

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114611.D
 Acq On : 25 May 2019 18:31
 Operator : JU/SJ
 Sample : PB119943BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 23:45:05 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 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	180637	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	725880	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	356846	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	698230	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	469320	20.00	ng	-0.02
87) Perylene-d12	15.43	264	496637	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1197989	106.73	ng	0.00
7) Phenol-d6	6.45	99	1488529	112.12	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1040077	80.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	376618	102.09	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1852445	78.52	ng	-0.02
79) Terphenyl-d14	12.91	244	1836767	80.68	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.60	88	173119	28.059	ng	99
3) Pyridine	3.36	79	449915	26.467	ng	100
4) n-Nitrosodimethylamine	3.30	42	242406	29.571	ng	97
6) Aniline	6.47	93	446900	23.303	ng	# 34
8) 2-Chlorophenol	6.59	128	454651	37.941	ng	97
9) Benzaldehyde	6.35	77	224049	24.106	ng	98
10) Phenol	6.46	94	557174	35.676	ng	83
11) bis(2-Chloroethyl)ether	6.54	93	428306	36.124	ng	97
12) 1,3-Dichlorobenzene	6.74	146	470008	34.942	ng	98
13) 1,4-Dichlorobenzene	6.82	146	478804	35.324	ng	99
14) 1,2-Dichlorobenzene	6.97	146	442575	35.739	ng	98
15) Benzyl Alcohol	6.95	79	361906	34.952	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	774790	33.702	ng	51
17) 2-Methylphenol	7.07	107	358688	36.439	ng	# 91
18) Hexachloroethane	7.31	117	177616	34.910	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	312935	37.188	ng	99
20) 3+4-Methylphenols	7.22	107	473619	41.644	ng	# 72
22) Acetophenone	7.21	105	610545	37.968	ng	# 89
24) Nitrobenzene	7.39	77	474215	35.997	ng	99
25) Isophorone	7.63	82	871425	36.327	ng	99
26) 2-Nitrophenol	7.70	139	245732	38.447	ng	96
27) 2,4-Dimethylphenol	7.75	122	399728	39.820	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	551439	35.429	ng	99
29) 2,4-Dichlorophenol	7.95	162	383745	38.391	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	401343	35.309	ng	99
31) Naphthalene	8.10	128	1287124	37.960	ng	98
32) Benzoic acid	7.90	122	232614	34.766	ng	97
33) 4-Chloroaniline	8.16	127	304663	19.718	ng	97
34) Hexachlorobutadiene	8.22	225	221899	34.311	ng	99
35) Caprolactam	8.53	113	66789	20.491	ng	93
36) 4-Chloro-3-methylphenol	8.66	107	401526	39.907	ng	100
37) 2-Methylnaphthalene	8.80	142	870880	39.809	ng	98
38) 1-Methylnaphthalene	8.90	142	823225	39.959	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	396472	36.678	ng	99

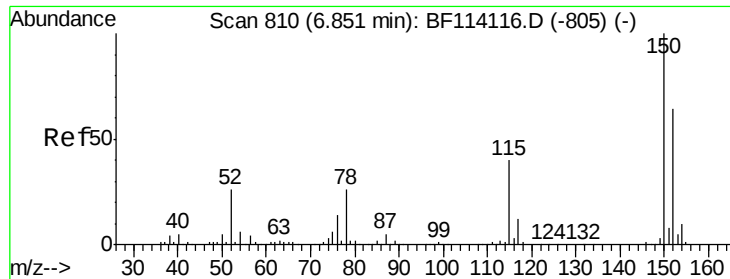
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114611.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	191866	40.364	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	251305	33.799	ng	97
44) 2,4,5-Trichlorophenol	9.13	196	254961	33.437	ng	96
46) 1,1'-Biphenyl	9.26	154	1073897	37.251	ng	97
47) 2-Chloronaphthalene	9.29	162	809447	34.889	ng	98
48) 2-Nitroaniline	9.39	65	274947	33.416	ng	95
49) Acenaphthylene	9.70	152	1270637	36.009	ng	98
50) Dimethylphthalate	9.56	163	924486	35.291	ng	99
51) 2,6-Dinitrotoluene	9.63	165	208611	35.904	ng	88
52) Acenaphthene	9.87	154	751992	34.728	ng	100
53) 3-Nitroaniline	9.80	138	157546	21.844	ng	97
54) 2,4-Dinitrophenol	9.93	184	176433	62.043	ng	93
55) Dibenzofuran	10.05	168	1085591	34.190	ng	100
56) 4-Nitrophenol	9.99	139	210461	41.262	ng	95
57) 2,4-Dinitrotoluene	10.05	165	258457	32.773	ng	# 80
58) Fluorene	10.39	166	902421	36.795	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	220319	33.487	ng	99
60) Diethylphthalate	10.26	149	940446	35.333	ng	97
61) 4-Chlorophenyl-phenylether	10.37	204	431177	35.795	ng	96
62) 4-Nitroaniline	10.42	138	221600	29.239	ng	97
63) Azobenzene	10.54	77	899748	34.923	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	120936	36.046	ng	97
66) n-Nitrosodiphenylamine	10.50	169	799013	37.705	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	271288	35.288	ng	97
68) Hexachlorobenzene	10.94	284	289503	34.040	ng	95
69) Atrazine	11.03	200	233656	35.431	ng	99
70) Pentachlorophenol	11.14	266	183646	45.551	ng	97
71) Phenanthrene	11.35	178	1247899	36.736	ng	99
72) Anthracene	11.40	178	1296694	38.004	ng	99
73) Carbazole	11.56	167	1213027	37.282	ng	99
74) Di-n-butylphthalate	11.88	149	1409351	37.598	ng	100
75) Fluoranthene	12.54	202	1327259	36.283	ng	98
77) Benzidine	12.66	184	651605	30.930	ng	97
78) Pyrene	12.77	202	1329080	35.203	ng	100
80) Butylbenzylphthalate	13.37	149	602628	37.922	ng	98
81) Benzo(a)anthracene	13.96	228	1094696	36.063	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	325236	27.619	ng	98
83) Chrysene	14.00	228	1073098	36.062	ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	791708	38.093	ng	99
85) Di-n-octyl phthalate	14.54	149	1333802	39.589	ng	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	1049758	39.917	ng	99
88) Benzo(b)fluoranthene	15.01	252	1153378	36.250	ng	98
89) Benzo(k)fluoranthene	15.03	252	1025901	35.101	ng	100
90) Benzo(a)pyrene	15.37	252	1062980	37.961	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	874522	37.584	ng	99
92) Benzo(g,h,i)perylene	17.33	276	890868	38.205	ng	98

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

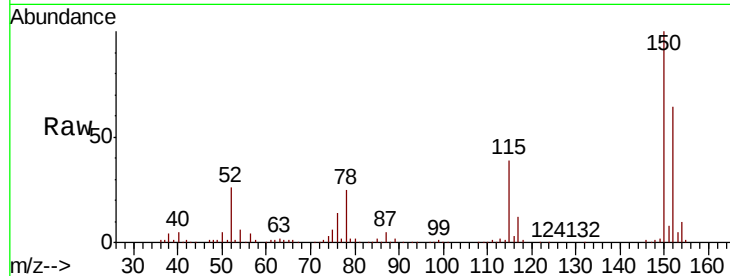


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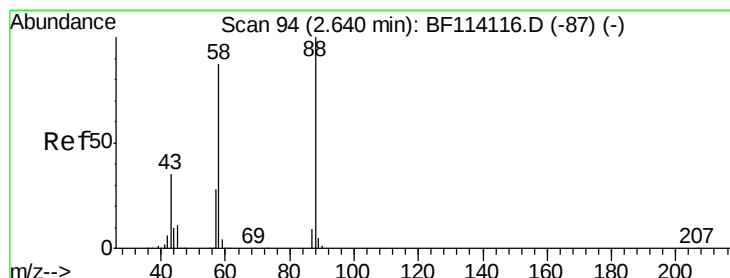
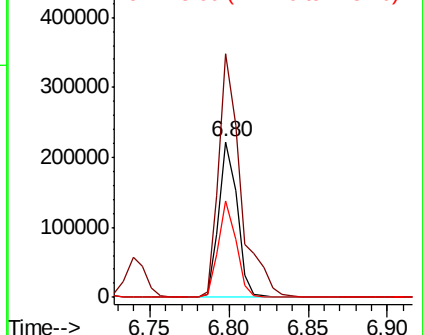
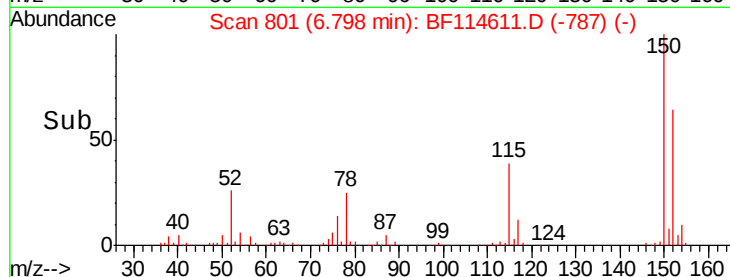
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.3	186.5
115	61.6	49.1	73.7



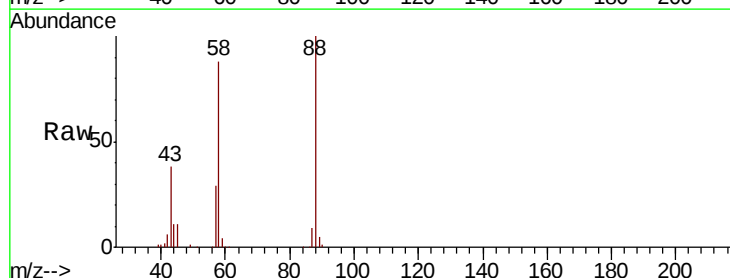
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



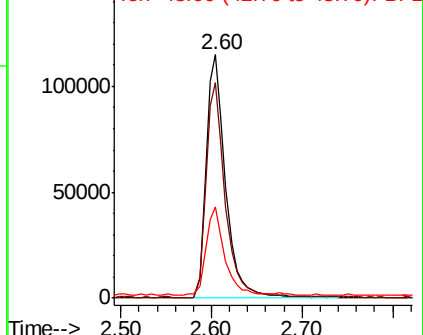
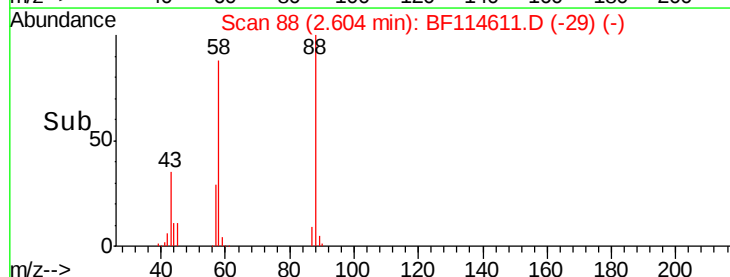
#2

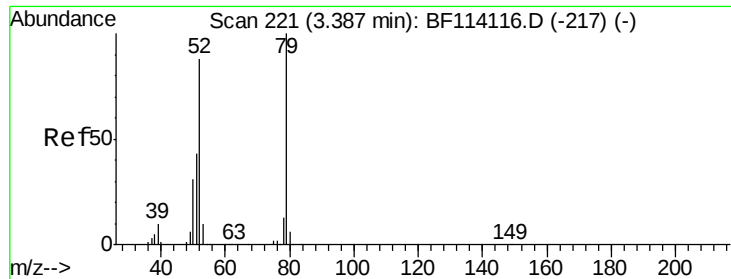
1,4-Dioxane
Concen: 28.059 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.05 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.4	68.7	103.1
43	33.8	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: 26.467 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.05 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

Instrument :

BNA_F

ClientSampleId :

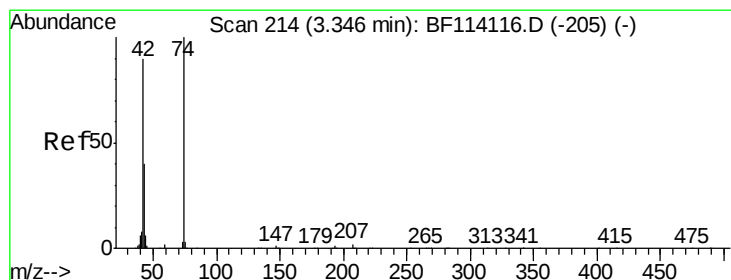
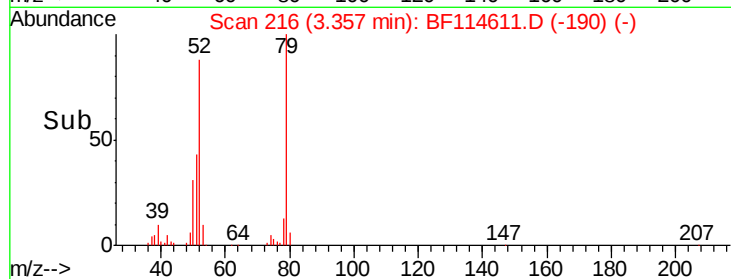
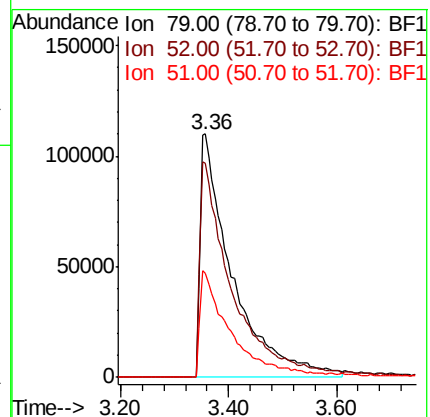
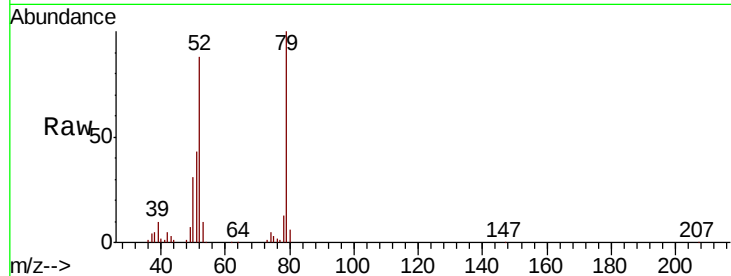
Tot Ion: 79 Resp: 449915

Ion Ratio Lower Upper

79 100

52 87.8 70.6 105.8

51 42.7 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 29.571 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.04 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

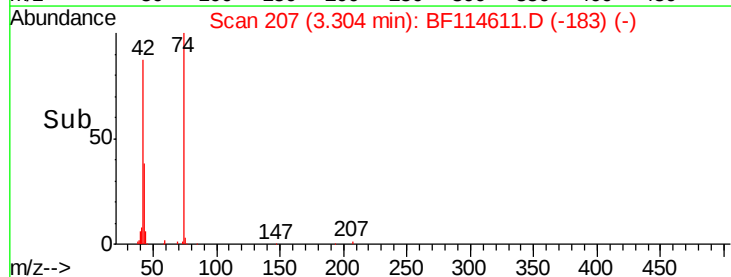
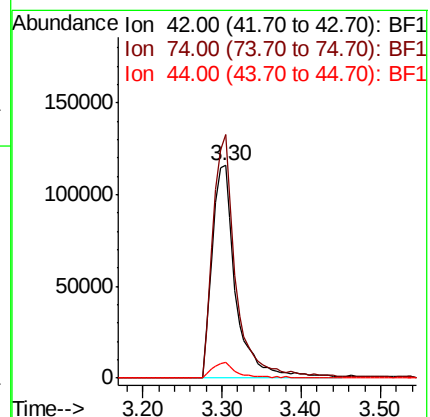
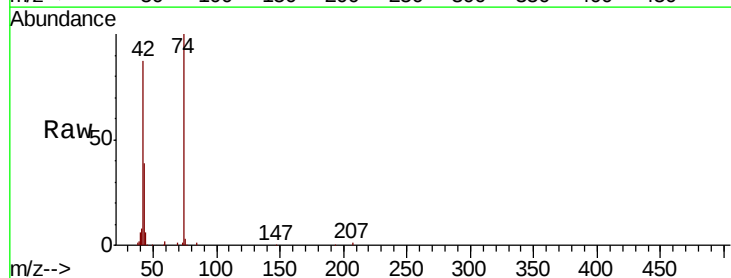
Tgt Ion: 42 Resp: 242406

Ion Ratio Lower Upper

42 100

74 114.5 88.6 132.8

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 106.727 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

Instrument :

BNA_F

ClientSampled :

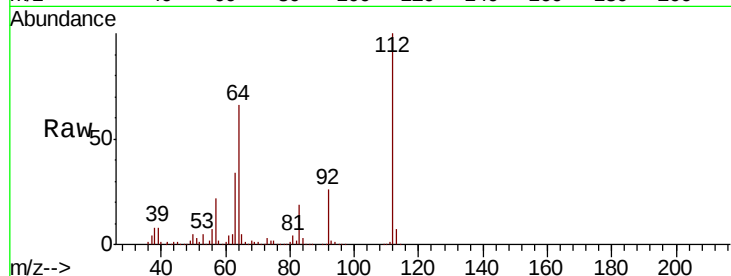
Tot Ion:112 Resp: 1197989

Ion Ratio Lower Upper

112 100

64 65.6 49.0 73.6

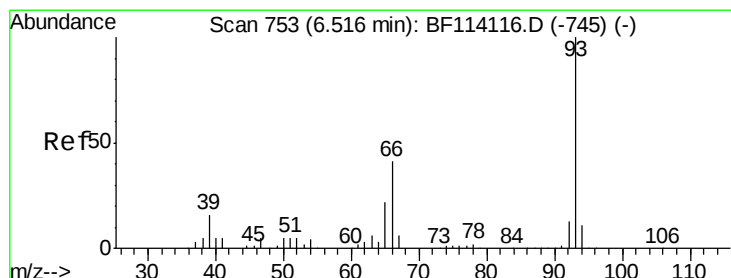
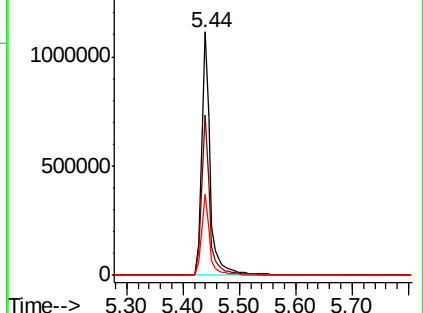
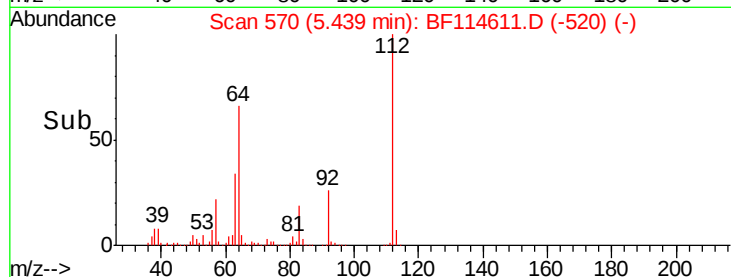
63 33.5 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.303 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

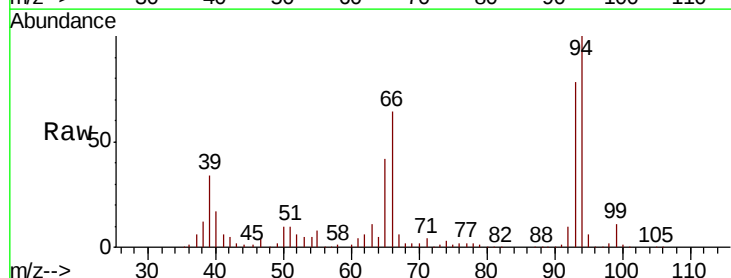
Tgt Ion: 93 Resp: 446900

Ion Ratio Lower Upper

93 100

66 82.7 33.2 49.8#

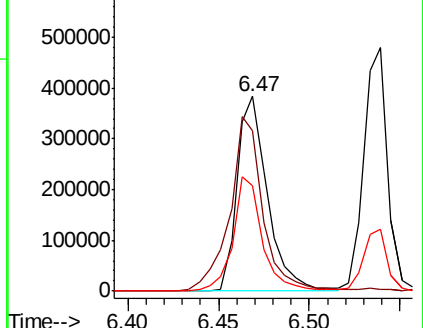
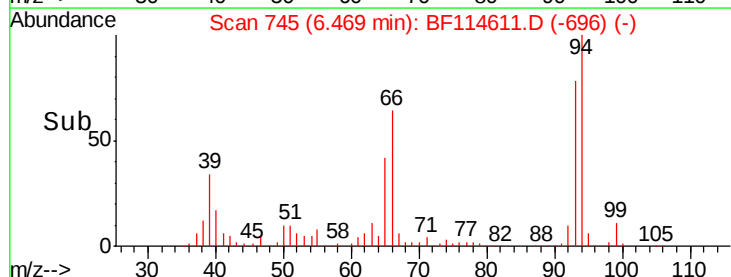
65 54.2 17.6 26.4#



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: 112.122 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

Instrument :

BNA_F

ClientSampleId :

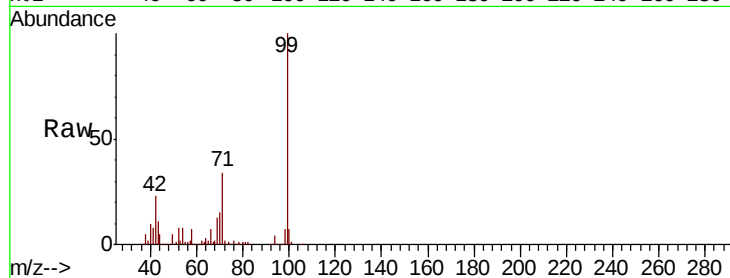
Tot Ion: 99 Resp: 1488529

Ion Ratio Lower Upper

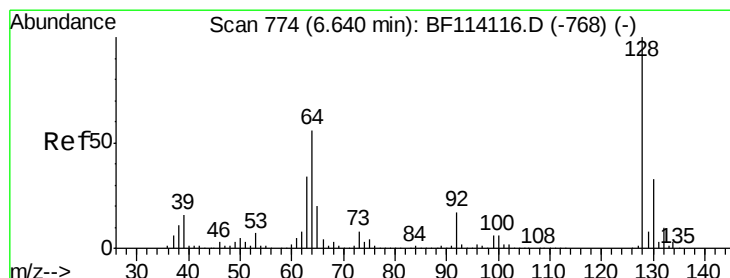
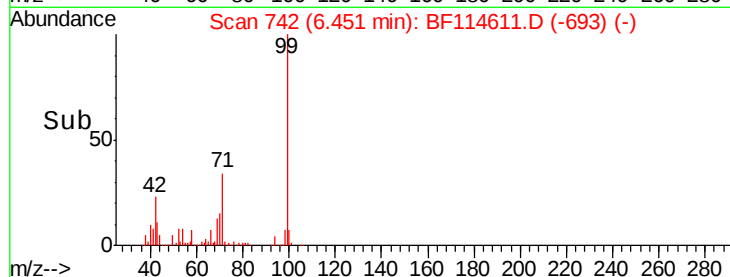
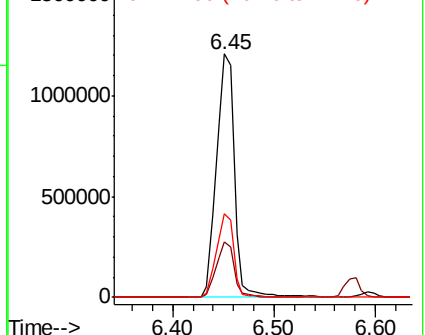
99 100

42 23.0 17.9 26.9

71 34.5 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: 37.941 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

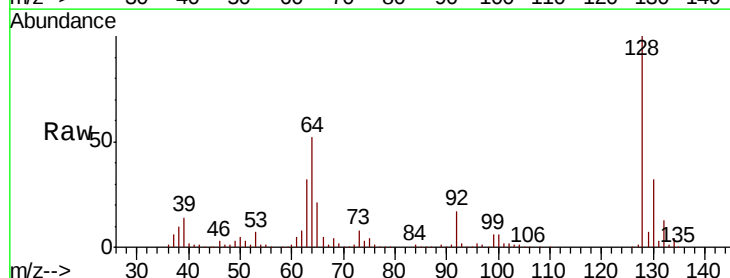
Tgt Ion: 128 Resp: 454651

Ion Ratio Lower Upper

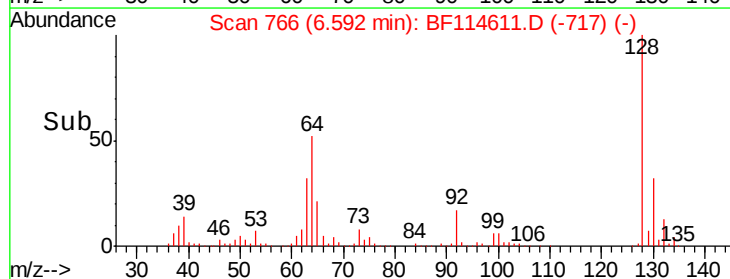
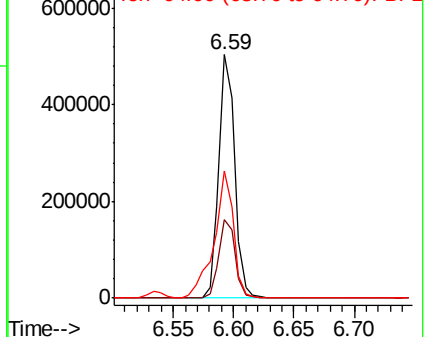
128 100

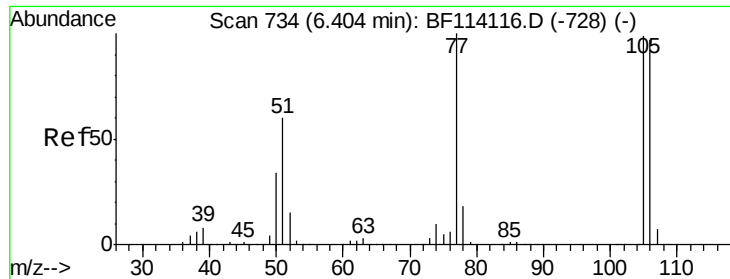
130 32.2 12.6 52.6

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: 24.106 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

Instrument :

BNA_F

ClientSampled :

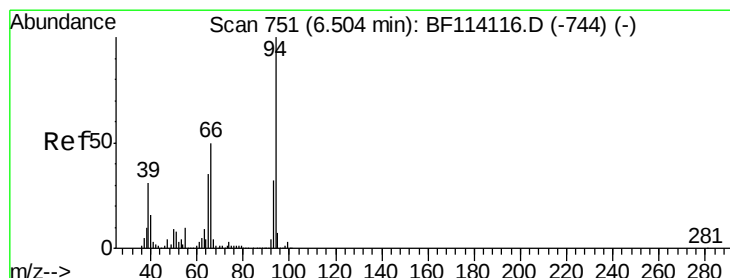
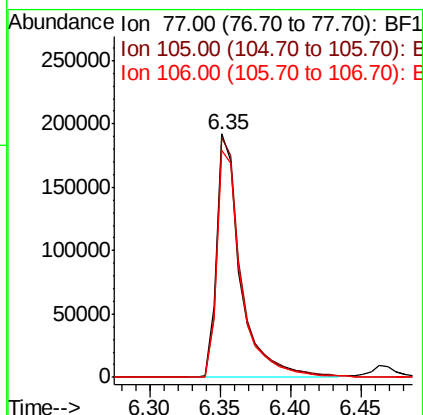
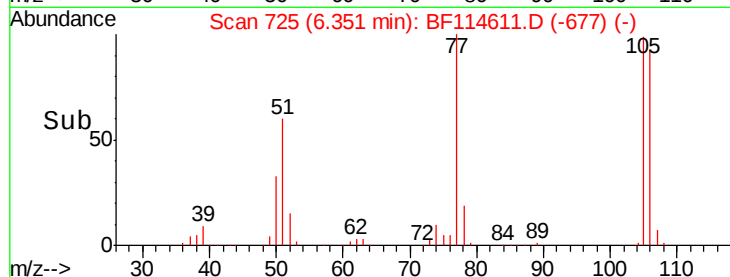
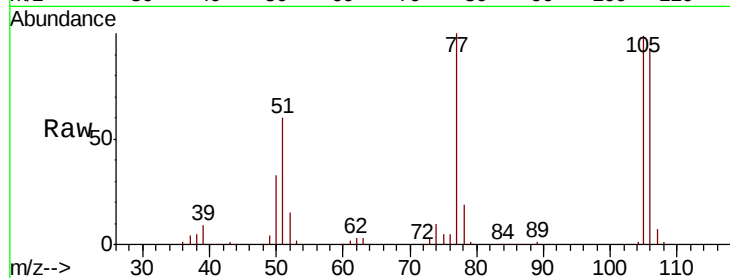
Tot Ion: 77 Resp: 224049

Ion Ratio Lower Upper

77 100

105 98.7 79.3 119.3

106 93.5 77.0 117.0



#10

Phenol

Concen: 35.676 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

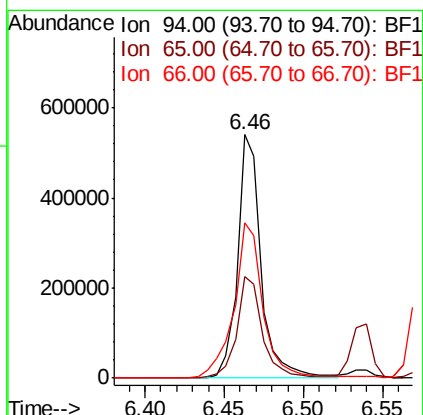
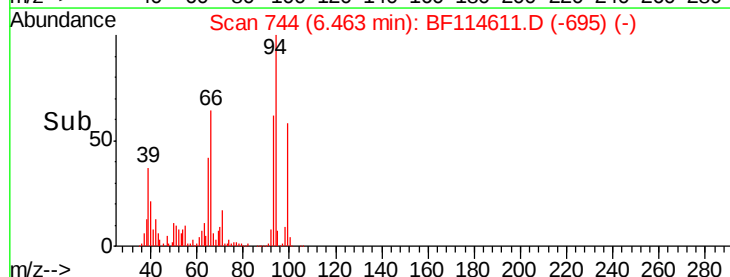
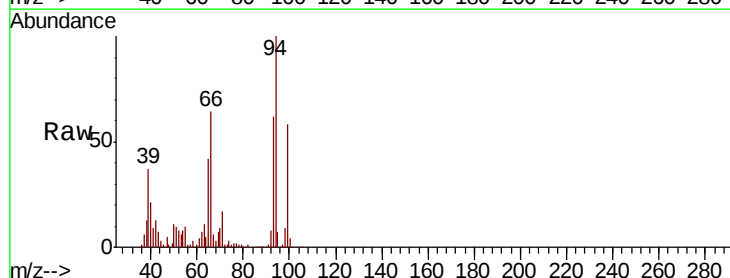
Tgt Ion: 94 Resp: 557174

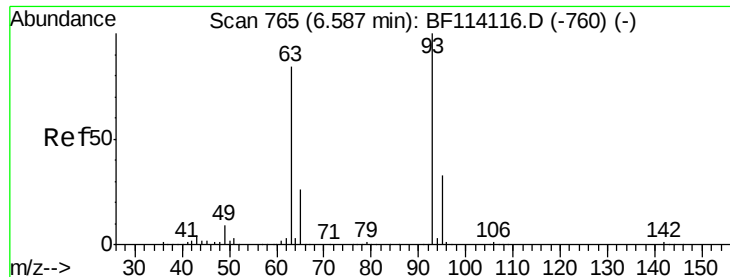
Ion Ratio Lower Upper

94 100

65 41.6 14.7 54.7

66 63.5 29.6 69.6

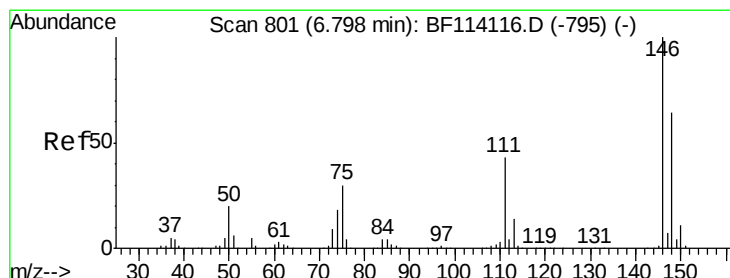
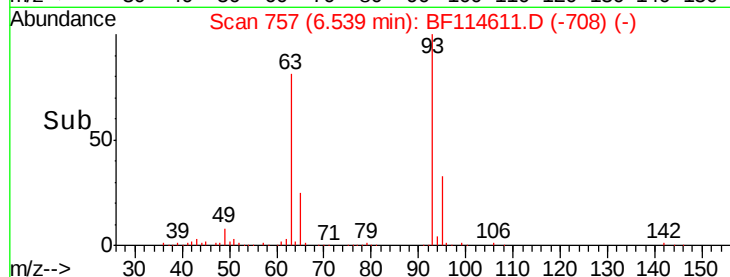
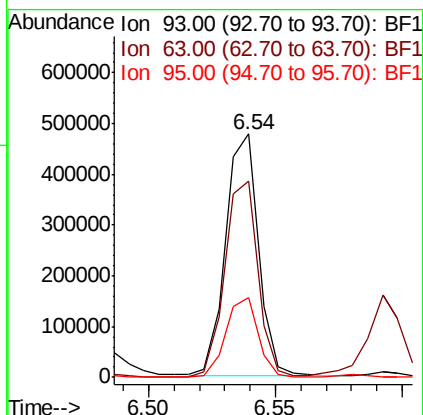
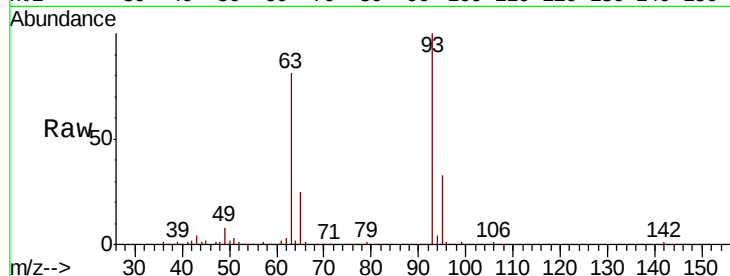




#11
bis(2-Chloroethyl)ether
Concen: 36.124 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

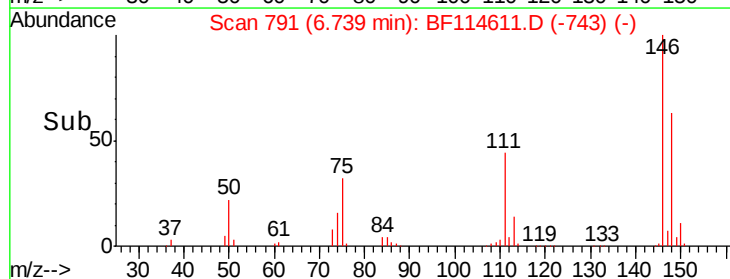
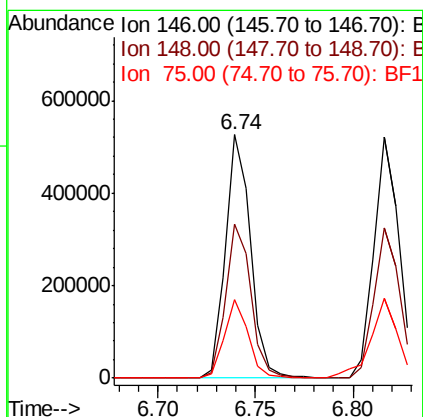
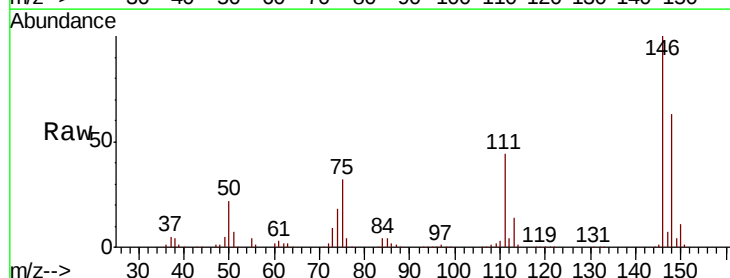
Instrument :
BNA_F
ClientSampleId :

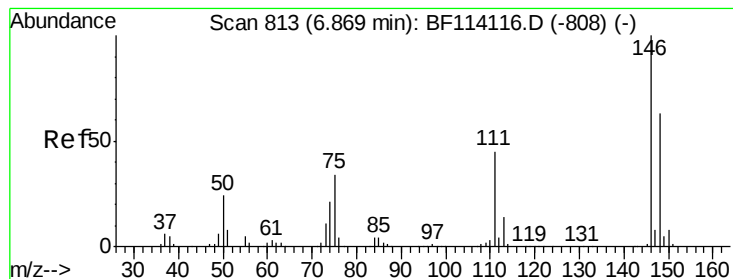
Tot Ion	93	Resp	428306
Ion Ratio	100	Lower	Upper
63	80.6	63.6	103.6
95	32.6	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 34.942 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Tgt Ion	146	Resp	470008
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
148	63.1	51.6	77.4
75	32.2	24.2	36.2





#13

1,4-Dichlorobenzene

Concen: 35.324 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

Instrument :

BNA_F

ClientSampleId :

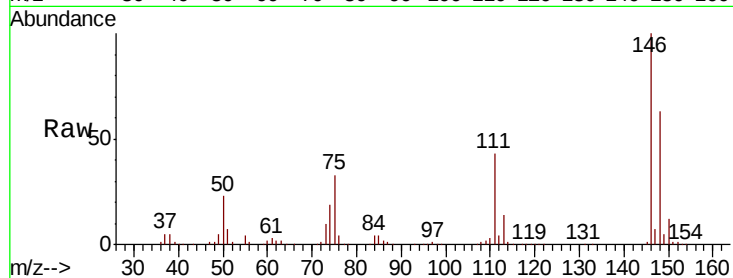
Tot Ion:146 Resp: 478804

Ion Ratio Lower Upper

146 100

148 62.6 50.2 75.2

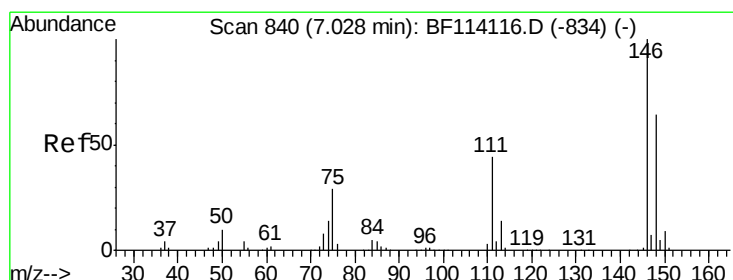
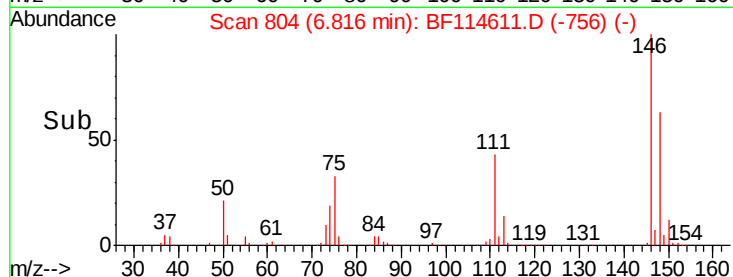
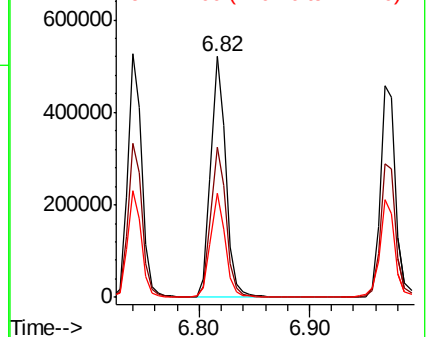
111 43.1 35.8 53.6



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: 35.739 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

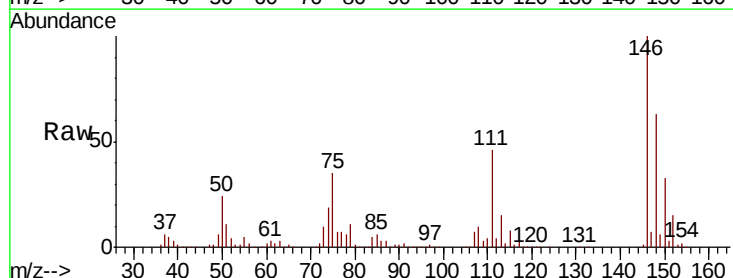
Tgt Ion:146 Resp: 442575

Ion Ratio Lower Upper

146 100

148 63.3 51.1 76.7

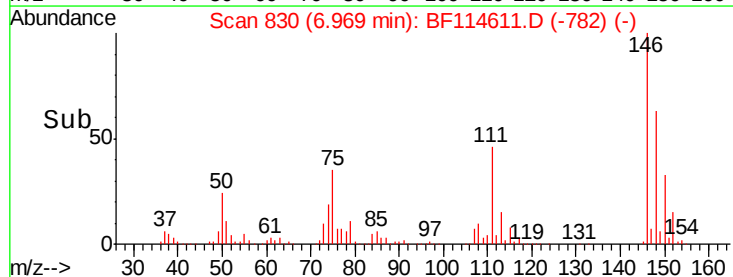
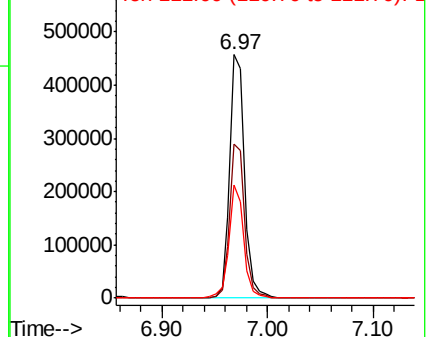
111 46.4 35.3 52.9



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: 34.952 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

Instrument :

BNA_F

ClientSampled :

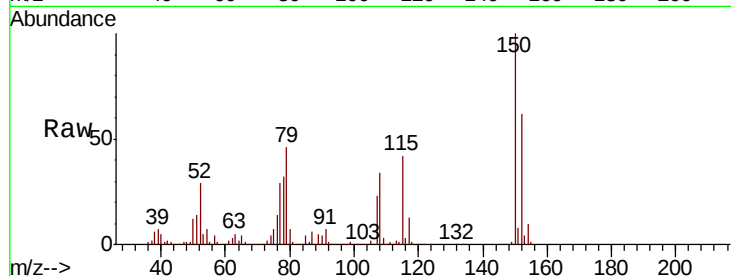
Tot Ion: 79 Resp: 361906

Ion Ratio Lower Upper

79 100

108 73.9 62.1 93.1

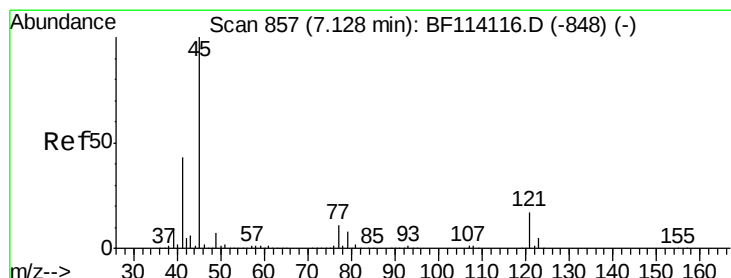
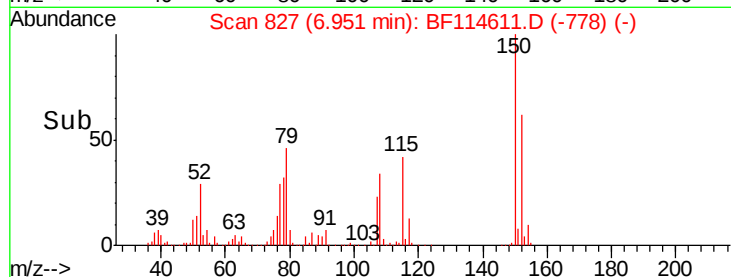
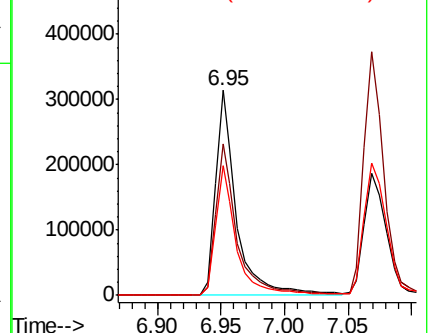
77 63.1 51.0 76.6



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: 33.702 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

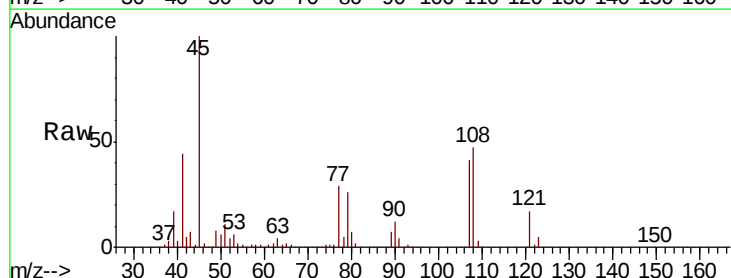
Tgt Ion: 45 Resp: 774790

Ion Ratio Lower Upper

45 100

77 29.4 0.0 31.1

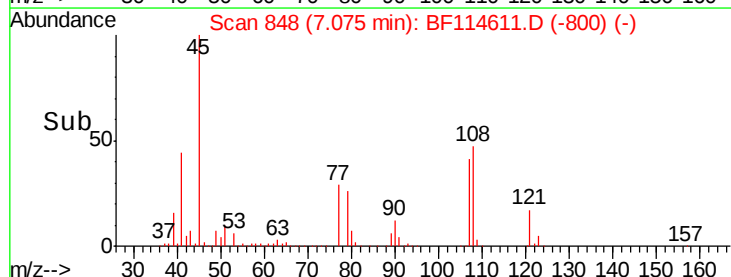
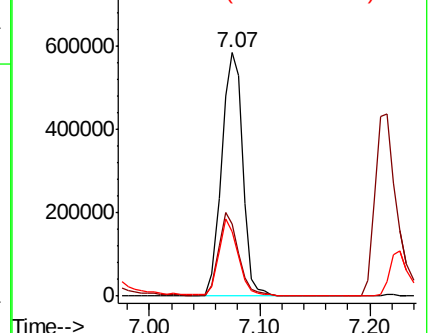
79 26.4 0.0 28.4

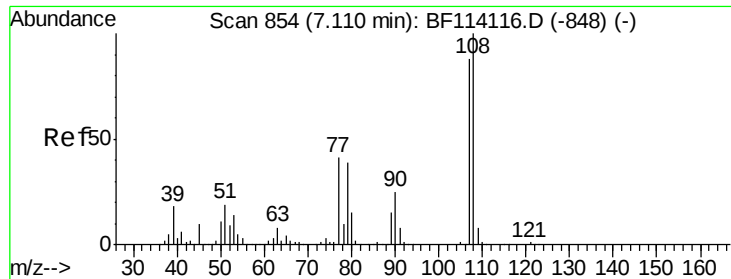


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

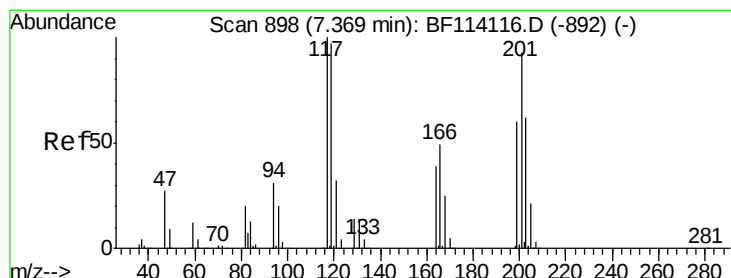
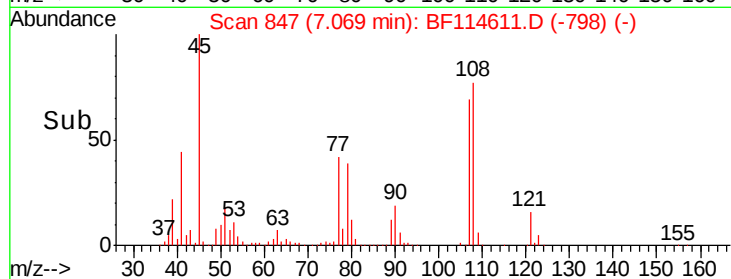
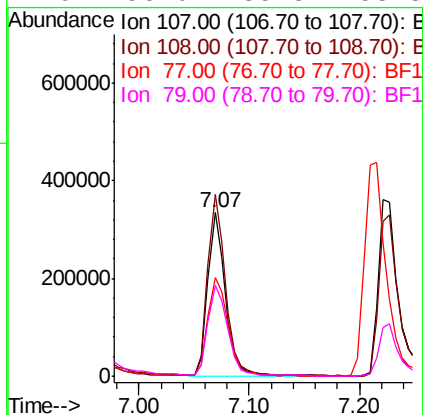
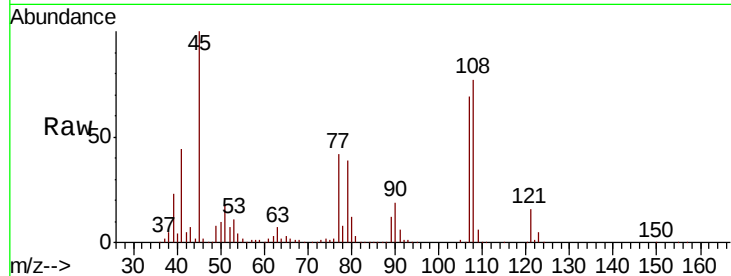




#17
2-Methylphenol
Concen: 36.439 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

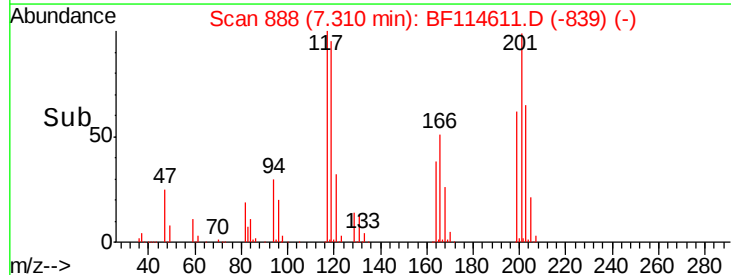
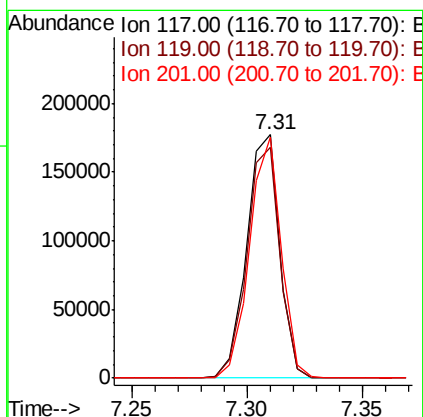
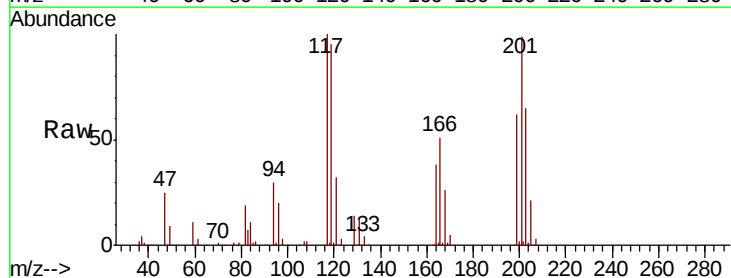
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.5	135.7
77	60.4	37.0	55.4
79	56.0	35.8	53.8



#18
Hexachloroethane
Concen: 34.910 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.4	116.2
201	98.9	74.5	111.7

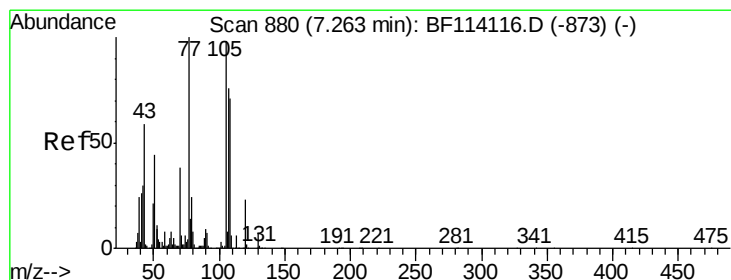
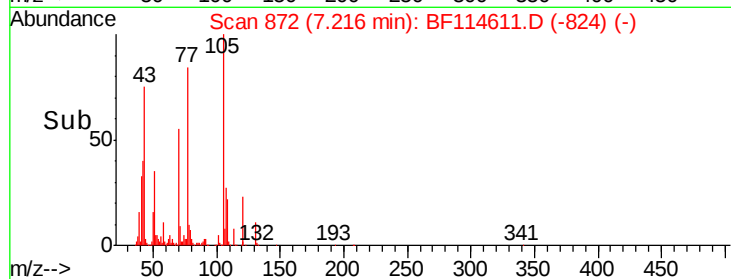
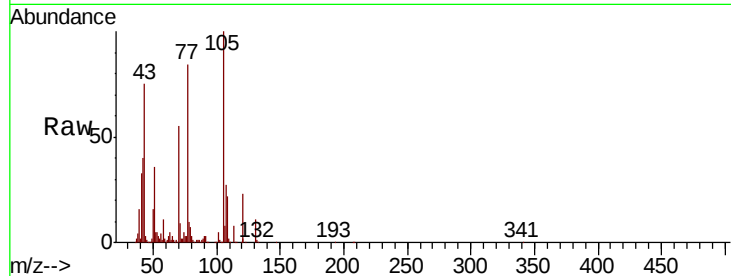
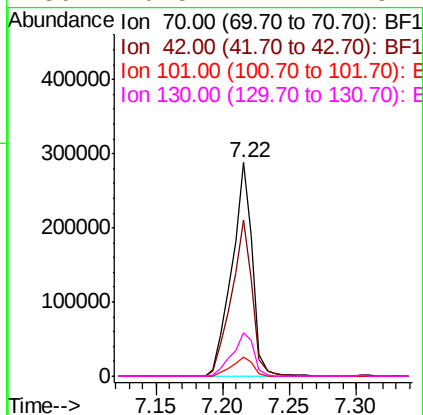




#19
n-Nitroso-di-n-propylamine
Concen: 37.188 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

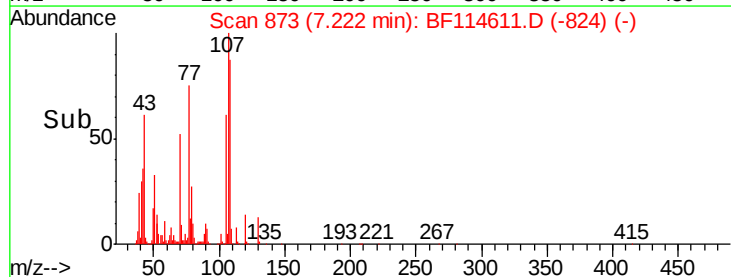
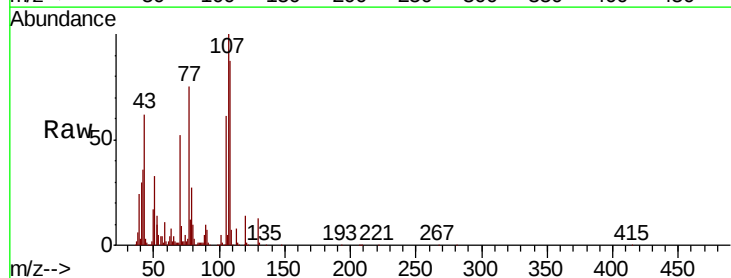
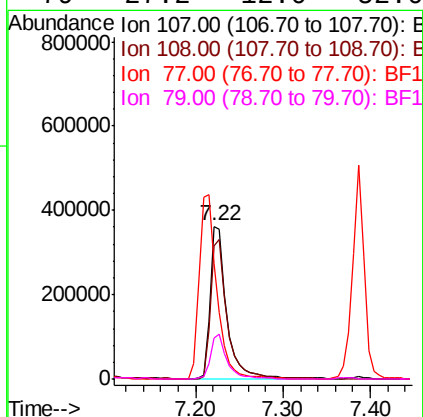
Instrument :
BNA_F
ClientSampleId :

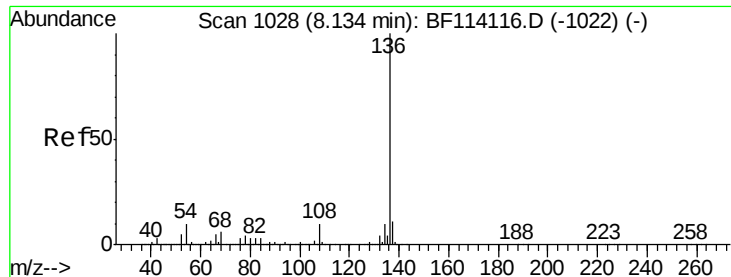
Tot Ion	Ratio	Lower	Upper
70	100		
42	72.9	58.6	87.8
101	9.3	7.8	11.8
130	20.5	17.1	25.7



#20
3+4-Methylphenols
Concen: 41.644 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	73.8	113.8
77	75.3	111.5	151.5#
79	27.2	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 725880

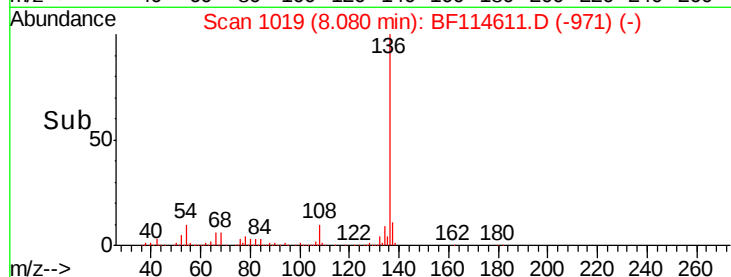
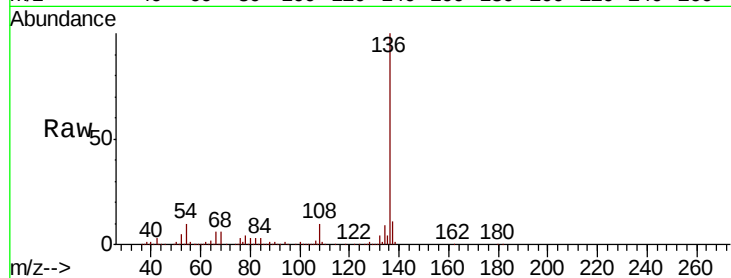
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.8 7.8 11.8

68 6.0 5.1 7.7

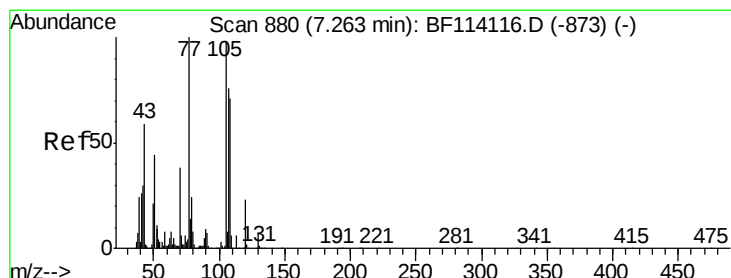
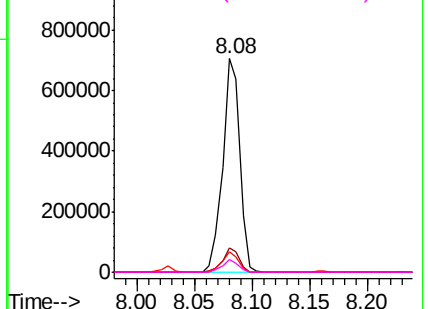


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 37.968 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.02 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

Tgt Ion:105 Resp: 610545

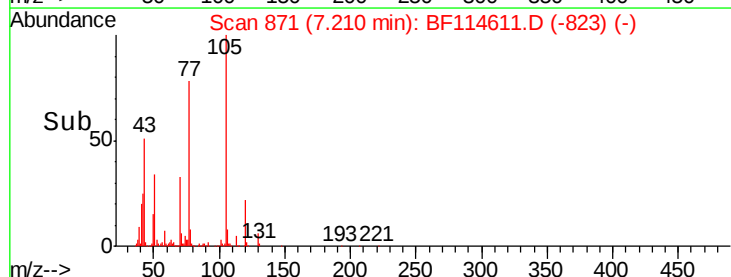
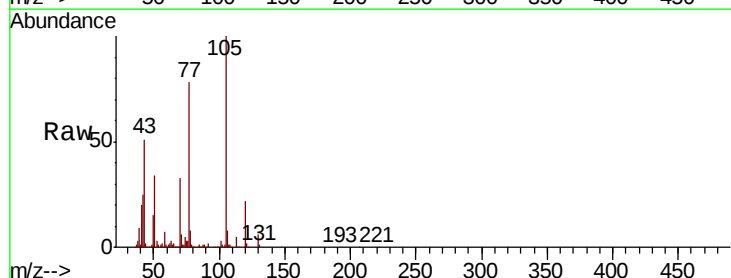
Ion Ratio Lower Upper

105 100

71 5.6 5.3 7.9

51 33.8 36.2 54.4#

120 22.3 18.6 28.0

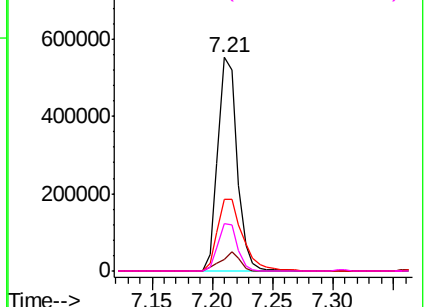


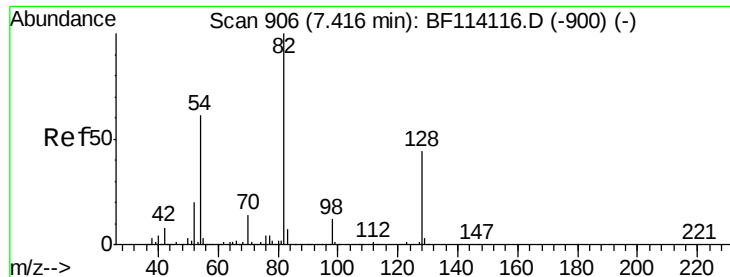
Abundance Ion 105.00 (104.70 to 105.70): E

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



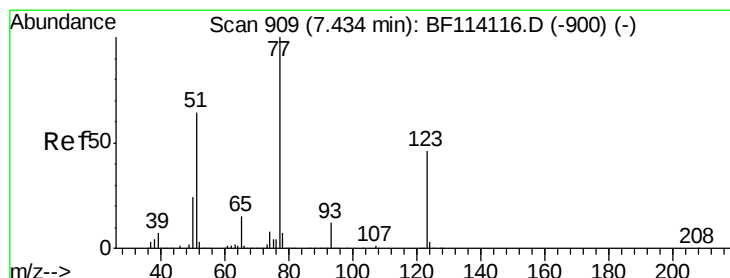
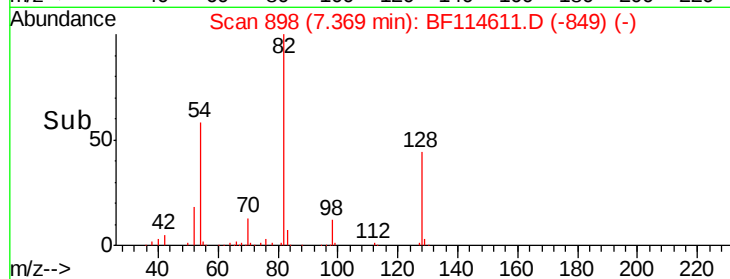
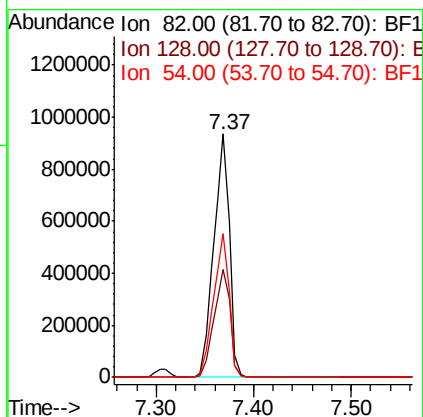
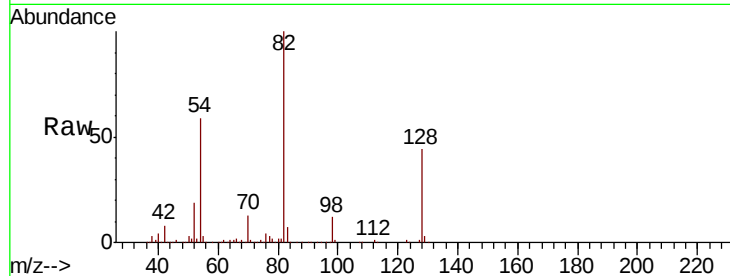


#23
 Nitrobenzene-d5
 Concen: 80.412 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF114611.D
 Acq: 25 May 2019 18:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1040077

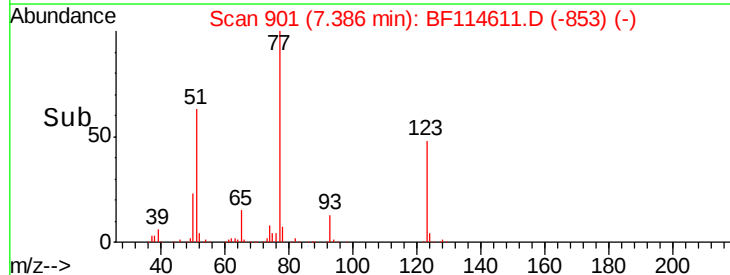
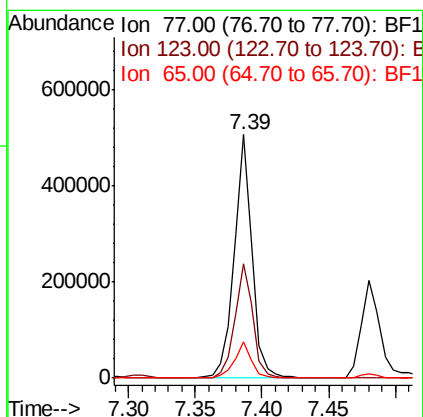
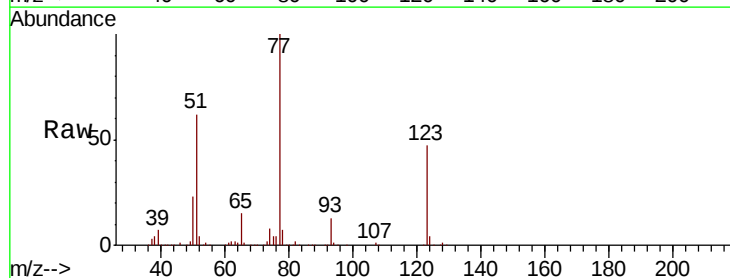
Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.5	53.3
54	58.9	48.5	72.7

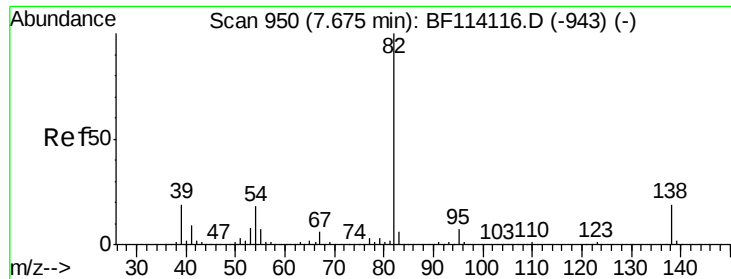


#24
 Nitrobenzene
 Concen: 35.997 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF114611.D
 Acq: 25 May 2019 18:31

Tgt Ion: 77 Resp: 474215

Ion	Ratio	Lower	Upper
77	100		
123	47.1	36.9	55.3
65	14.6	11.8	17.6

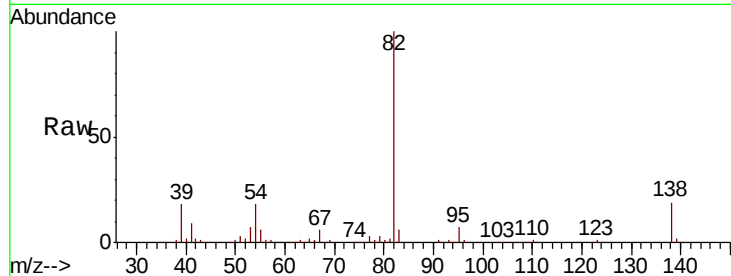




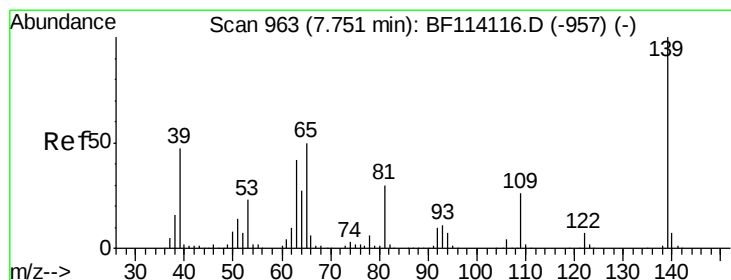
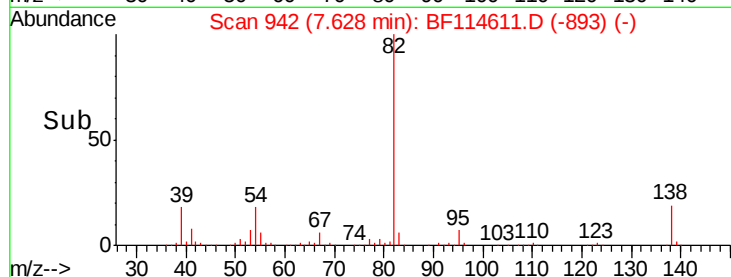
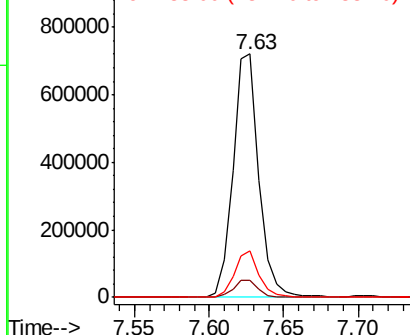
#25
Isophorone
Concen: 36.327 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 871425
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.0 14.8 22.2

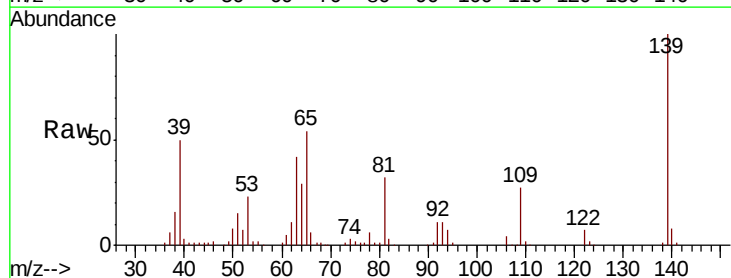


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

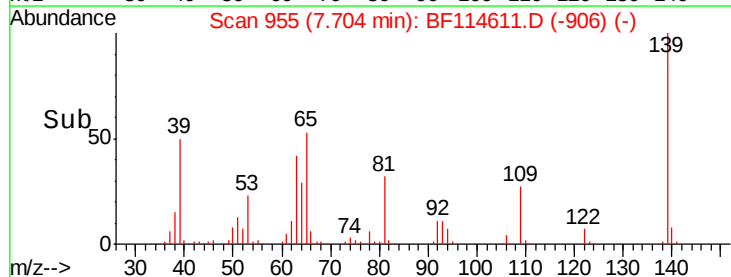
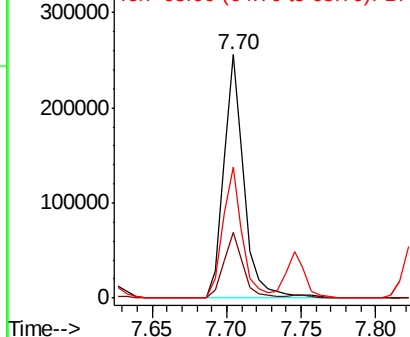


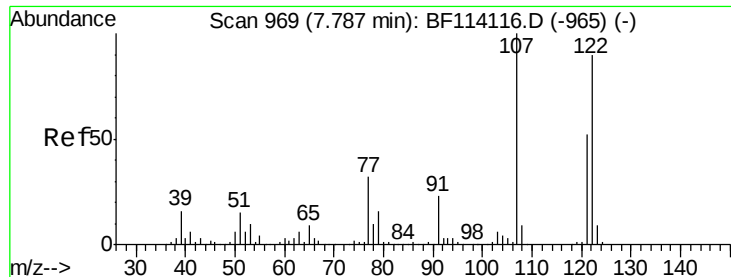
#26
2-Nitrophenol
Concen: 38.447 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Tgt Ion: 139 Resp: 245732
Ion Ratio Lower Upper
139 100
109 27.1 20.7 31.1
65 53.6 40.2 60.2



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.820 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

Instrument :

BNA_F

ClientSampleId :

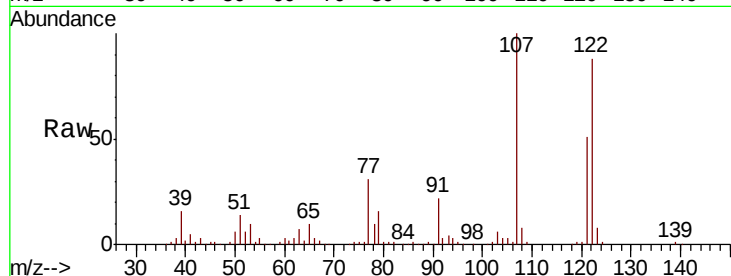
Tot Ion:122 Resp: 399728

Ion Ratio Lower Upper

122 100

107 113.9 88.4 132.6

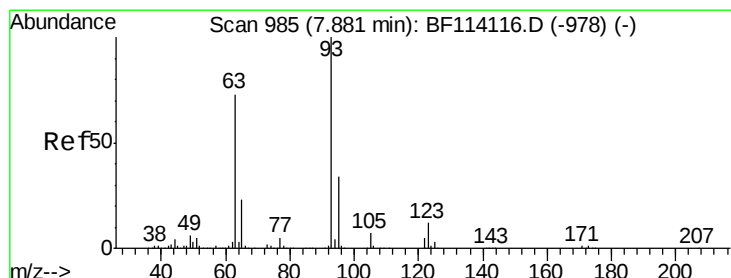
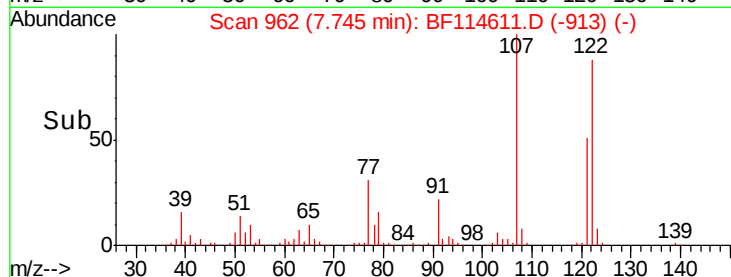
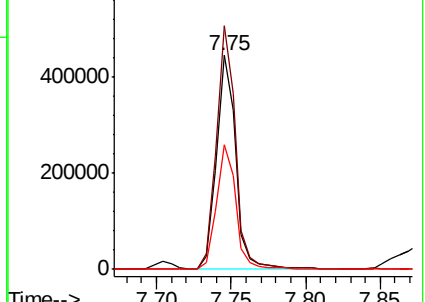
121 58.4 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.429 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

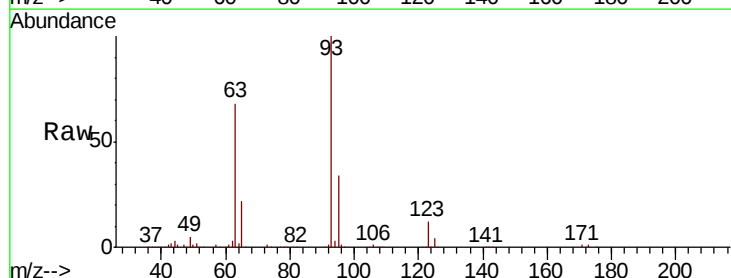
Tgt Ion: 93 Resp: 551439

Ion Ratio Lower Upper

93 100

95 33.8 26.8 40.2

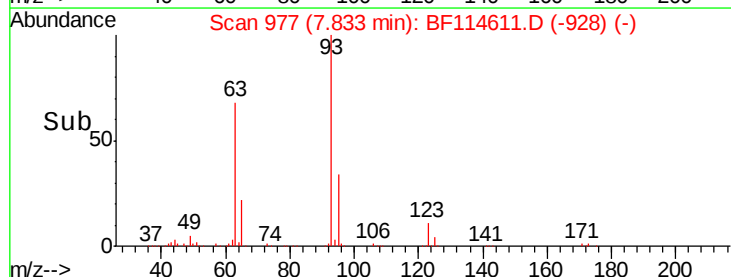
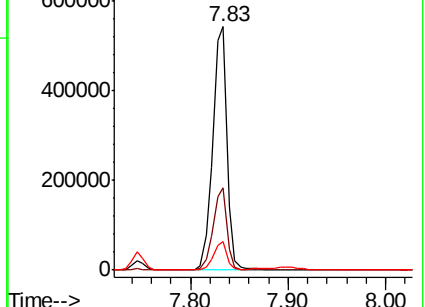
123 11.6 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

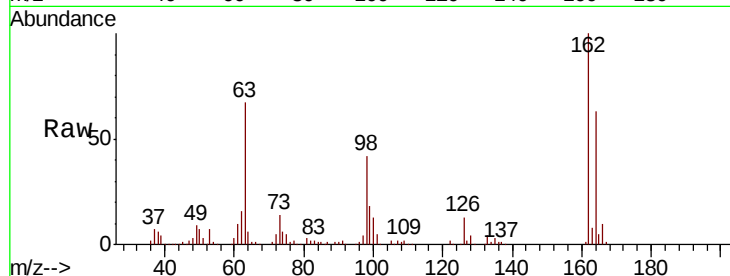




#29
 2,4-Dichlorophenol
 Concen: 38.391 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF114611.D
 Acq: 25 May 2019 18:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	43.6	83.6
98	41.9	20.6	60.6

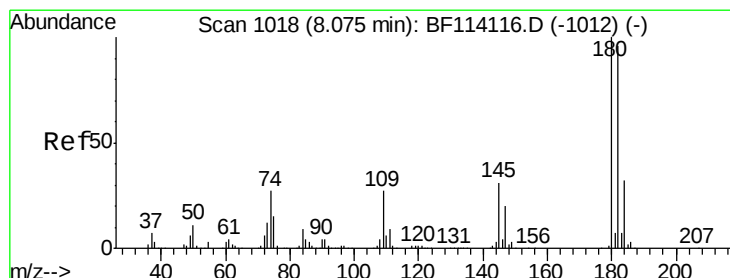
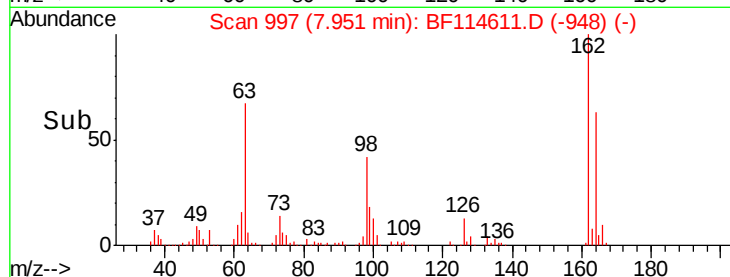
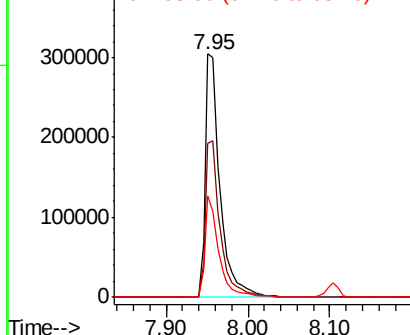


Abundance

Ion 162.00 (161.70 to 162.70): E

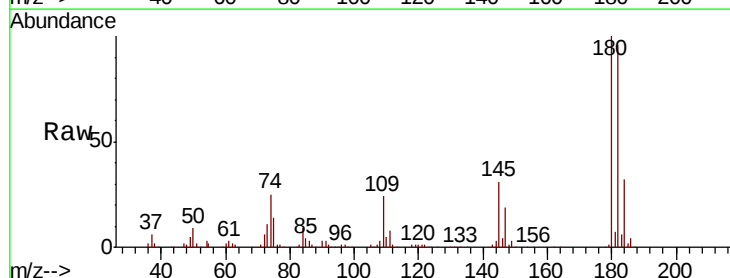
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 35.309 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF114611.D
 Acq: 25 May 2019 18:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.6	114.8
145	31.1	25.1	37.7

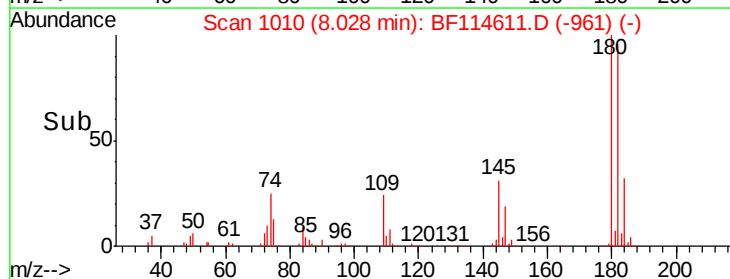
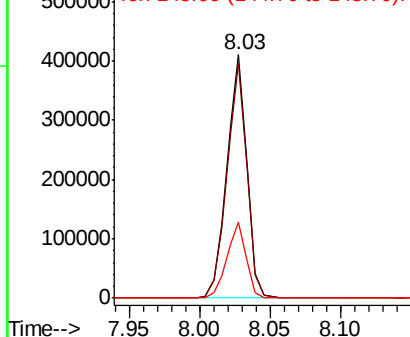


Abundance

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

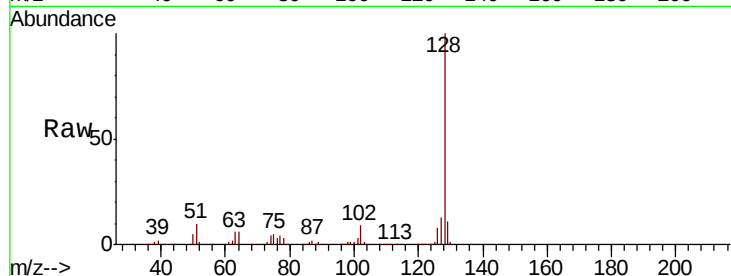




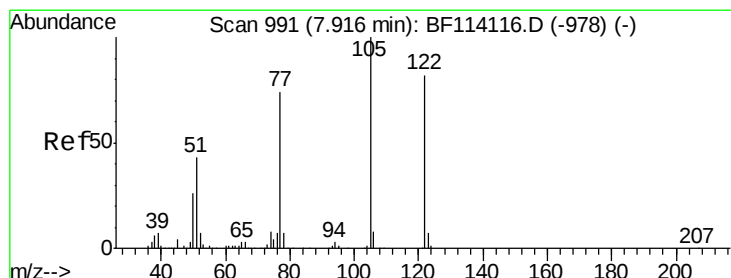
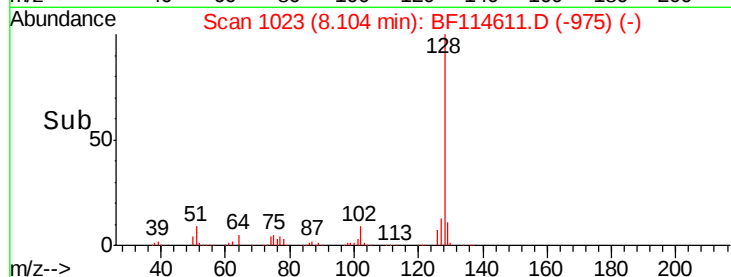
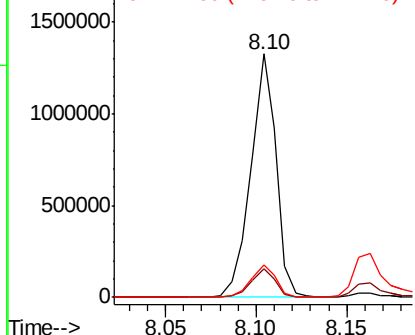
#31
Naphthalene
Concen: 37.960 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1287124
Ion Ratio Lower Upper
128 100
129 11.5 9.6 14.4
127 13.3 11.3 16.9

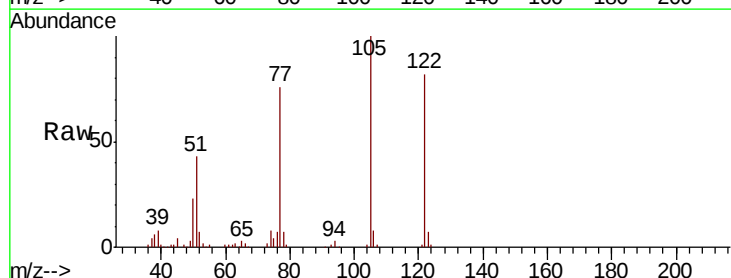


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

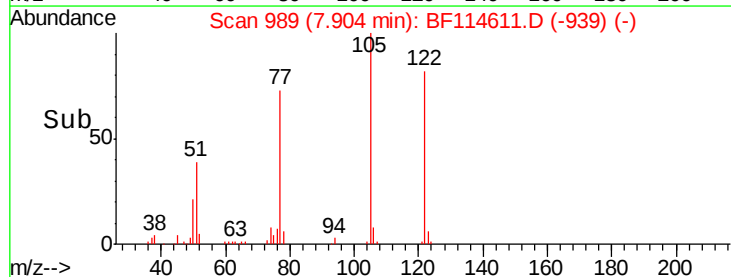
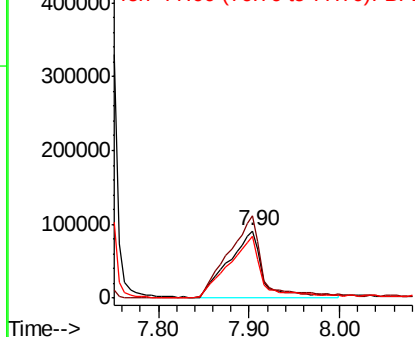


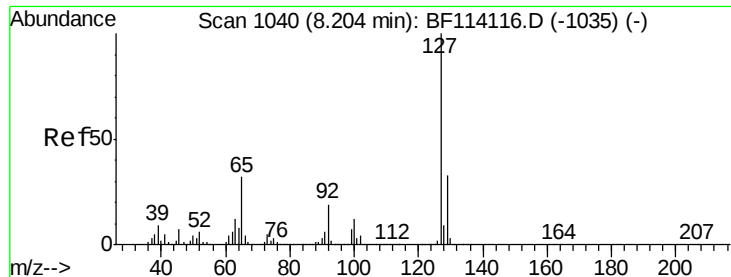
#32
Benzoic acid
Concen: 34.766 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Tgt Ion:122 Resp: 232614
Ion Ratio Lower Upper
122 100
105 122.6 99.9 139.9
77 93.1 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

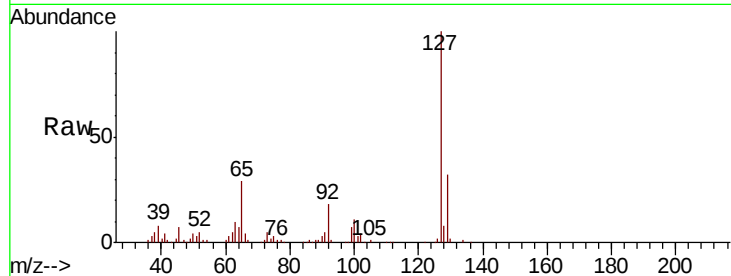




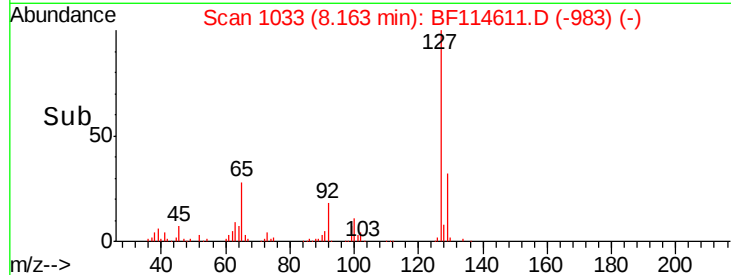
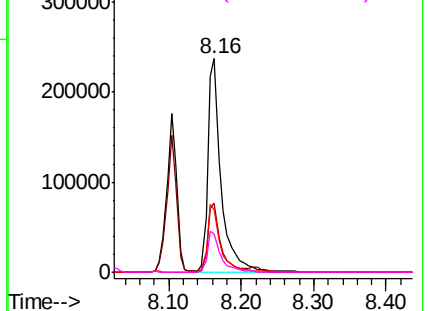
#33
4-Chloroaniline
Concen: 19.718 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	304663
Ion Ratio	Lower	Upper
127	100	
129	32.2	26.7 40.1
65	29.2	25.4 38.0
92	18.2	15.4 23.2

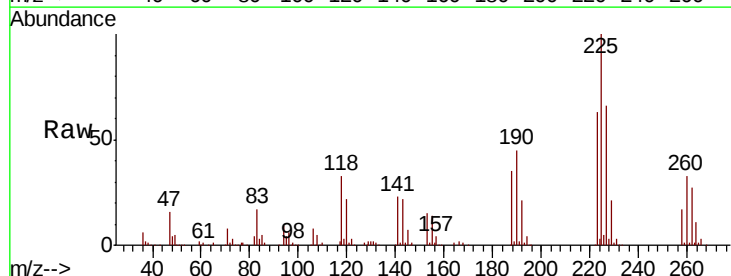


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

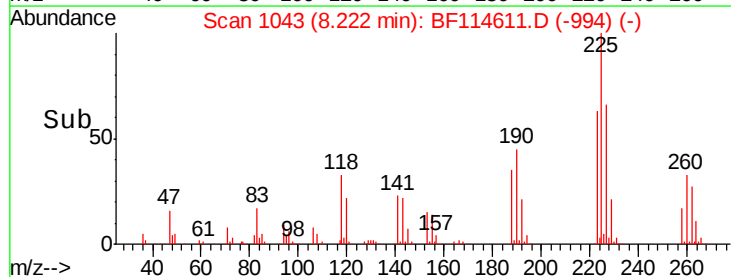
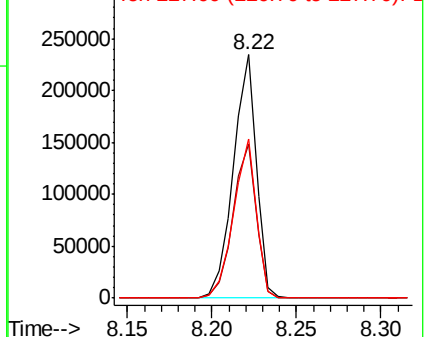


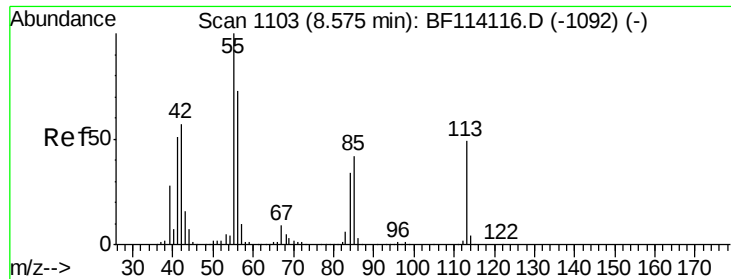
#34
Hexachlorobutadiene
Concen: 34.311 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Tgt Ion:225	Resp:	221899
Ion Ratio	Lower	Upper
225	100	
223	63.3	50.2 75.2
227	65.5	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

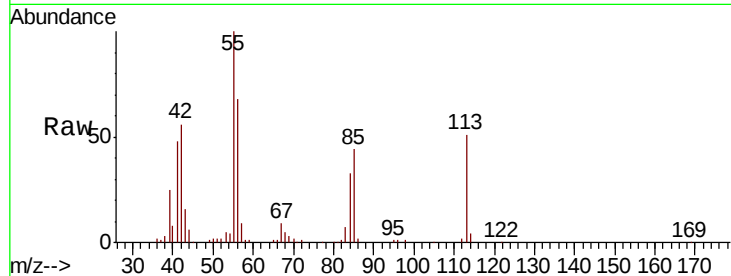




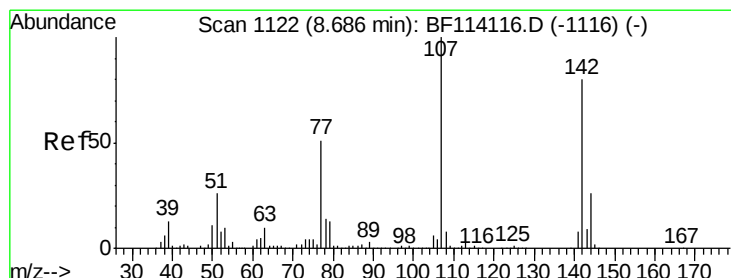
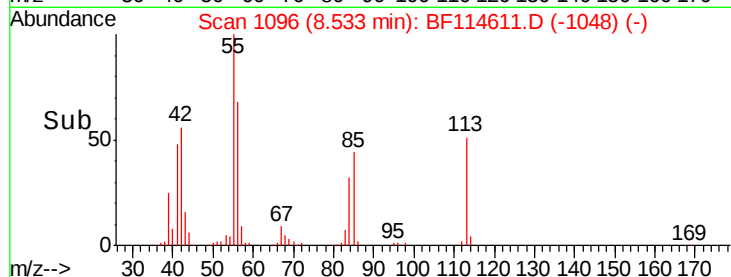
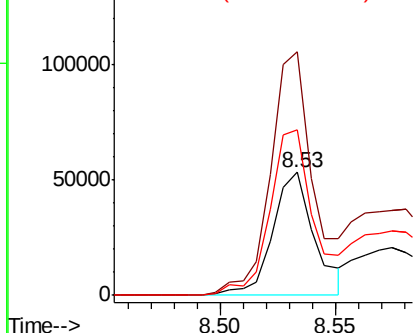
#35
Caprolactam
Concen: 20.491 ng
RT: 8.53 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 66789
Ion Ratio Lower Upper
113 100
55 197.9 183.5 223.5
56 134.6 128.8 168.8

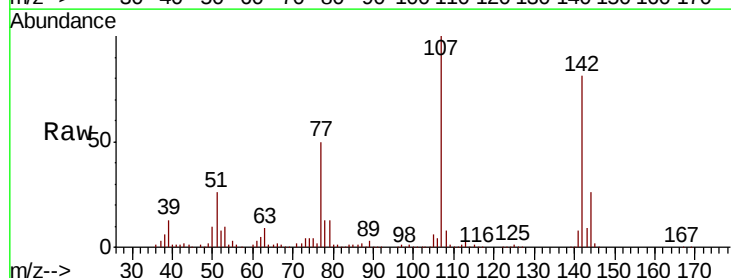


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

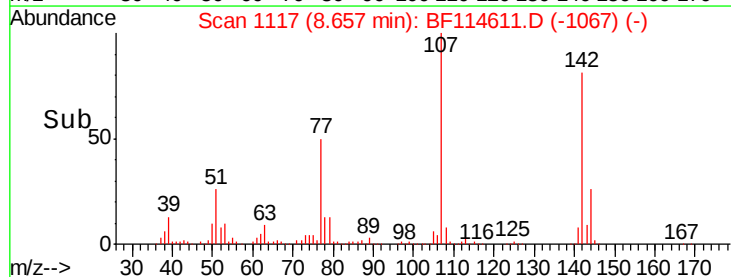
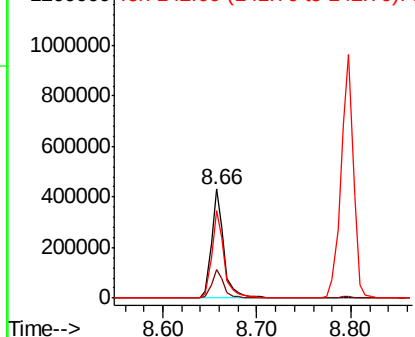


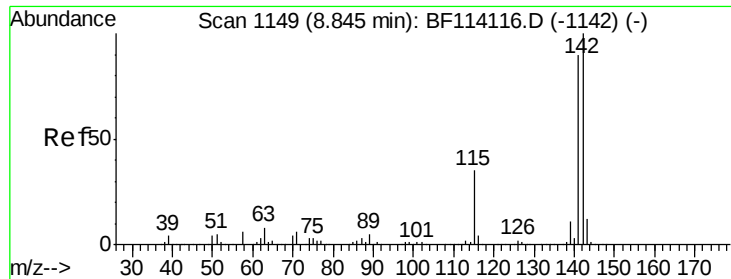
#36
4-Chloro-3-methylphenol
Concen: 39.907 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Tgt Ion:107 Resp: 401526
Ion Ratio Lower Upper
107 100
144 26.0 20.4 30.6
142 80.5 64.2 96.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

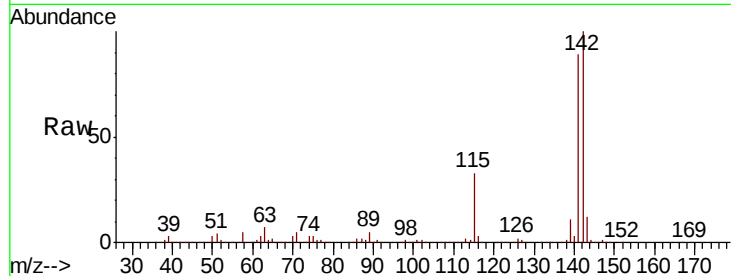




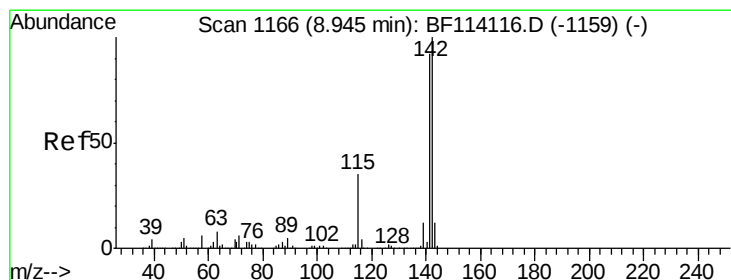
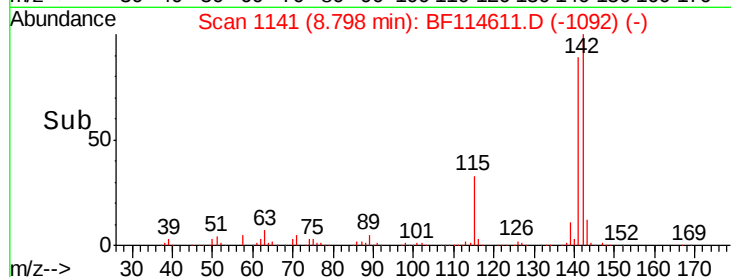
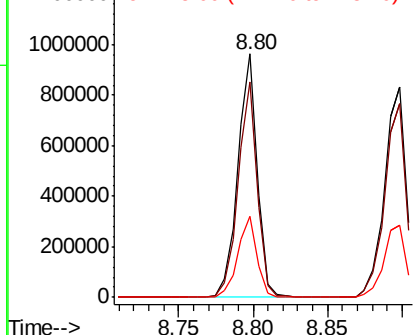
#37
2-Methylnaphthalene
Concen: 39.809 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 870880
Ion Ratio Lower Upper
142 100
141 88.7 72.1 108.1
115 33.0 28.0 42.0

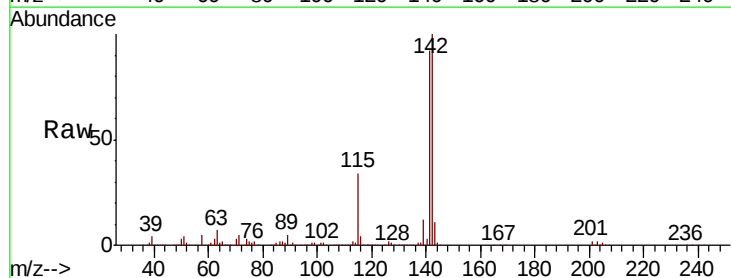


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

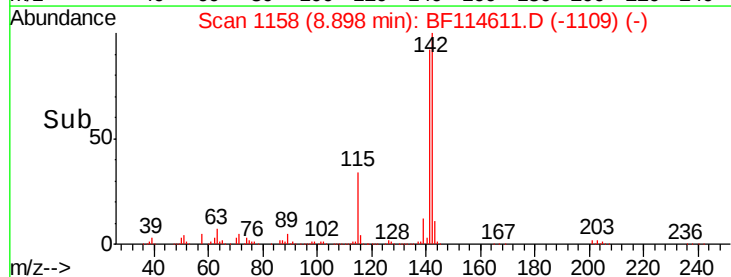
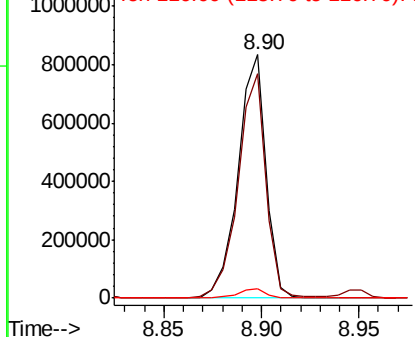


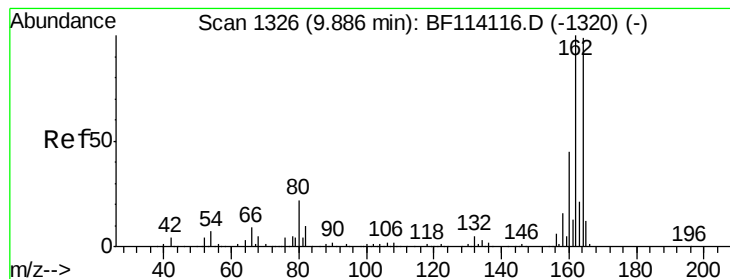
#38
1-Methylnaphthalene
Concen: 39.959 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Tgt Ion:142 Resp: 823225
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.0
116 3.8 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: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

Instrument :

BNA_F

ClientSampleId :

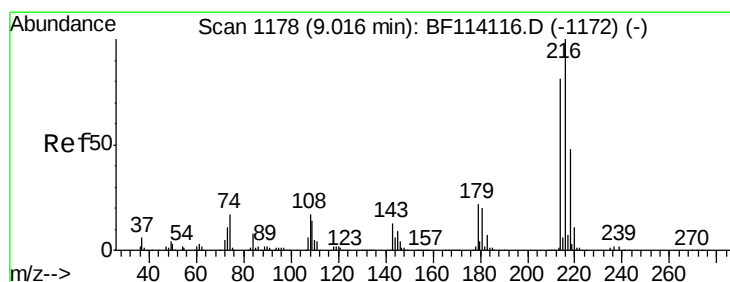
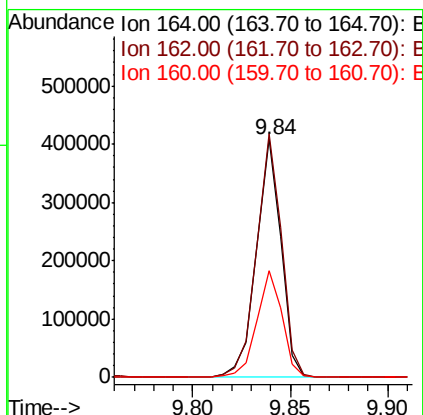
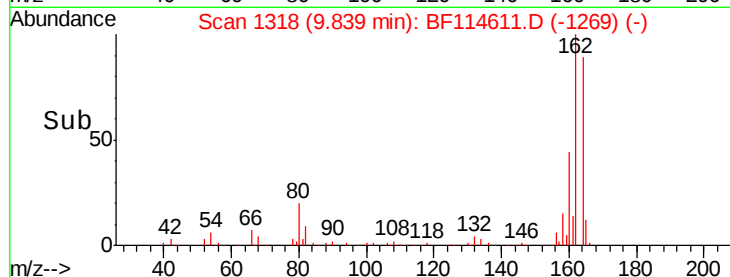
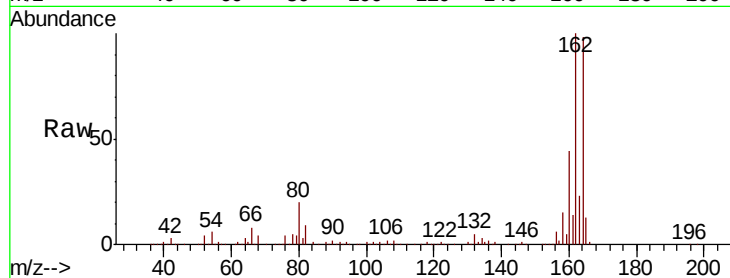
Tot Ion:164 Resp: 356846

Ion Ratio Lower Upper

164 100

162 102.1 80.6 120.8

160 44.8 36.5 54.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.678 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

Tgt Ion:216 Resp: 396472

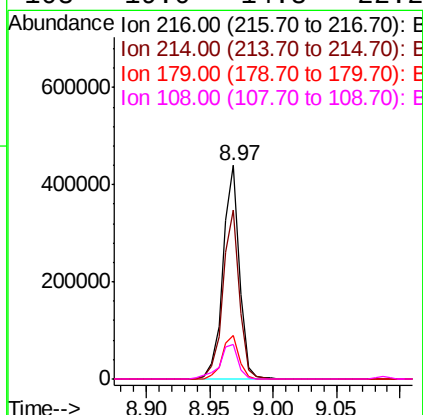
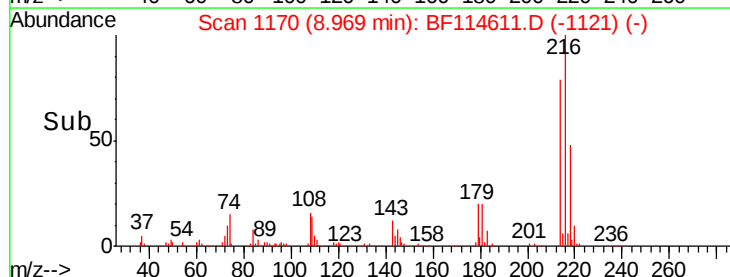
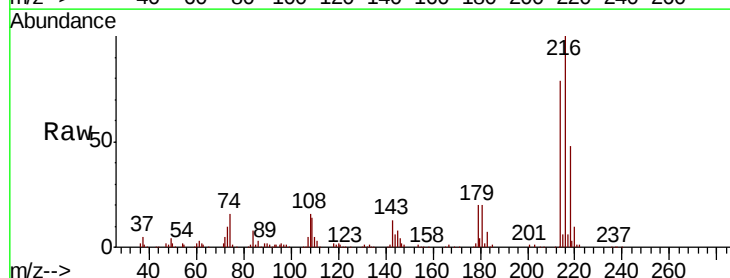
Ion Ratio Lower Upper

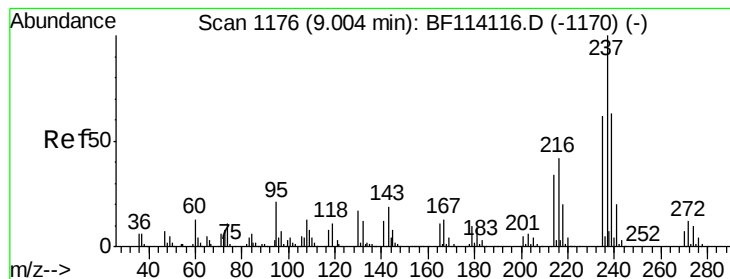
216 100

214 79.4 63.9 95.9

179 21.0 17.0 25.6

108 19.0 14.8 22.2





#41

Hexachlorocyclopentadiene

Concen: 40.364 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

Instrument :

BNA_F

ClientSampleId :

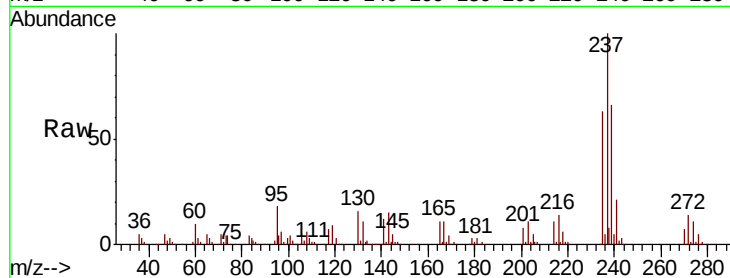
Tot Ion:237 Resp: 191866

Ion Ratio Lower Upper

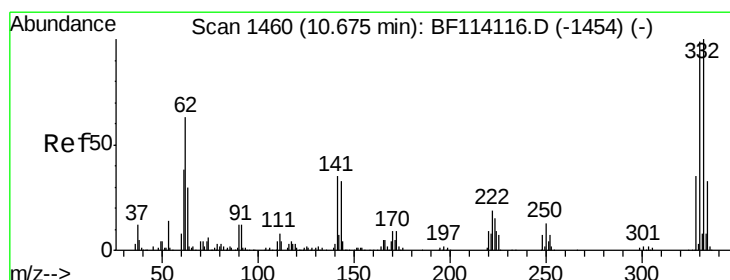
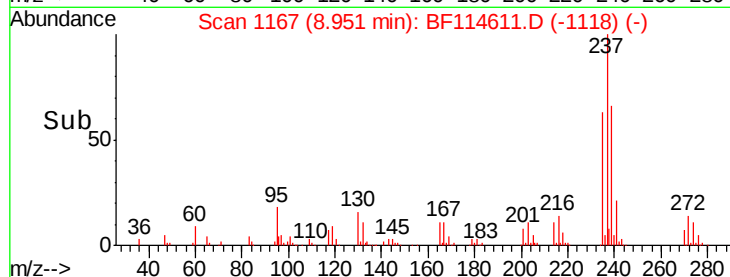
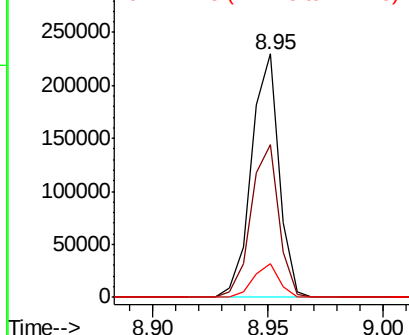
237 100

235 63.0 42.0 82.0

272 13.7 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: 102.087 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

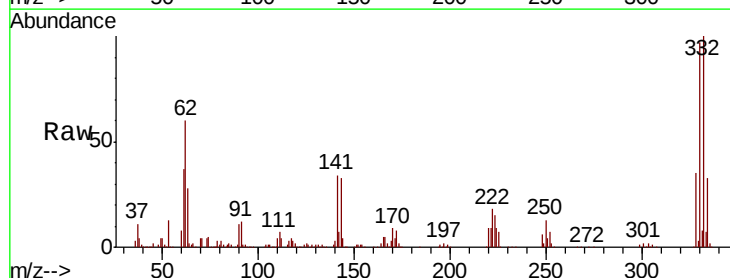
Tgt Ion:330 Resp: 376618

Ion Ratio Lower Upper

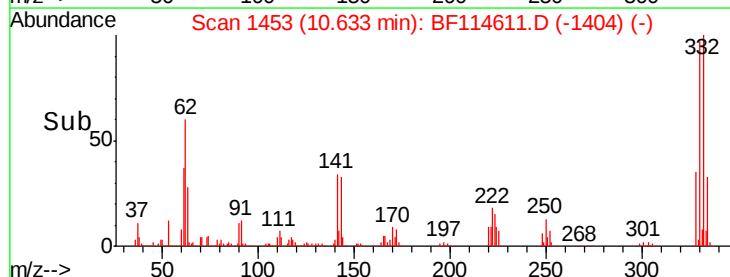
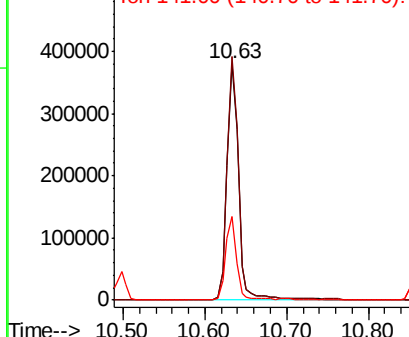
330 100

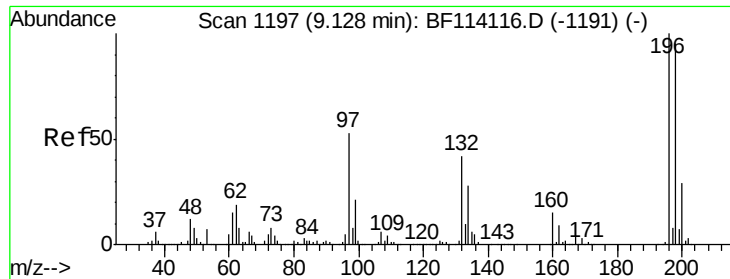
332 100.7 81.4 122.2

141 33.4 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

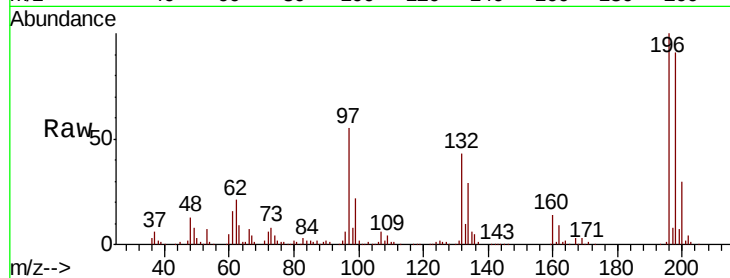




#43
 2,4,6-Trichlorophenol
 Concen: 33.799 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114611.D
 Acq: 25 May 2019 18:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.1	75.9	113.9
200	29.7	23.5	35.3

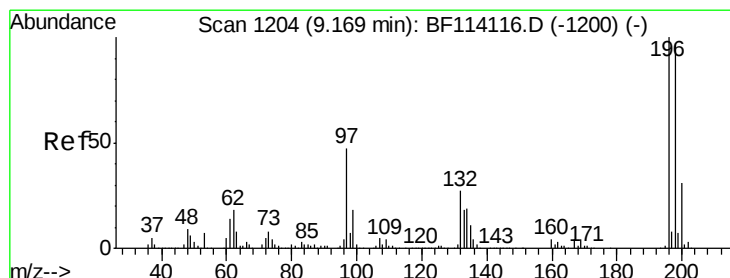
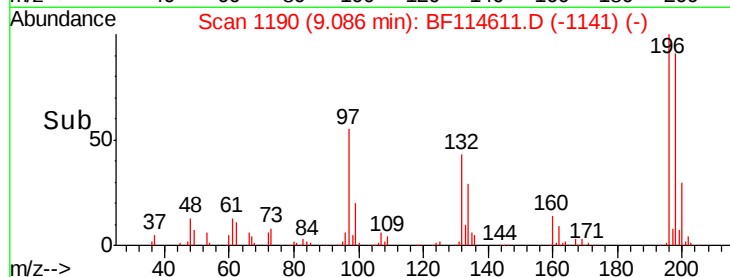
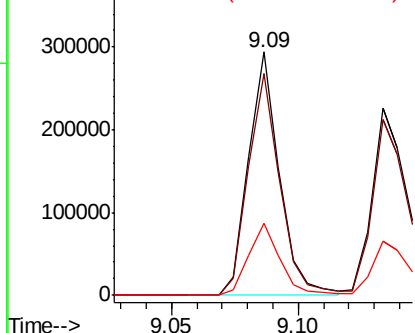


Abundance

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: 33.437 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114611.D
 Acq: 25 May 2019 18:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	77.7	116.5
97	51.7	38.2	57.2
132	28.8	21.4	32.2

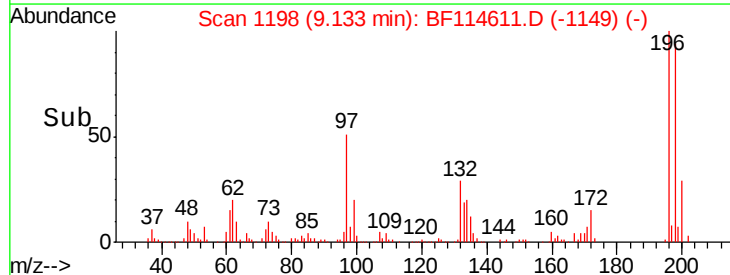
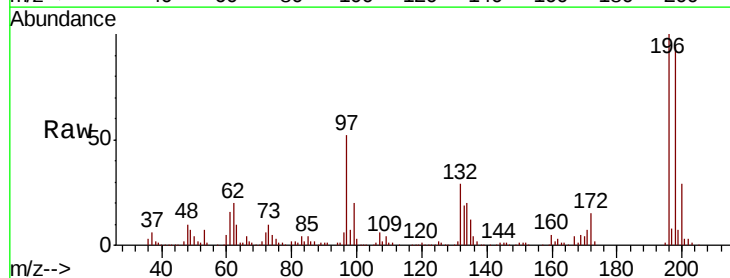
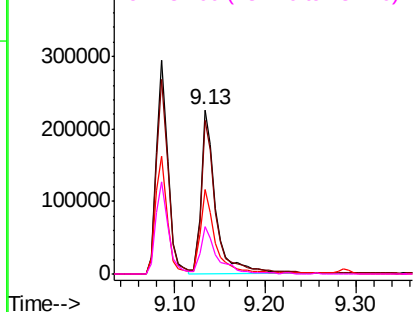
Abundance

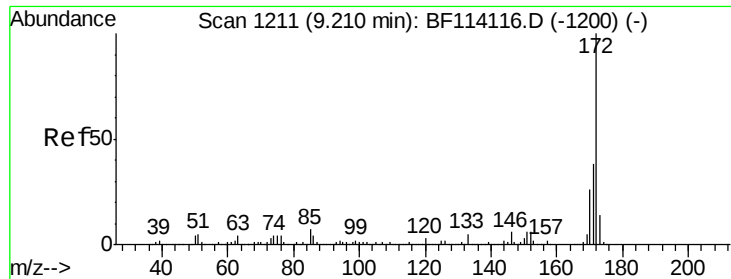
Ion 196.00 (195.70 to 196.70): E

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

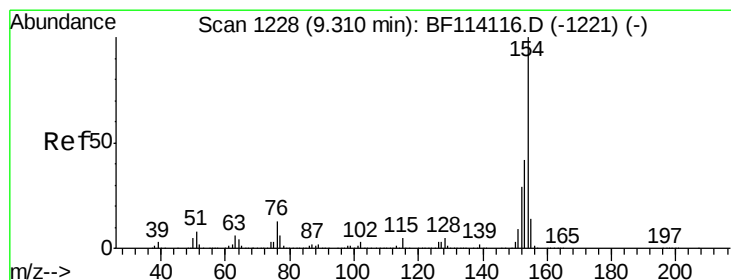
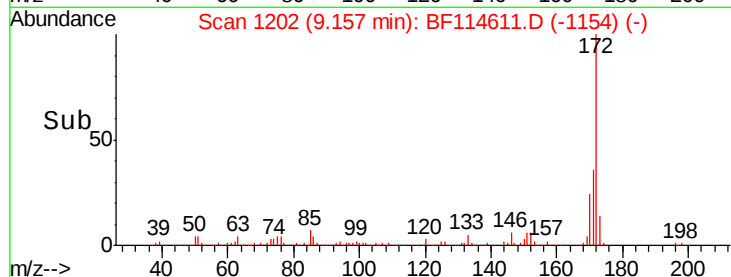
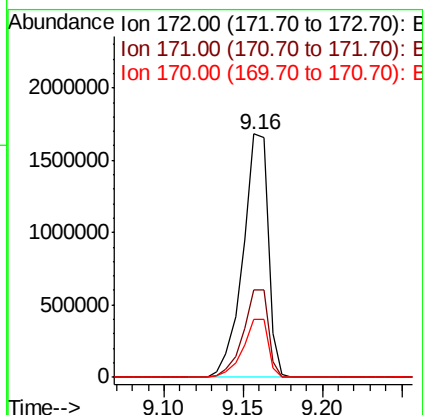
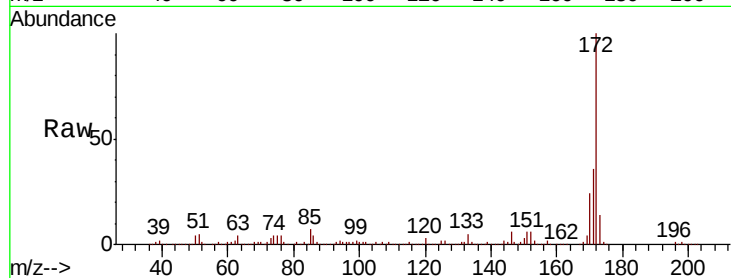




#45
 2-Fluorobiphenyl
 Concen: 78.525 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF114611.D
 Acq: 25 May 2019 18:31

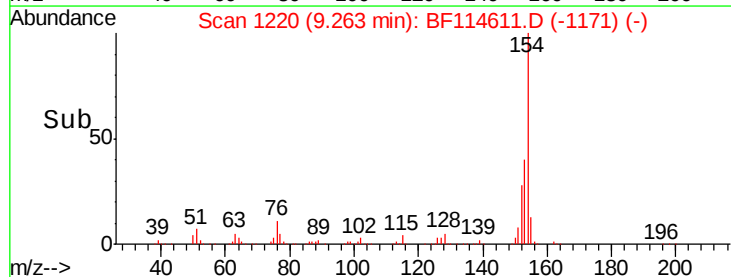
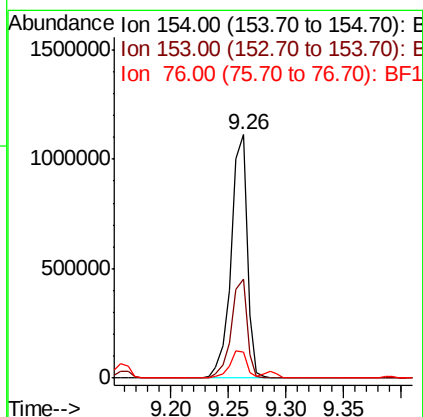
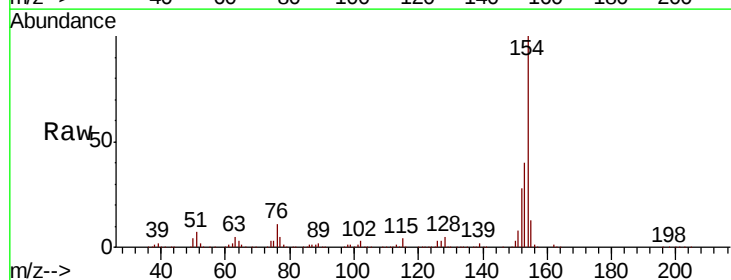
Instrument :
 BNA_F
 ClientSampleId :

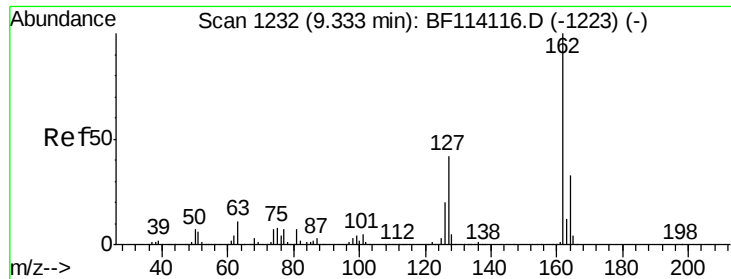
Tot Ion:172 Resp: 1852445
 Ion Ratio Lower Upper
 172 100
 171 35.7 30.7 46.1
 170 23.9 20.5 30.7



#46
 1,1'-Biphenyl
 Concen: 37.251 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF114611.D
 Acq: 25 May 2019 18:31

Tgt Ion:154 Resp: 1073897
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.9 61.9
 76 10.9 0.0 32.8

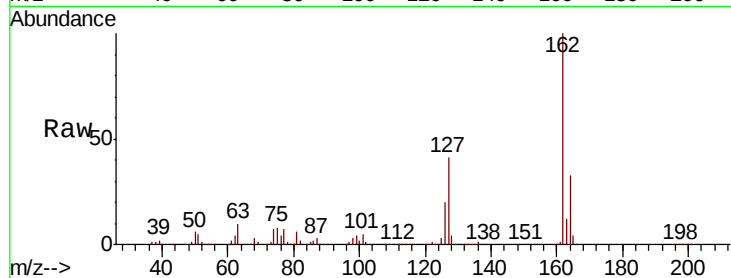




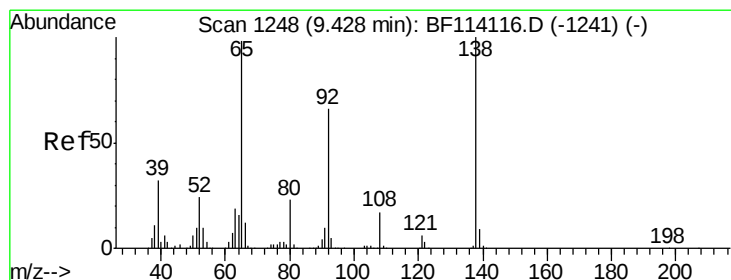
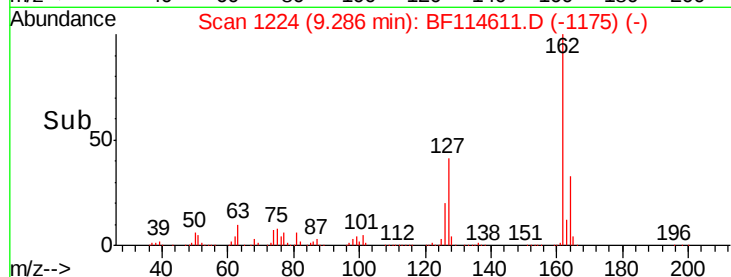
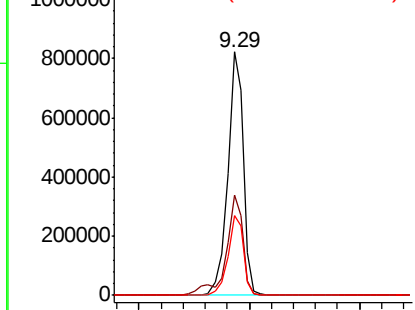
#47
 2-Chloronaphthalene
 Concen: 34.889 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF114611.D
 Acq: 25 May 2019 18:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	34.0	51.0
164	32.8	26.7	40.1

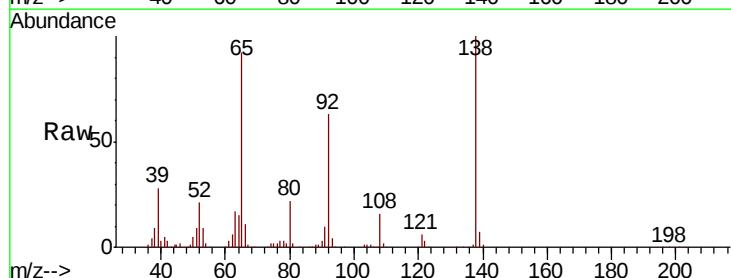


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

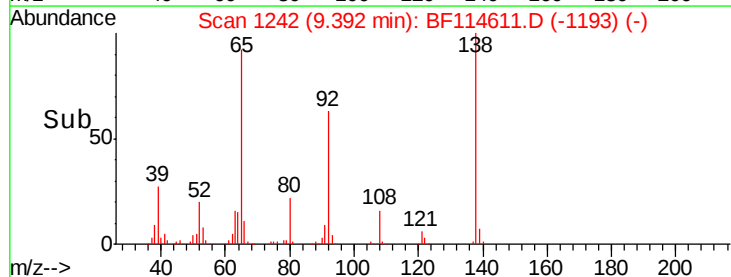
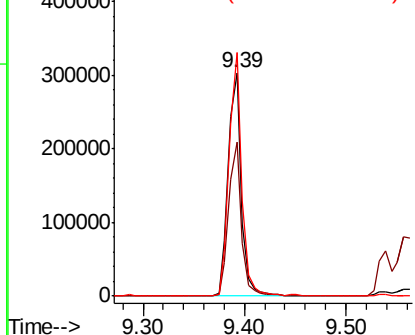


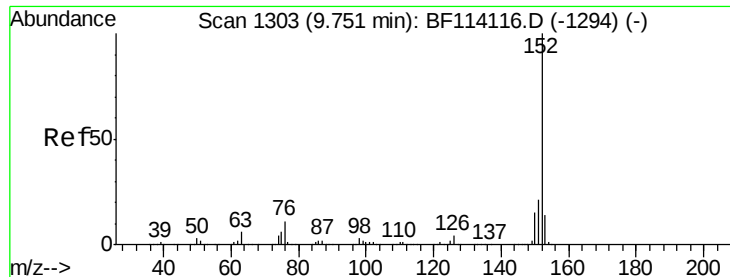
#48
 2-Nitroaniline
 Concen: 33.416 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF114611.D
 Acq: 25 May 2019 18:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	53.9	80.9
138	108.8	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: 36.009 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

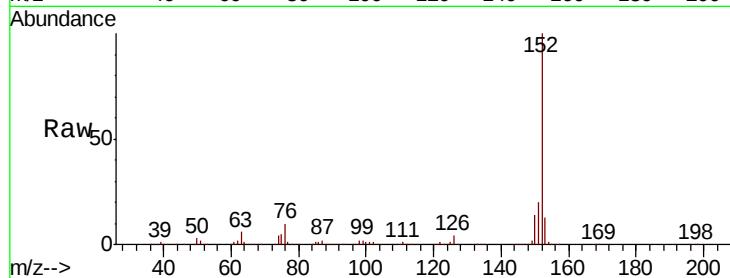
Instrument :

BNA_F

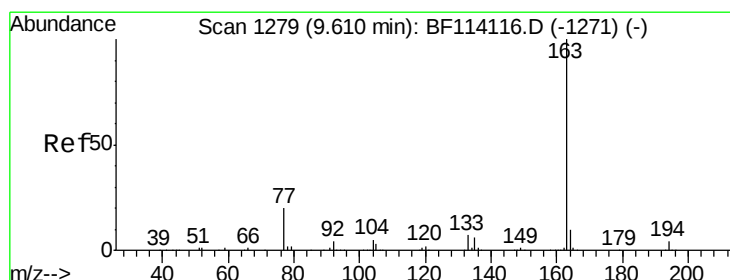
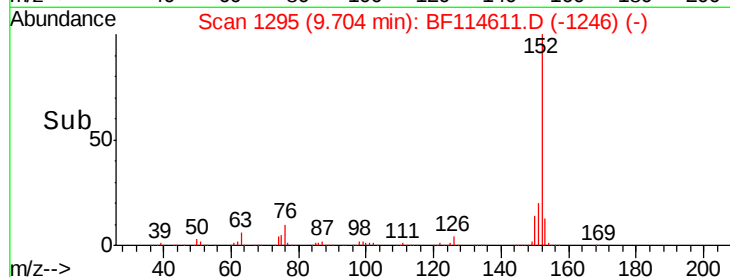
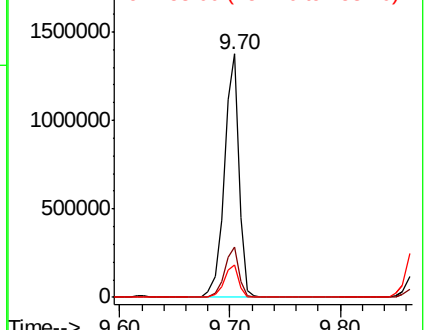
ClientSampleId :

Tot Ion:152 Resp: 1270637

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.3	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: 35.291 ng

RT: 9.56 min Scan# 1271

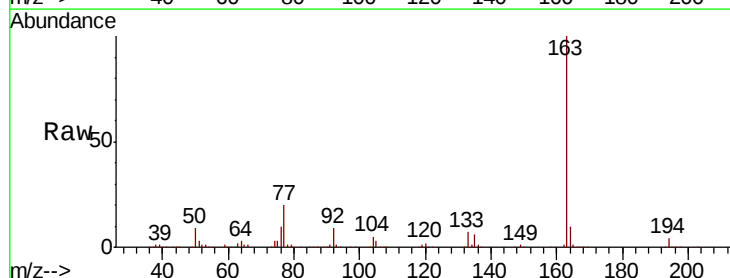
Delta R.T. -0.01 min

Lab File: BF114611.D

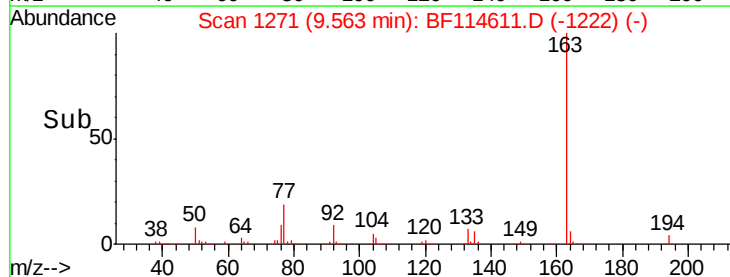
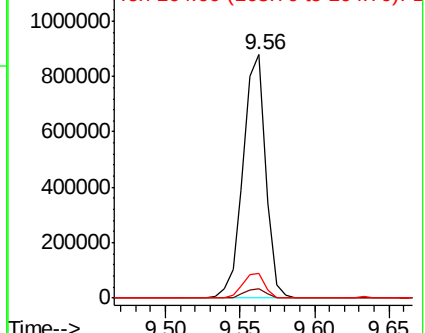
Acq: 25 May 2019 18:31

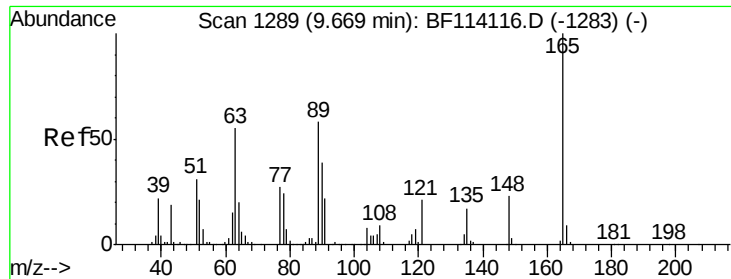
Tgt Ion:163 Resp: 924486

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.4	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: 35.904 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

Instrument :

BNA_F

ClientSampleId :

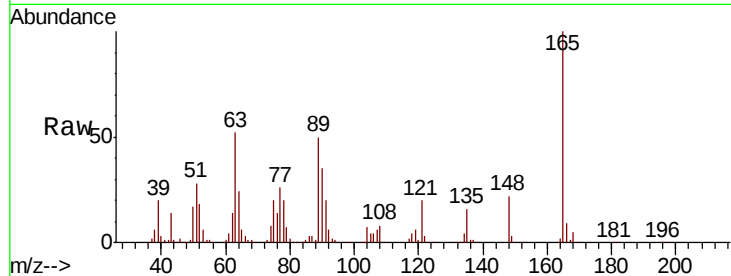
Tot Ion:165 Resp: 208611

Ion Ratio Lower Upper

165 100

63 52.0 50.2 75.4

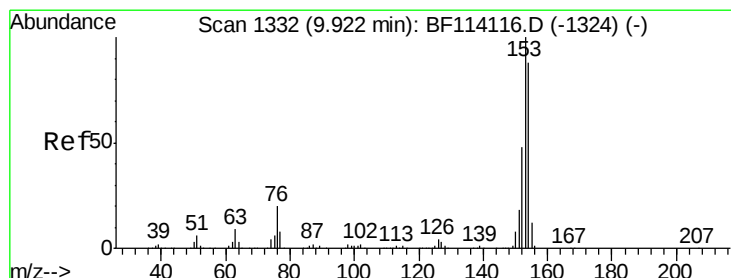
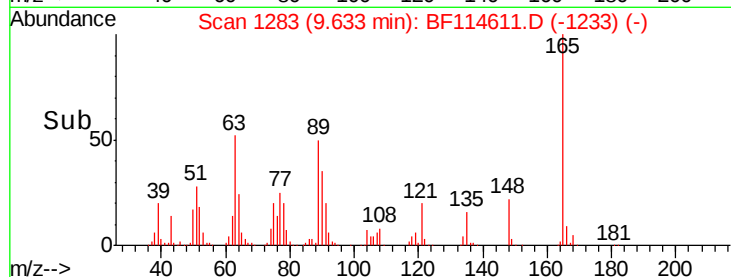
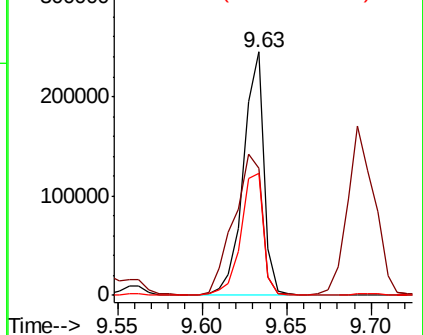
89 50.4 46.6 69.8



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: 34.728 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

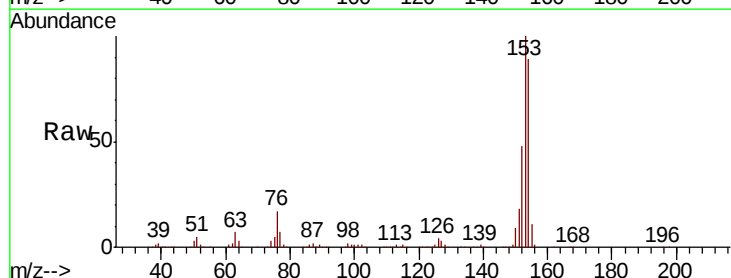
Tgt Ion:154 Resp: 751992

Ion Ratio Lower Upper

154 100

153 112.9 90.5 135.7

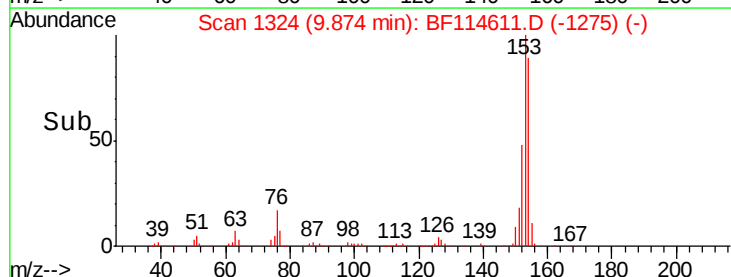
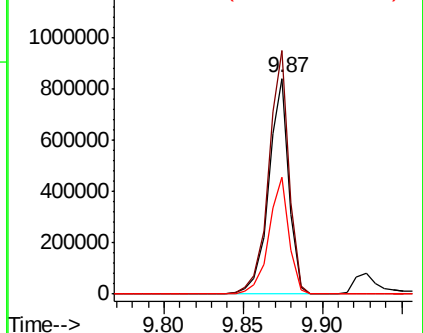
152 54.1 43.4 65.2



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

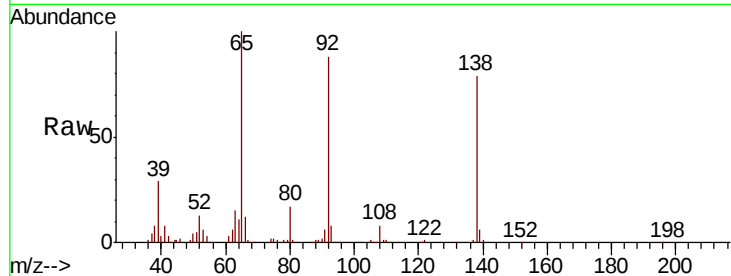




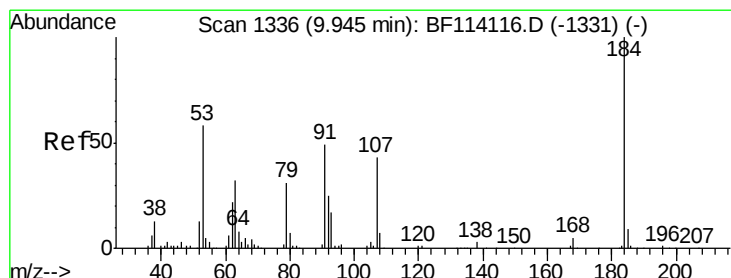
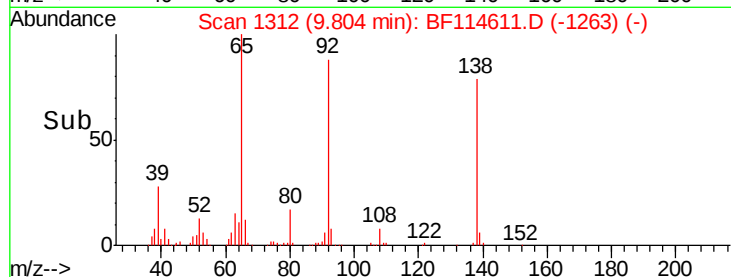
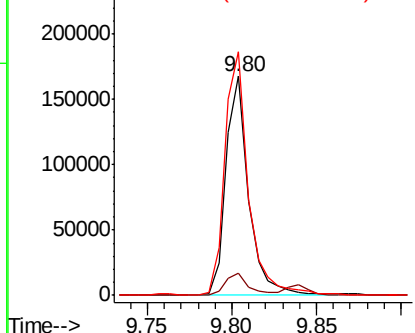
#53
3-Nitroaniline
Concen: 21.844 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 157546
Ion Ratio Lower Upper
138 100
108 9.9 7.8 11.6
92 111.1 91.2 136.8

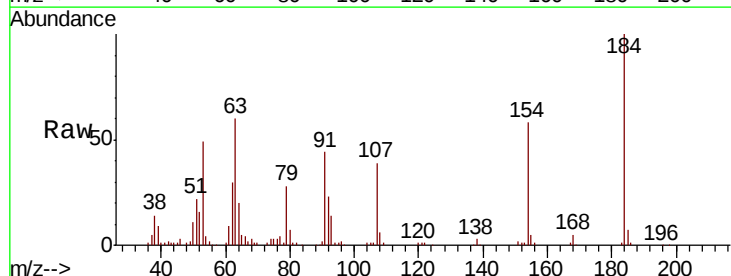


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

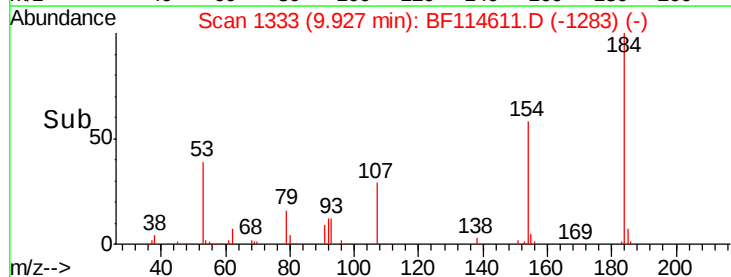
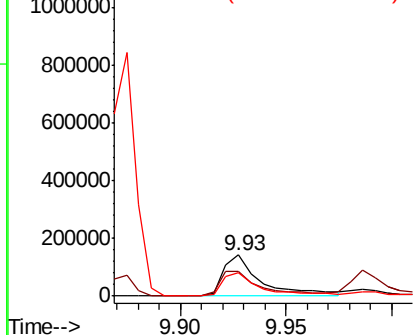


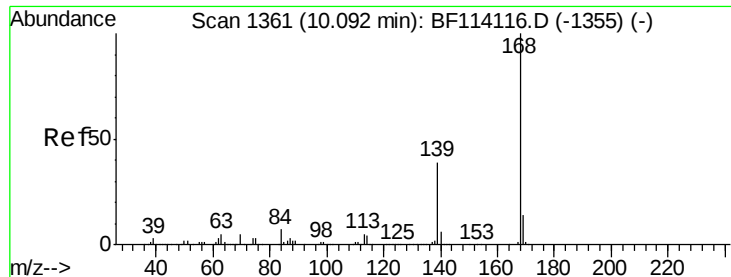
#54
2,4-Dinitrophenol
Concen: 62.043 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Tgt Ion:184 Resp: 176433
Ion Ratio Lower Upper
184 100
63 60.1 55.6 83.4
154 58.0 46.0 69.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

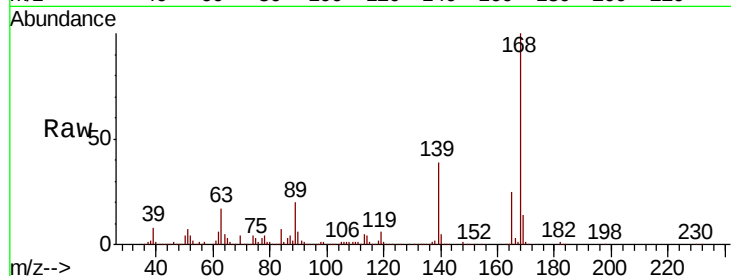




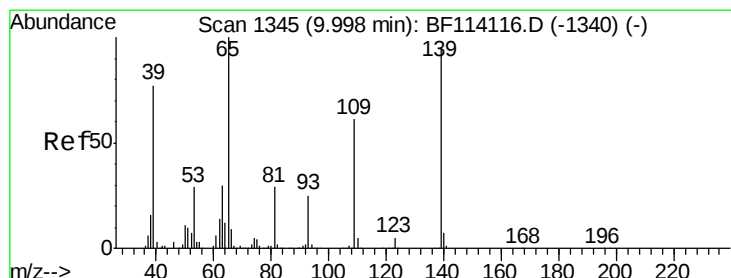
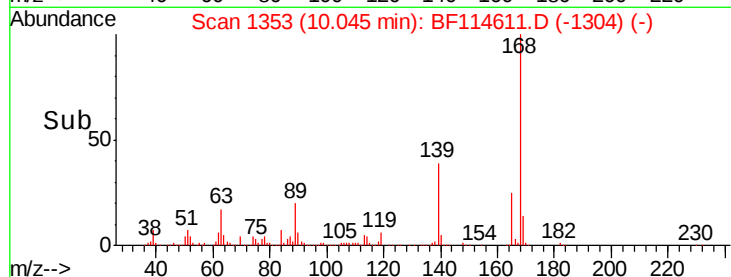
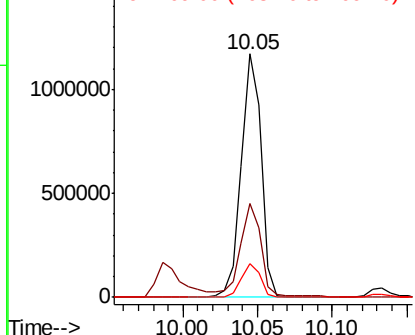
#55
Dibenzofuran
Concen: 34.190 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1085591
Ion Ratio Lower Upper
168 100
139 38.7 31.1 46.7
169 14.1 11.4 17.0

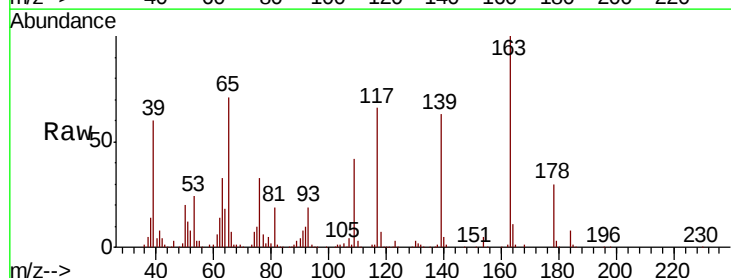


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

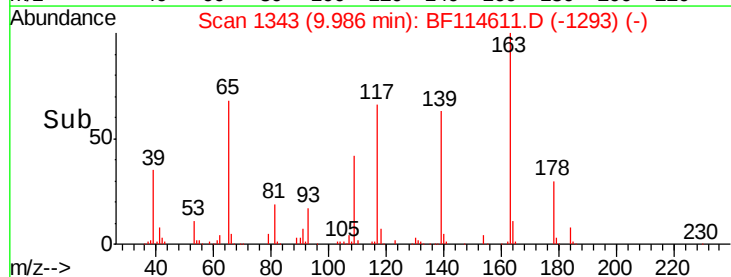
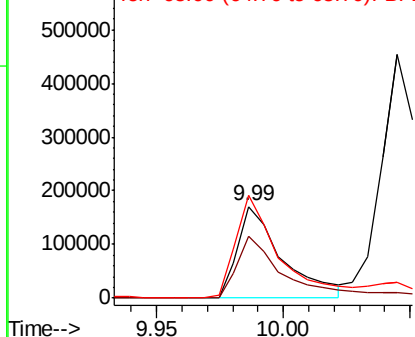


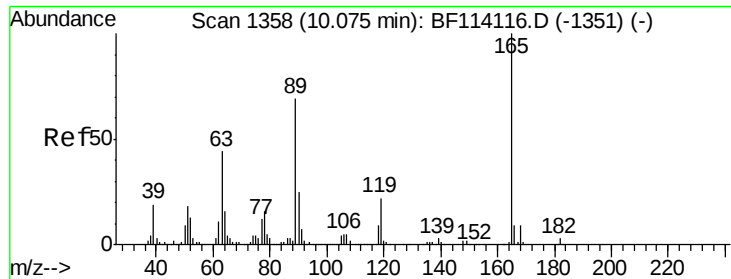
#56
4-Nitrophenol
Concen: 41.262 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Tgt Ion:139 Resp: 210461
Ion Ratio Lower Upper
139 100
109 67.1 43.9 83.9
65 112.1 85.7 125.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

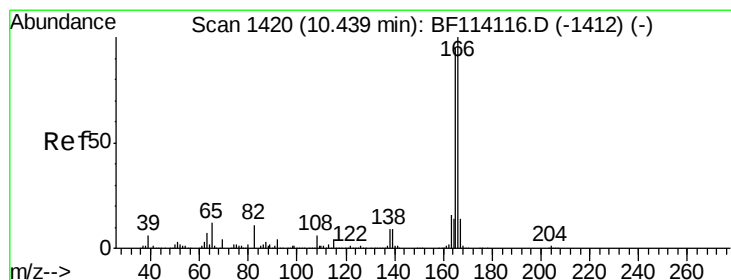
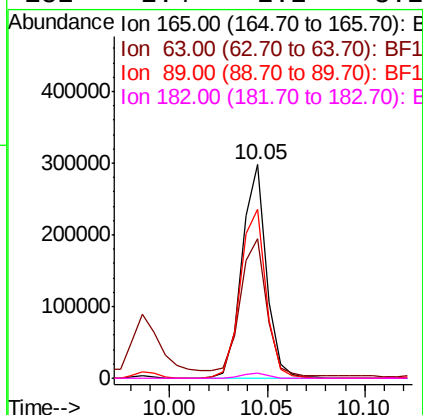
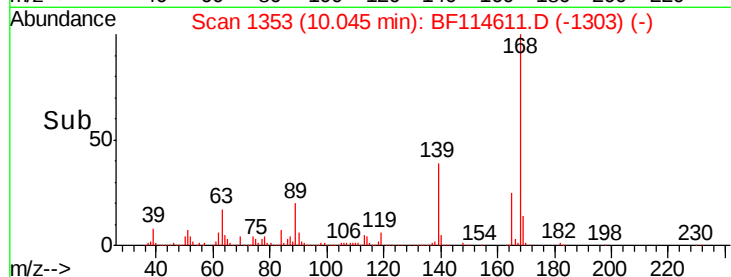
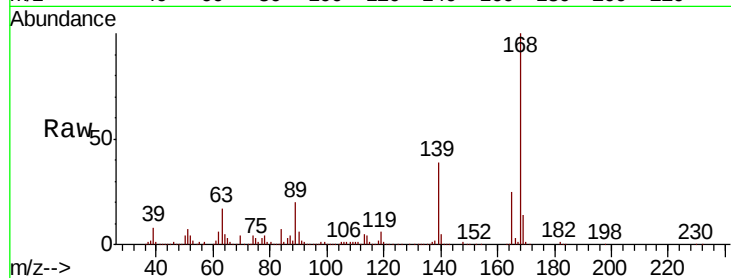




#57
2,4-Dinitrotoluene
Concen: 32.773 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

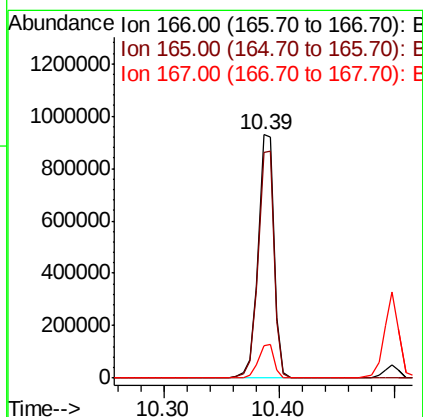
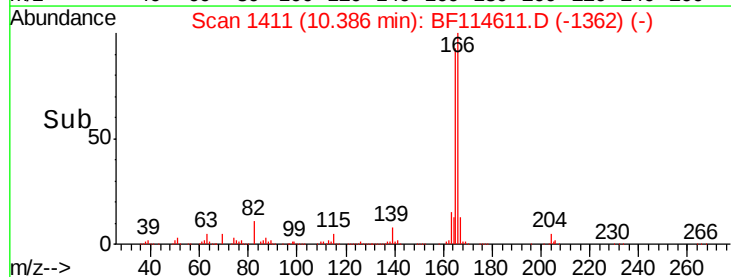
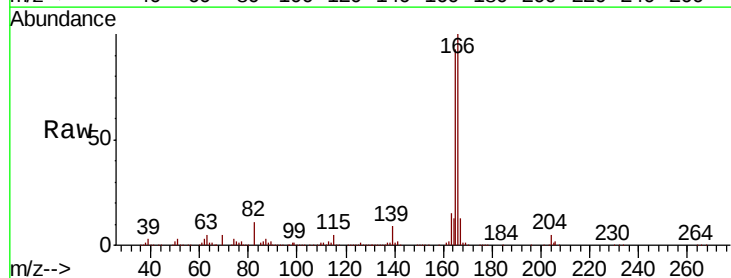
Instrument :
BNA_F
ClientSampleId :

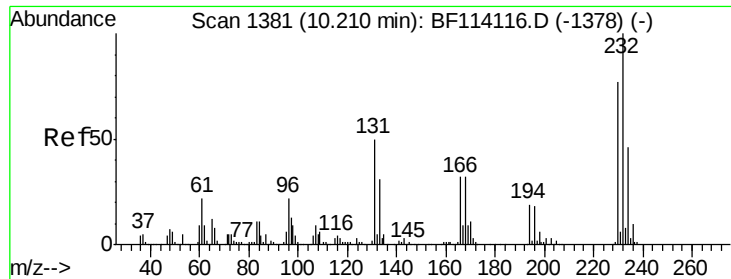
Tot Ion	Ratio	Lower	Upper
165	100		
63	65.5	35.5	53.3#
89	78.9	55.2	82.8
182	2.4	2.2	3.2



#58
Fluorene
Concen: 36.795 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.6	76.1	114.1
167	13.4	11.1	16.7

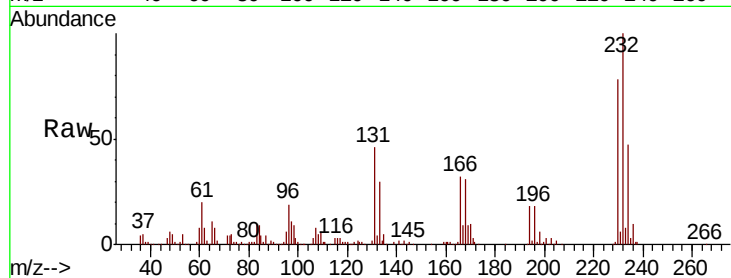




#59
2,3,4,6-Tetrachlorophenol
Concen: 33.487 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	232	Resp:	220319
Ion	Ratio	Lower	Upper
232	100		
131	43.2	35.6	53.4
130	2.3	1.6	2.4
166	29.8	24.1	36.1



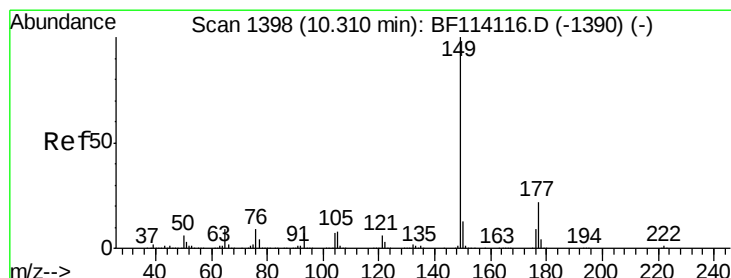
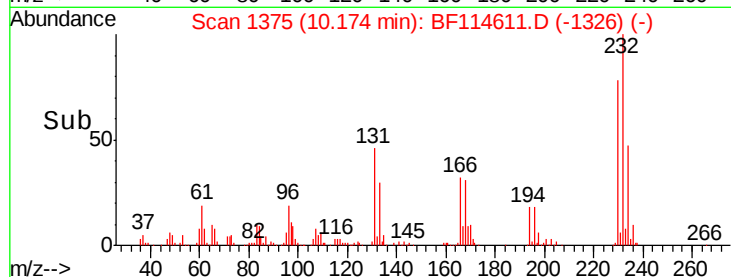
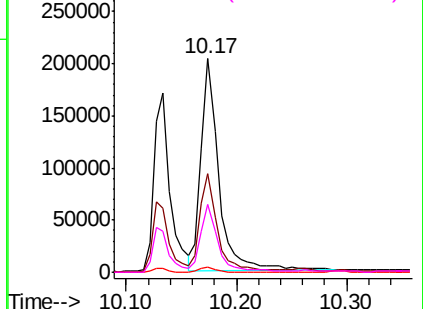
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

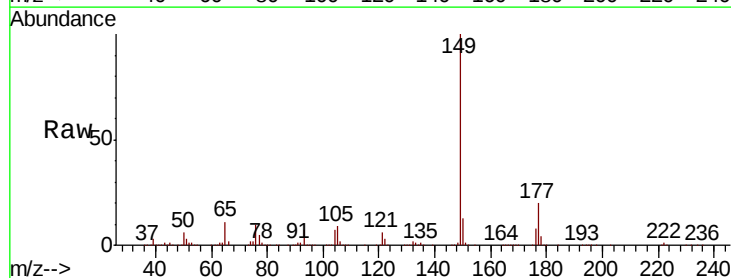
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 35.333 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Tgt Ion:	149	Resp:	940446
Ion	Ratio	Lower	Upper
149	100		
177	20.4	17.8	26.6
150	12.9	10.2	15.2

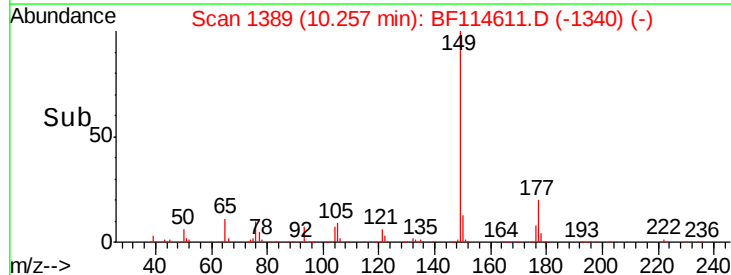
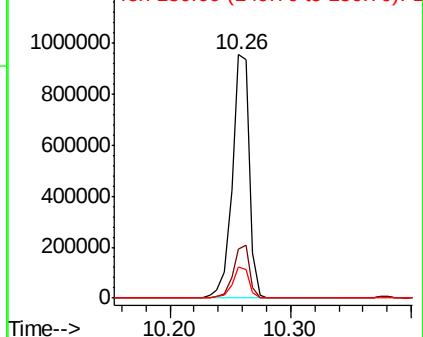


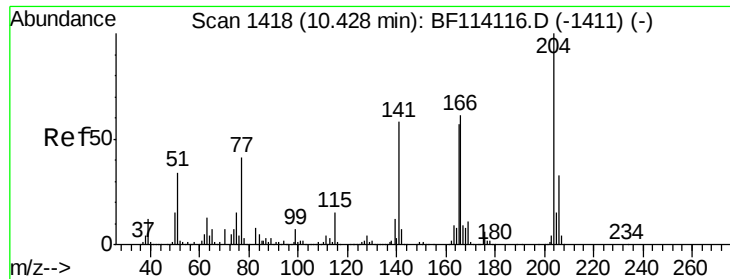
Abundance

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

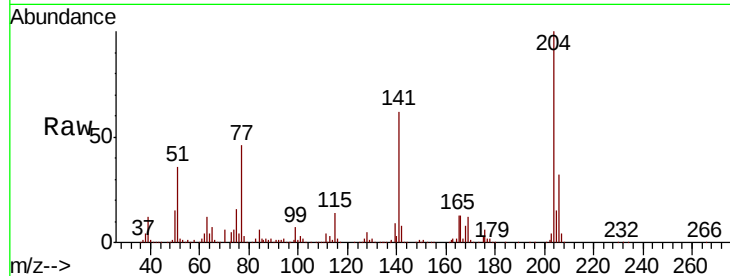




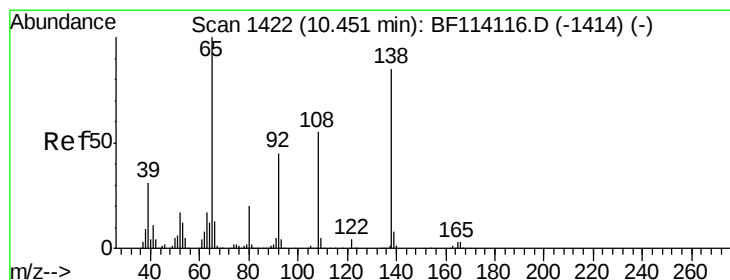
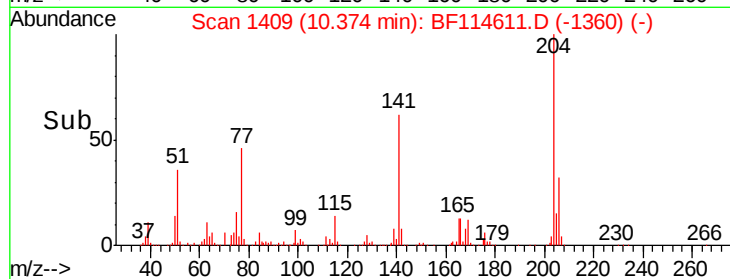
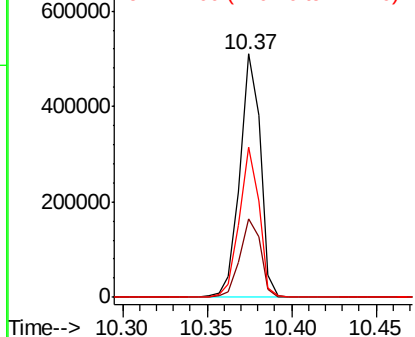
#61
 4-Chlorophenyl-phenylether
 Concen: 35.795 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF114611.D
 Acq: 25 May 2019 18:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 431177
 Ion Ratio Lower Upper
 204 100
 206 32.3 26.6 39.8
 141 61.8 46.4 69.6

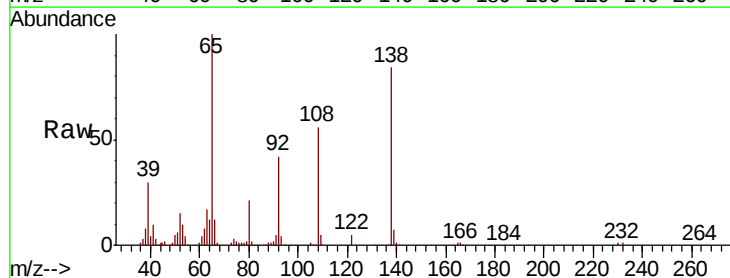


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

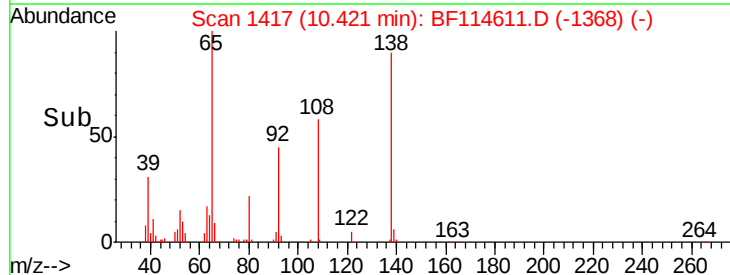
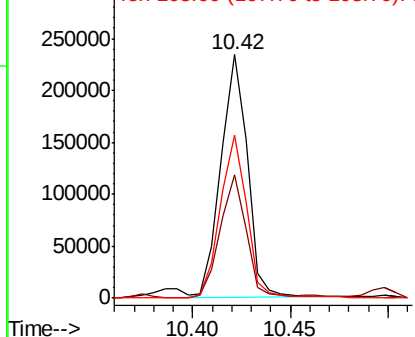


#62
 4-Nitroaniline
 Concen: 29.239 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF114611.D
 Acq: 25 May 2019 18:31

Tgt Ion:138 Resp: 221600
 Ion Ratio Lower Upper
 138 100
 92 50.4 33.0 73.0
 108 66.8 44.9 84.9



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 34.923 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 899748

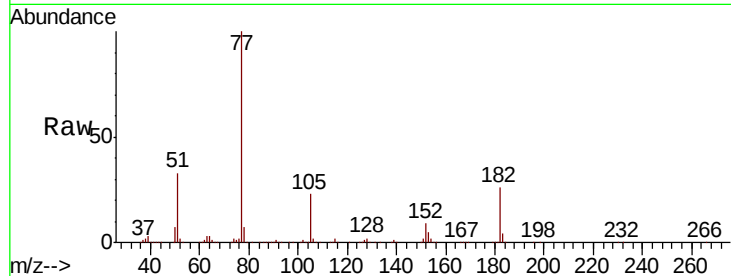
Ion Ratio Lower Upper

77 100

182 26.1 4.7 44.7

105 23.3 2.9 42.9

51 33.5 14.6 54.6

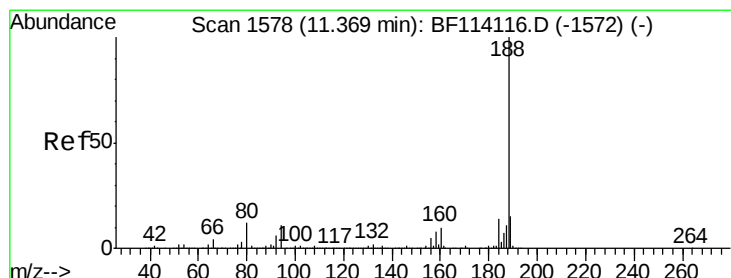
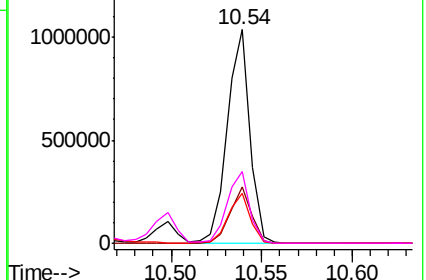
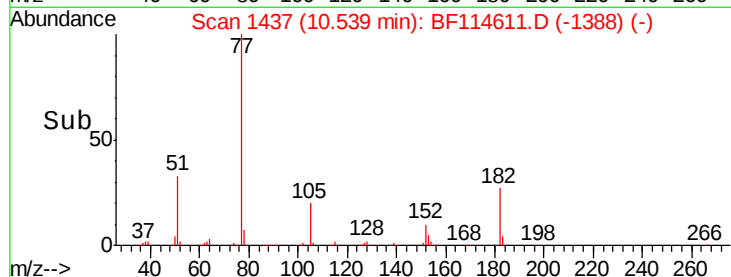


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

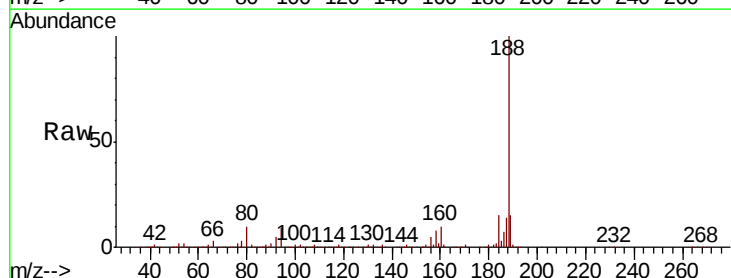
Tgt Ion: 188 Resp: 698230

Ion Ratio Lower Upper

188 100

94 8.6 8.4 12.6

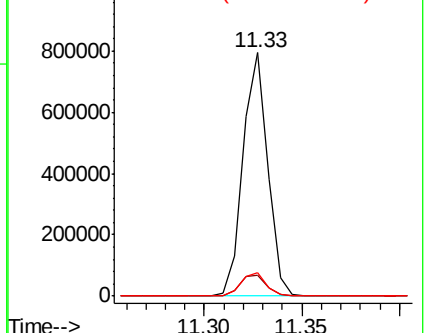
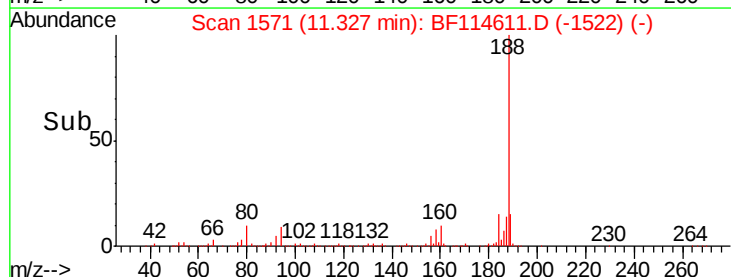
80 9.7 9.2 13.8

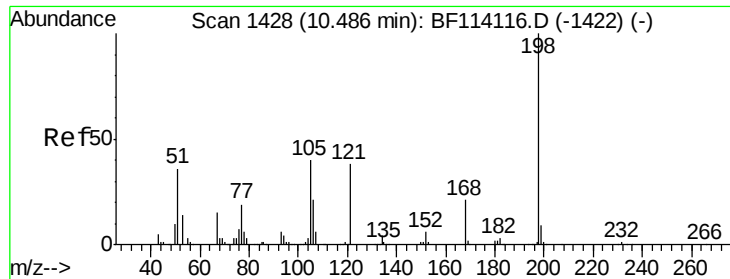


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

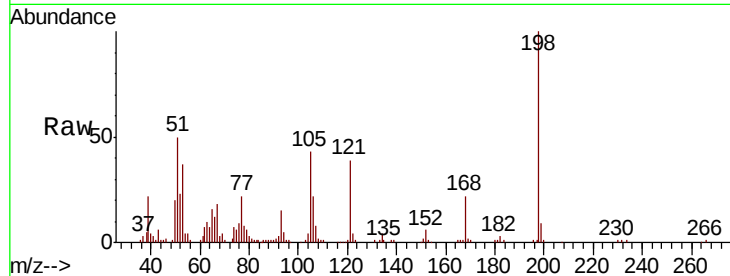




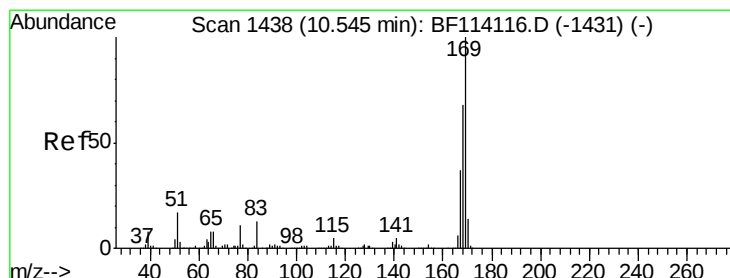
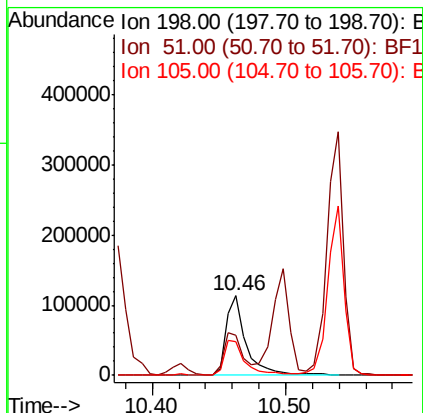
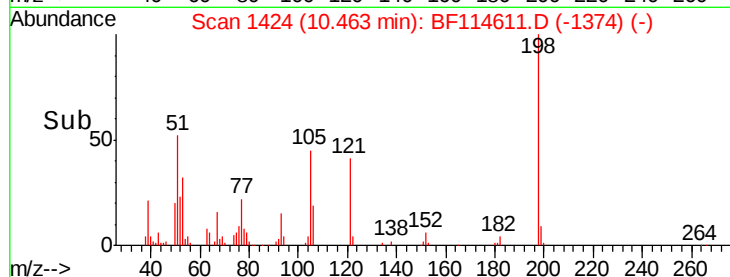
#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.046 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF114611.D
 Acq: 25 May 2019 18:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	50.2	28.0	68.0
105	42.6	21.1	61.1

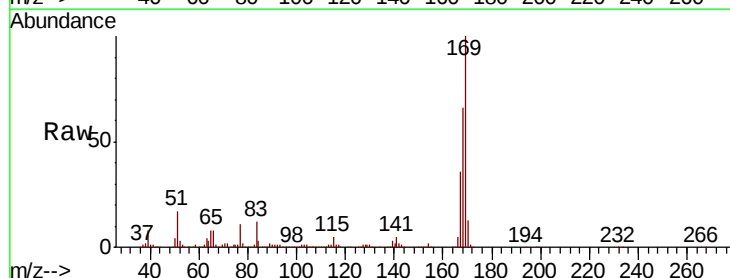


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

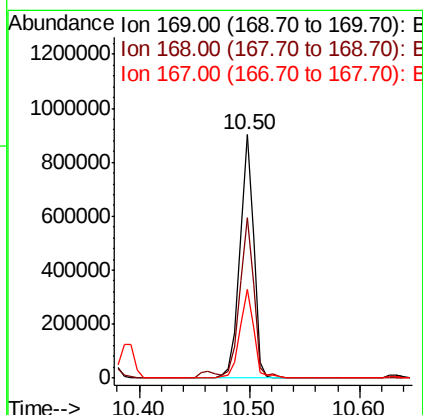
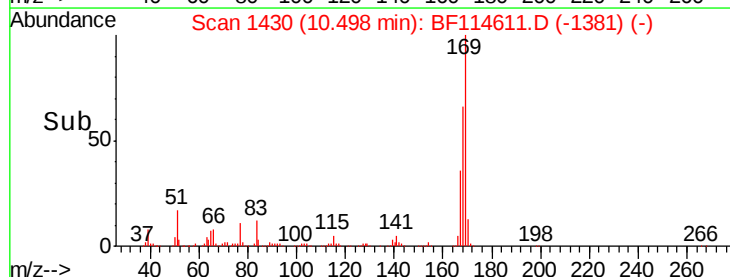


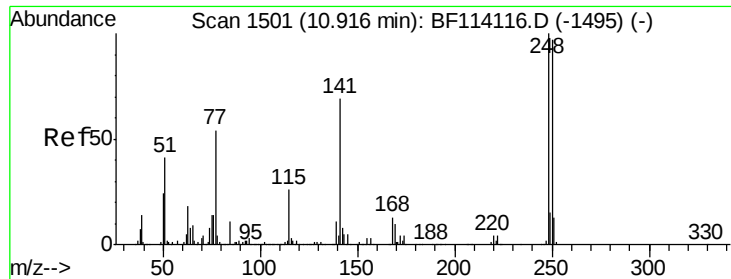
#66
 n-Nitrosodiphenylamine
 Concen: 37.705 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF114611.D
 Acq: 25 May 2019 18:31

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.1	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

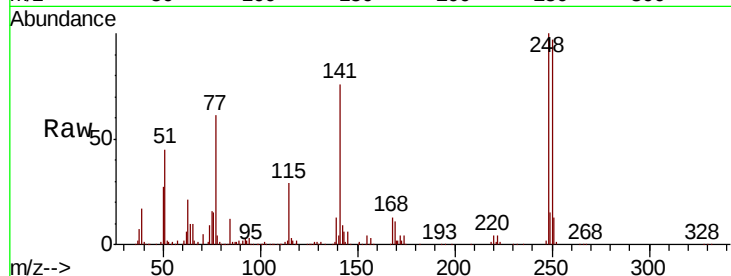




#67
 4-Bromophenyl-phenylether
 Concen: 35.288 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF114611.D
 Acq: 25 May 2019 18:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.4	116.2
141	75.6	55.6	83.4

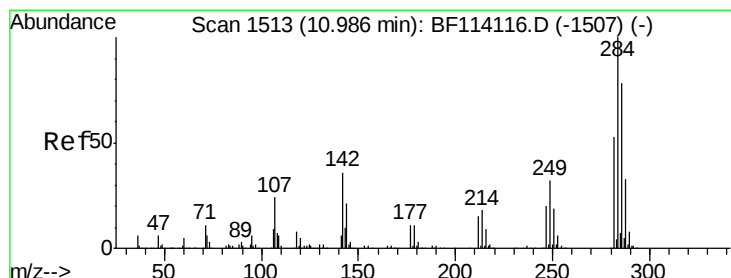
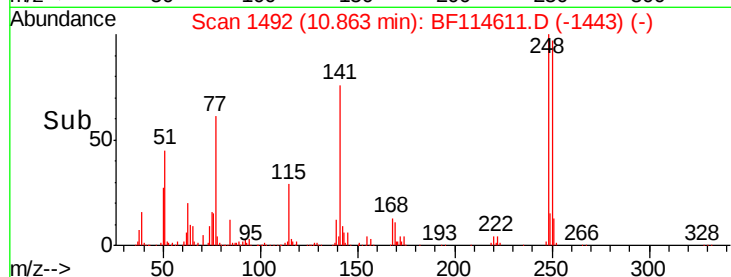
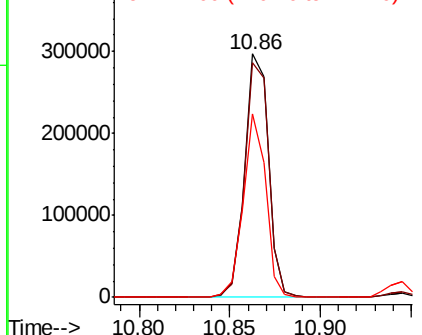


Abundance

Ion 248.00 (247.70 to 248.70): E

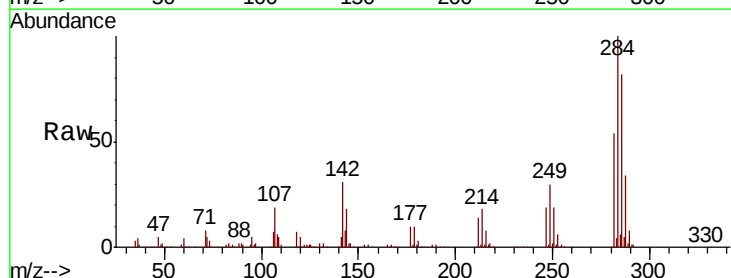
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 34.040 ng
 RT: 10.94 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF114611.D
 Acq: 25 May 2019 18:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.9	28.4	42.6
249	30.0	25.2	37.8

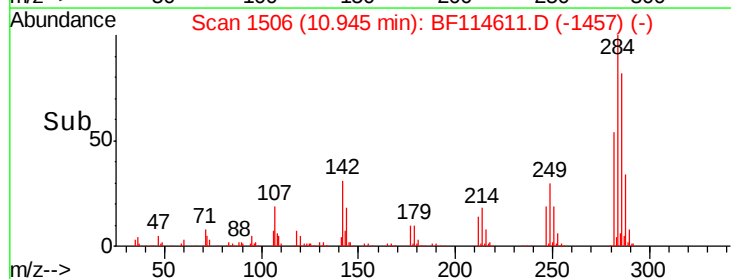
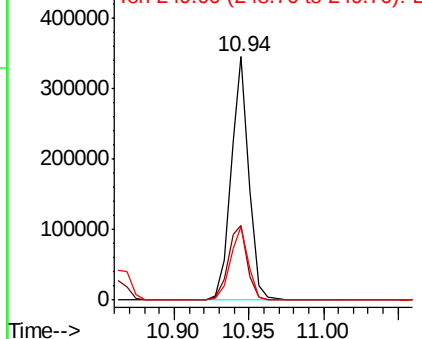


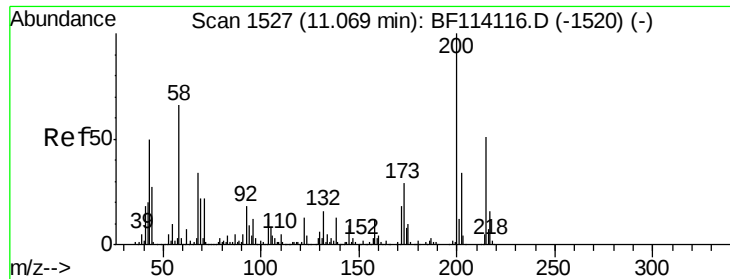
Abundance

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

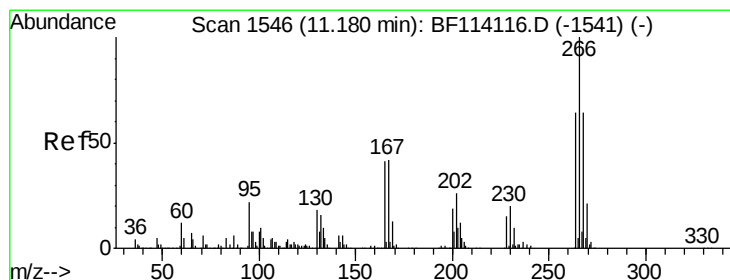
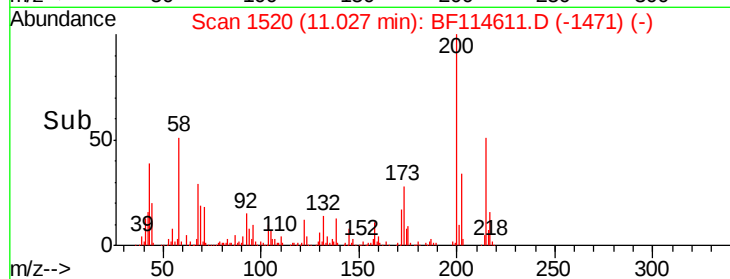
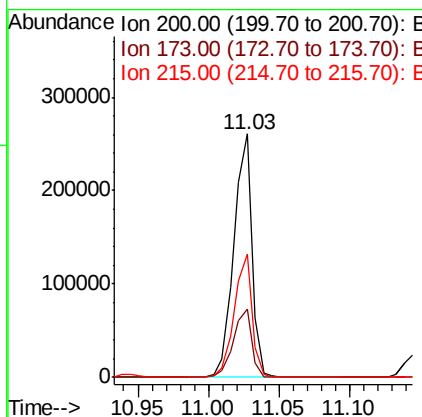
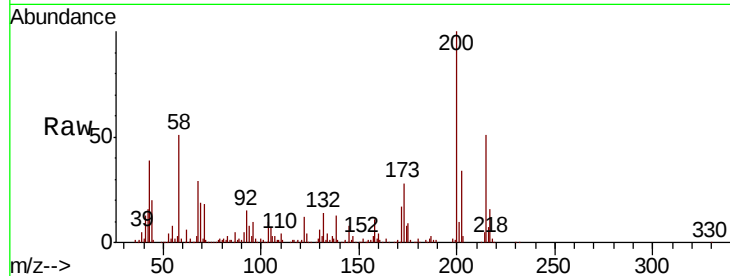




#69
Atrazine
Concen: 35.431 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

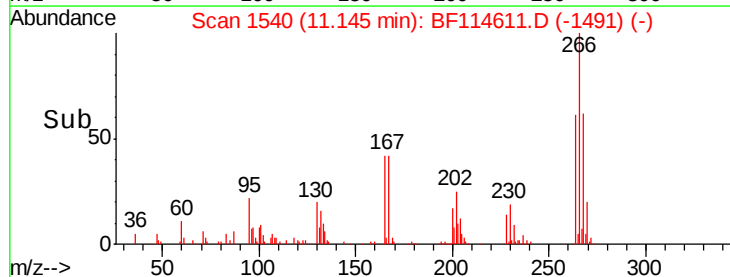
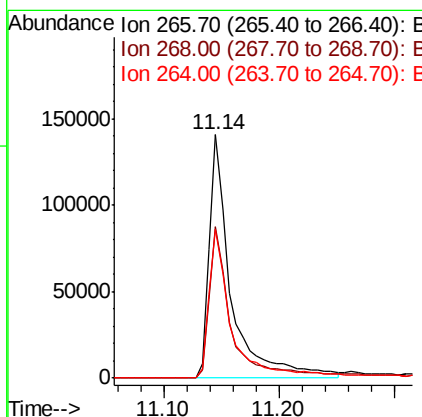
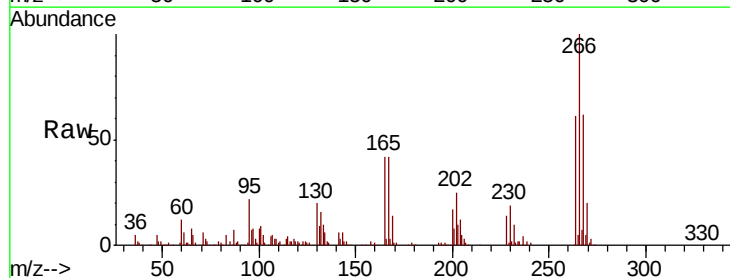
Instrument :
BNA_F
ClientSampleId :

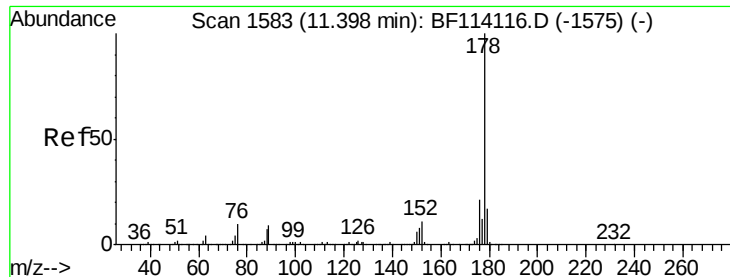
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.9	48.9
215	50.5	30.7	70.7



#70
Pentachlorophenol
Concen: 45.551 ng
RT: 11.14 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.1	76.7
264	61.3	51.1	76.7

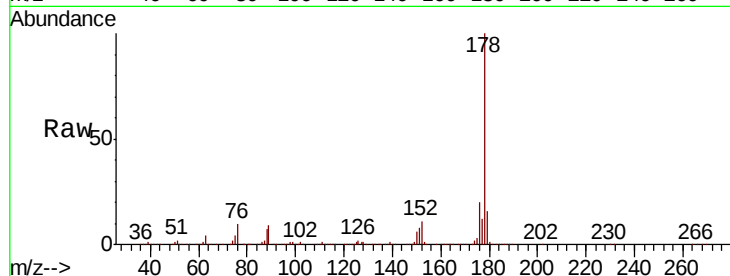




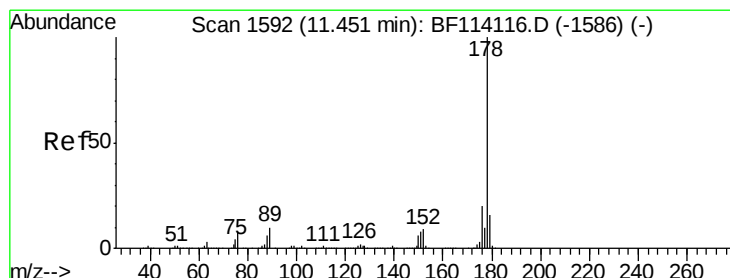
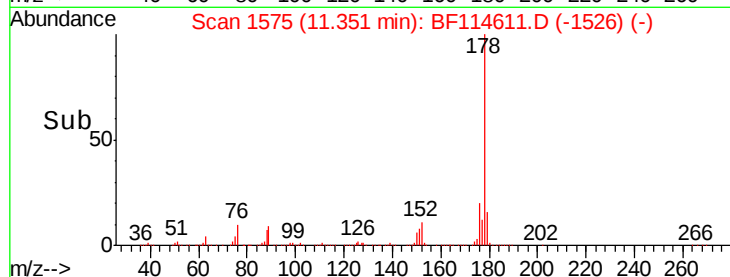
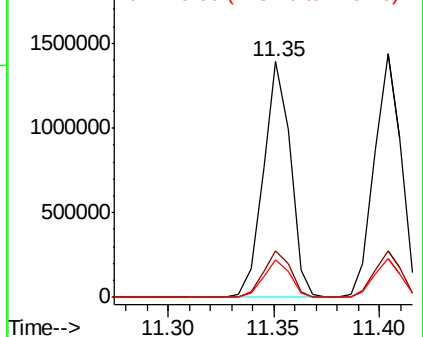
#71
Phenanthrene
Concen: 36.736 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1247899
Ion Ratio Lower Upper
178 100
176 19.8 16.4 24.6
179 16.2 13.2 19.8

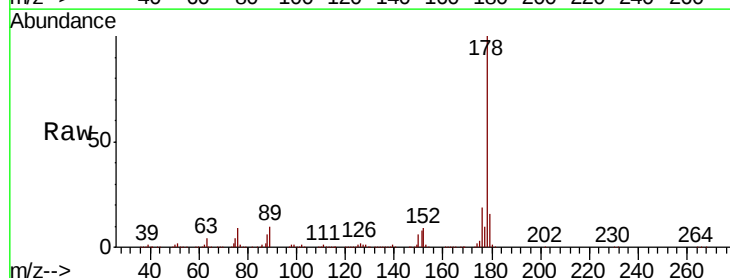


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

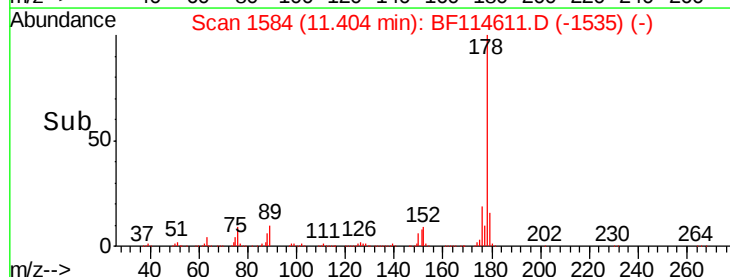
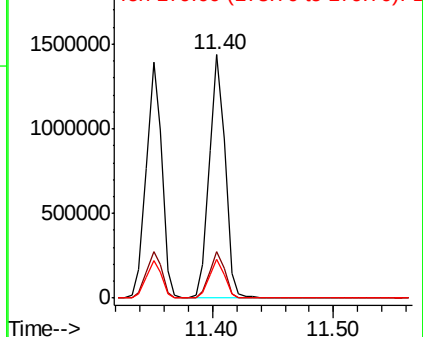


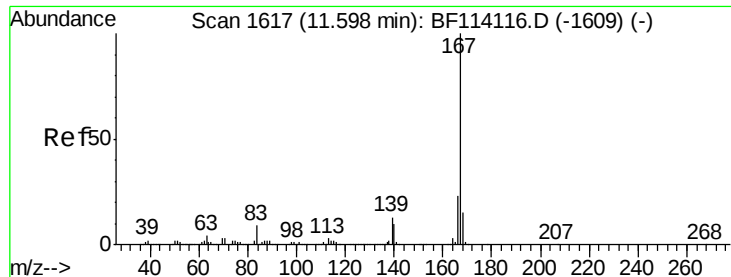
#72
Anthracene
Concen: 38.004 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Tgt Ion:178 Resp: 1296694
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 16.1 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

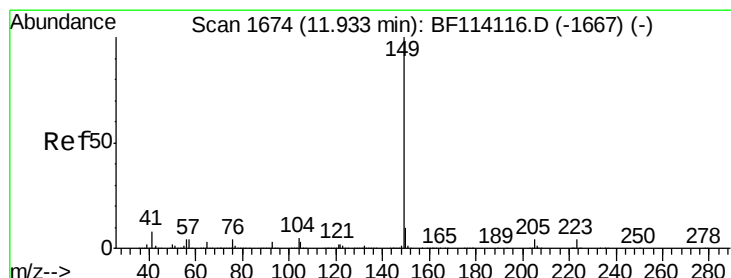
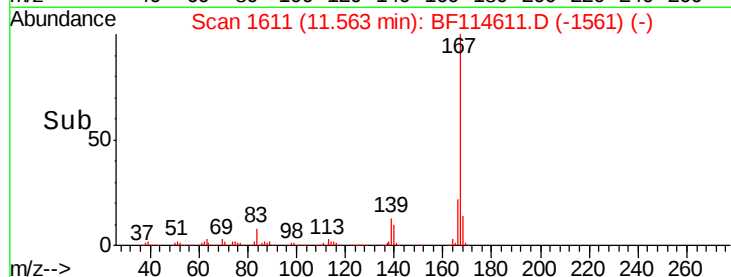
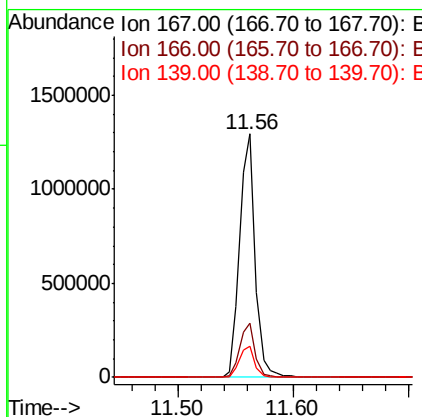
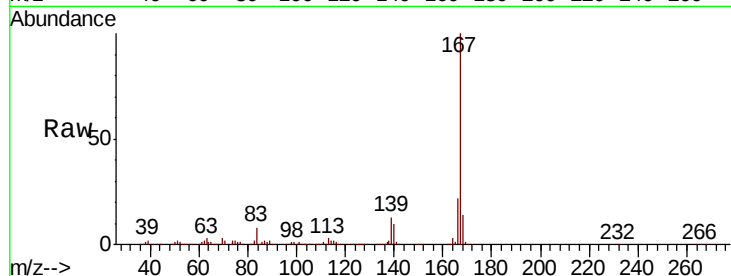




#73
 Carbazole
 Concen: 37.282 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF114611.D
 Acq: 25 May 2019 18:31

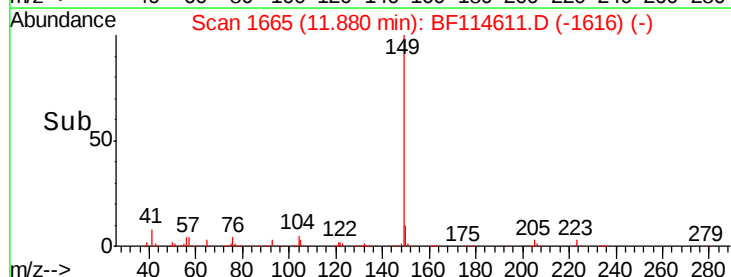
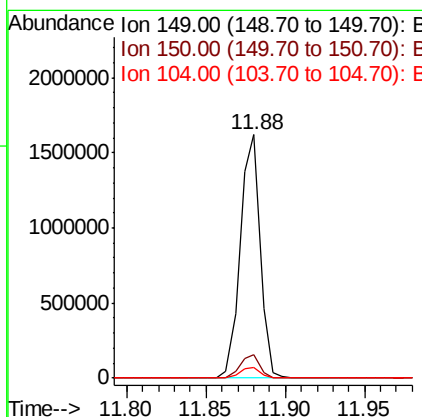
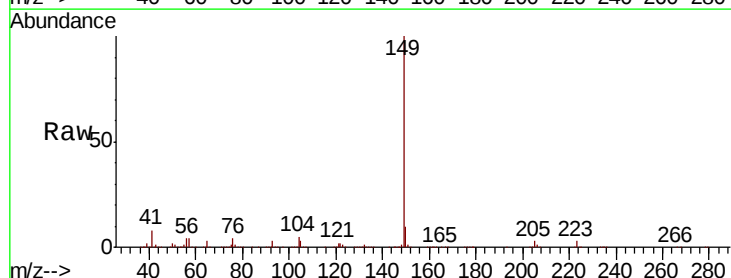
Instrument :
 BNA_F
 ClientSampleId :

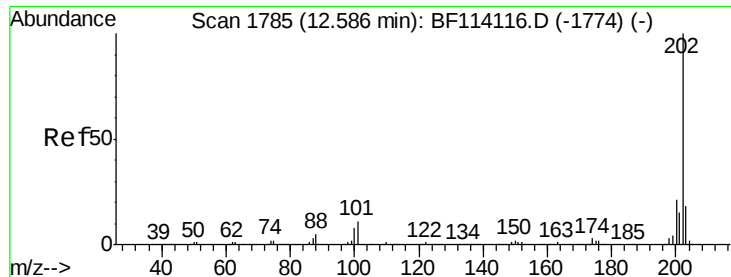
Tot Ion:167 Resp: 1213027
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 13.0 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 37.598 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF114611.D
 Acq: 25 May 2019 18:31

Tgt Ion:149 Resp: 1409351
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.6 3.6 5.4

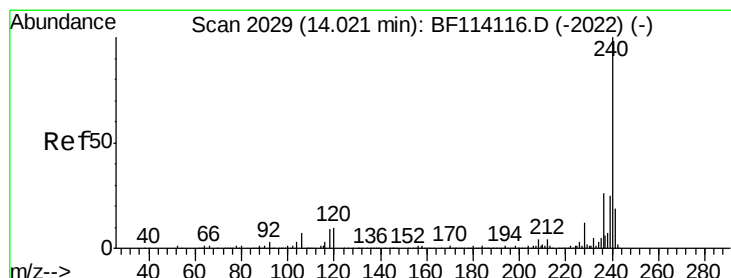
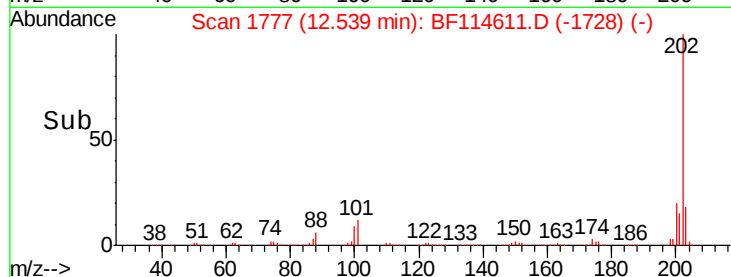
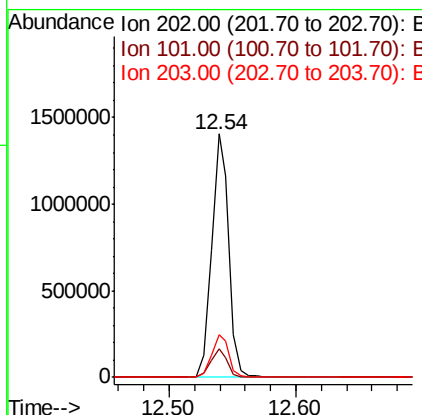
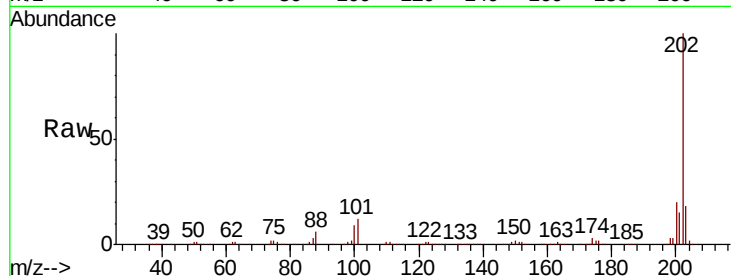




#75
 Fluoranthene
 Concen: 36.283 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF114611.D
 Acq: 25 May 2019 18:31

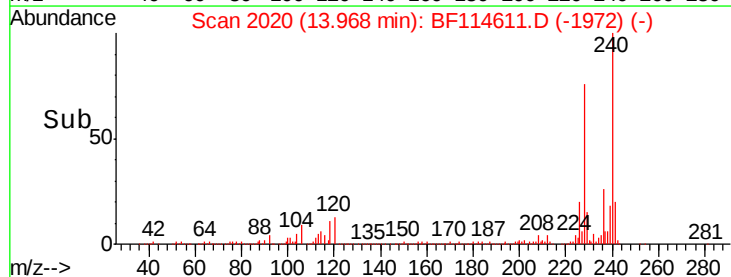
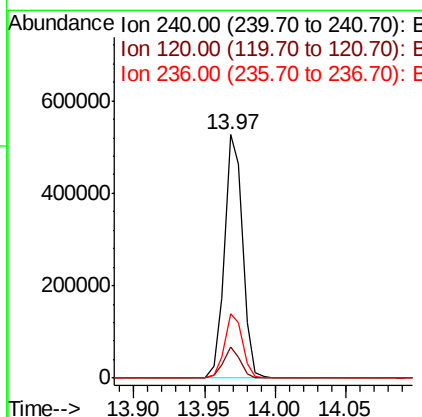
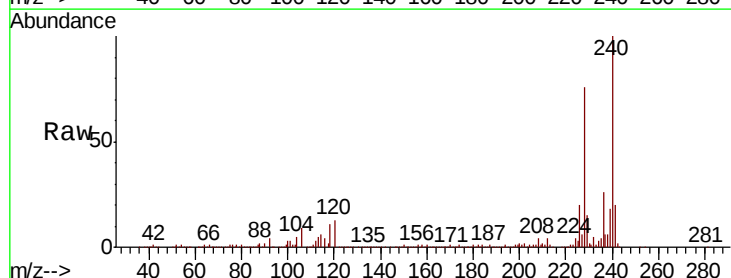
Instrument :
 BNA_F
 ClientSampleId :

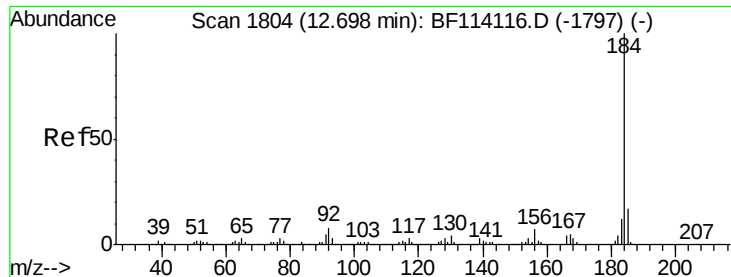
Tot Ion:202 Resp: 1327259
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 31.0
 203 17.5 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BF114611.D
 Acq: 25 May 2019 18:31

Tgt Ion:240 Resp: 469320
 Ion Ratio Lower Upper
 240 100
 120 12.7 8.3 12.5#
 236 26.3 20.8 31.2





#77

Benzidine

Concen: 30.930 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

Instrument :

BNA_F

ClientSampleId :

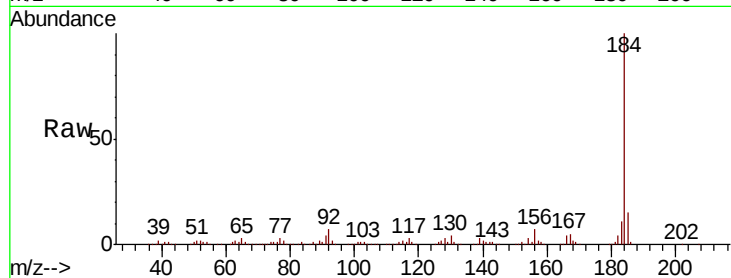
Tot Ion:184 Resp: 651605

Ion Ratio Lower Upper

184 100

185 14.7 13.6 20.4

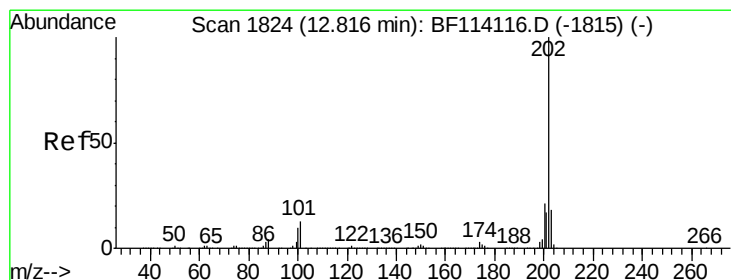
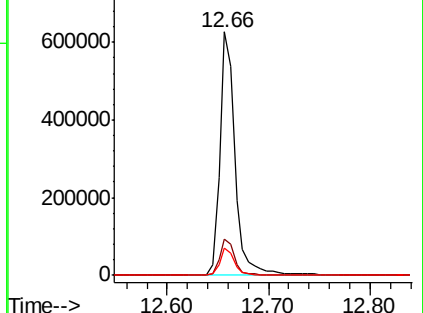
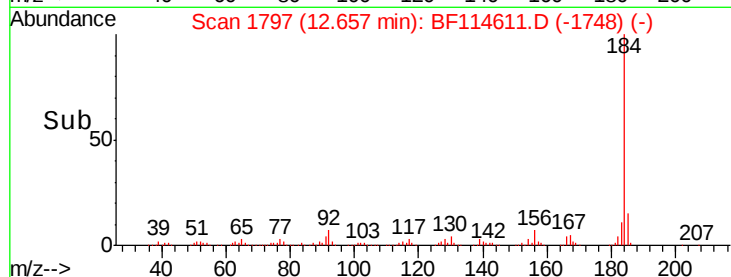
183 11.4 9.2 13.8



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: 35.203 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

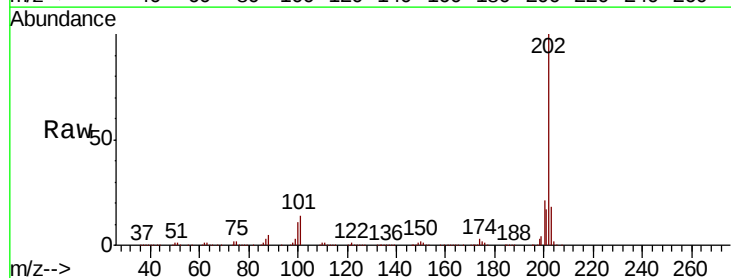
Tgt Ion:202 Resp: 1329080

Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

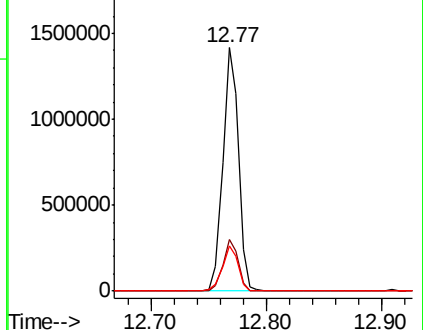
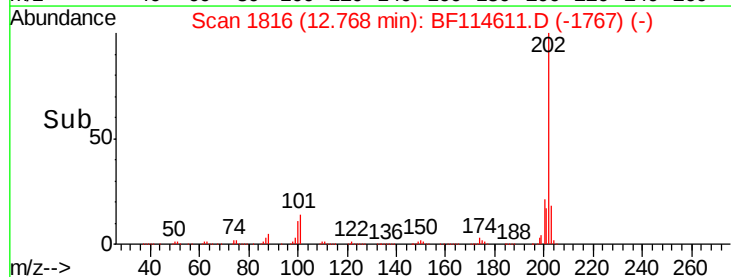
203 18.3 14.5 21.7



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

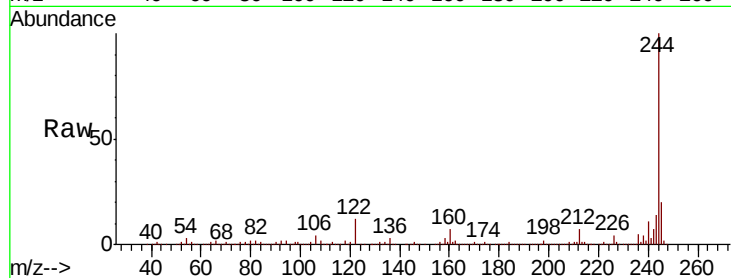




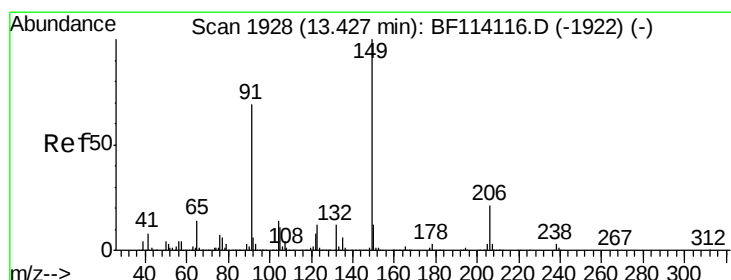
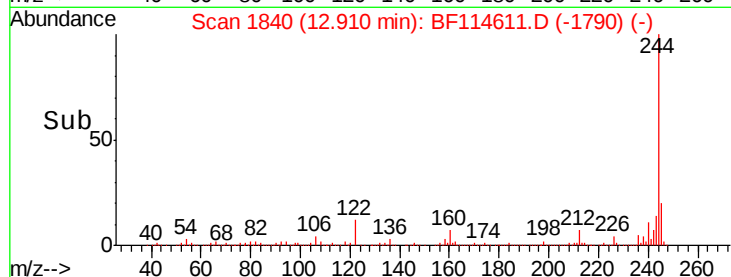
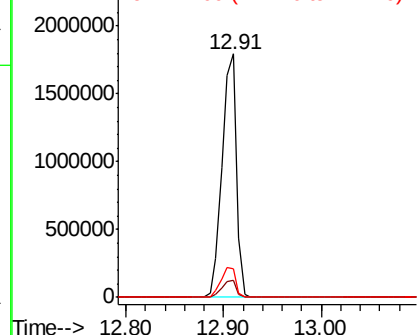
#79
 Terphenyl-d14
 Concen: 80.678 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF114611.D
 Acq: 25 May 2019 18:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1836767
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 11.6 9.4 14.2

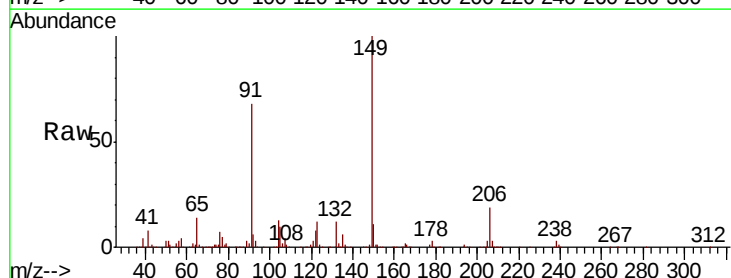


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

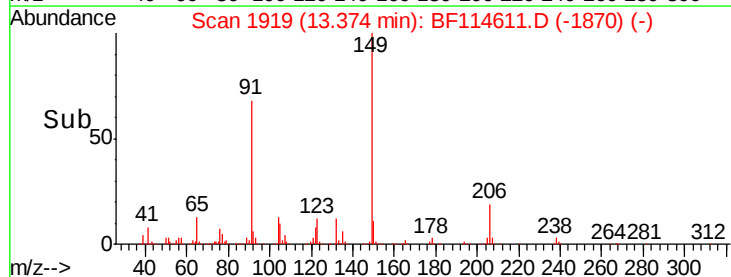
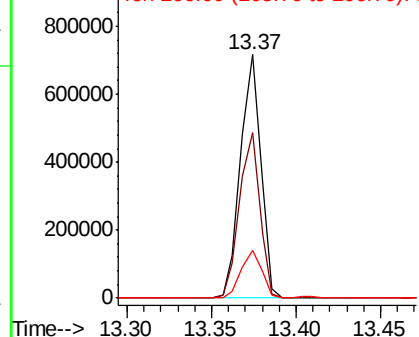


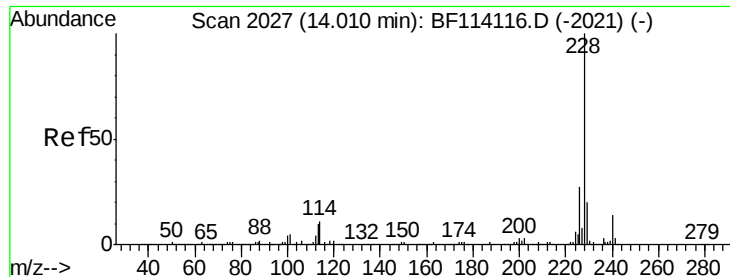
#80
 Butylbenzylphthalate
 Concen: 37.922 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BF114611.D
 Acq: 25 May 2019 18:31

Tgt Ion:149 Resp: 602628
 Ion Ratio Lower Upper
 149 100
 91 68.0 55.0 82.4
 206 19.4 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: 36.063 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

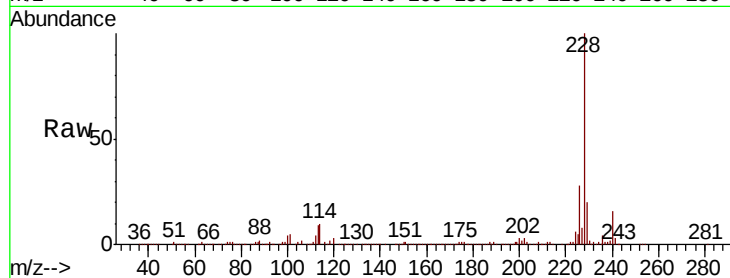
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1094696

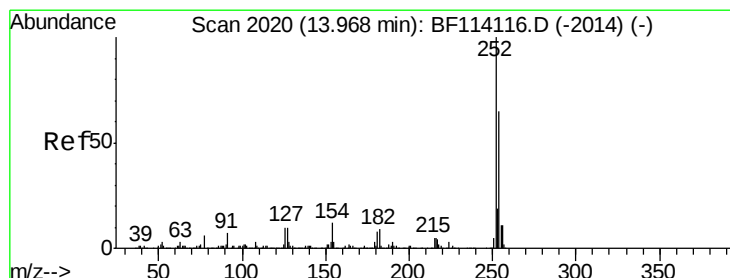
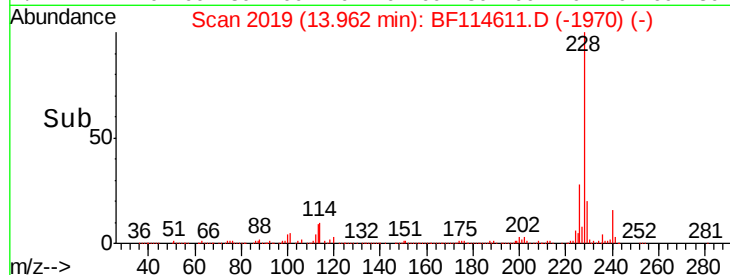
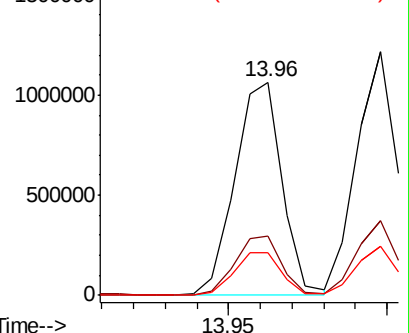
Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.2
229	20.3	16.4	24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.619 ng

RT: 13.92 min Scan# 2011

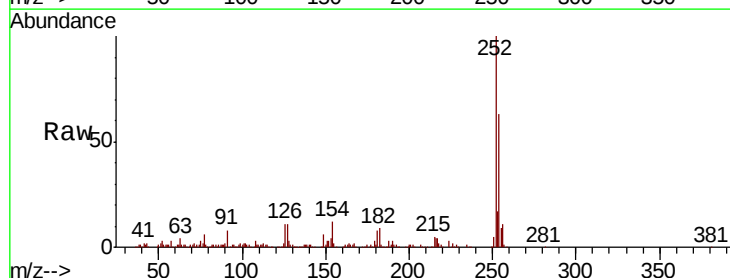
Delta R.T. -0.01 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

Tgt Ion:252 Resp: 325236

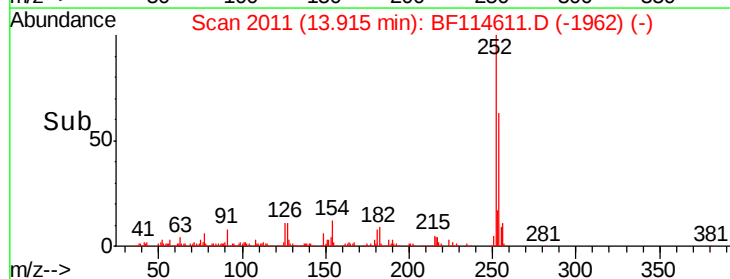
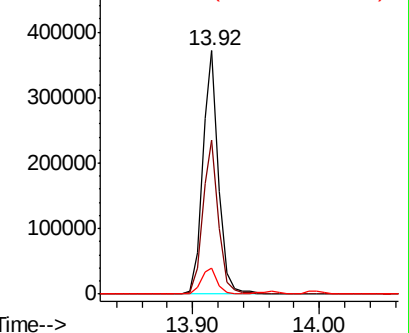
Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.9	77.9
126	10.6	7.9	11.9

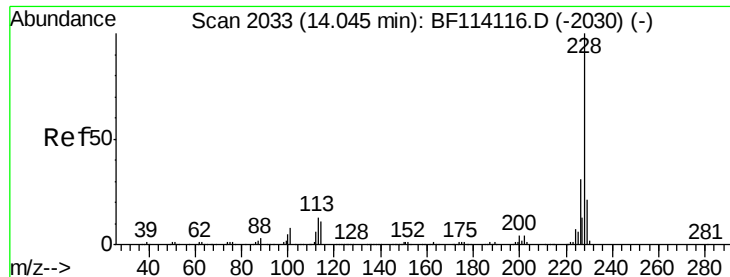


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 36.062 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

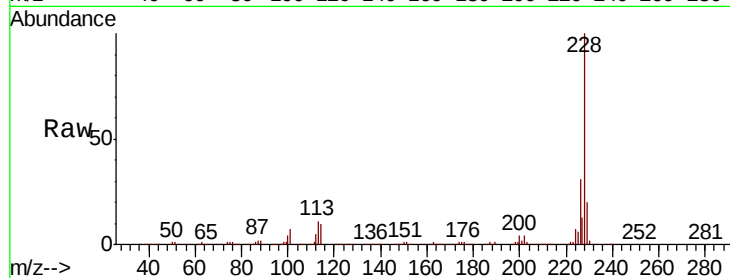
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1073098

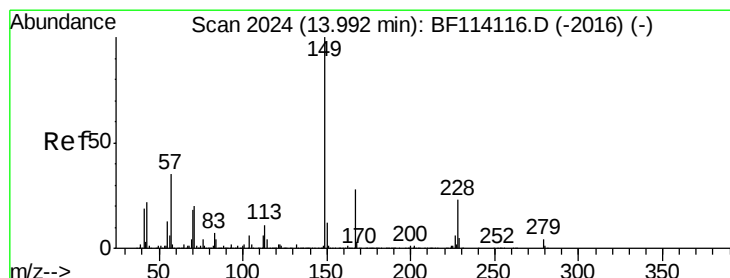
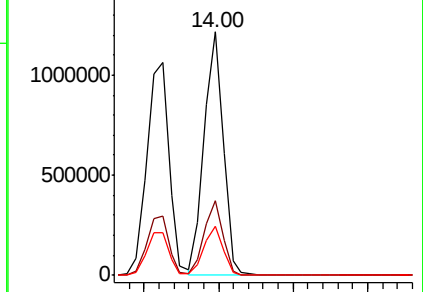
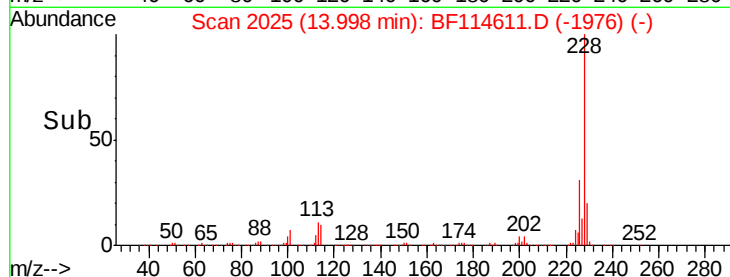
Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	20.3	17.0	25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.093 ng

RT: 13.93 min Scan# 2014

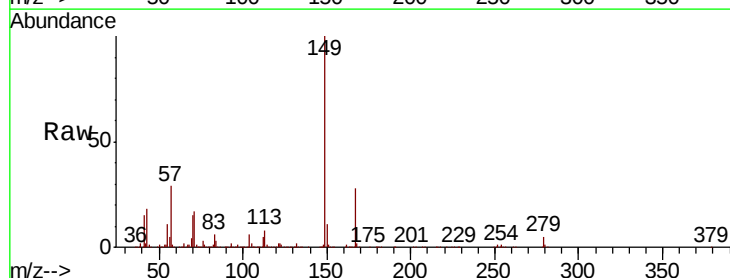
Delta R.T. -0.01 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

Tgt Ion:149 Resp: 791708

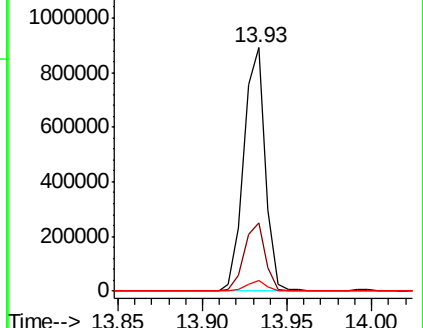
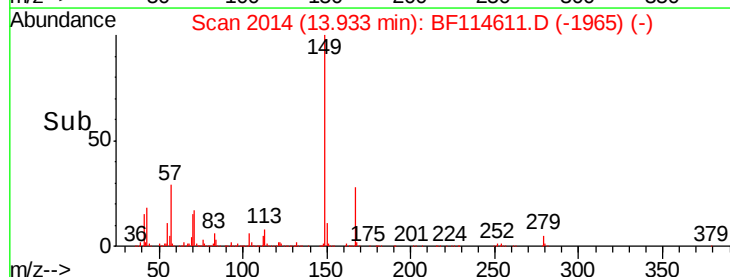
Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.6	33.8
279	4.5	3.0	4.6

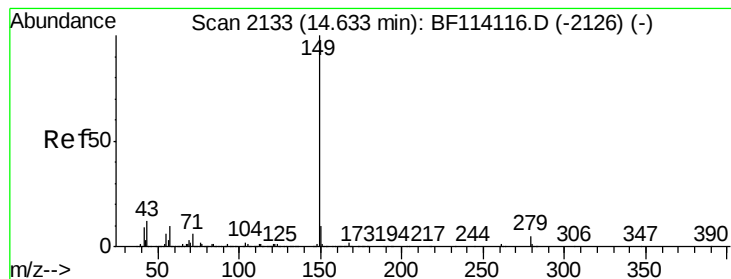


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.589 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

Instrument :

BNA_F

ClientSampleId :

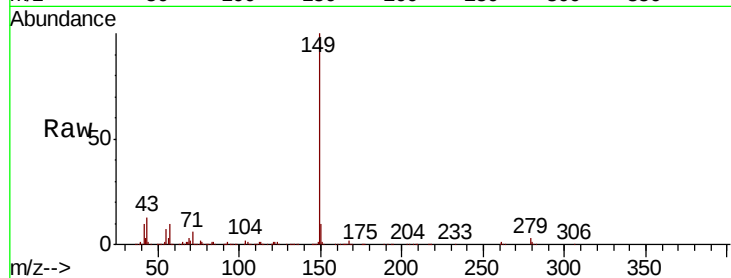
Tot Ion:149 Resp: 1333802

Ion Ratio Lower Upper

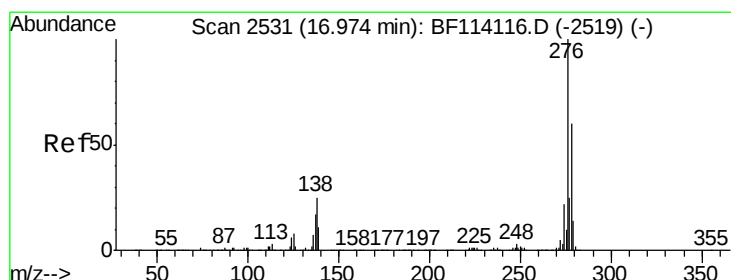
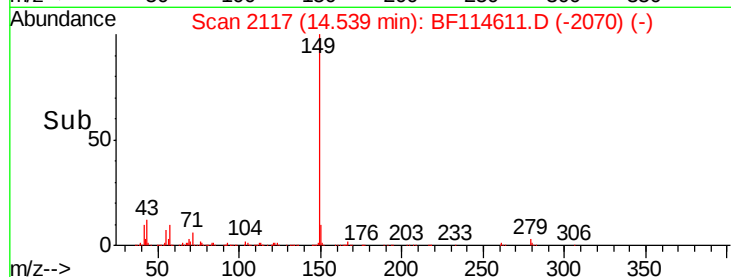
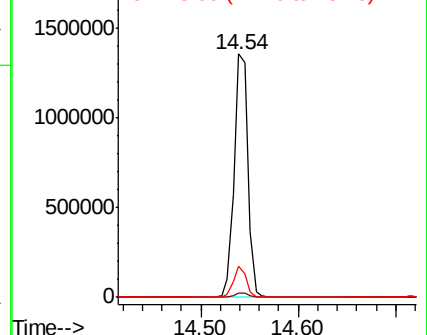
149 100

167 1.6 1.3 1.9

43 11.6 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: 39.917 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.03 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

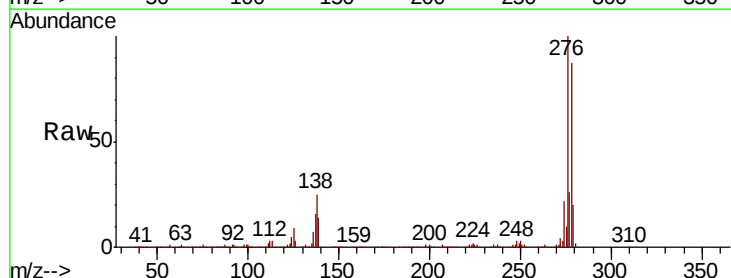
Tgt Ion:276 Resp: 1049758

Ion Ratio Lower Upper

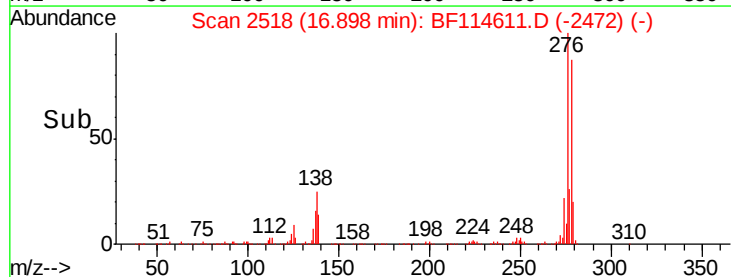
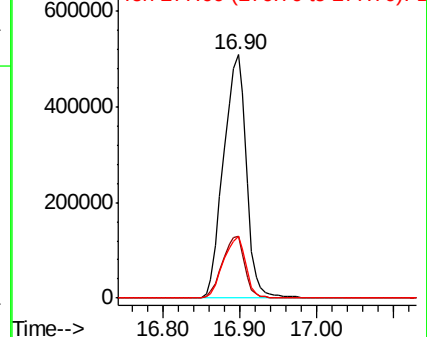
276 100

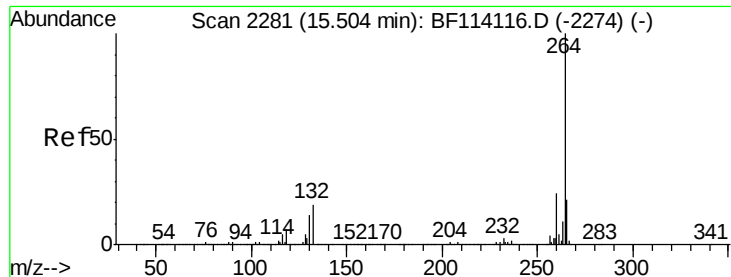
138 24.7 20.2 30.2

277 24.9 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: 15.43 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

Instrument :

BNA_F

ClientSampled :

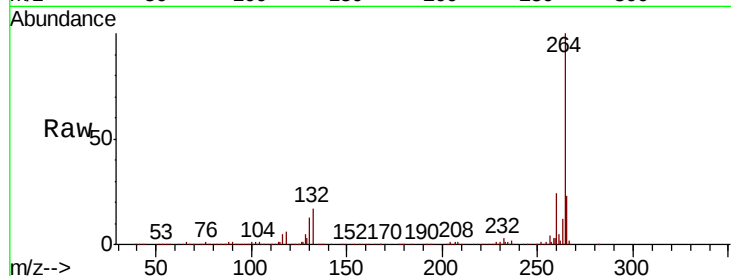
Tot Ion:264 Resp: 496637

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

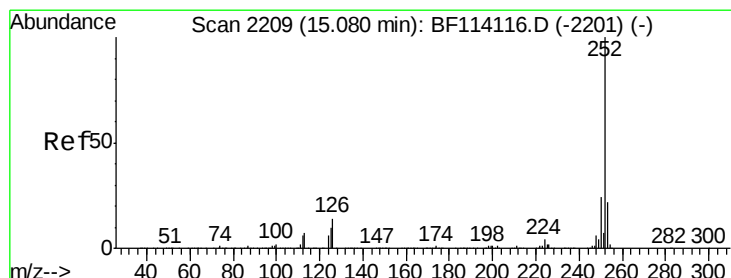
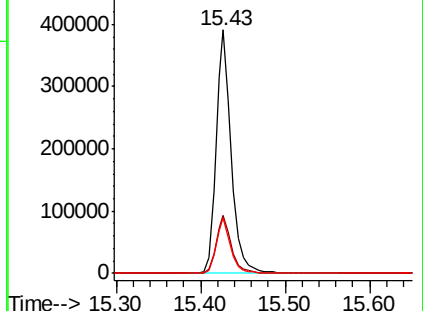
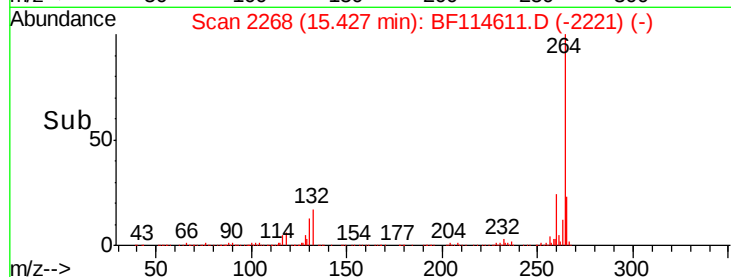
265 22.6 16.9 25.3



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: 36.250 ng

RT: 15.01 min Scan# 2197

Delta R.T. -0.02 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

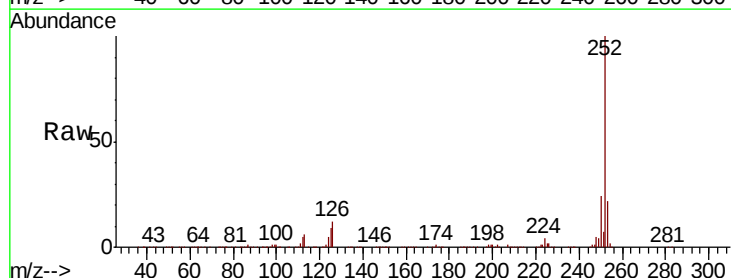
Tgt Ion:252 Resp: 1153378

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

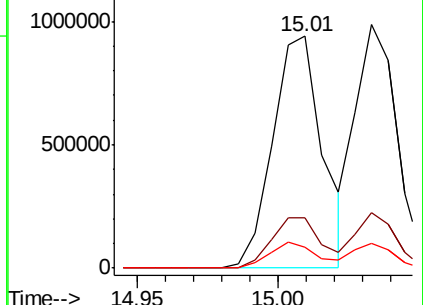
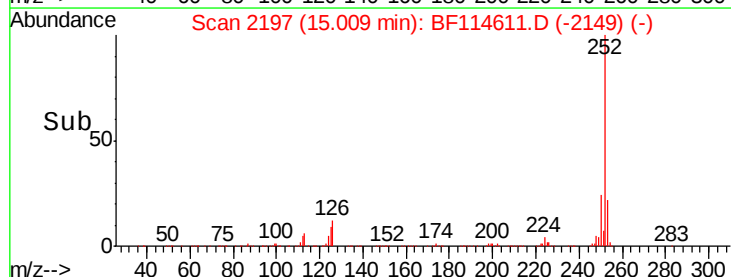
125 8.9 8.3 12.5

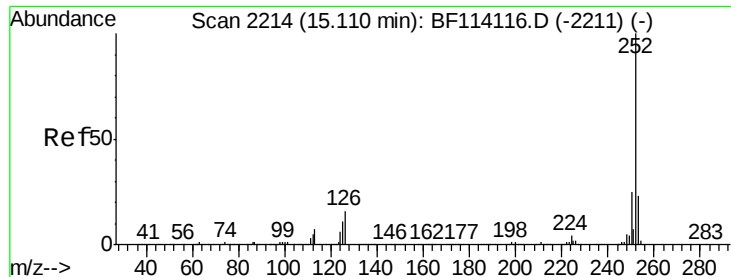


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

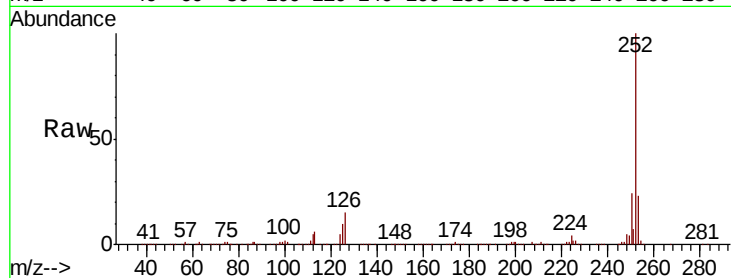




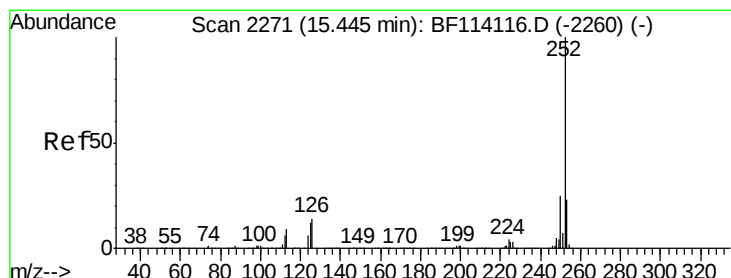
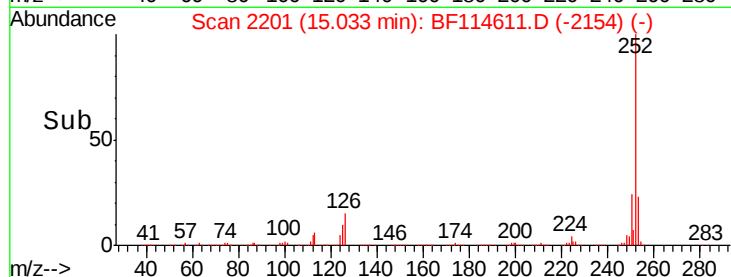
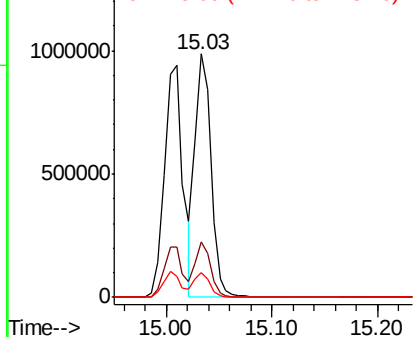
#89
Benzo(k)fluoranthene
Concen: 35.101 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1025901
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 10.3 8.6 13.0

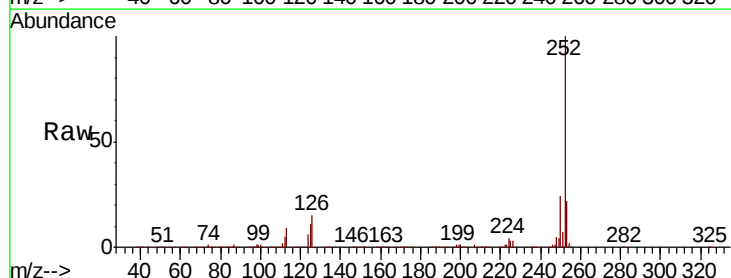


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

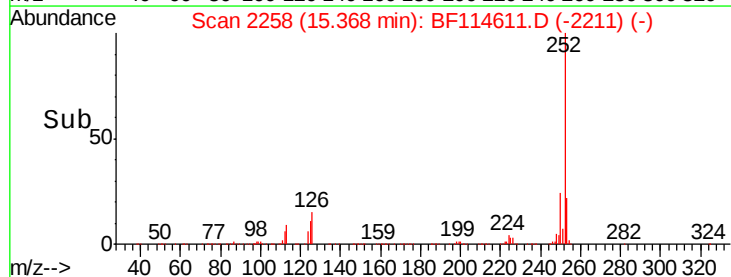
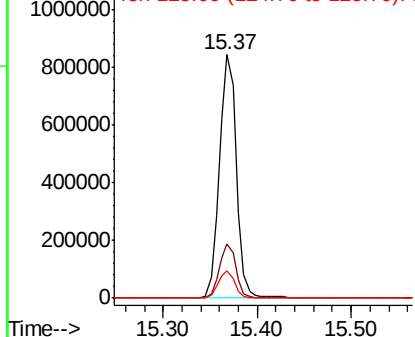


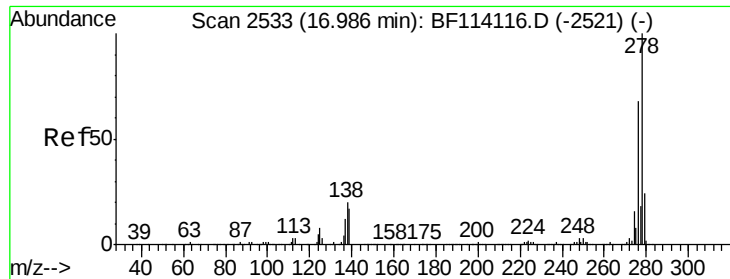
#90
Benzo(a)pyrene
Concen: 37.961 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114611.D
Acq: 25 May 2019 18:31

Tgt Ion:252 Resp: 1062980
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 11.5 9.5 14.3



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





#91

Dibenzo(a,h)anthracene

Concen: 37.584 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

Instrument :

BNA_F

ClientSampleId :

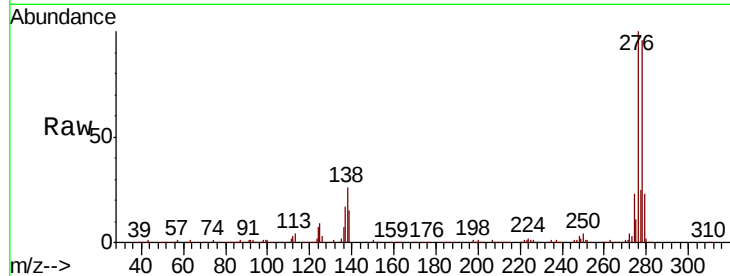
Tot Ion:278 Resp: 874522

Ion Ratio Lower Upper

278 100

139 16.0 13.5 20.3

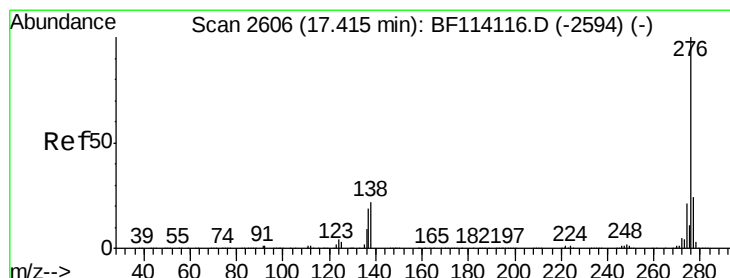
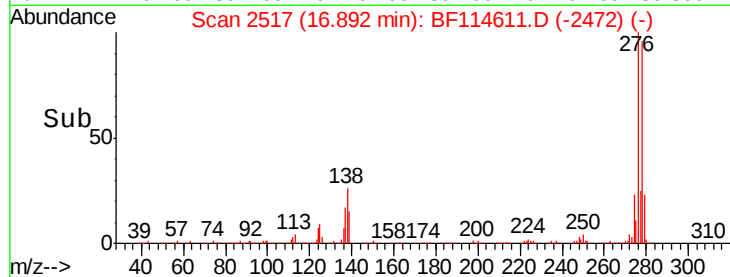
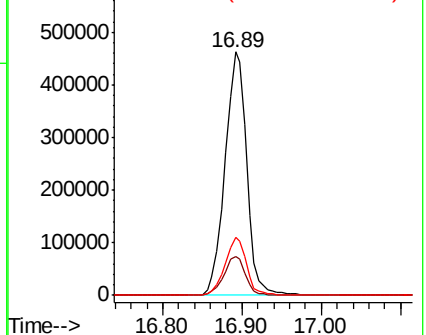
279 23.9 19.0 28.6



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: 38.205 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.04 min

Lab File: BF114611.D

Acq: 25 May 2019 18:31

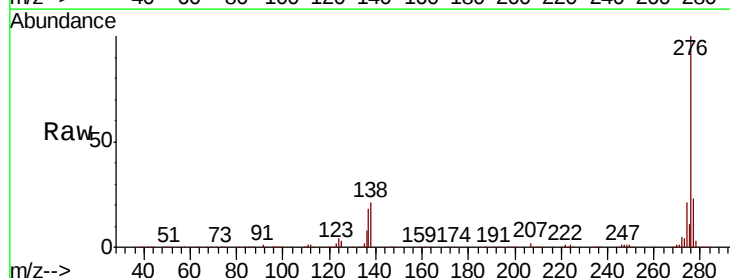
Tgt Ion:276 Resp: 890868

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 20.6 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

