

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114626.D
 Acq On : 26 May 2019 2:48
 Operator : JU/SJ
 Sample : PB1120038BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 27 01:24:40 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	182965	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	716712	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	334604	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	640365	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	457569	20.00	ng	-0.02
87) Perylene-d12	15.43	264	450805	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1191927	104.84	ng	0.00
7) Phenol-d6	6.45	99	1479983	110.06	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1027780	80.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	345605	99.91	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1776155	80.30	ng	-0.02
79) Terphenyl-d14	12.90	244	1765571	79.54	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	170550	27.291	ng	97
3) Pyridine	3.36	79	457781	26.587	ng	98
4) n-Nitrosodimethylamine	3.31	42	248454	29.923	ng	100
6) Aniline	6.47	93	451473	23.242	ng	# 41
8) 2-Chlorophenol	6.59	128	451748	37.219	ng	96
9) Benzaldehyde	6.36	77	219819	23.350	ng	98
10) Phenol	6.46	94	550589	34.806	ng	84
11) bis(2-Chloroethyl)ether	6.54	93	431709	35.948	ng	96
12) 1,3-Dichlorobenzene	6.74	146	469452	34.456	ng	99
13) 1,4-Dichlorobenzene	6.82	146	484955	35.323	ng	98
14) 1,2-Dichlorobenzene	6.97	146	439488	35.038	ng	98
15) Benzyl Alcohol	6.95	79	348346	33.214	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	759646	32.623	ng	54
17) 2-Methylphenol	7.07	107	351080	35.212	ng	# 90
18) Hexachloroethane	7.30	117	177664	34.475	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	300854	35.297	ng	99
20) 3+4-Methylphenols	7.22	107	462123	40.116	ng	# 74
22) Acetophenone	7.22	105	602606	37.953	ng	# 90
24) Nitrobenzene	7.39	77	467541	35.944	ng	98
25) Isophorone	7.62	82	840646	35.492	ng	98
26) 2-Nitrophenol	7.70	139	242900	38.490	ng	96
27) 2,4-Dimethylphenol	7.75	122	386606	39.006	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	533267	34.700	ng	99
29) 2,4-Dichlorophenol	7.96	162	368488	37.336	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	398390	35.498	ng	99
31) Naphthalene	8.10	128	1265811	37.809	ng	98
32) Benzoic acid	7.90	122	212531	32.695	ng	99
33) 4-Chloroaniline	8.16	127	300271	19.682	ng	98
34) Hexachlorobutadiene	8.22	225	220543	34.537	ng	98
35) Caprolactam	8.53	113	64333	19.990	ng	93
36) 4-Chloro-3-methylphenol	8.66	107	378501	38.100	ng	99
37) 2-Methylnaphthalene	8.80	142	835894	38.698	ng	98
38) 1-Methylnaphthalene	8.90	142	801034	39.379	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	383069	37.793	ng	99

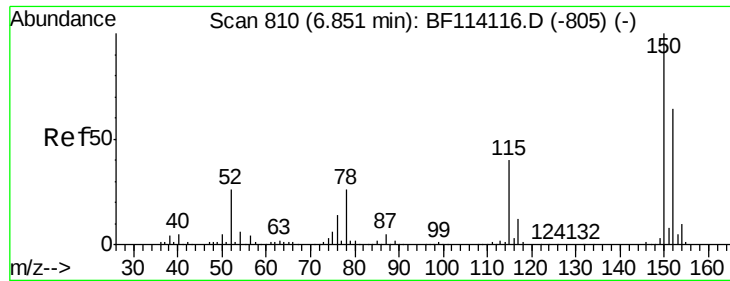
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114626.D
 Acq On : 26 May 2019 2:48
 Operator : JU/SJ
 Sample : PB1120038BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

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Quant Time: May 27 01:24:40 2019
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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	183255	41.034	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	229752	32.955	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	234727	32.830	ng	94
46) 1,1'-Biphenyl	9.26	154	1014270	37.522	ng	97
47) 2-Chloronaphthalene	9.29	162	778177	35.771	ng	99
48) 2-Nitroaniline	9.39	65	263094	34.101	ng	97
49) Acenaphthylene	9.70	152	1204680	36.409	ng	98
50) Dimethylphthalate	9.56	163	862499	35.114	ng	99
51) 2,6-Dinitrotoluene	9.63	165	196509	36.069	ng	87
52) Acenaphthene	9.87	154	720518	35.487	ng	98
53) 3-Nitroaniline	9.80	138	142236	21.032	ng	97
54) 2,4-Dinitrophenol	9.93	184	154711	58.458	ng	94
55) Dibenzofuran	10.05	168	1030908	34.626	ng	99
56) 4-Nitrophenol	9.99	139	186962	39.091	ng	97
57) 2,4-Dinitrotoluene	10.05	165	239485	32.386	ng	# 78
58) Fluorene	10.39	166	845139	36.750	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	196915	31.919	ng	# 100
60) Diethylphthalate	10.26	149	860894	34.494	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	402257	35.614	ng	97
62) 4-Nitroaniline	10.42	138	202663	28.518	ng	96
63) Azobenzene	10.54	77	832841	34.475	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	112199	36.463	ng	95
66) n-Nitrosodiphenylamine	10.50	169	739880	38.069	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	250901	35.585	ng	97
68) Hexachlorobenzene	10.95	284	268710	34.450	ng	93
69) Atrazine	11.02	200	216512	35.798	ng	98
70) Pentachlorophenol	11.15	266	157174	42.508	ng	99
71) Phenanthrene	11.35	178	1166539	37.444	ng	98
72) Anthracene	11.40	178	1221185	39.025	ng	99
73) Carbazole	11.56	167	1143175	38.310	ng	98
74) Di-n-butylphthalate	11.88	149	1307073	38.021	ng	99
75) Fluoranthene	12.54	202	1272680	37.934	ng	98
77) Benzidine	12.66	184	612647	29.828	ng	97
78) Pyrene	12.77	202	1279312	34.755	ng	99
80) Butylbenzylphthalate	13.37	149	568713	36.707	ng	97
81) Benzo(a)anthracene	13.96	228	1078093	36.428	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	311031	27.091	ng	99
83) Chrysene	14.00	228	1066310	36.754	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	772470	38.122	ng	97
85) Di-n-octyl phthalate	14.54	149	1275715	38.837	ng	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	1003630	39.143	ng	99
88) Benzo(b)fluoranthene	15.01	252	1064121	36.845	ng	98
89) Benzo(k)fluoranthene	15.03	252	982160	37.020	ng	99
90) Benzo(a)pyrene	15.37	252	978354	38.491	ng	98
91) Dibenzo(a,h)anthracene	16.90	278	842427	39.886	ng	98
92) Benzo(g,h,i)perylene	17.33	276	879918	41.571	ng	99

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

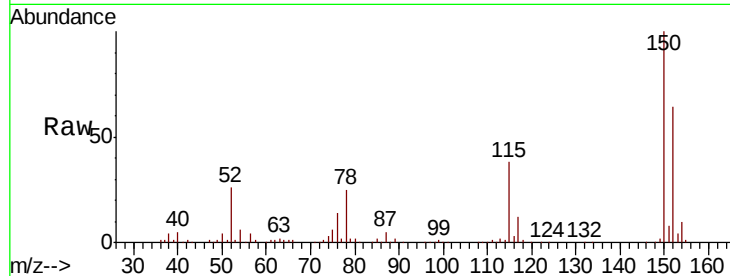


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.3	186.5
115	60.3	49.1	73.7

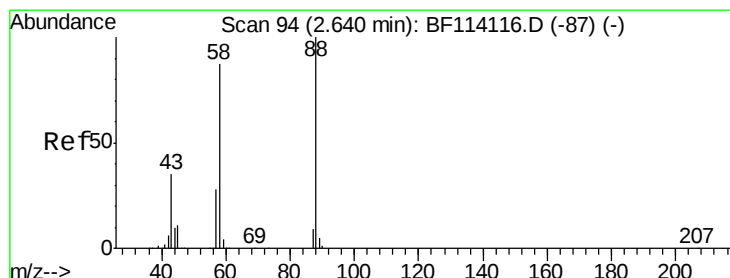
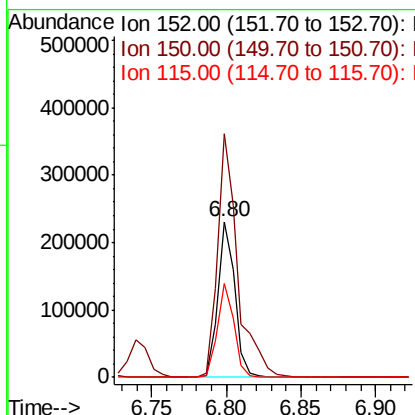
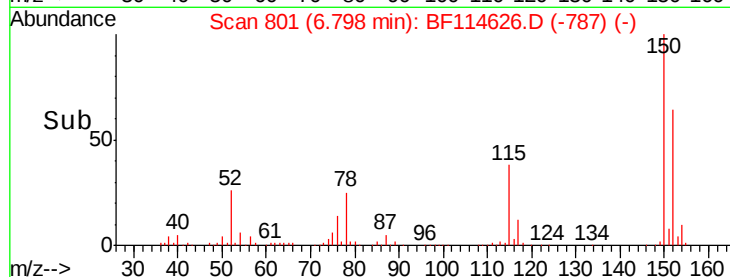


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

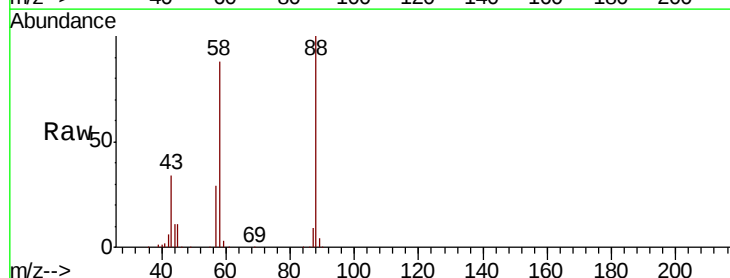
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.291 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.05 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.2	68.7	103.1
43	35.0	28.2	42.2

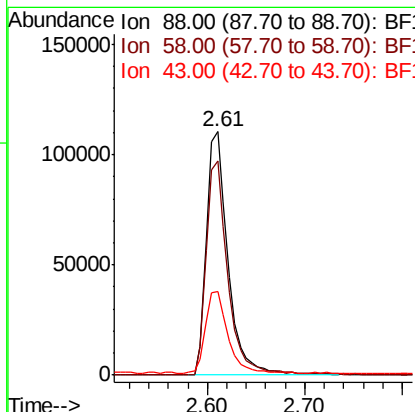
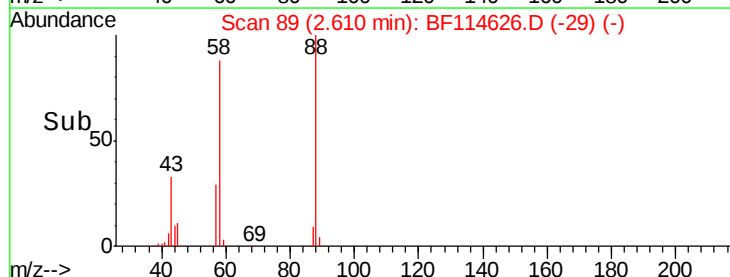


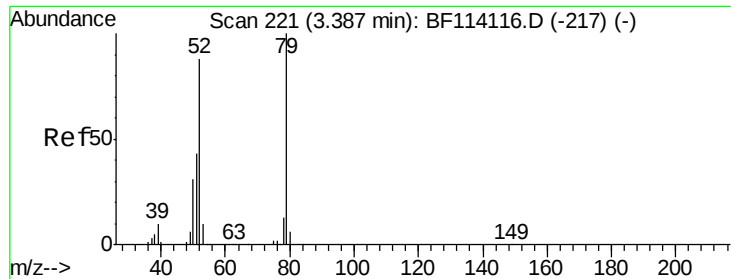
Abundance

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: 26.587 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.05 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampleId :

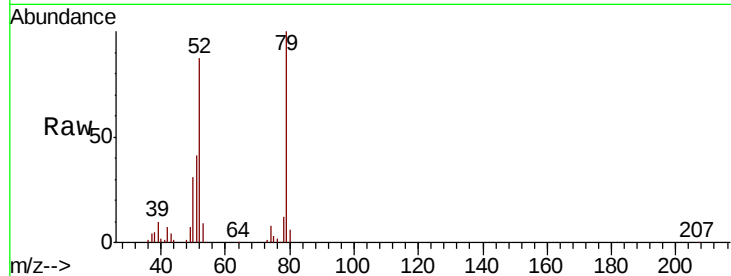
Tot Ion: 79 Resp: 457781

Ion Ratio Lower Upper

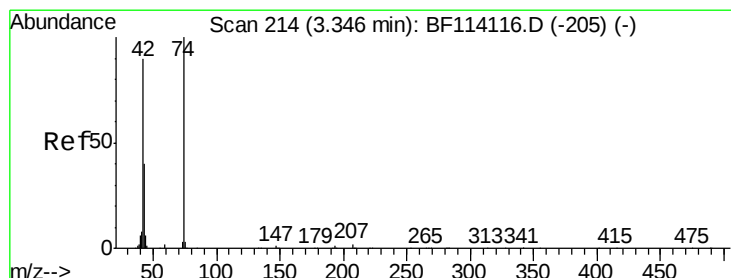
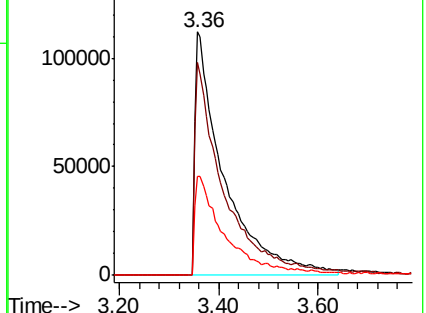
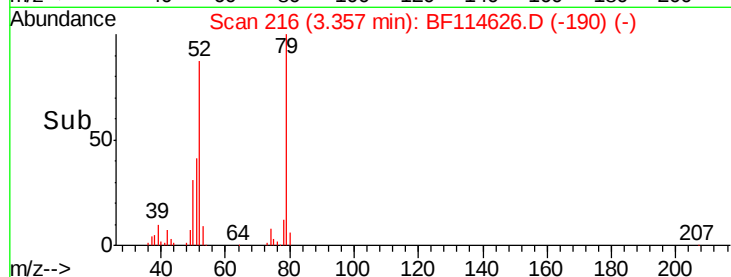
79 100

52 87.4 70.6 105.8

51 40.5 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 29.923 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.05 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

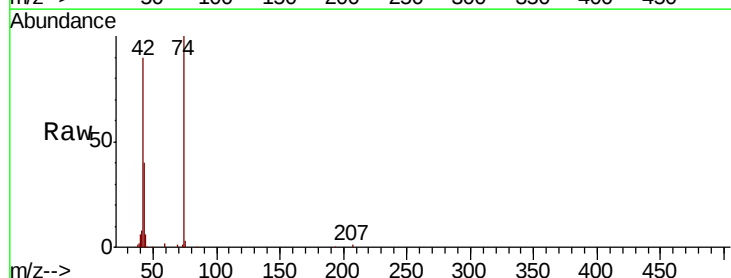
Tgt Ion: 42 Resp: 248454

Ion Ratio Lower Upper

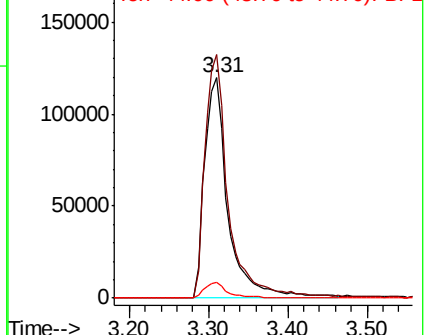
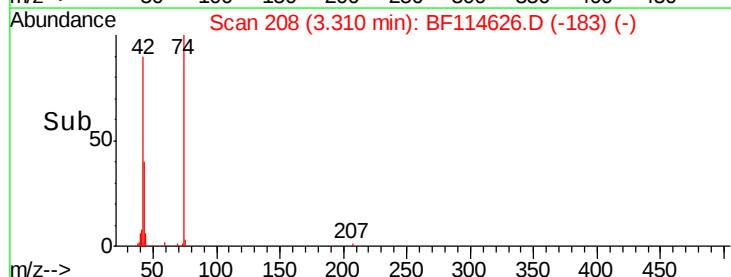
42 100

74 110.7 88.6 132.8

44 7.2 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 104.835 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampled :

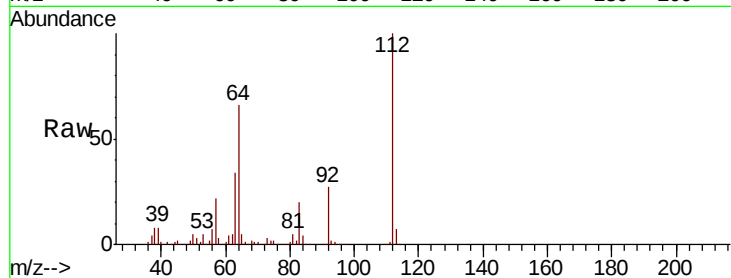
Tot Ion:112 Resp: 1191927

Ion Ratio Lower Upper

112 100

64 66.2 49.0 73.6

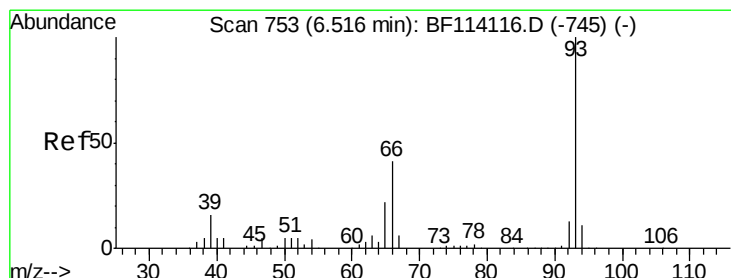
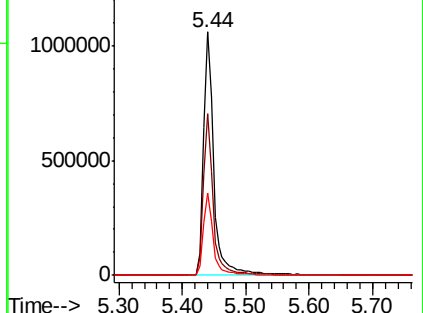
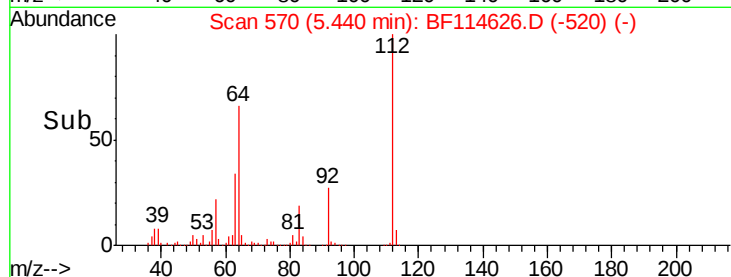
63 34.0 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.242 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

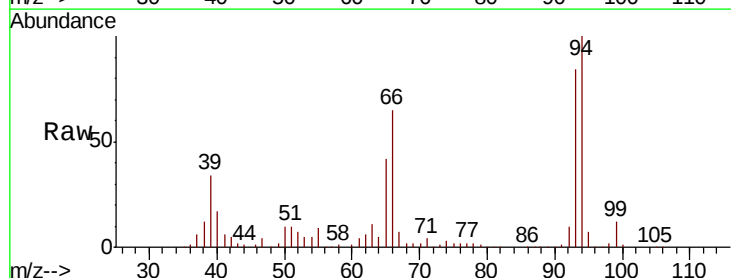
Tgt Ion: 93 Resp: 451473

Ion Ratio Lower Upper

93 100

66 78.2 33.2 49.8#

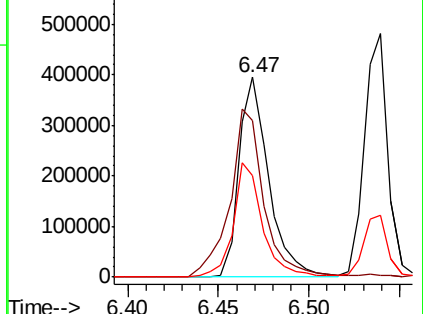
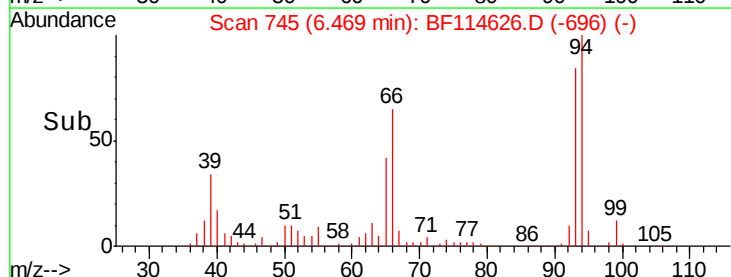
65 50.7 17.6 26.4#

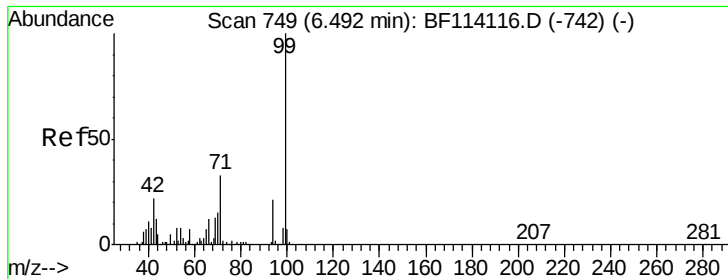


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.060 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampleId :

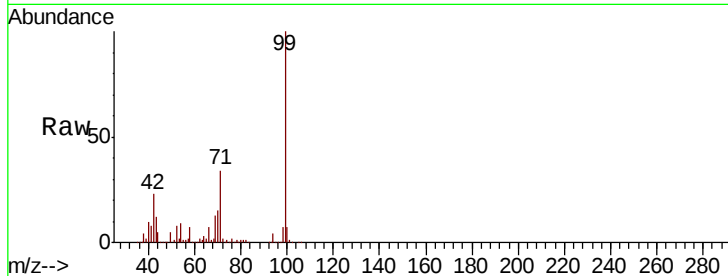
Tot Ion: 99 Resp: 1479983

Ion Ratio Lower Upper

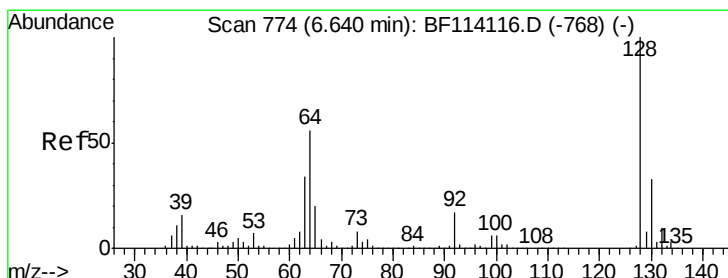
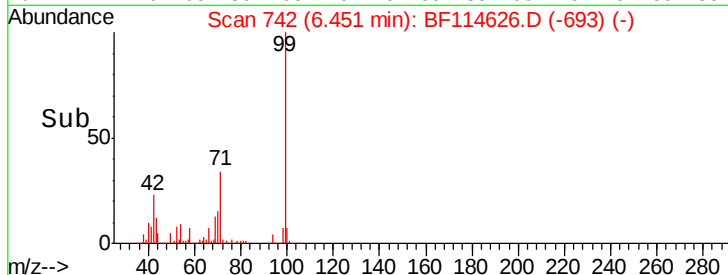
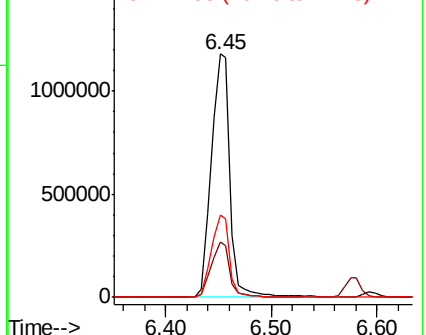
99 100

42 22.5 17.9 26.9

71 33.9 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: 37.219 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

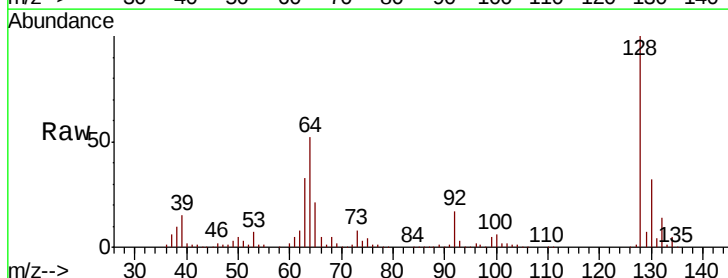
Tgt Ion: 128 Resp: 451748

Ion Ratio Lower Upper

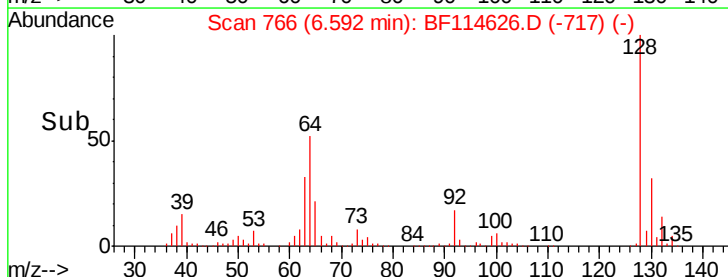
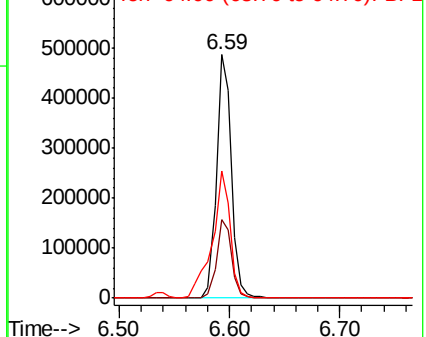
128 100

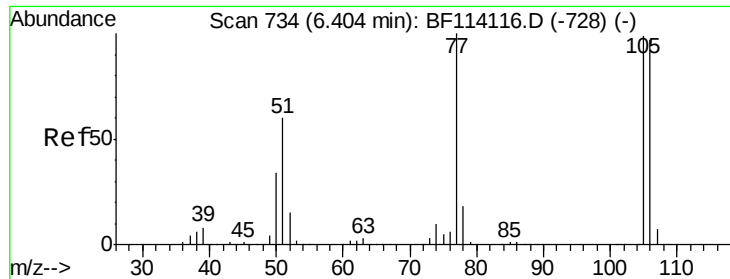
130 32.2 12.6 52.6

64 52.1 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

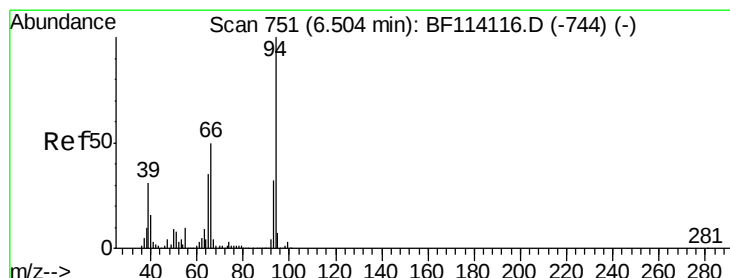
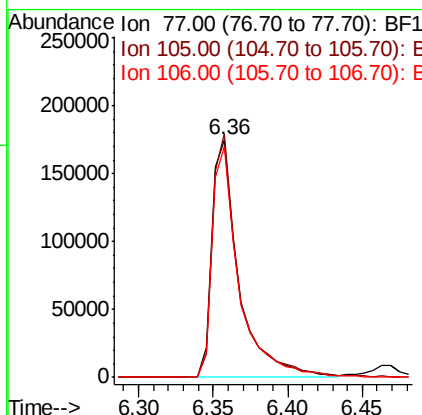
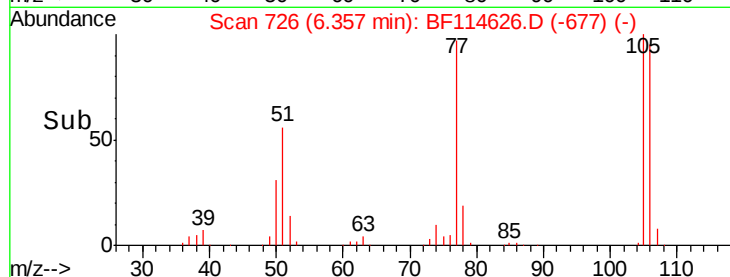
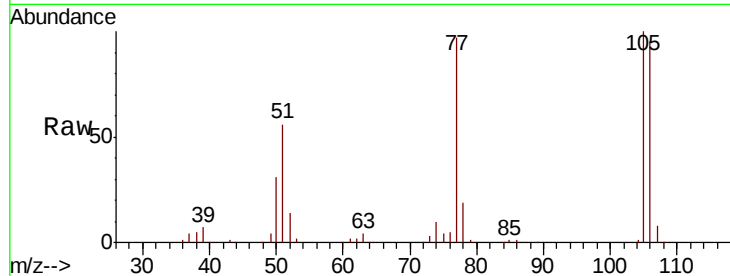




#9
Benzaldehyde
Concen: 23.350 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

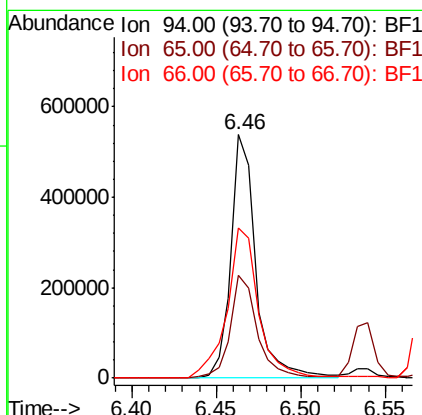
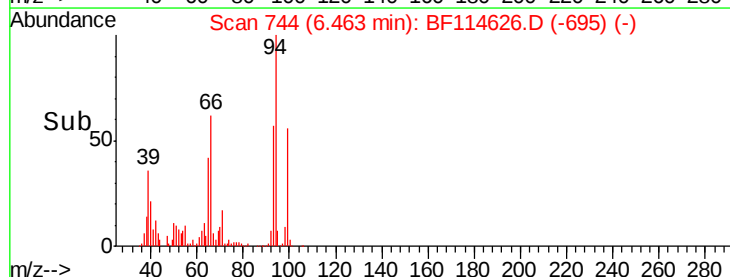
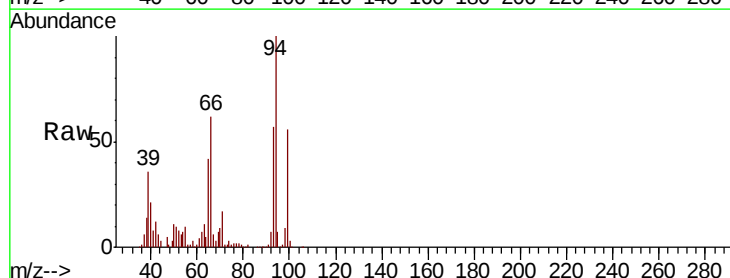
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 219819
Ion Ratio Lower Upper
77 100
105 102.6 79.3 119.3
106 97.4 77.0 117.0



#10
Phenol
Concen: 34.806 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion: 94 Resp: 550589
Ion Ratio Lower Upper
94 100
65 42.1 14.7 54.7
66 61.8 29.6 69.6

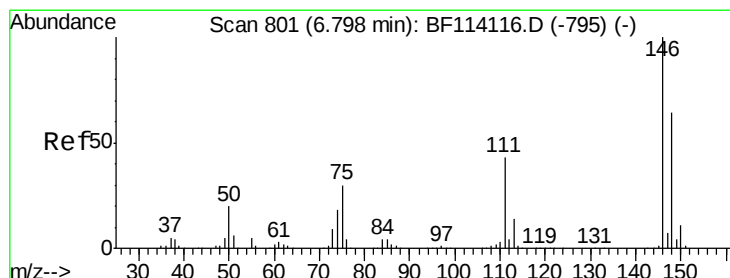
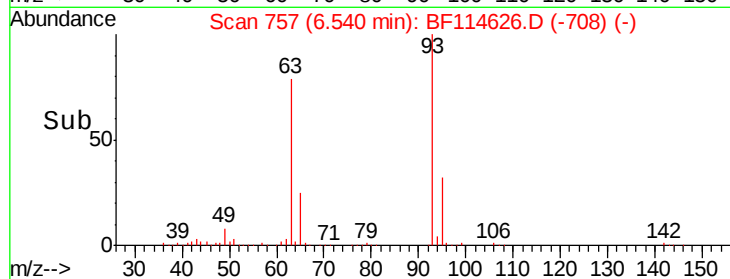
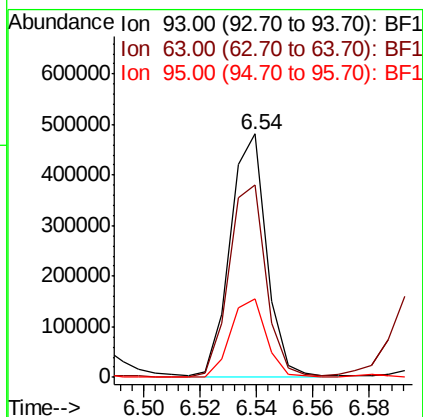
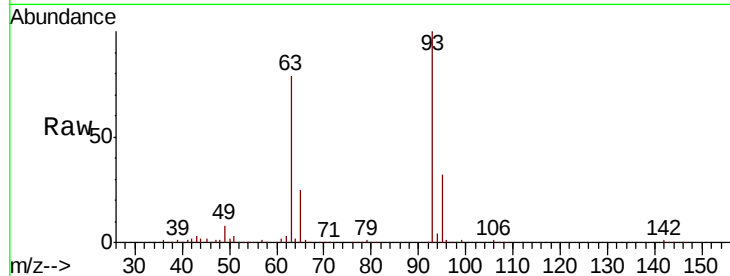




#11
bis(2-Chloroethyl)ether
Concen: 35.948 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

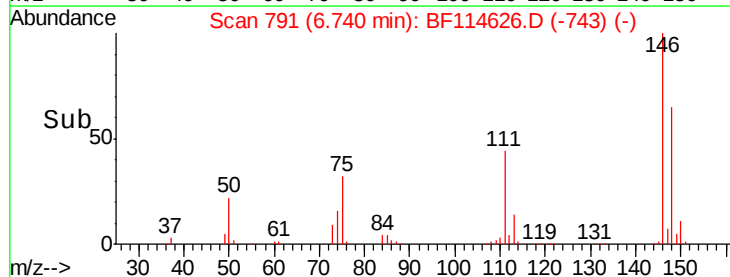
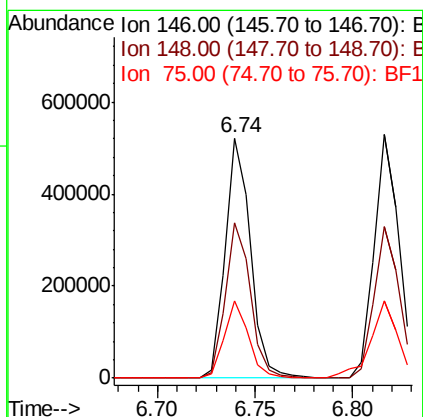
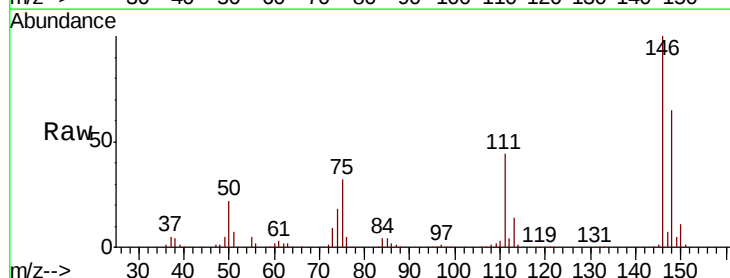
Instrument :
BNA_F
ClientSampleId :

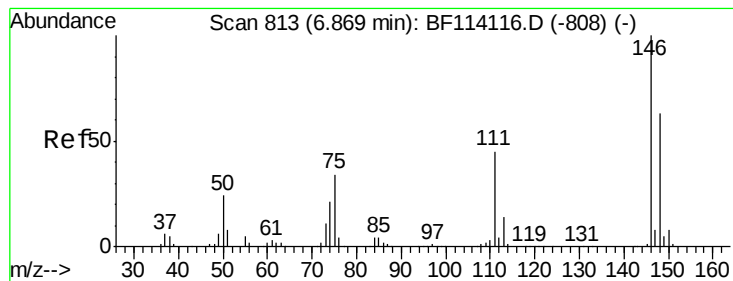
Tot Ion	93	Resp	431709
Ion	Ratio	Lower	Upper
93	100		
63	79.1	63.6	103.6
95	32.5	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 34.456 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	146	Resp	469452
Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.6	77.4
75	32.2	24.2	36.2





#13

1,4-Dichlorobenzene

Concen: 35.323 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampleId :

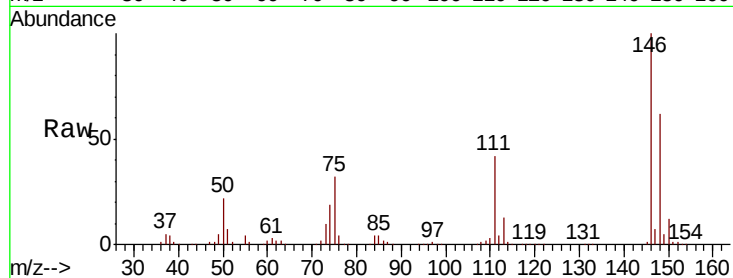
Tot Ion:146 Resp: 484955

Ion Ratio Lower Upper

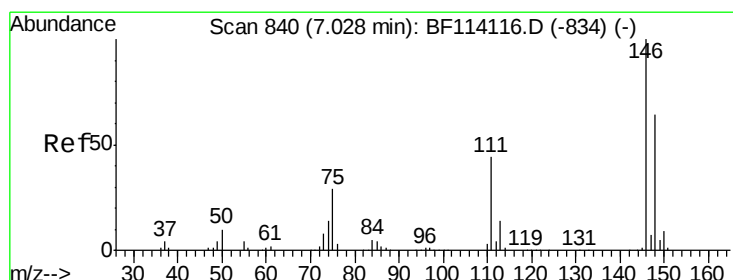
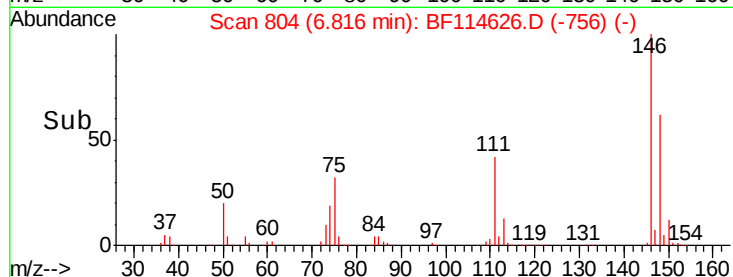
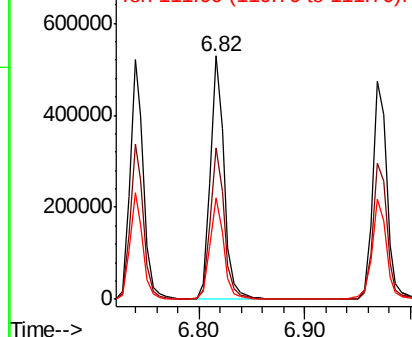
146 100

148 62.4 50.2 75.2

111 41.6 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: 35.038 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

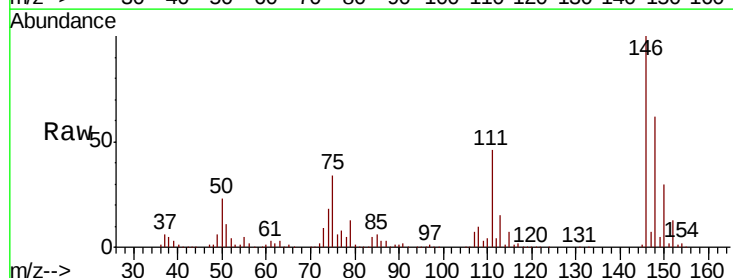
Tgt Ion:146 Resp: 439488

Ion Ratio Lower Upper

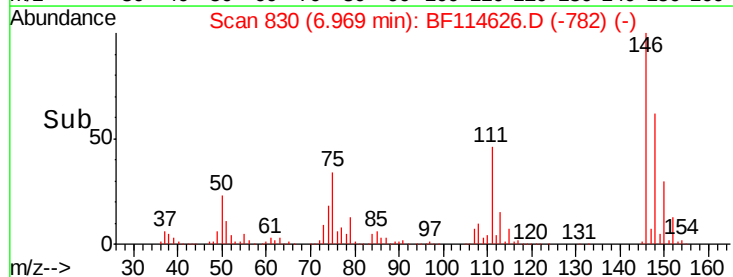
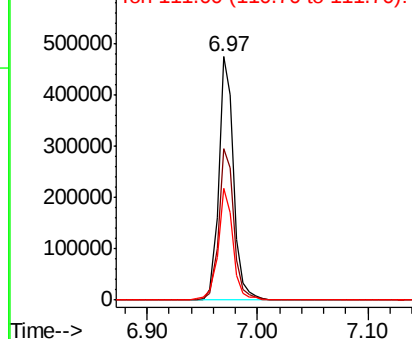
146 100

148 62.4 51.1 76.7

111 45.9 35.3 52.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.214 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampleId :

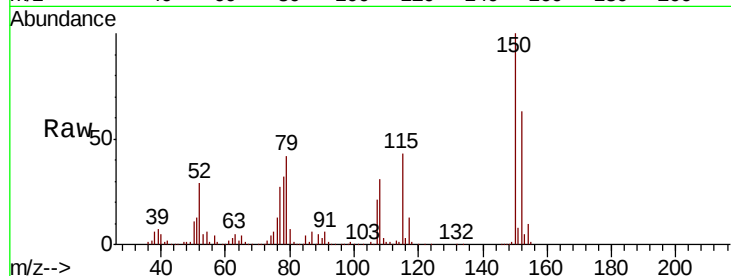
Tot Ion: 79 Resp: 348346

Ion Ratio Lower Upper

79 100

108 73.9 62.1 93.1

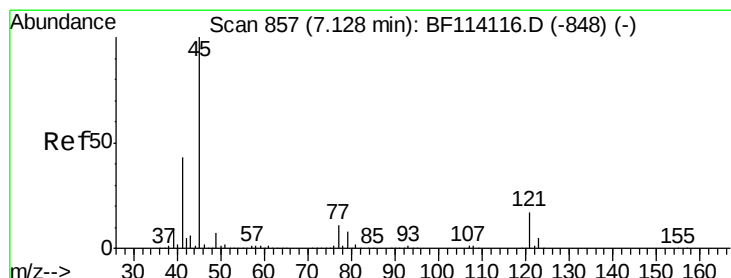
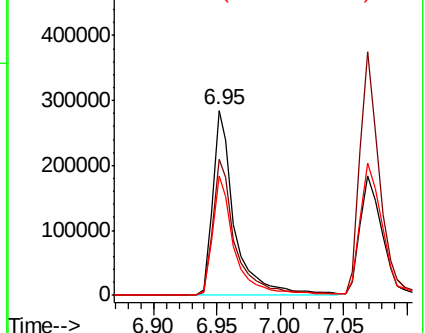
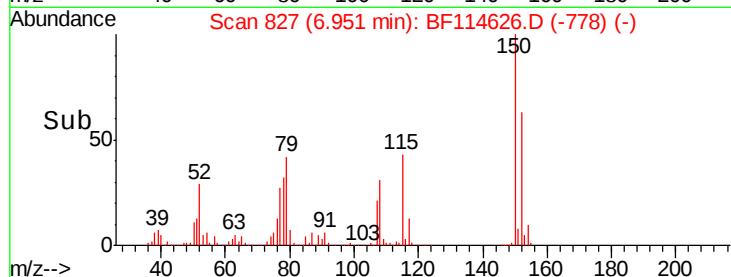
77 64.8 51.0 76.6



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: 32.623 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

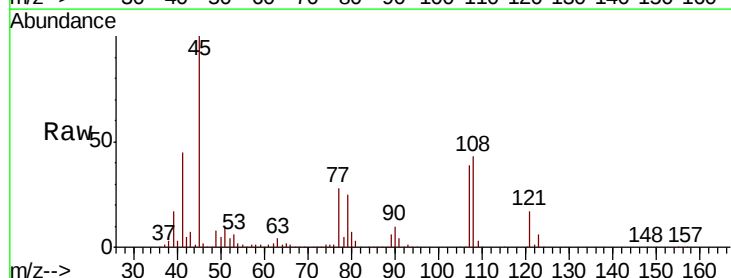
Tgt Ion: 45 Resp: 759646

Ion Ratio Lower Upper

45 100

77 28.2 0.0 31.1

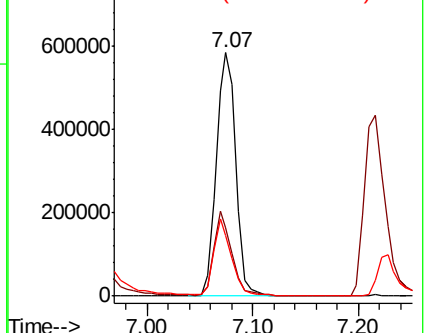
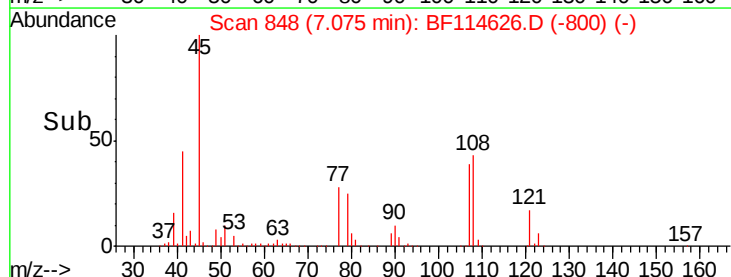
79 25.0 0.0 28.4

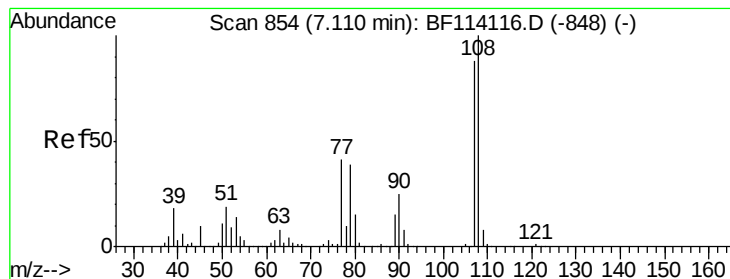


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

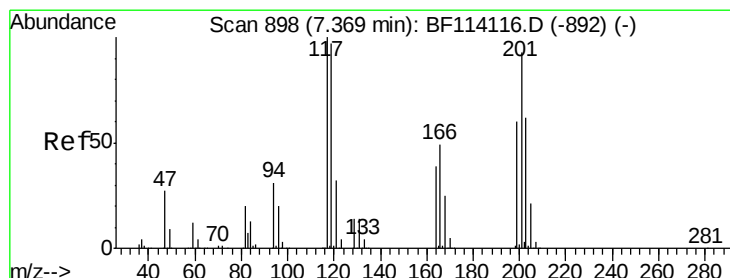
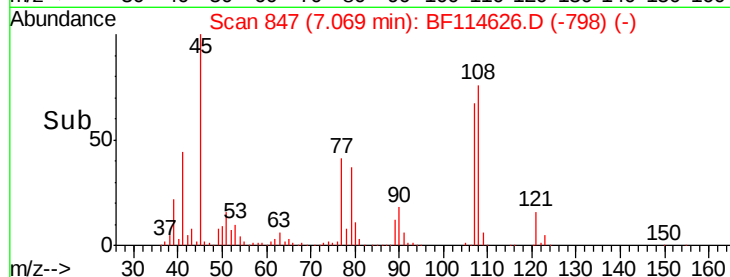
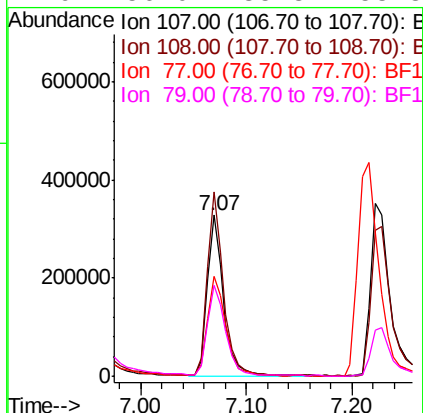
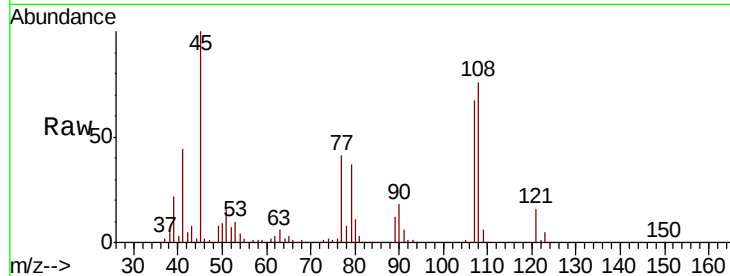




#17
2-Methylphenol
Concen: 35.212 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

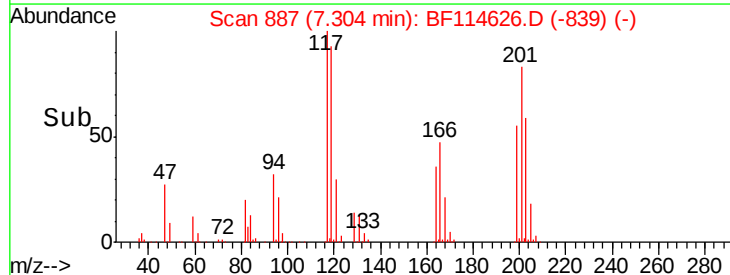
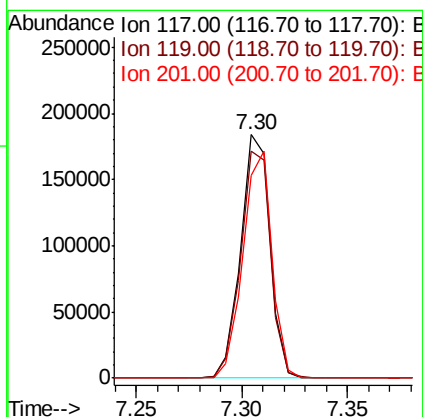
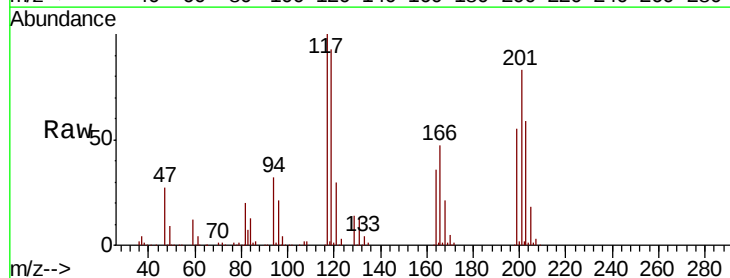
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.2	90.5	135.7
77	61.9	37.0	55.4
79	56.0	35.8	53.8



#18
Hexachloroethane
Concen: 34.475 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	77.4	116.2
201	83.1	74.5	111.7

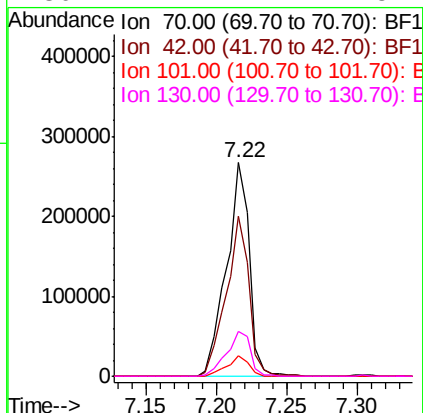
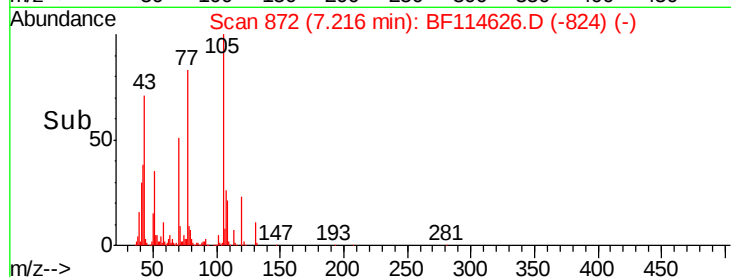
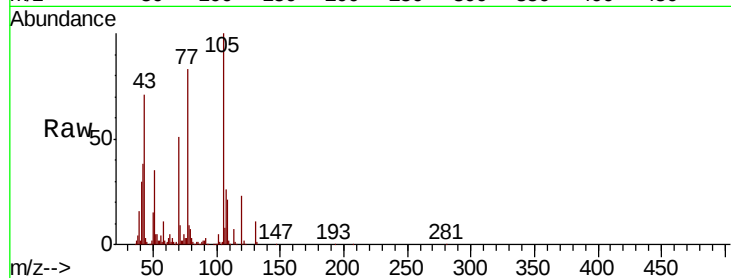




#19
n-Nitroso-di-n-propylamine
Concen: 35.297 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

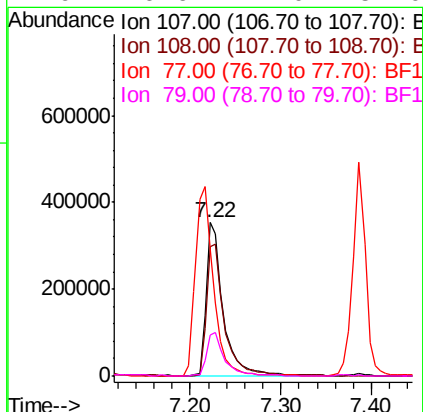
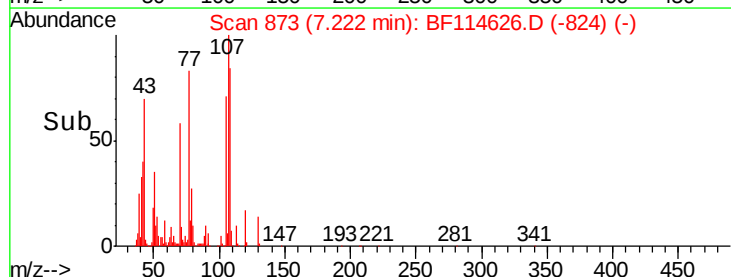
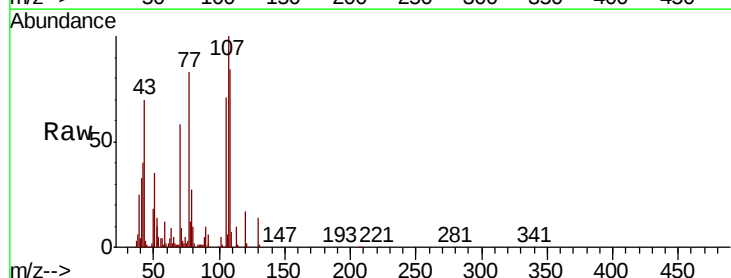
Instrument :
BNA_F
ClientSampleId :

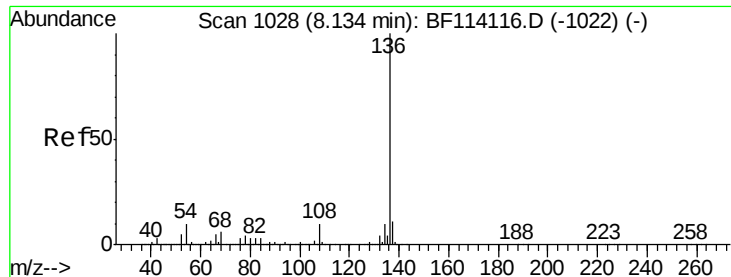
Tot Ion:	70	Resp:	300854
Ion	Ratio	Lower	Upper
70	100		
42	74.7	58.6	87.8
101	9.5	7.8	11.8
130	21.1	17.1	25.7



#20
3+4-Methylphenols
Concen: 40.116 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion:	107	Resp:	462123
Ion	Ratio	Lower	Upper
107	100		
108	84.2	73.8	113.8
77	82.8	111.5	151.5#
79	26.6	12.0	52.0

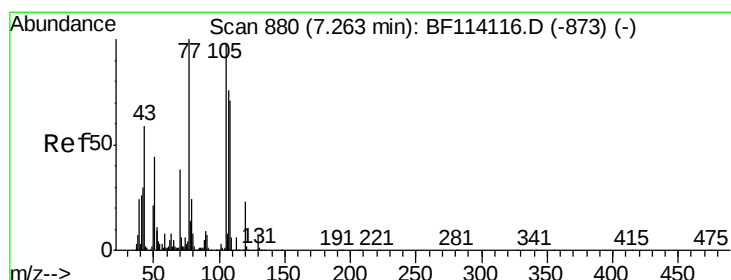
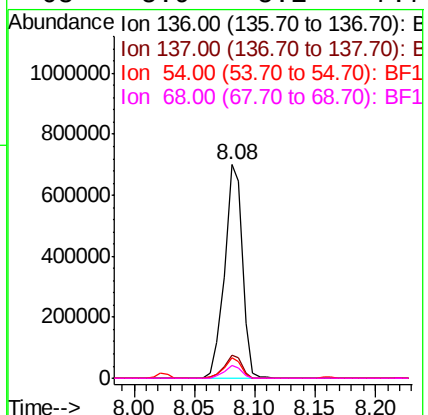
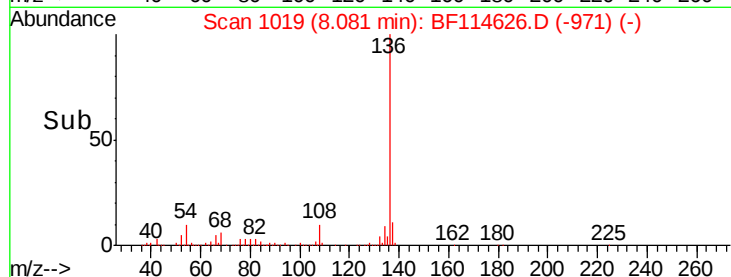
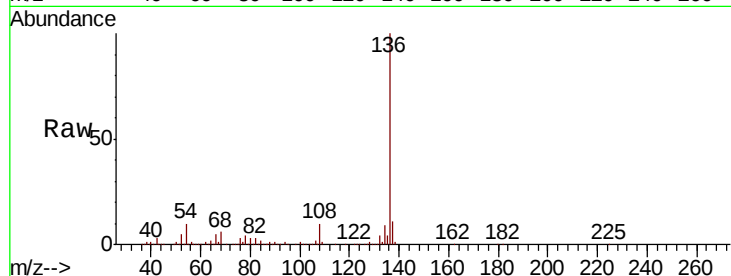




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

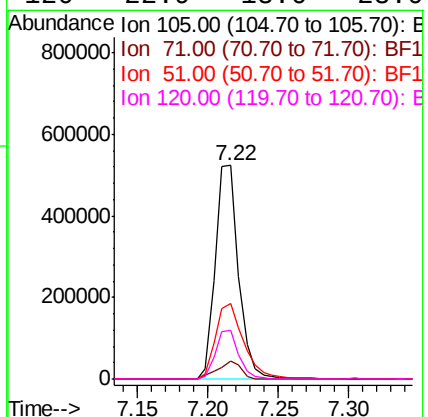
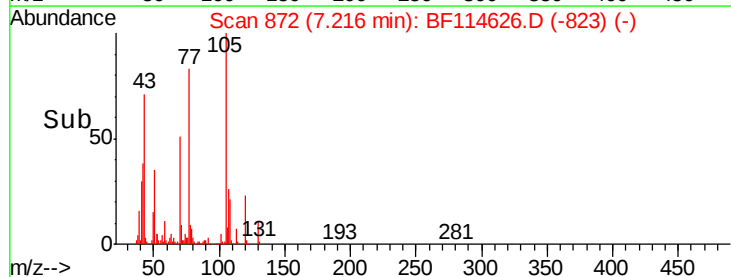
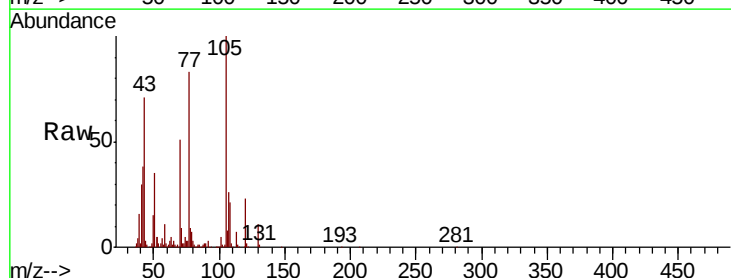
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	716712
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	9.7	7.8 11.8
68	5.9	5.1 7.7



#22
Acetophenone
Concen: 37.953 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion:105	Resp:	602606
Ion Ratio	Lower	Upper
105	100	
71	8.5	5.3 7.9#
51	35.1	36.2 54.4#
120	22.9	18.6 28.0





#23

Nitrobenzene-d5

Concen: 80.477 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampleId :

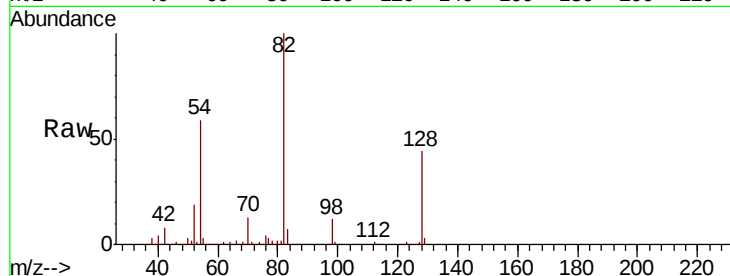
Tot Ion: 82 Resp: 1027780

Ion Ratio Lower Upper

82 100

128 43.8 35.5 53.3

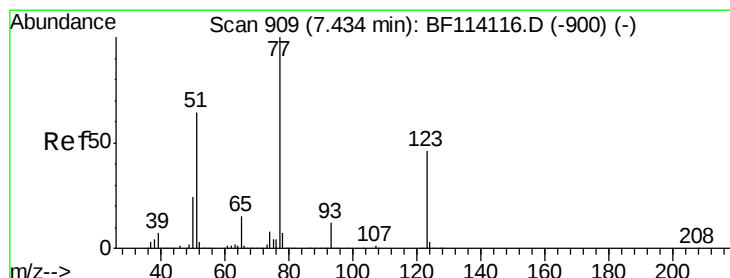
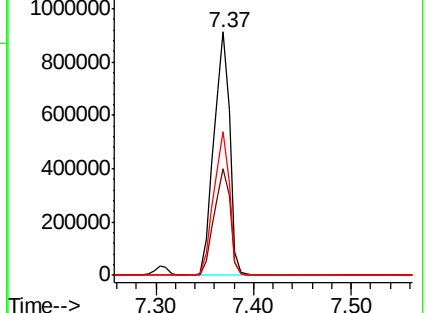
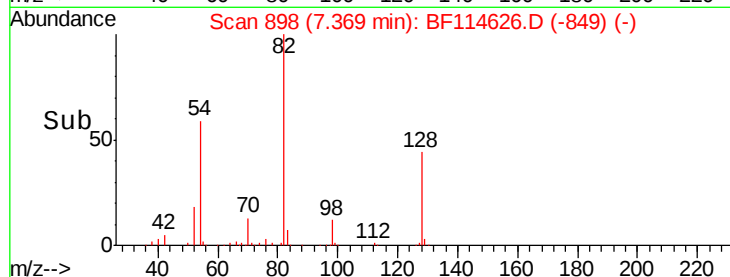
54 59.1 48.5 72.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 35.944 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.02 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

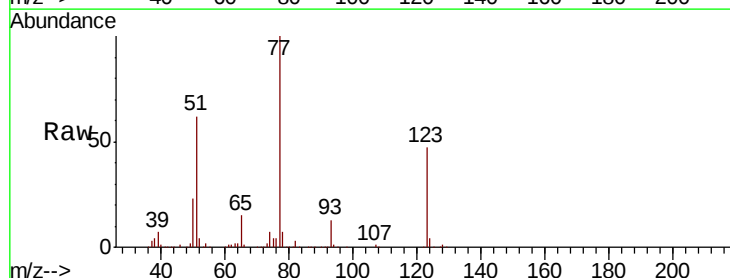
Tgt Ion: 77 Resp: 467541

Ion Ratio Lower Upper

77 100

123 47.5 36.9 55.3

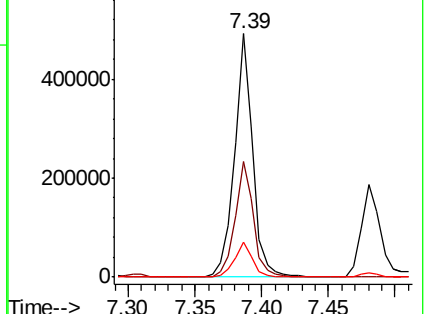
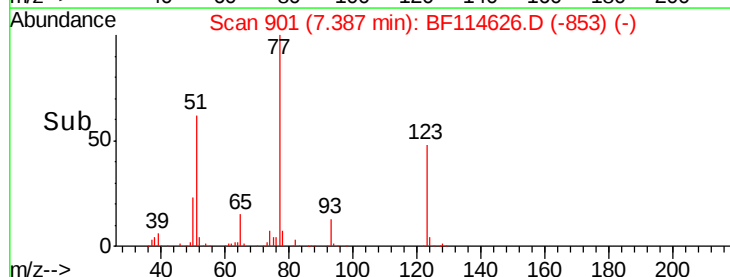
65 14.6 11.8 17.6

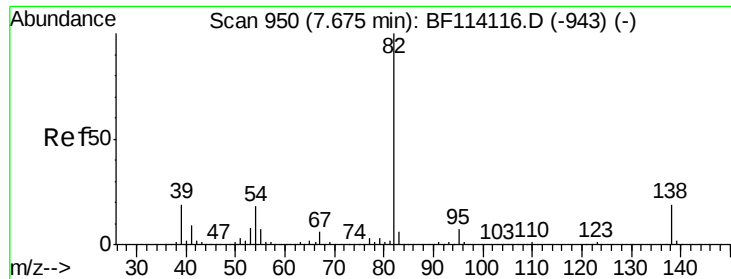


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

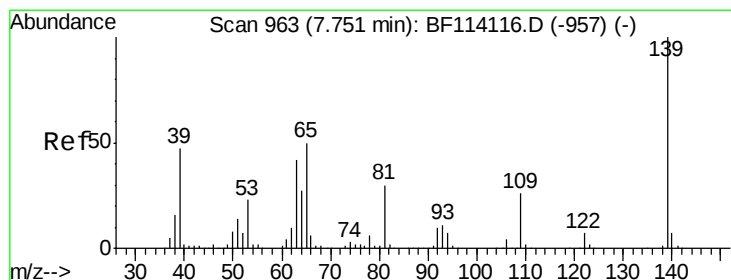
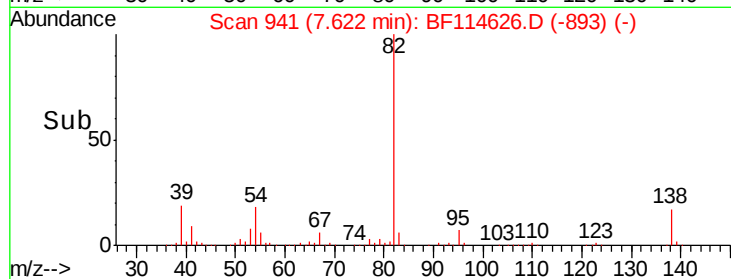
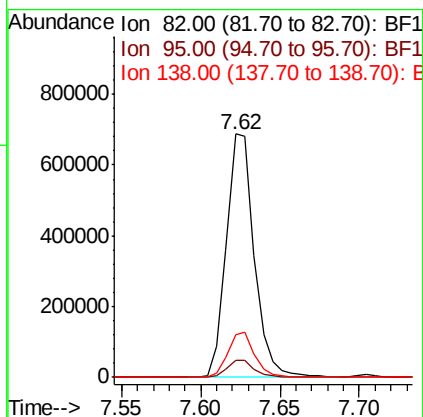
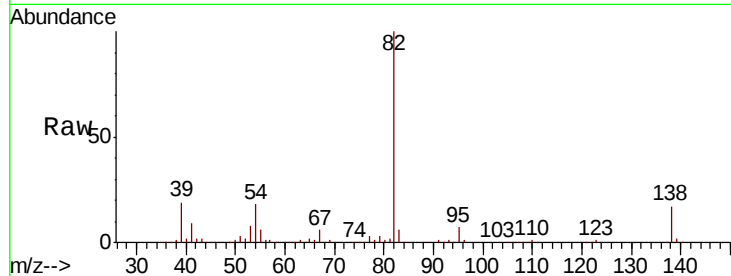




#25
Isophorone
Concen: 35.492 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.02 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

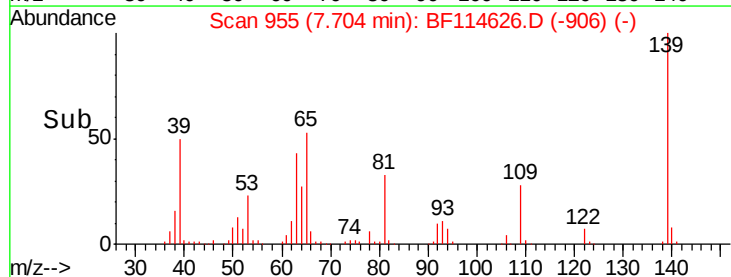
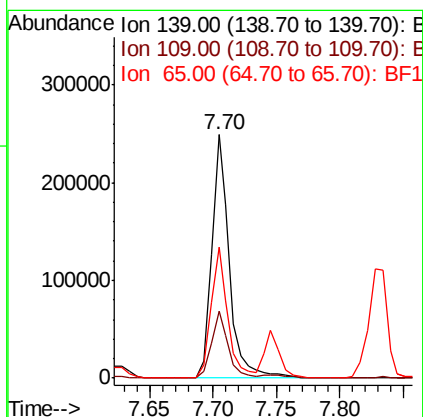
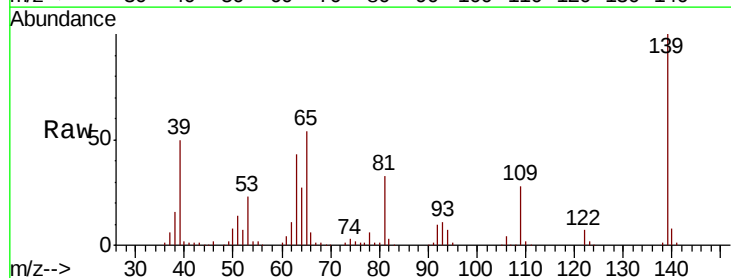
Instrument :
BNA_F
ClientSampleId :

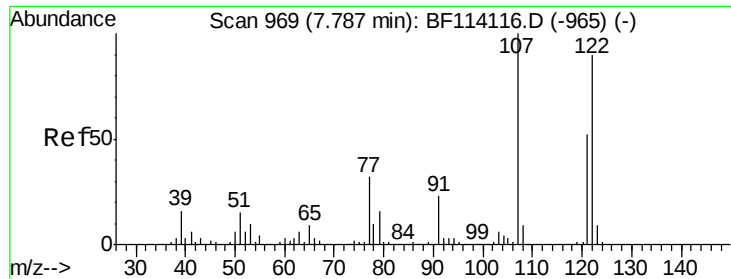
Tot Ion: 82 Resp: 840646
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 17.4 14.8 22.2



#26
2-Nitrophenol
Concen: 38.490 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion: 139 Resp: 242900
Ion Ratio Lower Upper
139 100
109 27.7 20.7 31.1
65 53.6 40.2 60.2

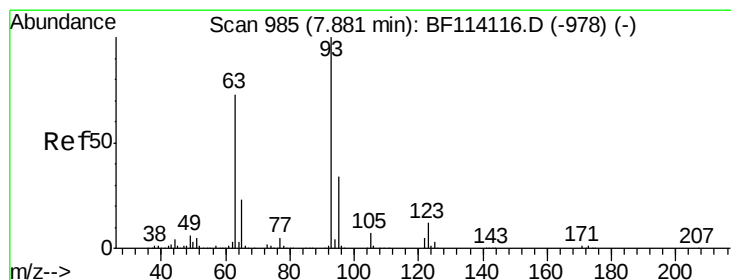
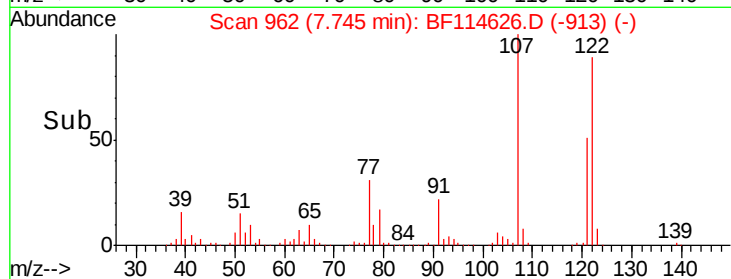
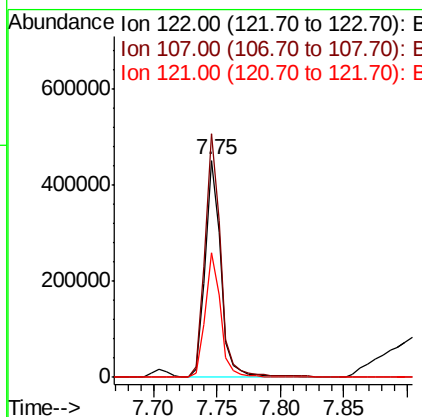
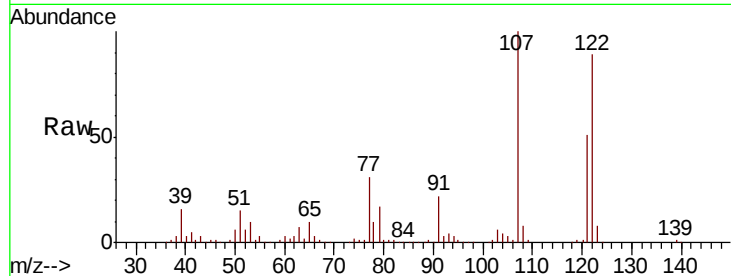




#27
 2,4-Dimethylphenol
 Concen: 39.006 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

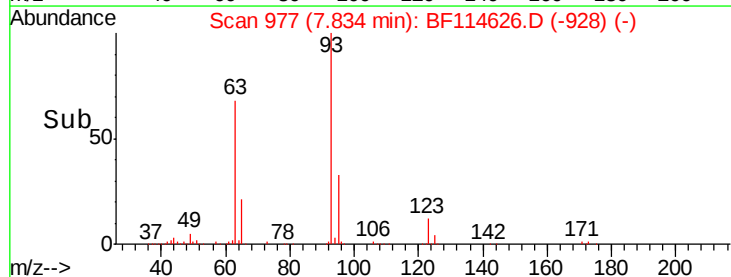
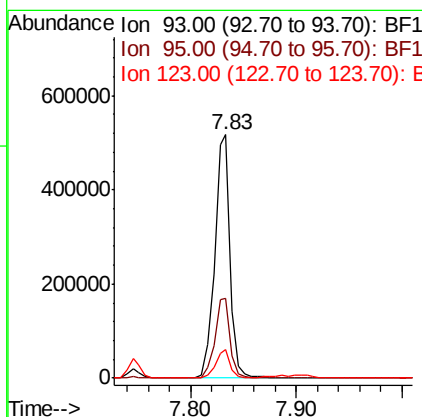
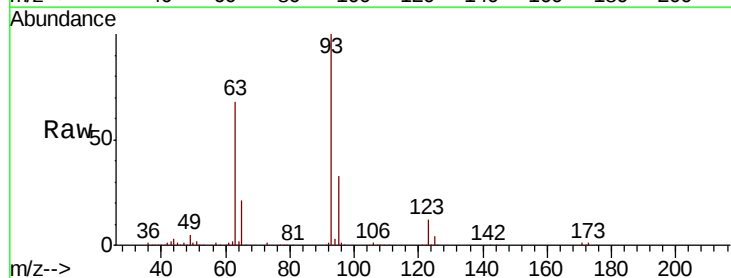
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 386606
 Ion Ratio Lower Upper
 122 100
 107 112.3 88.4 132.6
 121 57.4 45.9 68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.700 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

Tgt Ion: 93 Resp: 533267
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.8 40.2
 123 11.8 9.5 14.3

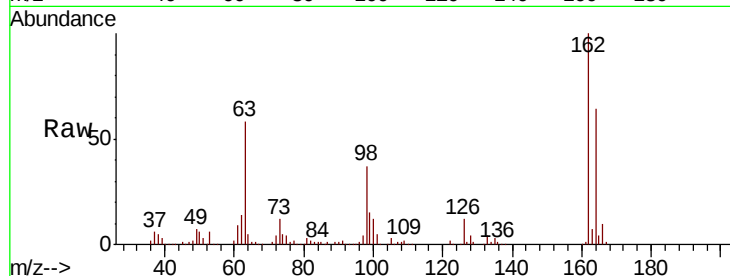




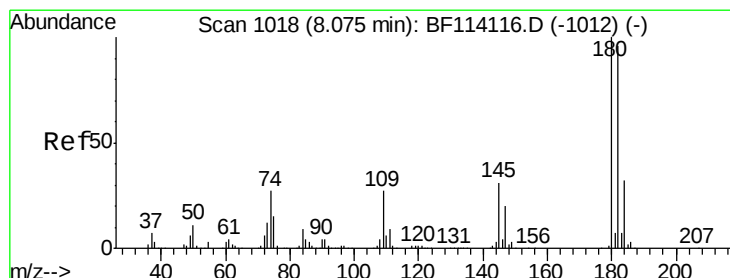
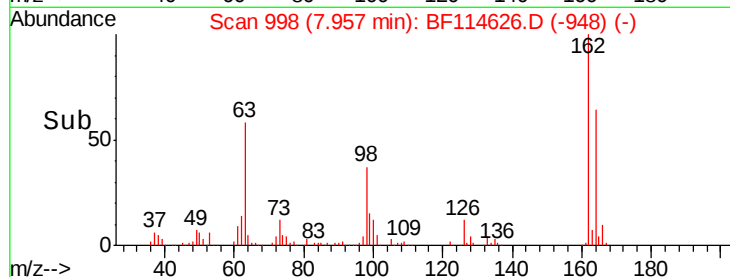
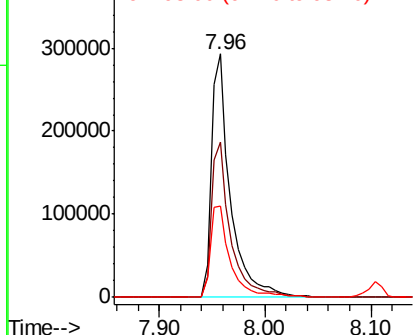
#29
2,4-Dichlorophenol
Concen: 37.336 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.6	83.6
98	37.3	20.6	60.6

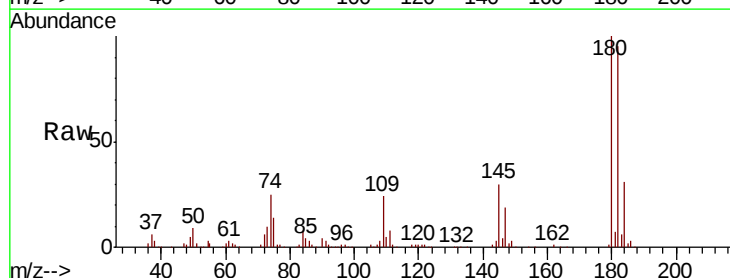


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

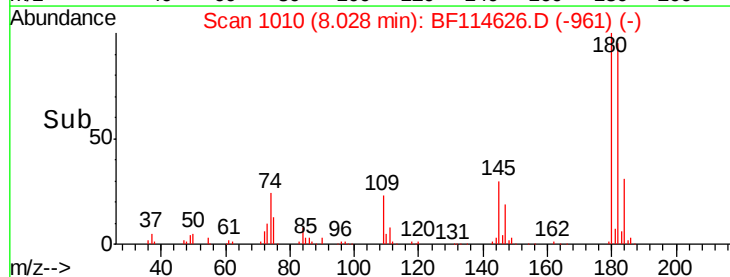
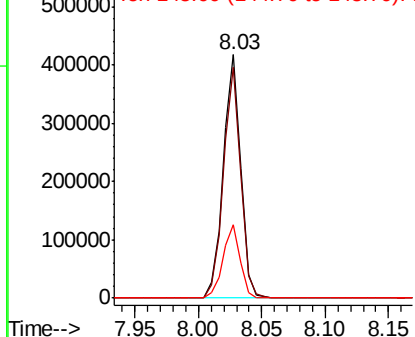


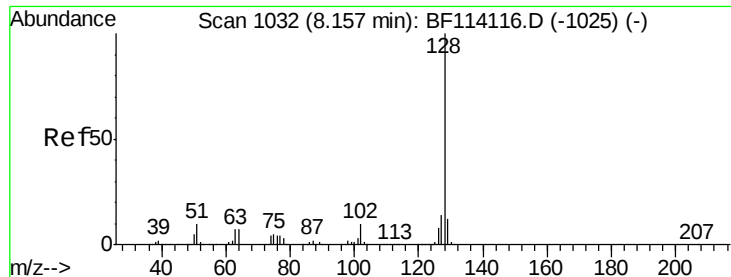
#30
1,2,4-Trichlorobenzene
Concen: 35.498 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.6	114.8
145	30.0	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

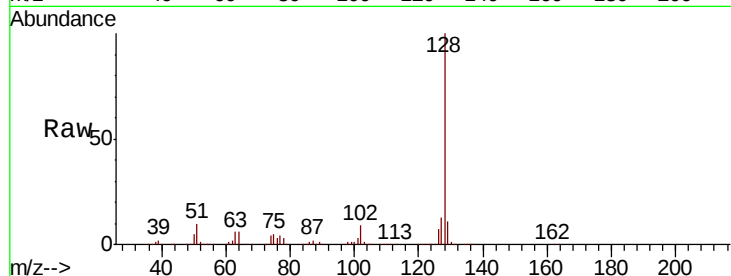




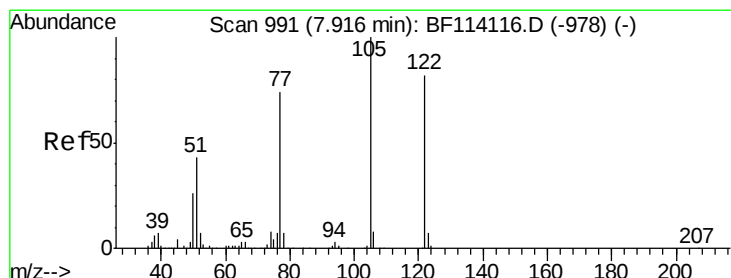
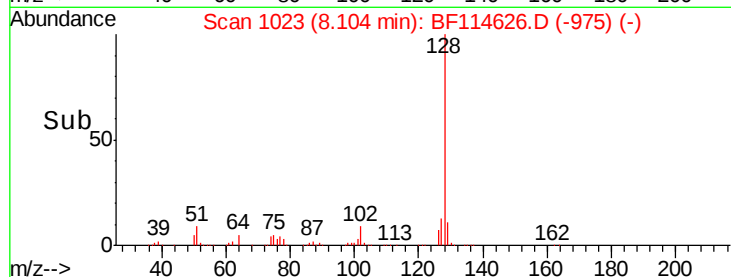
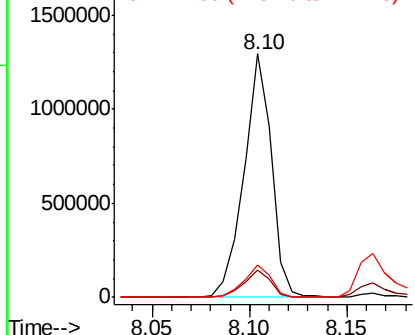
#31
Naphthalene
Concen: 37.809 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1265811
Ion Ratio Lower Upper
128 100
129 11.0 9.6 14.4
127 13.5 11.3 16.9

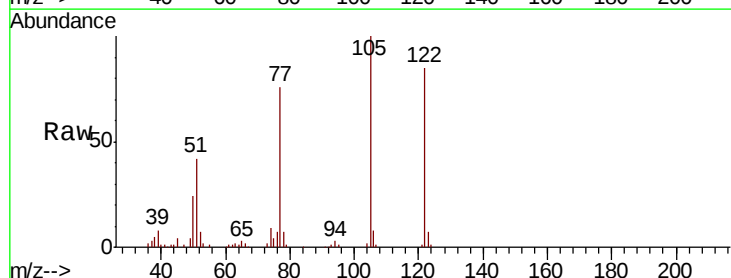


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

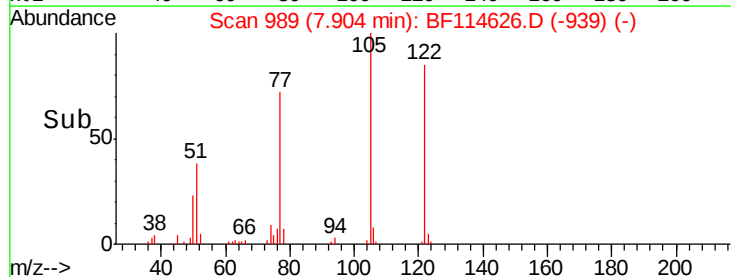
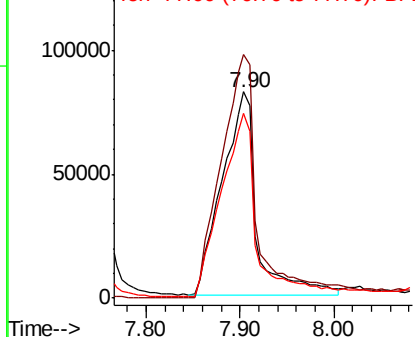


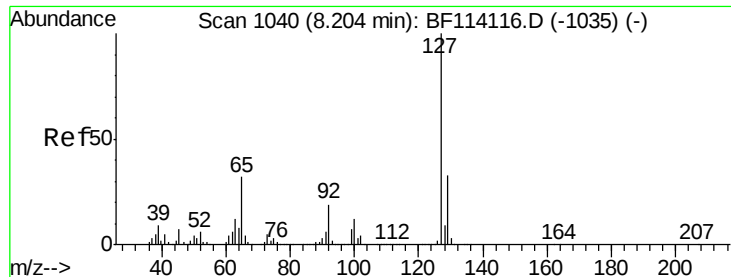
#32
Benzoic acid
Concen: 32.695 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion:122 Resp: 212531
Ion Ratio Lower Upper
122 100
105 118.1 99.9 139.9
77 89.7 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

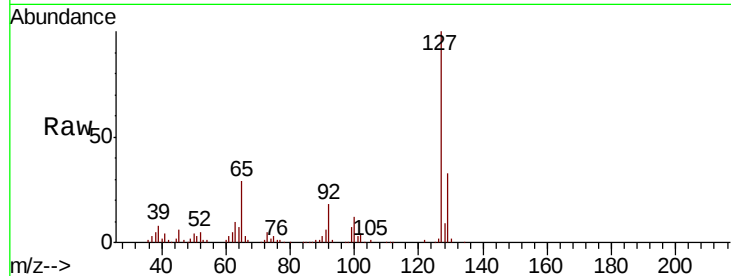




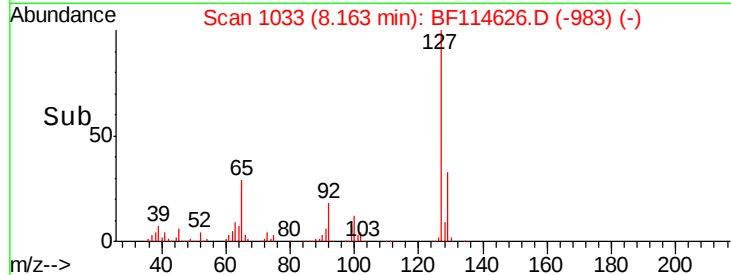
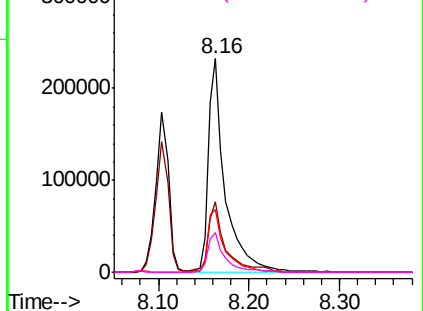
#33
4-Chloroaniline
Concen: 19.682 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	300271
Ion Ratio	Lower	Upper
127	100	
129	33.0	26.7 40.1
65	29.5	25.4 38.0
92	18.4	15.4 23.2

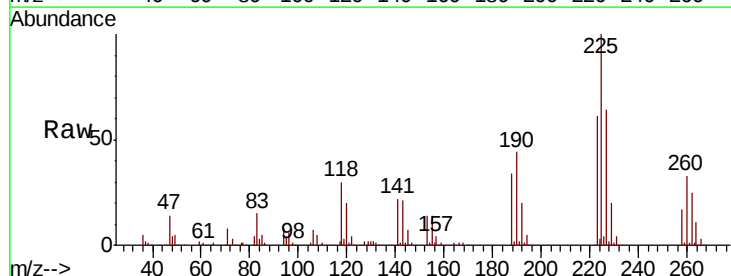


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

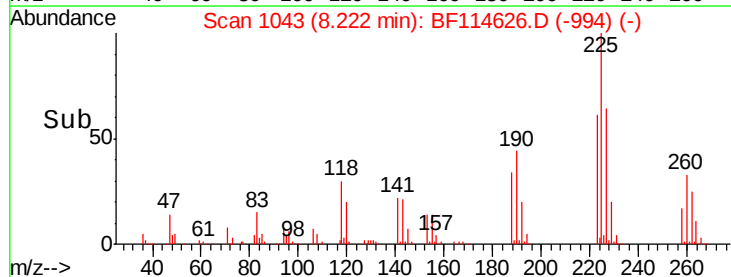
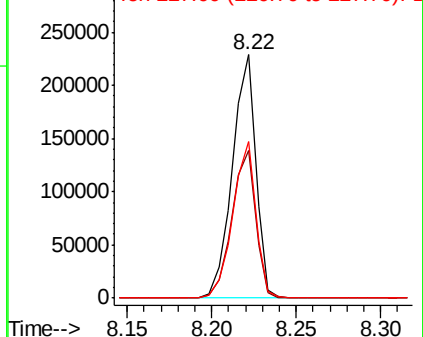


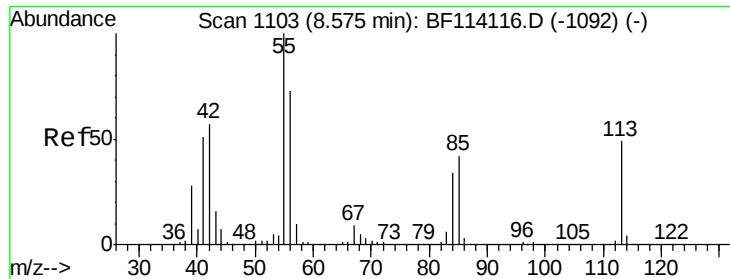
#34
Hexachlorobutadiene
Concen: 34.537 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion:225	Resp:	220543
Ion Ratio	Lower	Upper
225	100	
223	60.7	50.2 75.2
227	64.2	52.6 79.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

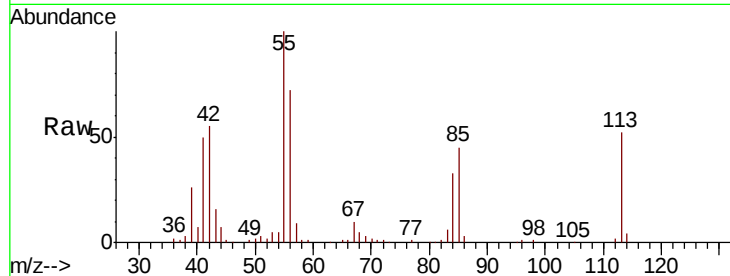




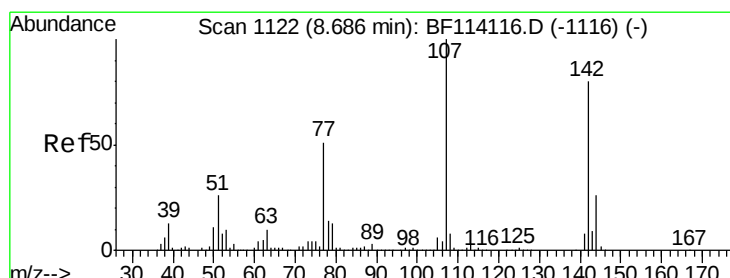
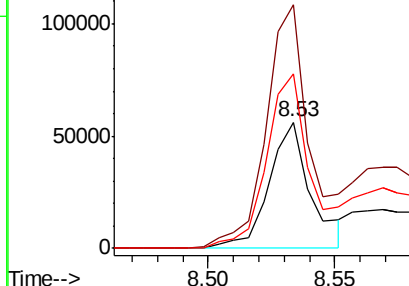
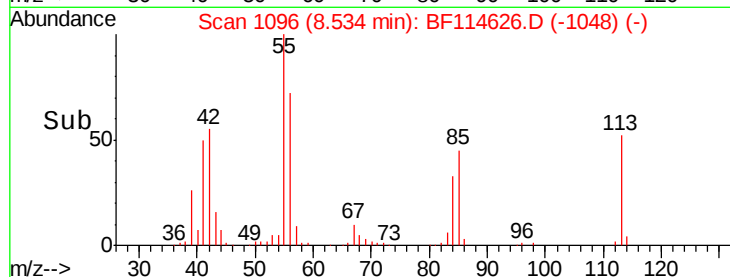
#35
 Caprolactam
 Concen: 19.990 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 64333
 Ion Ratio Lower Upper
 113 100
 55 193.2 183.5 223.5
 56 138.8 128.8 168.8

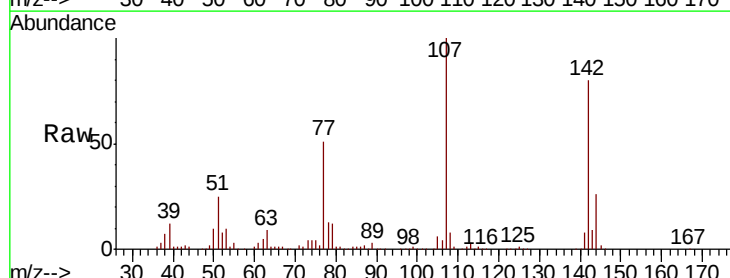


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

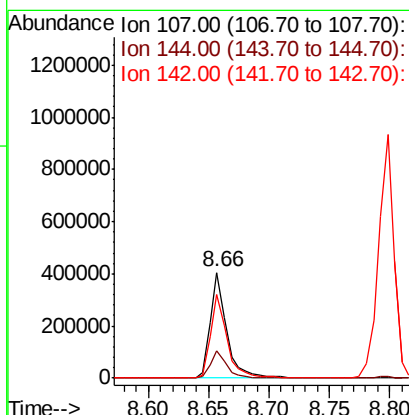
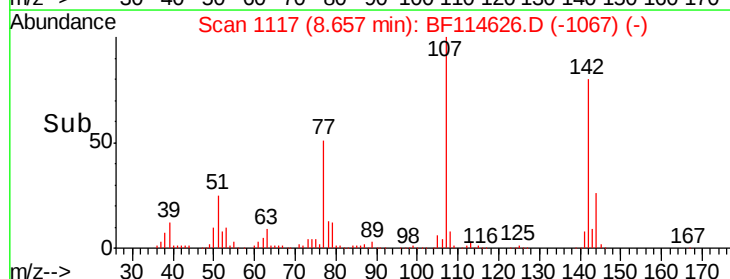


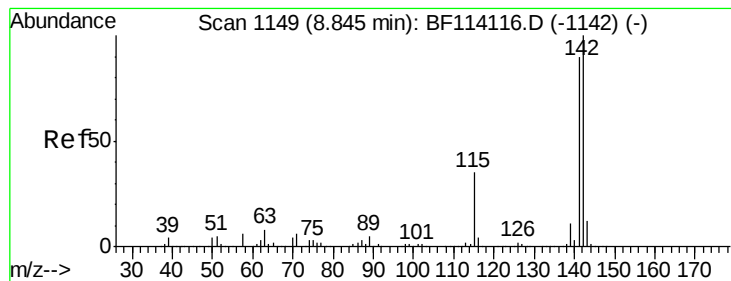
#36
 4-Chloro-3-methylphenol
 Concen: 38.100 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

Tgt Ion:107 Resp: 378501
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.4 30.6
 142 79.6 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

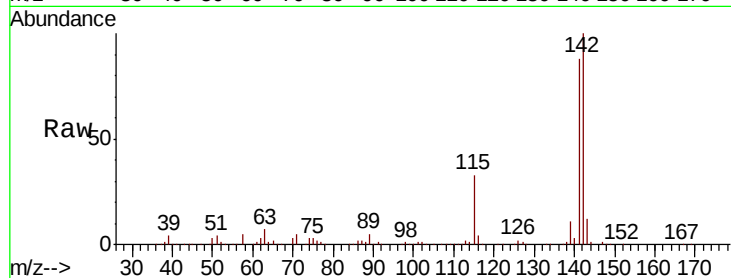




#37
2-Methylnaphthalene
Concen: 38.698 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.1	108.1
115	33.5	28.0	42.0

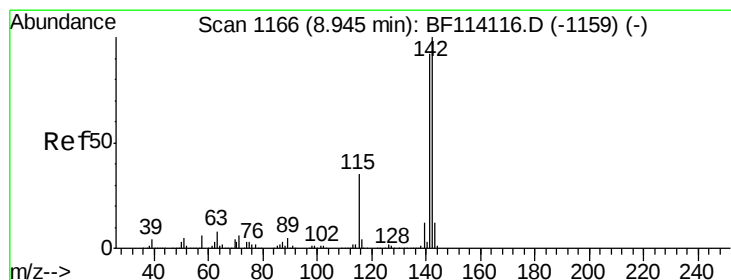
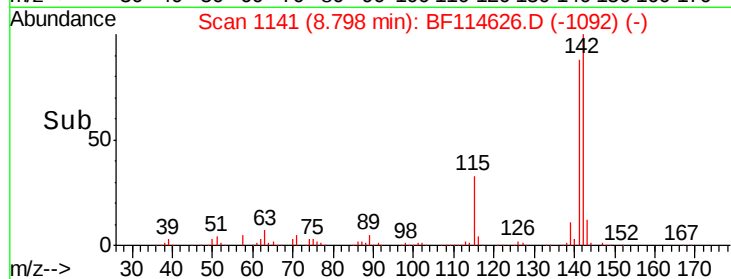
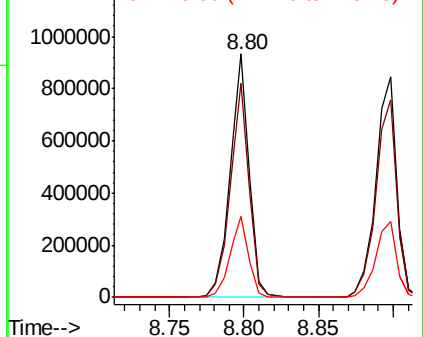


Abundance

Ion 142.00 (141.70 to 142.70): E

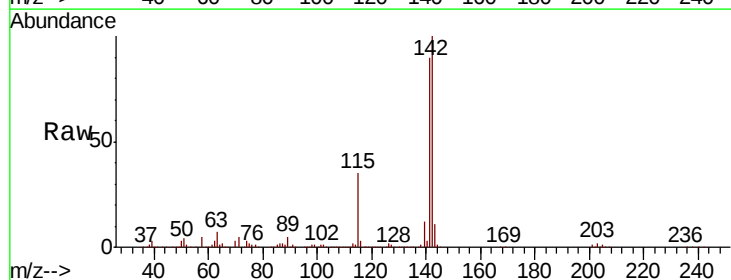
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.379 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	73.4	110.0
116	3.3	3.1	4.7

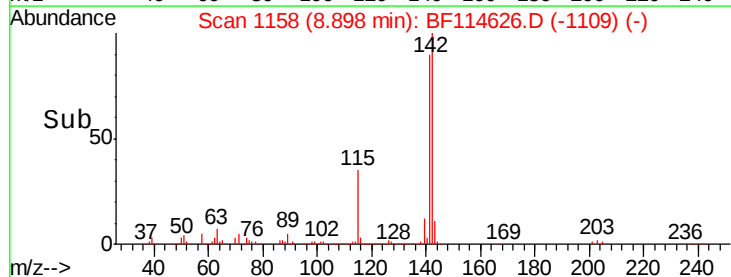
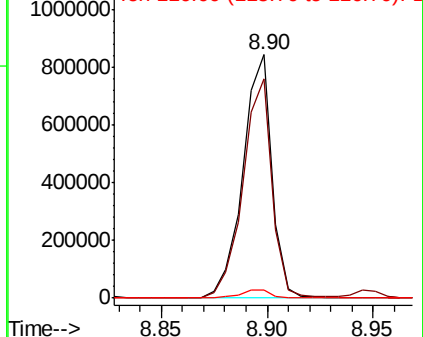


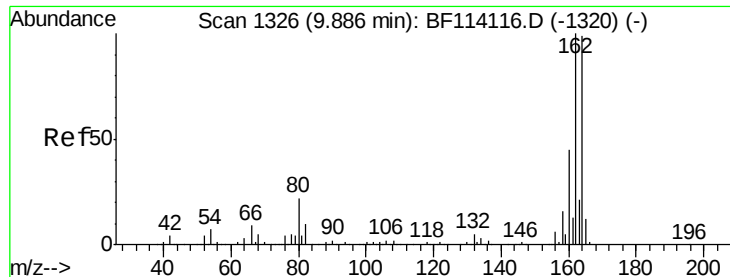
Abundance

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

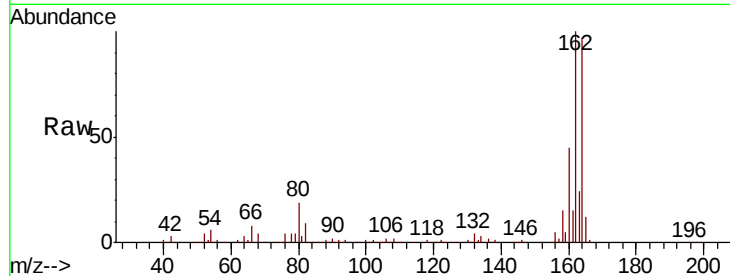




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.6	120.8
160	46.5	36.5	54.7

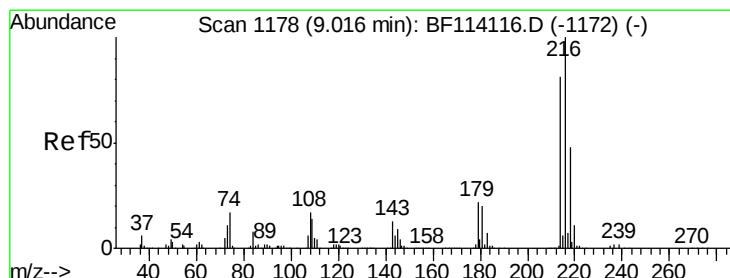
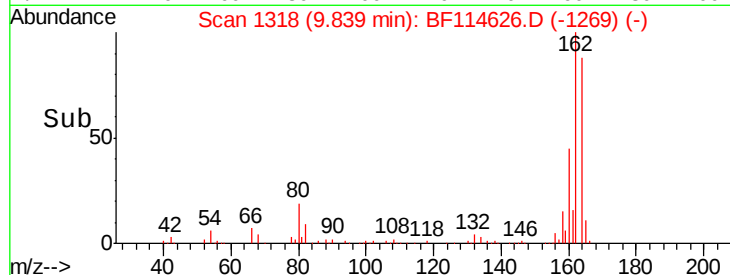
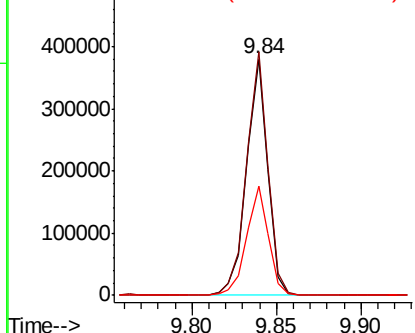


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.793 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.9	95.9
179	21.3	17.0	25.6
108	18.6	14.8	22.2

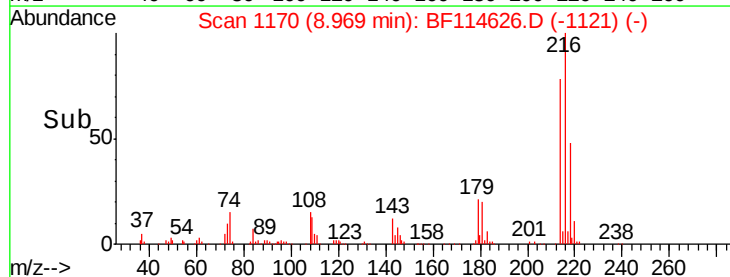
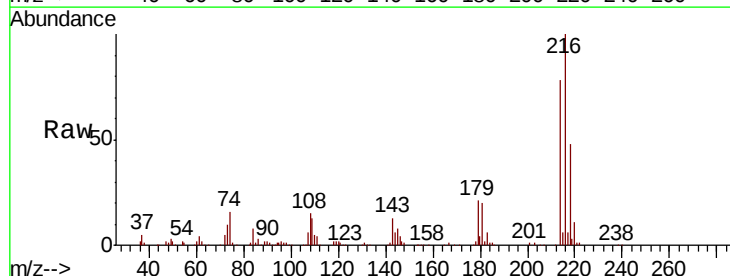
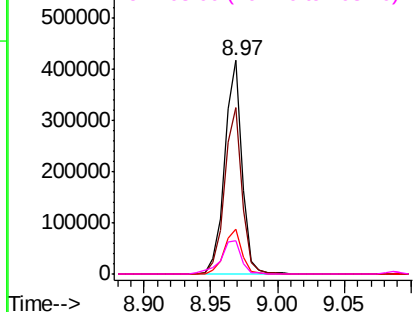
Abundance

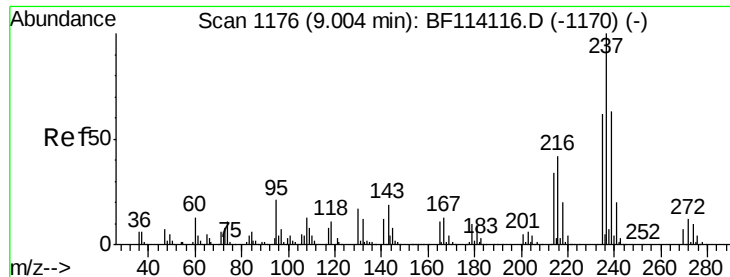
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 41.034 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampled :

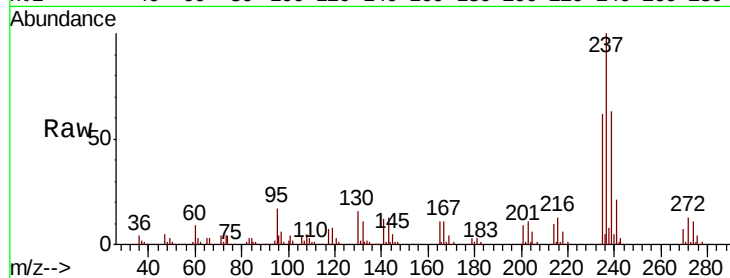
Tot Ion:237 Resp: 183255

Ion Ratio Lower Upper

237 100

235 62.2 42.0 82.0

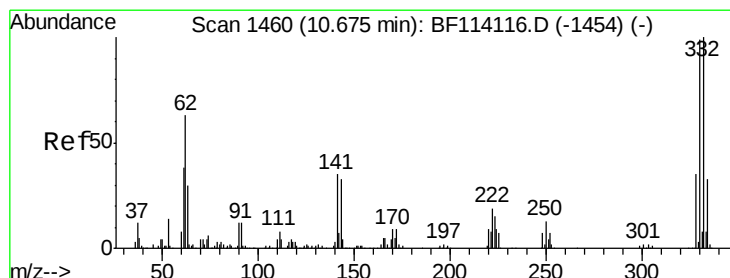
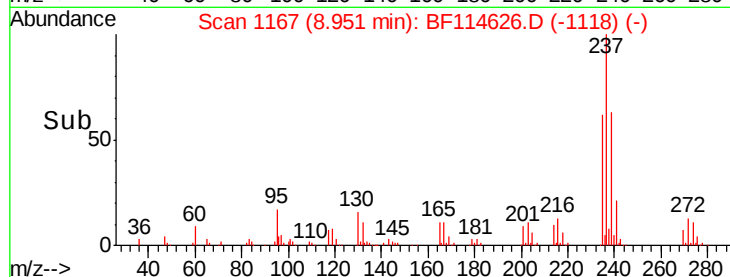
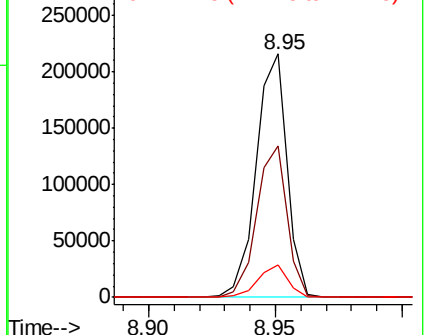
272 13.3 0.0 32.4



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: 99.908 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

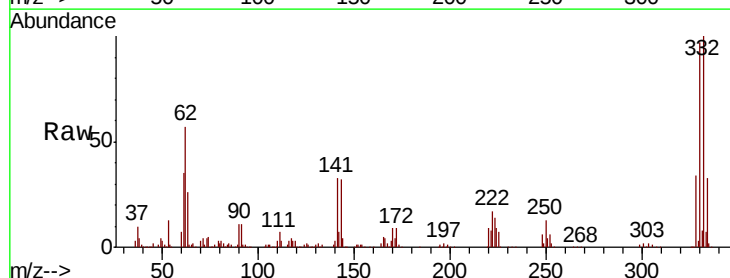
Tgt Ion:330 Resp: 345605

Ion Ratio Lower Upper

330 100

332 103.3 81.4 122.2

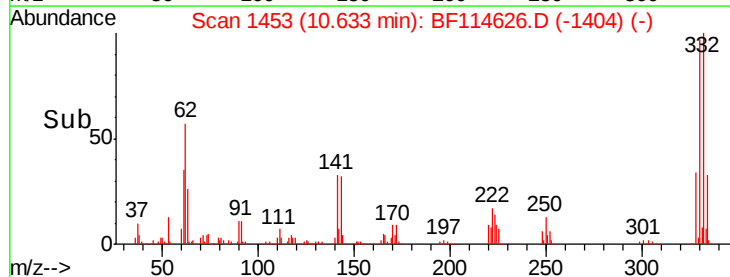
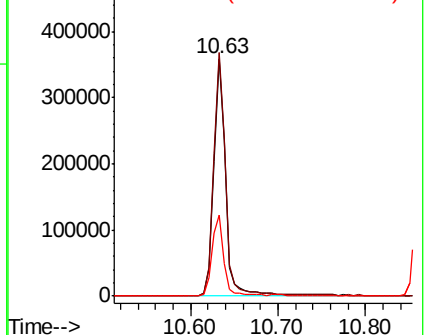
141 33.4 26.6 40.0

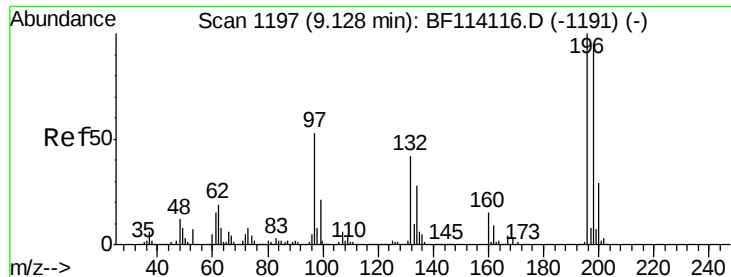


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

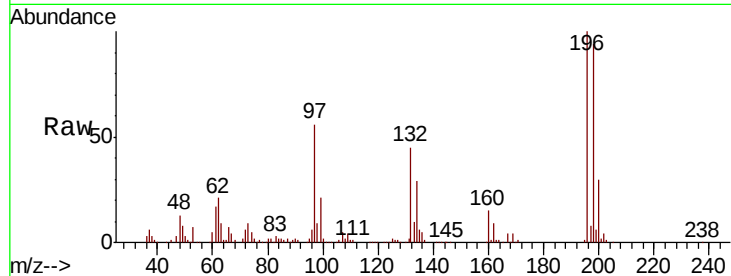




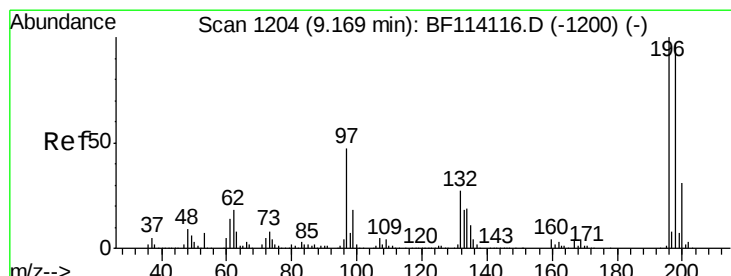
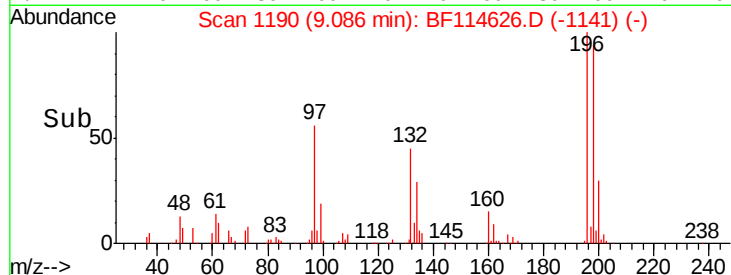
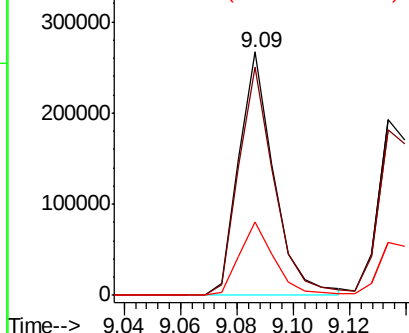
#43
 2,4,6-Trichlorophenol
 Concen: 32.955 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 229752
 Ion Ratio Lower Upper
 196 100
 198 93.6 75.9 113.9
 200 30.1 23.5 35.3



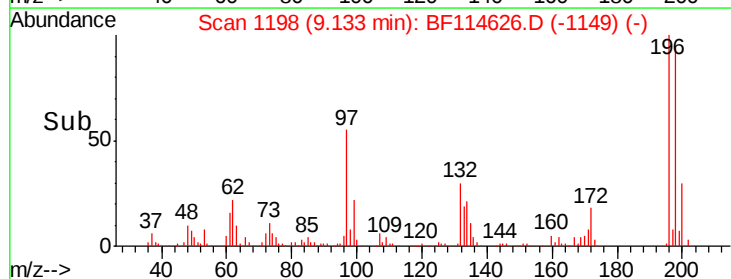
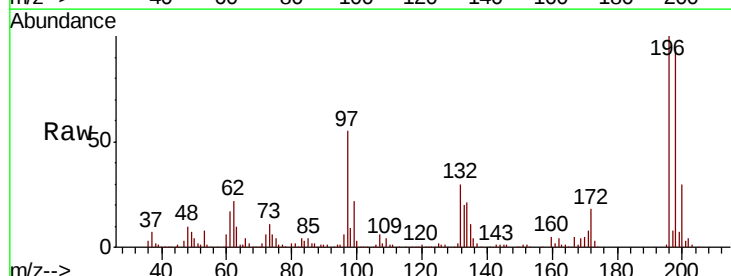
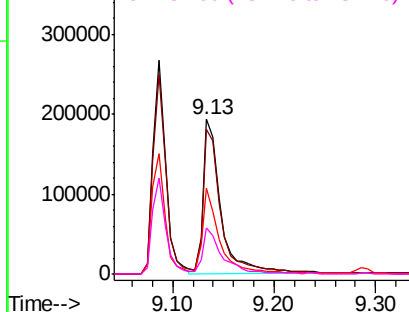
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

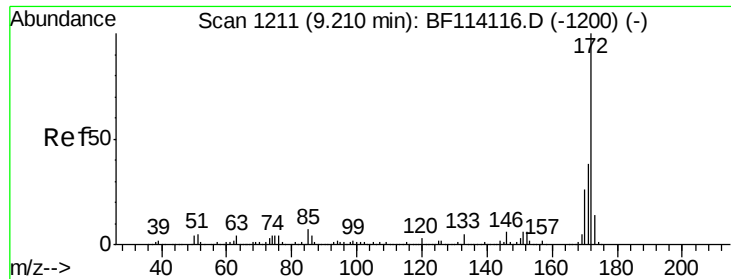


#44
 2,4,5-Trichlorophenol
 Concen: 32.830 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

Tgt Ion:196 Resp: 234727
 Ion Ratio Lower Upper
 196 100
 198 94.0 77.7 116.5
 97 55.4 38.2 57.2
 132 29.6 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



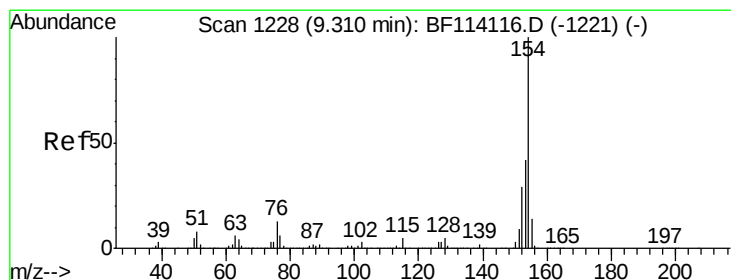
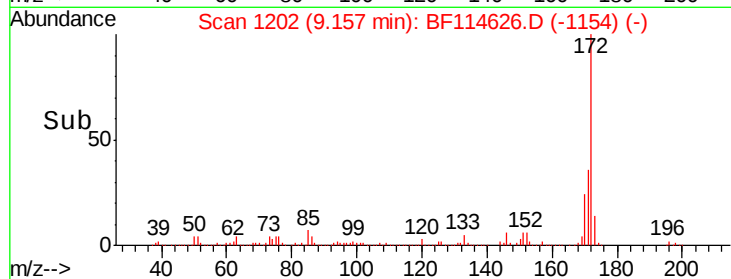
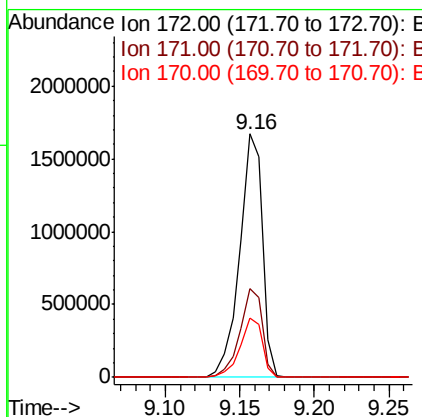
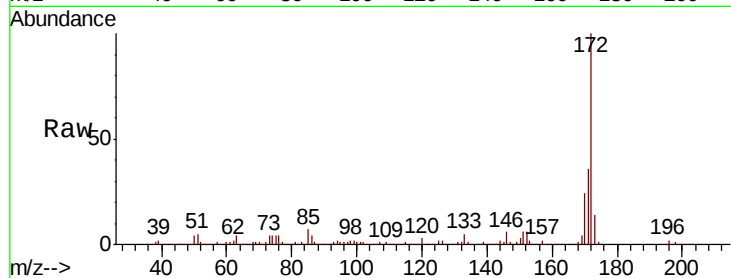


#45
 2-Fluorobiphenyl
 Concen: 80.296 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1776155

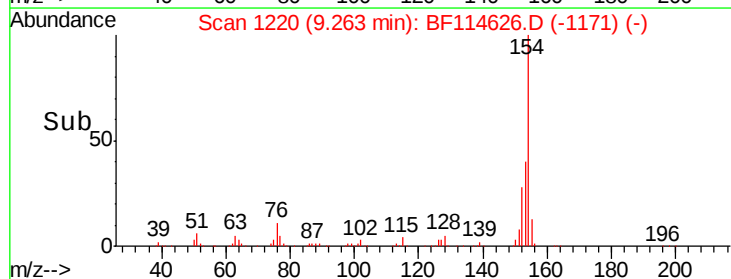
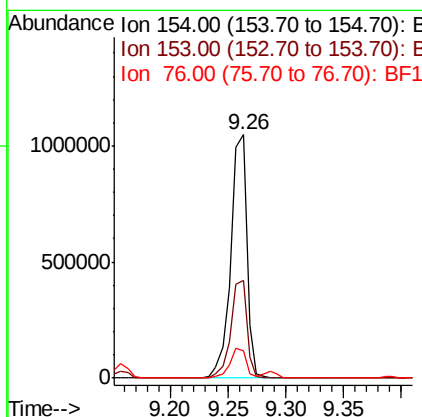
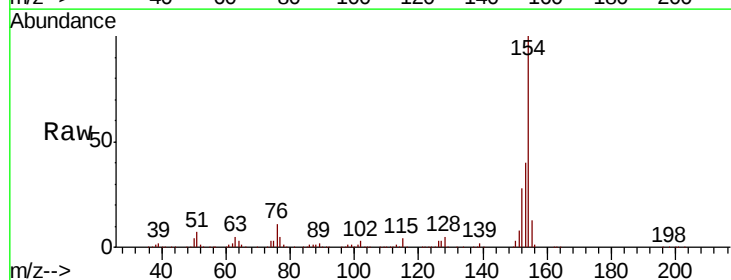
Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.7	46.1
170	24.3	20.5	30.7

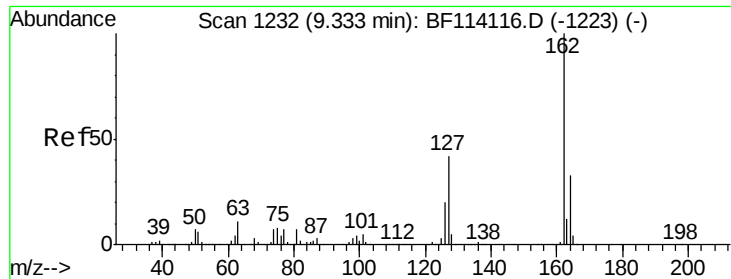


#46
 1,1'-Biphenyl
 Concen: 37.522 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

Tgt Ion:154 Resp: 1014270

Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.9	61.9
76	11.2	0.0	32.8

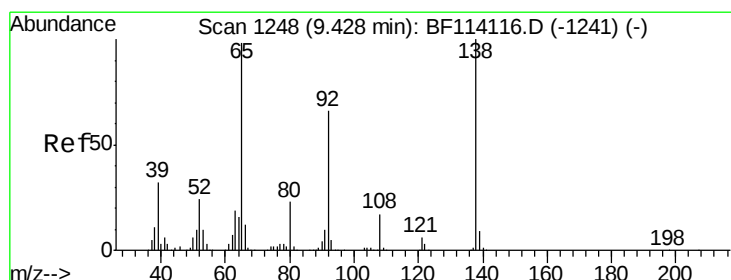
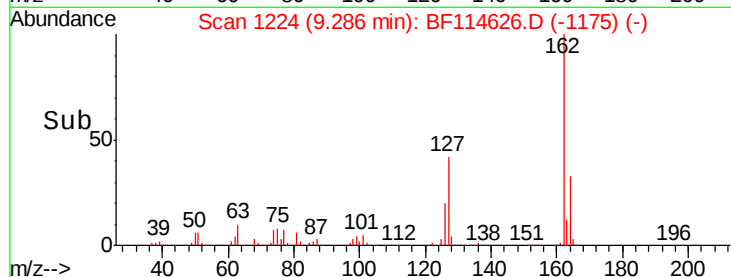
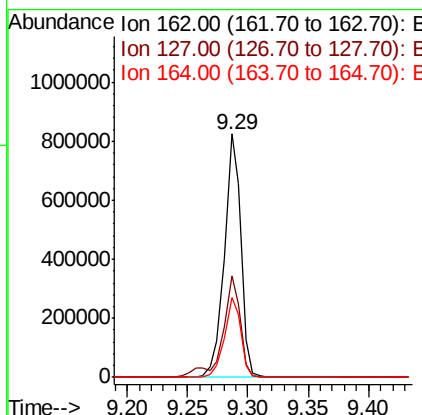
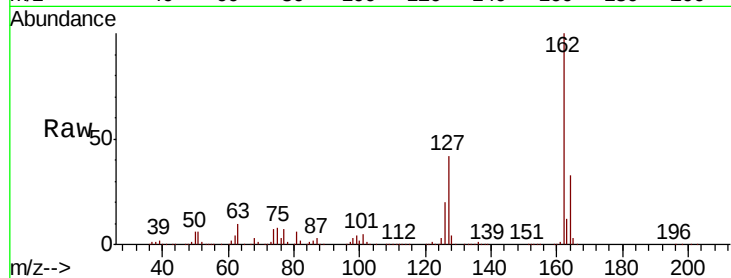




#47
 2-Chloronaphthalene
 Concen: 35.771 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

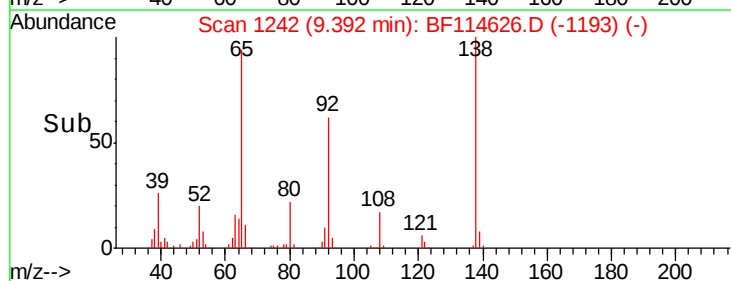
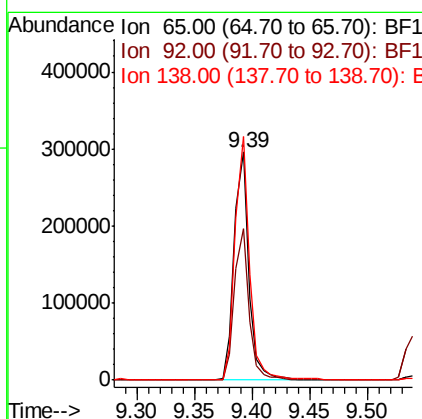
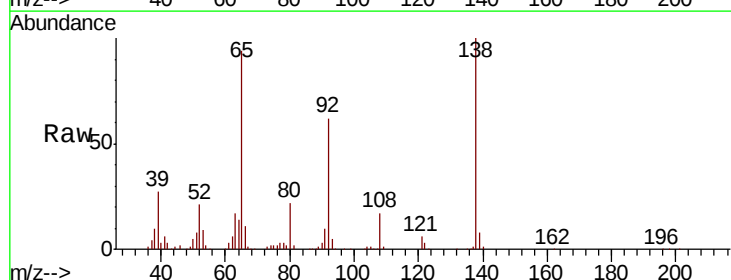
Instrument :
 BNA_F
 ClientSampled :

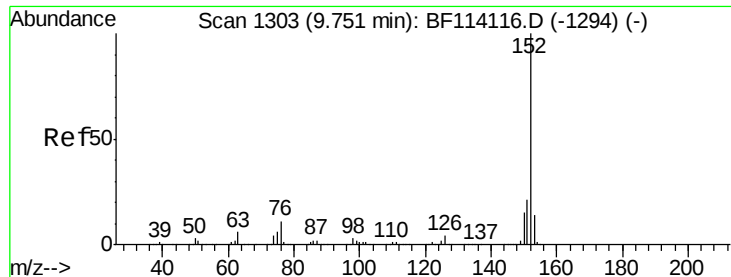
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	34.0	51.0
164	32.8	26.7	40.1



#48
 2-Nitroaniline
 Concen: 34.101 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.6	53.9	80.9
138	106.8	81.4	122.0





#49

Acenaphthylene

Concen: 36.409 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampleId :

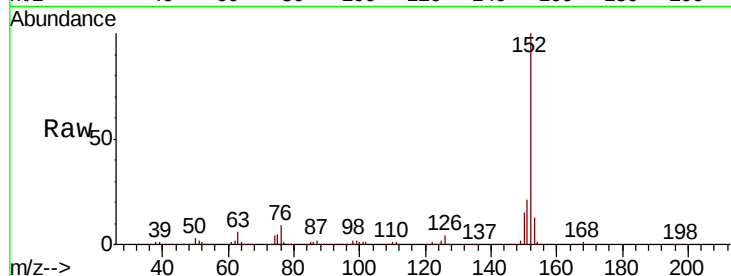
Tot Ion:152 Resp: 1204680

Ion Ratio Lower Upper

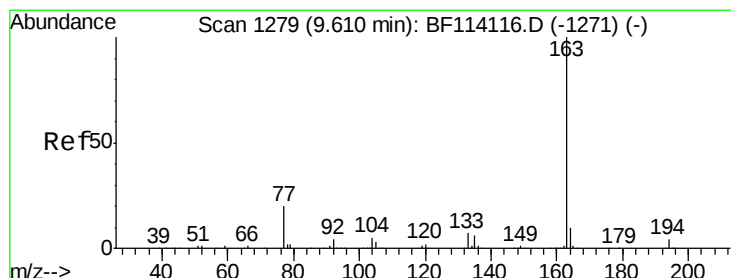
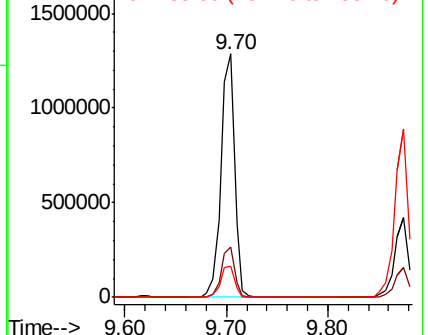
152 100

151 20.7 16.8 25.2

153 13.0 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: 35.114 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

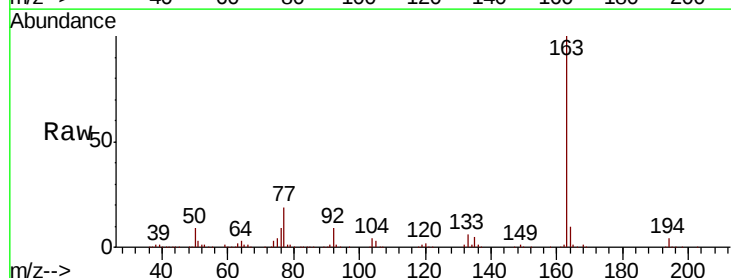
Tgt Ion:163 Resp: 862499

Ion Ratio Lower Upper

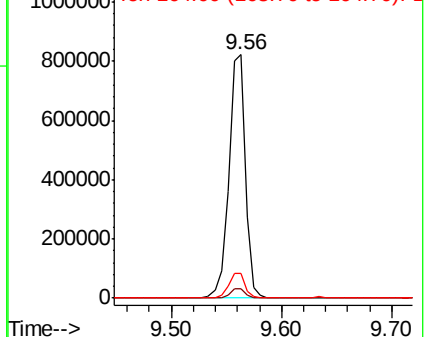
163 100

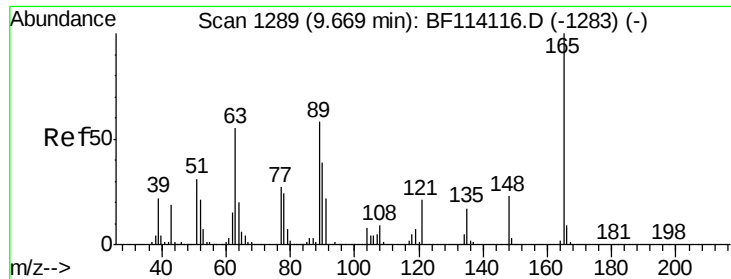
194 4.0 3.4 5.0

164 9.9 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: 36.069 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampled :

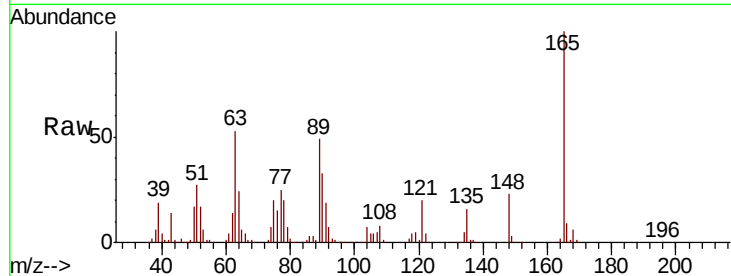
Tot Ion:165 Resp: 196509

Ion Ratio Lower Upper

165 100

63 52.7 50.2 75.4

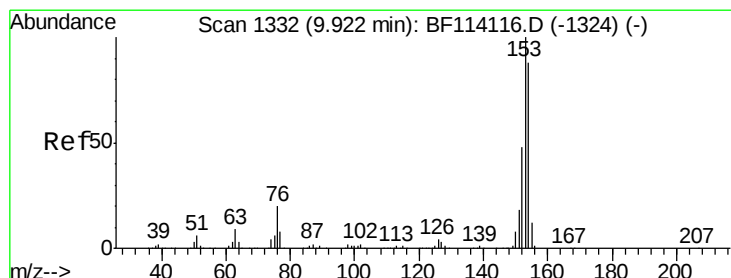
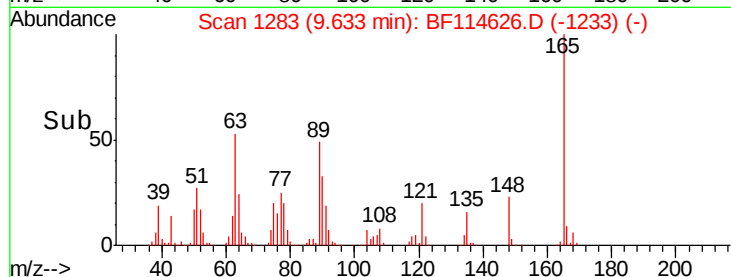
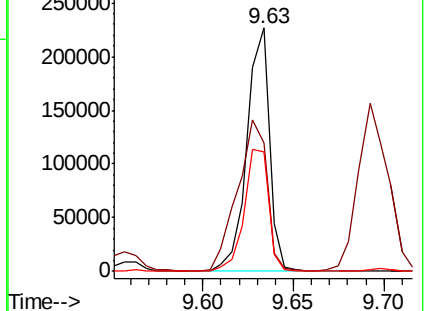
89 49.0 46.6 69.8



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: 35.487 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

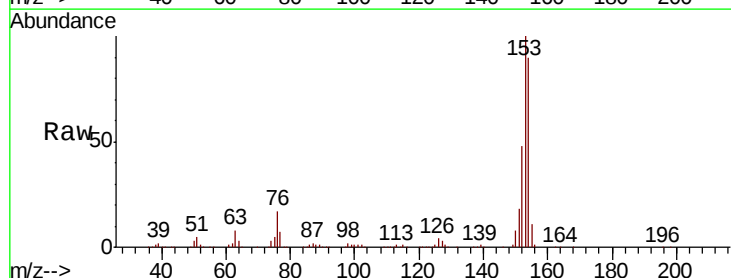
Tgt Ion:154 Resp: 720518

Ion Ratio Lower Upper

154 100

153 110.9 90.5 135.7

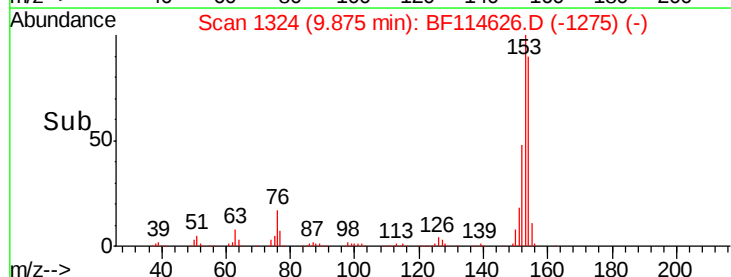
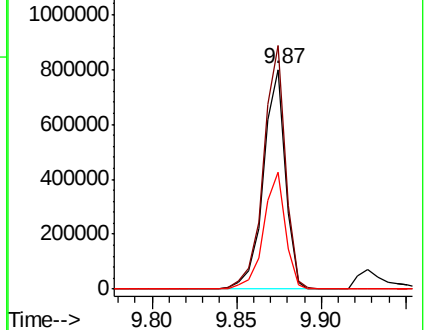
152 53.0 43.4 65.2



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

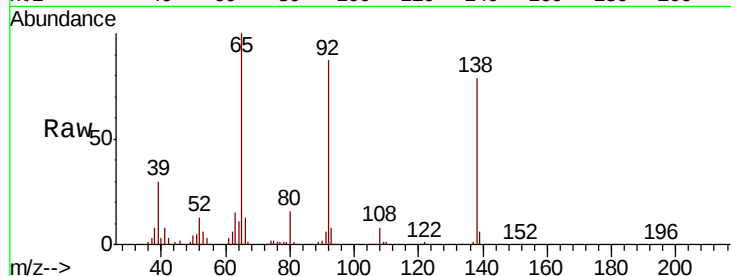




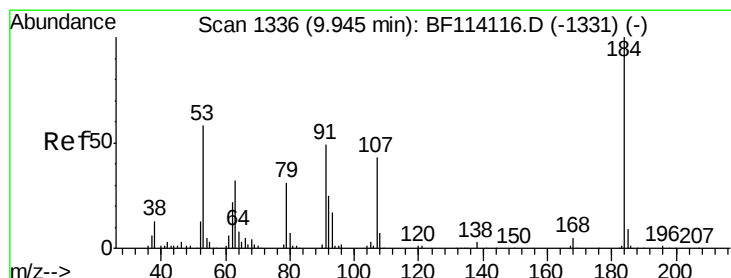
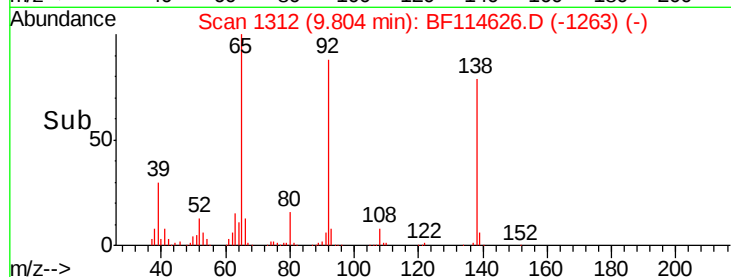
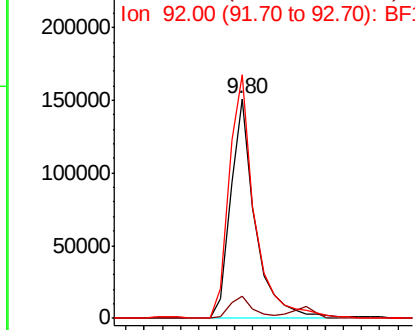
#53
3-Nitroaniline
Concen: 21.032 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 142236
Ion Ratio Lower Upper
138 100
108 10.2 7.8 11.6
92 111.0 91.2 136.8

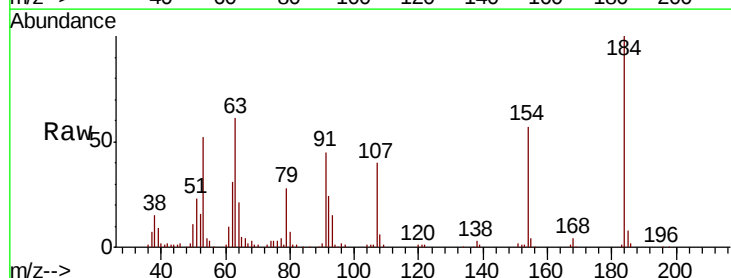


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

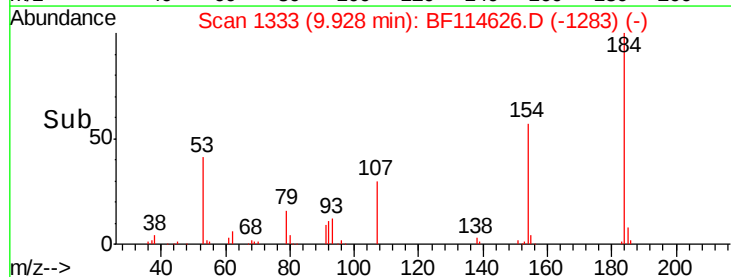
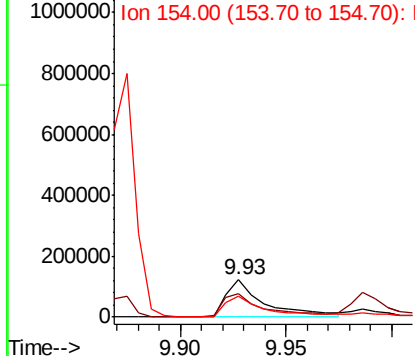


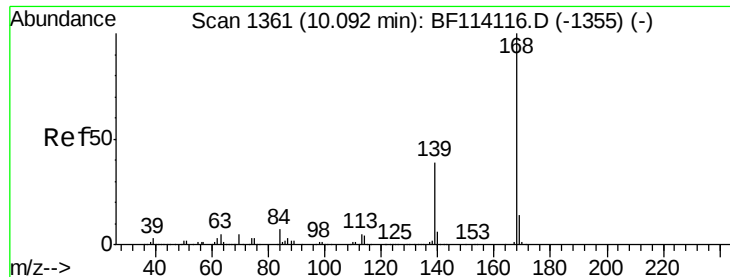
#54
2,4-Dinitrophenol
Concen: 58.458 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion:184 Resp: 154711
Ion Ratio Lower Upper
184 100
63 61.1 55.6 83.4
154 56.7 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: 34.626 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampleId :

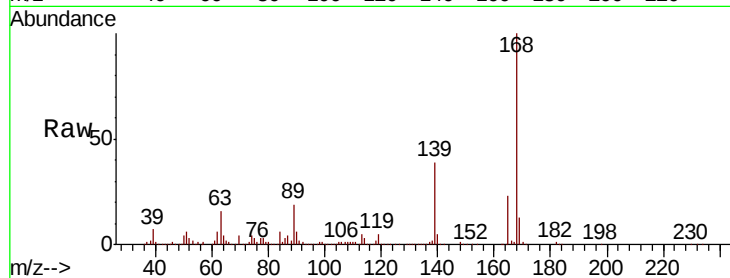
Tot Ion:168 Resp: 1030908

Ion Ratio Lower Upper

168 100

139 39.0 31.1 46.7

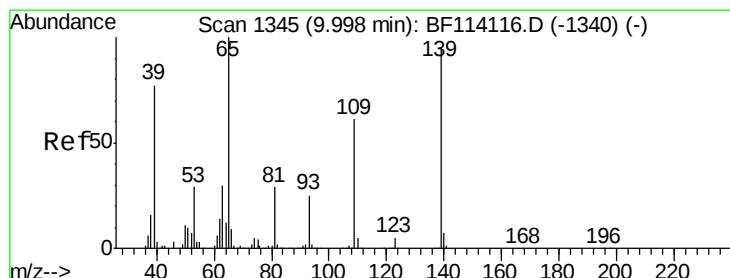
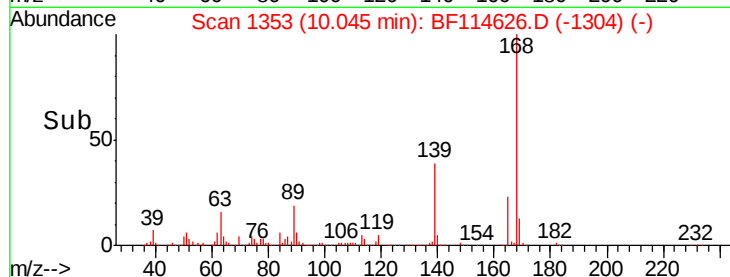
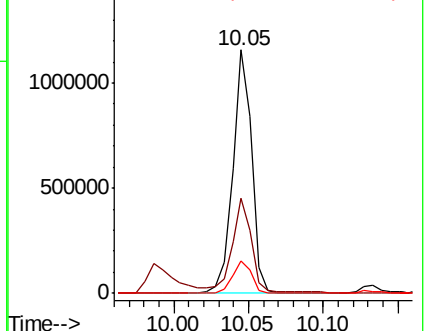
169 13.5 11.4 17.0



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: 39.091 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

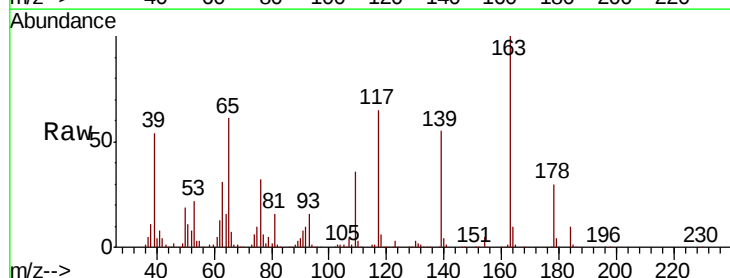
Tgt Ion:139 Resp: 186962

Ion Ratio Lower Upper

139 100

109 64.6 43.9 83.9

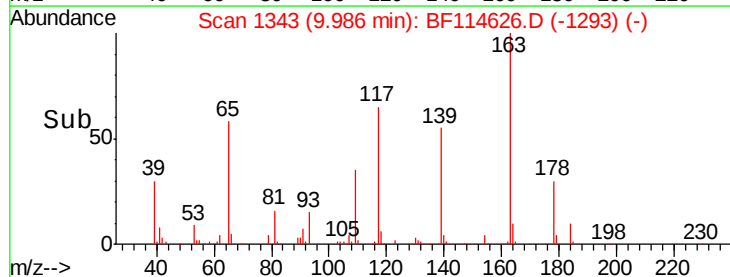
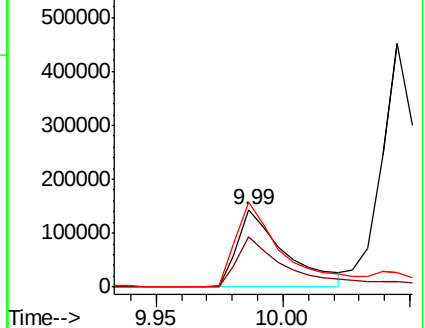
65 110.1 85.7 125.7

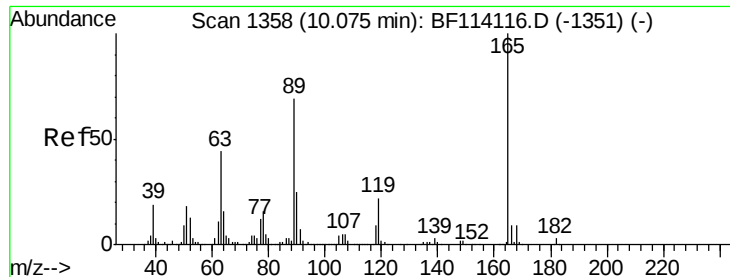


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 32.386 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 239485

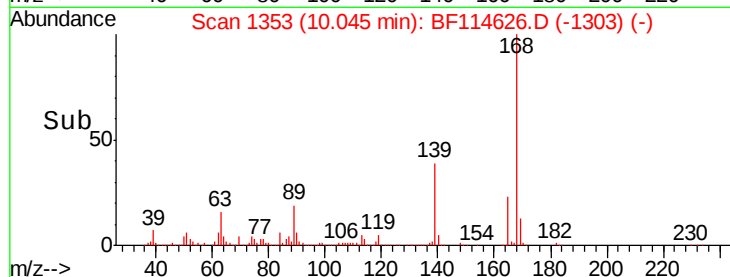
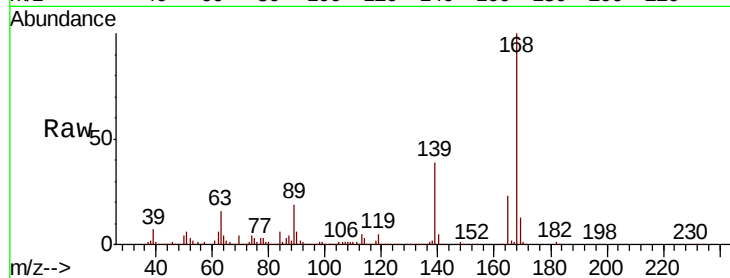
Ion Ratio Lower Upper

165 100

63 68.4 35.5 53.3#

89 80.3 55.2 82.8

182 2.7 2.2 3.2

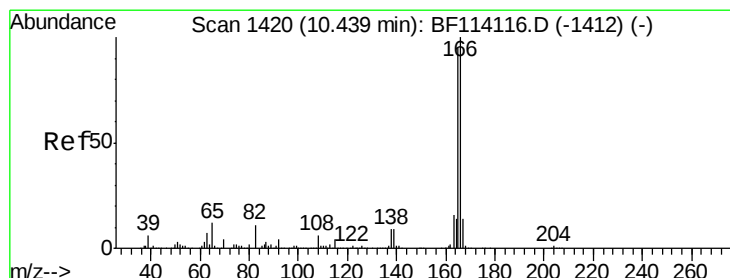
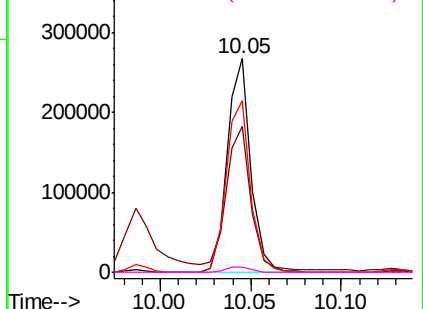


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 36.750 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

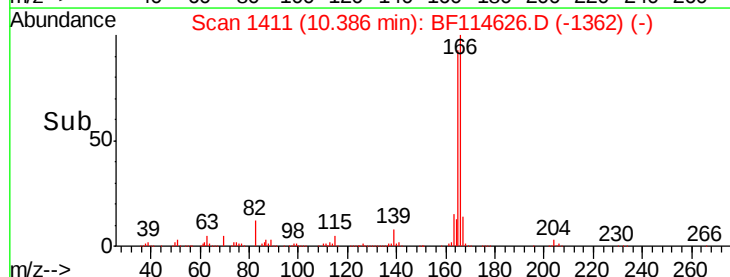
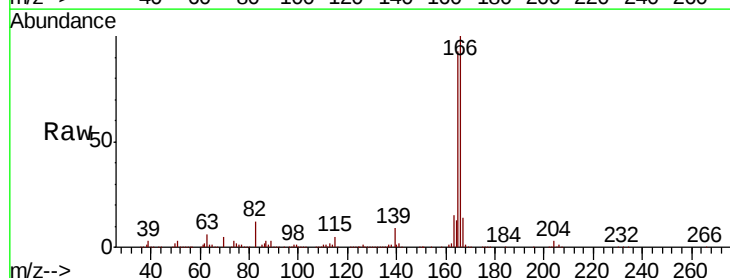
Tgt Ion:166 Resp: 845139

Ion Ratio Lower Upper

166 100

165 93.1 76.1 114.1

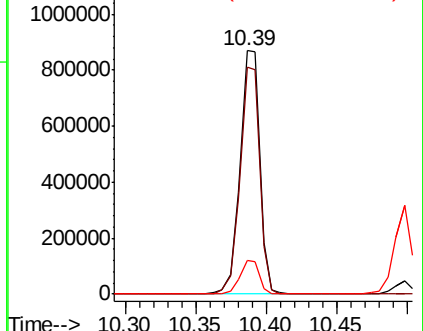
167 13.7 11.1 16.7

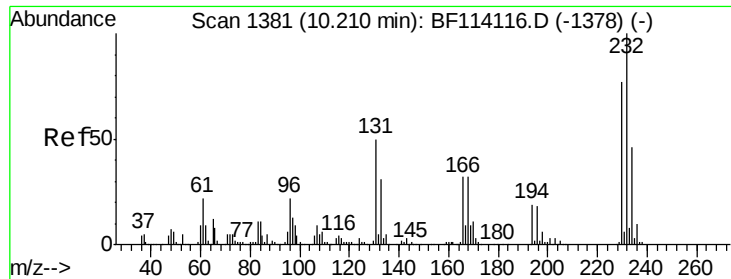


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

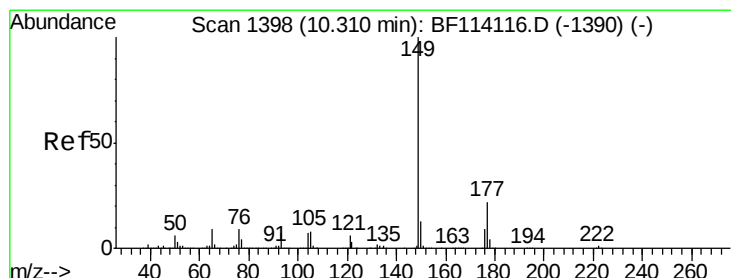
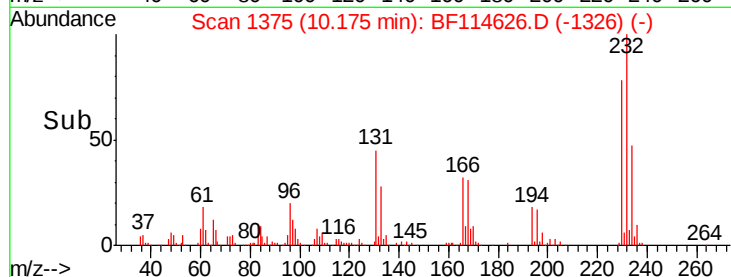
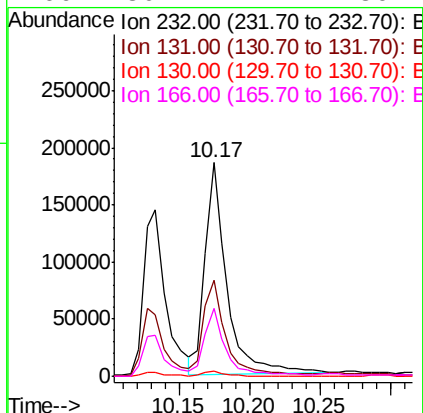
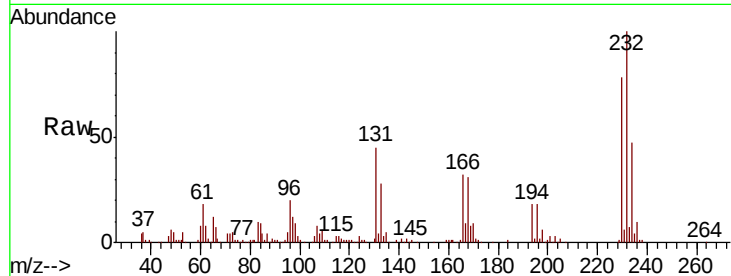




#59
2,3,4,6-Tetrachlorophenol
Concen: 31.919 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

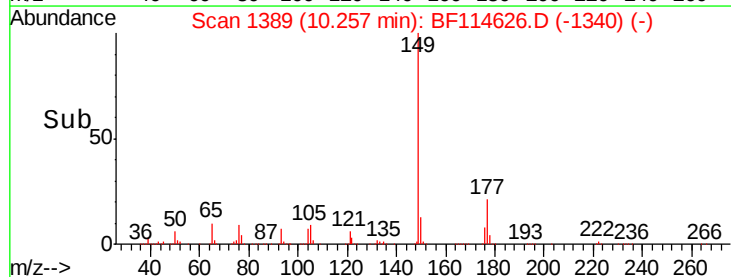
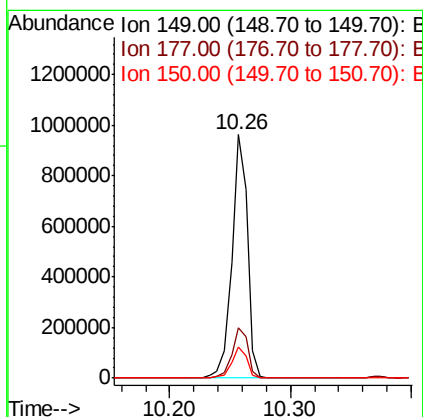
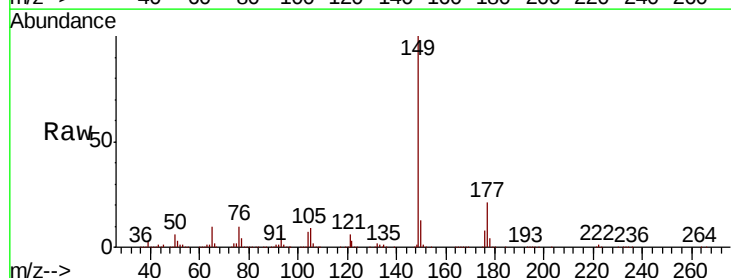
Instrument :
BNA_F
ClientSampled :

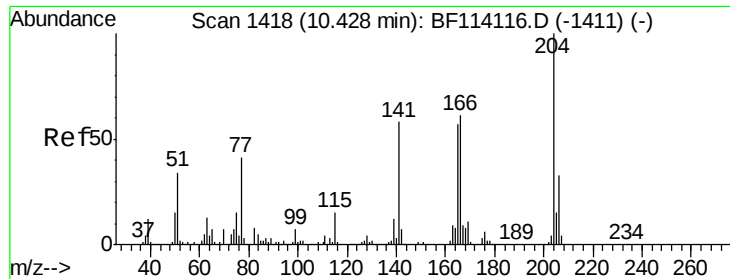
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.4	35.6	53.4
130	2.5	1.6	2.4
166	30.1	24.1	36.1



#60
Diethylphthalate
Concen: 34.494 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.7	17.8	26.6
150	12.7	10.2	15.2

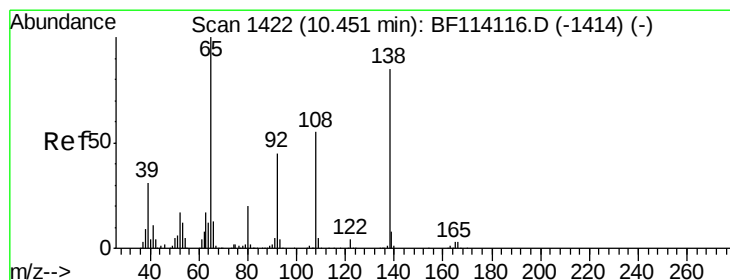
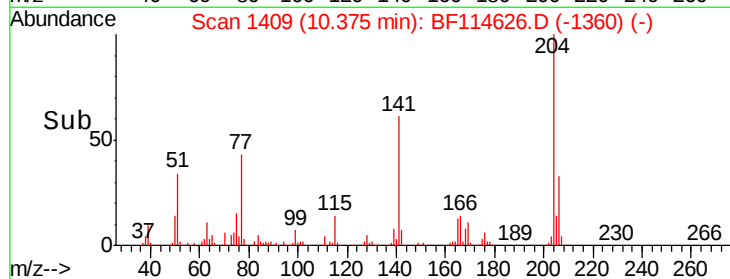
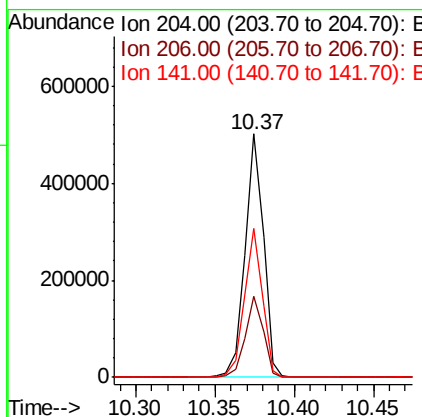
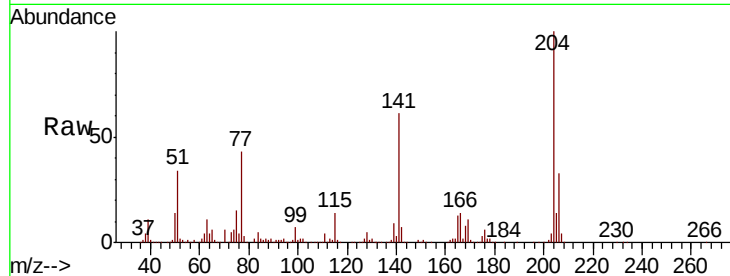




#61
4-Chlorophenyl-phenylether
Concen: 35.614 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

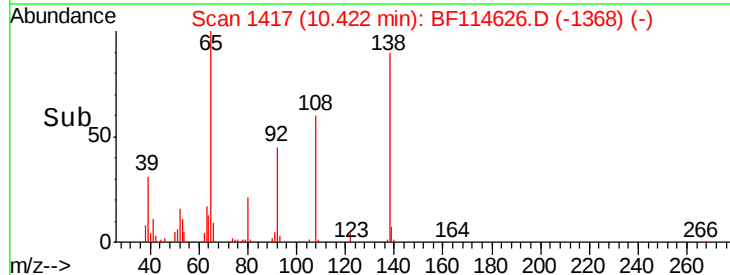
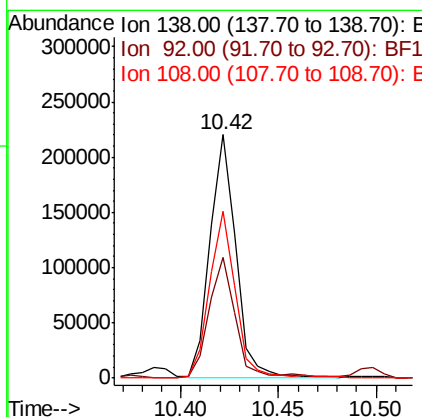
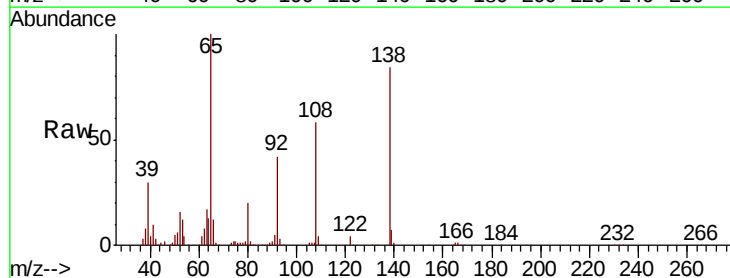
Instrument :
BNA_F
ClientSampleId :

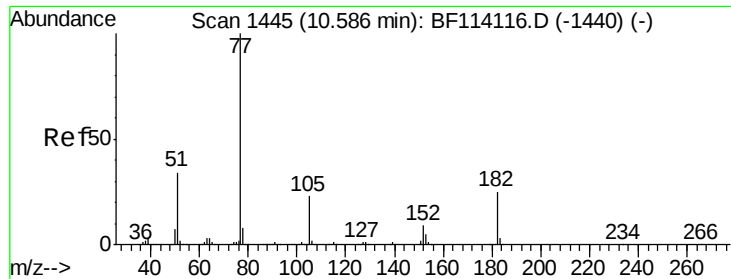
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	61.2	46.4	69.6



#62
4-Nitroaniline
Concen: 28.518 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	33.0	73.0
108	68.4	44.9	84.9





#63

Azobenzene

Concen: 34.475 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 832841

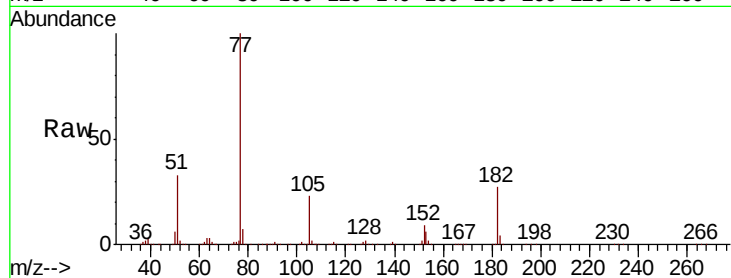
Ion Ratio Lower Upper

77 100

182 26.9 4.7 44.7

105 23.5 2.9 42.9

51 32.7 14.6 54.6

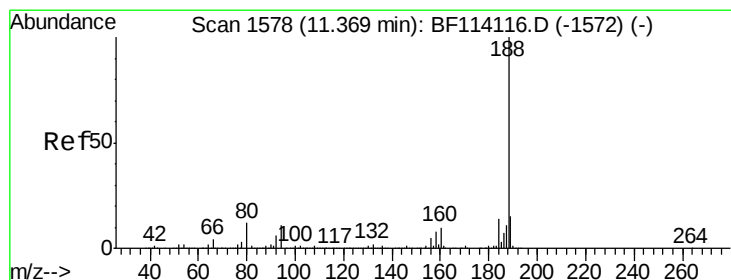
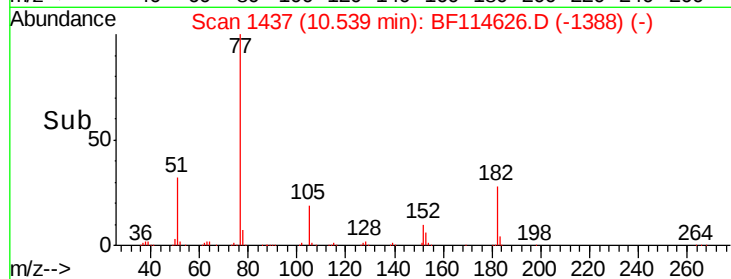
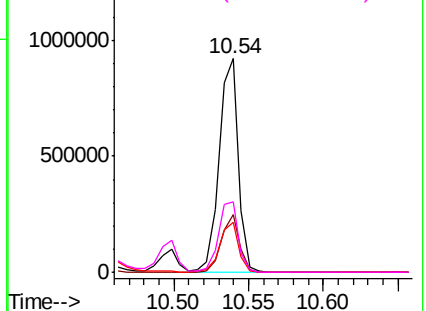


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF114626.D

Acq: 26 May 2019 2:48

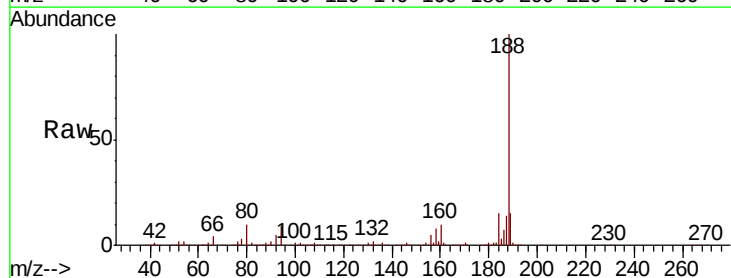
Tgt Ion: 188 Resp: 640365

Ion Ratio Lower Upper

188 100

94 9.1 8.4 12.6

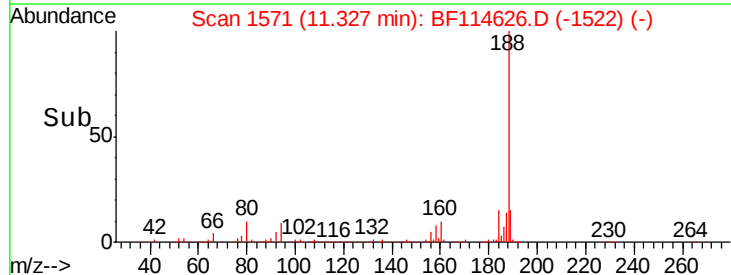
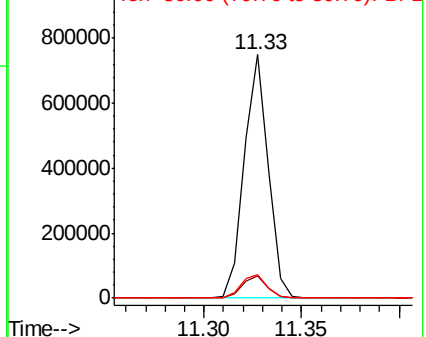
80 9.6 9.2 13.8

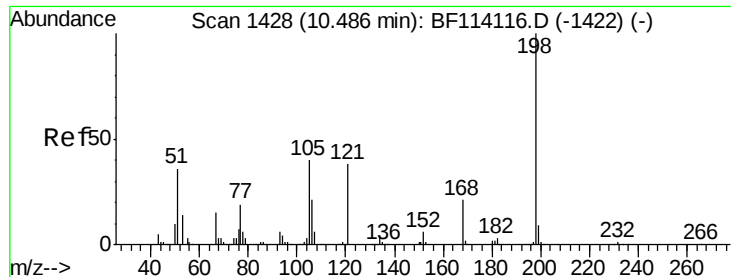


Abundance Ion 188.00 (187.70 to 188.70): E

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: 36.463 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

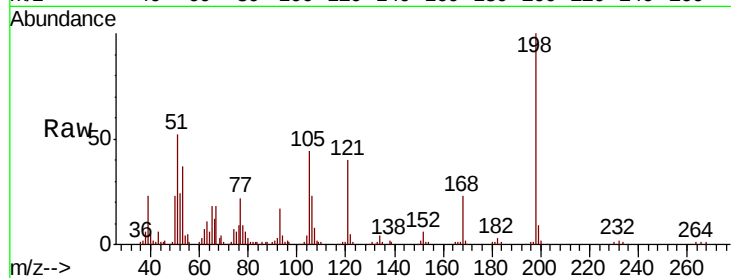
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 112199

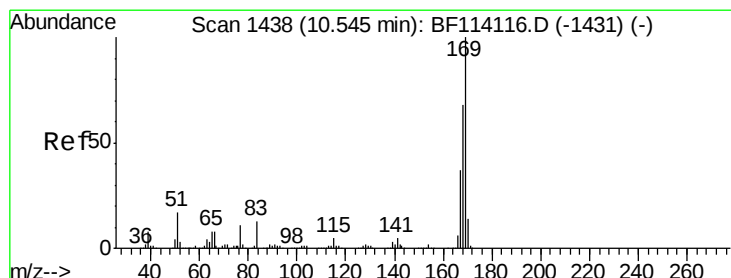
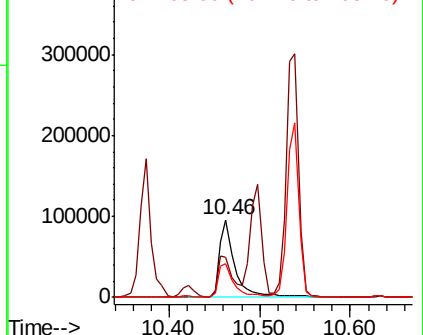
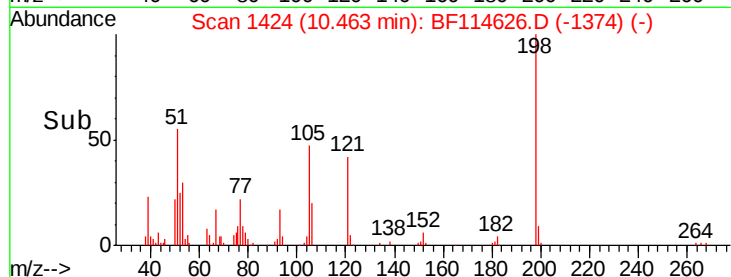
Ion	Ratio	Lower	Upper
198	100		
51	52.2	28.0	68.0
105	44.0	21.1	61.1



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: 38.069 ng

RT: 10.50 min Scan# 1430

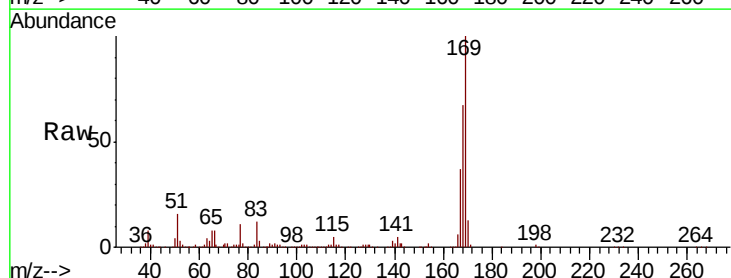
Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Tgt Ion:169 Resp: 739880

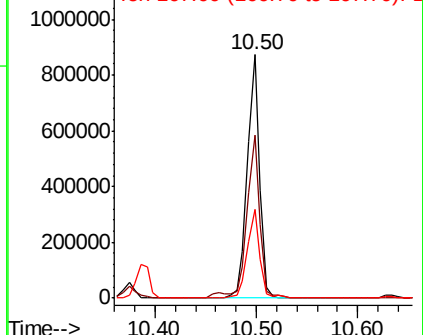
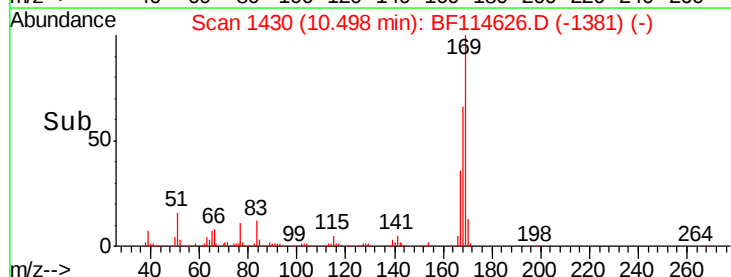
Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.2	81.2
167	36.5	29.8	44.8

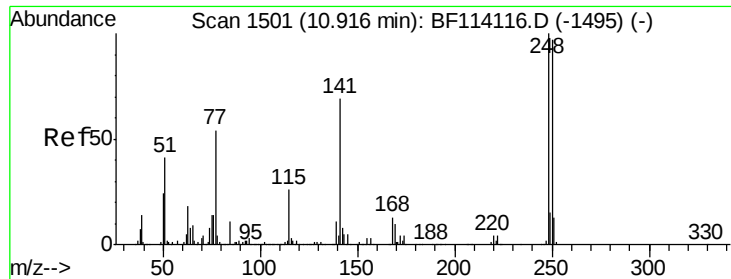


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

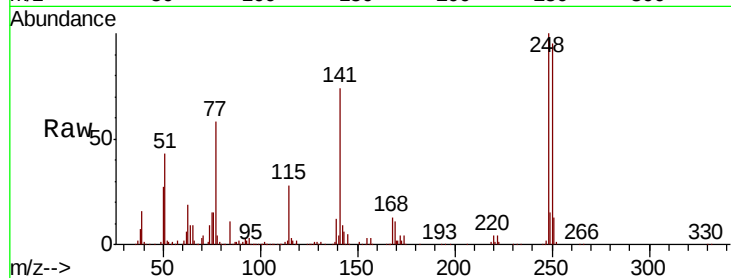




#67
4-Bromophenyl-phenylether
Concen: 35.585 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.0	77.4	116.2
141	73.6	55.6	83.4

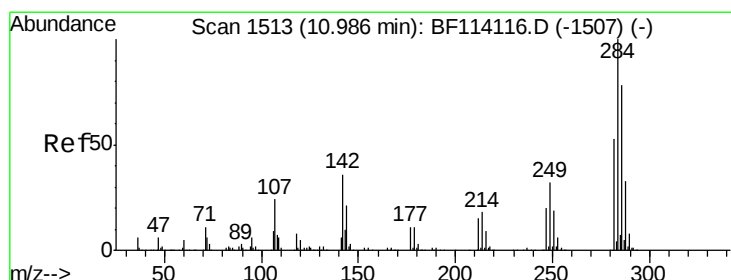
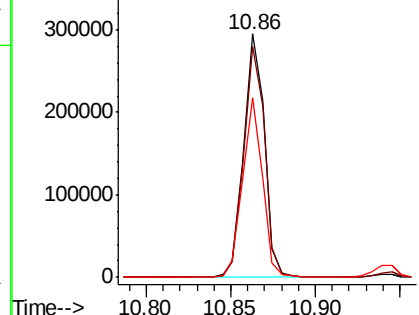
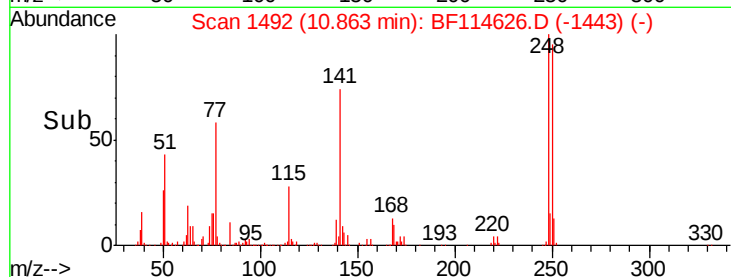


Abundance

Ion 248.00 (247.70 to 248.70): E

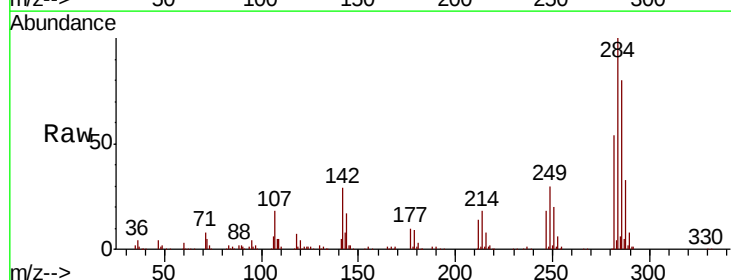
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 34.450 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	28.4	42.6
249	30.0	25.2	37.8

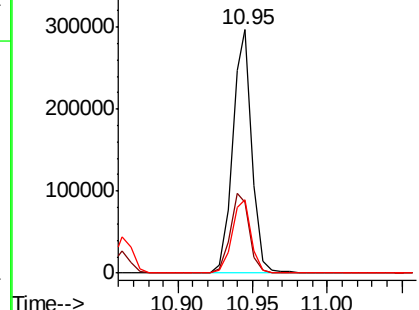
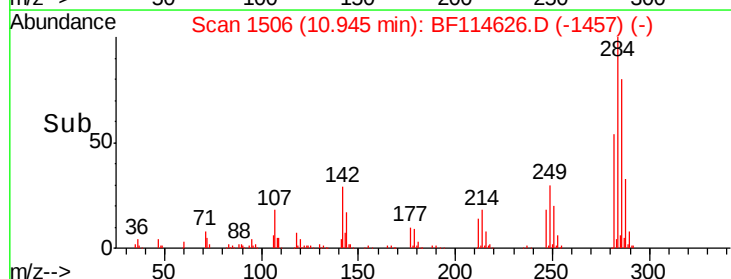


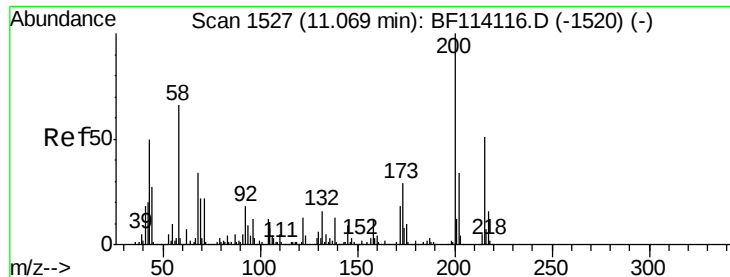
Abundance

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

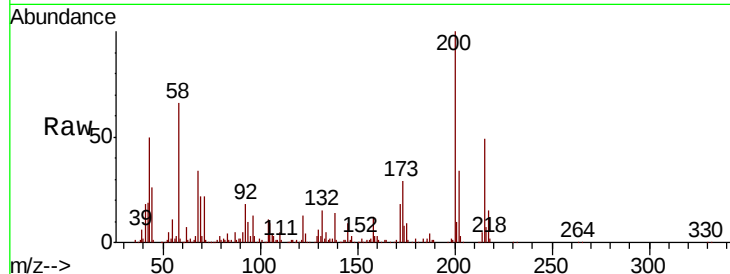




#69
Atrazine
Concen: 35.798 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.02 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.1	8.9	48.9
215	48.9	30.7	70.7

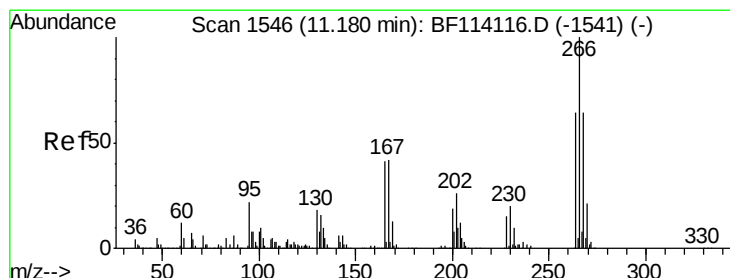
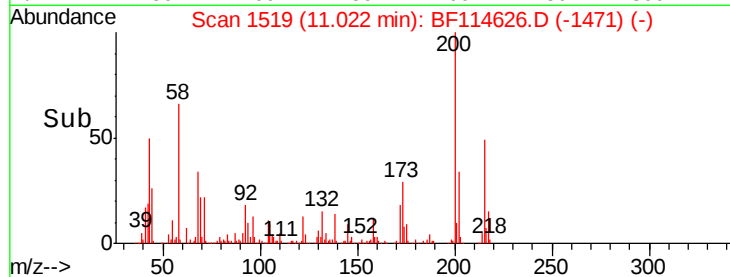
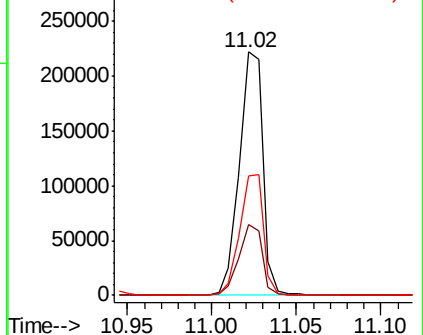


Abundance

Ion 200.00 (199.70 to 200.70): E

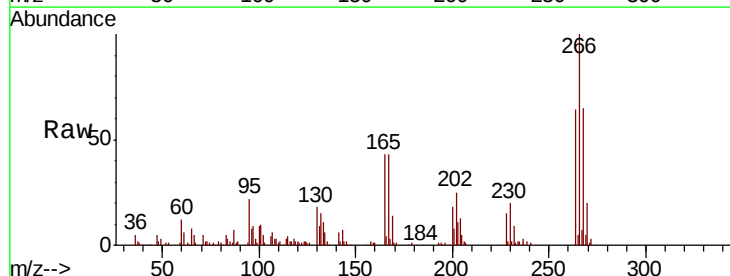
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 42.508 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	51.1	76.7
264	63.5	51.1	76.7

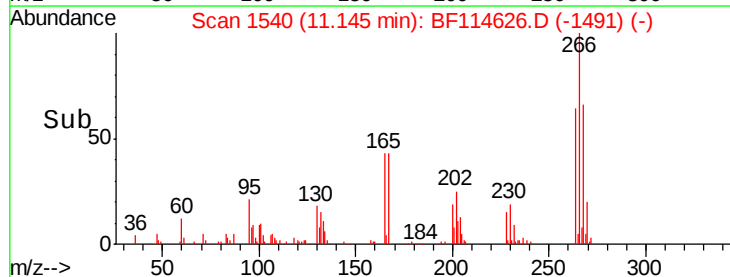
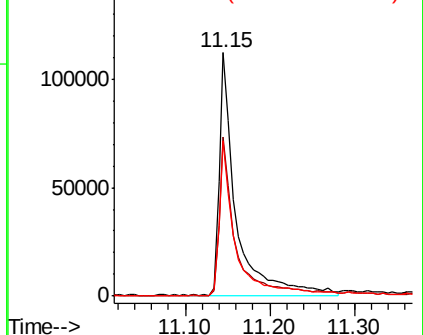


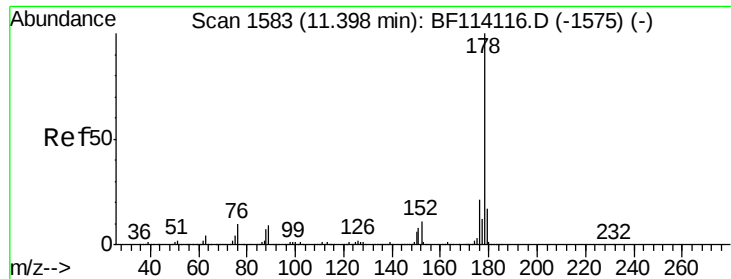
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.444 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampleId :

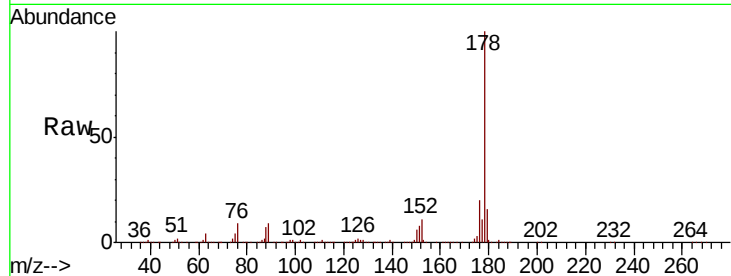
Tot Ion:178 Resp: 1166539

Ion Ratio Lower Upper

178 100

176 20.0 16.4 24.6

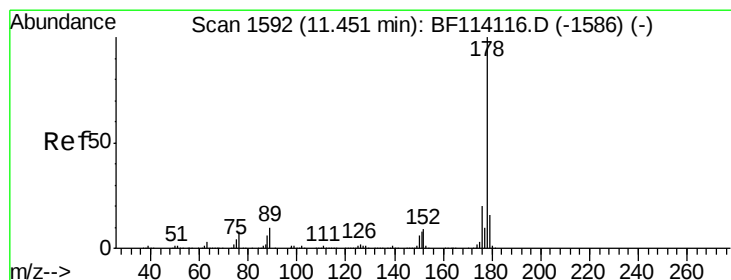
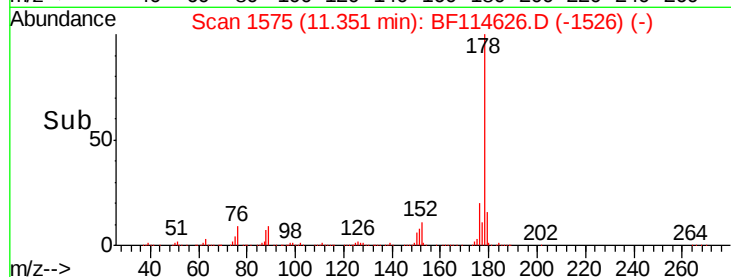
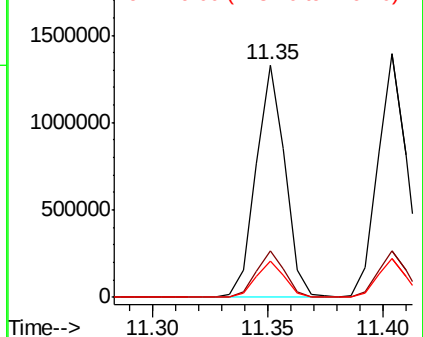
179 15.7 13.2 19.8



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: 39.025 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

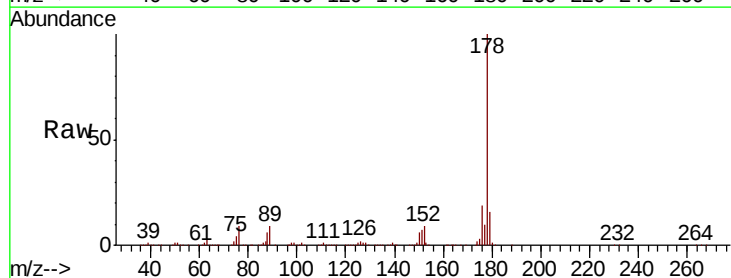
Tgt Ion:178 Resp: 1221185

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

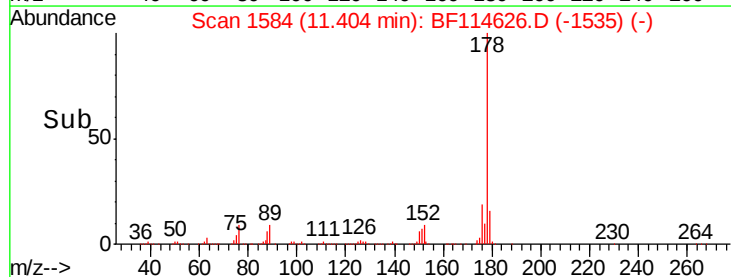
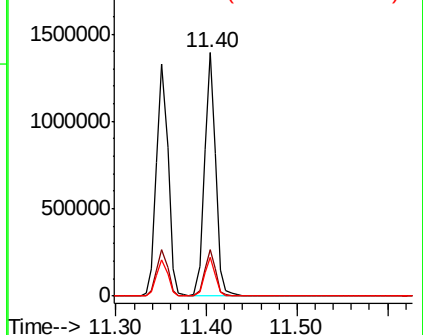
179 15.7 13.0 19.4

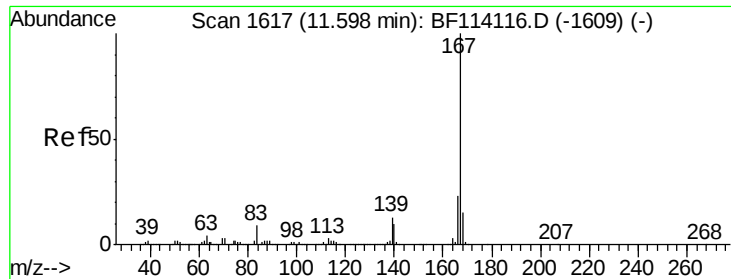


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.310 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampleId :

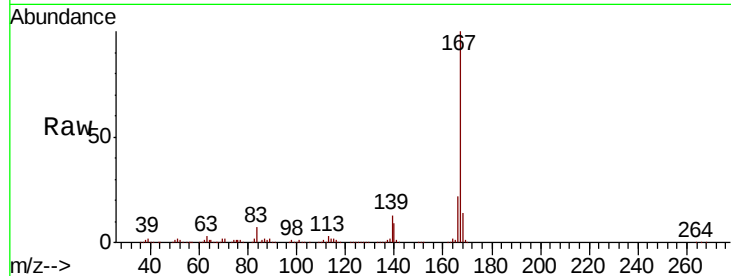
Tot Ion:167 Resp: 1143175

Ion Ratio Lower Upper

167 100

166 21.8 18.2 27.2

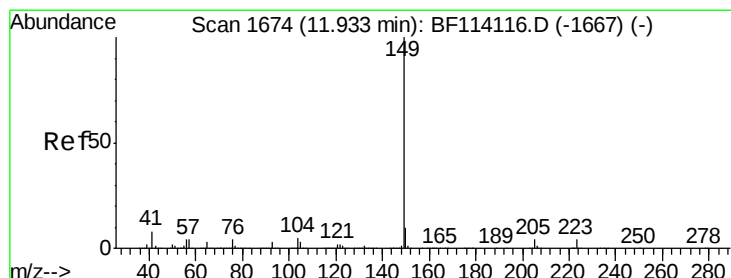
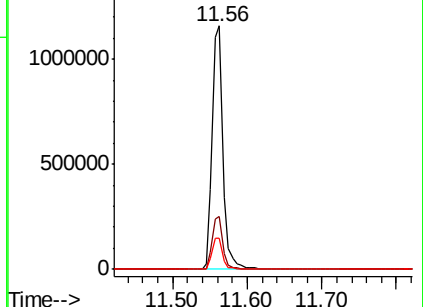
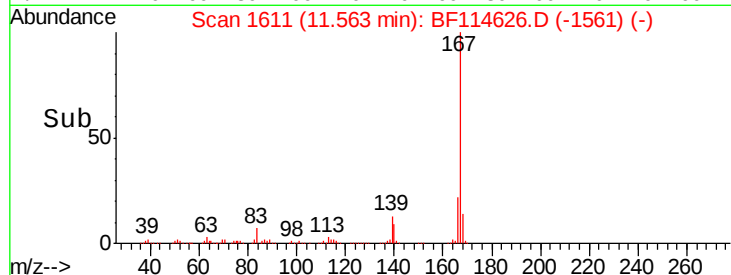
139 12.5 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.021 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

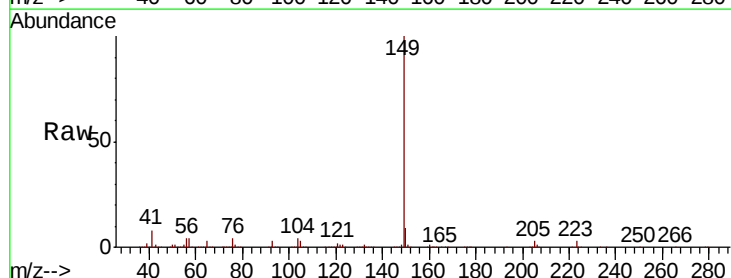
Tgt Ion:149 Resp: 1307073

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

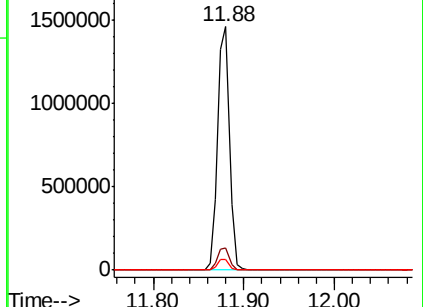
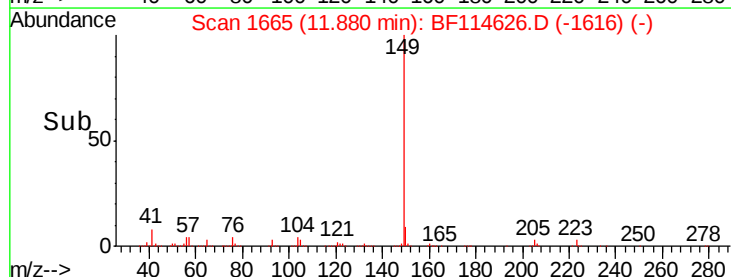
104 4.3 3.6 5.4

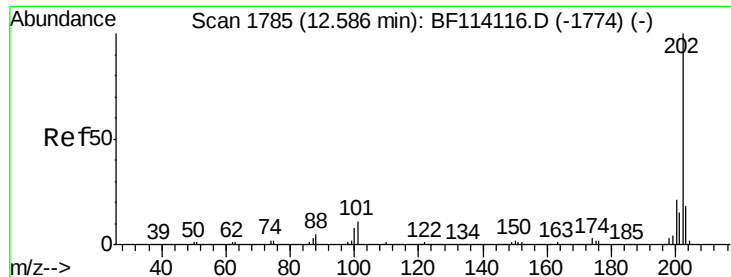


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

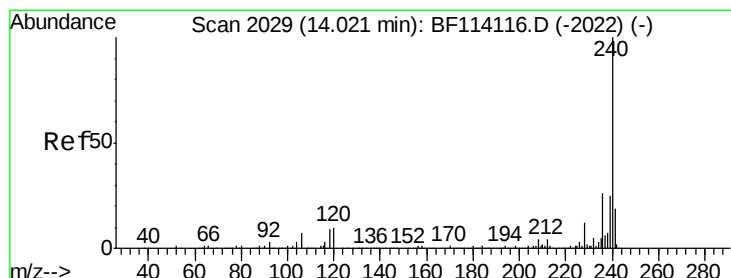
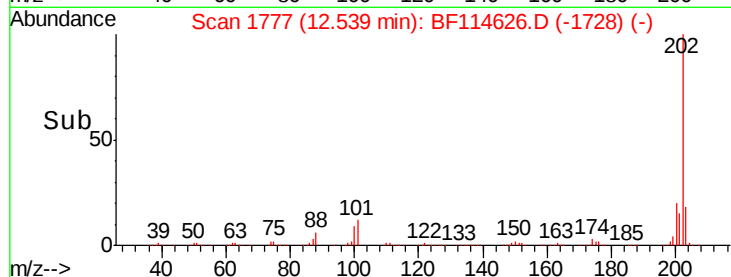
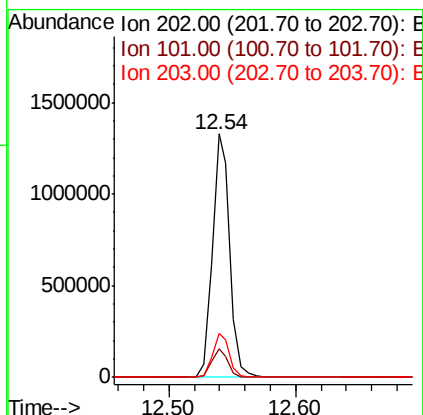
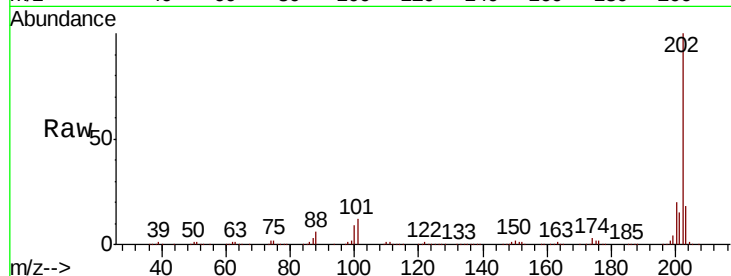




#75
Fluoranthene
Concen: 37.934 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

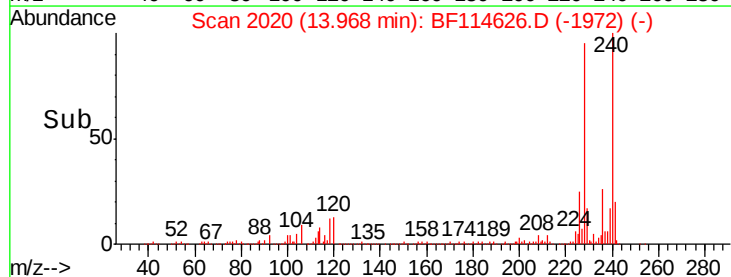
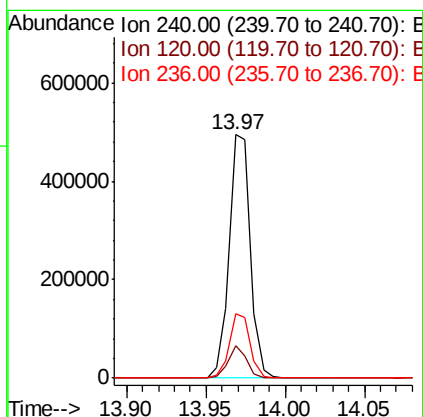
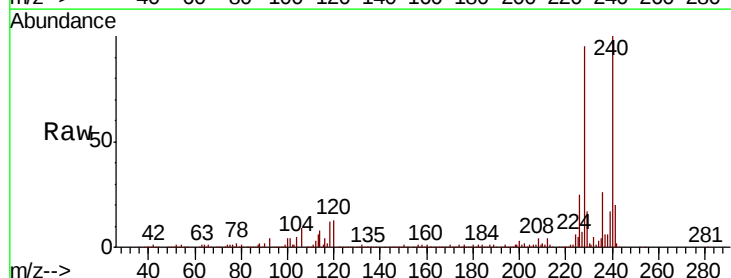
Instrument :
BNA_F
ClientSampleId :

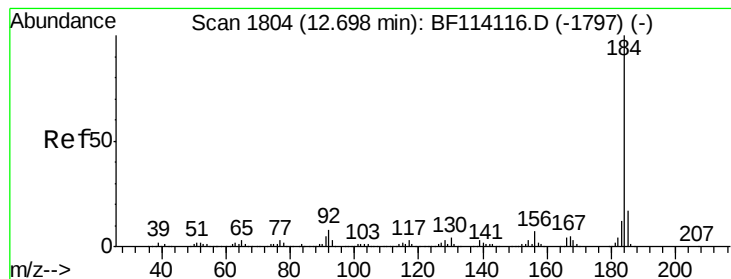
Tot Ion:202 Resp: 1272680
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.0
203 17.8 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion:240 Resp: 457569
Ion Ratio Lower Upper
240 100
120 13.1 8.3 12.5#
236 26.3 20.8 31.2





#77

Benzidine

Concen: 29.828 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampleId :

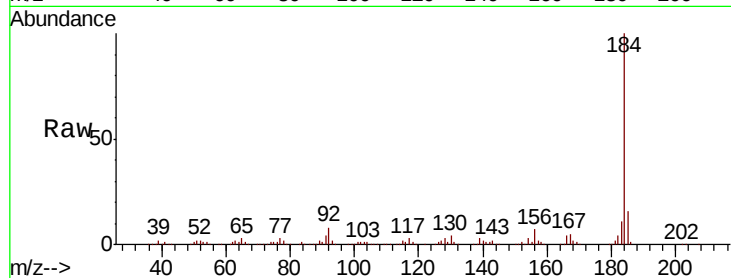
Tot Ion:184 Resp: 612647

Ion	Ratio	Lower	Upper
184	100		
185	15.7	13.6	20.4
183	10.7	9.2	13.8

184 100

185 15.7 13.6 20.4

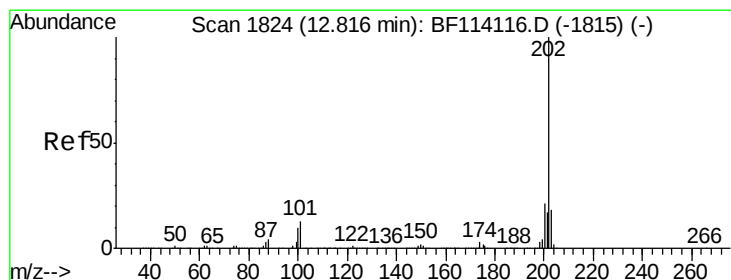
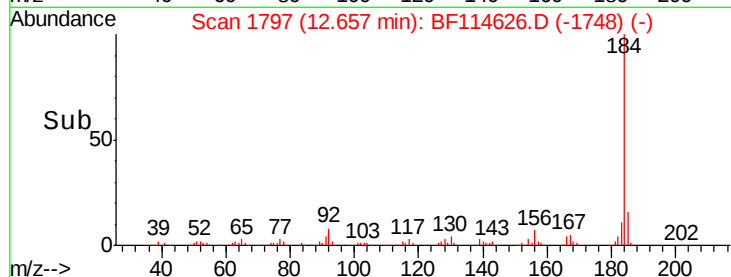
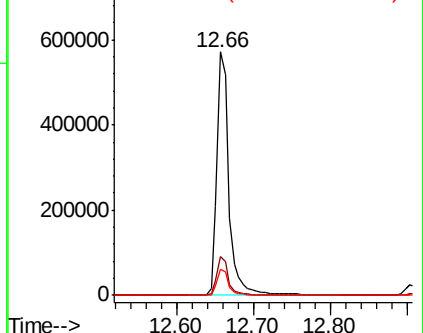
183 10.7 9.2 13.8



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: 34.755 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

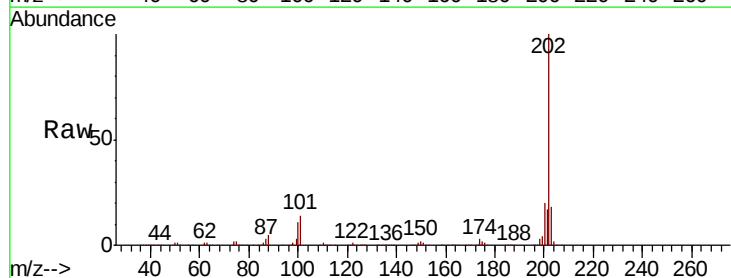
Tgt Ion:202 Resp: 1279312

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.9	25.3
203	17.8	14.5	21.7

202 100

200 20.3 16.9 25.3

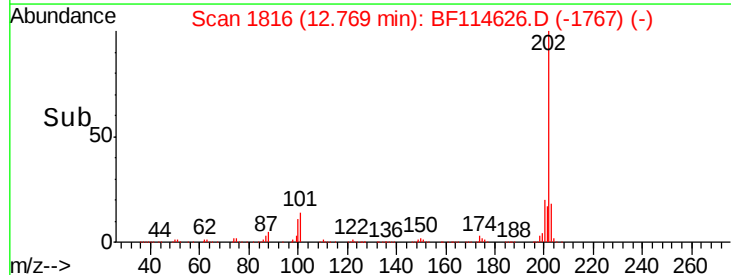
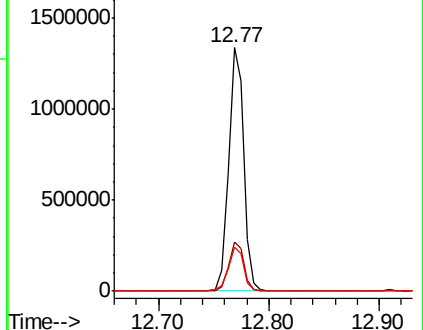
203 17.8 14.5 21.7



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: 79.542 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampleId :

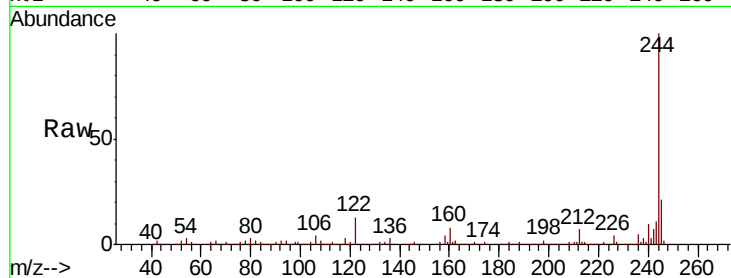
Tot Ion:244 Resp: 1765571

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

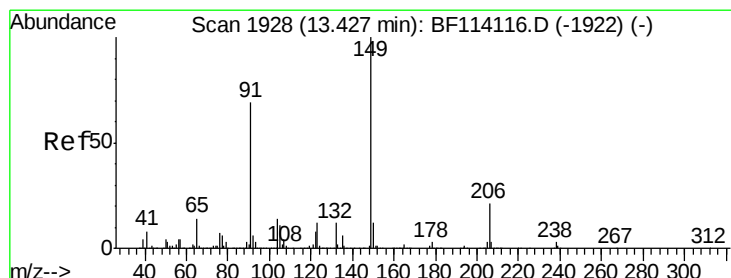
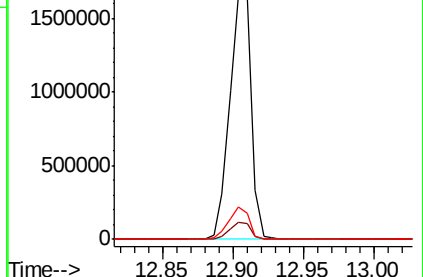
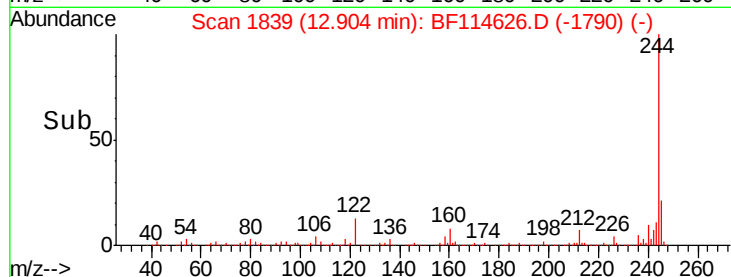
122 13.2 9.4 14.2



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: 36.707 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

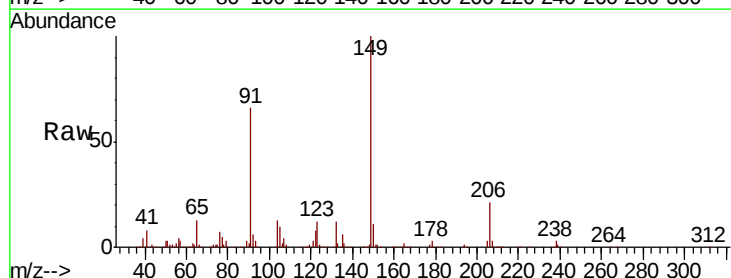
Tgt Ion:149 Resp: 568713

Ion Ratio Lower Upper

149 100

91 66.2 55.0 82.4

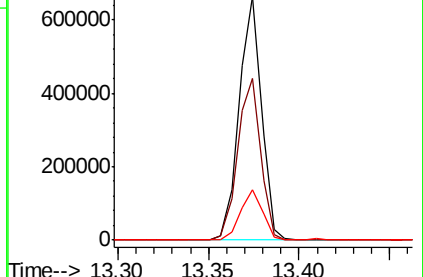
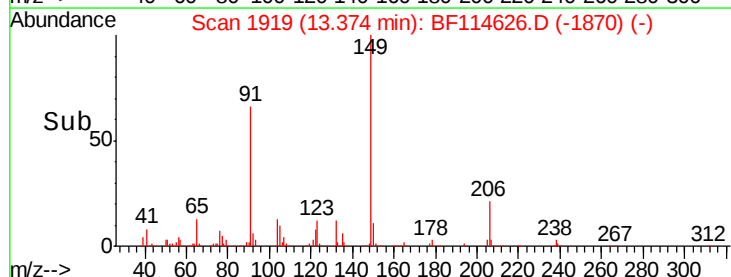
206 20.6 16.9 25.3

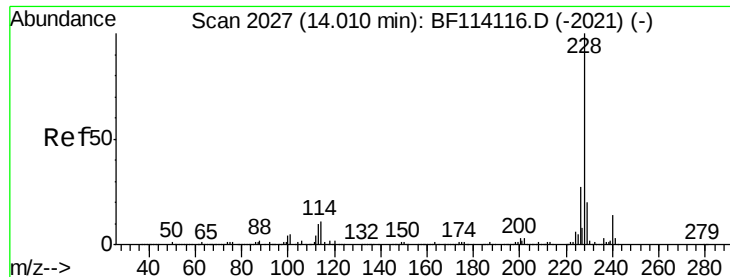


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.428 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampleId :

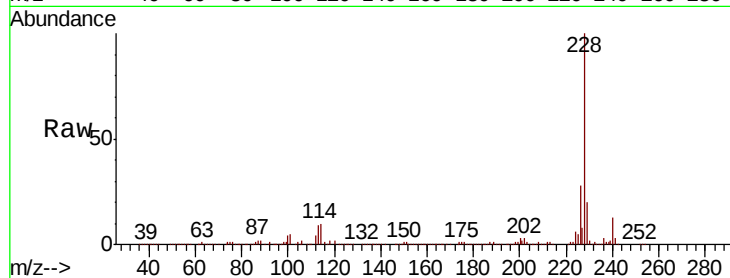
Tot Ion:228 Resp: 1078093

Ion Ratio Lower Upper

228 100

226 28.0 22.2 33.2

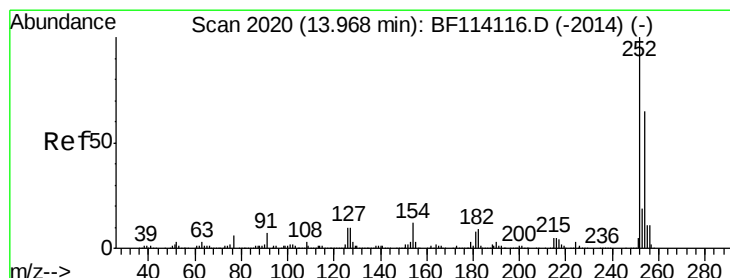
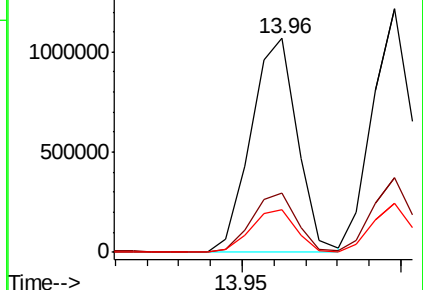
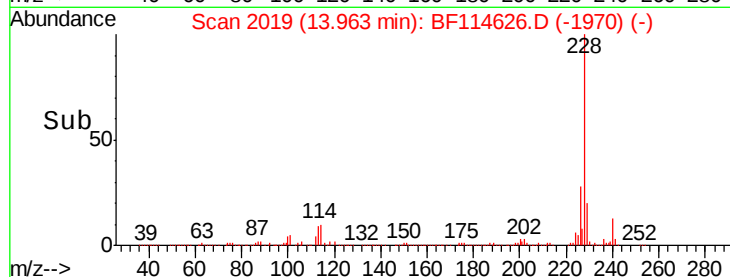
229 19.7 16.4 24.6



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: 27.091 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

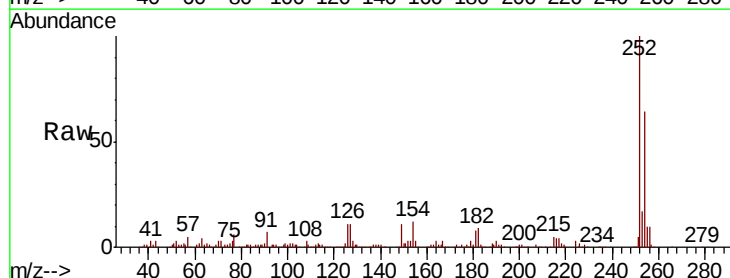
Tgt Ion:252 Resp: 311031

Ion Ratio Lower Upper

252 100

254 64.5 51.9 77.9

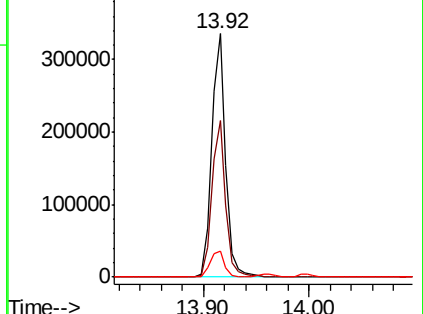
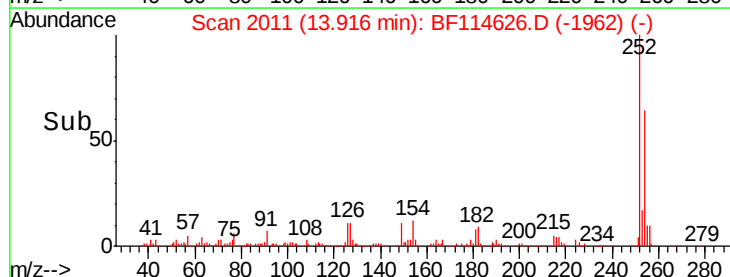
126 10.6 7.9 11.9

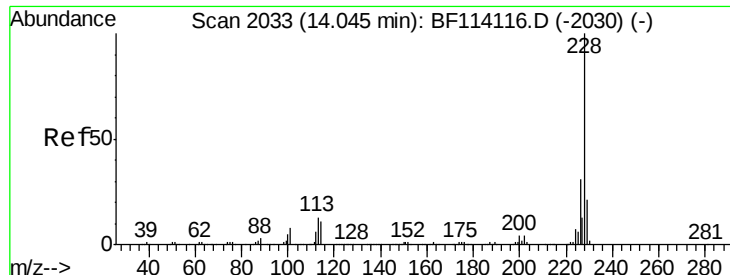


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 36.754 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

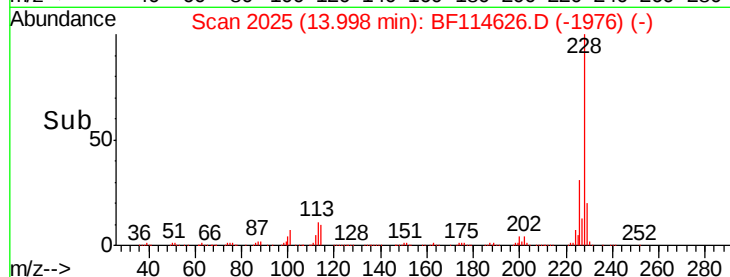
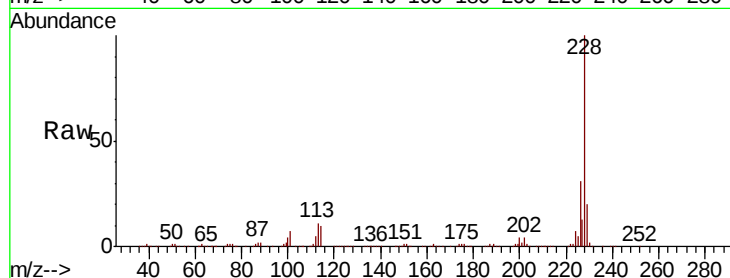
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1066310

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	20.2	17.0	25.6

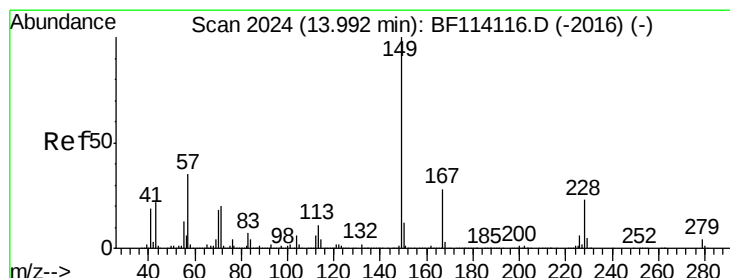
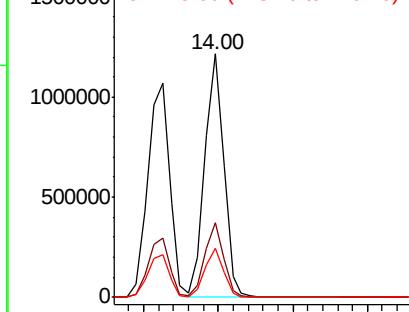


Abundance

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: 38.122 ng

RT: 13.93 min Scan# 2013

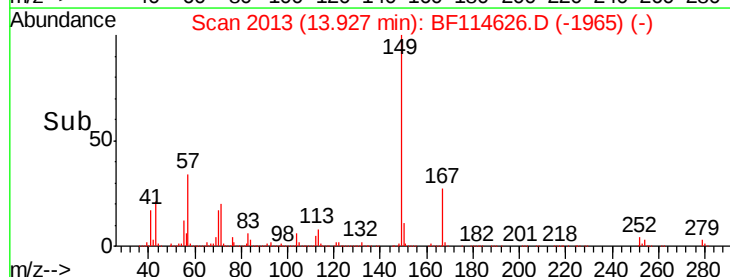
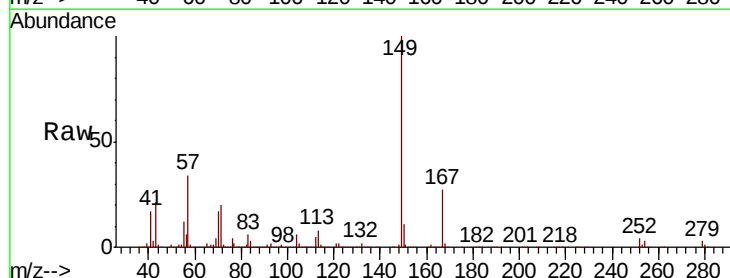
Delta R.T. -0.02 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Tgt Ion:149 Resp: 772470

Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.6	33.8
279	3.2	3.0	4.6

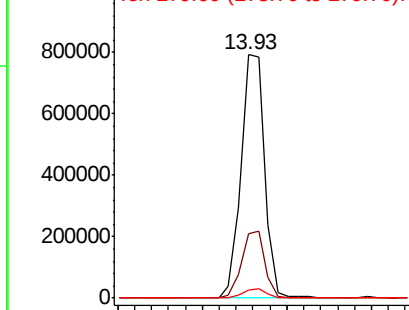


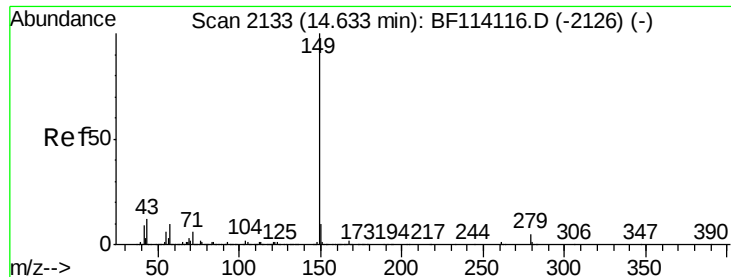
Abundance

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: 38.837 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampleId :

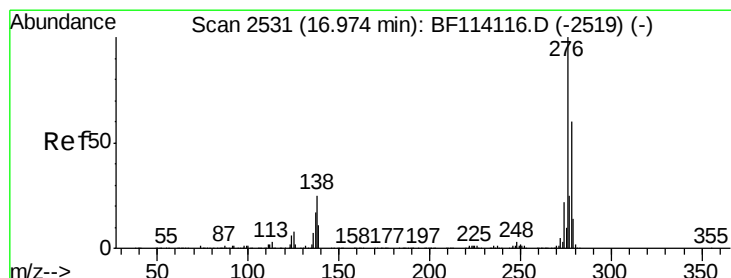
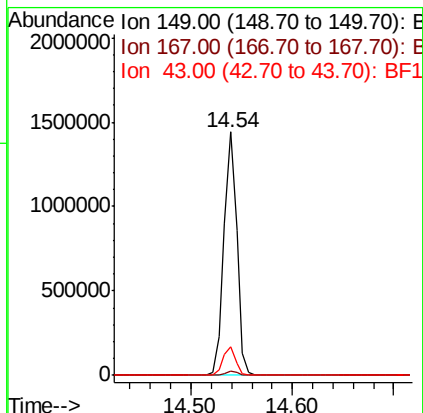
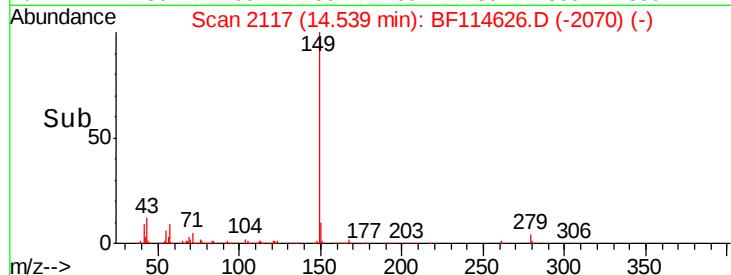
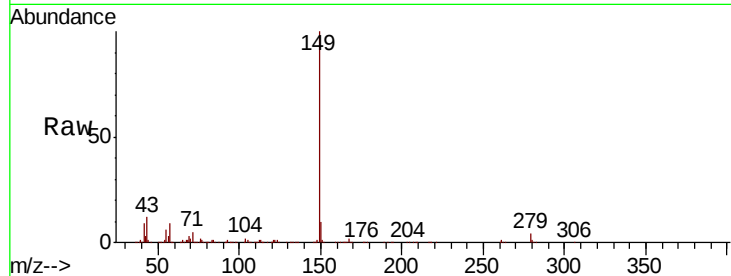
Tot Ion:149 Resp: 1275715

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.6 10.1 15.1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.143 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.03 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

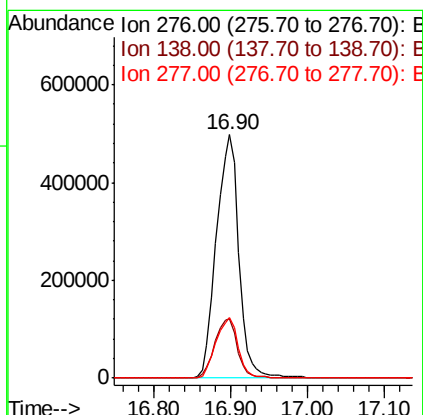
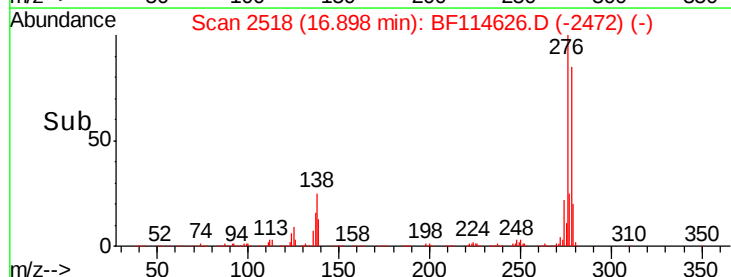
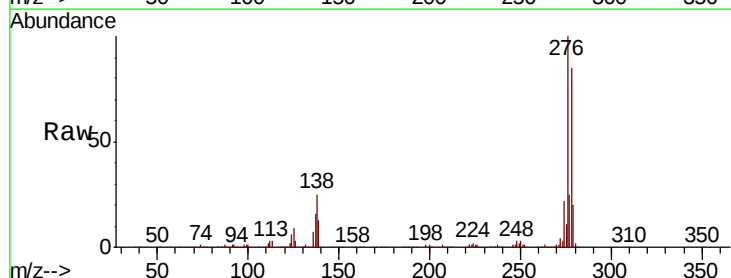
Tgt Ion:276 Resp: 1003630

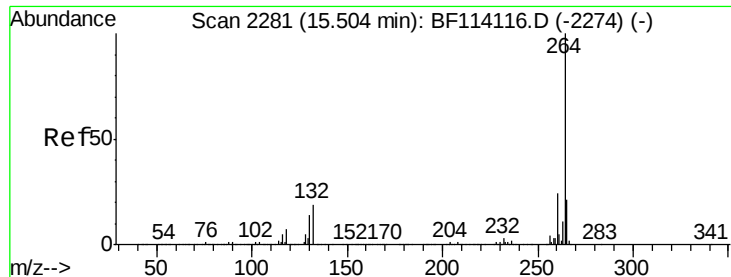
Ion Ratio Lower Upper

276 100

138 24.6 20.2 30.2

277 25.0 20.0 30.0

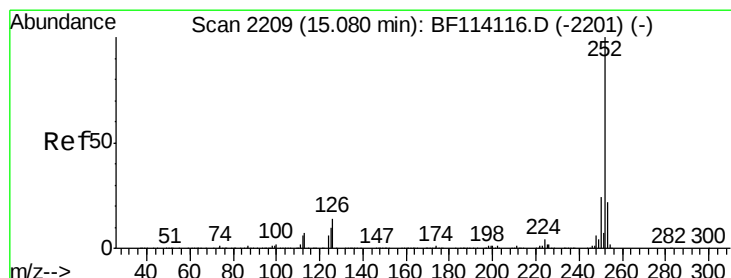
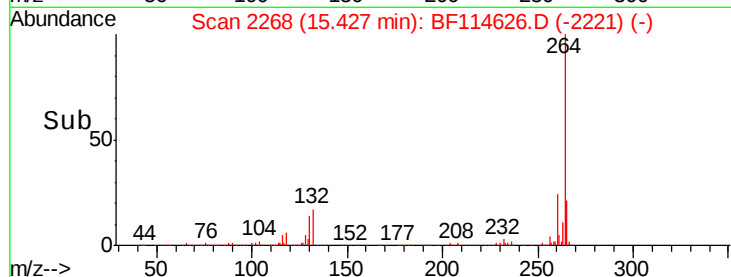
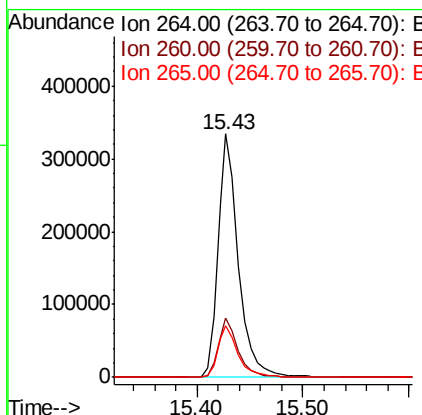
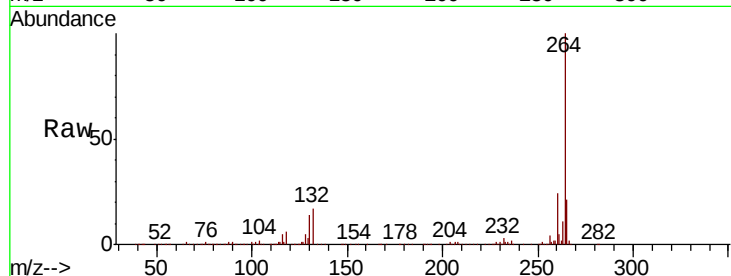




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

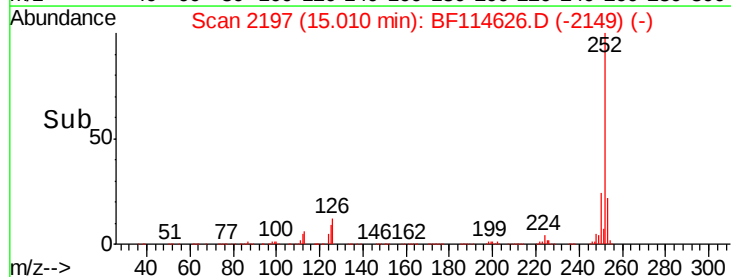
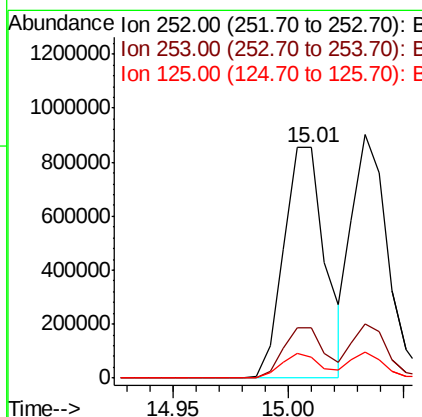
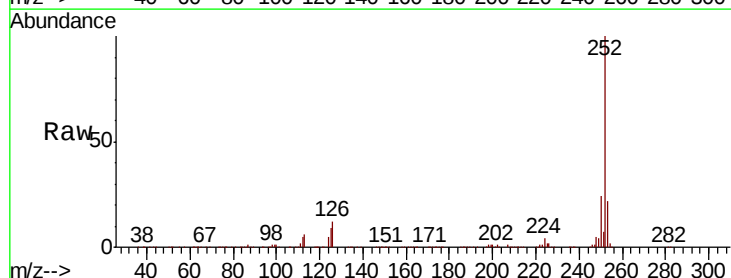
Instrument :
BNA_F
ClientSampleId :

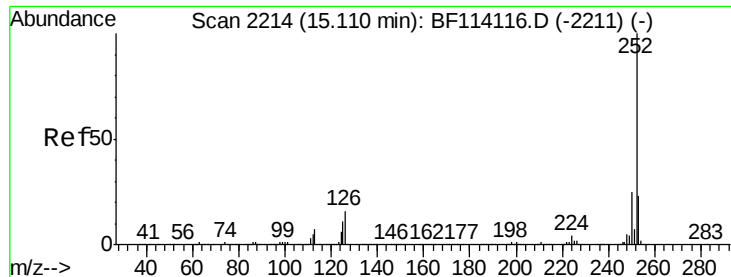
Tot Ion:264 Resp: 450805
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.0
265 21.0 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 36.845 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion:252 Resp: 1064121
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 9.3 8.3 12.5

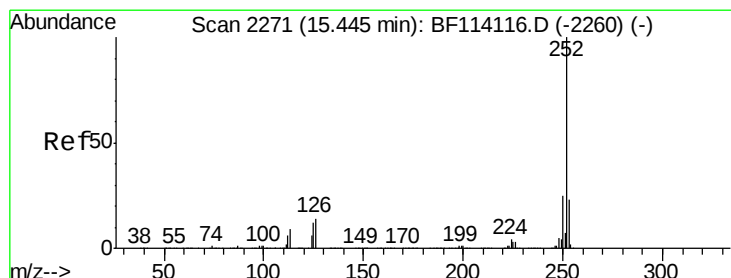
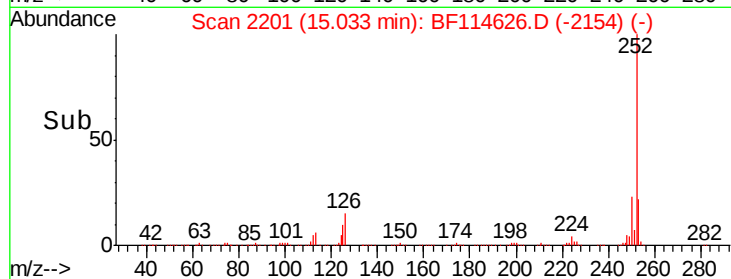
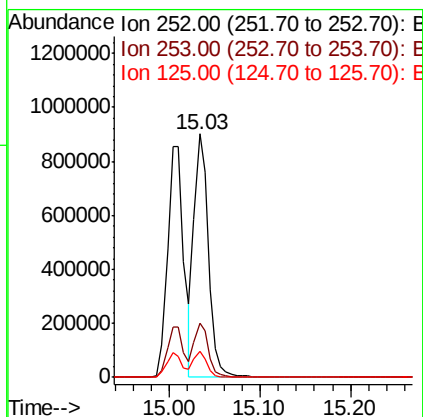
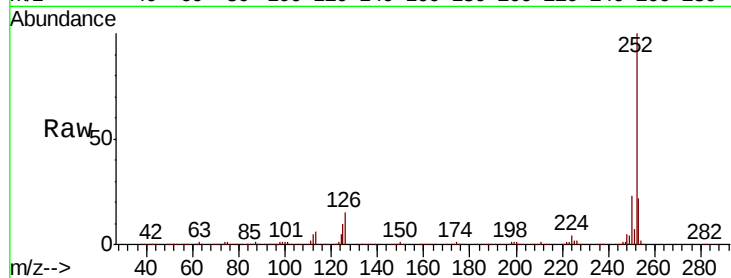




#89
Benzo(k)fluoranthene
Concen: 37.020 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

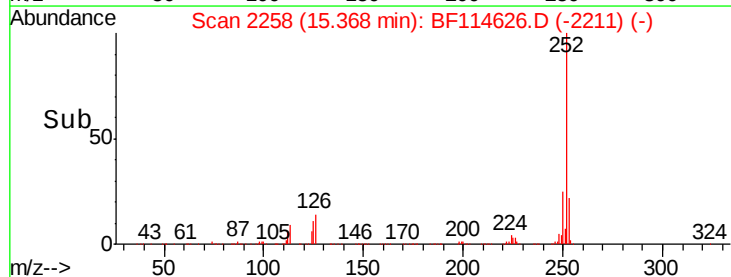
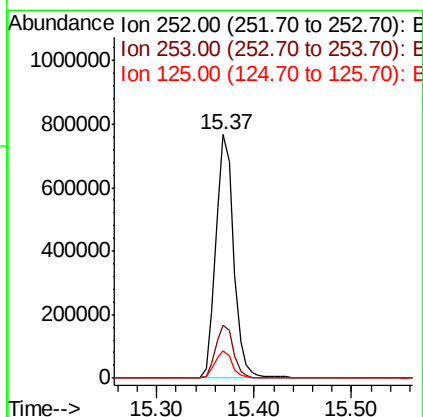
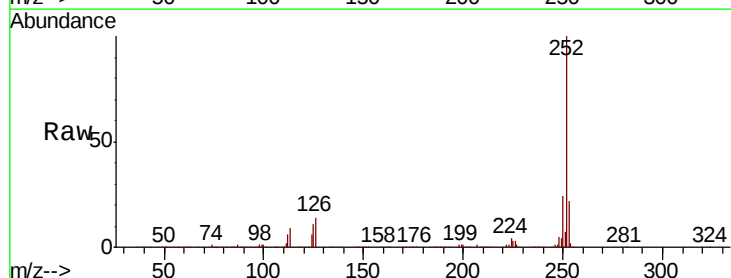
Instrument :
BNA_F
ClientSampleId :

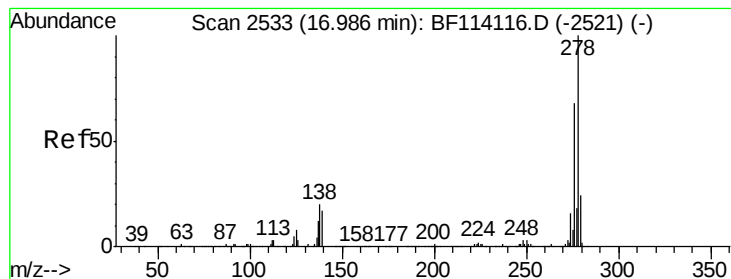
Tot Ion:252 Resp: 982160
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 10.5 8.6 13.0



#90
Benzo(a)pyrene
Concen: 38.491 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion:252 Resp: 978354
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 11.2 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 39.886 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.03 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampleId :

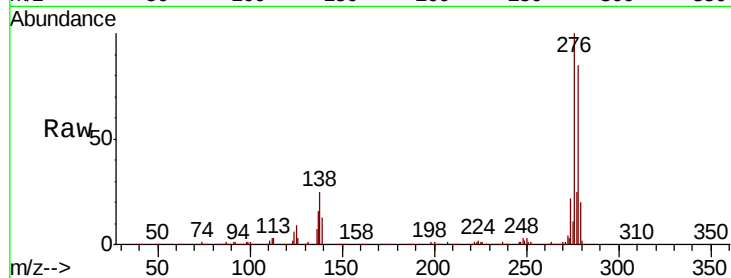
Tot Ion:278 Resp: 842427

Ion Ratio Lower Upper

278 100

139 15.4 13.5 20.3

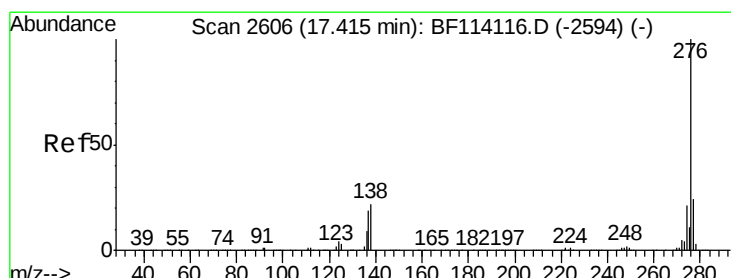
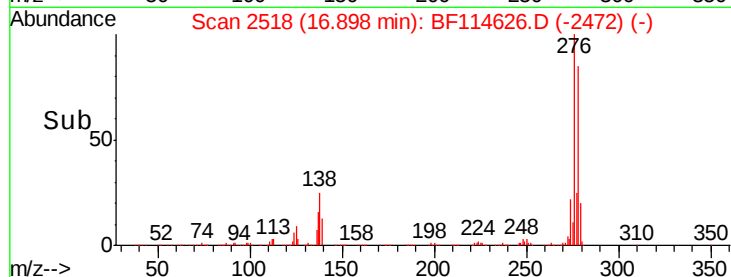
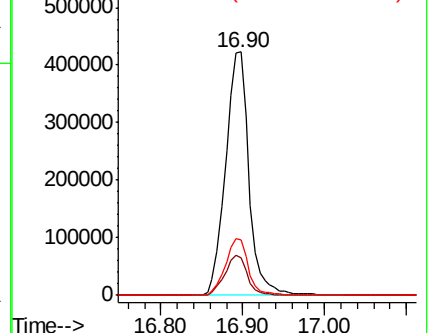
279 23.0 19.0 28.6



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: 41.571 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.04 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

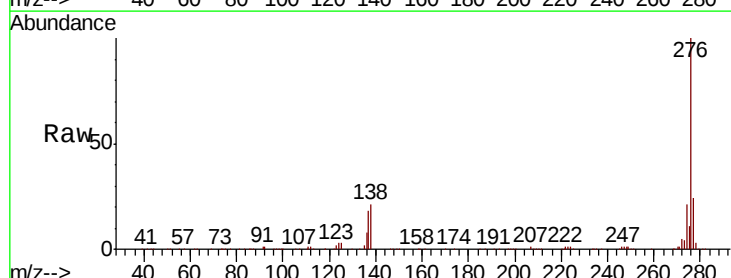
Tgt Ion:276 Resp: 879918

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 21.4 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

