

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
 Data File : BF114359.D
 Acq On : 17 May 2019 19:25
 Operator : JU/SJ
 Sample : K2894-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 05:04:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	190265	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	741631	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	370010	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	765799	20.00	ng	0.00
76) Chrysene-d12	14.02	240	506080	20.00	ng	0.00
87) Perylene-d12	15.51	264	499870	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1366348	115.57	ng	0.00
7) Phenol-d6	6.50	99	1815508	129.83	ng	0.00
23) Nitrobenzene-d5	7.41	82	1124340	85.08	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	482351	126.10	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1921473	78.55	ng	0.00
79) Terphenyl-d14	12.96	244	2042181	83.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	187487	28.850	ng	99
3) Pyridine	3.37	79	537384	30.013	ng	96
4) n-Nitrosodimethylamine	3.30	42	287231	33.266	ng	93
6) Aniline	6.51	93	453004	22.426	ng	# 1
8) 2-Chlorophenol	6.64	128	535089	42.394	ng	97
9) Benzaldehyde	6.40	77	386302	39.461	ng	98
10) Phenol	6.51	94	656180	39.890	ng	95
11) bis(2-Chloroethyl)ether	6.58	93	519827	41.624	ng	100
12) 1,3-Dichlorobenzene	6.79	146	545117	38.475	ng	99
13) 1,4-Dichlorobenzene	6.86	146	549275	38.473	ng	100
14) 1,2-Dichlorobenzene	7.02	146	514752	39.464	ng	99
15) Benzyl Alcohol	6.99	79	445366	40.836	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	949949	39.231	ng	78
17) 2-Methylphenol	7.11	107	431235	41.592	ng	96
18) Hexachloroethane	7.36	117	190757	35.596	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	362412	40.888	ng	99
20) 3+4-Methylphenols	7.27	107	553294	46.187	ng	# 60
22) Acetophenone	7.26	105	720407	43.848	ng	# 91
24) Nitrobenzene	7.43	77	564537	41.943	ng	94
25) Isophorone	7.67	82	1042093	42.519	ng	98
26) 2-Nitrophenol	7.75	139	278985	42.723	ng	94
27) 2,4-Dimethylphenol	7.79	122	485391	47.327	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	659724	41.486	ng	99
29) 2,4-Dichlorophenol	8.00	162	450157	44.078	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	464890	40.032	ng	98
31) Naphthalene	8.15	128	1501849	43.352	ng	98
32) Benzoic acid	7.89	122	55387	13.487	ng	98
33) 4-Chloroaniline	8.20	127	170361	10.792	ng	98
34) Hexachlorobutadiene	8.27	225	249143	37.705	ng	98
35) Caprolactam	8.57	113	82932	24.904	ng	92
36) 4-Chloro-3-methylphenol	8.70	107	495778	48.228	ng	99
37) 2-Methylnaphthalene	8.85	142	1025076	45.862	ng	97
38) 1-Methylnaphthalene	8.95	142	964200	45.808	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	463290	41.334	ng	99

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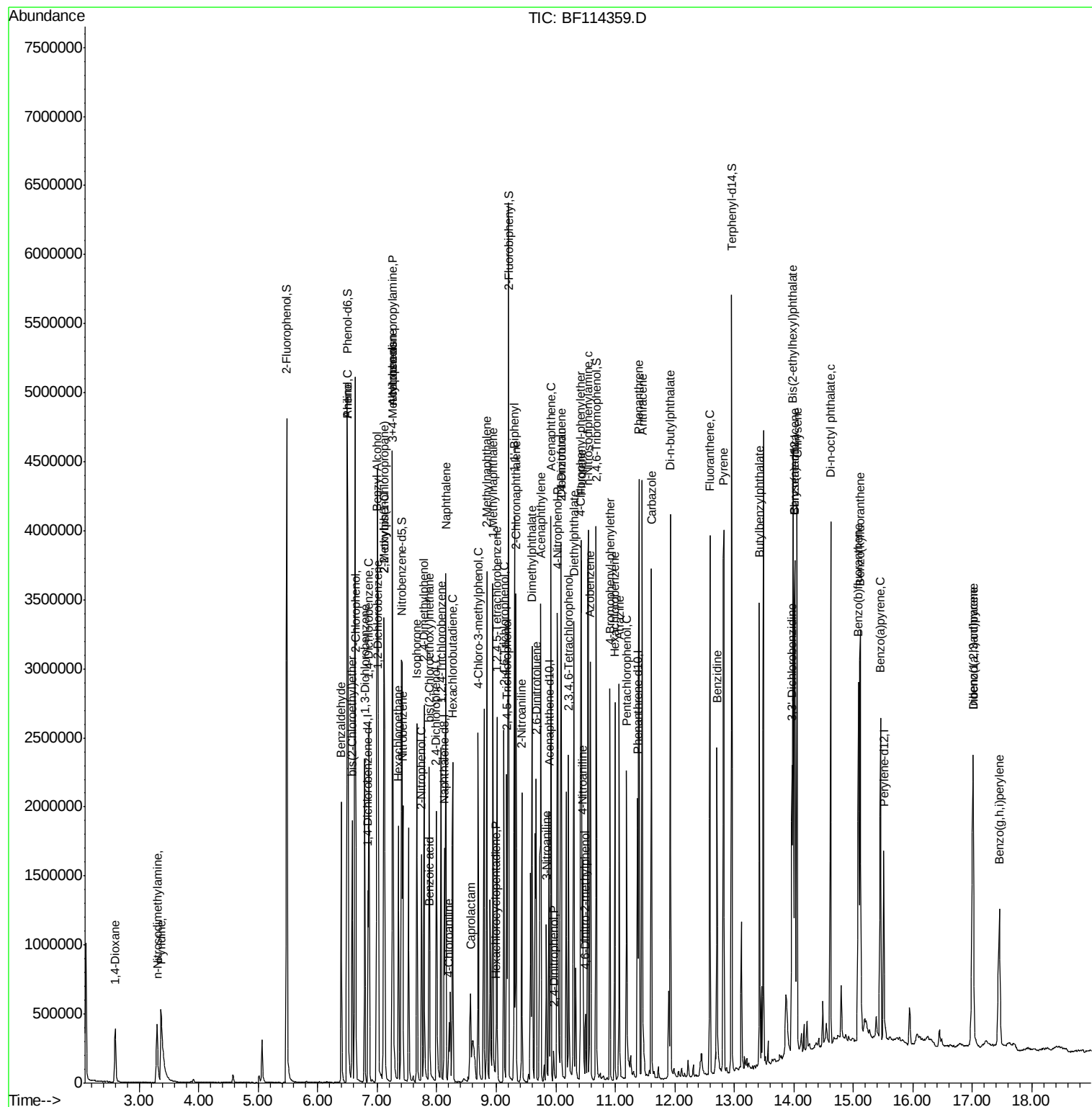
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	36075	10.859	ng	98
43) 2,4,6-Trichlorophenol	9.13	196	322995	41.896	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	348256	44.047	ng	96
46) 1,1'-Biphenyl	9.30	154	1256141	42.023	ng	98
47) 2-Chloronaphthalene	9.33	162	958344	39.837	ng	98
48) 2-Nitroaniline	9.43	65	354547	41.557	ng	93
49) Acenaphthylene	9.75	152	1569224	42.888	ng	99
50) Dimethylphthalate	9.60	163	1437283	52.915	ng	99
51) 2,6-Dinitrotoluene	9.67	165	263490	43.736	ng	87
52) Acenaphthene	9.92	154	913562	40.689	ng	97
53) 3-Nitroaniline	9.84	138	165234	22.094	ng	100
54) 2,4-Dinitrophenol	9.96	184	36606	17.810	ng	95
55) Dibenzofuran	10.09	168	1353636	41.115	ng	97
56) 4-Nitrophenol	10.03	139	401011	75.823	ng	92
57) 2,4-Dinitrotoluene	10.08	165	342441	41.878	ng	# 88
58) Fluorene	10.43	166	1111561	43.710	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	296175	43.415	ng	99
60) Diethylphthalate	10.30	149	1187641	43.033	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	522769	41.855	ng	97
62) 4-Nitroaniline	10.46	138	283939	36.131	ng	99
63) Azobenzene	10.58	77	1141101	42.716	ng	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	60077	16.326	ng	95
66) n-Nitrosodiphenylamine	10.55	169	1009532	43.435	ng	99
67) 4-Bromophenyl-phenylether	10.91	248	341461	40.497	ng	96
68) Hexachlorobenzene	10.99	284	367517	39.400	ng	94
69) Atrazine	11.07	200	318703	44.063	ng	98
70) Pentachlorophenol	11.19	266	331383	74.944	ng	99
71) Phenanthrene	11.40	178	1607144	43.137	ng	99
72) Anthracene	11.45	178	1669175	44.605	ng	99
73) Carbazole	11.60	167	1608893	45.086	ng	99
74) Di-n-butylphthalate	11.93	149	1943788	47.280	ng	100
75) Fluoranthene	12.59	202	1733792	43.214	ng	99
77) Benzidine	12.71	184	1065390	46.898	ng	96
78) Pyrene	12.82	202	1741385	42.774	ng	99
80) Butylbenzylphthalate	13.43	149	813218	47.457	ng	95
81) Benzo(a)anthracene	14.02	228	1456387	44.493	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	458675	36.122	ng	99
83) Chrysene	14.05	228	1391568	43.368	ng	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	1133789	50.590	ng	100
85) Di-n-octyl phthalate	14.62	149	1854985	51.059	ng	99
86) Indeno(1,2,3-cd)pyrene	17.01	276	1069210	37.703	ng	99
88) Benzo(b)fluoranthene	15.09	252	1473319	46.006	ng	99
89) Benzo(k)fluoranthene	15.12	252	1260989	42.865	ng	99
90) Benzo(a)pyrene	15.46	252	1294125	45.917	ng	98
91) Dibenzo(a,h)anthracene	17.01	278	879959	37.573	ng	99
92) Benzo(g,h,i)perylene	17.45	276	870520	37.091	ng	100

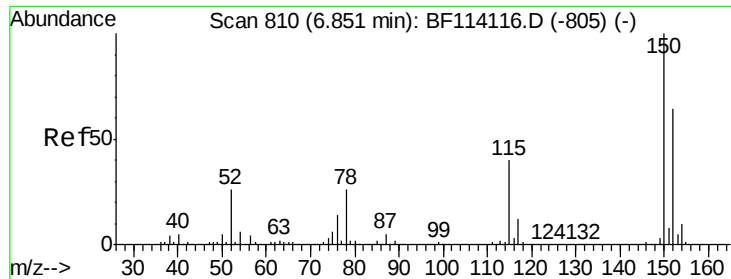
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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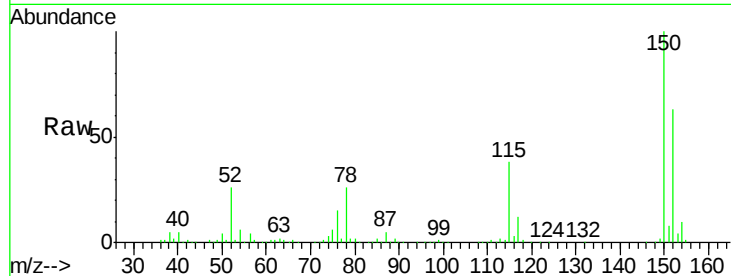


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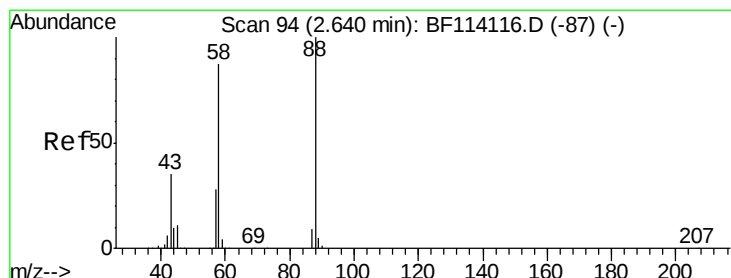
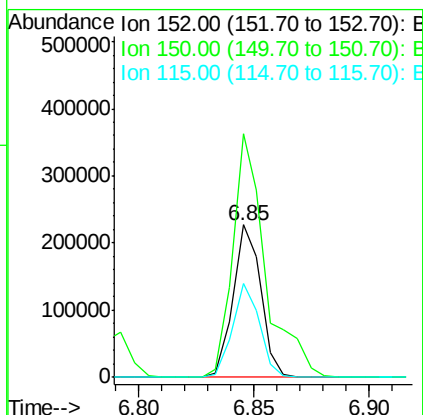
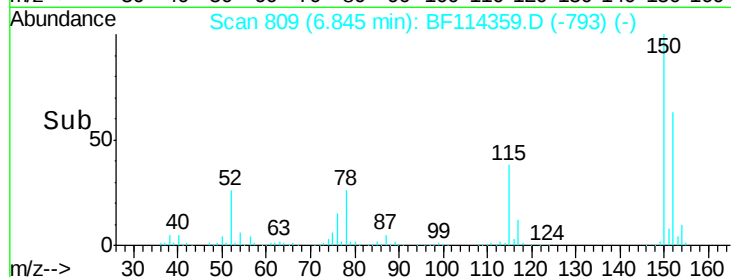
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 190265
Ion Ratio Lower Upper
152 100
150 159.7 124.3 186.5
115 61.4 49.1 73.7



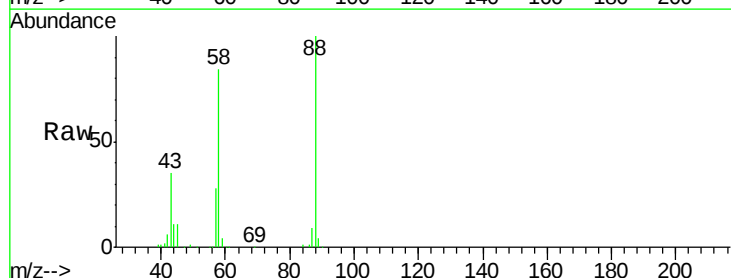
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



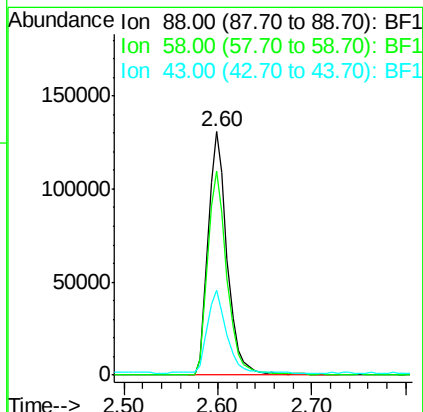
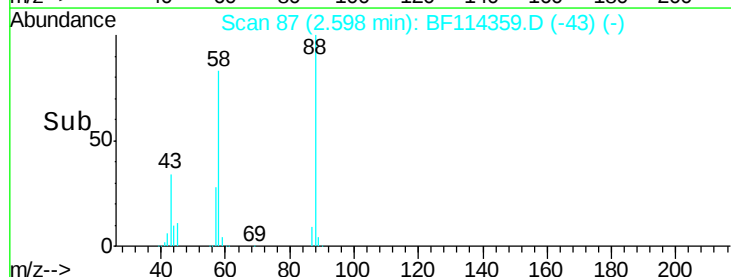
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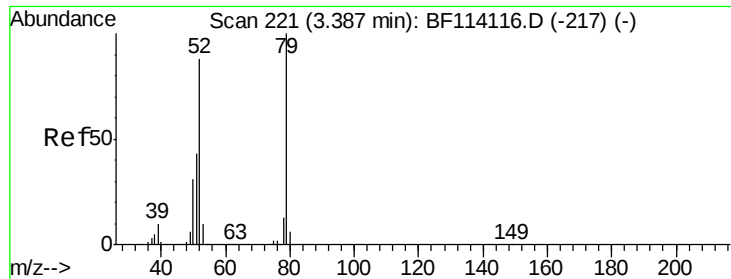
1,4-Dioxane
Concen: 28.850 ng
RT: 2.60 min Scan# 87
Delta R.T. -0.04 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion: 88 Resp: 187487
Ion Ratio Lower Upper
88 100
58 85.0 68.7 103.1
43 34.2 28.2 42.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 30.013 ng

RT: 3.37 min Scan# 218

Delta R.T. -0.02 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampleId :

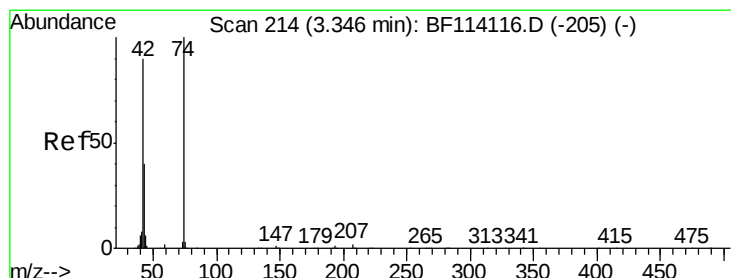
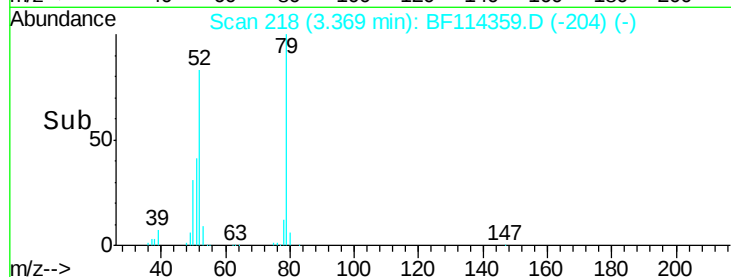
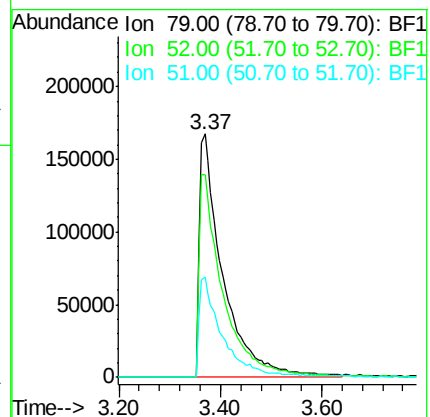
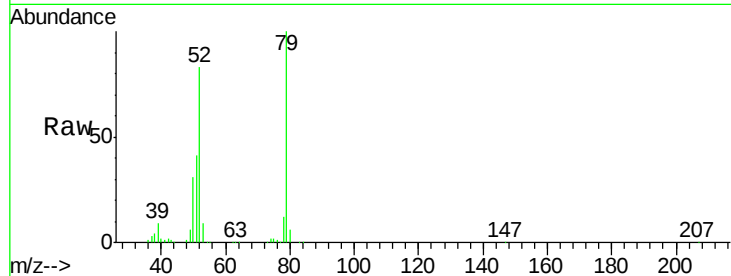
Tot Ion: 79 Resp: 537384

Ion Ratio Lower Upper

79 100

52 83.2 70.6 105.8

51 41.1 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 33.266 ng

RT: 3.30 min Scan# 207

Delta R.T. -0.04 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

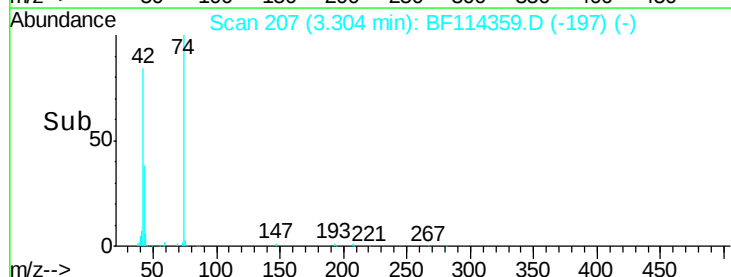
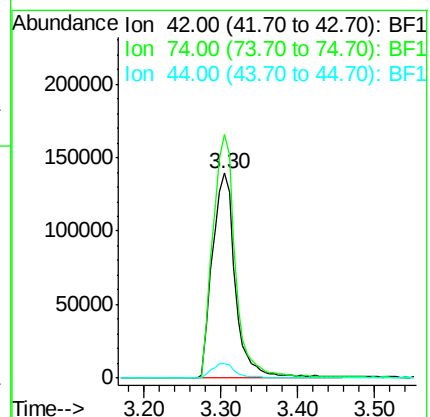
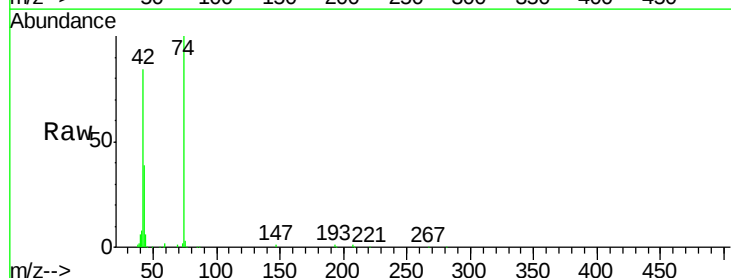
Tgt Ion: 42 Resp: 287231

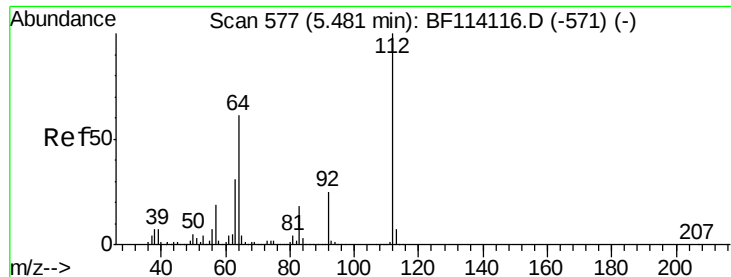
Ion Ratio Lower Upper

42 100

74 118.7 88.6 132.8

44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 115.566 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampleId :

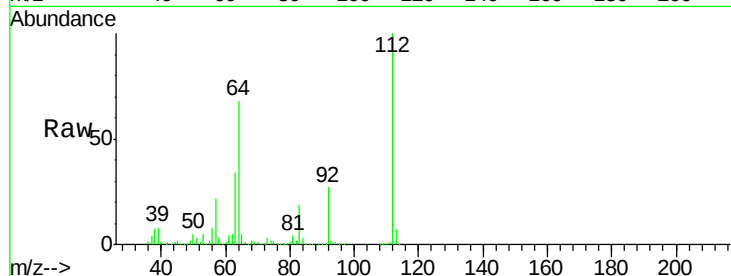
Tot Ion:112 Resp: 1366348

Ion Ratio Lower Upper

112 100

64 67.6 49.0 73.6

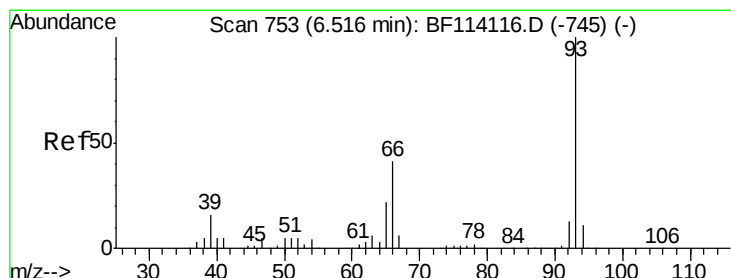
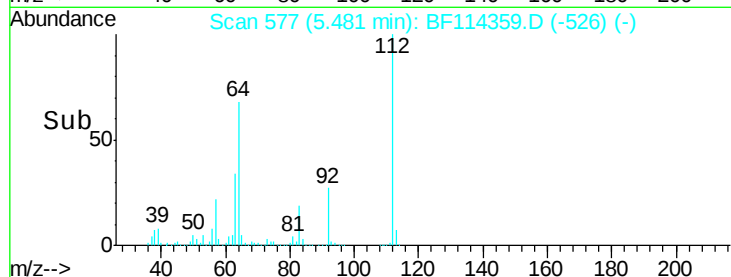
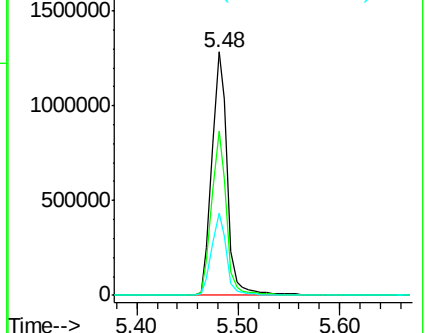
63 33.6 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.426 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

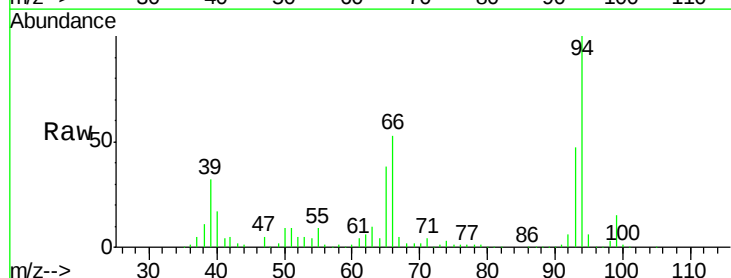
Tgt Ion: 93 Resp: 453004

Ion Ratio Lower Upper

93 100

66 114.0 33.2 49.8#

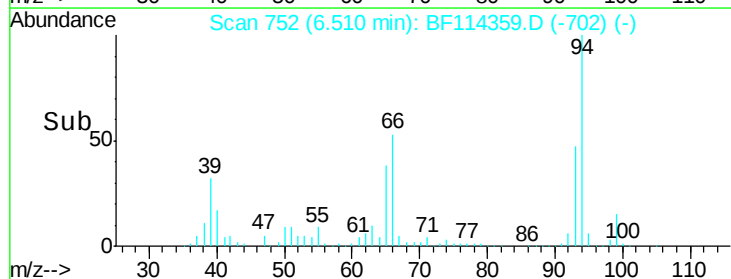
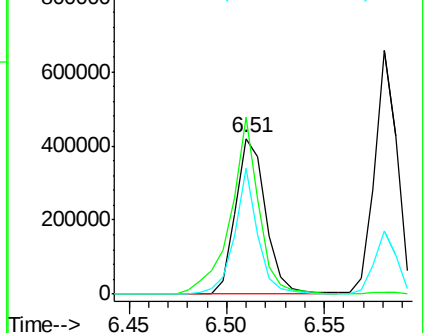
65 80.8 17.6 26.4#

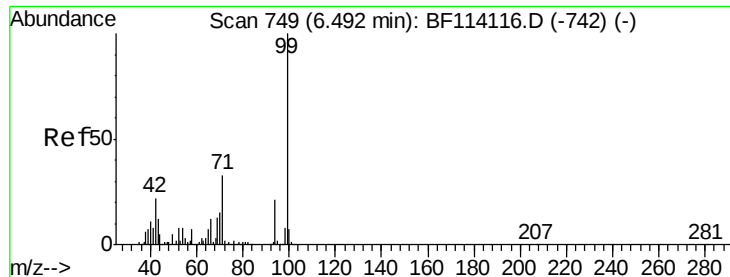


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 129.831 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114359.D

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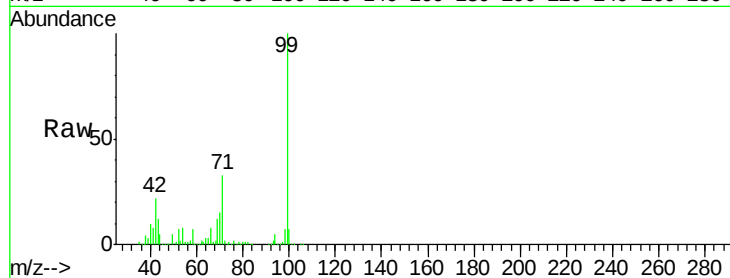
Tot Ion: 99 Resp: 1815508

Ion Ratio Lower Upper

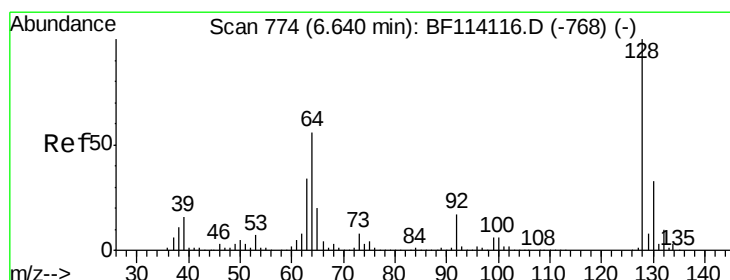
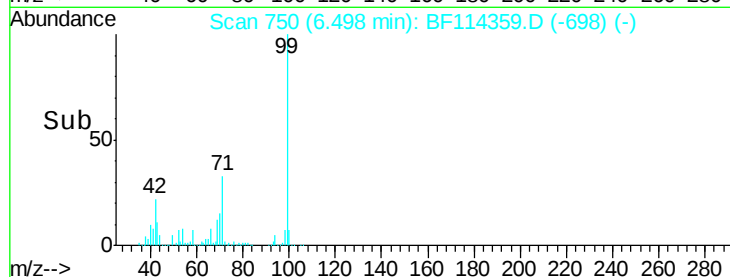
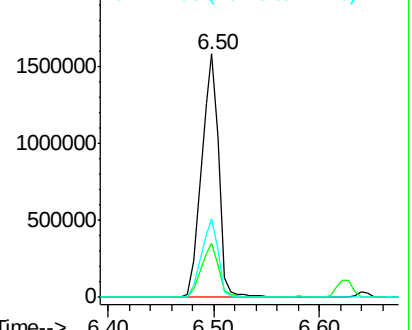
99 100

42 22.3 17.9 26.9

71 32.5 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.394 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

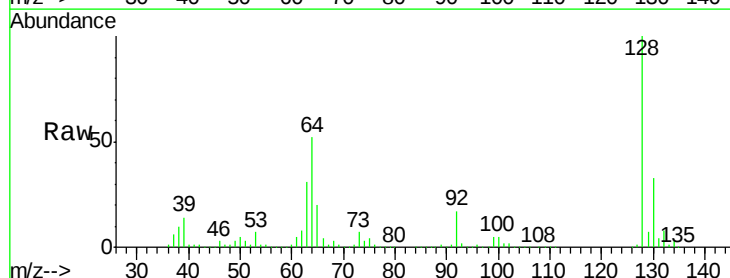
Tgt Ion: 128 Resp: 535089

Ion Ratio Lower Upper

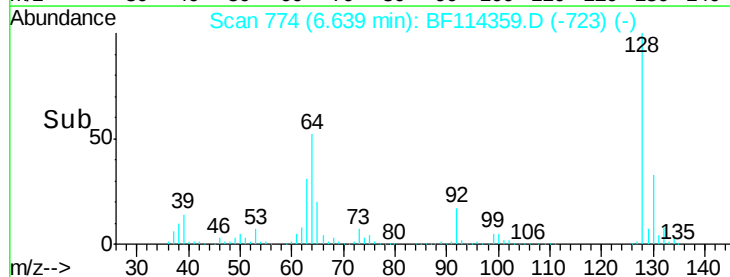
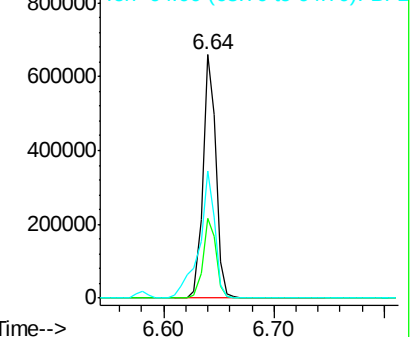
128 100

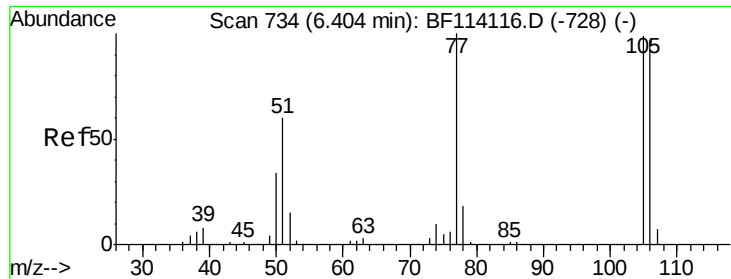
130 32.8 12.6 52.6

64 52.3 35.9 75.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

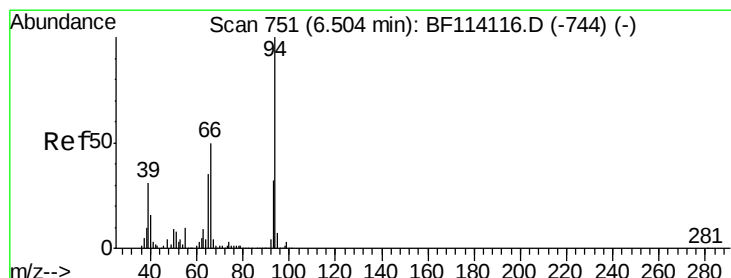
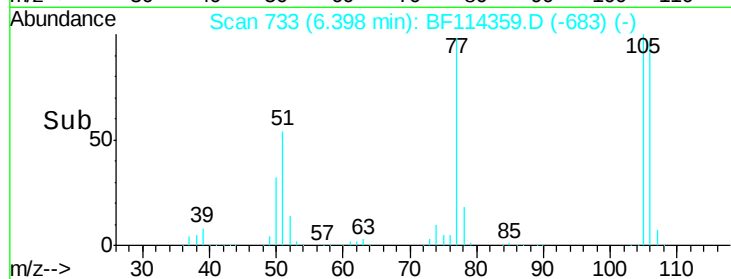
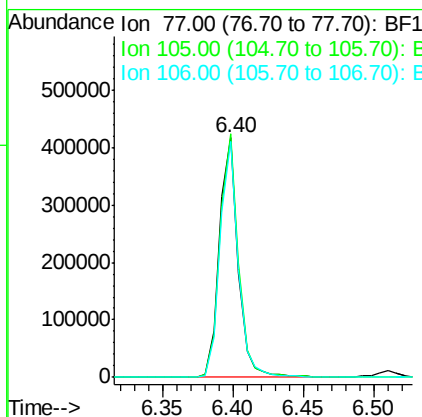
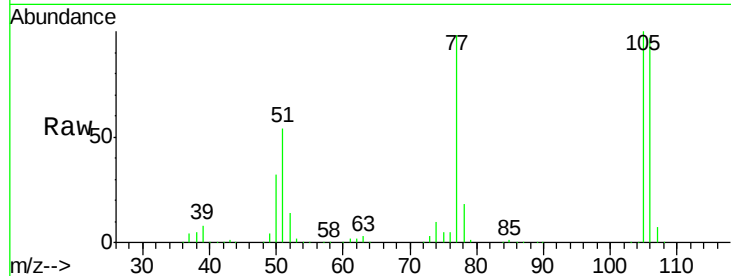




#9
Benzaldehyde
Concen: 39.461 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
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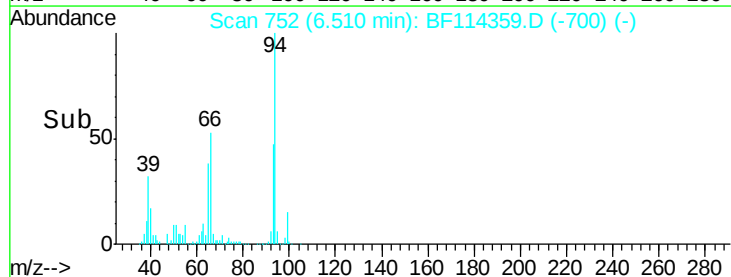
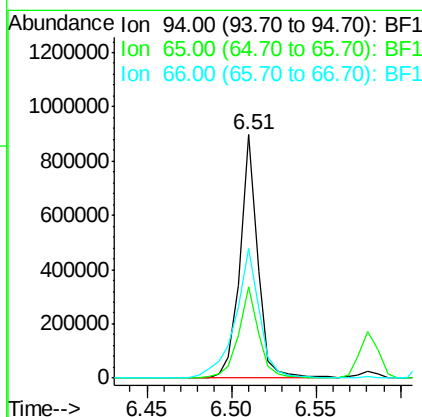
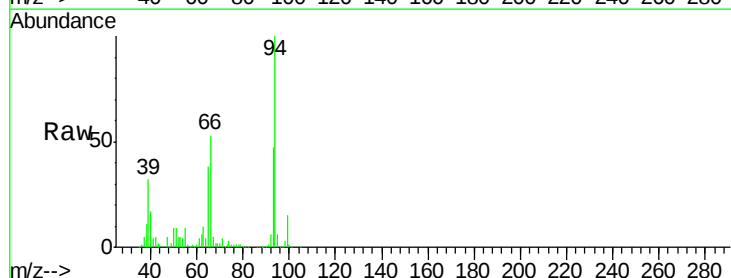
Instrument :
BNA_F
ClientSampled :

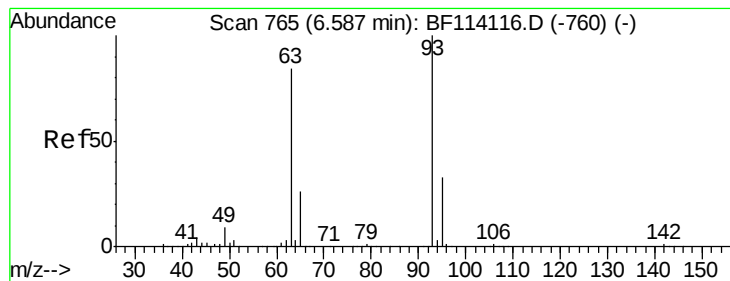
Tot Ion: 77 Resp: 386302
Ion Ratio Lower Upper
77 100
105 101.7 79.3 119.3
106 98.5 77.0 117.0



#10
Phenol
Concen: 39.890 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion: 94 Resp: 656180
Ion Ratio Lower Upper
94 100
65 37.8 14.7 54.7
66 53.3 29.6 69.6

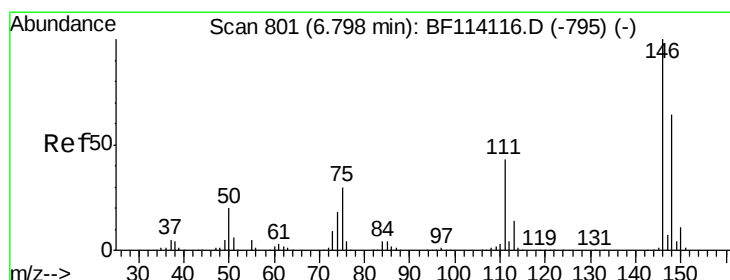
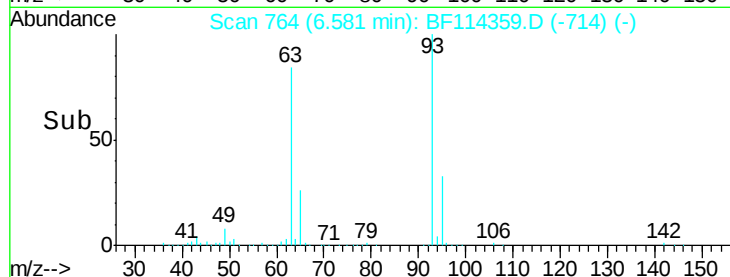
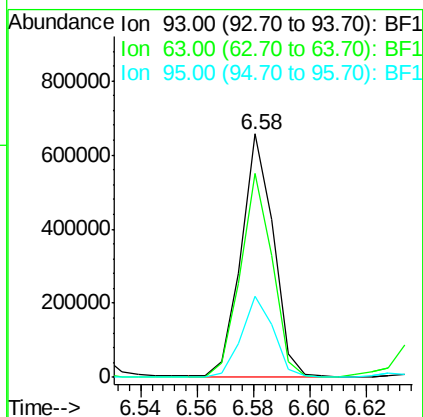
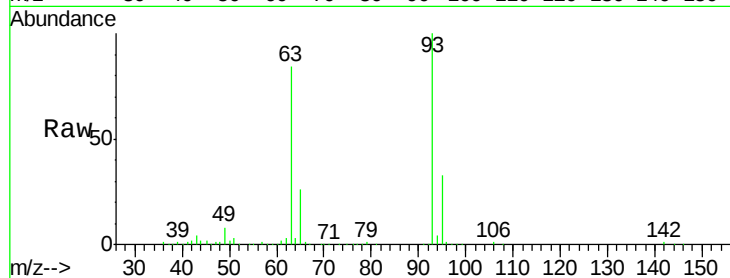




#11
bis(2-Chloroethyl)ether
Concen: 41.624 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

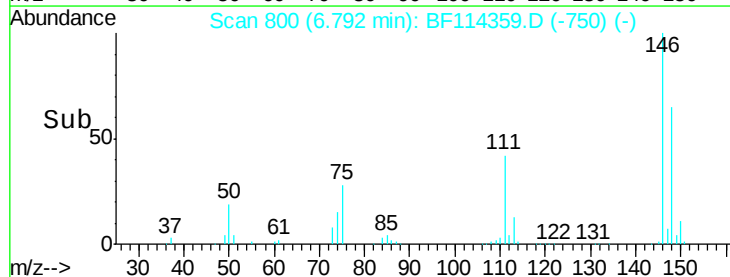
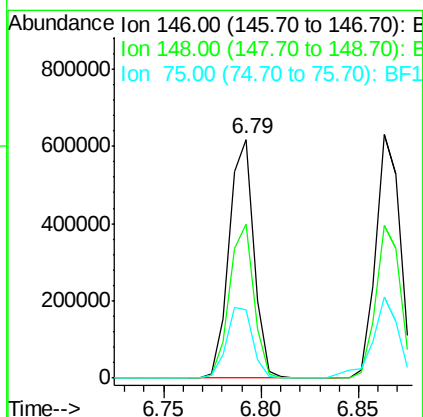
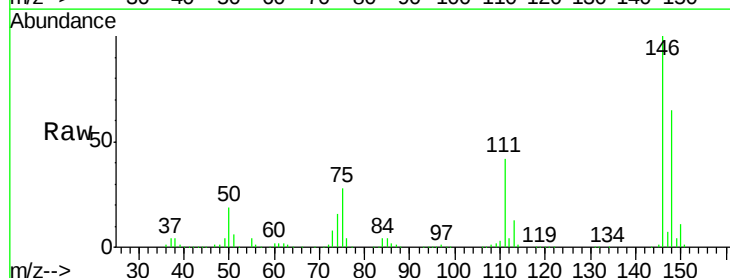
Instrument :
BNA_F
ClientSampleId :

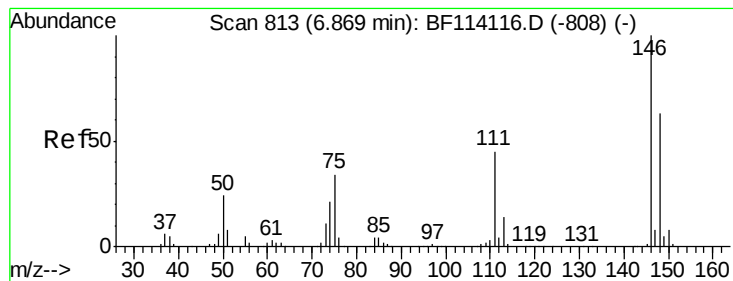
Tot Ion: 93 Resp: 519827
Ion Ratio Lower Upper
93 100
63 83.7 63.6 103.6
95 33.1 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 38.475 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion: 146 Resp: 545117
Ion Ratio Lower Upper
146 100
148 64.5 51.6 77.4
75 28.5 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 38.473 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampleId :

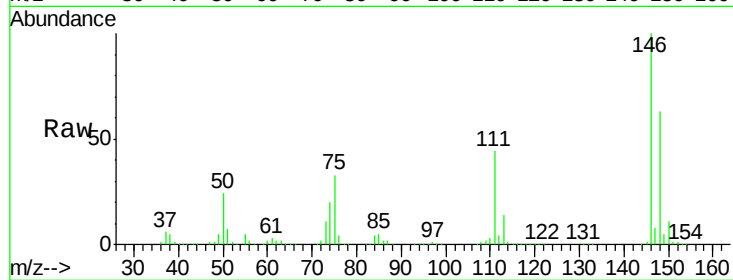
Tot Ion:146 Resp: 549275

Ion Ratio Lower Upper

146 100

148 62.9 50.2 75.2

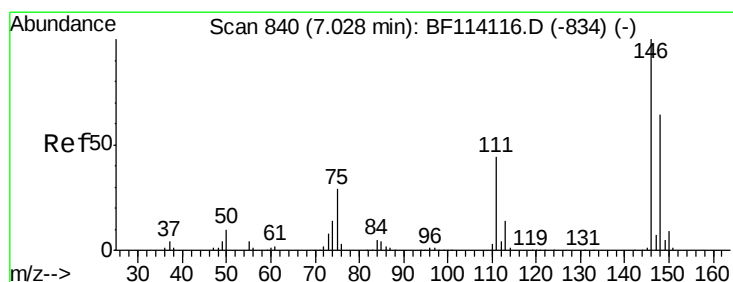
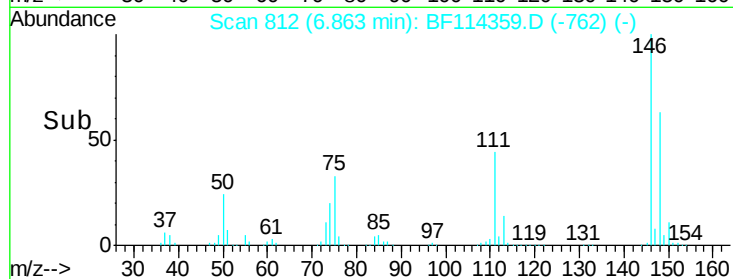
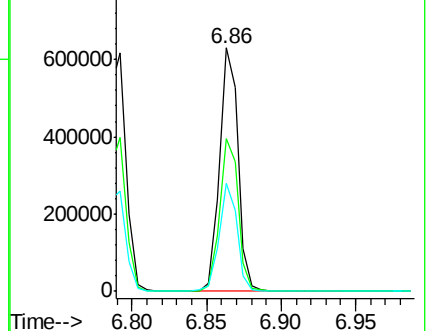
111 44.3 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.464 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

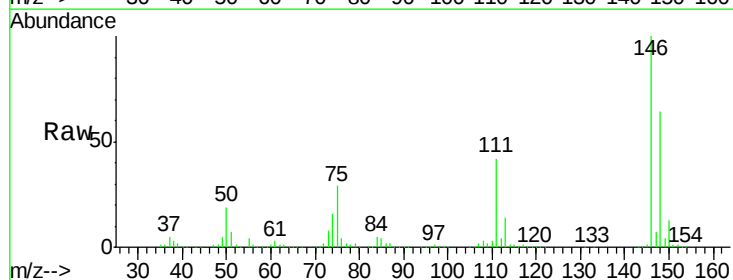
Tgt Ion:146 Resp: 514752

Ion Ratio Lower Upper

146 100

148 63.9 51.1 76.7

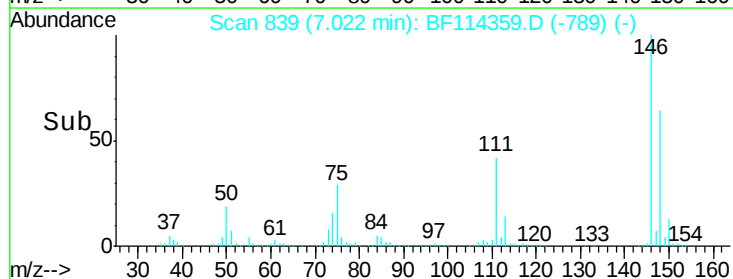
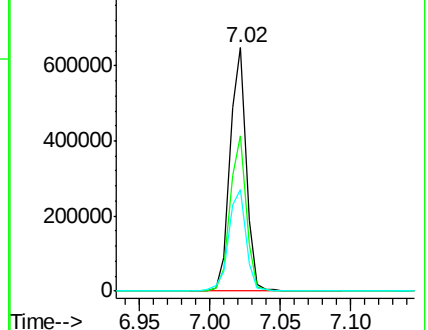
111 41.9 35.3 52.9

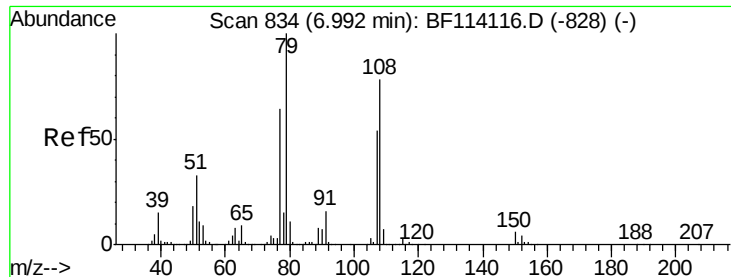


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.836 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampleId :

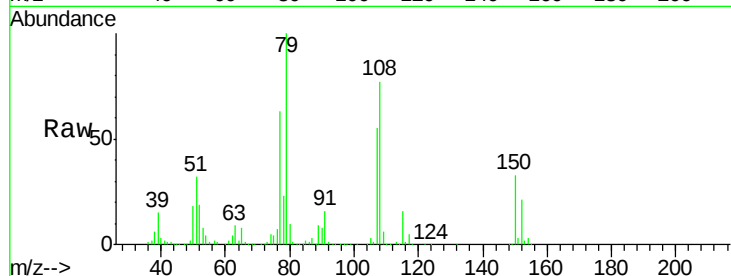
Tot Ion: 79 Resp: 445366

Ion Ratio Lower Upper

79 100

108 77.4 62.1 93.1

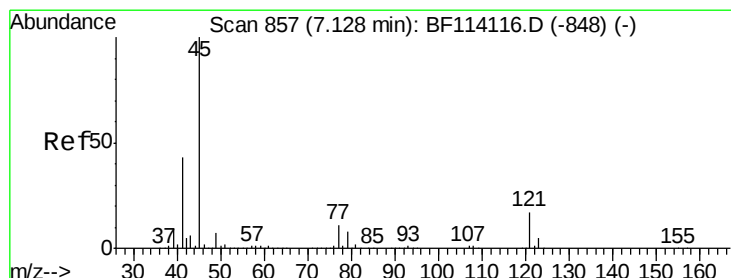
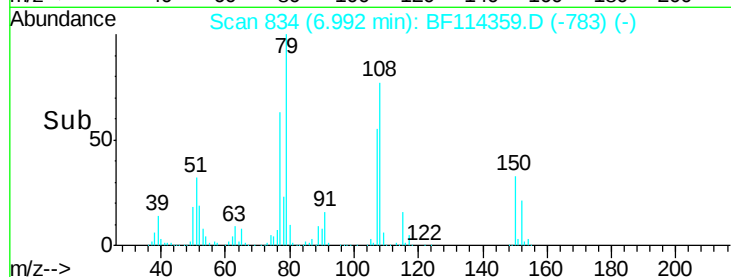
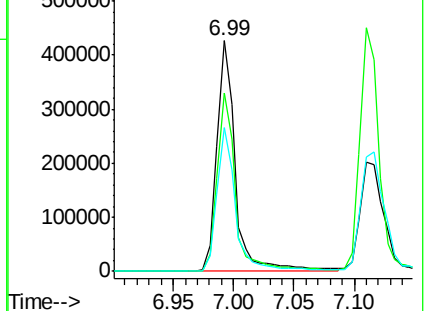
77 62.6 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.231 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

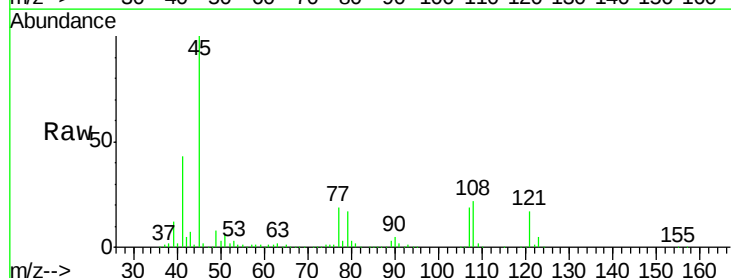
Tgt Ion: 45 Resp: 949949

Ion Ratio Lower Upper

45 100

77 18.9 0.0 31.1

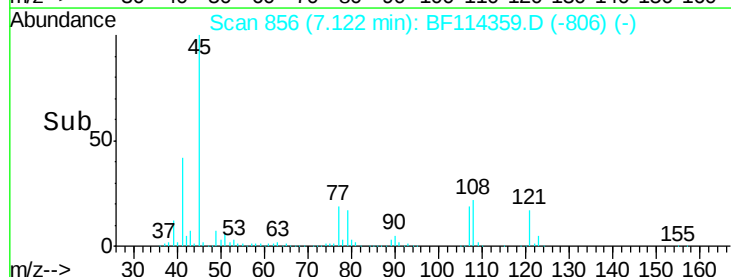
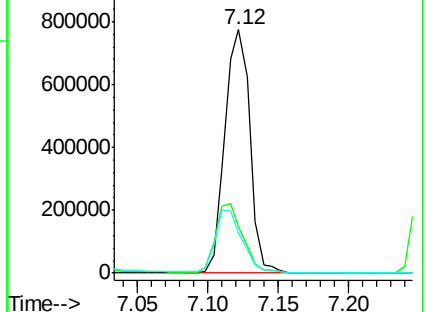
79 16.7 0.0 28.4

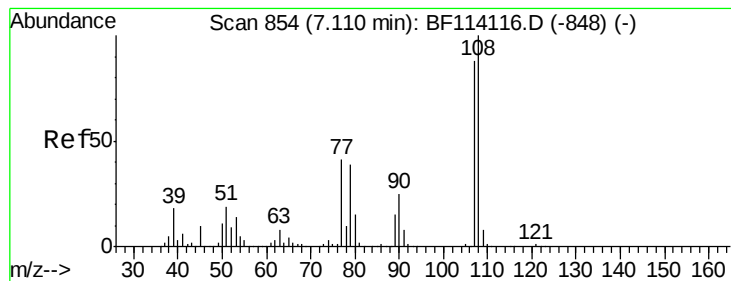


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

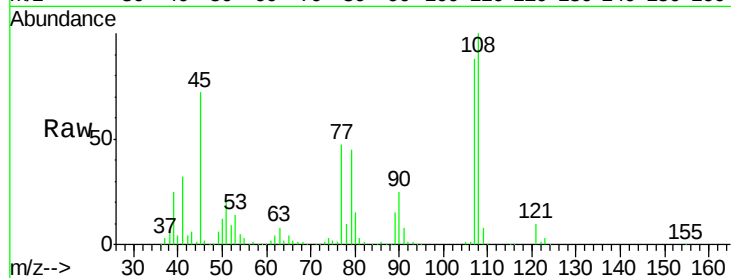




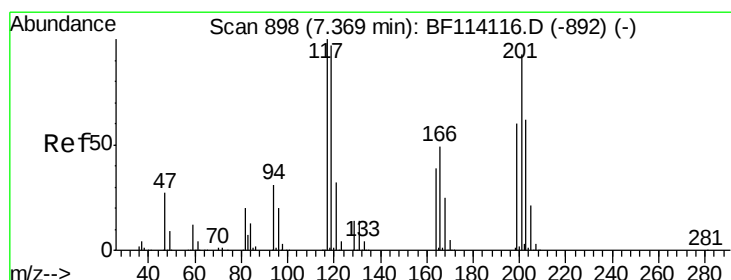
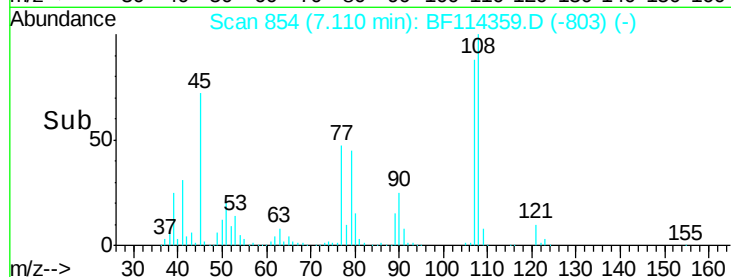
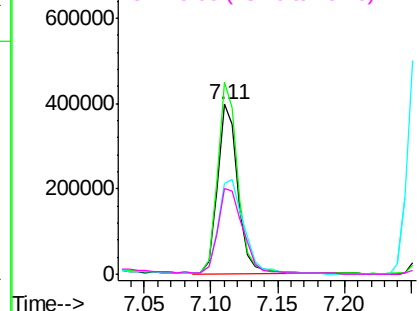
#17
2-Methylphenol
Concen: 41.592 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	431235
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.5	135.7
77	53.3	37.0	55.4
79	50.7	35.8	53.8

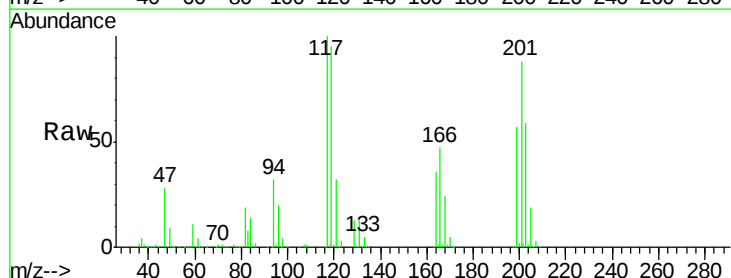


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

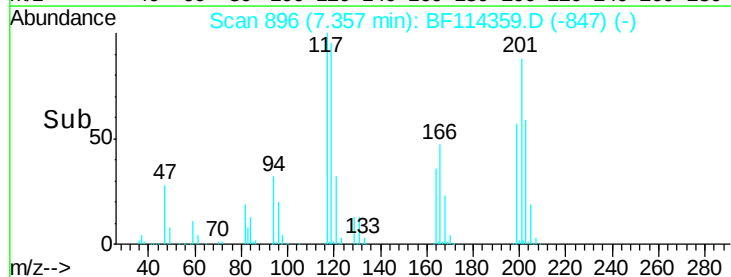
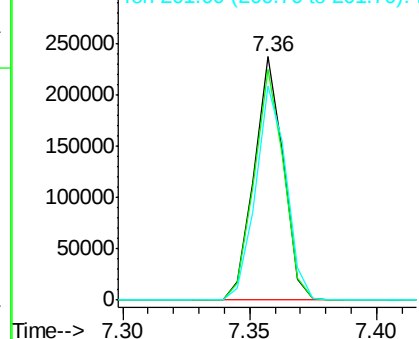


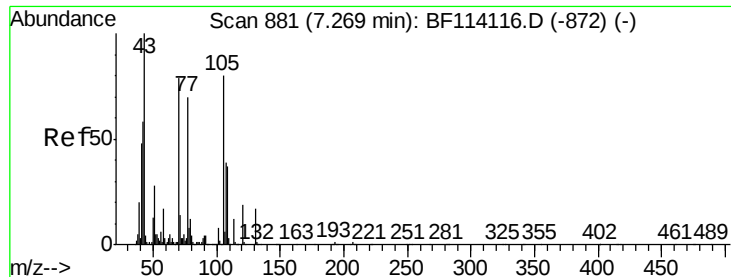
#18
Hexachloroethane
Concen: 35.596 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion:	117	Resp:	190757
Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.4	116.2
201	87.7	74.5	111.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

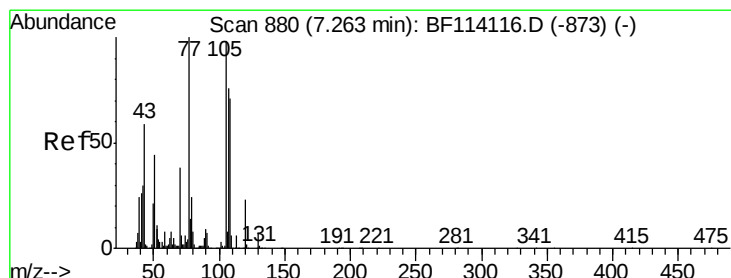
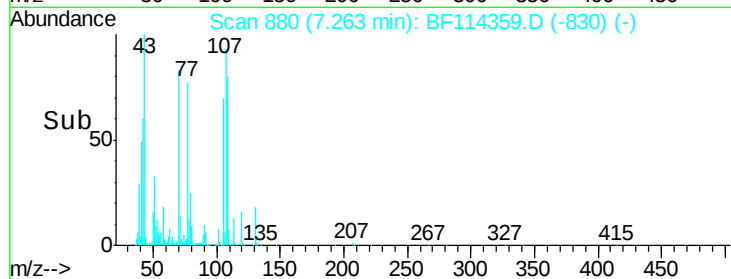
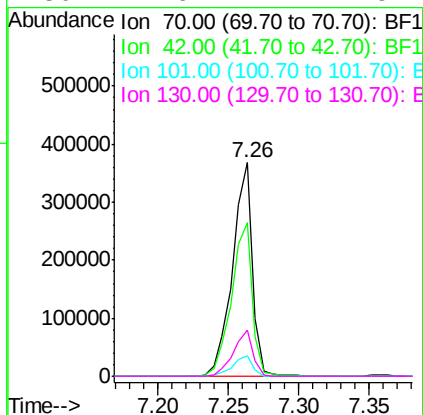
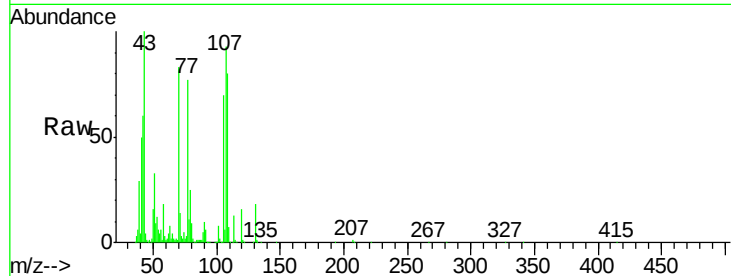




#19
n-Nitroso-di-n-propylamine
Concen: 40.888 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

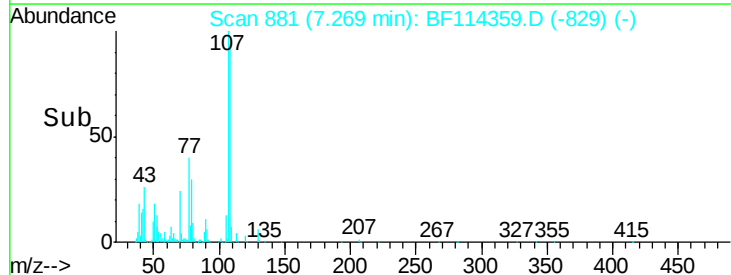
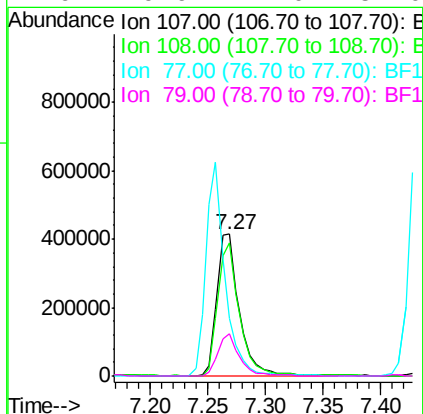
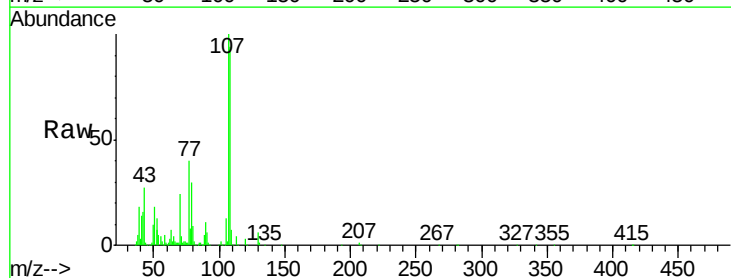
Instrument :
BNA_F
ClientSampled :

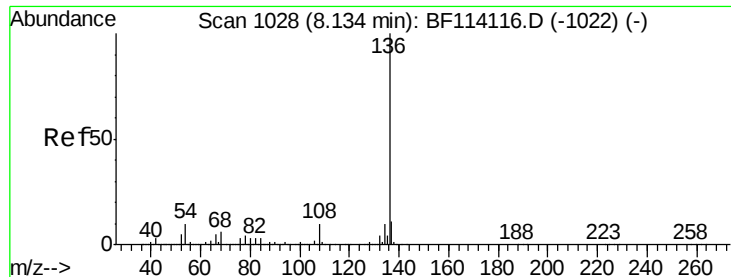
Tot Ion: 70 Resp: 362412
Ion Ratio Lower Upper
70 100
42 72.1 58.6 87.8
101 9.6 7.8 11.8
130 21.6 17.1 25.7



#20
3+4-Methylphenols
Concen: 46.187 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion: 107 Resp: 553294
Ion Ratio Lower Upper
107 100
108 93.6 73.8 113.8
77 40.2 111.5 151.5#
79 29.9 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 741631

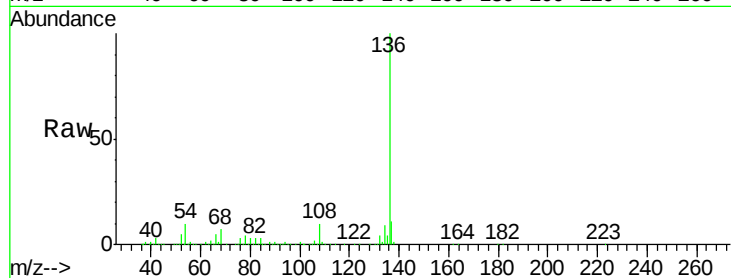
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.9 7.8 11.8

68 6.7 5.1 7.7

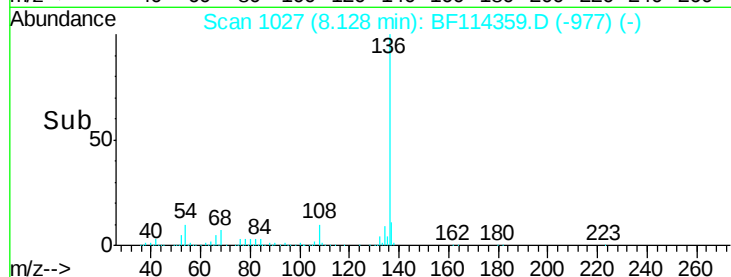


Abundance Ion 136.00 (135.70 to 136.70): E

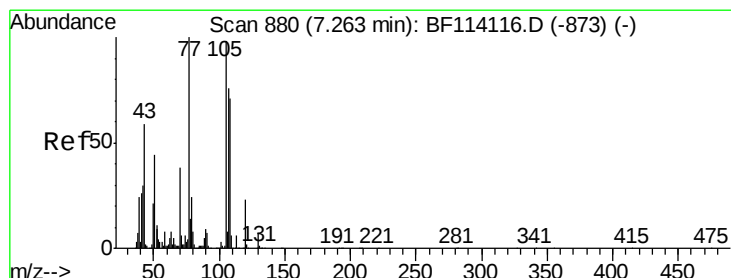
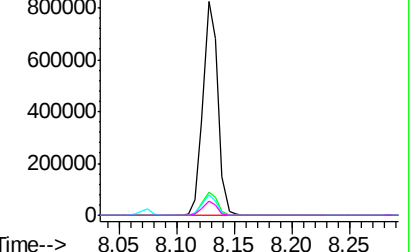
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 43.848 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Tgt Ion:105 Resp: 720407

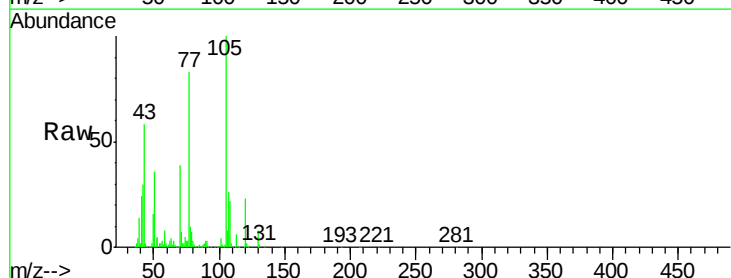
Ion Ratio Lower Upper

105 100

71 6.8 5.3 7.9

51 35.9 36.2 54.4#

120 22.8 18.6 28.0

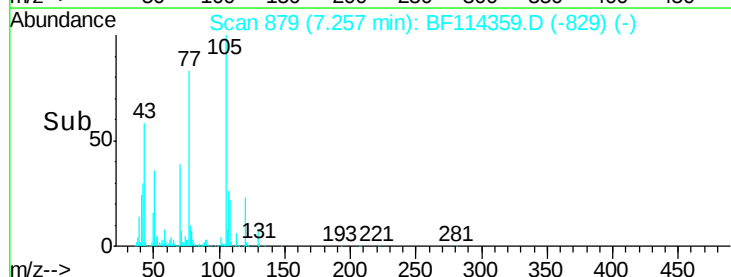


Abundance Ion 105.00 (104.70 to 105.70): E

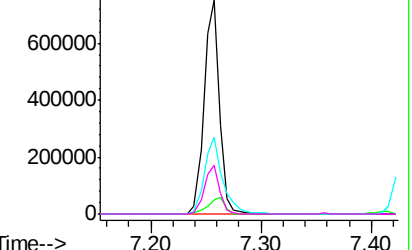
Ion 71.00 (70.70 to 71.70): BF1

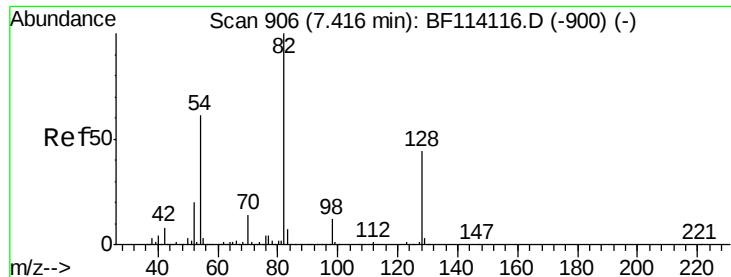
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

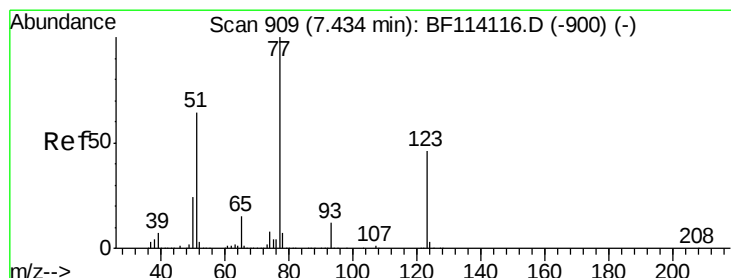
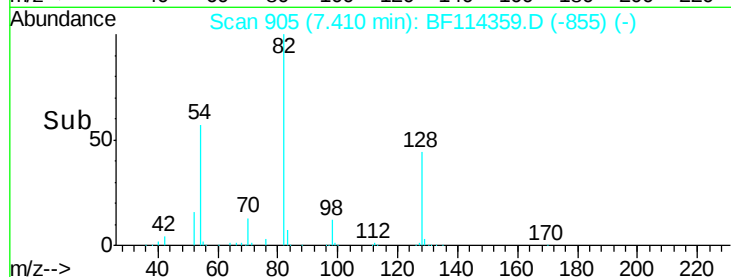
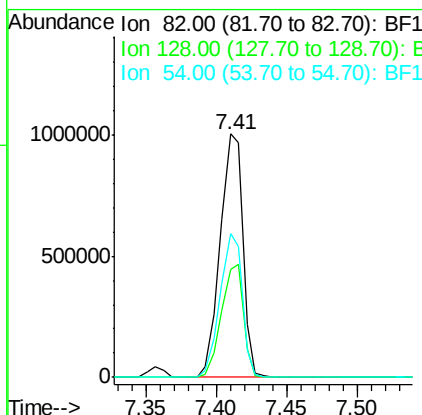
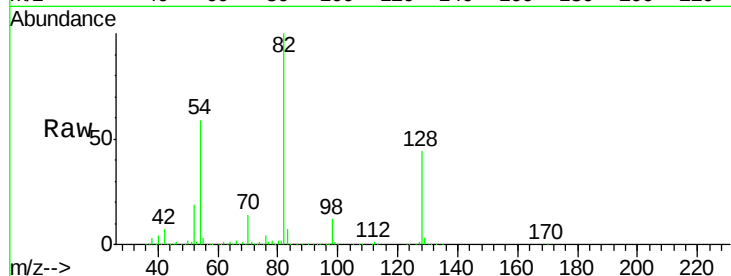




#23
 Nitrobenzene-d5
 Concen: 85.080 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

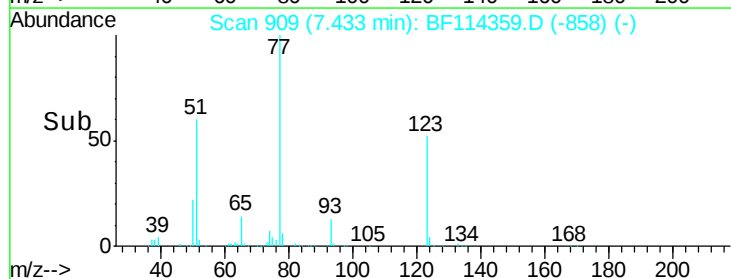
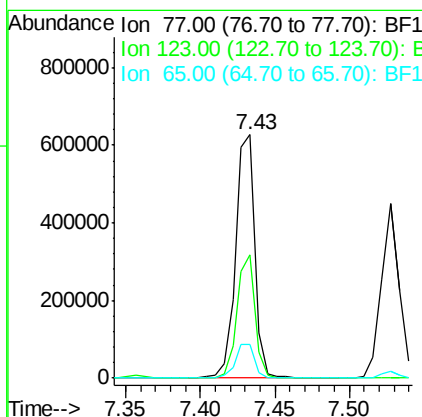
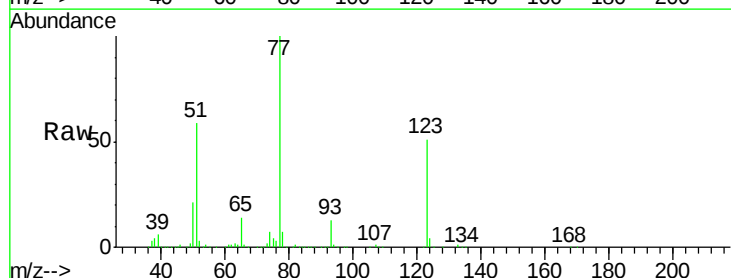
Instrument :
 BNA_F
 ClientSampleId :

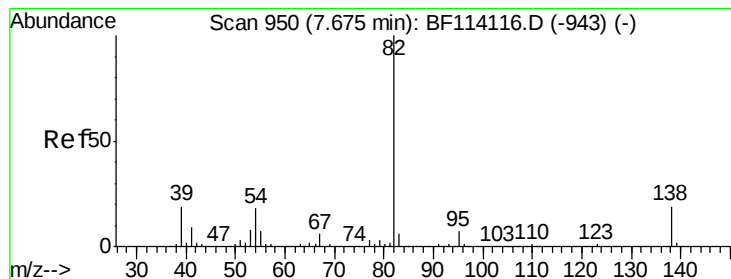
Tot Ion: 82 Resp: 1124340
 Ion Ratio Lower Upper
 82 100
 128 44.2 35.5 53.3
 54 58.9 48.5 72.7



#24
 Nitrobenzene
 Concen: 41.943 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Tgt Ion: 77 Resp: 564537
 Ion Ratio Lower Upper
 77 100
 123 50.9 36.9 55.3
 65 13.8 11.8 17.6





#25

Isophorone

Concen: 42.519 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampled :

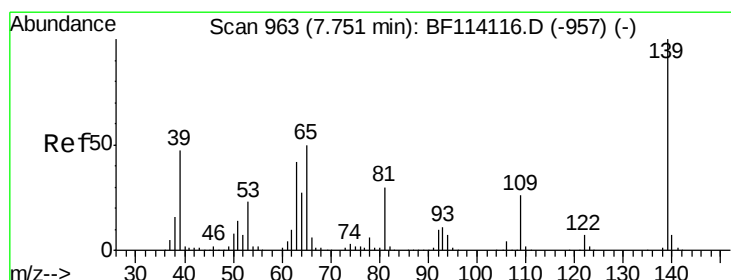
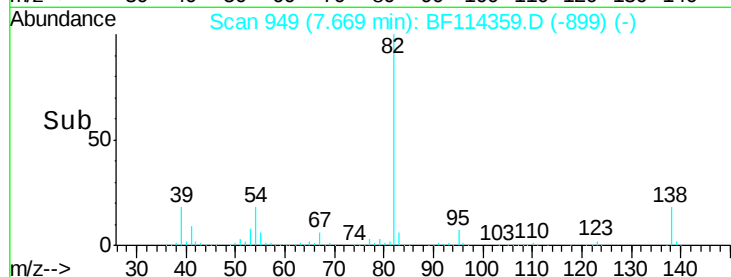
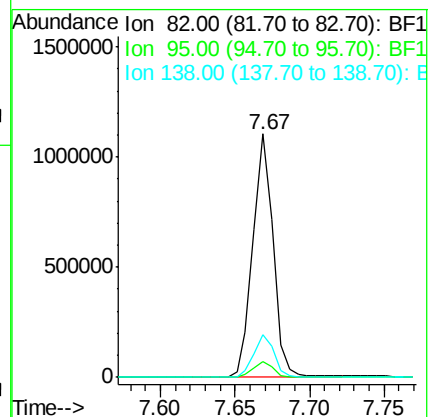
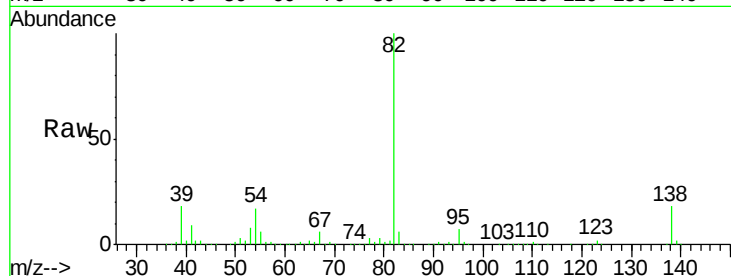
Tot Ion: 82 Resp: 1042093

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

138 17.6 14.8 22.2



#26

2-Nitrophenol

Concen: 42.723 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

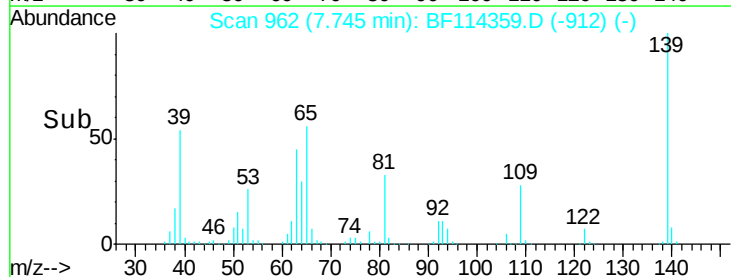
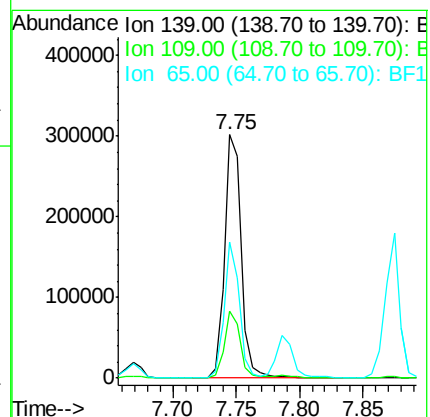
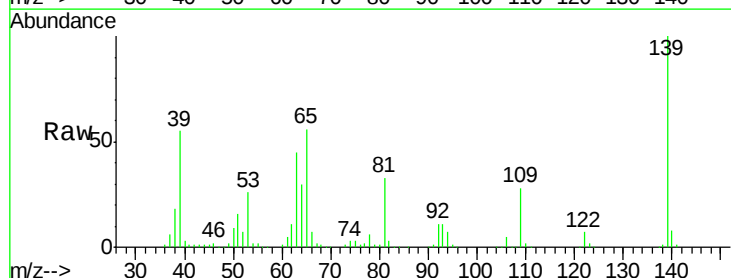
Tgt Ion: 139 Resp: 278985

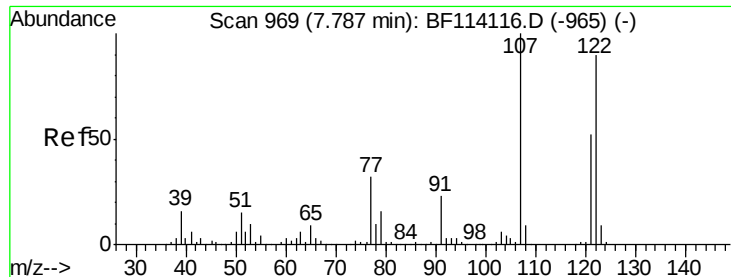
Ion Ratio Lower Upper

139 100

109 27.5 20.7 31.1

65 55.7 40.2 60.2

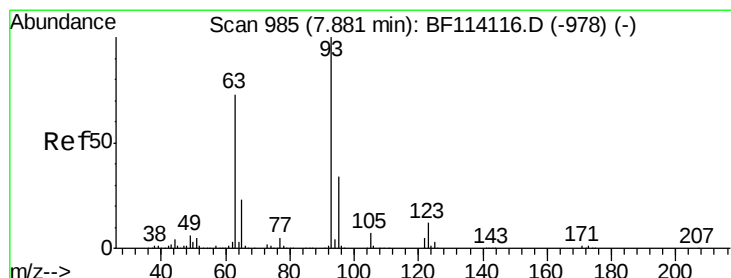
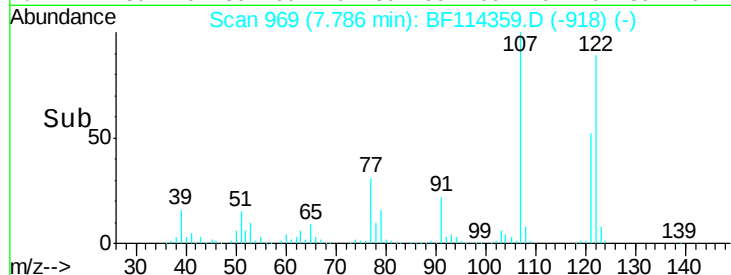
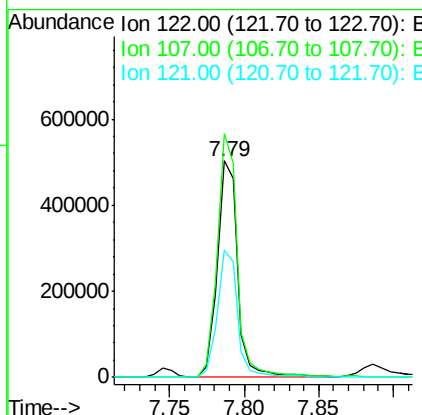
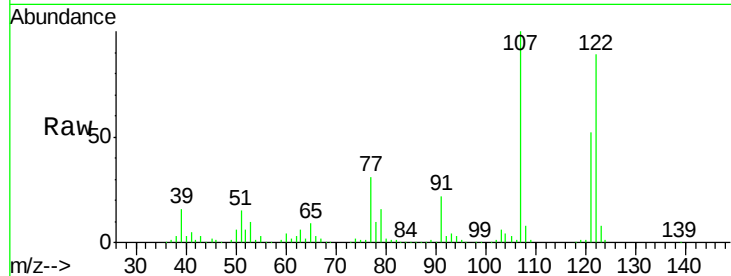




#27
 2,4-Dimethylphenol
 Concen: 47.327 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

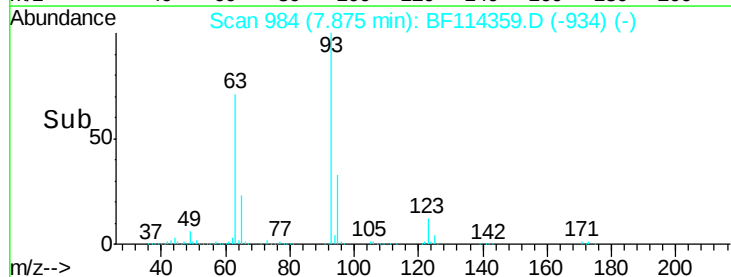
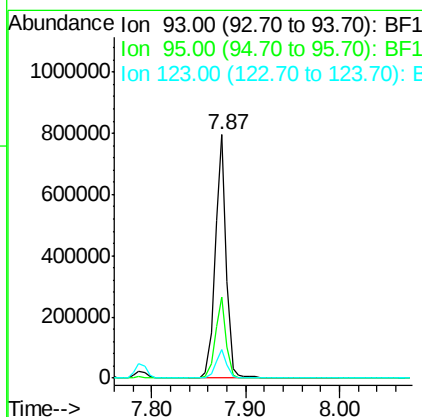
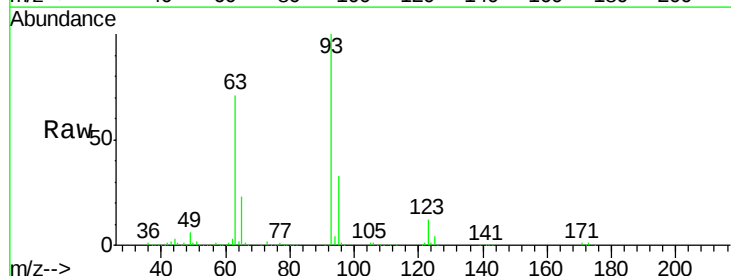
Instrument :
 BNA_F
 ClientSampleId :

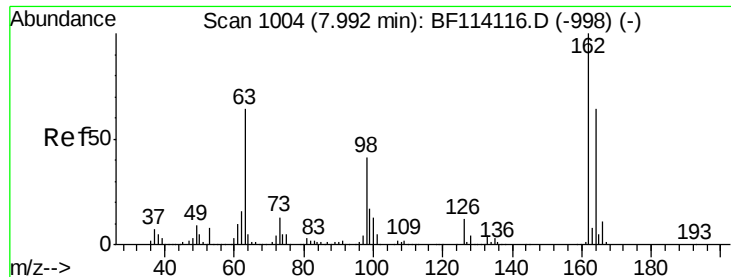
Tot Ion:122 Resp: 485391
 Ion Ratio Lower Upper
 122 100
 107 112.4 88.4 132.6
 121 58.8 45.9 68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.486 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Tgt Ion: 93 Resp: 659724
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.8 40.2
 123 11.8 9.5 14.3

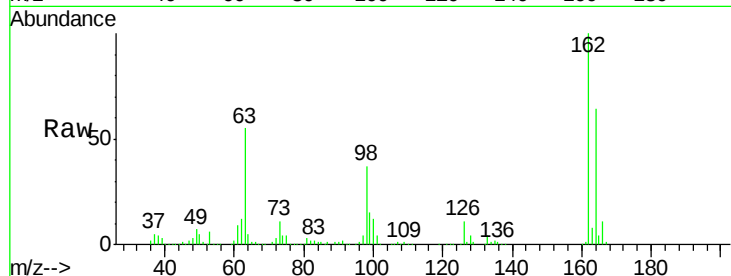




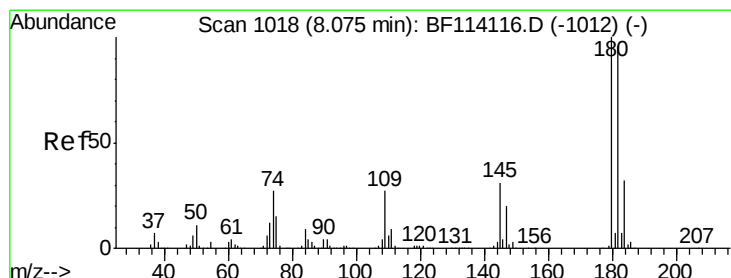
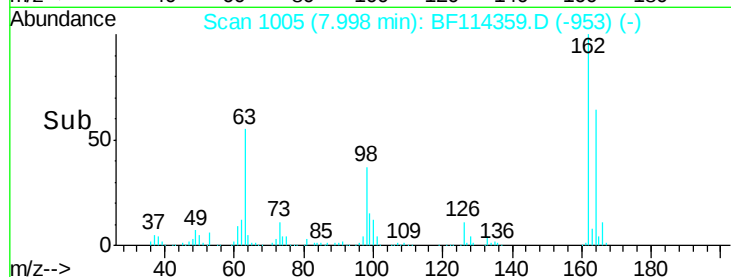
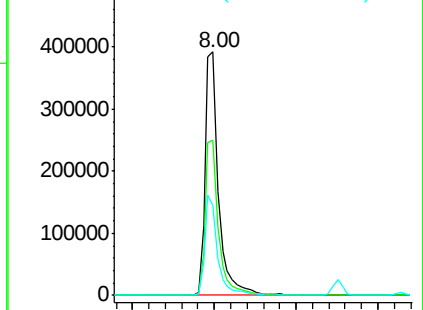
#29
 2,4-Dichlorophenol
 Concen: 44.078 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.6	83.6
98	36.9	20.6	60.6

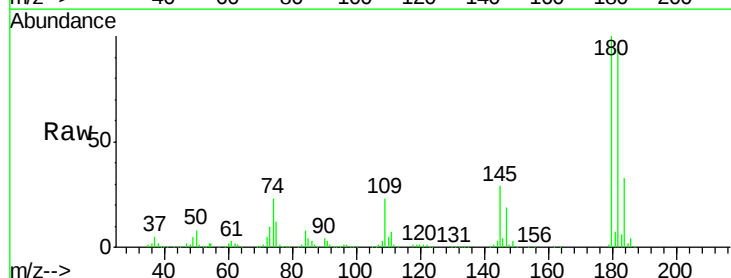


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

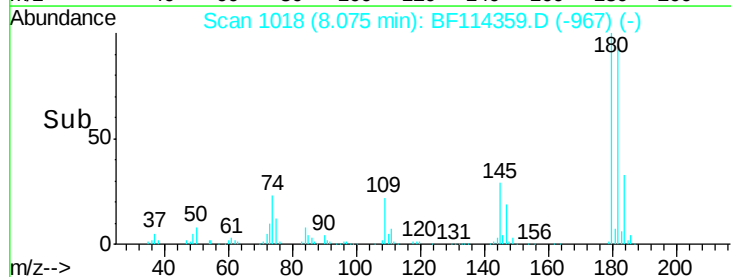
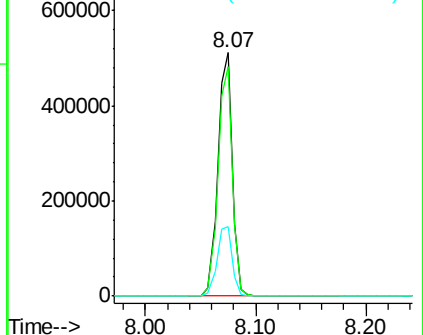


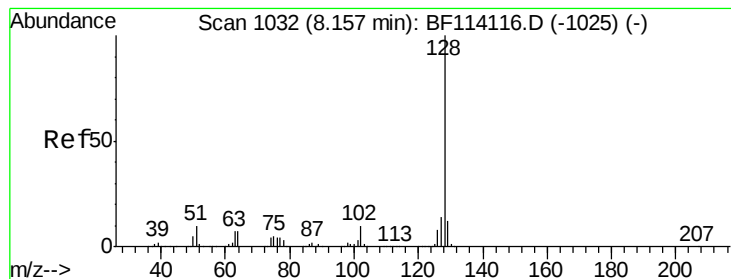
#30
 1,2,4-Trichlorobenzene
 Concen: 40.032 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.6	114.8
145	28.5	25.1	37.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.352 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampleId :

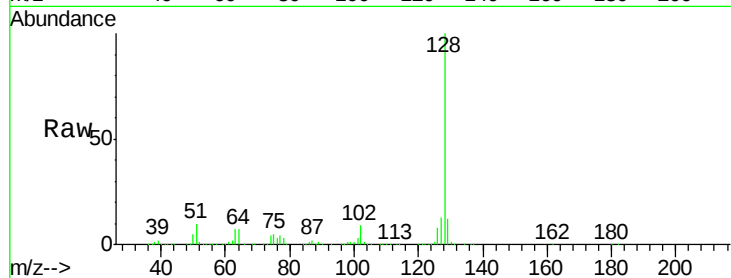
Tot Ion:128 Resp: 1501849

Ion Ratio Lower Upper

128 100

129 11.5 9.6 14.4

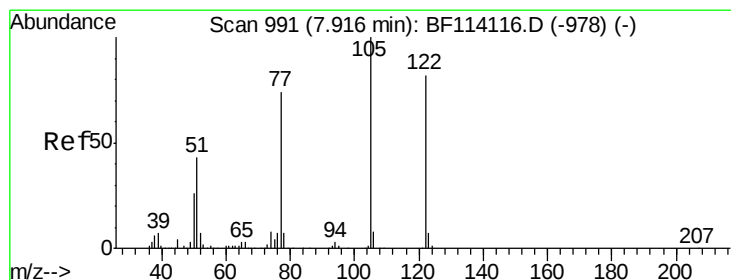
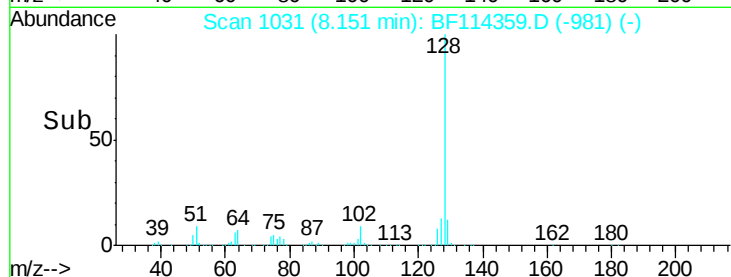
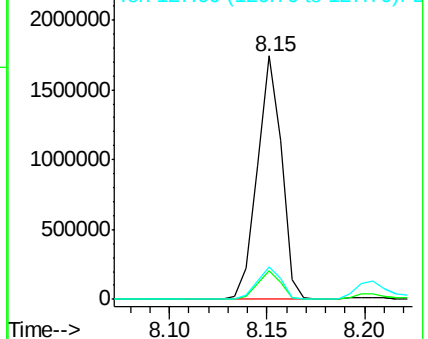
127 13.4 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.487 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.03 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

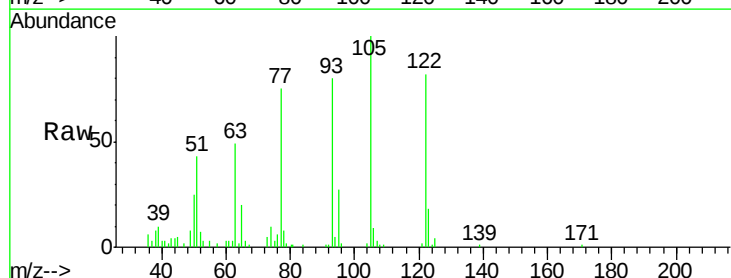
Tgt Ion:122 Resp: 55387

Ion Ratio Lower Upper

122 100

105 121.4 99.9 139.9

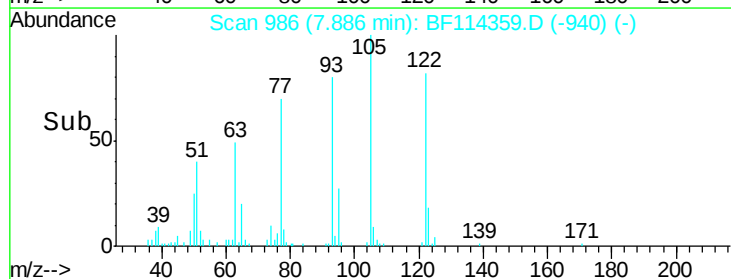
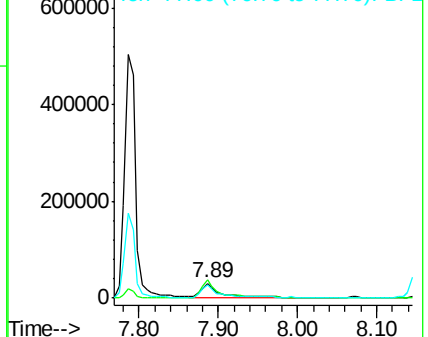
77 91.2 69.4 109.4

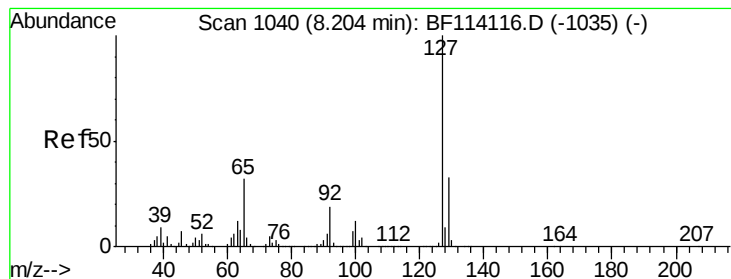


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 10.792 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 170361

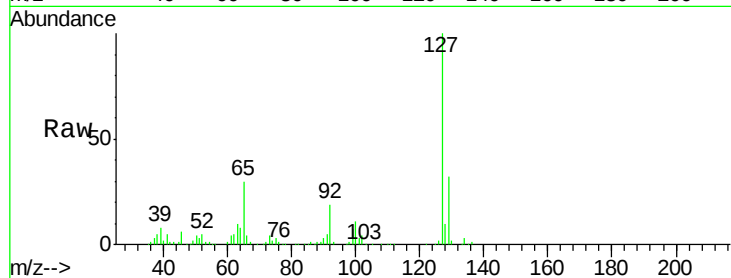
Ion Ratio Lower Upper

127 100

129 32.3 26.7 40.1

65 29.6 25.4 38.0

92 18.8 15.4 23.2

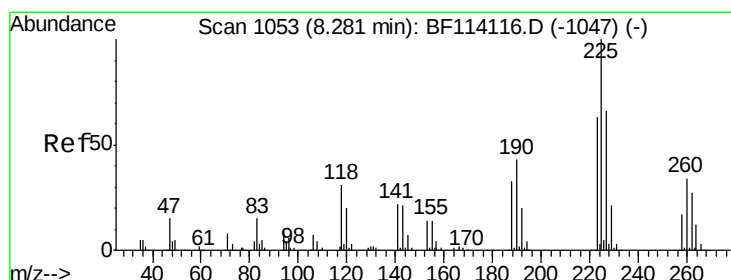
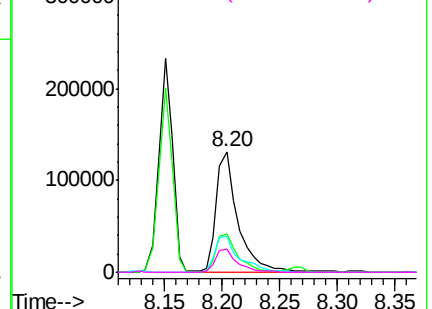
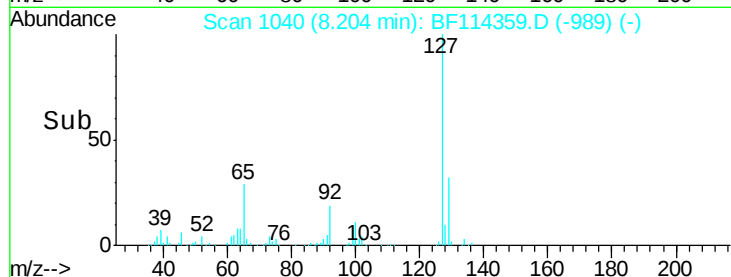


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 37.705 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

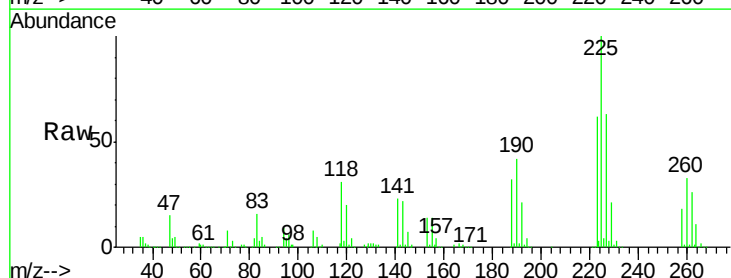
Tgt Ion:225 Resp: 249143

Ion Ratio Lower Upper

225 100

223 61.6 50.2 75.2

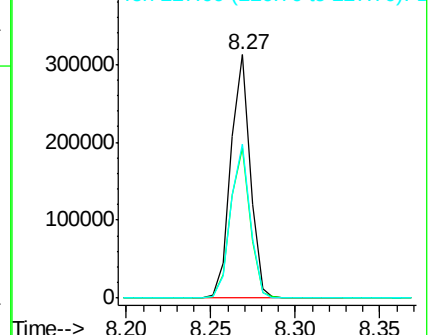
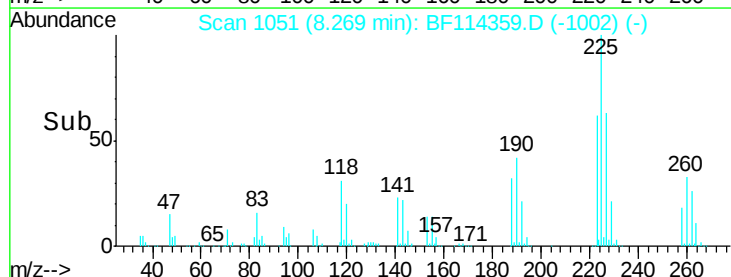
227 63.2 52.6 79.0

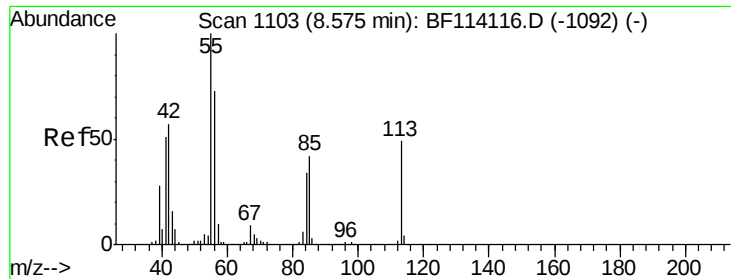


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

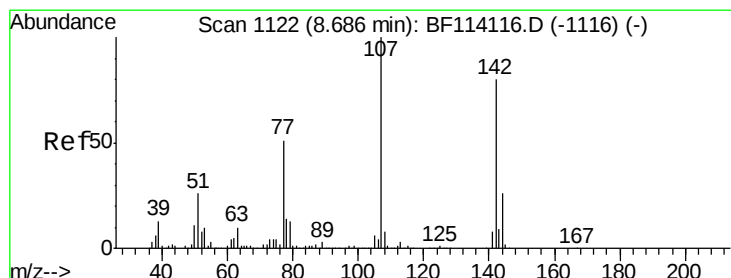
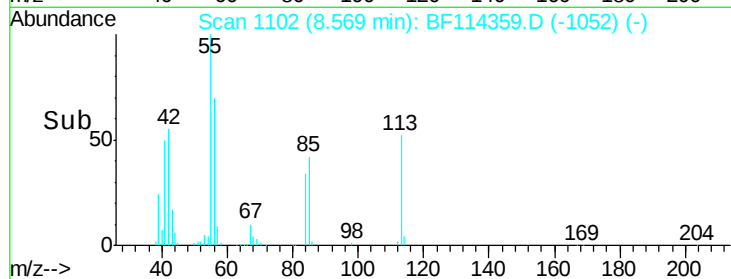
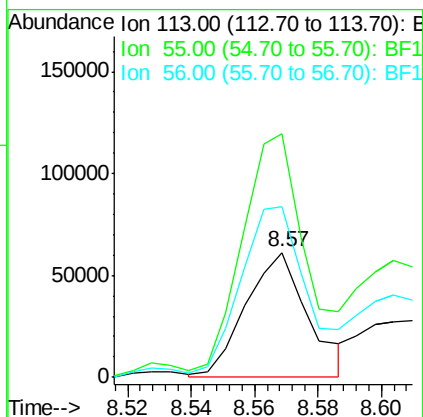
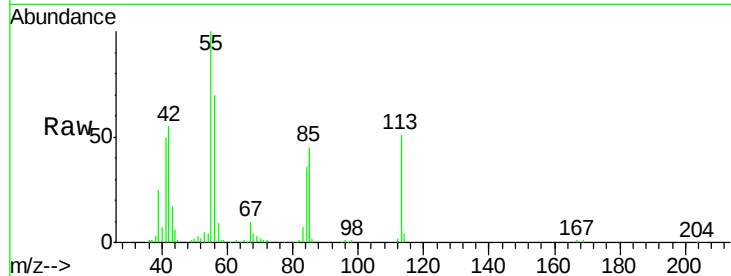




#35
 Caprolactam
 Concen: 24.904 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

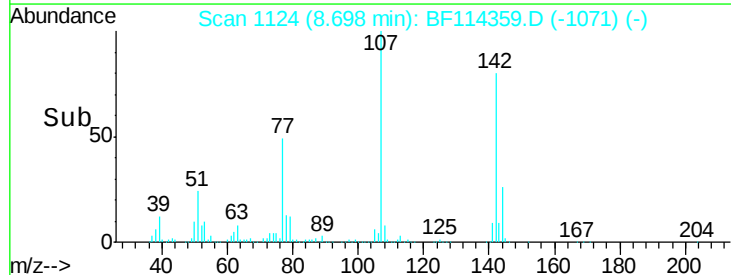
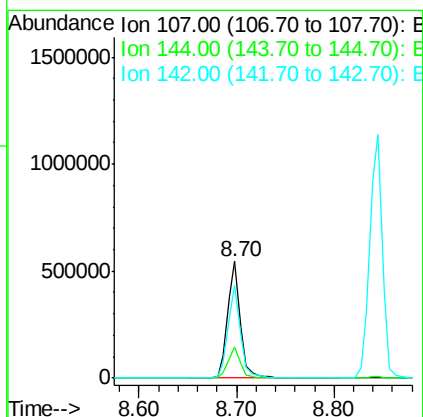
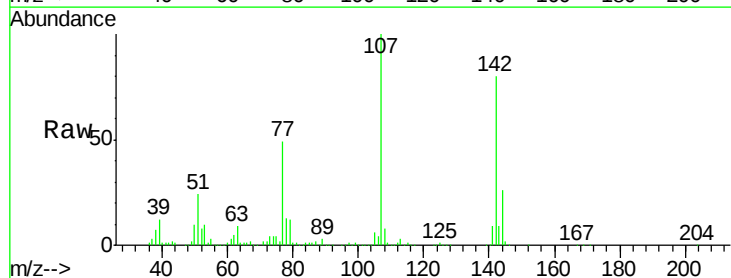
Instrument :
 BNA_F
 ClientSampleId :

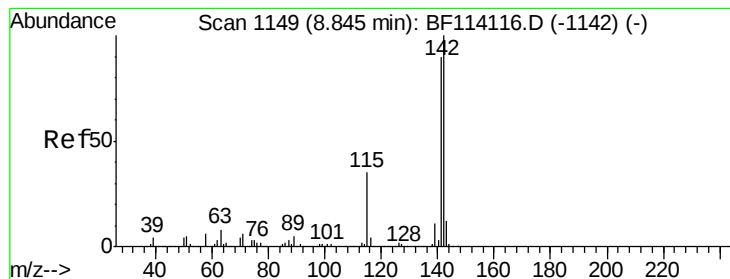
Tot Ion:113 Resp: 82932
 Ion Ratio Lower Upper
 113 100
 55 194.6 183.5 223.5
 56 136.2 128.8 168.8



#36
 4-Chloro-3-methylphenol
 Concen: 48.228 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Tgt Ion:107 Resp: 495778
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.4 30.6
 142 79.6 64.2 96.4





#37

2-Methylnaphthalene

Concen: 45.862 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampleId :

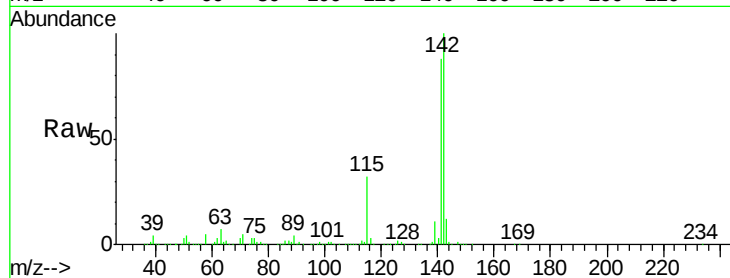
Tot Ion:142 Resp: 1025076

Ion Ratio Lower Upper

142 100

141 88.2 72.1 108.1

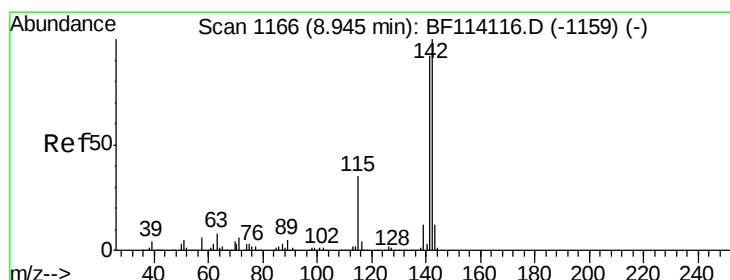
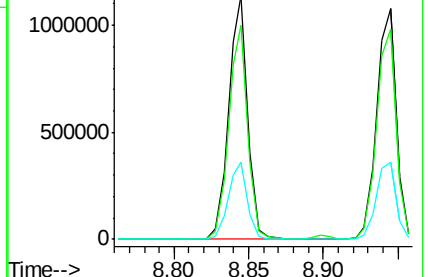
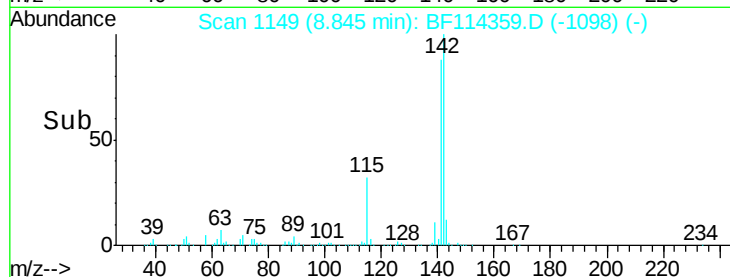
115 31.8 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.808 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

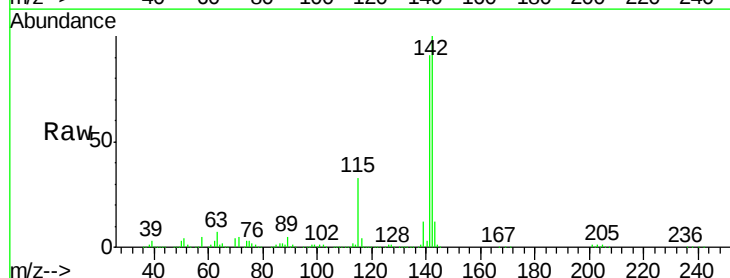
Tgt Ion:142 Resp: 964200

Ion Ratio Lower Upper

142 100

141 91.0 73.4 110.0

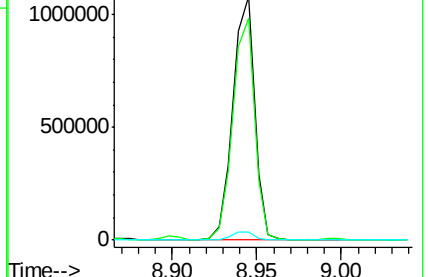
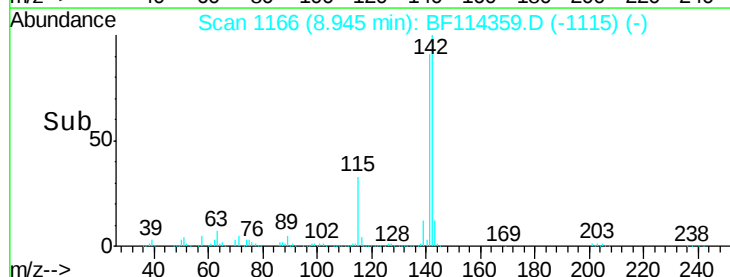
116 3.5 3.1 4.7

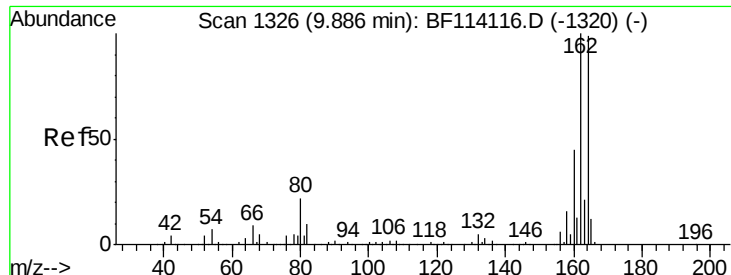


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampleId :

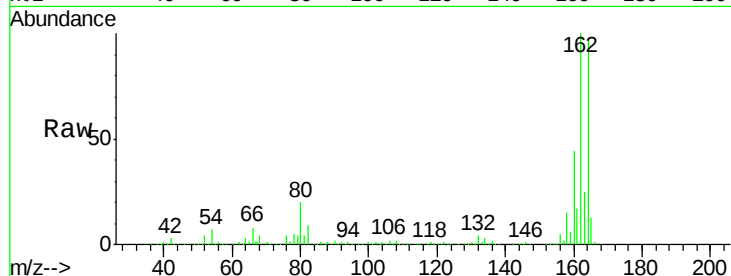
Tot Ion:164 Resp: 370010

Ion Ratio Lower Upper

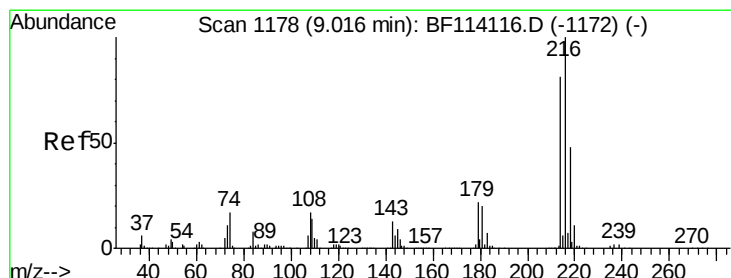
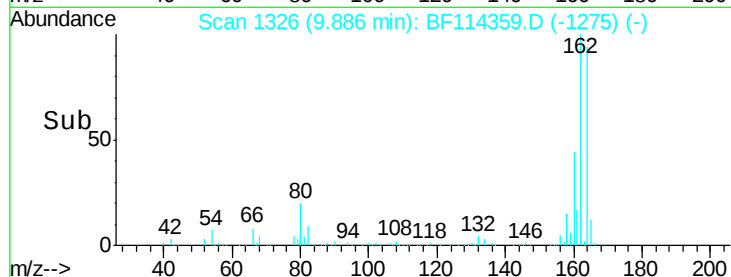
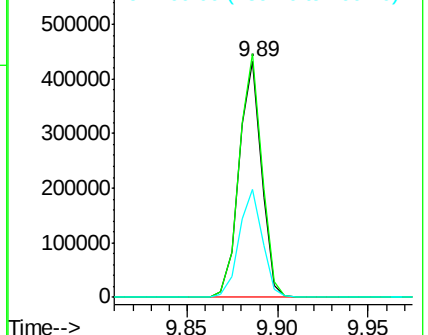
164 100

162 103.4 80.6 120.8

160 45.8 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.334 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Tgt Ion:216 Resp: 463290

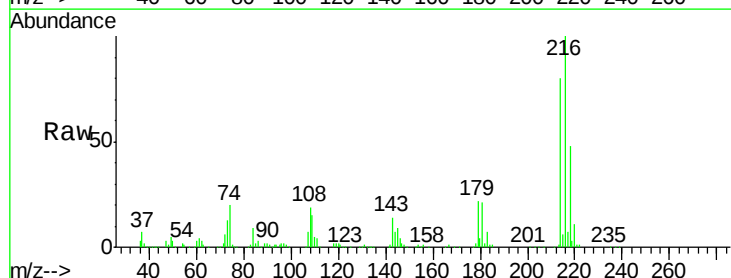
Ion Ratio Lower Upper

216 100

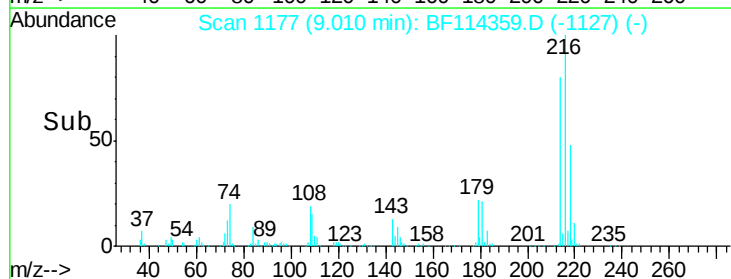
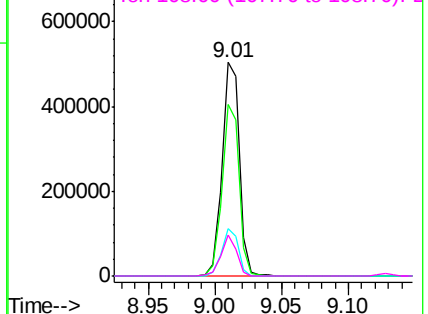
214 79.4 63.9 95.9

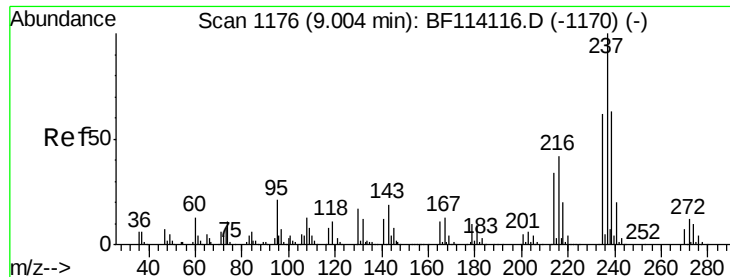
179 21.3 17.0 25.6

108 17.4 14.8 22.2



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 10.859 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampleId :

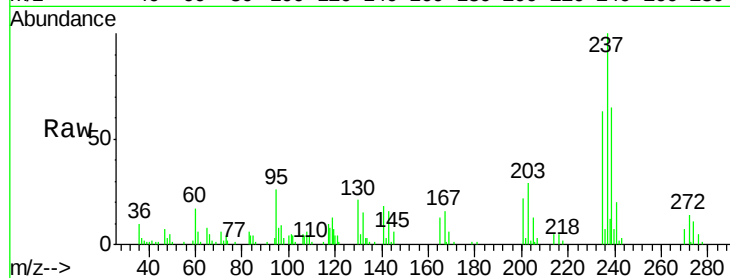
Tot Ion:237 Resp: 36075

Ion Ratio Lower Upper

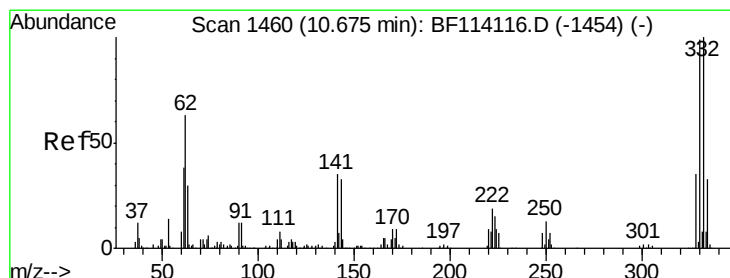
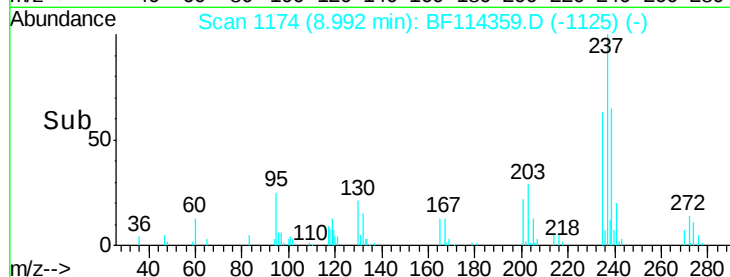
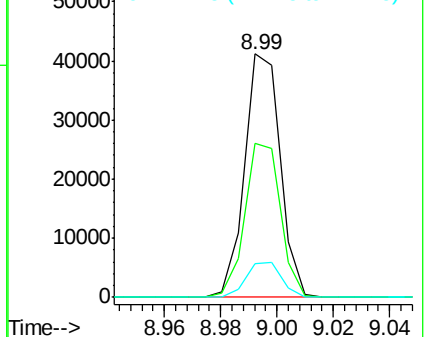
237 100

235 63.3 42.0 82.0

272 14.1 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 126.096 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

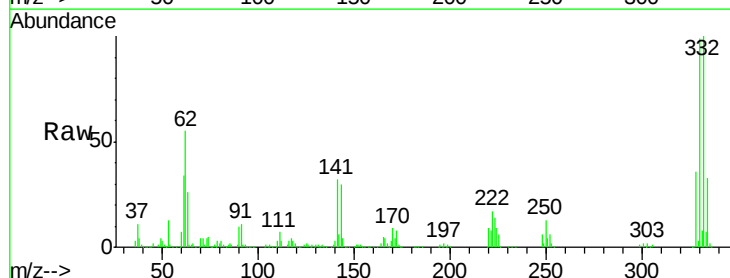
Tgt Ion:330 Resp: 482351

Ion Ratio Lower Upper

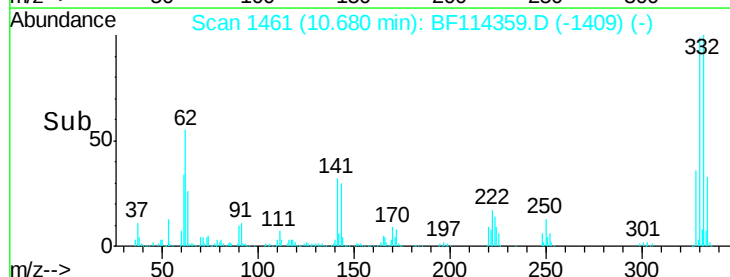
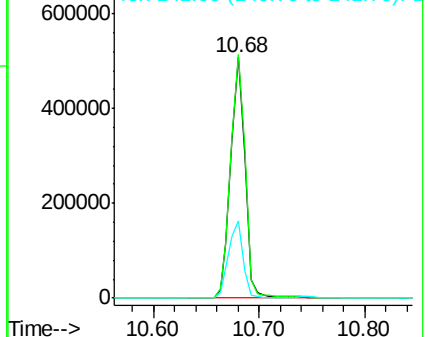
330 100

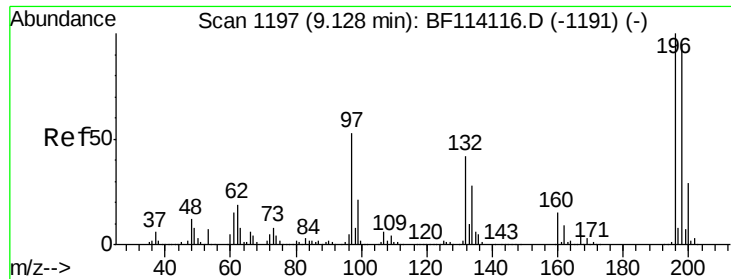
332 102.9 81.4 122.2

141 32.6 26.6 40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

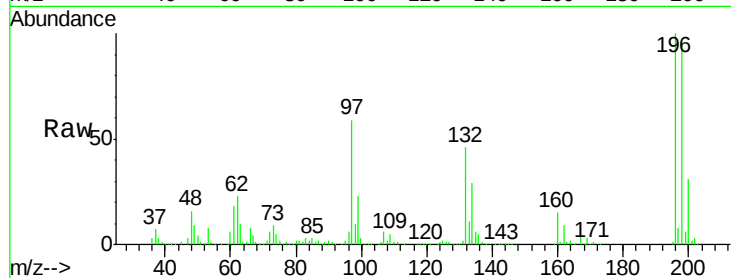




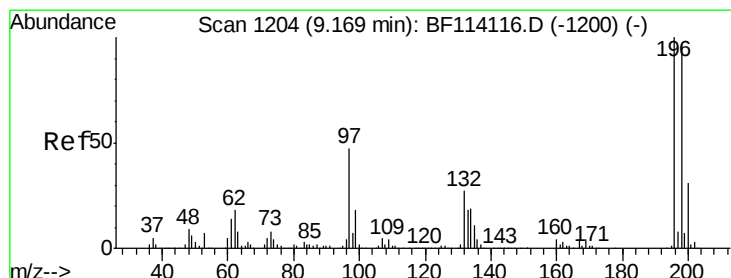
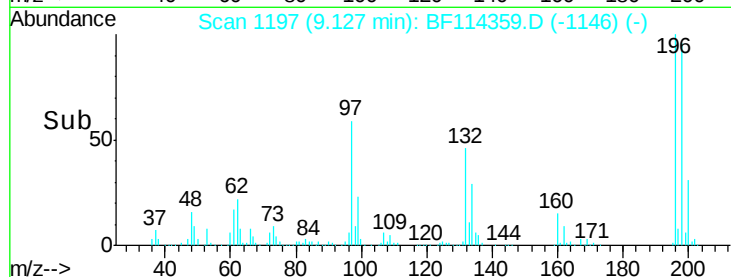
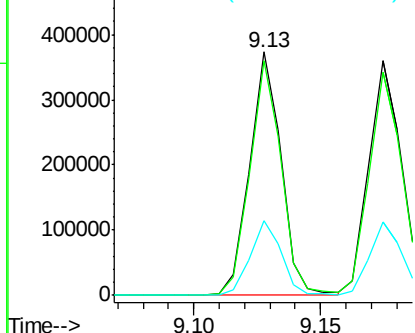
#43
 2,4,6-Trichlorophenol
 Concen: 41.896 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	322995
Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.9	113.9
200	30.6	23.5	35.3

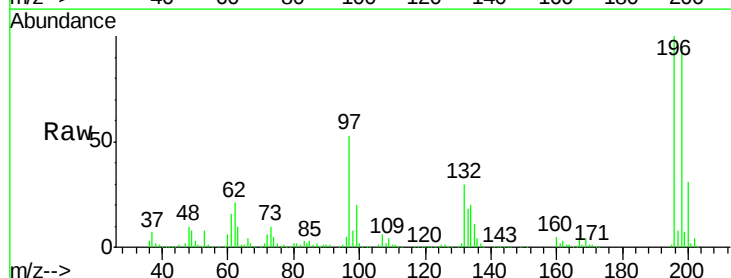


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

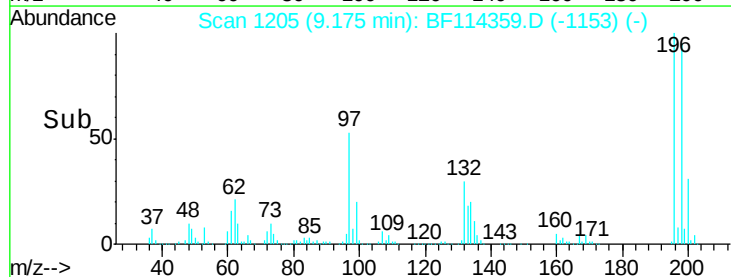
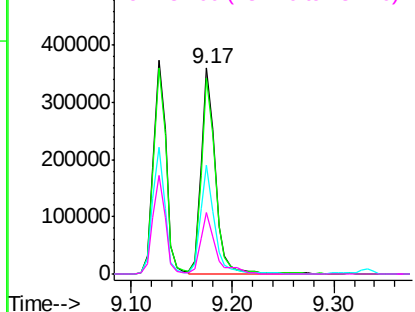


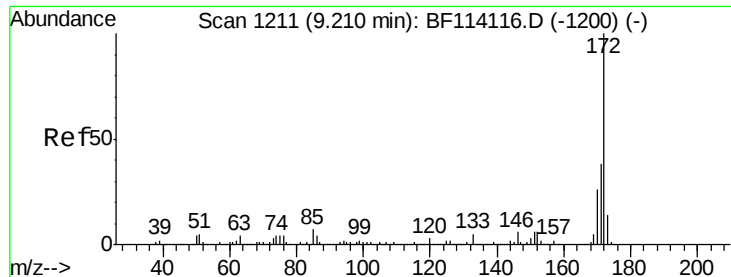
#44
 2,4,5-Trichlorophenol
 Concen: 44.047 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Tgt Ion	196	Resp	348256
Ion	Ratio	Lower	Upper
196	100		
198	94.9	77.7	116.5
97	53.0	38.2	57.2
132	29.8	21.4	32.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

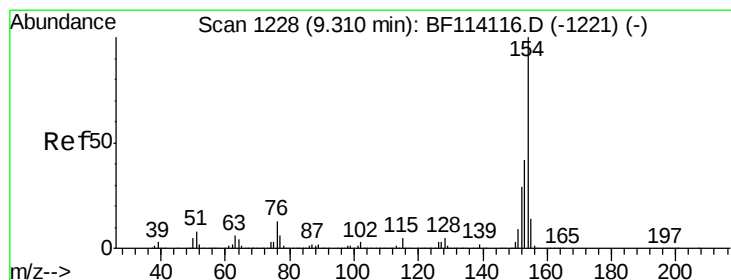
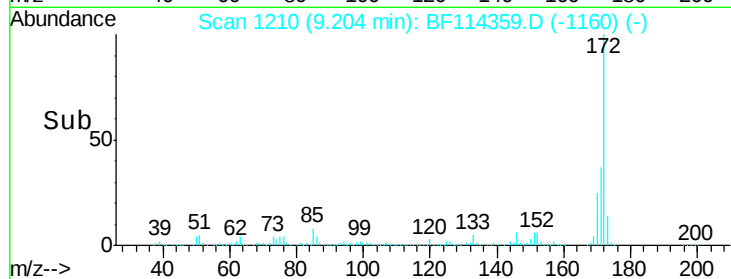
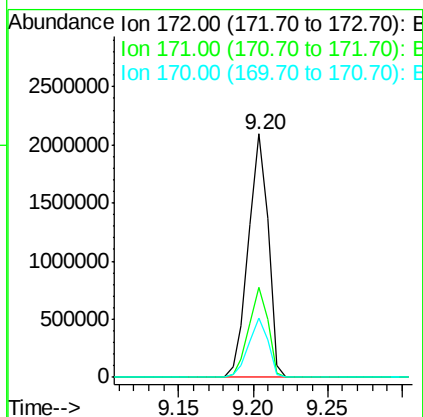
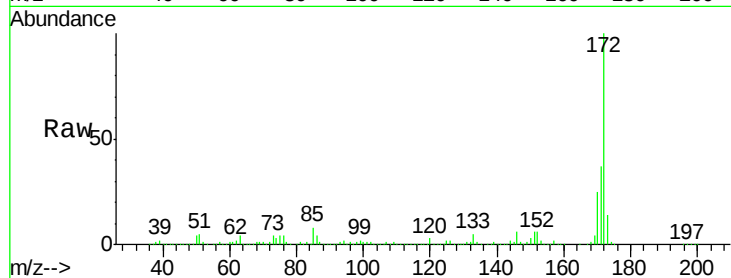




#45
 2-Fluorobiphenyl
 Concen: 78.553 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

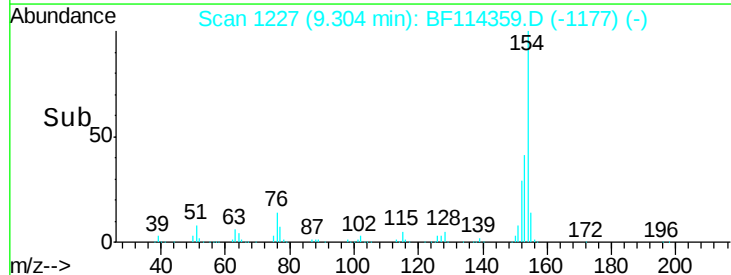
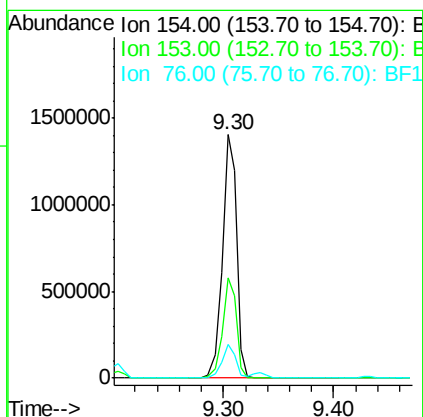
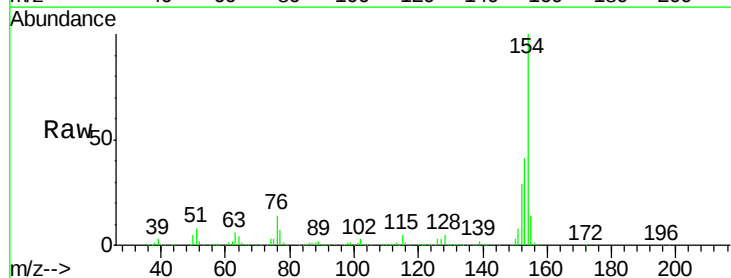
Instrument :
 BNA_F
 ClientSampleId :

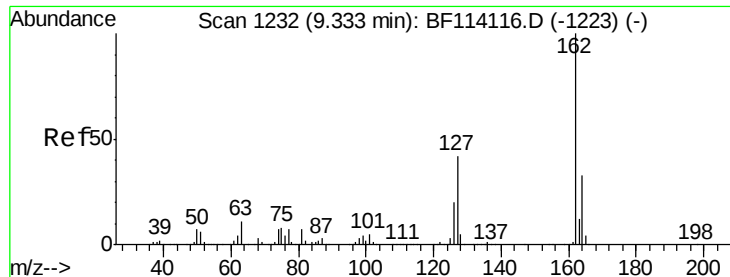
Tot Ion:172 Resp: 1921473
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.7 46.1
 170 24.6 20.5 30.7



#46
 1,1'-Biphenyl
 Concen: 42.023 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Tgt Ion:154 Resp: 1256141
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.9 61.9
 76 13.6 0.0 32.8

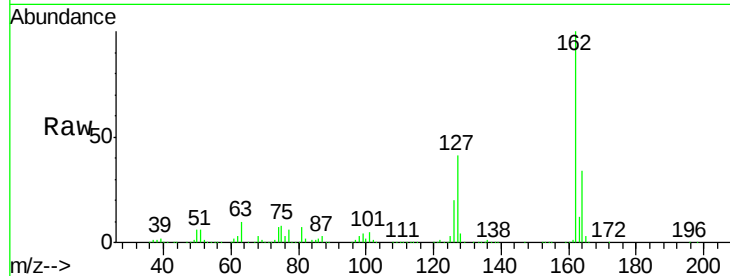




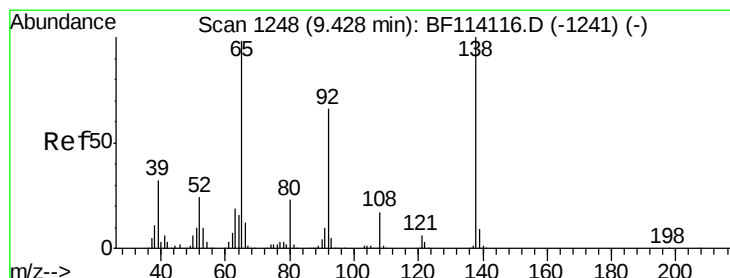
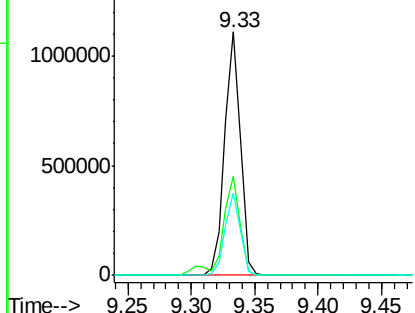
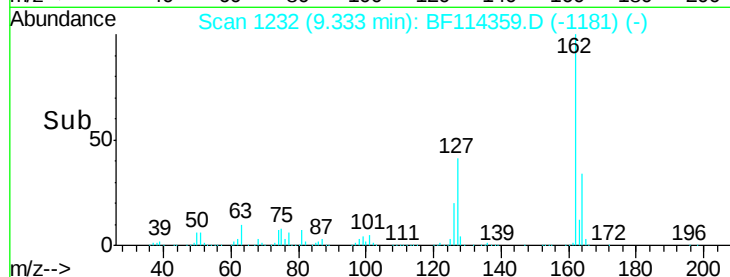
#47
 2-Chloronaphthalene
 Concen: 39.837 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	34.0	51.0
164	33.7	26.7	40.1

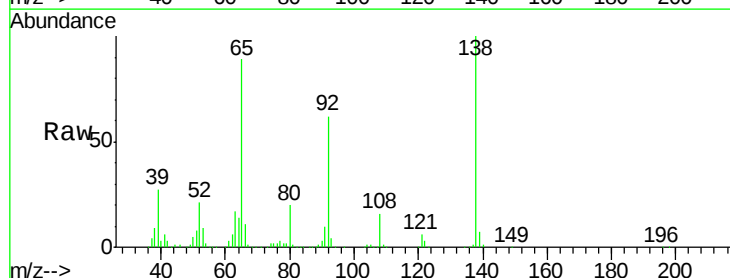


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

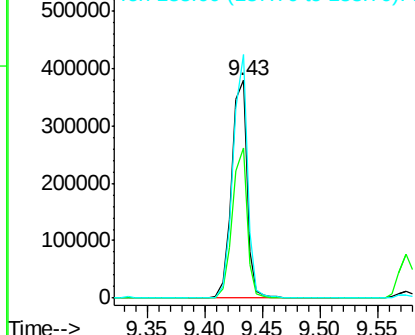
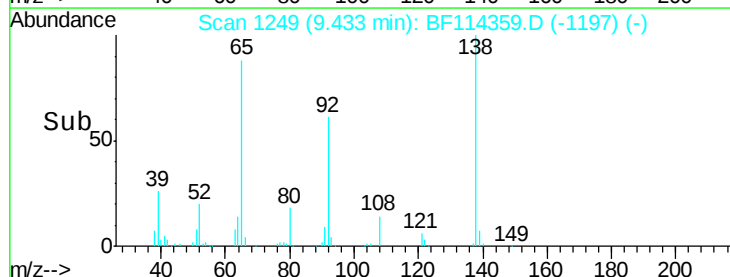


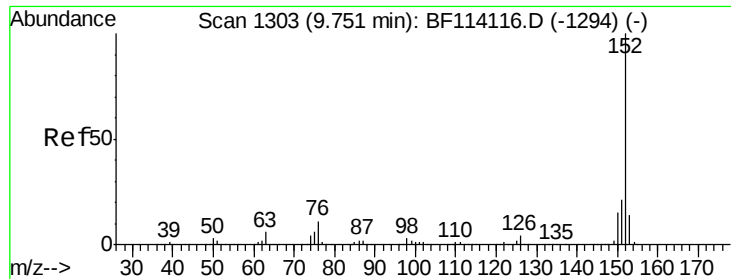
#48
 2-Nitroaniline
 Concen: 41.557 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.8	53.9	80.9
138	111.9	81.4	122.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.888 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampleId :

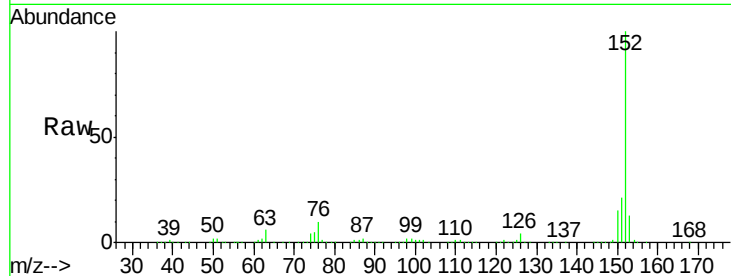
Tot Ion:152 Resp: 1569224

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

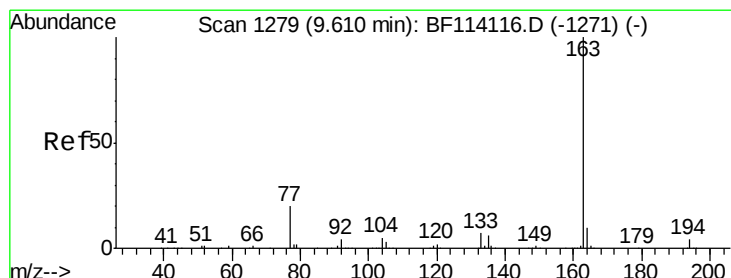
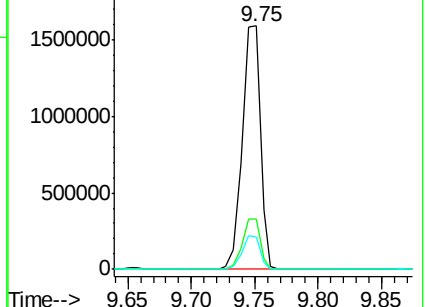
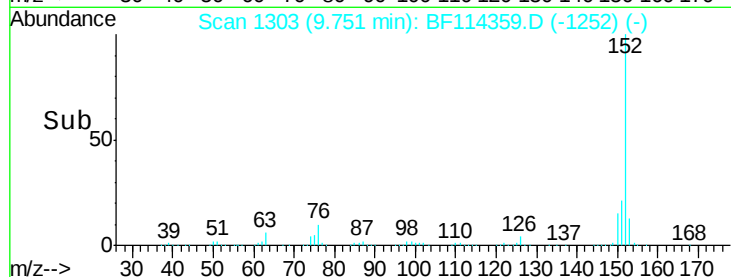
153 13.4 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.915 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

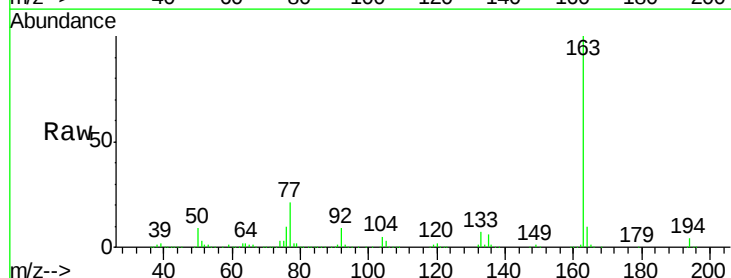
Tgt Ion:163 Resp: 1437283

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

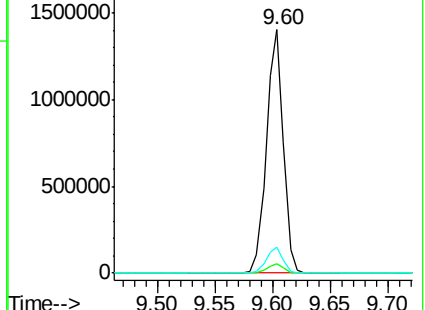
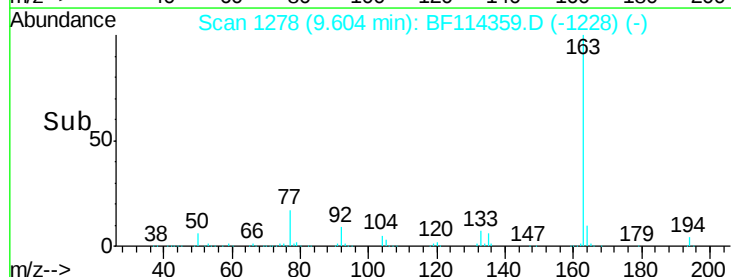
164 10.5 8.2 12.2

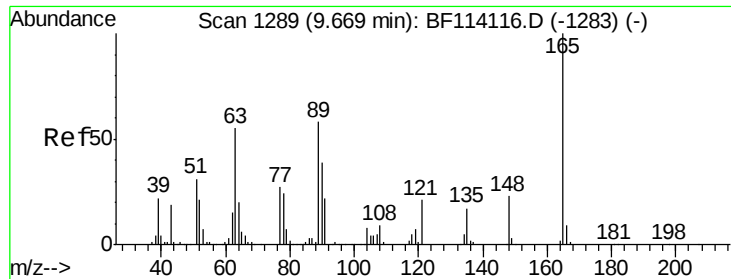


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.736 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampleId :

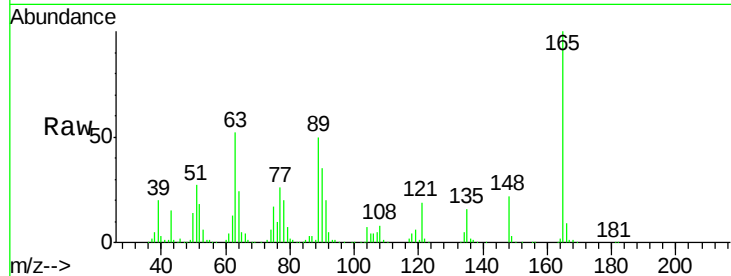
Tot Ion:165 Resp: 263490

Ion Ratio Lower Upper

165 100

63 52.4 50.2 75.4

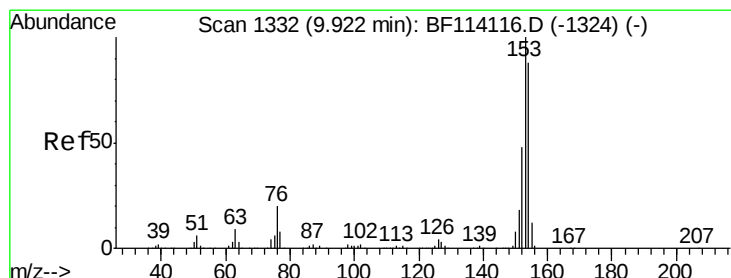
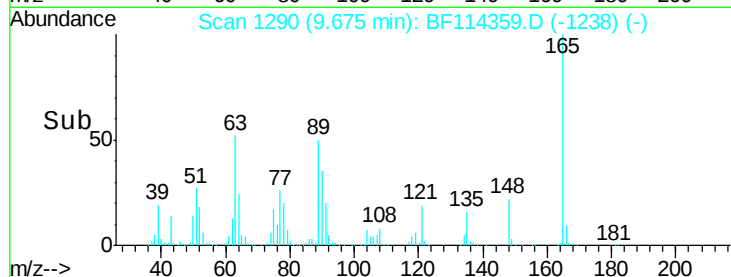
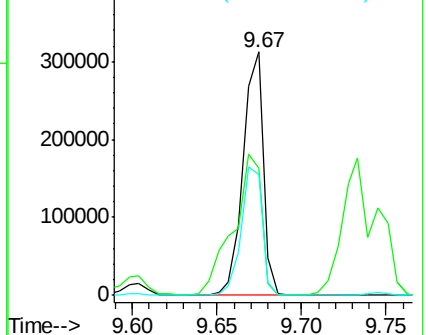
89 49.5 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.689 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

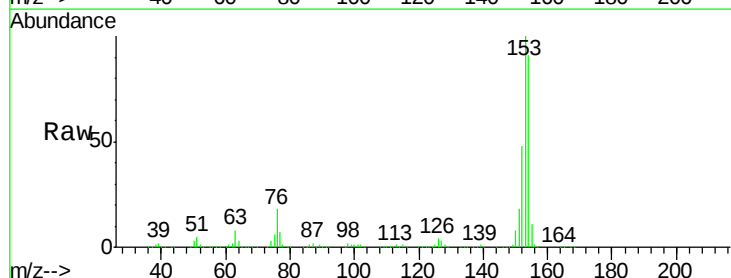
Tgt Ion:154 Resp: 913562

Ion Ratio Lower Upper

154 100

153 110.0 90.5 135.7

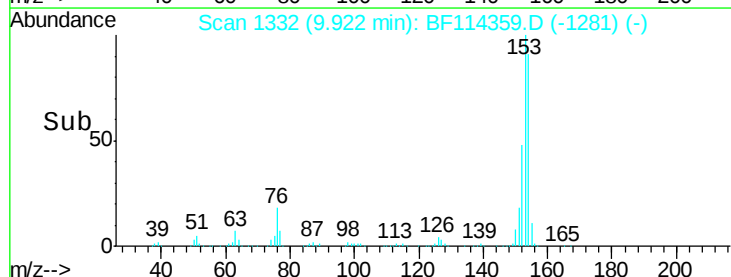
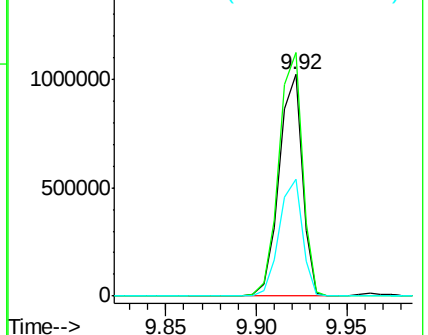
152 52.9 43.4 65.2

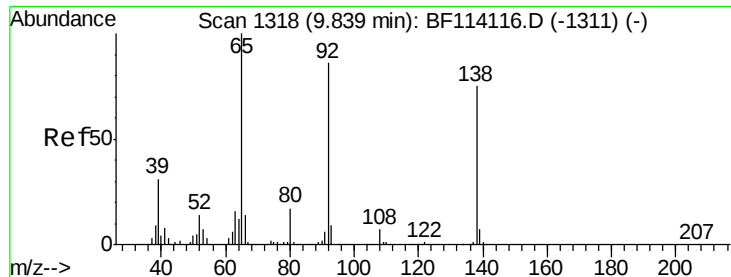


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

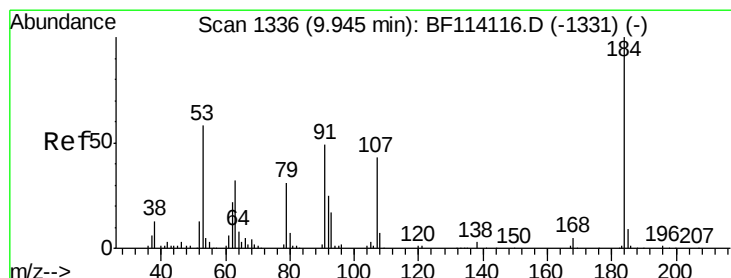
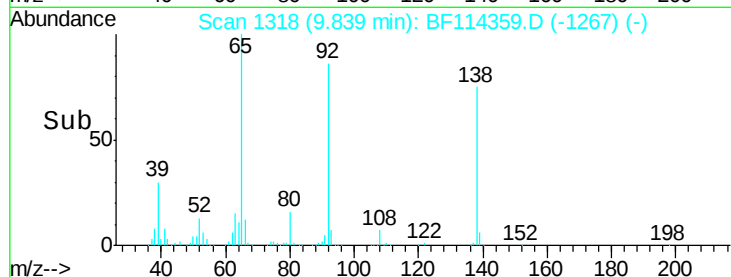
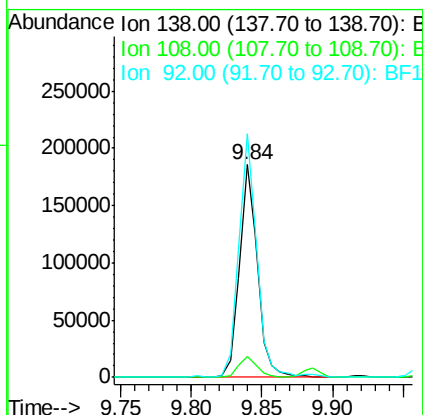
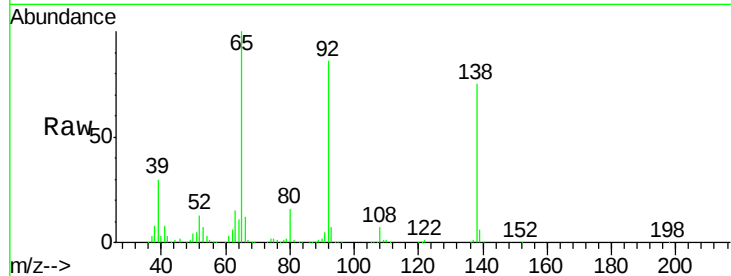




#53
3-Nitroaniline
Concen: 22.094 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

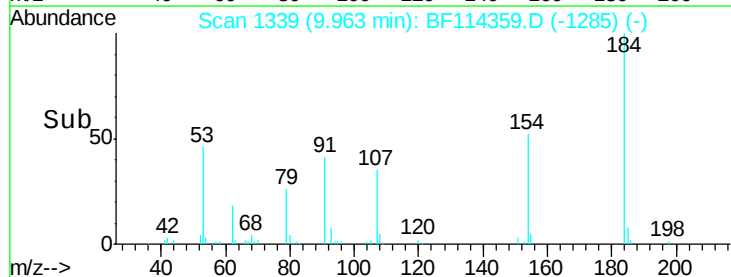
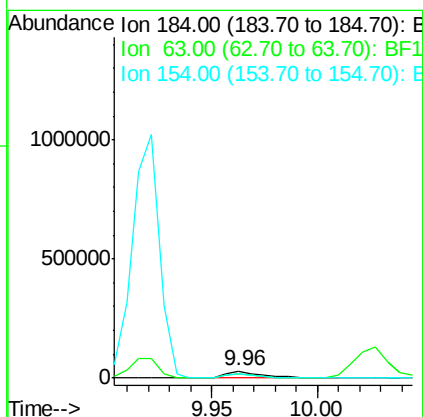
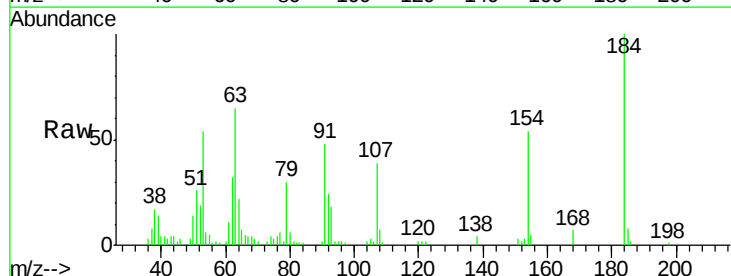
Instrument :
BNA_F
ClientSampleId :

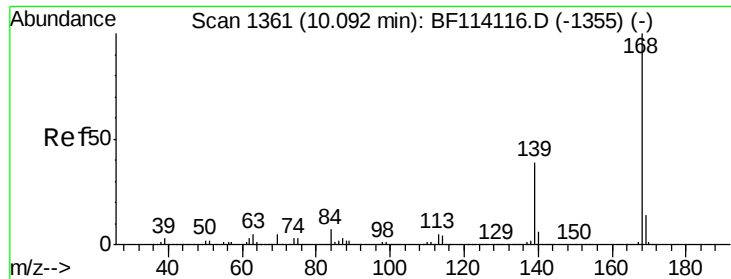
Tot Ion:138 Resp: 165234
Ion Ratio Lower Upper
138 100
108 10.0 7.8 11.6
92 114.5 91.2 136.8



#54
2,4-Dinitrophenol
Concen: 17.810 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion:184 Resp: 36606
Ion Ratio Lower Upper
184 100
63 65.0 55.6 83.4
154 53.7 46.0 69.0

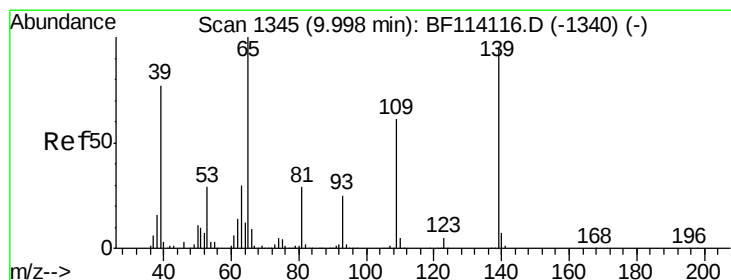
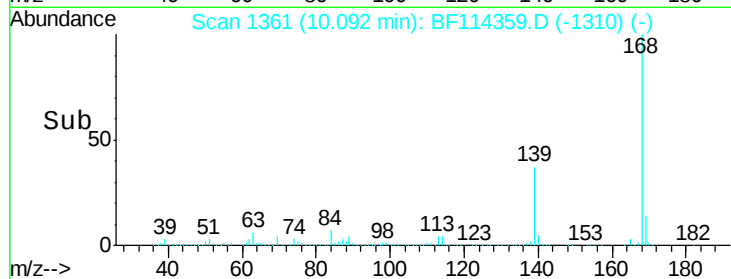
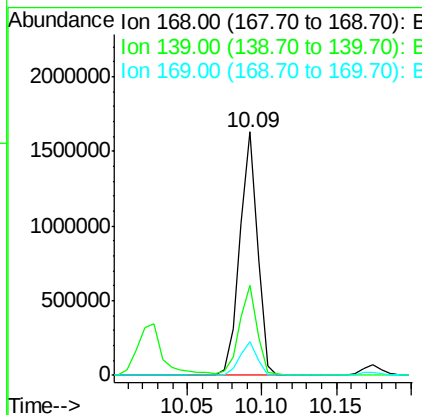
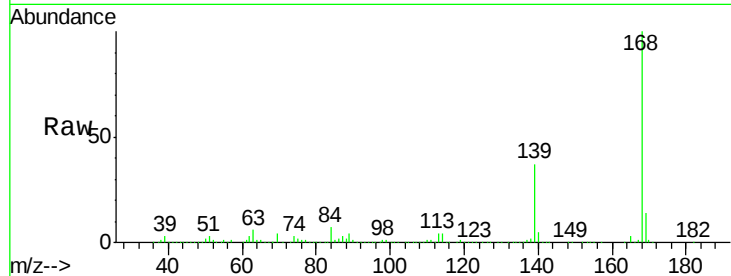




#55
Dibenzenofuran
Concen: 41.115 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

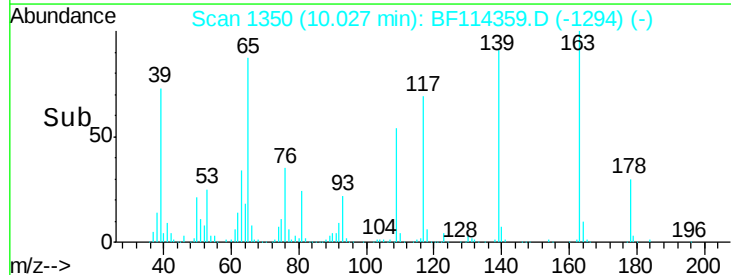
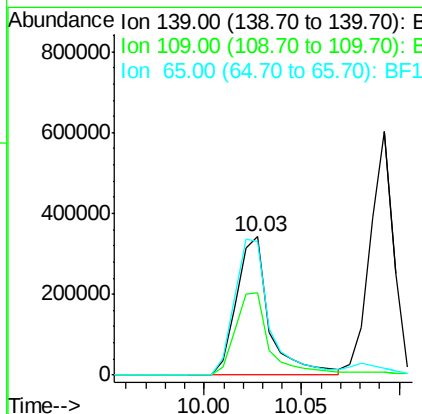
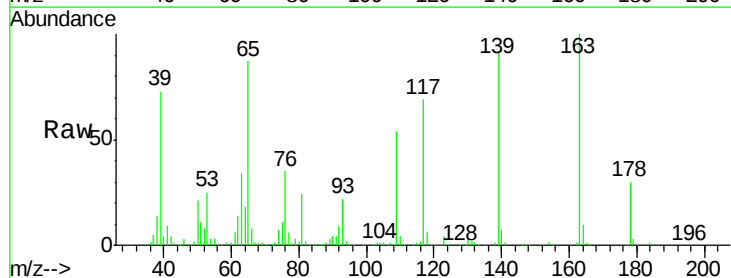
Instrument :
BNA_F
ClientSampleId :

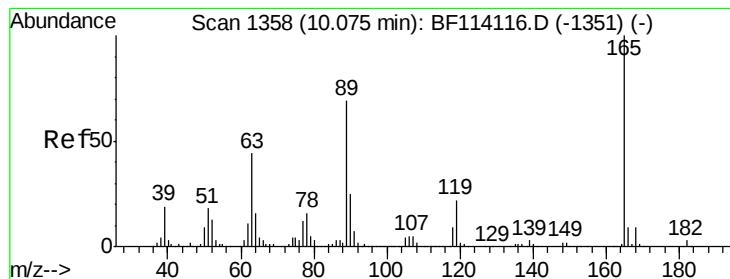
Tot Ion:168 Resp: 1353636
Ion Ratio Lower Upper
168 100
139 36.9 31.1 46.7
169 13.9 11.4 17.0



#56
4-Nitrophenol
Concen: 75.823 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.03 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion:139 Resp: 401011
Ion Ratio Lower Upper
139 100
109 59.6 43.9 83.9
65 96.3 85.7 125.7

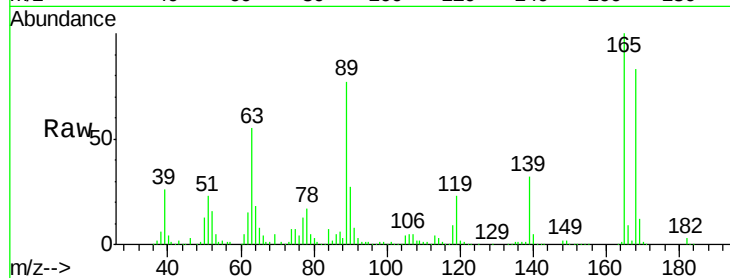




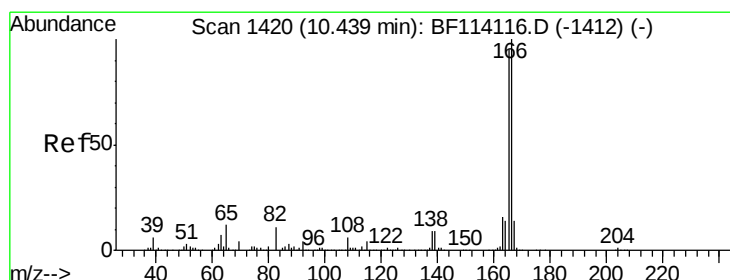
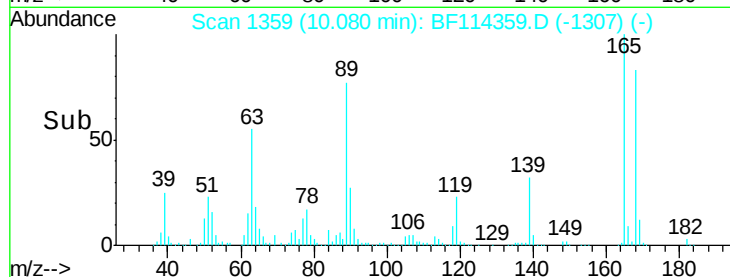
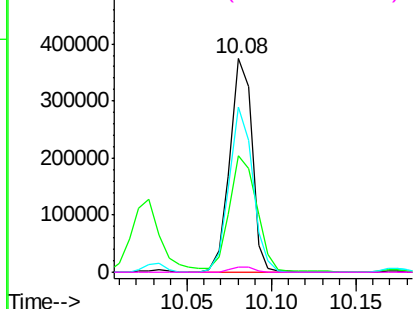
#57
2,4-Dinitrotoluene
Concen: 41.878 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 342441
Ion Ratio Lower Upper
165 100
63 54.8 35.5 53.3#
89 77.0 55.2 82.8
182 2.6 2.2 3.2

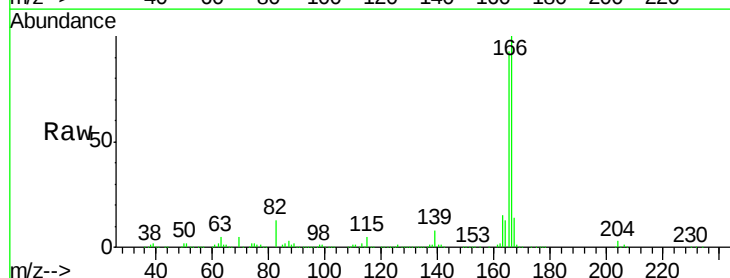


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

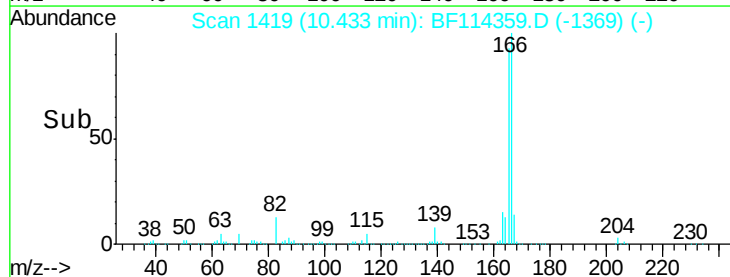
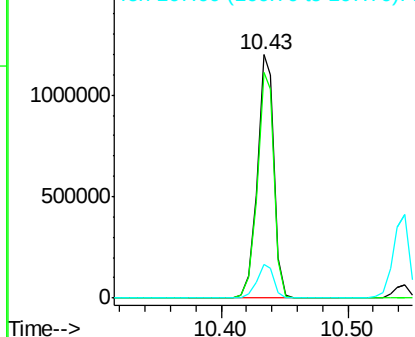


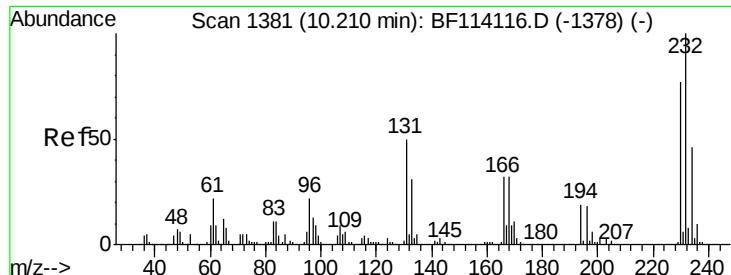
#58
Fluorene
Concen: 43.710 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion:166 Resp: 1111561
Ion Ratio Lower Upper
166 100
165 92.8 76.1 114.1
167 13.8 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

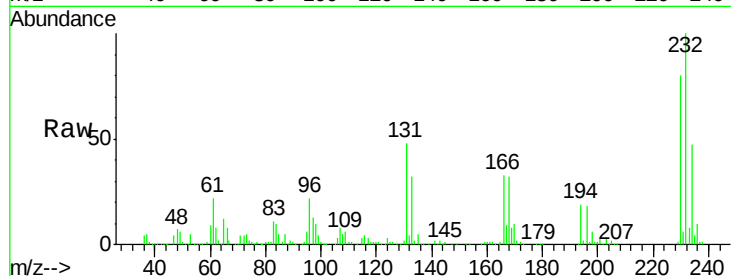




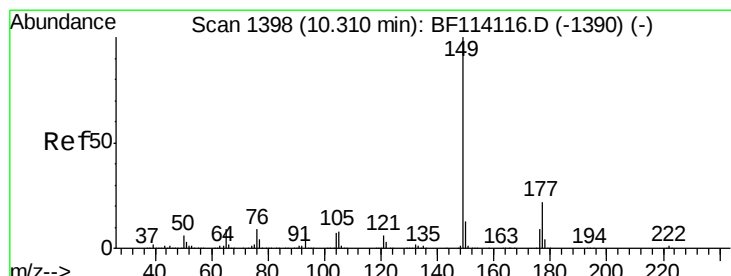
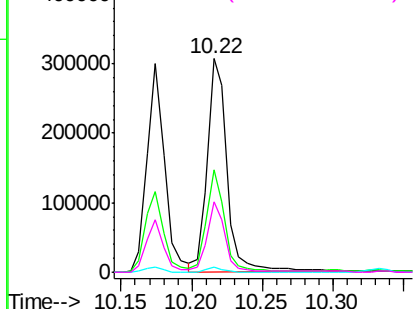
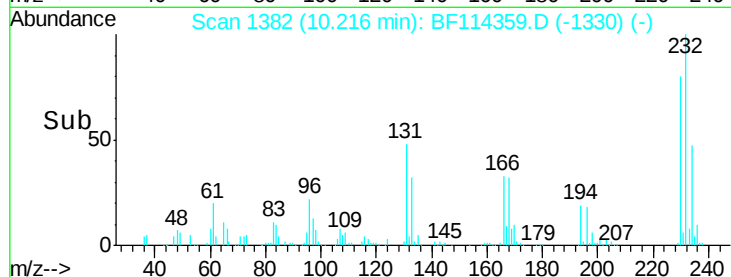
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.415 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 296175
Ion Ratio Lower Upper
232 100
131 43.3 35.6 53.4
130 2.1 1.6 2.4
166 30.0 24.1 36.1

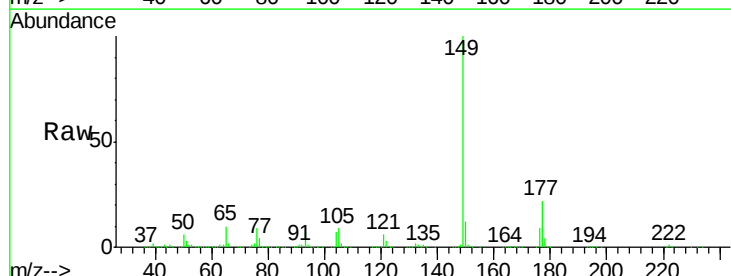


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

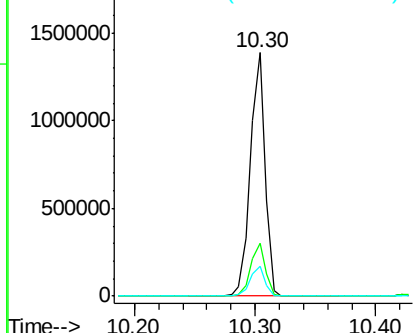
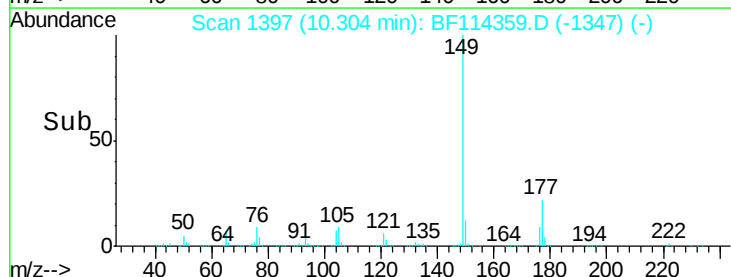


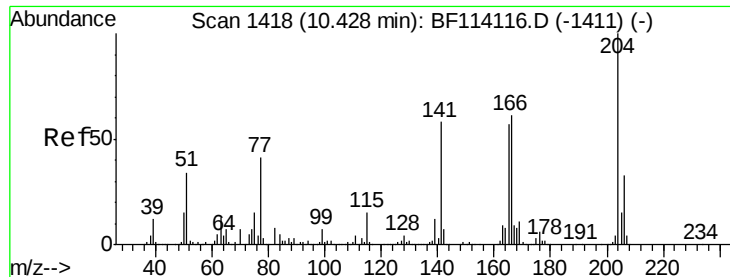
#60
Diethylphthalate
Concen: 43.033 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion:149 Resp: 1187641
Ion Ratio Lower Upper
149 100
177 21.8 17.8 26.6
150 12.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

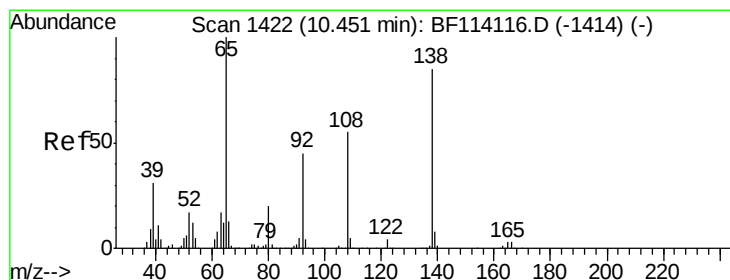
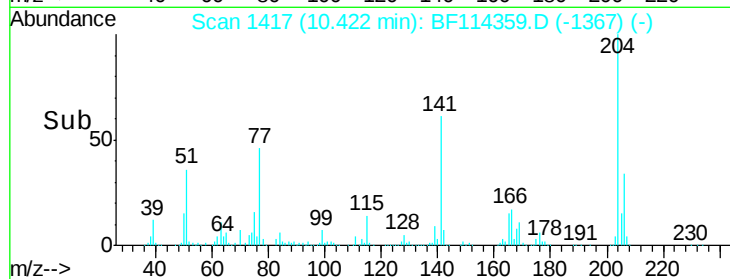
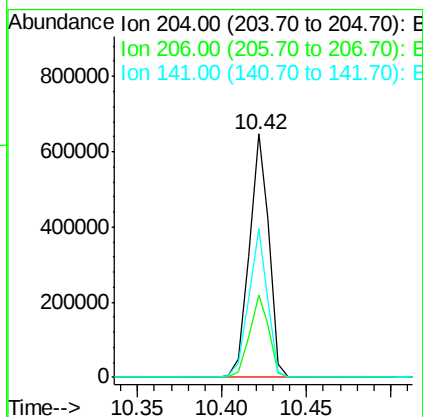
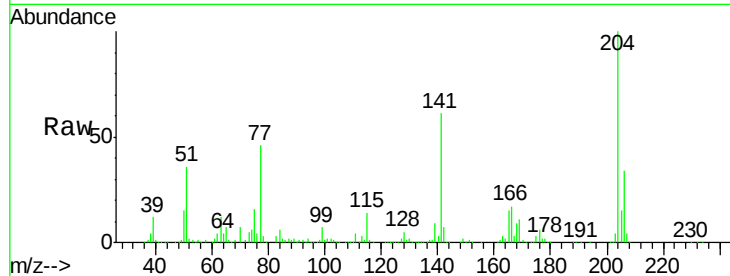




#61
4-Chlorophenyl-phenylether
Concen: 41.855 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

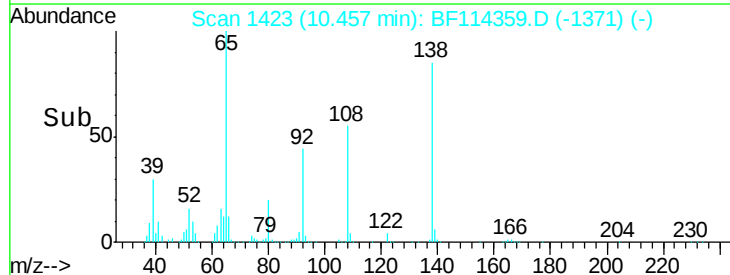
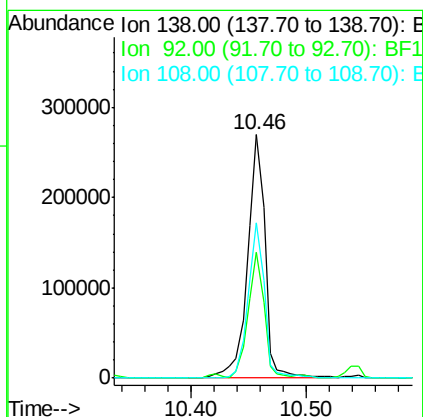
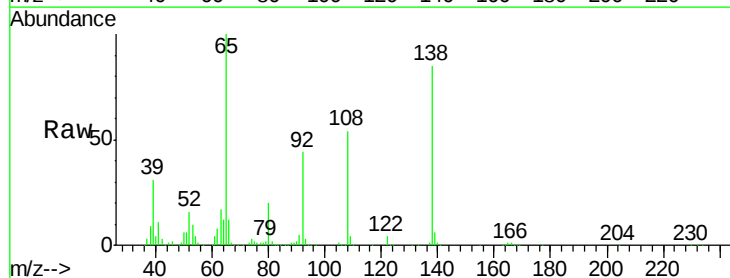
Instrument :
BNA_F
ClientSampled :

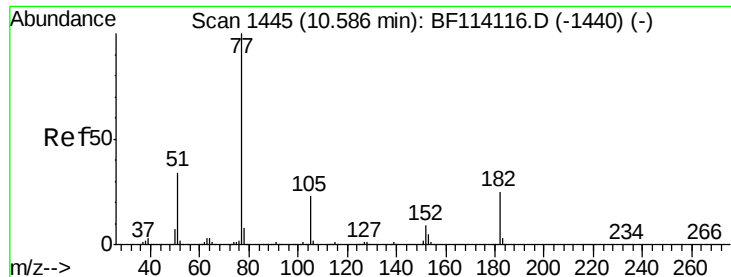
Tot Ion:204 Resp: 522769
Ion Ratio Lower Upper
204 100
206 33.6 26.6 39.8
141 61.0 46.4 69.6



#62
4-Nitroaniline
Concen: 36.131 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion:138 Resp: 283939
Ion Ratio Lower Upper
138 100
92 51.9 33.0 73.0
108 64.0 44.9 84.9





#63

Azobenzene

Concen: 42.716 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1141101

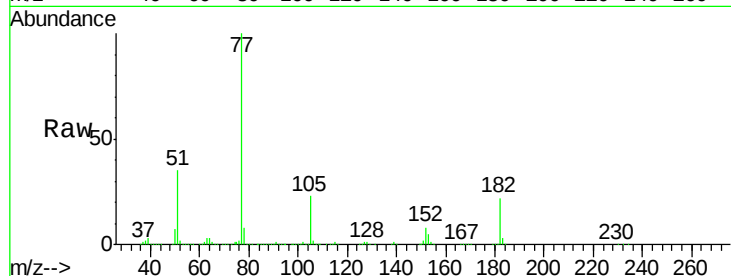
Ion	Ratio	Lower	Upper
77	100		
182	22.2	4.7	44.7
105	23.2	2.9	42.9
51	35.0	14.6	54.6

77 100

182 22.2 4.7 44.7

105 23.2 2.9 42.9

51 35.0 14.6 54.6

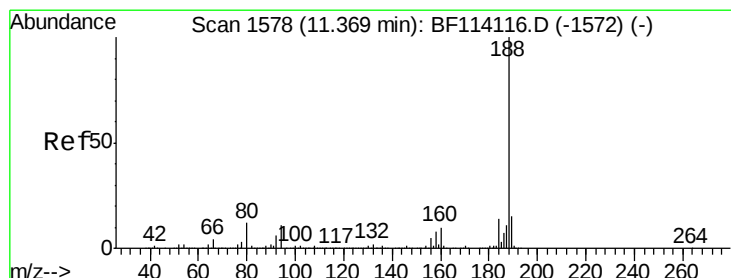
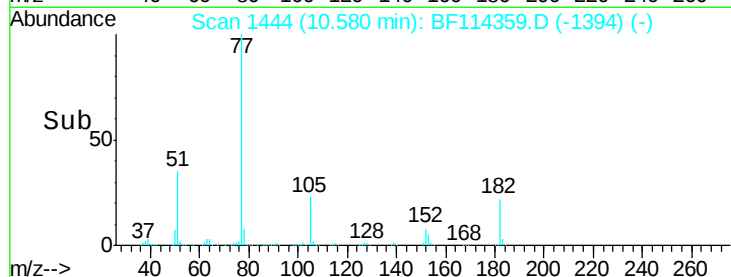
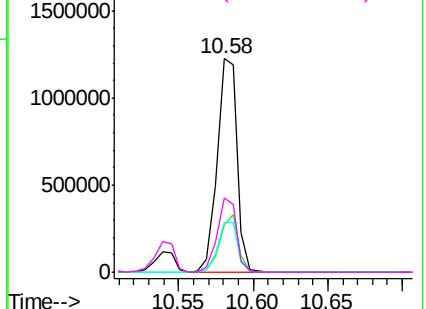


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

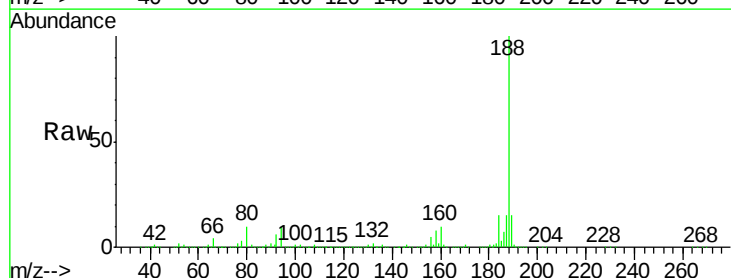
Tgt Ion: 188 Resp: 765799

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.4	12.6
80	10.3	9.2	13.8

188 100

94 10.0 8.4 12.6

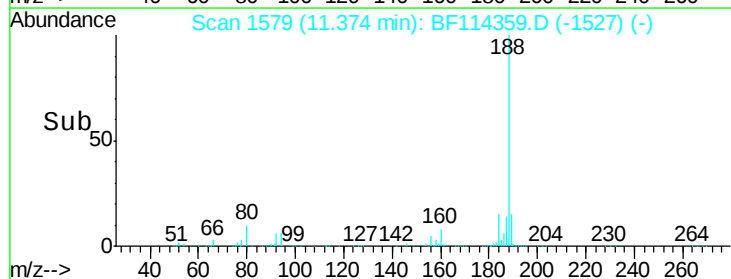
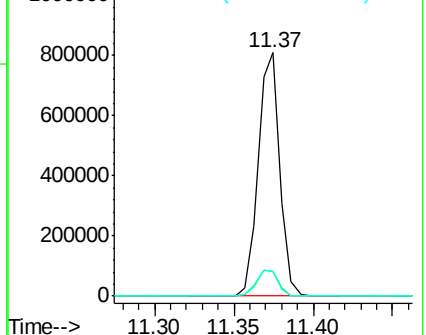
80 10.3 9.2 13.8

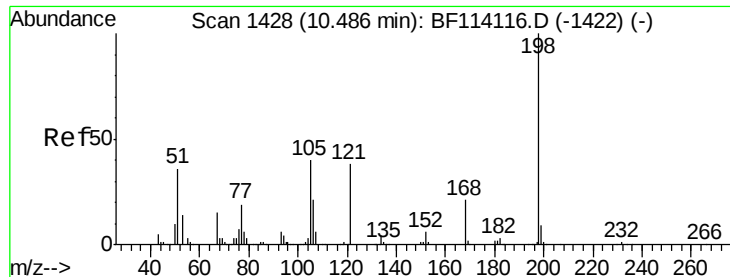


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 16.326 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampleId :

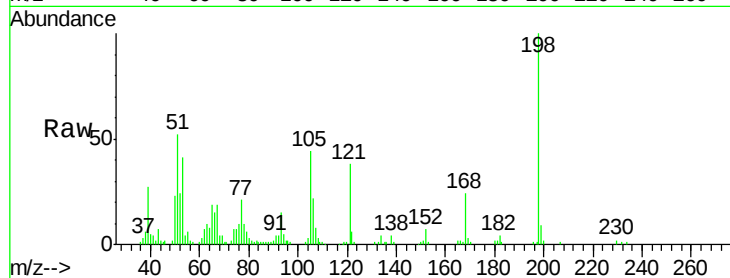
Tot Ion:198 Resp: 60077

Ion Ratio Lower Upper

198 100

51 52.2 28.0 68.0

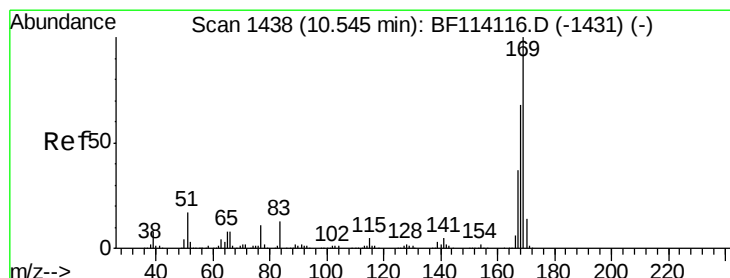
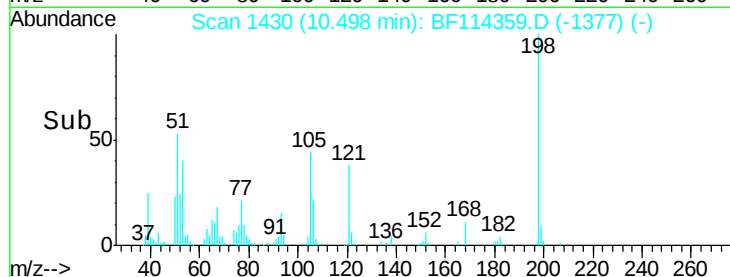
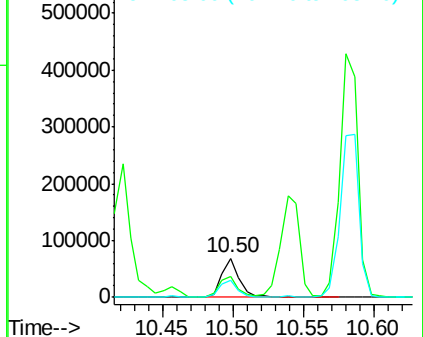
105 43.5 21.1 61.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.435 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

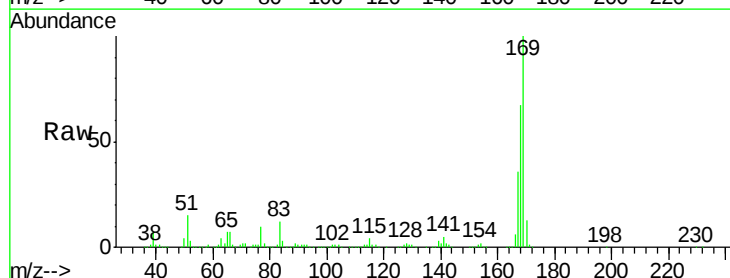
Tgt Ion:169 Resp: 1009532

Ion Ratio Lower Upper

169 100

168 67.2 54.2 81.2

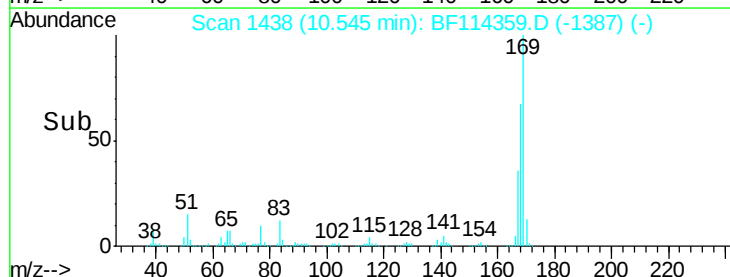
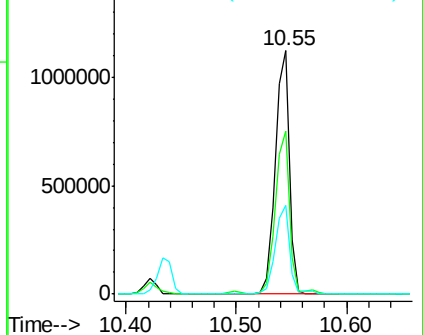
167 36.4 29.8 44.8

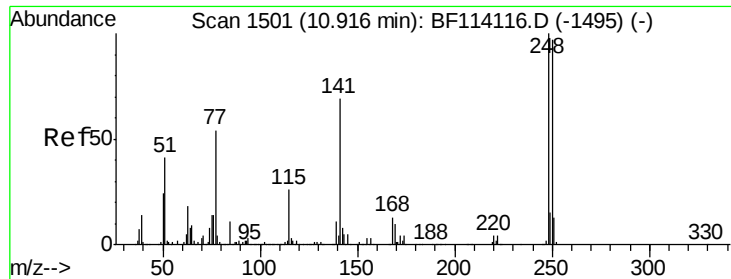


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

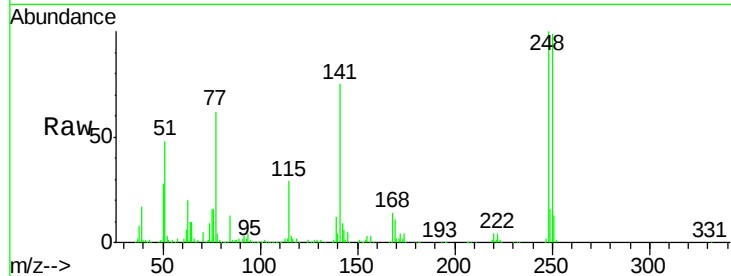




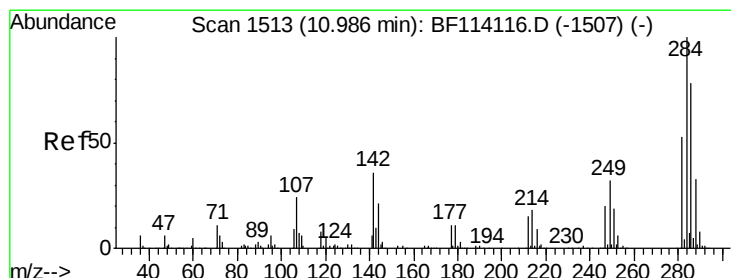
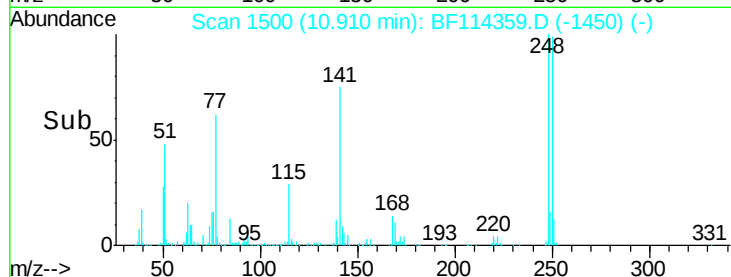
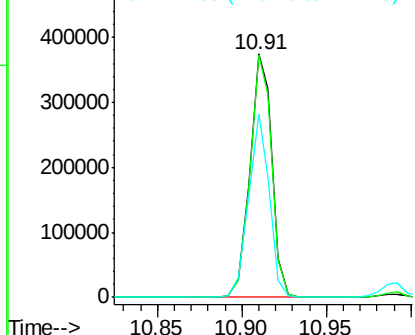
#67
4-Bromophenyl-phenylether
Concen: 40.497 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 341461
Ion Ratio Lower Upper
248 100
250 99.4 77.4 116.2
141 75.2 55.6 83.4

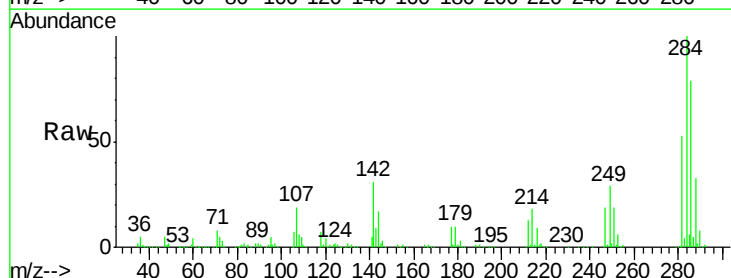


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

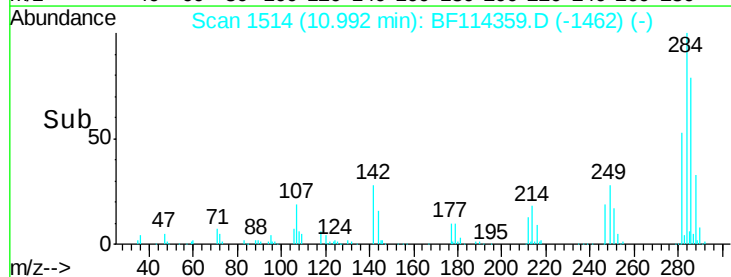
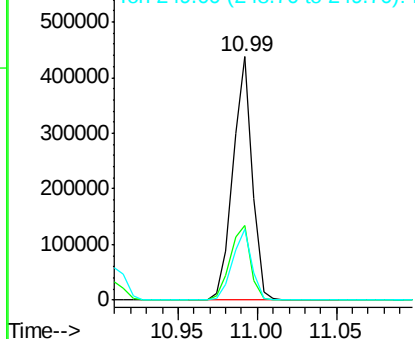


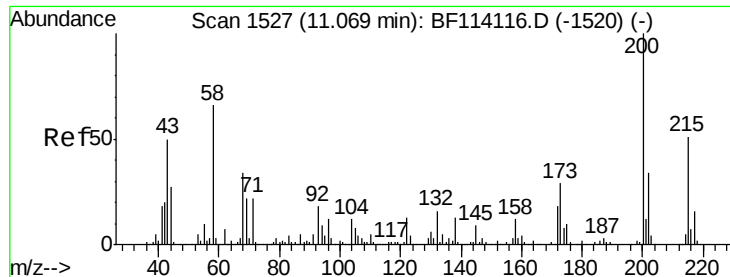
#68
Hexachlorobenzene
Concen: 39.400 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion:284 Resp: 367517
Ion Ratio Lower Upper
284 100
142 30.7 28.4 42.6
249 29.2 25.2 37.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 44.063 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.00 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampleId :

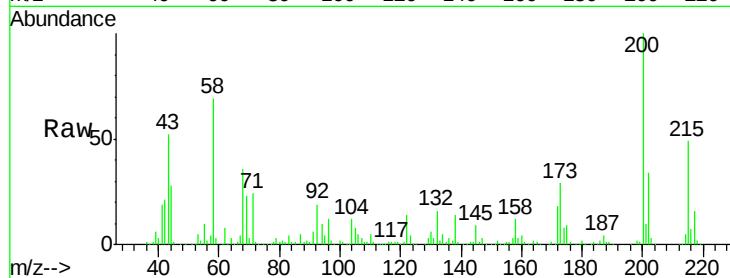
Tot Ion:200 Resp: 318703

Ion Ratio Lower Upper

200 100

173 29.1 8.9 48.9

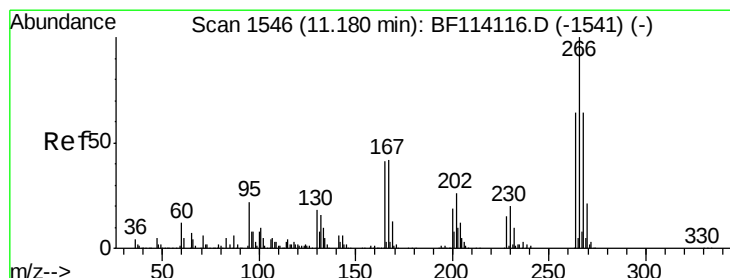
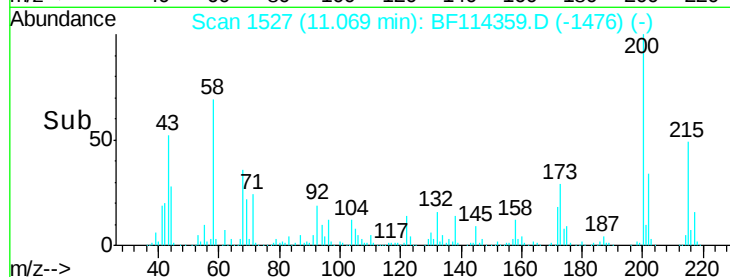
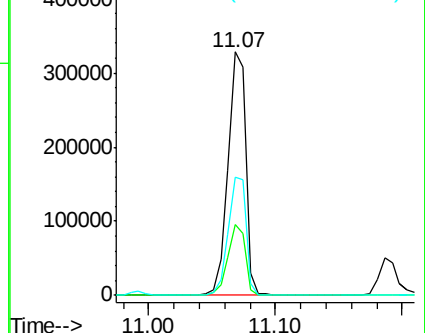
215 48.6 30.7 70.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 74.944 ng

RT: 11.19 min Scan# 1547

Delta R.T. 0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

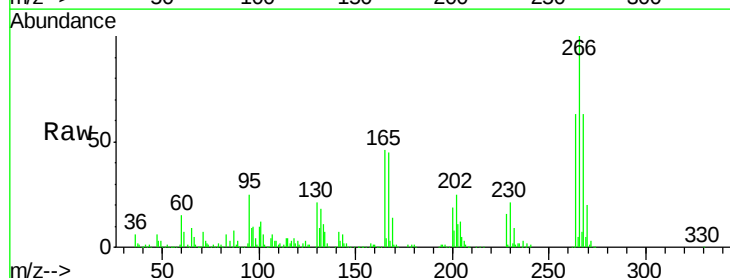
Tgt Ion:266 Resp: 331383

Ion Ratio Lower Upper

266 100

268 62.6 51.1 76.7

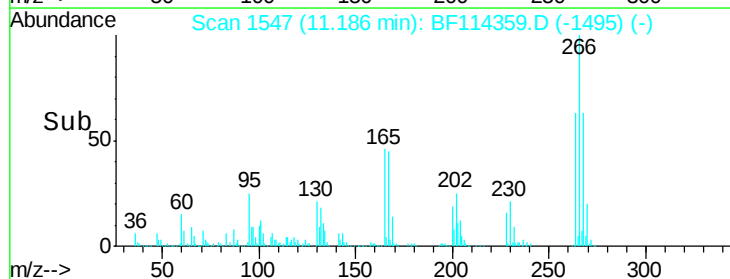
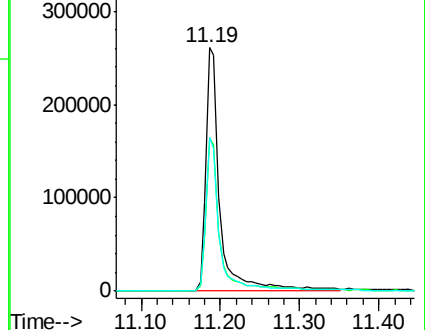
264 63.2 51.1 76.7

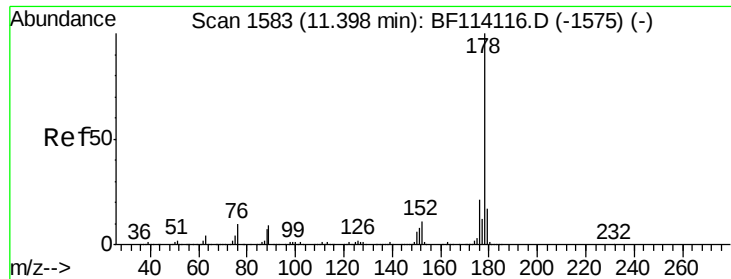


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

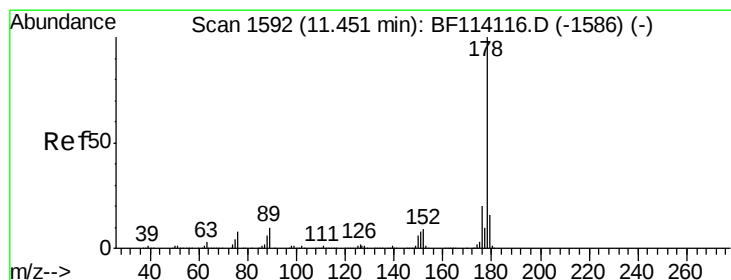
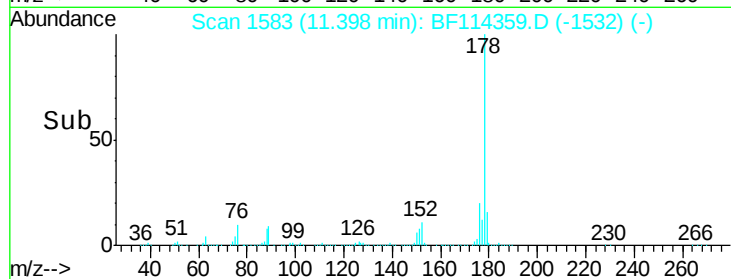
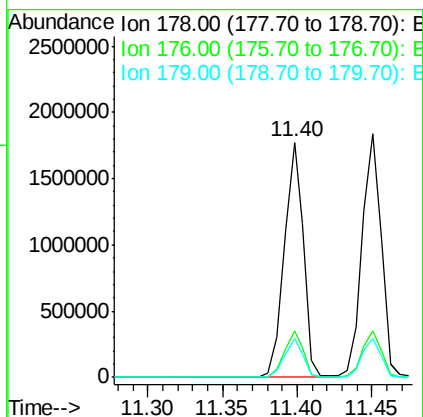
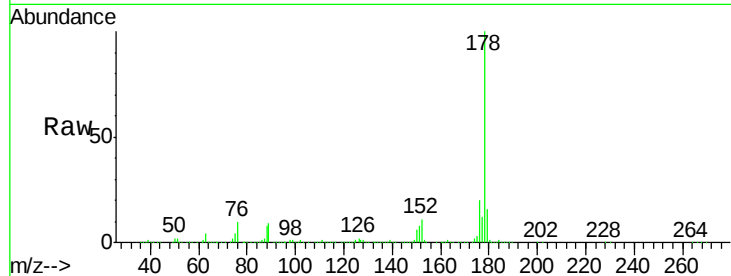




#71
Phenanthrene
Concen: 43.137 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

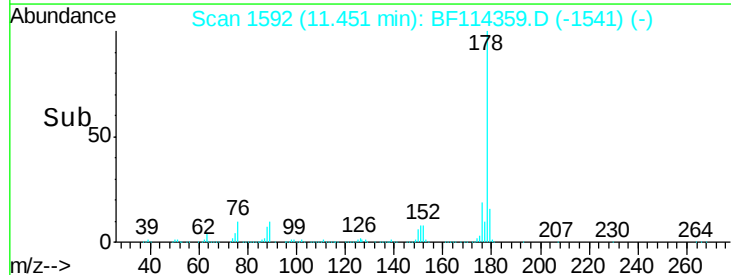
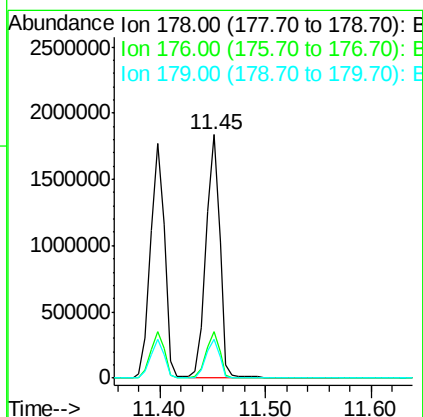
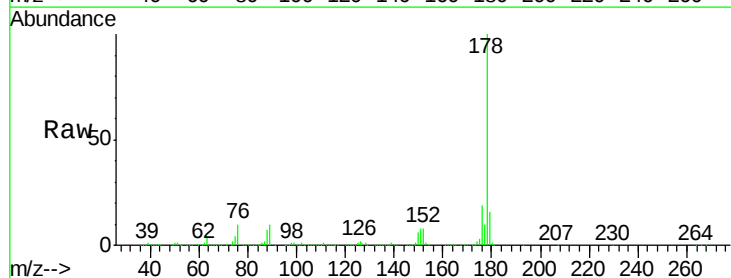
Instrument :
BNA_F
ClientSampleId :

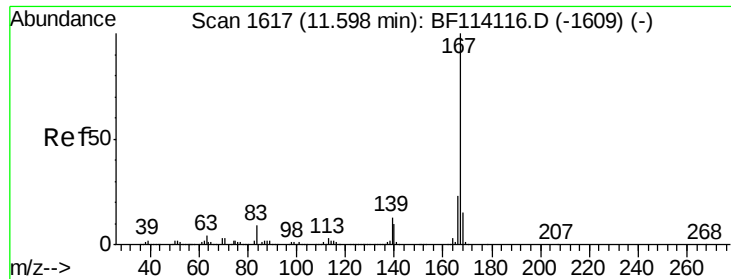
Tot Ion:178 Resp: 1607144
Ion Ratio Lower Upper
178 100
176 19.6 16.4 24.6
179 16.5 13.2 19.8



#72
Anthracene
Concen: 44.605 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion:178 Resp: 1669175
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.9 13.0 19.4



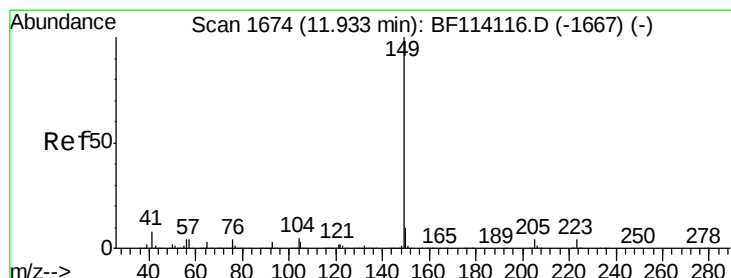
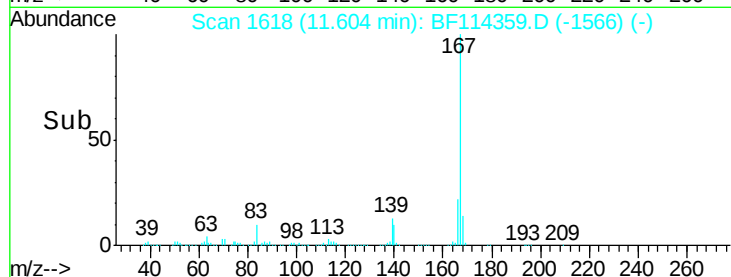
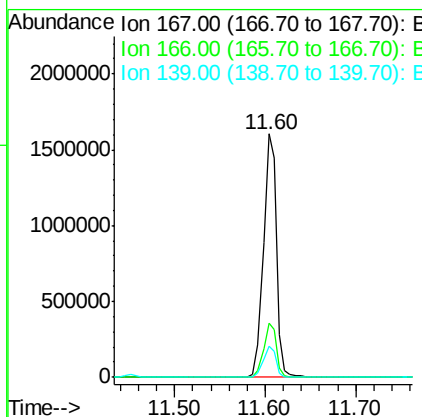
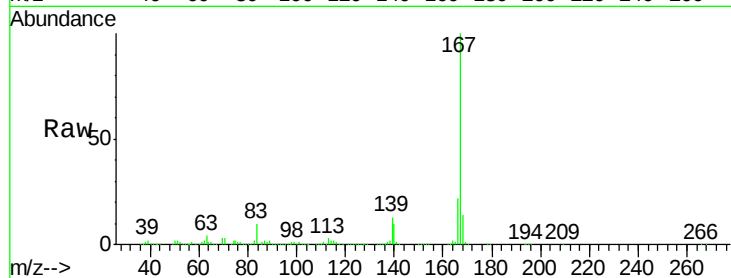


#73
 Carbazole
 Concen: 45.086 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1608893

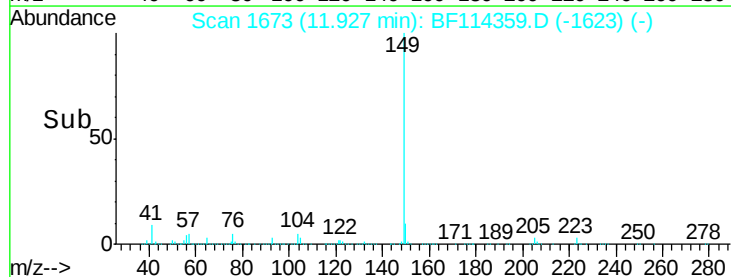
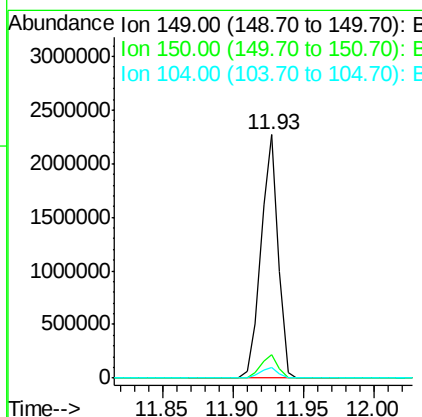
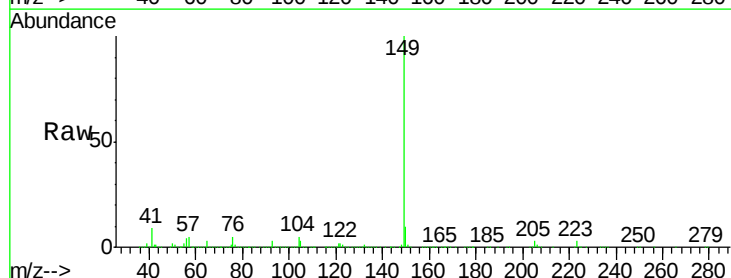
Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.2
139	13.0	10.6	16.0

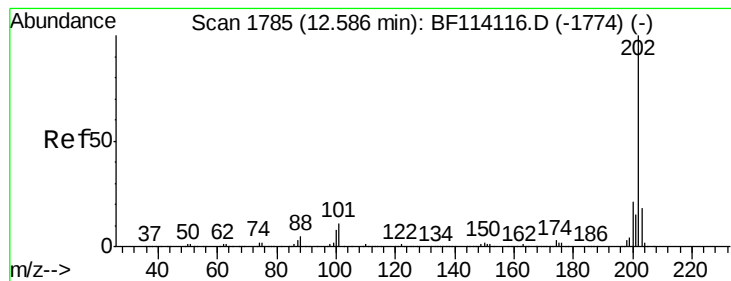


#74
 Di-n-butylphthalate
 Concen: 47.280 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Tgt Ion:149 Resp: 1943788

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	4.6	3.6	5.4





#75

Fluoranthene

Concen: 43.214 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampleId :

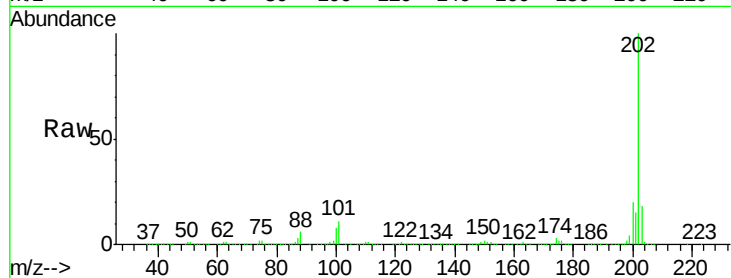
Tot Ion:202 Resp: 1733792

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.0

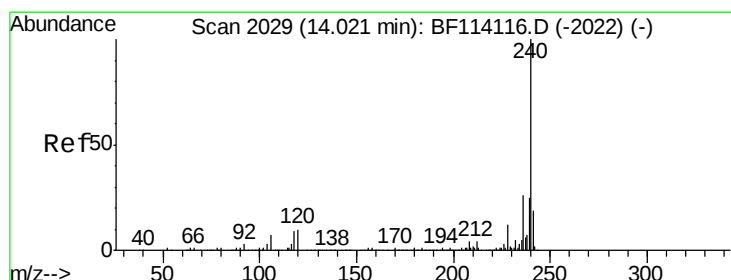
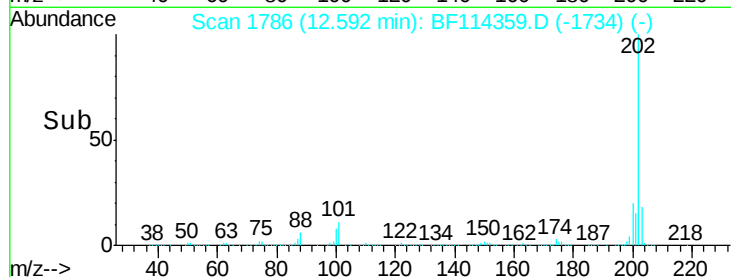
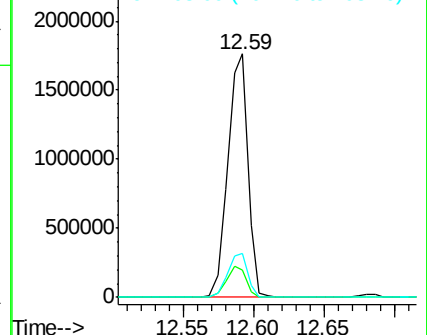
203 18.2 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

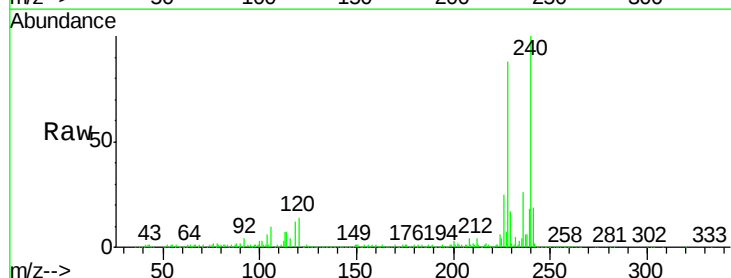
Tgt Ion:240 Resp: 506080

Ion Ratio Lower Upper

240 100

120 14.2 8.3 12.5#

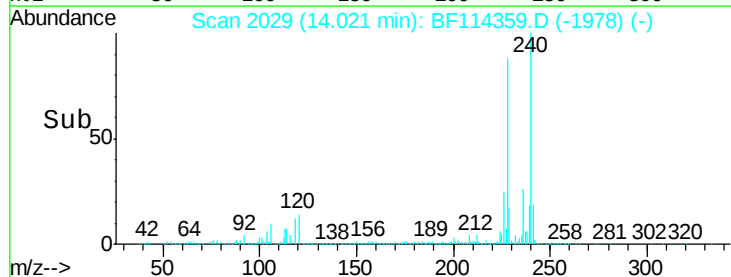
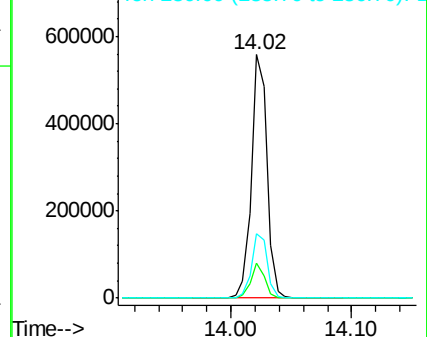
236 26.5 20.8 31.2

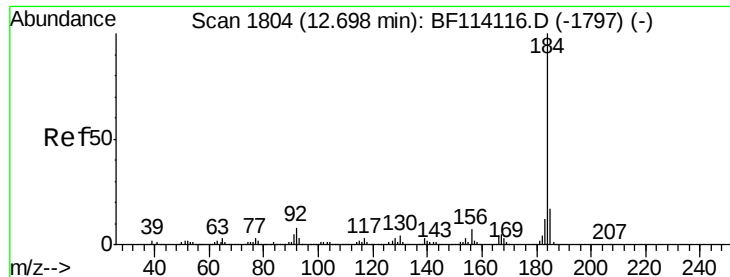


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.898 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampled :

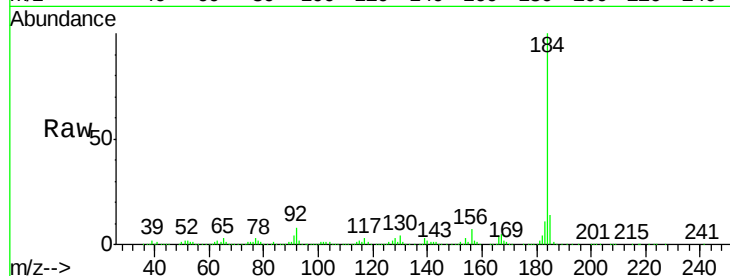
Tot Ion:184 Resp: 1065390

Ion Ratio Lower Upper

184 100

185 14.2 13.6 20.4

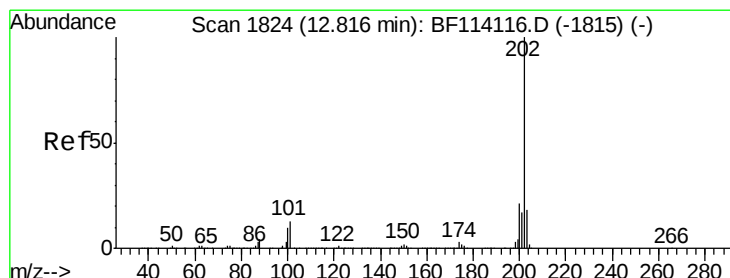
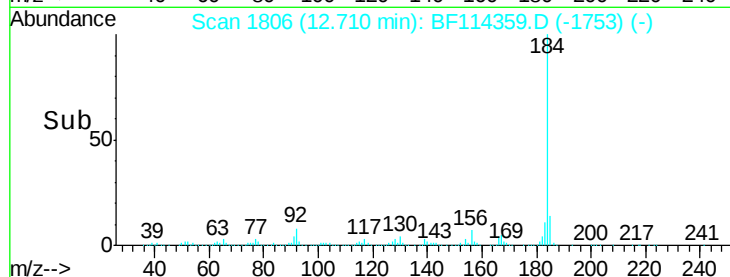
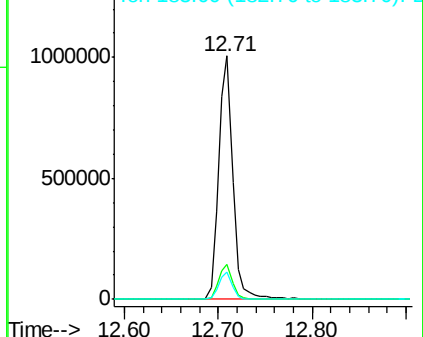
183 11.1 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.774 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

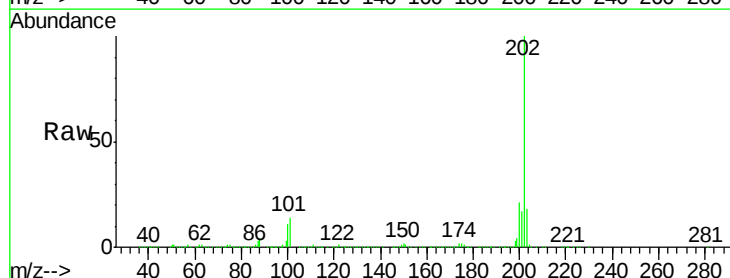
Tgt Ion:202 Resp: 1741385

Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

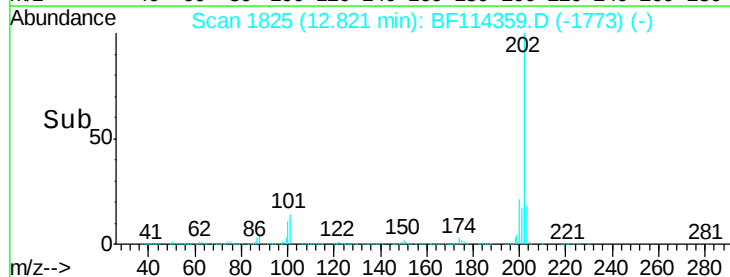
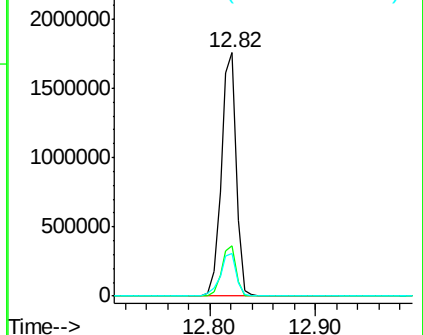
203 17.7 14.5 21.7

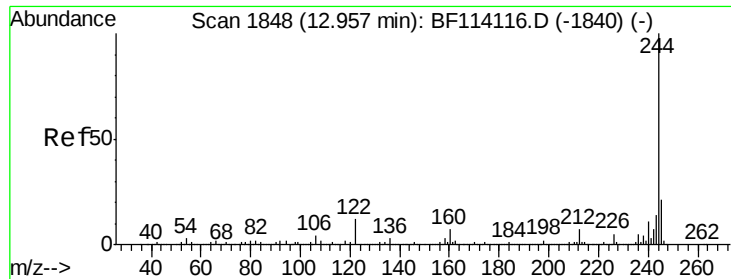


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.185 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampleId :

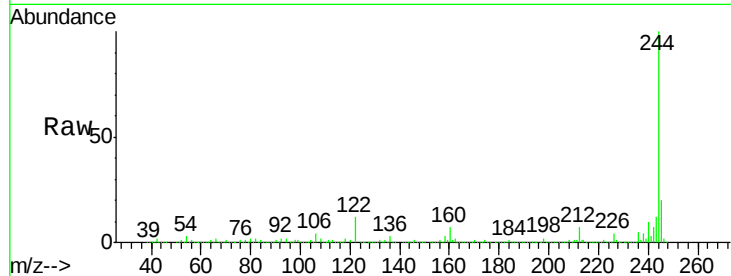
Tot Ion:244 Resp: 2042181

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

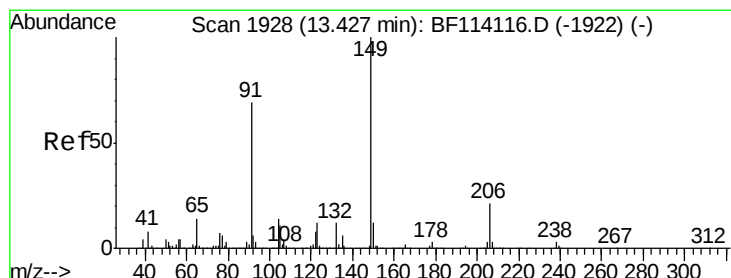
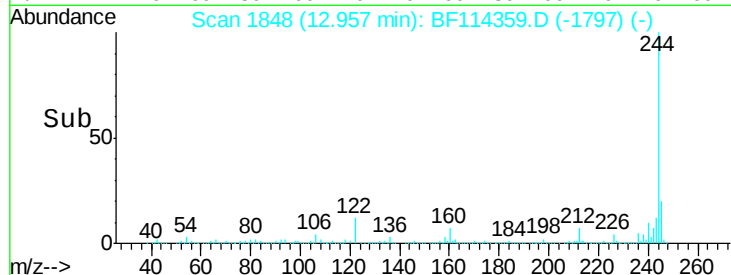
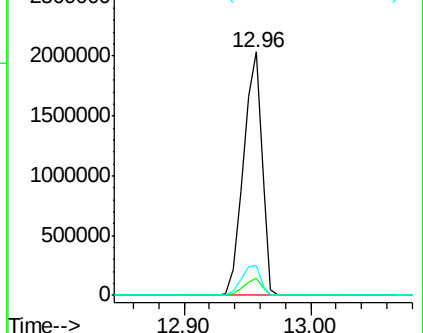
122 12.3 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.457 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

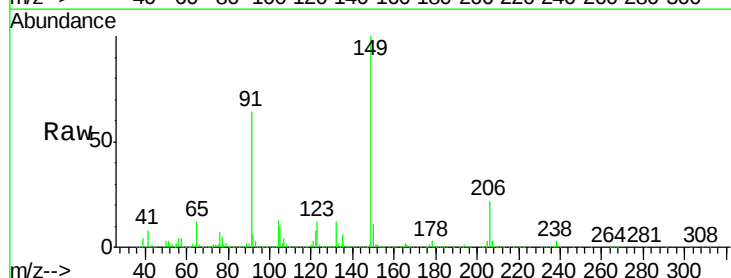
Tgt Ion:149 Resp: 813218

Ion Ratio Lower Upper

149 100

91 64.2 55.0 82.4

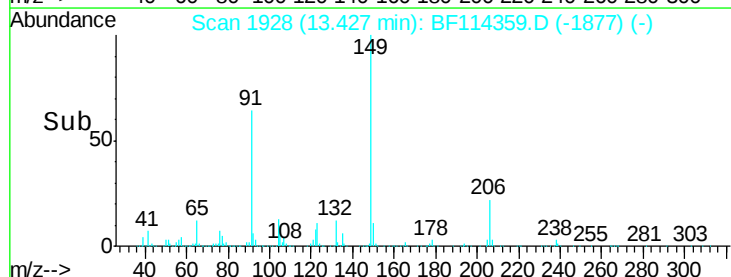
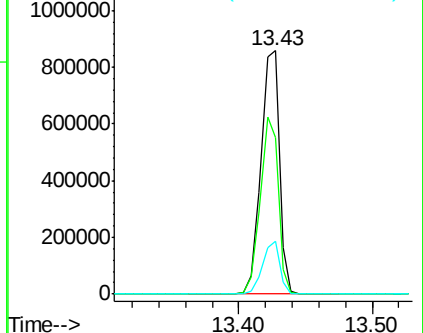
206 22.0 16.9 25.3

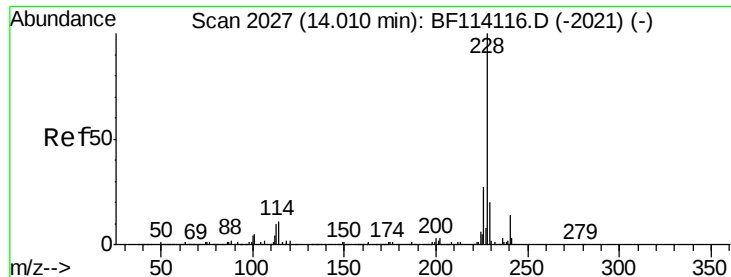


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

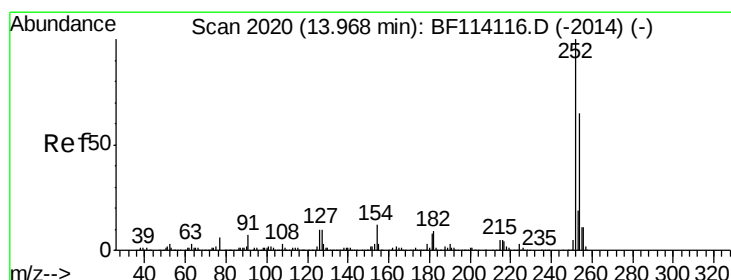
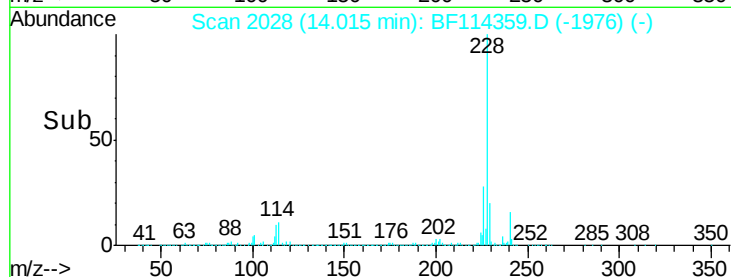
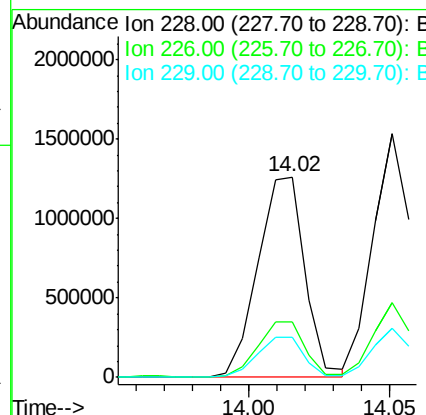
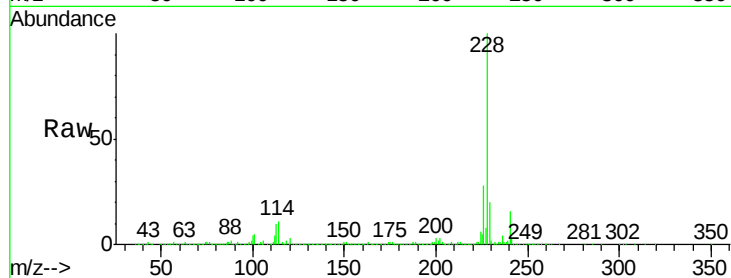




#81
Benzo(a)anthracene
Concen: 44.493 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

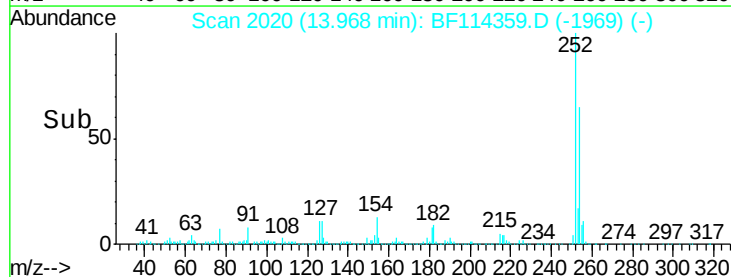
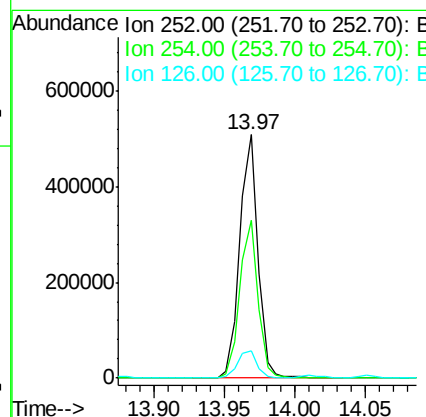
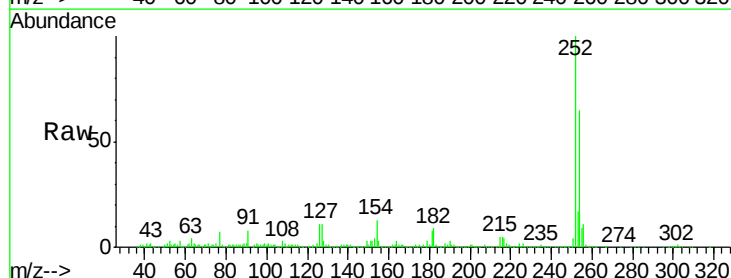
Instrument :
BNA_F
ClientSampleId :

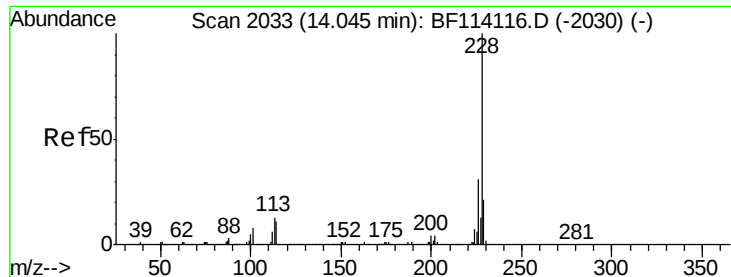
Tot Ion:228 Resp: 1456387
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.2
229 20.0 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 36.122 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion:252 Resp: 458675
Ion Ratio Lower Upper
252 100
254 64.7 51.9 77.9
126 11.1 7.9 11.9

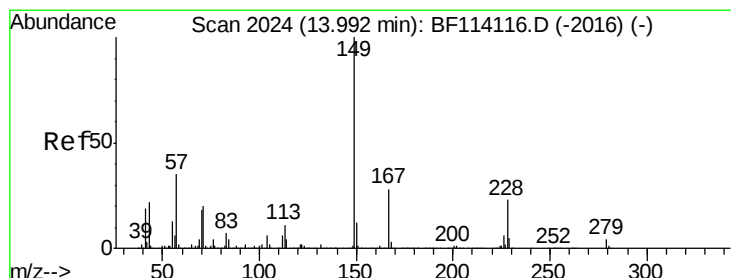
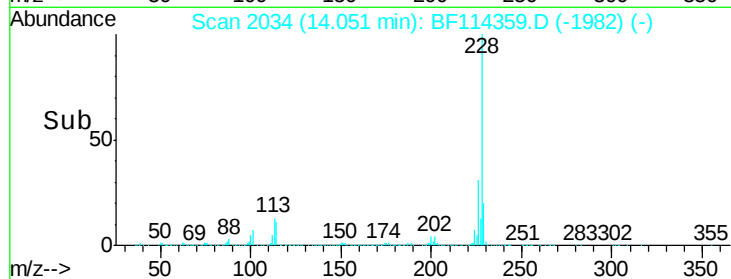
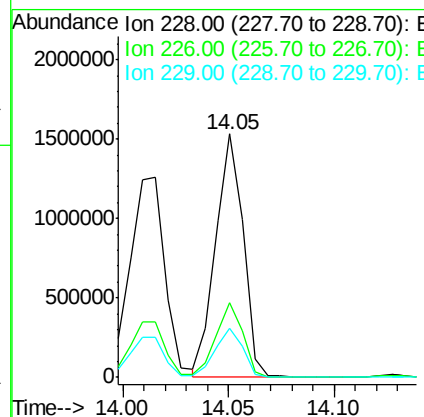
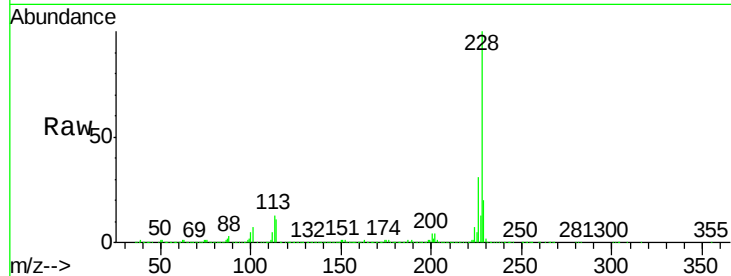




#83
 Chrvsene
 Concen: 43.368 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

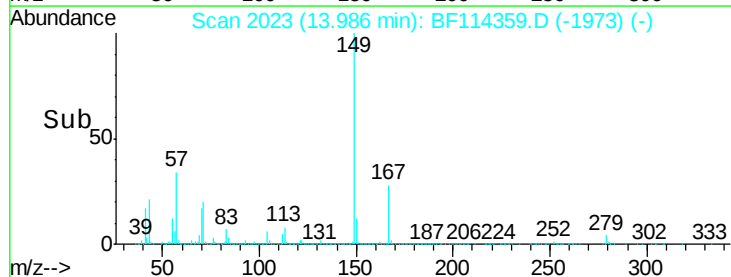
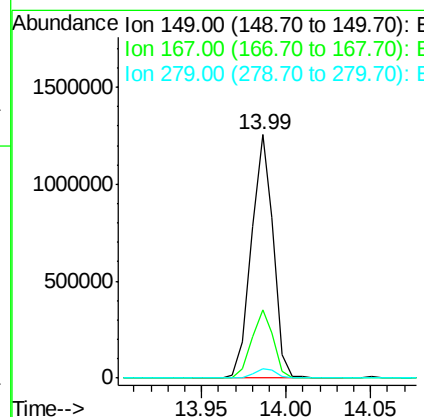
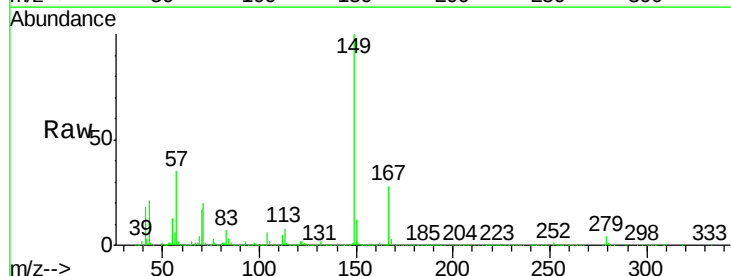
Instrument :
 BNA_F
 ClientSampleId :

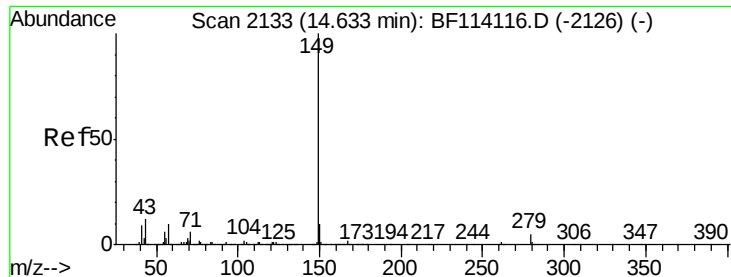
Tot Ion:228 Resp: 1391568
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 20.2 17.0 25.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.590 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF114359.D
 Acq: 17 May 2019 19:25

Tgt Ion:149 Resp: 1133789
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.6 33.8
 279 3.8 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 51.059 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.02 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampleId :

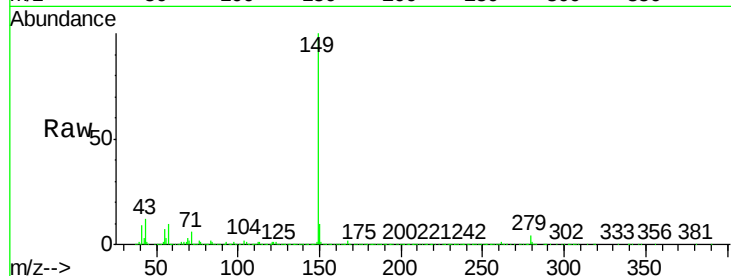
Tot Ion:149 Resp: 1854985

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

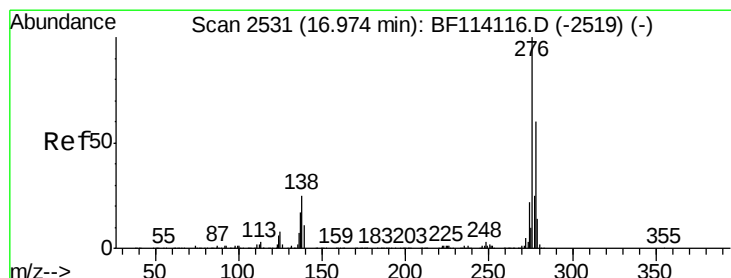
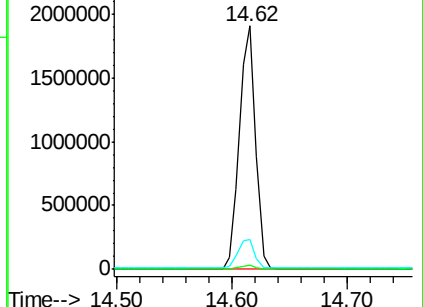
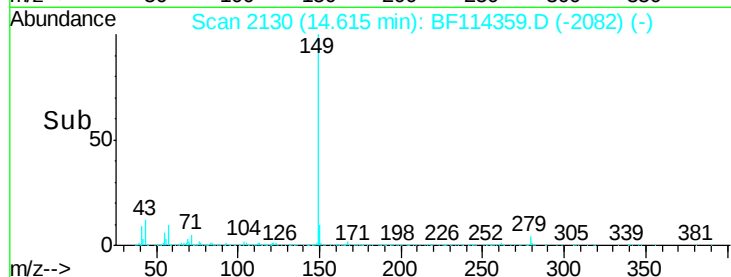
43 12.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.703 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.04 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

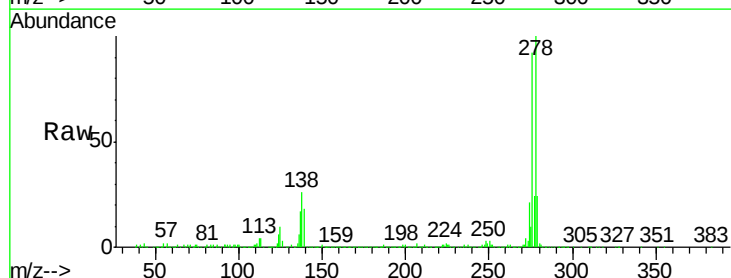
Tgt Ion:276 Resp: 1069210

Ion Ratio Lower Upper

276 100

138 26.1 20.2 30.2

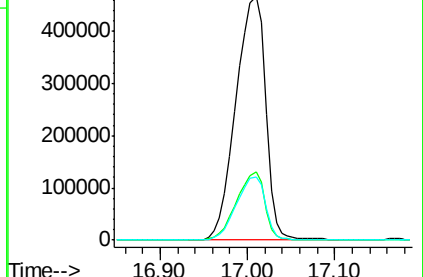
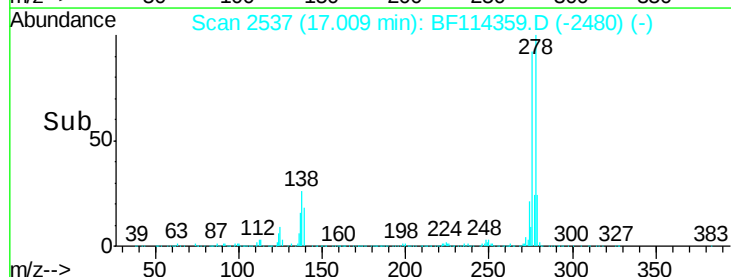
277 25.2 20.0 30.0

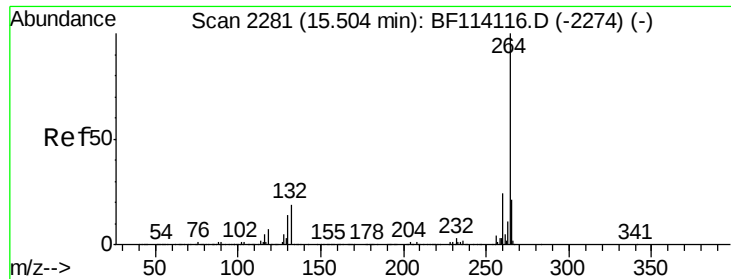


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampleId :

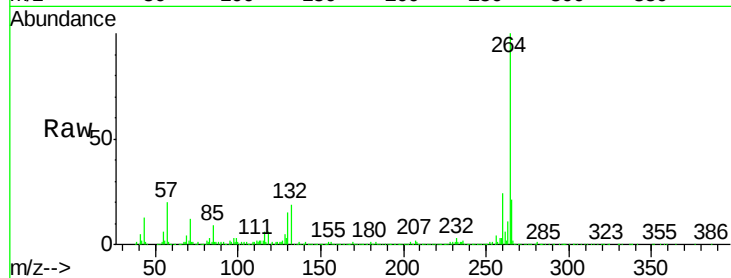
Tot Ion:264 Resp: 499870

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

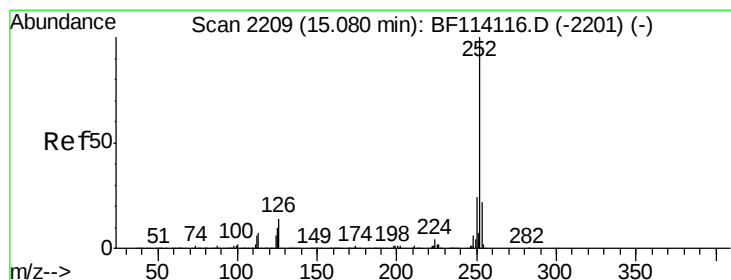
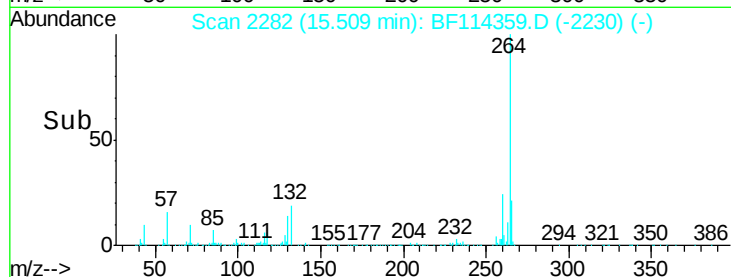
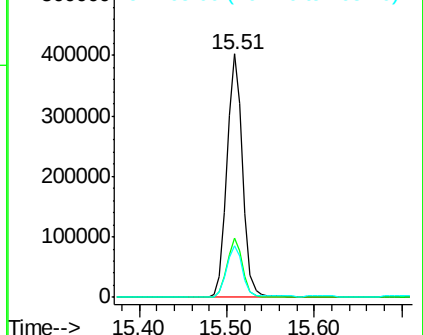
265 21.2 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.006 ng

RT: 15.09 min Scan# 2210

Delta R.T. 0.01 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

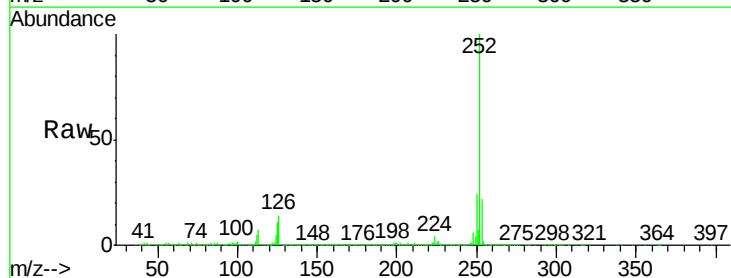
Tgt Ion:252 Resp: 1473319

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

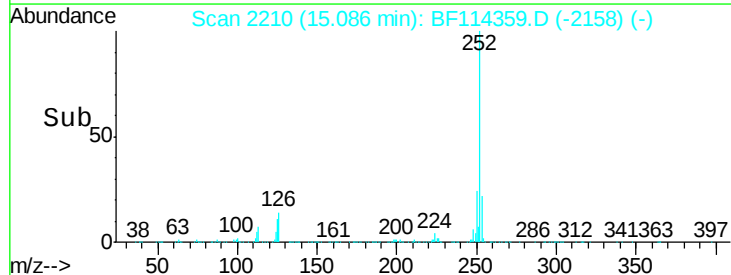
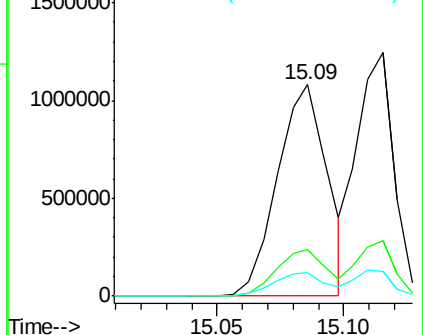
125 10.8 8.3 12.5

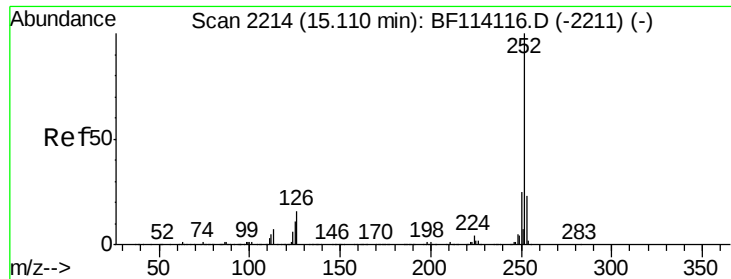


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

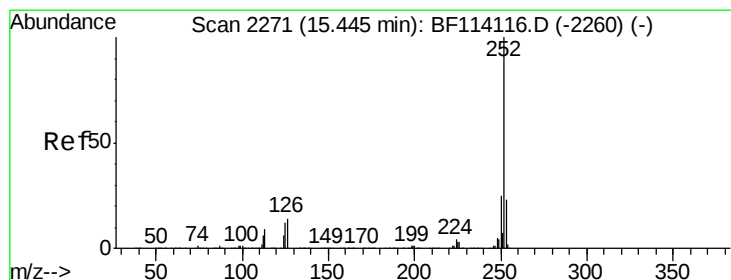
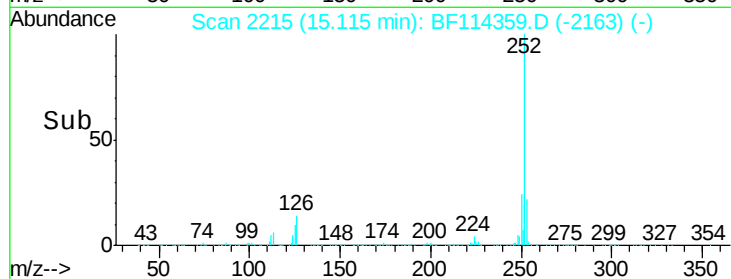
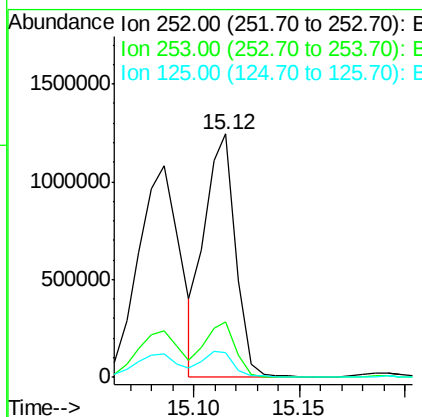
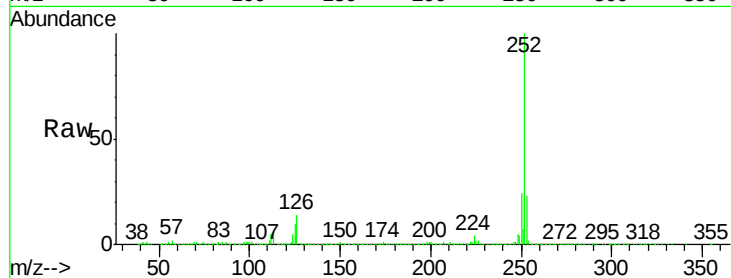




#89
Benzo(k)fluoranthene
Concen: 42.865 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

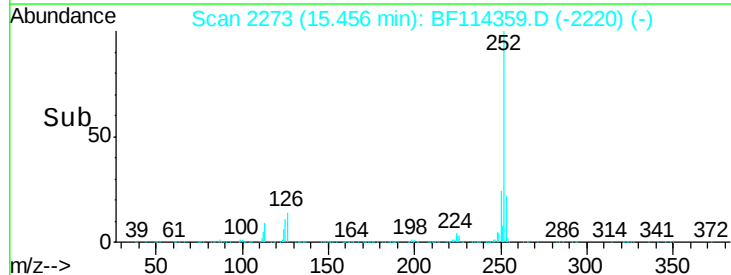
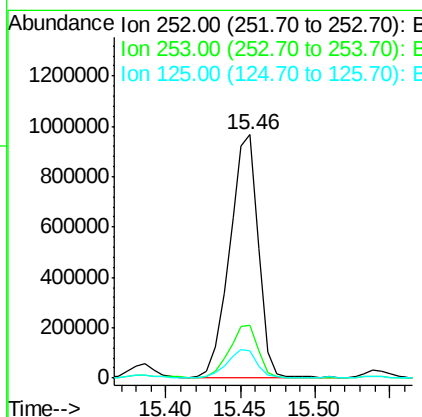
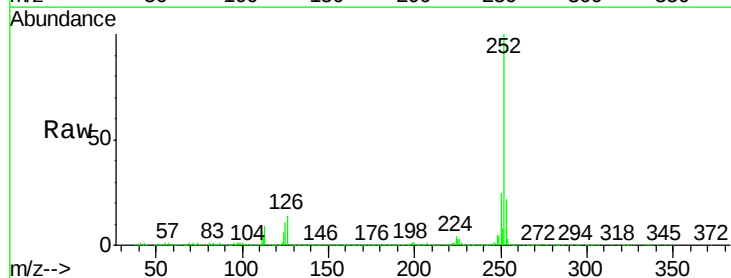
Instrument :
BNA_F
ClientSampleId :

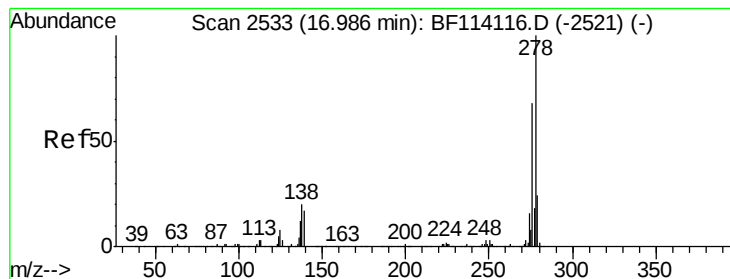
Tot Ion:252 Resp: 1260989
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 10.0 8.6 13.0



#90
Benzo(a)pyrene
Concen: 45.917 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF114359.D
Acq: 17 May 2019 19:25

Tgt Ion:252 Resp: 1294125
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 11.3 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 37.573 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.02 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

Instrument :

BNA_F

ClientSampleId :

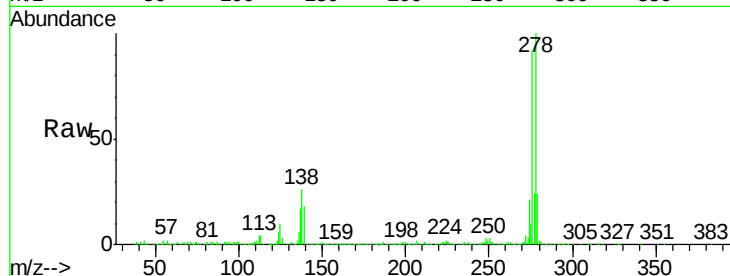
Tot Ion:278 Resp: 879959

Ion Ratio Lower Upper

278 100

139 17.9 13.5 20.3

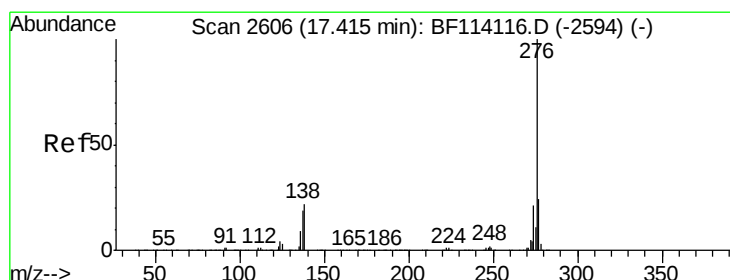
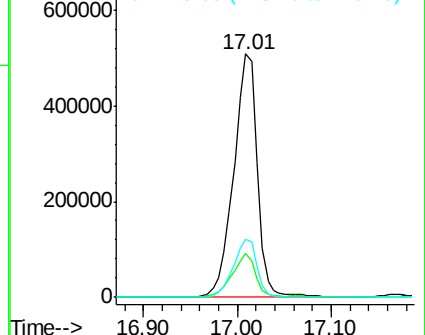
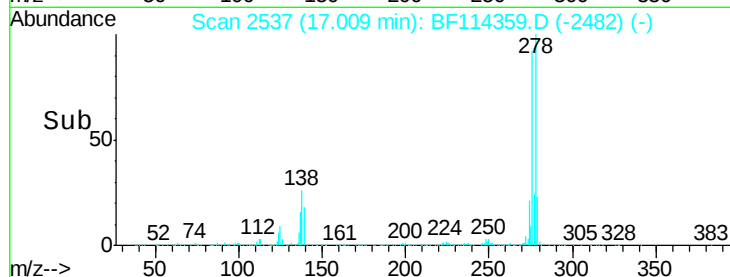
279 23.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.091 ng

RT: 17.45 min Scan# 2612

Delta R.T. 0.04 min

Lab File: BF114359.D

Acq: 17 May 2019 19:25

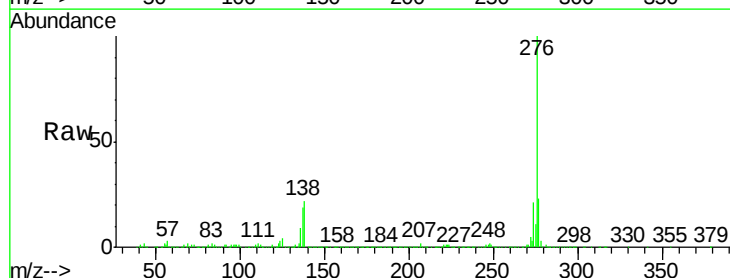
Tgt Ion:276 Resp: 870520

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 22.3 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

