

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114539.D
 Acq On : 23 May 2019 22:28
 Operator : JU/SJ
 Sample : K2746-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 07:20:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 03:49:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	163555	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	637693	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	320950	20.00	ng	-0.02
64) Phenanthrene-d10	11.34	188	699805	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	518618	20.00	ng	-0.02
87) Perylene-d12	15.44	264	471708	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1098357	108.07	ng	-0.02
7) Phenol-d6	6.46	99	1417309	117.91	ng	-0.02
23) Nitrobenzene-d5	7.38	82	860961	75.77	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	381715	115.04	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1510560	71.19	ng	-0.02
79) Terphenyl-d14	12.92	244	1790244	71.16	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.55	88	151081	27.045	ng	99
3) Pyridine	3.31	79	413202	26.846	ng	96
4) n-Nitrosodimethylamine	3.25	42	233170	31.415	ng	100
6) Aniline	6.48	93	329608	18.982	ng	# 23
8) 2-Chlorophenol	6.60	128	446056	41.111	ng	96
9) Benzaldehyde	6.36	77	161626	19.206	ng	100
10) Phenol	6.47	94	560348	39.627	ng	95
11) bis(2-Chloroethyl)ether	6.55	93	419875	39.111	ng	96
12) 1,3-Dichlorobenzene	6.76	146	446884	36.693	ng	99
13) 1,4-Dichlorobenzene	6.83	146	459907	37.474	ng	98
14) 1,2-Dichlorobenzene	6.99	146	429575	38.313	ng	99
15) Benzyl Alcohol	6.96	79	362617	38.678	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	758408	36.435	ng	70
17) 2-Methylphenol	7.08	107	349229	39.183	ng	# 92
18) Hexachloroethane	7.32	117	166046	36.045	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	297716	39.075	ng	100
20) 3+4-Methylphenols	7.23	107	457581	44.436	ng	# 65
22) Acetophenone	7.22	105	584682	41.388	ng	# 89
24) Nitrobenzene	7.40	77	460604	39.799	ng	94
25) Isophorone	7.63	82	851339	40.398	ng	99
26) 2-Nitrophenol	7.72	139	242503	43.189	ng	98
27) 2,4-Dimethylphenol	7.76	122	381956	43.312	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	534680	39.103	ng	99
29) 2,4-Dichlorophenol	7.96	162	374028	42.593	ng	100
30) 1,2,4-Trichlorobenzene	8.04	180	383747	38.430	ng	99
31) Naphthalene	8.12	128	1240308	41.638	ng	98
32) Benzoic acid	7.87	122	70185	16.550	ng	97
33) 4-Chloroaniline	8.17	127	212245	15.636	ng	99
34) Hexachlorobutadiene	8.23	225	209199	36.820	ng	97
35) Caprolactam	8.55	113	73735	25.751	ng	95
36) 4-Chloro-3-methylphenol	8.67	107	403470	45.646	ng	99
37) 2-Methylnaphthalene	8.81	142	837924	43.599	ng	98
38) 1-Methylnaphthalene	8.91	142	794645	43.906	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	380313	39.118	ng	99

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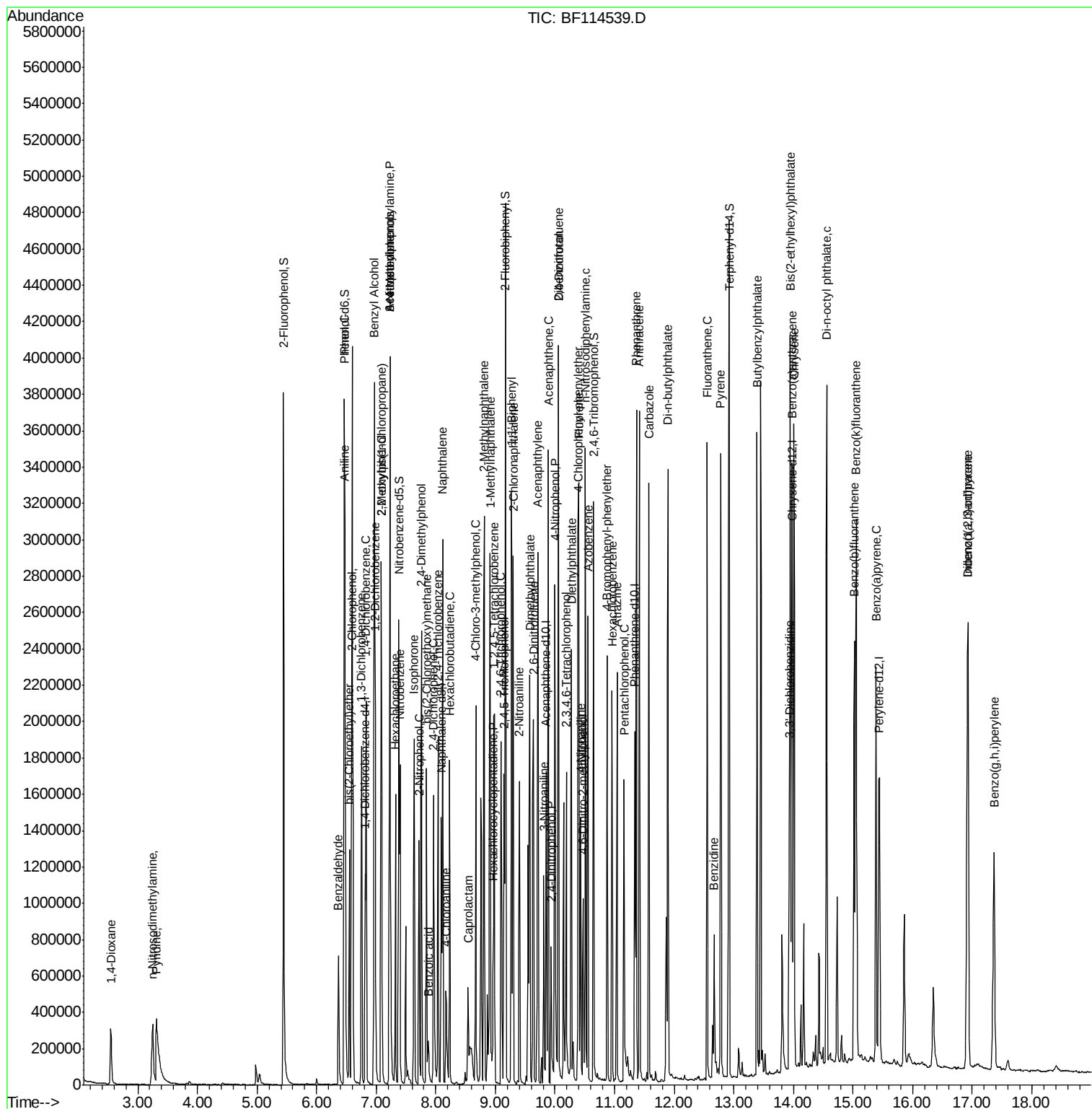
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	90208	23.164	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	258549	38.663	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	273191	39.835	nq	98
46) 1,1'-Biphenyl	9.27	154	1026745	39.599	nq	97
47) 2-Chloronaphthalene	9.30	162	788579	37.791	nq	97
48) 2-Nitroaniline	9.40	65	283396	38.295	nq	98
49) Acenaphthylene	9.72	152	1265792	39.883	nq	99
50) Dimethylphthalate	9.57	163	1085477	46.071	nq	100
51) 2,6-Dinitrotoluene	9.64	165	216833	41.493	nq	98
52) Acenaphthene	9.89	154	752526	38.640	nq	97
53) 3-Nitroaniline	9.81	138	161630	24.916	nq	99
54) 2,4-Dinitrophenol	9.93	184	122412	49.403	nq	94
55) Dibenzofuran	10.06	168	1090317	38.179	nq	99
56) 4-Nitrophenol	10.00	139	296075	64.539	nq	98
57) 2,4-Dinitrotoluene	10.05	165	275305	38.814	nq	# 80
58) Fluorene	10.40	166	912560	41.370	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	237653	40.161	nq	100
60) Diethylphthalate	10.27	149	978618	40.879	nq	98
61) 4-Chlorophenyl-phenylether	10.39	204	432942	39.961	nq	98
62) 4-Nitroaniline	10.43	138	237285	34.810	nq	96
63) Azobenzene	10.55	77	920616	39.730	nq	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	127423	37.894	nq	88
66) n-Nitrosodiphenylamine	10.51	169	829156	39.039	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	278504	36.145	nq	96
68) Hexachlorobenzene	10.96	284	302043	35.435	nq	92
69) Atrazine	11.04	200	258228	39.069	nq	98
70) Pentachlorophenol	11.16	266	255507	63.233	nq	97
71) Phenanthrene	11.36	178	1357851	39.882	nq	98
72) Anthracene	11.42	178	1392568	40.722	nq	99
73) Carbazole	11.57	167	1368342	41.961	nq	99
74) Di-n-butylphthalate	11.89	149	1573190	41.875	nq	100
75) Fluoranthene	12.55	202	1534779	41.861	nq	98
77) Benzidine	12.67	184	305136	13.107	nq	95
78) Pyrene	12.79	202	1570046	37.633	nq	99
80) Butylbenzylphthalate	13.39	149	715685	40.756	nq	95
81) Benzo(a)anthracene	13.97	228	1296653	38.655	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	317150	24.372	nq	99
83) Chrysene	14.01	228	1268350	38.572	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1013873	44.145	nq	100
85) Di-n-octyl phthalate	14.56	149	1695175	45.532	nq	99
86) Indeno(1,2,3-cd)pyrene	16.93	276	1229597	42.311	nq	99
88) Benzo(b)fluoranthene	15.02	252	1193001	39.477	nq	100
89) Benzo(k)fluoranthene	15.05	252	1135289	40.896	nq	99
90) Benzo(a)pyrene	15.39	252	1112998	41.848	nq	99
91) Dibenzo(a,h)anthracene	16.93	278	1024553	46.359	nq	100
92) Benzo(g,h,i)perylene	17.37	276	1061126	47.911	nq	99

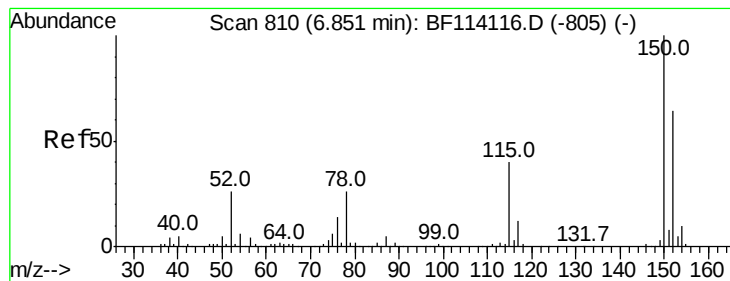
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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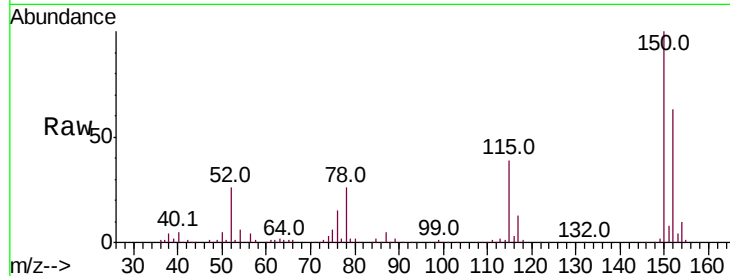


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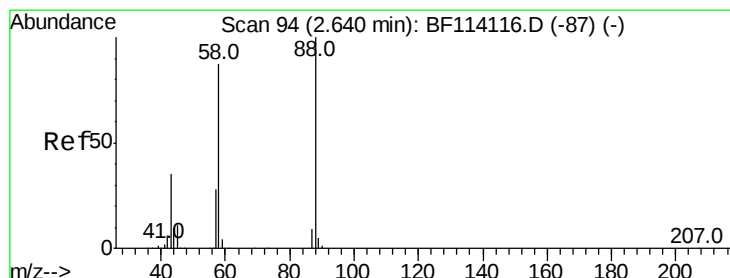
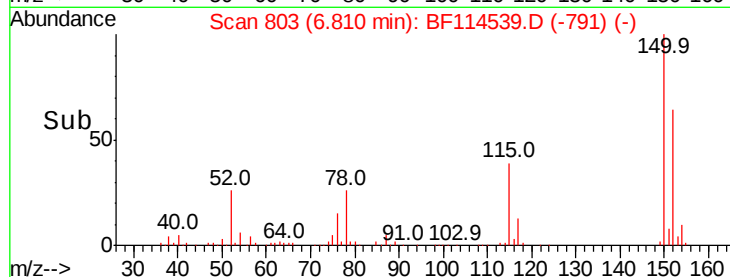
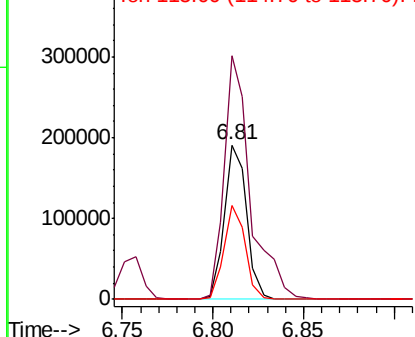
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.3	186.5
115	61.0	49.1	73.7



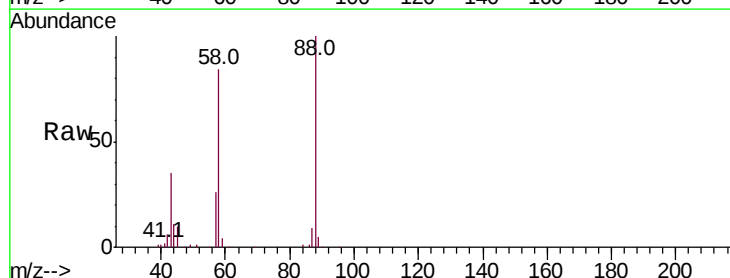
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



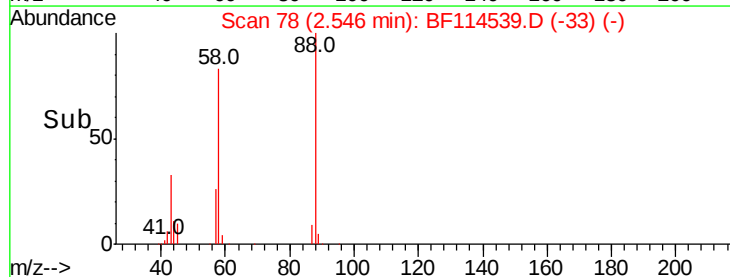
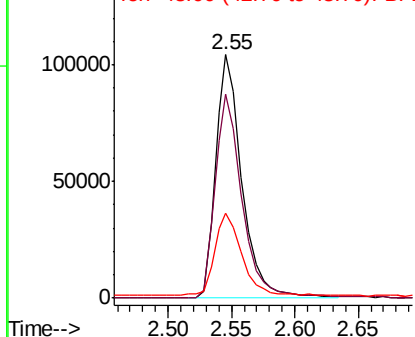
#2

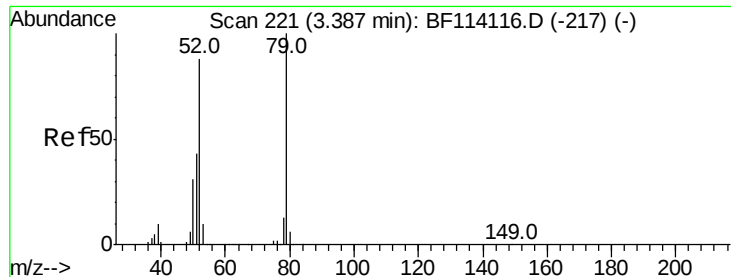
1,4-Dioxane
Concen: 27.045 ng
RT: 2.55 min Scan# 78
Delta R.T. -0.04 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.1	68.7	103.1
43	34.5	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: 26.846 ng

RT: 3.31 min Scan# 208

Delta R.T. -0.03 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

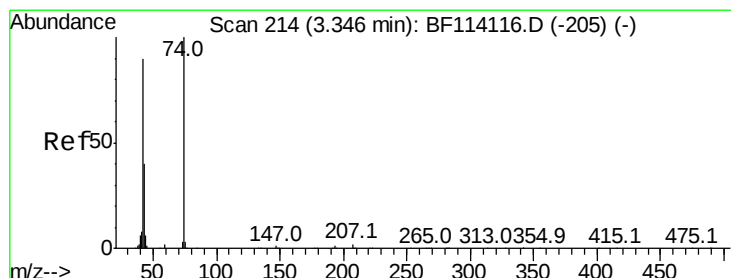
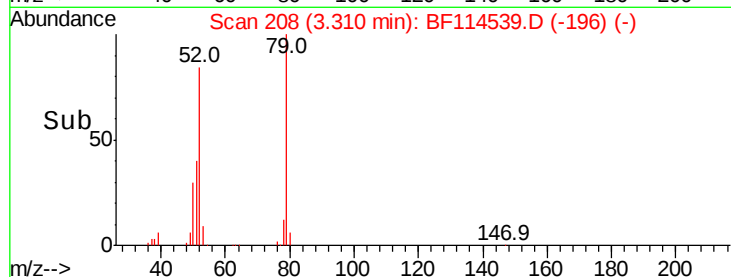
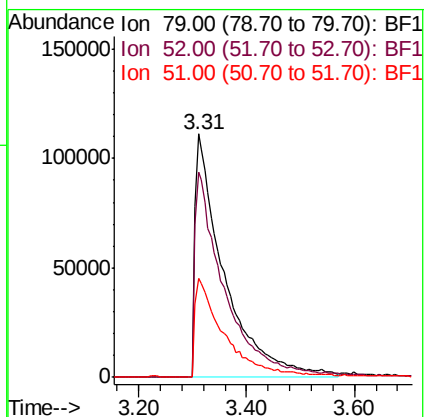
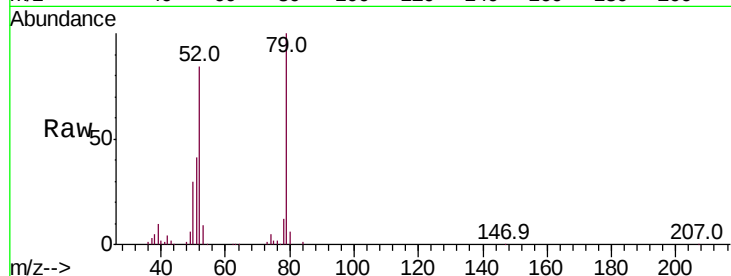
Tot Ion: 79 Resp: 413202

Ion Ratio Lower Upper

79 100

52 84.1 70.6 105.8

51 40.5 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 31.415 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.05 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

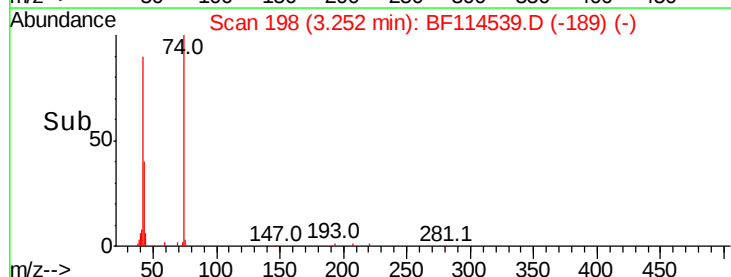
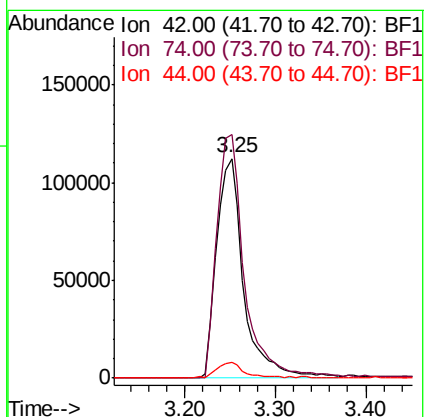
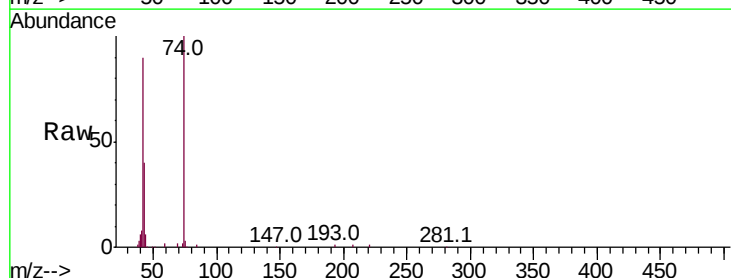
Tgt Ion: 42 Resp: 233170

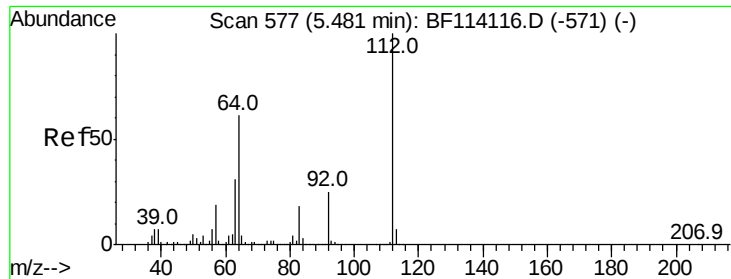
Ion Ratio Lower Upper

42 100

74 110.8 88.6 132.8

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 108.070 ng

RT: 5.45 min Scan# 571

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :
BNA_F
ClientSampled :

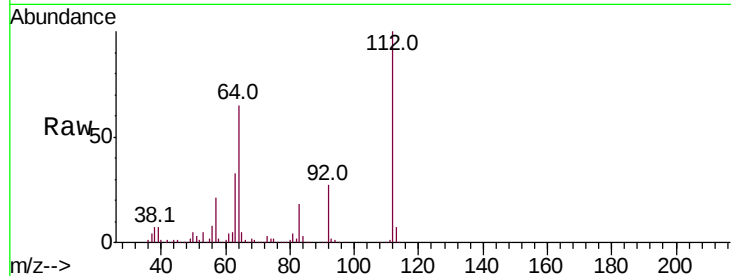
Tot Ion:112 Resp: 1098357

Ion Ratio Lower Upper

112 100

64 65.0 49.0 73.6

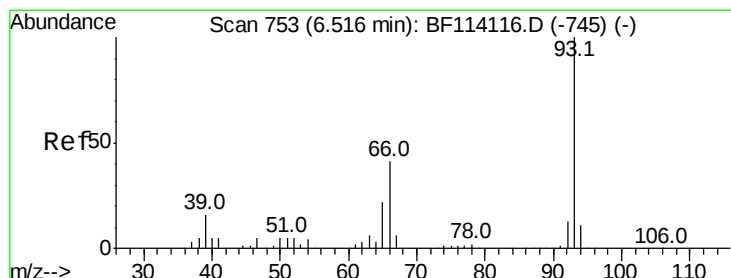
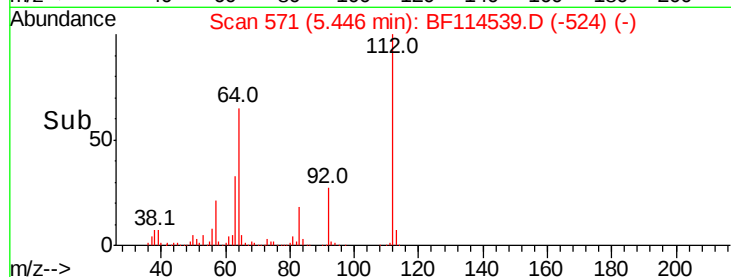
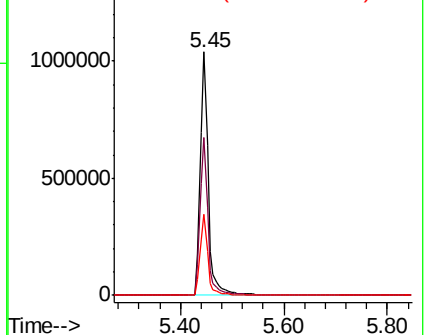
63 33.2 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.982 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

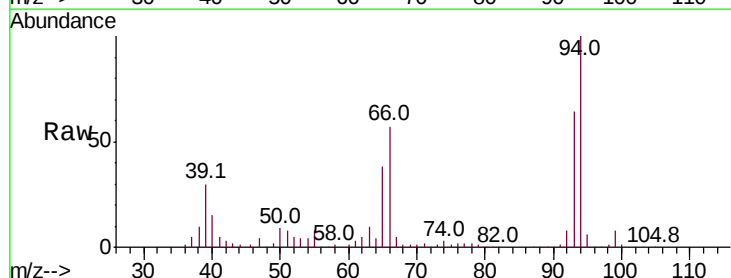
Tgt Ion: 93 Resp: 329608

Ion Ratio Lower Upper

93 100

66 89.9 33.2 49.8#

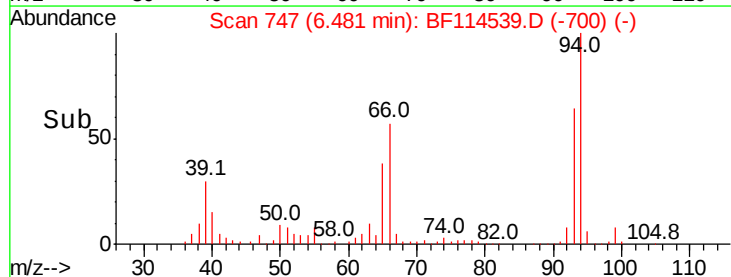
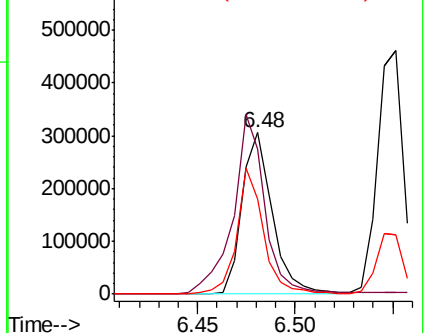
65 58.9 17.6 26.4#

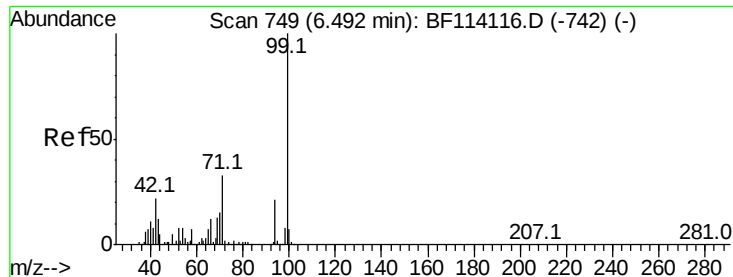


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.907 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

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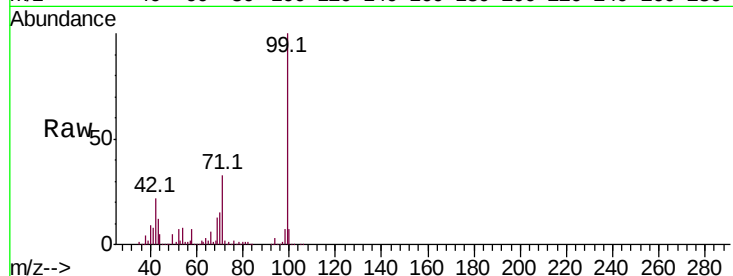
Tot Ion: 99 Resp: 1417309

Ion Ratio Lower Upper

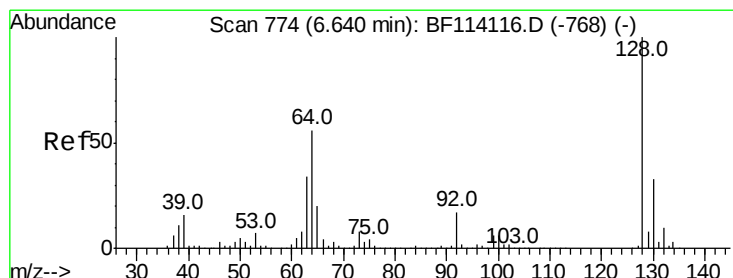
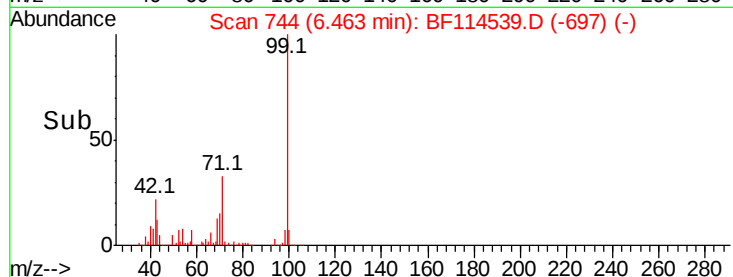
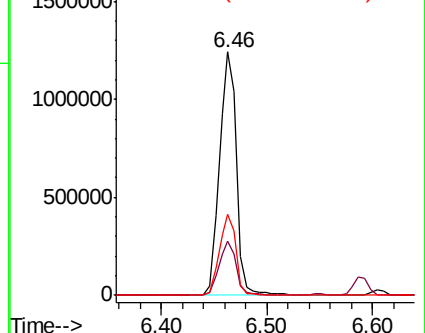
99 100

42 22.4 17.9 26.9

71 33.5 26.2 39.2



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



#8

2-Chlorophenol

Concen: 41.111 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.03 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

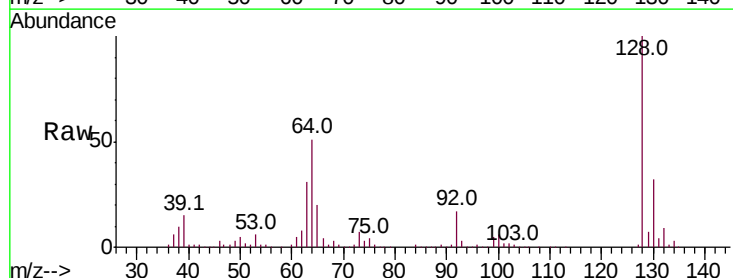
Tgt Ion:128 Resp: 446056

Ion Ratio Lower Upper

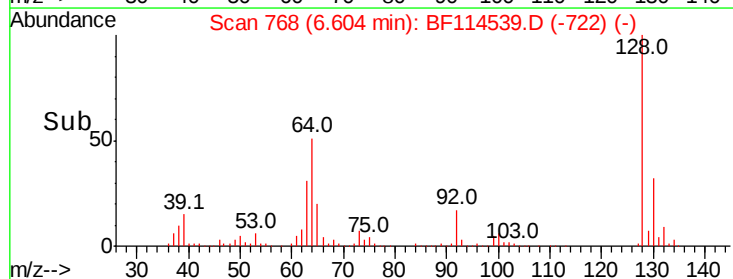
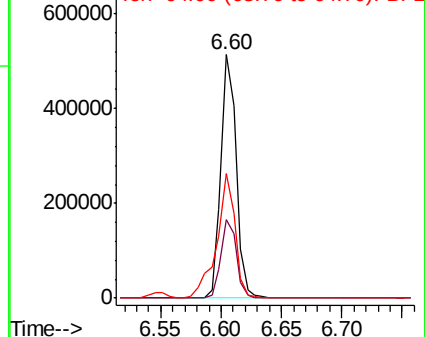
128 100

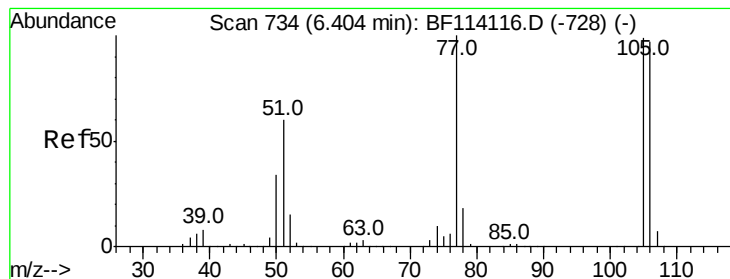
130 32.3 12.6 52.6

64 51.4 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: 19.206 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.03 min

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Acq: 23 May 2019 22:28

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ClientSampleId :

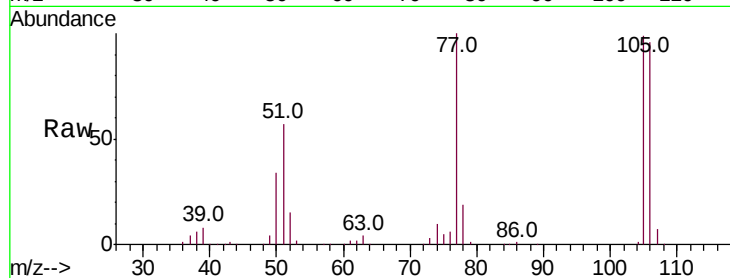
Tot Ion: 77 Resp: 161626

Ion Ratio Lower Upper

77 100

105 99.4 79.3 119.3

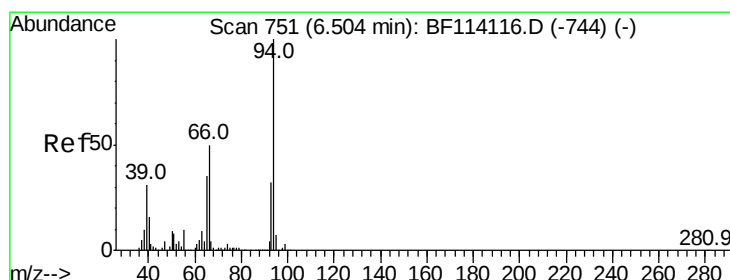
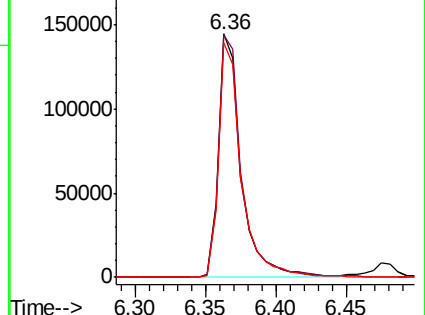
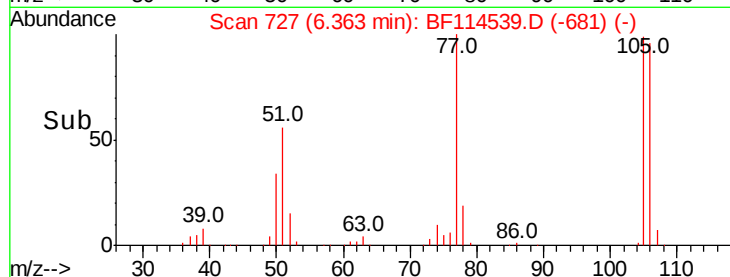
106 96.2 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.627 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

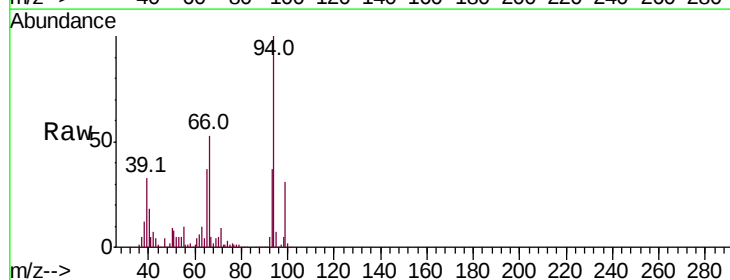
Tgt Ion: 94 Resp: 560348

Ion Ratio Lower Upper

94 100

65 37.1 14.7 54.7

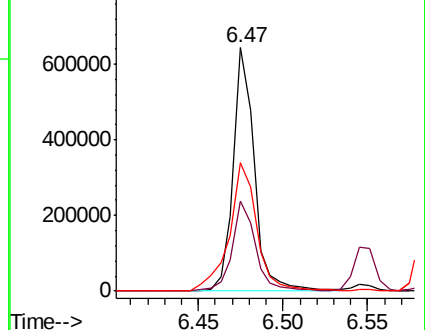
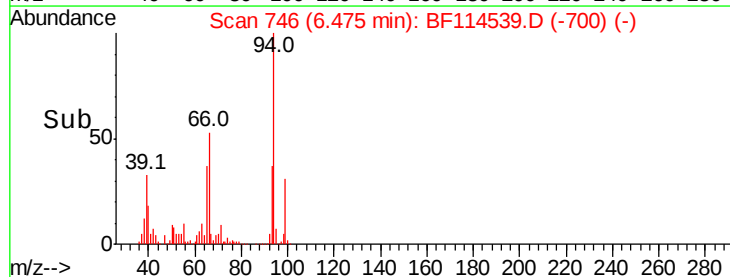
66 52.9 29.6 69.6

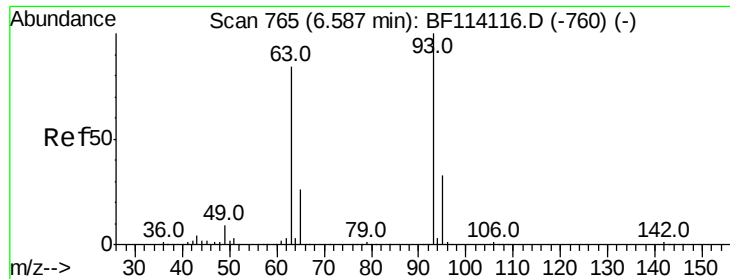


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

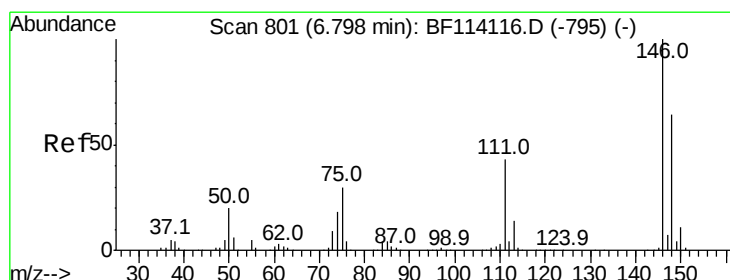
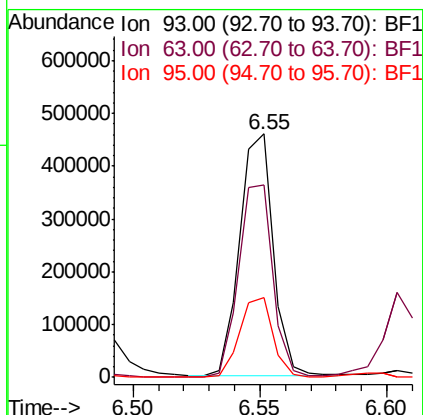
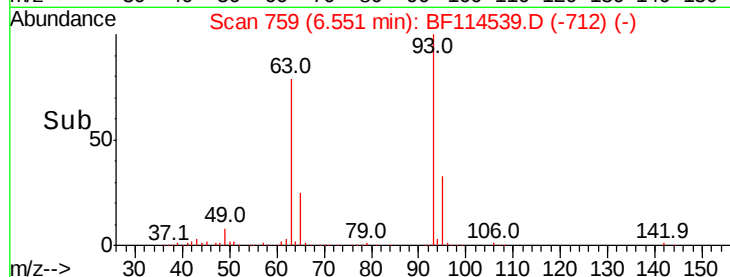
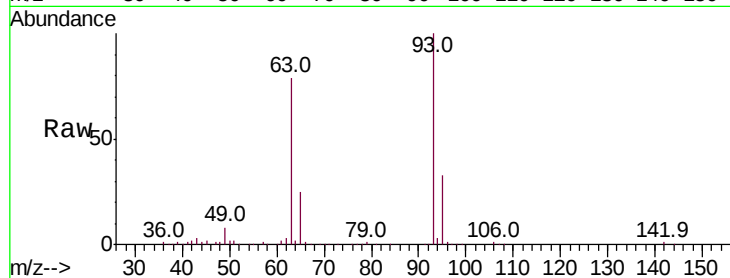




#11
bis(2-Chloroethyl)ether
Concen: 39.111 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

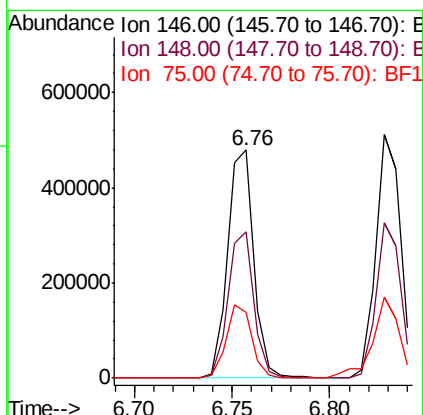
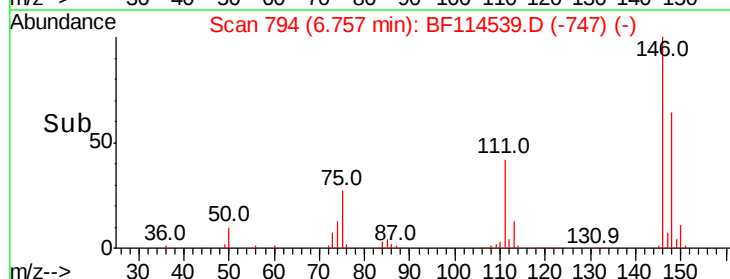
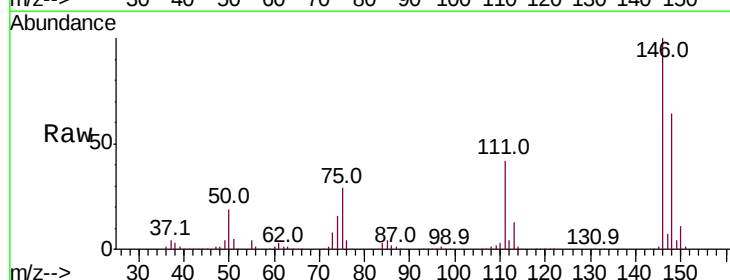
Instrument :
BNA_F
ClientSampleId :

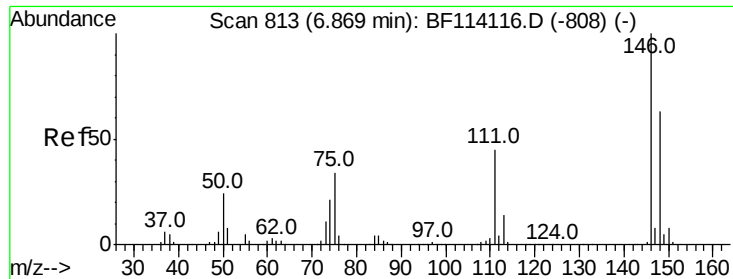
Tot Ion: 93 Resp: 419875
Ion Ratio Lower Upper
93 100
63 79.3 63.6 103.6
95 33.0 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 36.693 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion: 146 Resp: 446884
Ion Ratio Lower Upper
146 100
148 64.4 51.6 77.4
75 28.8 24.2 36.2

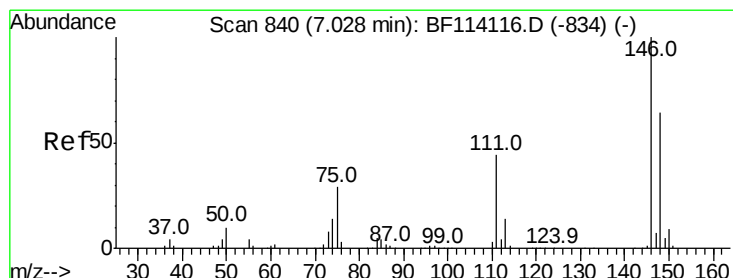
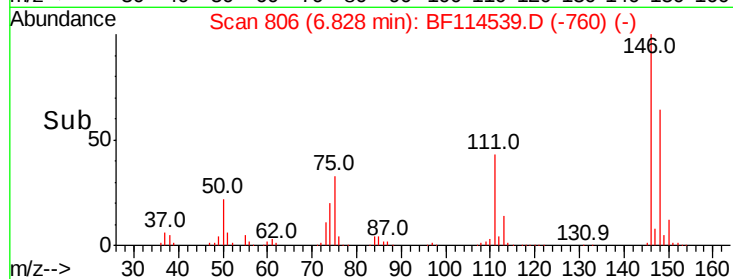
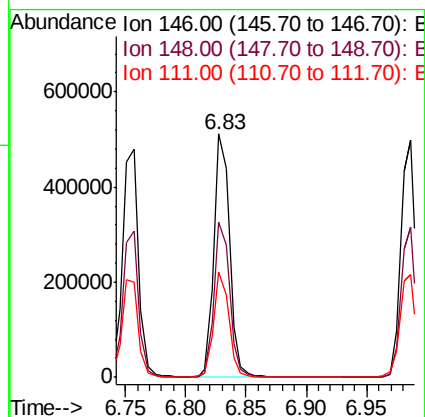
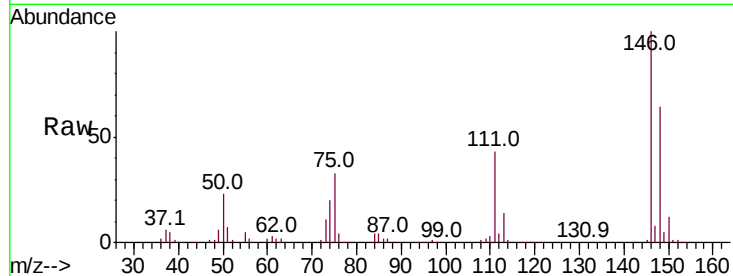




#13
 1,4-Dichlorobenzene
 Concen: 37.474 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.03 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

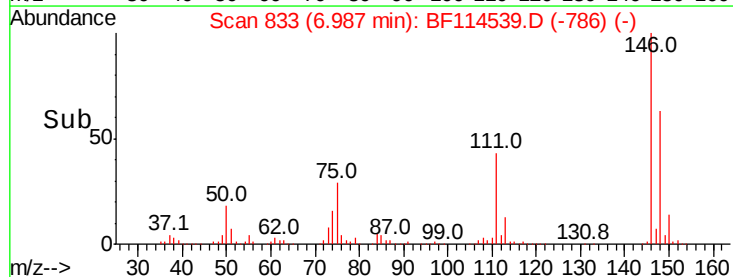
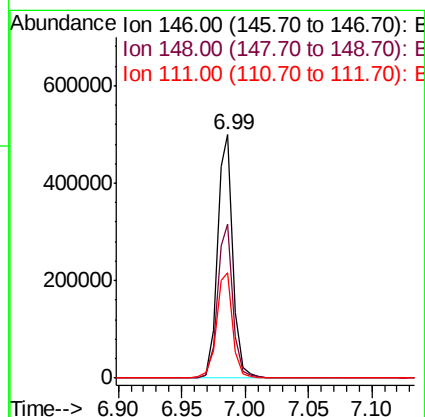
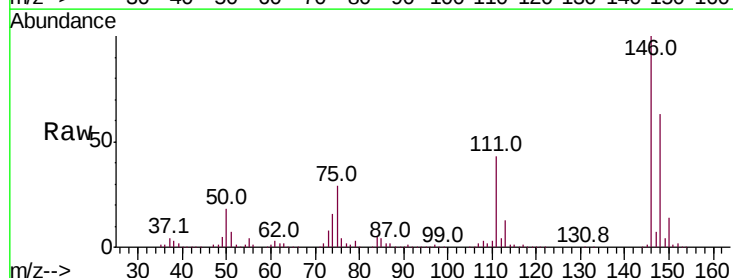
Instrument :
 BNA_F
 ClientSampled :

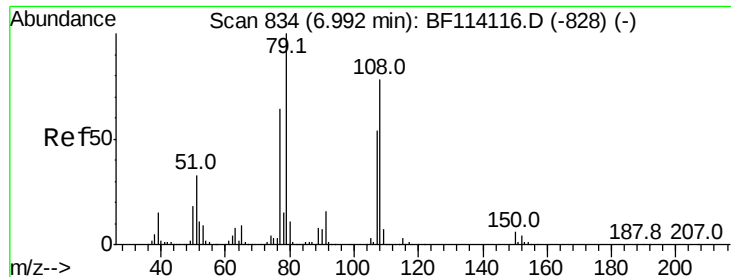
Tot Ion:146 Resp: 459907
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.2 75.2
 111 43.1 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 38.313 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Tgt Ion:146 Resp: 429575
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.1 76.7
 111 43.3 35.3 52.9





#15

Benzyl Alcohol

Concen: 38.678 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampled :

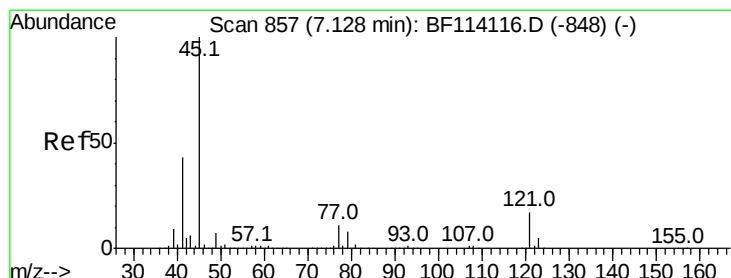
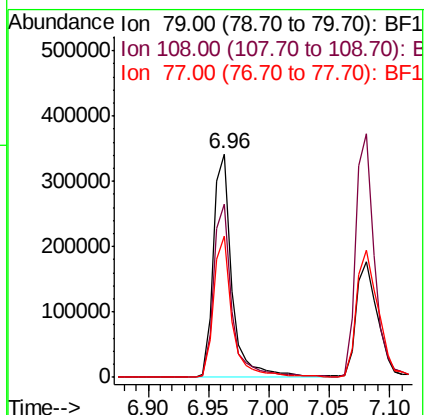
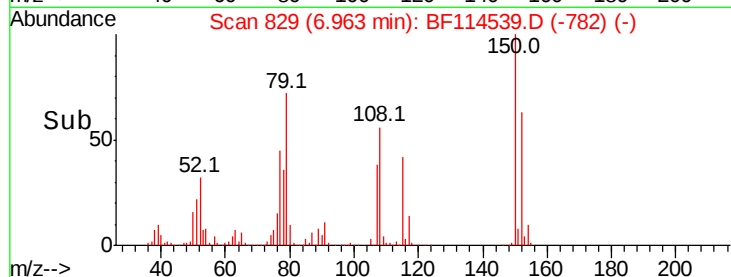
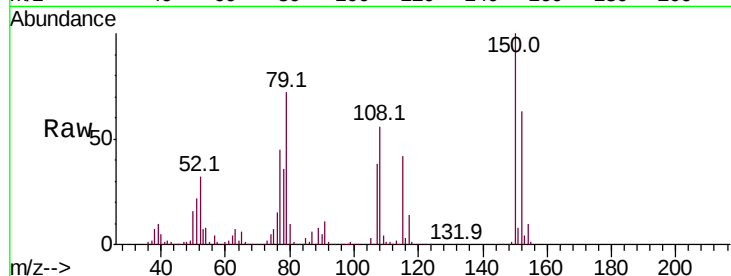
Tot Ion: 79 Resp: 362617

Ion Ratio Lower Upper

79 100

108 77.9 62.1 93.1

77 63.3 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.435 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.03 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

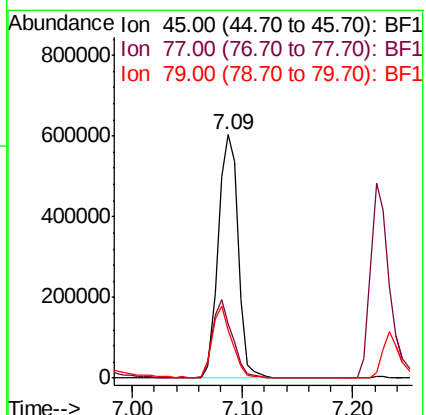
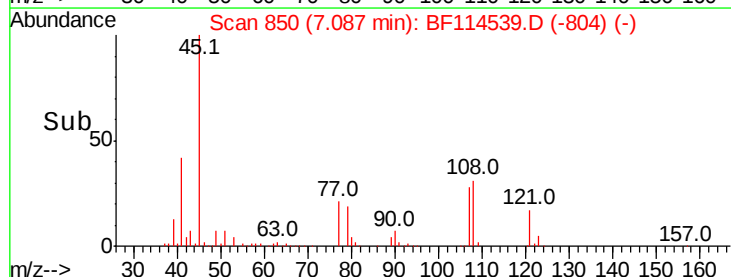
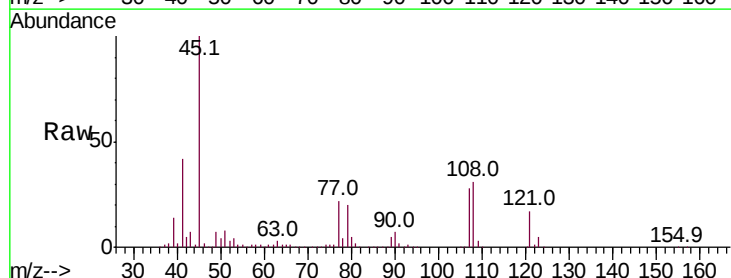
Tgt Ion: 45 Resp: 758408

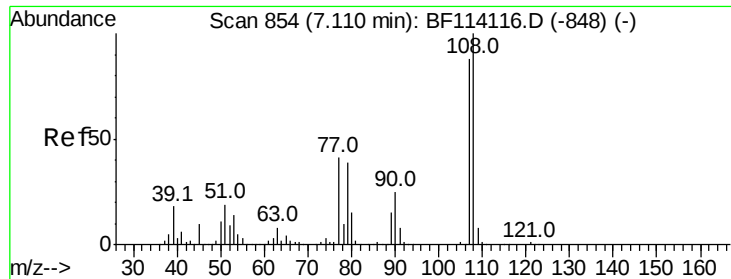
Ion Ratio Lower Upper

45 100

77 22.2 0.0 31.1

79 19.6 0.0 28.4

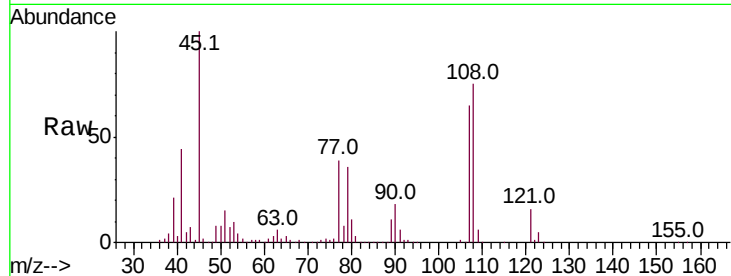




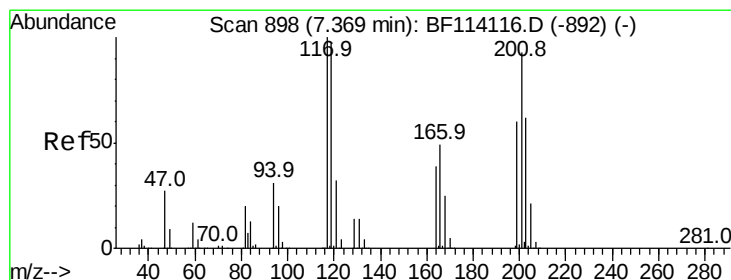
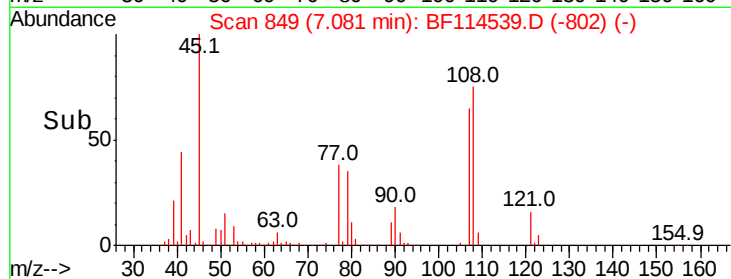
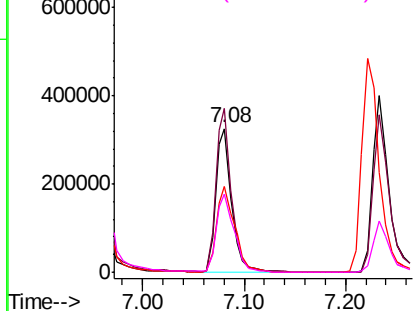
#17
2-Methylphenol
Concen: 39.183 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 349229
Ion Ratio Lower Upper
107 100
108 114.2 90.5 135.7
77 59.6 37.0 55.4#
79 54.4 35.8 53.8#

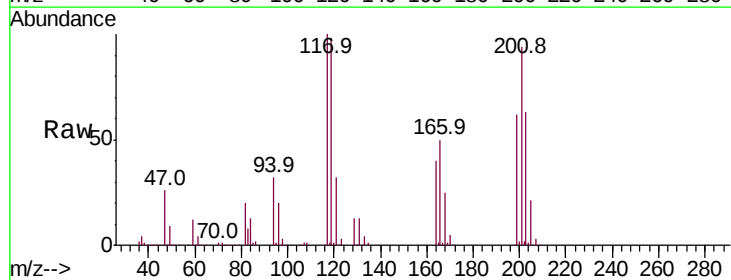


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

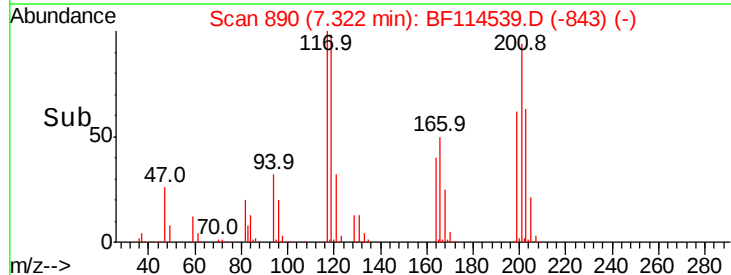
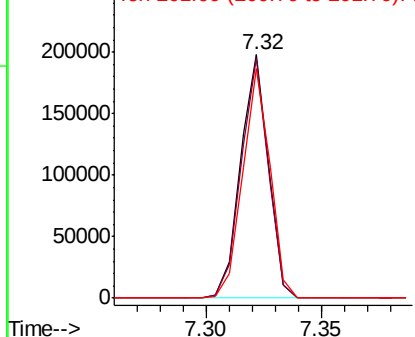


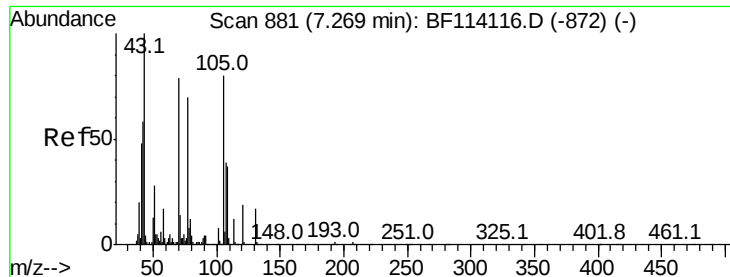
#18
Hexachloroethane
Concen: 36.045 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:117 Resp: 166046
Ion Ratio Lower Upper
117 100
119 98.3 77.4 116.2
201 94.2 74.5 111.7



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

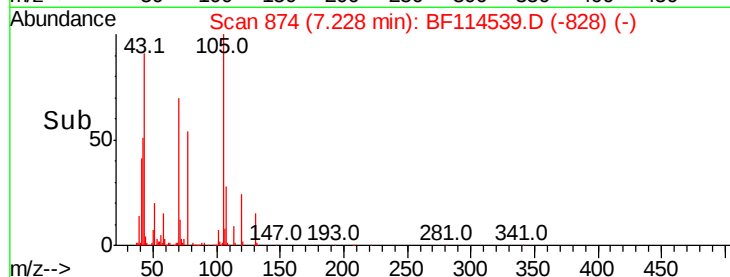
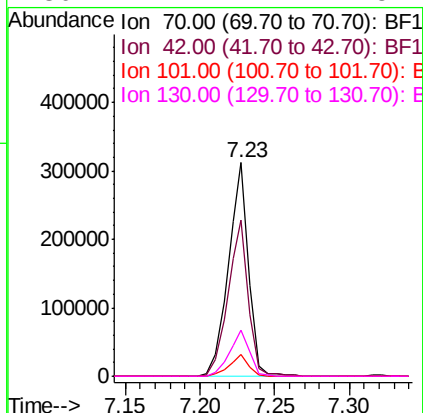
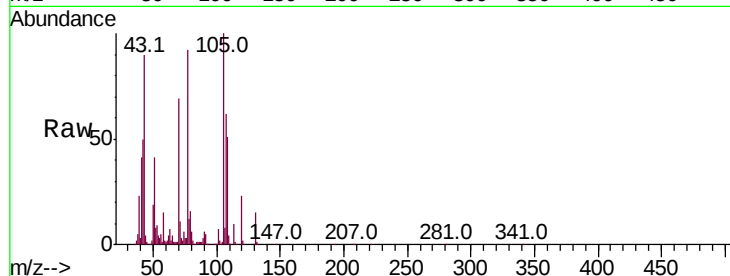




#19
n-Nitroso-di-n-propylamine
Concen: 39.075 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.03 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

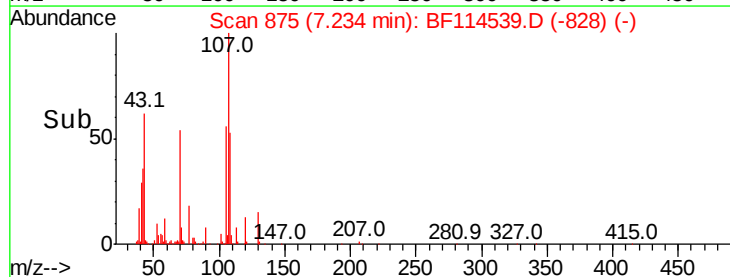
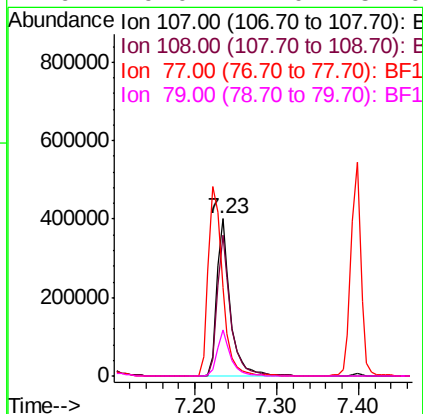
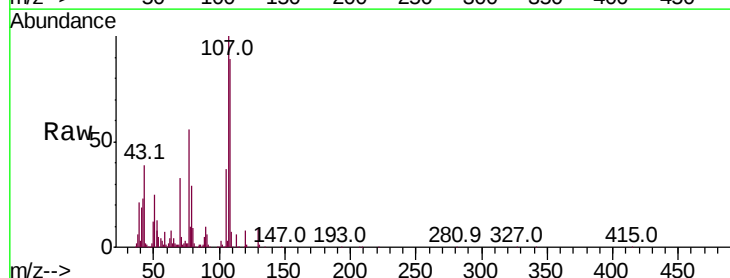
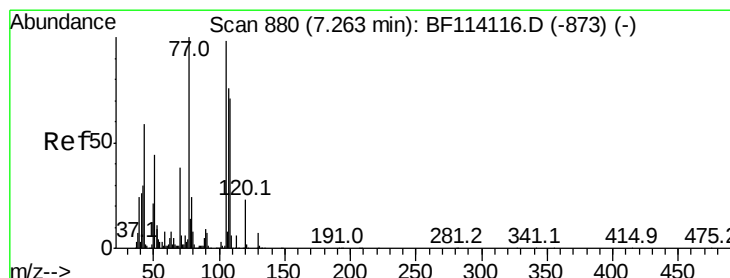
Instrument :
BNA_F
ClientSampleId :

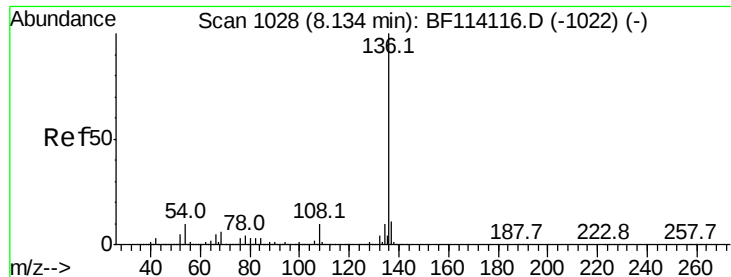
Tot Ion: 70 Resp: 297716
Ion Ratio Lower Upper
70 100
42 72.9 58.6 87.8
101 9.9 7.8 11.8
130 21.4 17.1 25.7



#20
3+4-Methylphenols
Concen: 44.436 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:107 Resp: 457581
Ion Ratio Lower Upper
107 100
108 89.4 73.8 113.8
77 56.2 111.5 151.5#
79 29.0 12.0 52.0

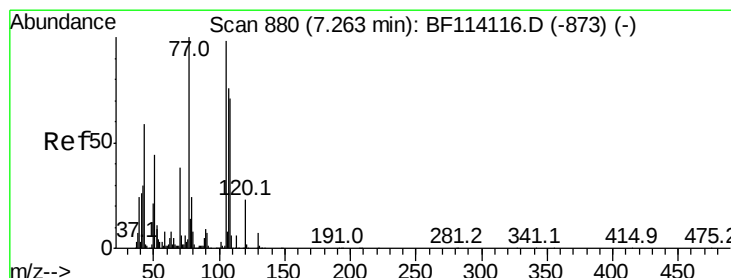
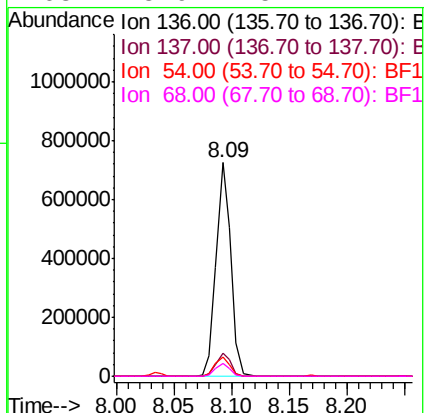
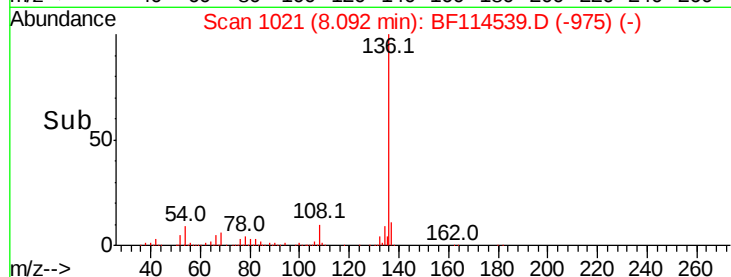
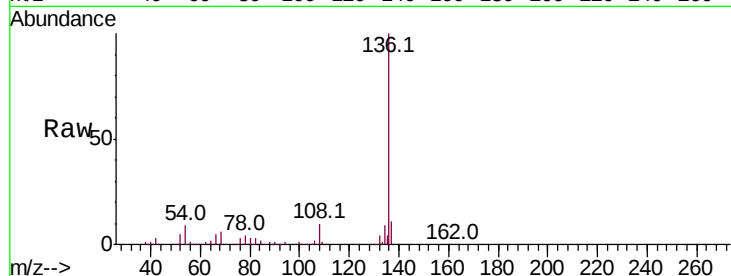




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

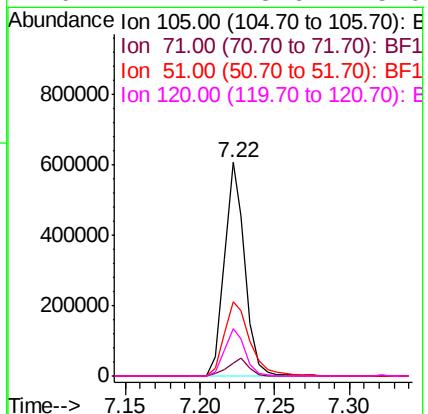
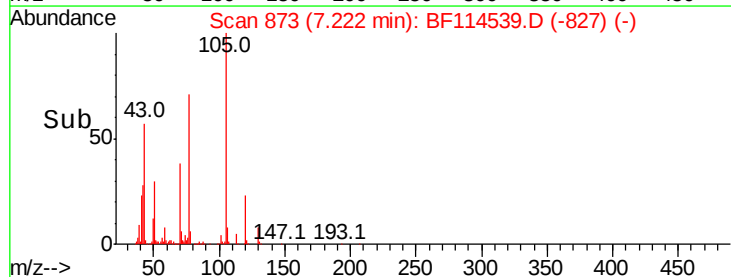
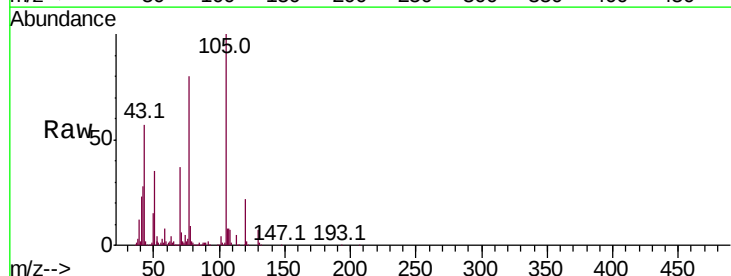
Instrument :
BNA_F
ClientSampleId :

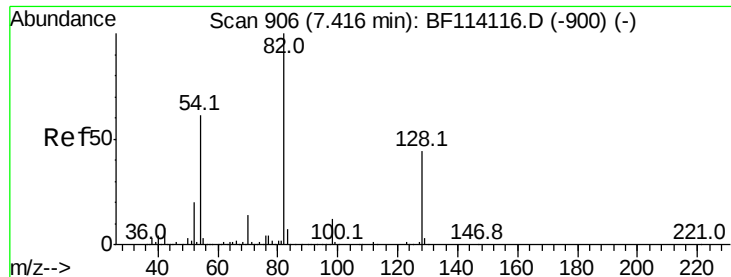
Tot Ion:	136	Resp:	637693
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.2	7.8	11.8
68	5.9	5.1	7.7



#22
Acetophenone
Concen: 41.388 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.03 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:	105	Resp:	584682
Ion	Ratio	Lower	Upper
105	100		
71	6.1	5.3	7.9
51	34.6	36.2	54.4
120	22.4	18.6	28.0

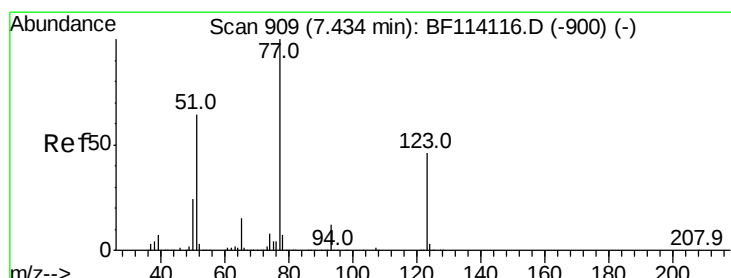
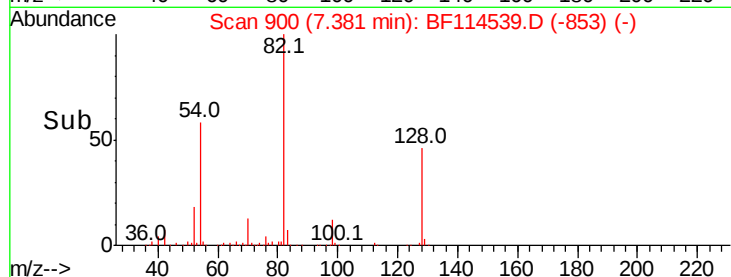
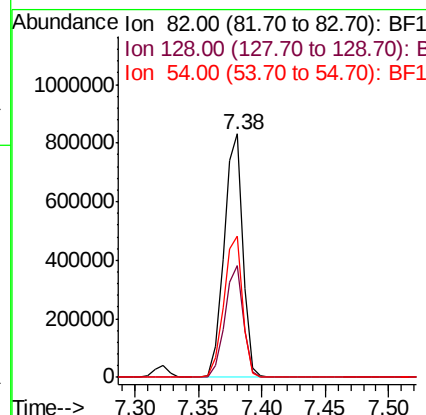
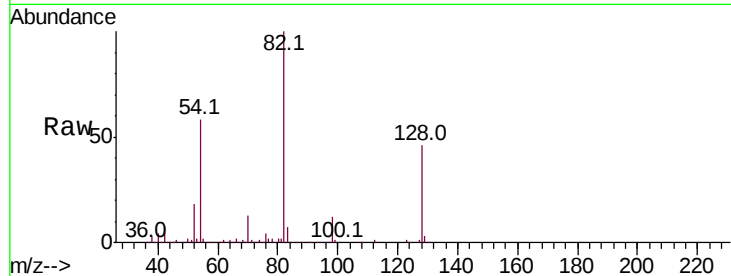




#23
 Nitrobenzene-d5
 Concen: 75.769 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

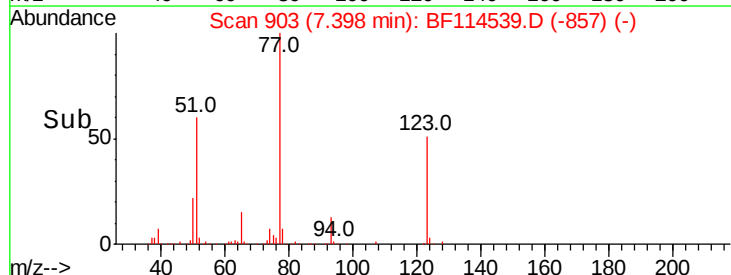
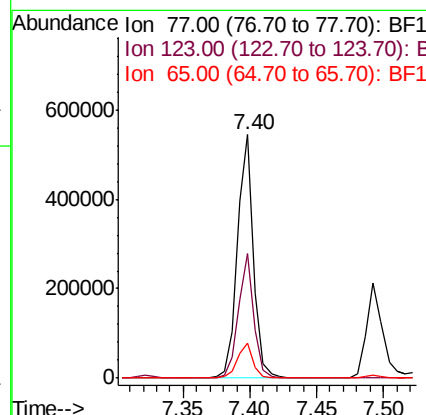
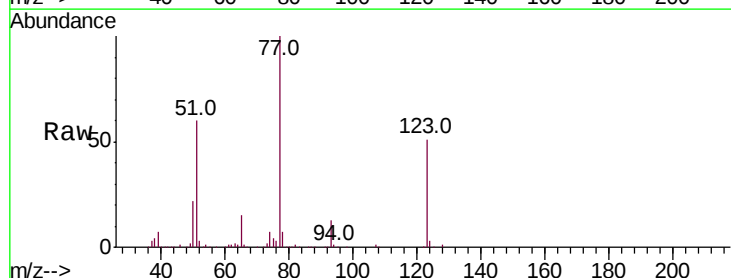
Instrument :
 BNA_F
 ClientSampleId :

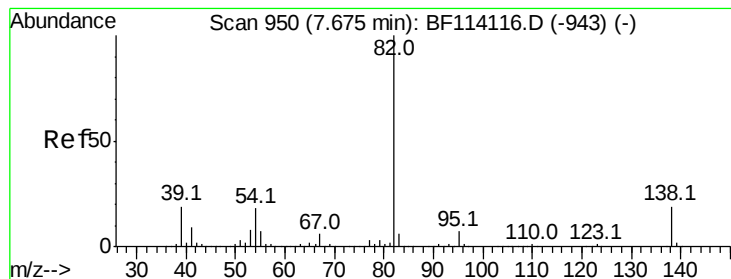
Tot Ion: 82 Resp: 860961
 Ion Ratio Lower Upper
 82 100
 128 45.9 35.5 53.3
 54 58.1 48.5 72.7



#24
 Nitrobenzene
 Concen: 39.799 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.03 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Tgt Ion: 77 Resp: 460604
 Ion Ratio Lower Upper
 77 100
 123 51.3 36.9 55.3
 65 14.5 11.8 17.6





#25

Isophorone

Concen: 40.398 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.03 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

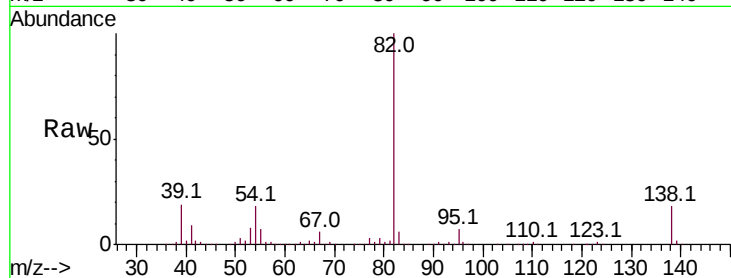
Tot Ion: 82 Resp: 851339

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

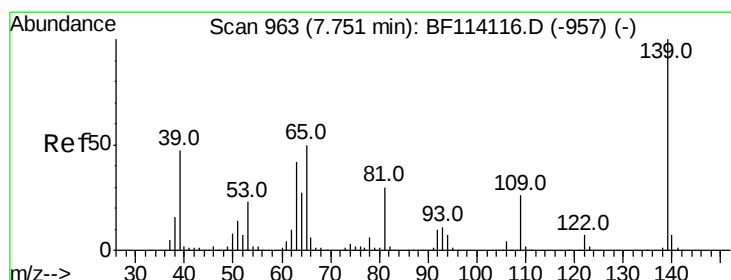
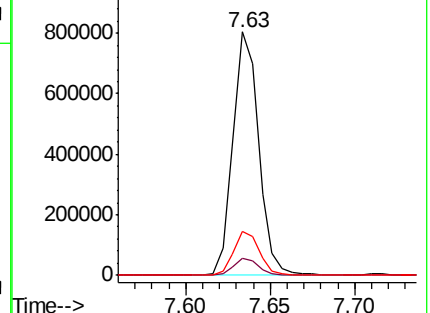
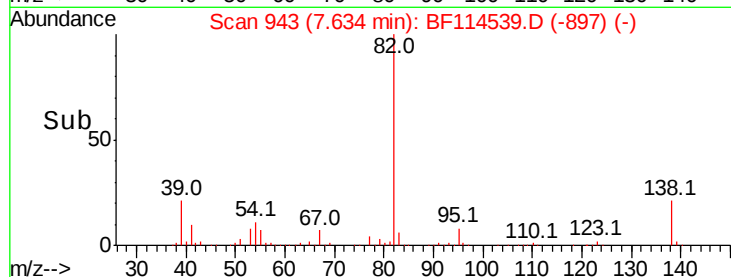
138 17.9 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.189 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

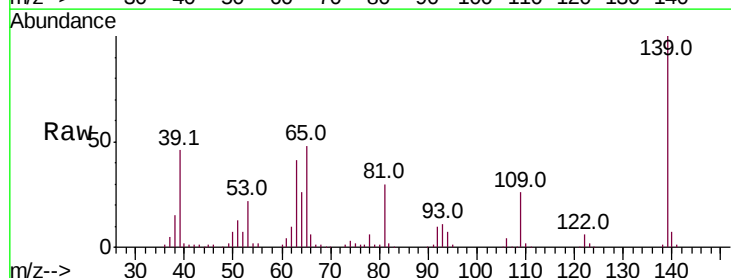
Tgt Ion: 139 Resp: 242503

Ion Ratio Lower Upper

139 100

109 25.6 20.7 31.1

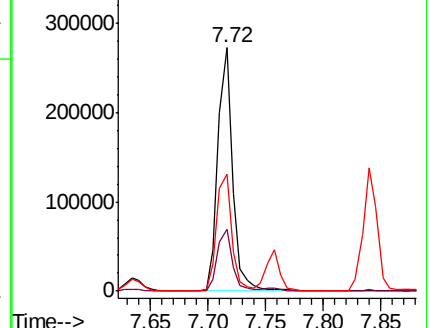
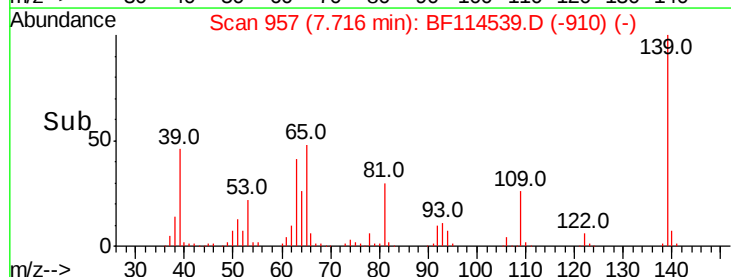
65 48.3 40.2 60.2

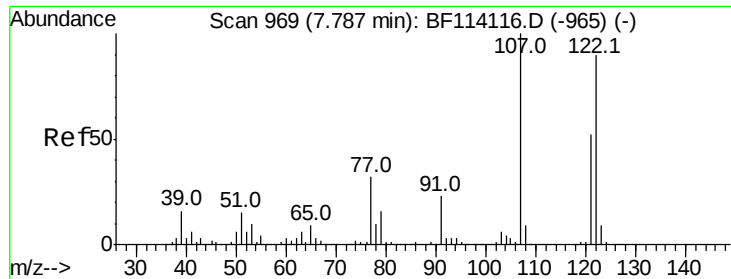


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

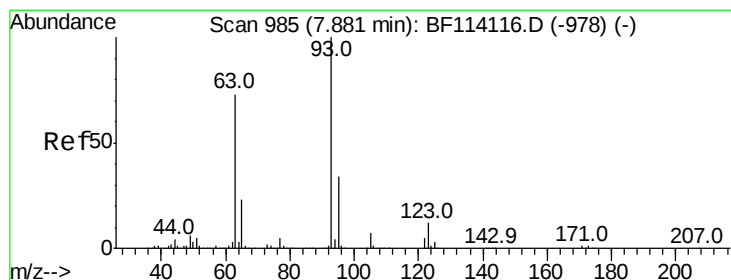
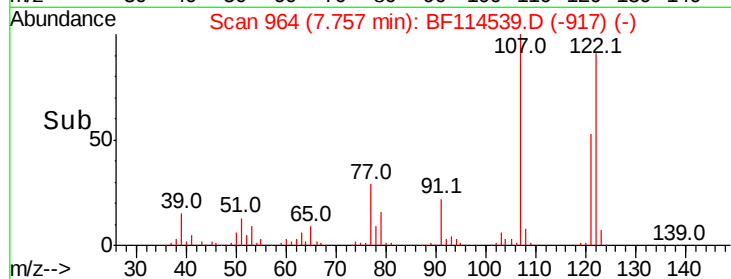
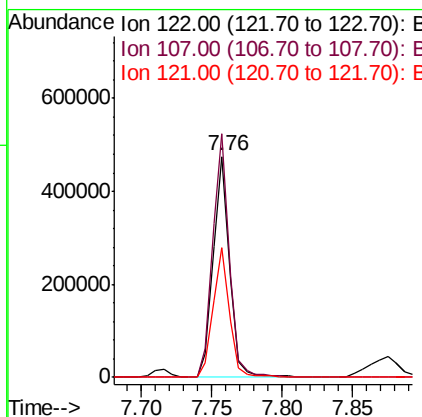
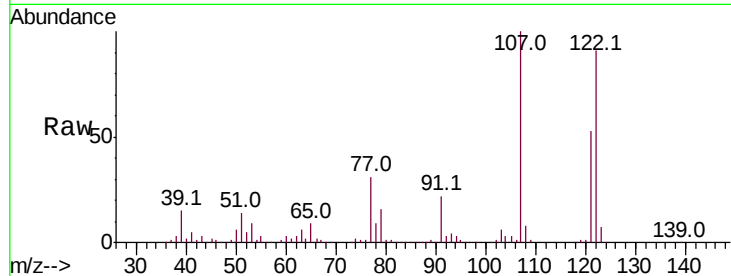




#27
2,4-Dimethylphenol
Concen: 43.312 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

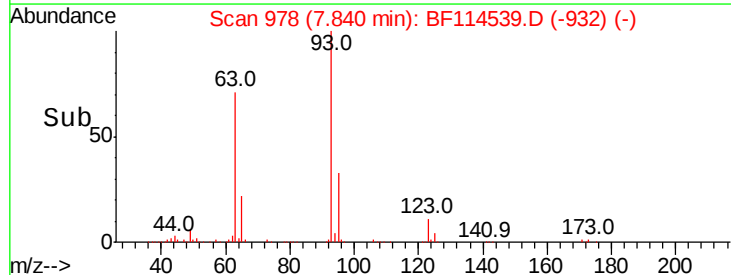
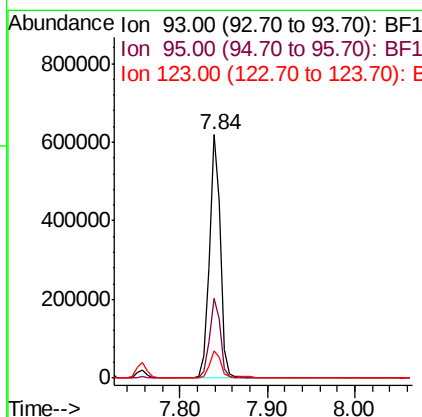
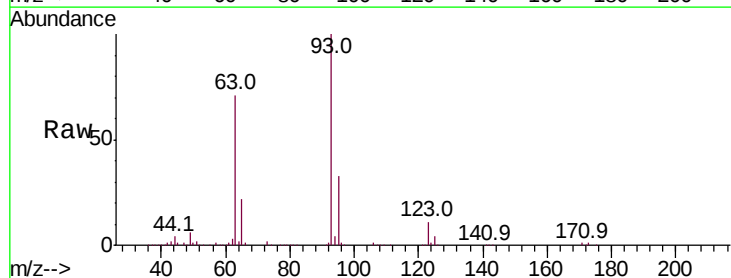
Instrument :
BNA_F
ClientSampleId :

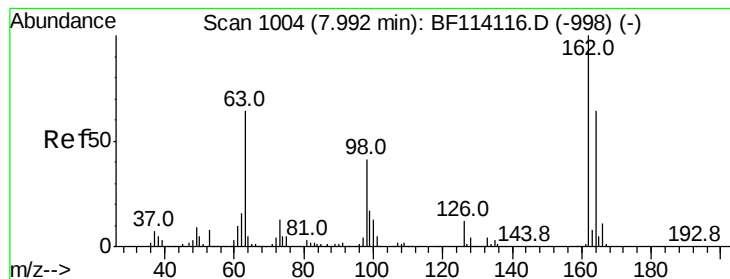
Tot Ion:122 Resp: 381956
Ion Ratio Lower Upper
122 100
107 110.4 88.4 132.6
121 58.5 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 39.103 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion: 93 Resp: 534680
Ion Ratio Lower Upper
93 100
95 33.0 26.8 40.2
123 11.4 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 42.593 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

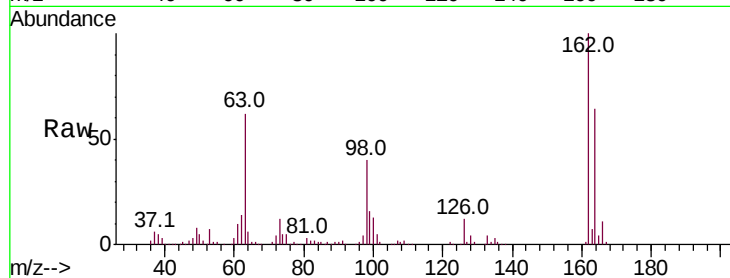
Tot Ion:162 Resp: 374028

Ion Ratio Lower Upper

162 100

164 63.8 43.6 83.6

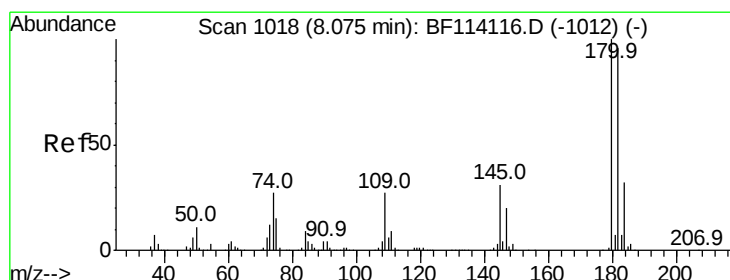
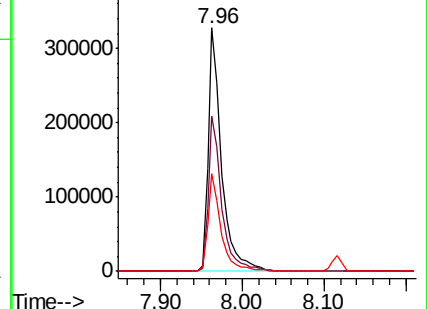
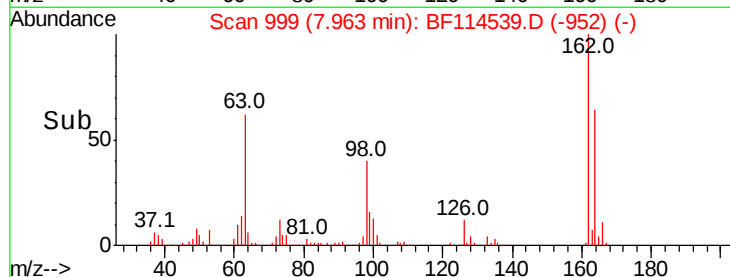
98 40.0 20.6 60.6



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: 38.430 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

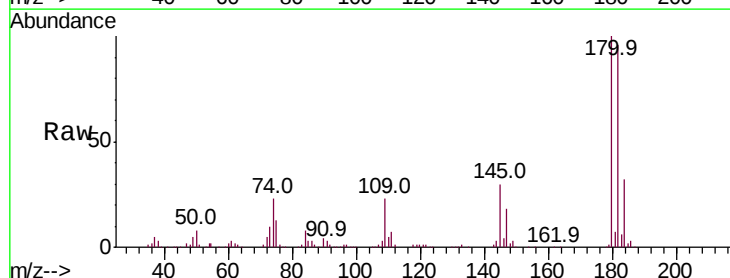
Tgt Ion:180 Resp: 383747

Ion Ratio Lower Upper

180 100

182 96.0 76.6 114.8

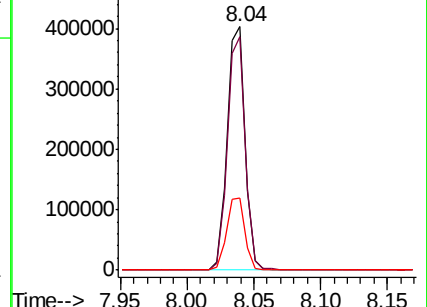
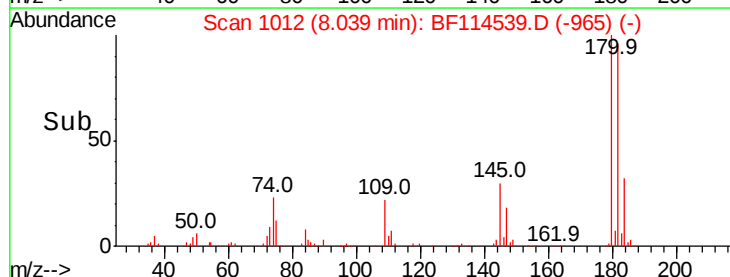
145 29.8 25.1 37.7

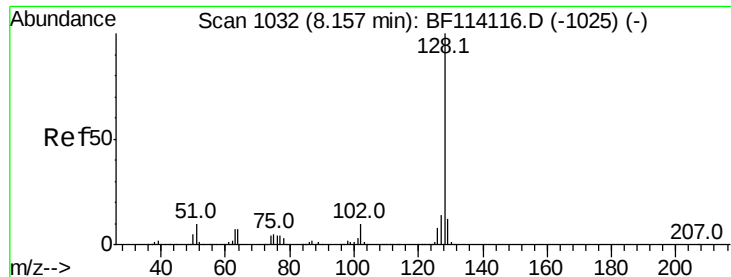


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

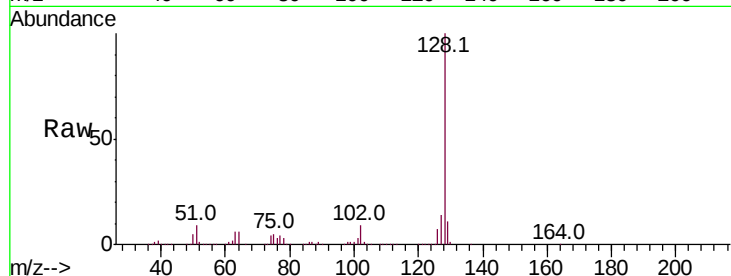




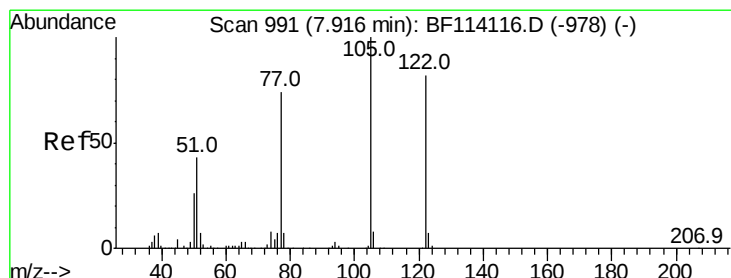
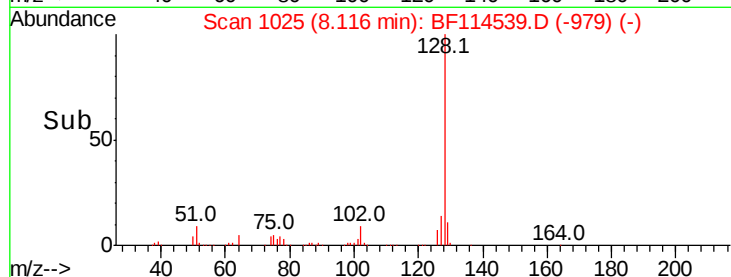
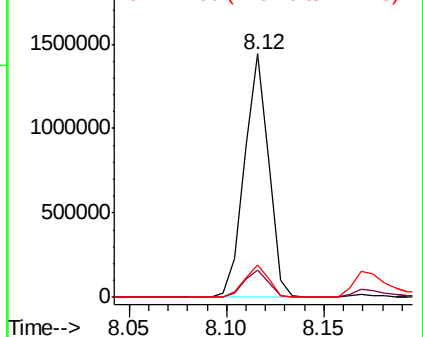
#31
Naphthalene
Concen: 41.638 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1240308
Ion Ratio Lower Upper
128 100
129 11.2 9.6 14.4
127 13.6 11.3 16.9

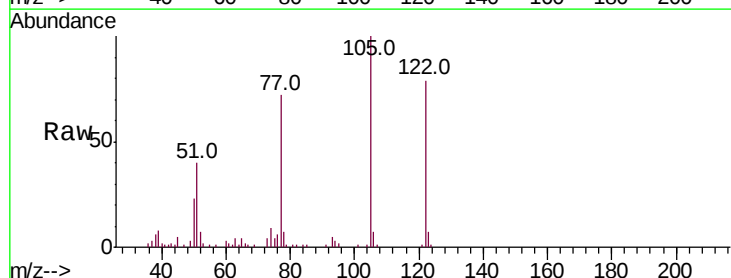


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

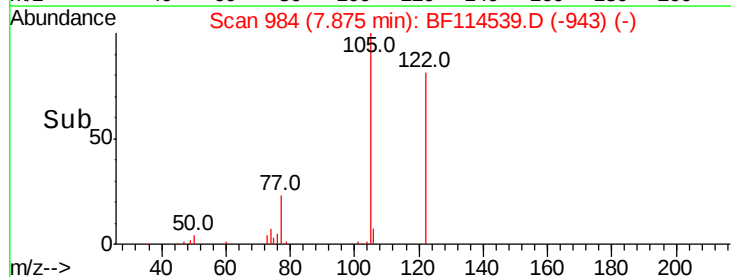
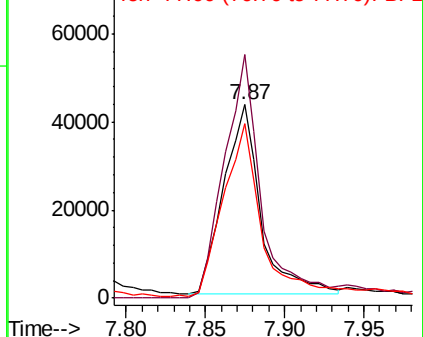


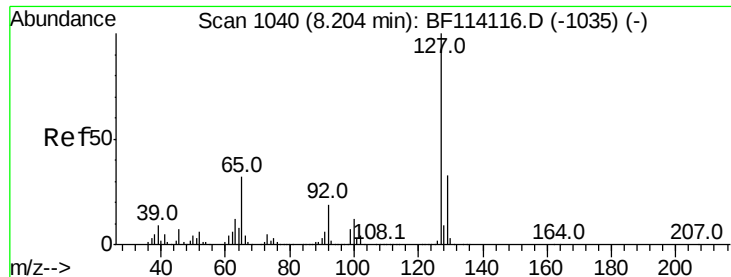
#32
Benzoic acid
Concen: 16.550 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.06 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:122 Resp: 70185
Ion Ratio Lower Upper
122 100
105 125.9 99.9 139.9
77 90.2 69.4 109.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

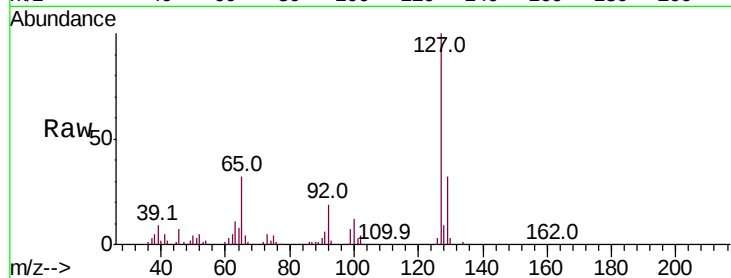




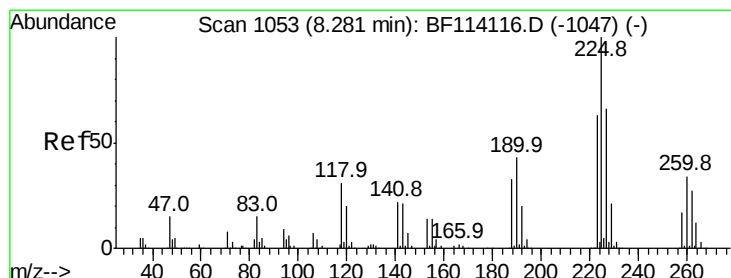
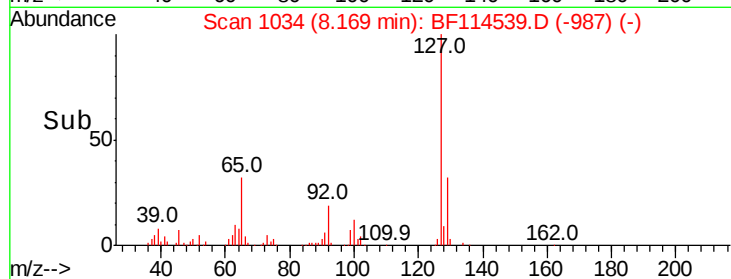
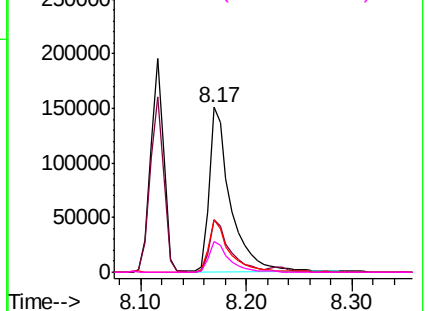
#33
4-Chloroaniline
Concen: 15.636 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	212245
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.7	40.1
65	32.2	25.4	38.0
92	19.0	15.4	23.2

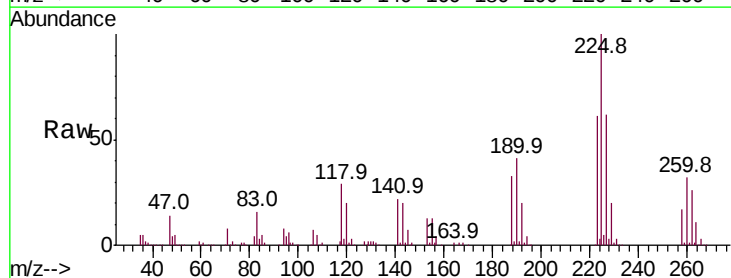


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

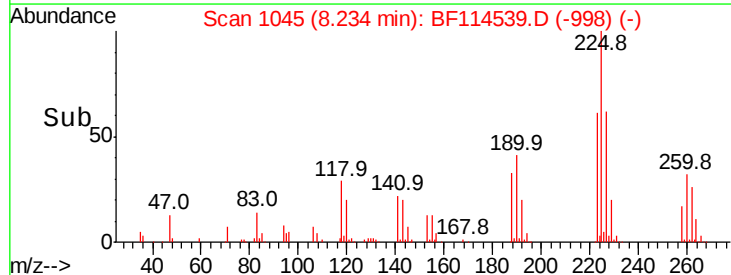
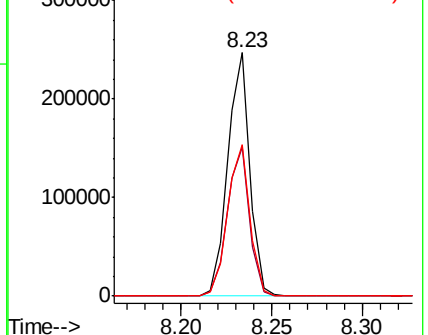


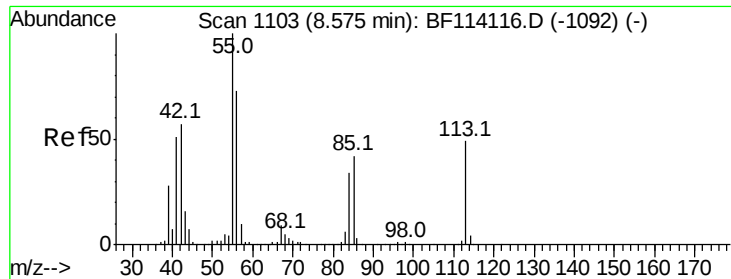
#34
Hexachlorobutadiene
Concen: 36.820 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:	225	Resp:	209199
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.2	75.2
227	62.2	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

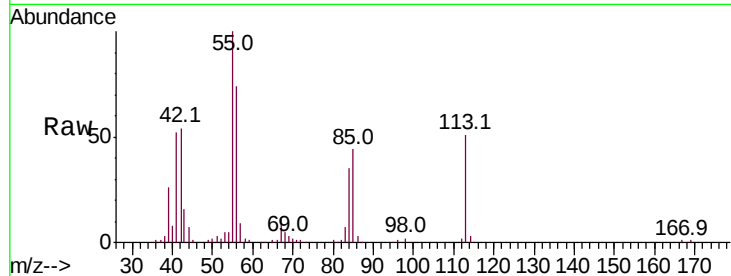




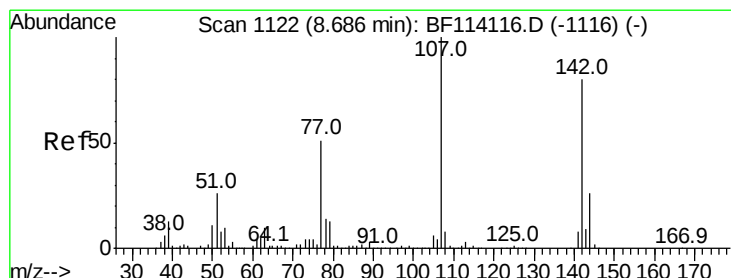
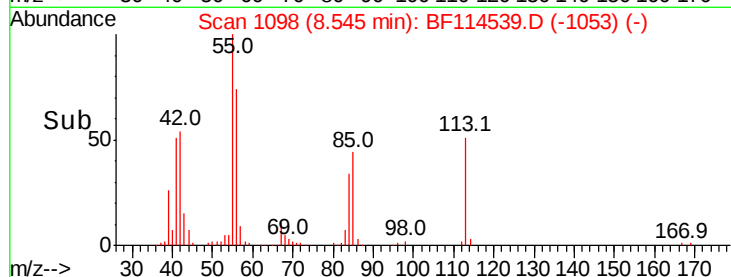
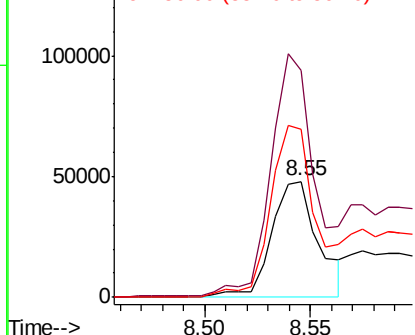
#35
 Caprolactam
 Concen: 25.751 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.04 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 73735
 Ion Ratio Lower Upper
 113 100
 55 195.0 183.5 223.5
 56 144.4 128.8 168.8

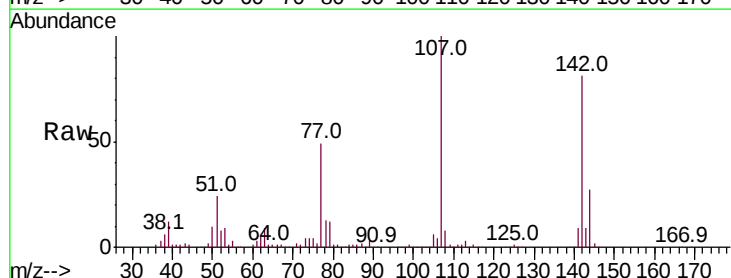


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

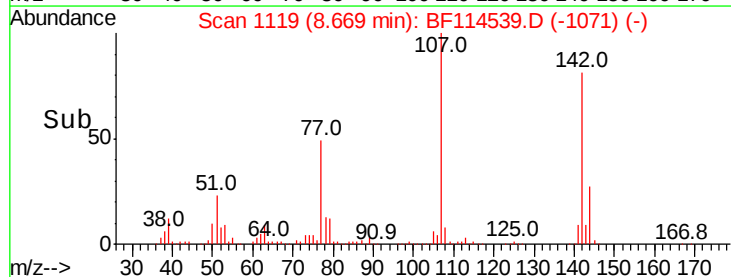
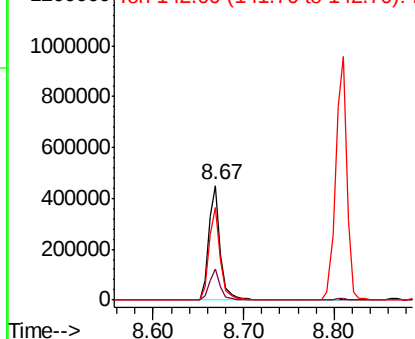


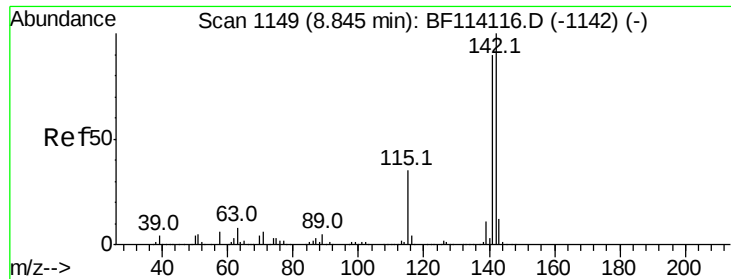
#36
 4-Chloro-3-methylphenol
 Concen: 45.646 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Tgt Ion:107 Resp: 403470
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.4 30.6
 142 81.3 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

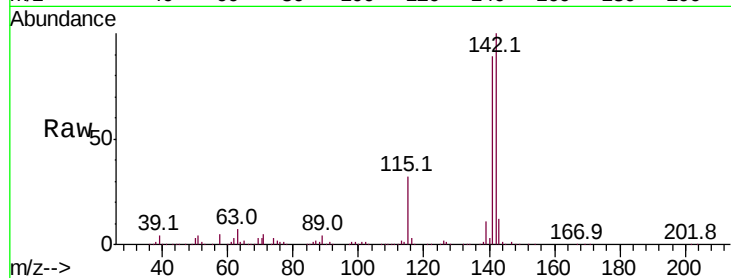




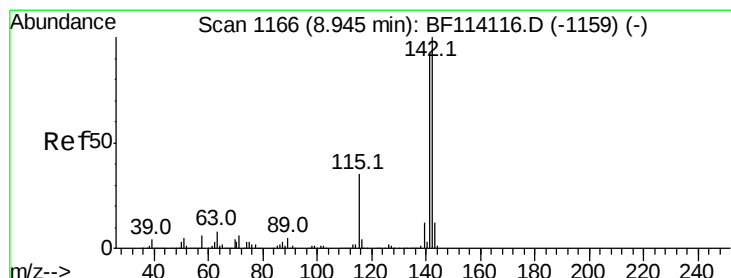
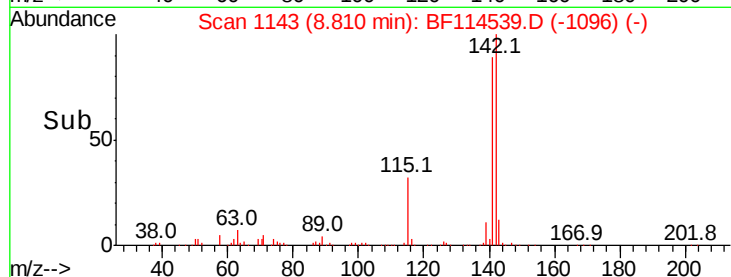
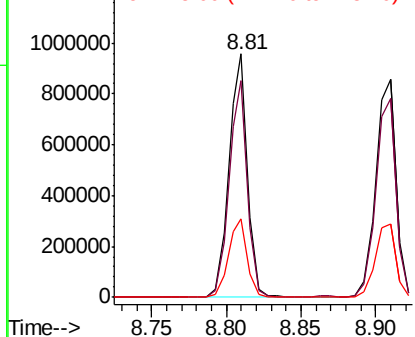
#37
2-Methylnaphthalene
Concen: 43.599 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 837924
Ion Ratio Lower Upper
142 100
141 88.9 72.1 108.1
115 32.2 28.0 42.0

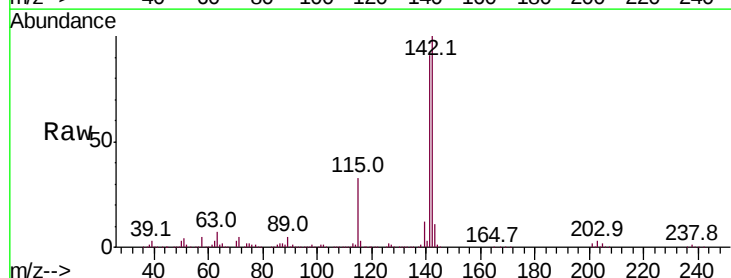


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

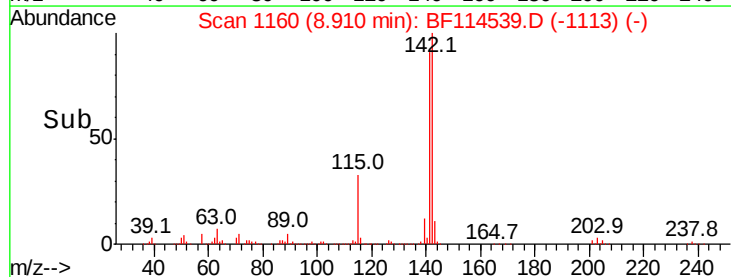
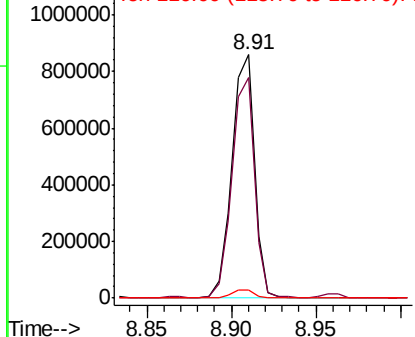


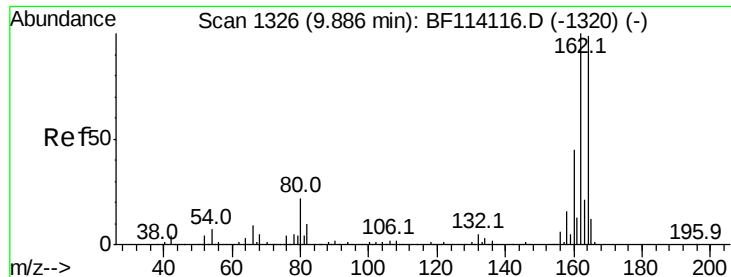
#38
1-Methylnaphthalene
Concen: 43.906 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:142 Resp: 794645
Ion Ratio Lower Upper
142 100
141 90.7 73.4 110.0
116 3.5 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

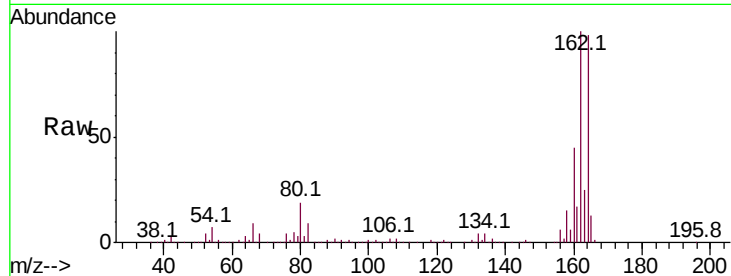




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	45.8	36.5	54.7

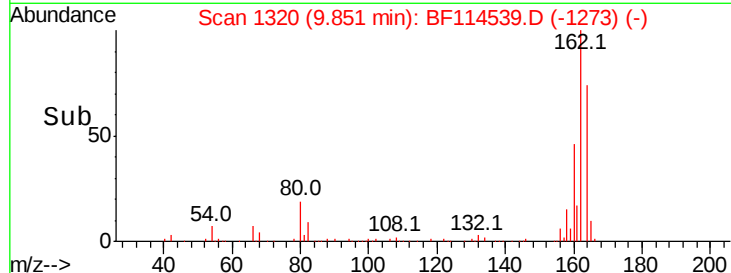
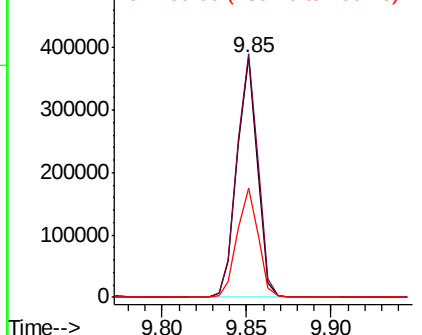


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.118 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.9	95.9
179	20.8	17.0	25.6
108	17.8	14.8	22.2

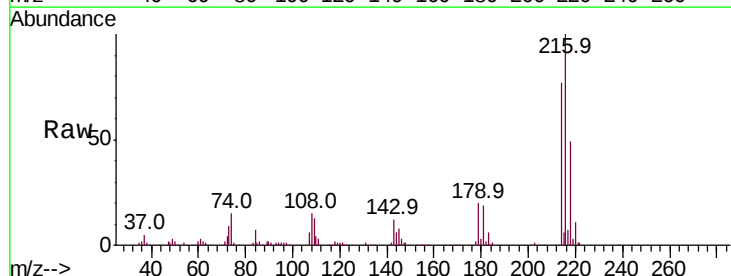
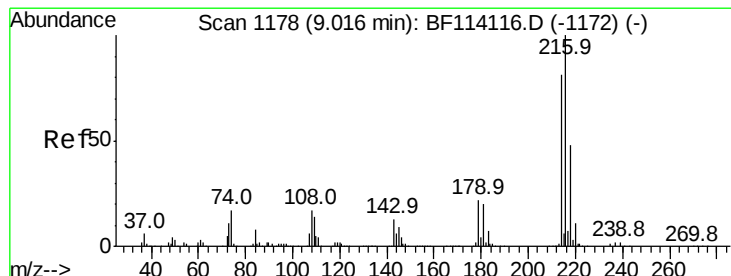
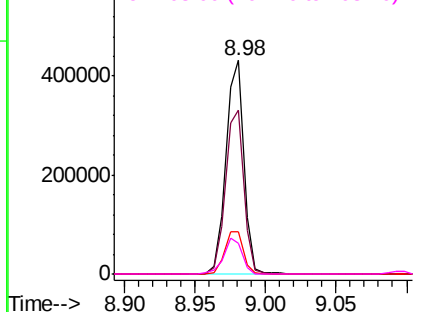
Abundance

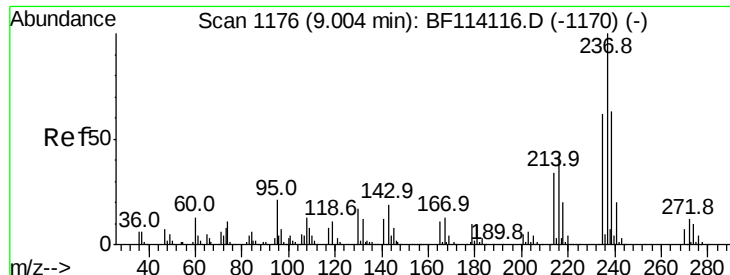
Ion 216.00 (215.70 to 216.70): E

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

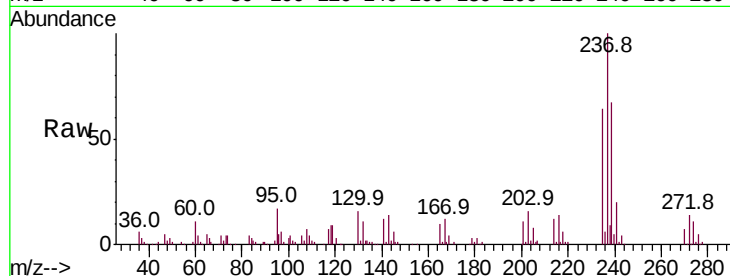




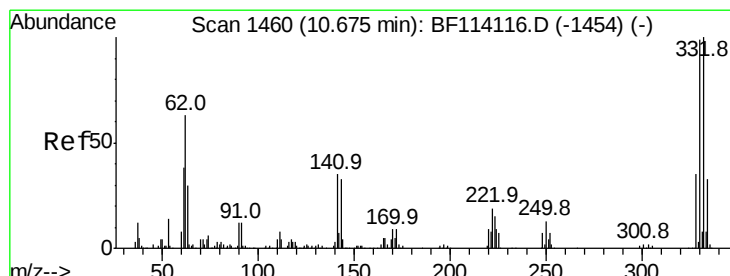
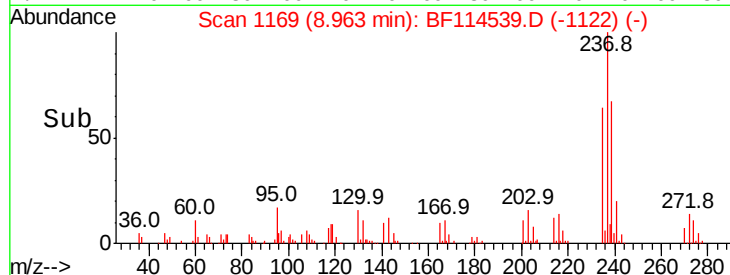
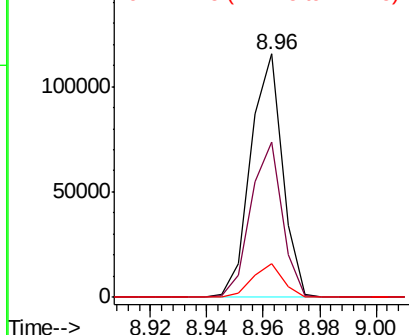
#41
Hexachlorocyclopentadiene
Concen: 23.164 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.7	42.0	82.0
272	13.6	0.0	32.4

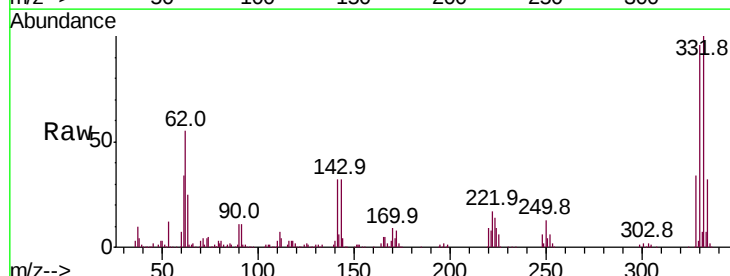


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

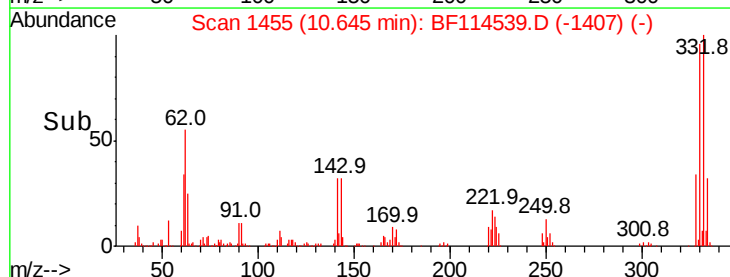
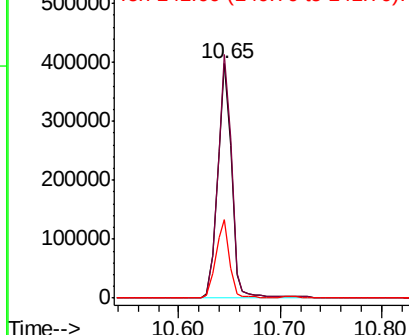


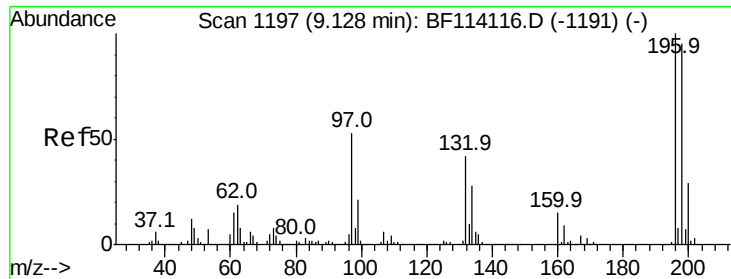
#42
2,4,6-Tribromophenol
Concen: 115.041 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.9	81.4	122.2
141	33.0	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

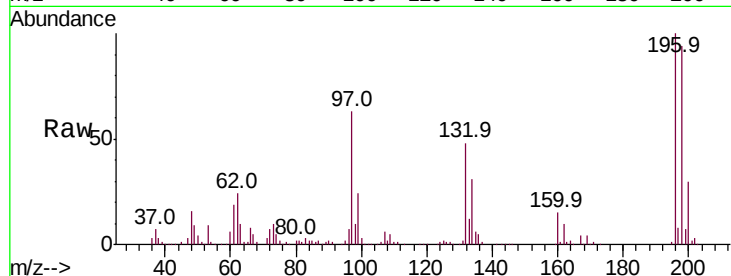




#43
 2,4,6-Trichlorophenol
 Concen: 38.663 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.6	75.9	113.9
200	29.9	23.5	35.3

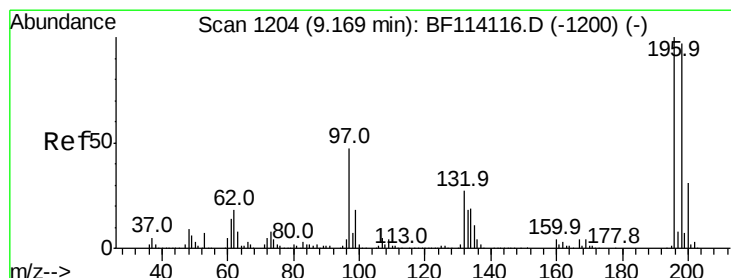
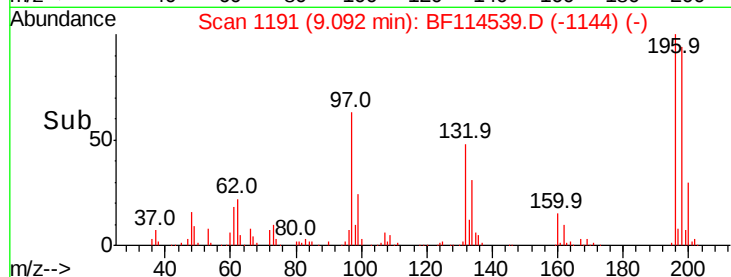
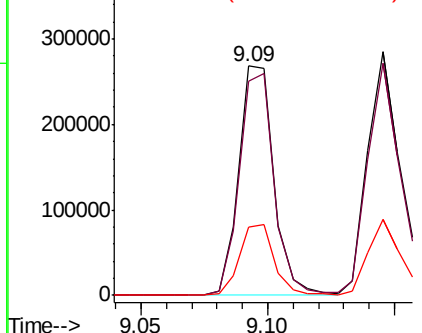


Abundance

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: 39.835 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.7	116.5
97	49.3	38.2	57.2
132	28.7	21.4	32.2

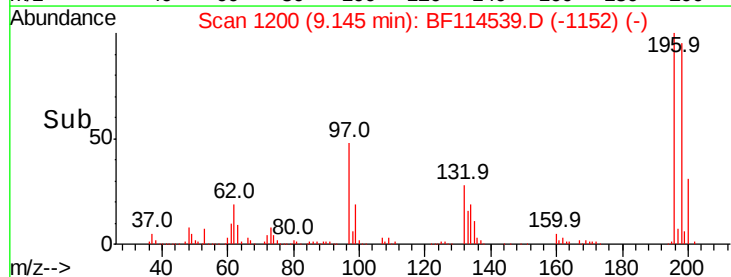
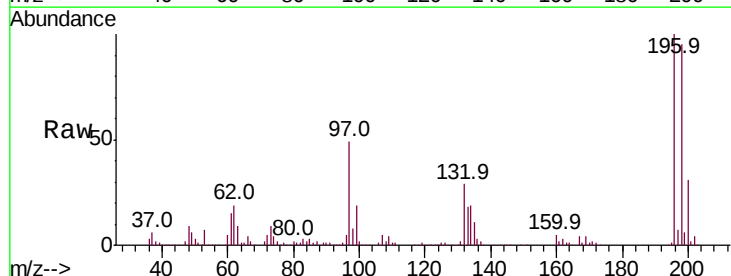
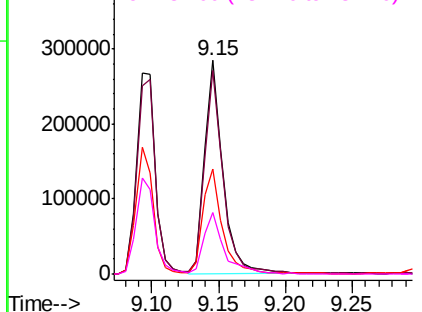
Abundance

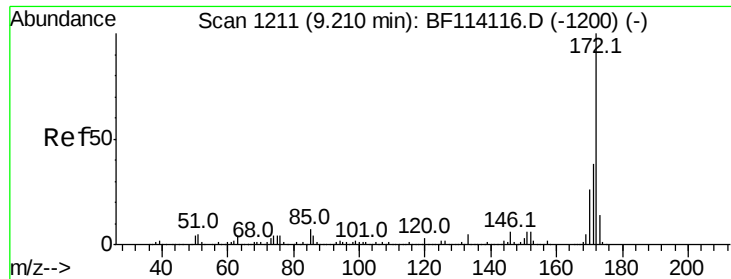
Ion 196.00 (195.70 to 196.70): E

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

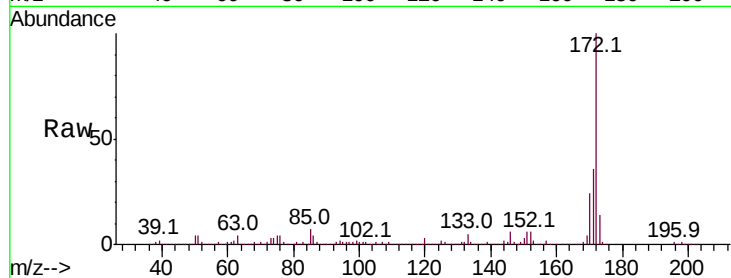




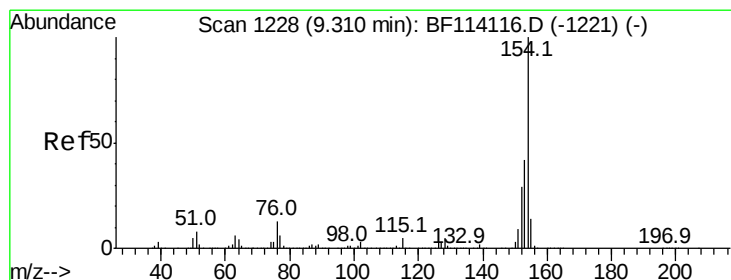
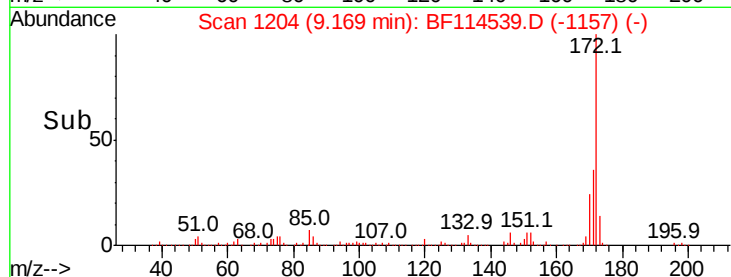
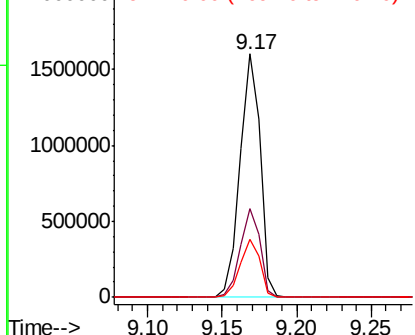
#45
2-Fluorobiphenyl
Concen: 71.194 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1510560
Ion Ratio Lower Upper
172 100
171 36.4 30.7 46.1
170 24.0 20.5 30.7

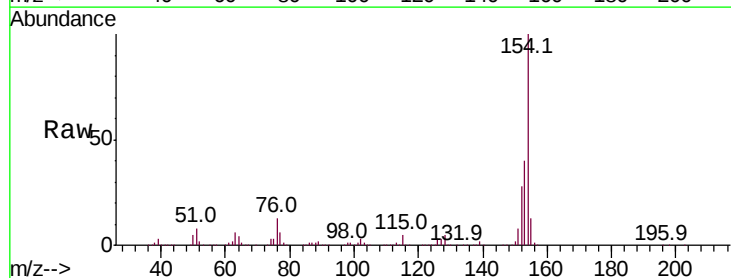


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

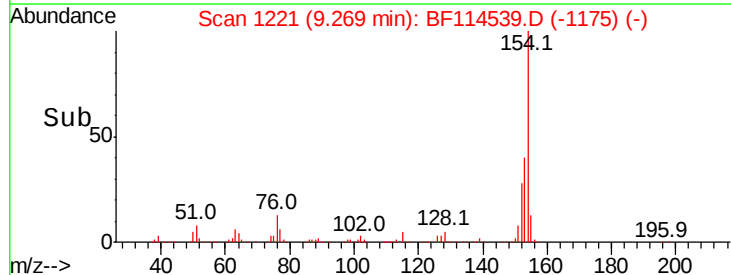
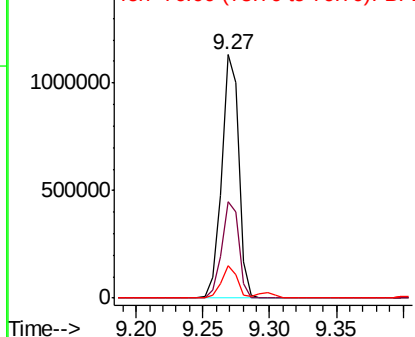


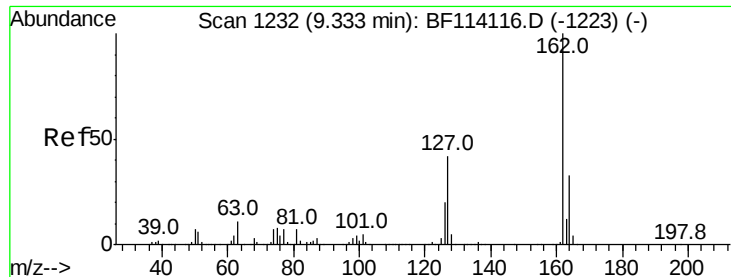
#46
1,1'-Biphenyl
Concen: 39.599 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.03 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:154 Resp: 1026745
Ion Ratio Lower Upper
154 100
153 39.8 21.9 61.9
76 13.1 0.0 32.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

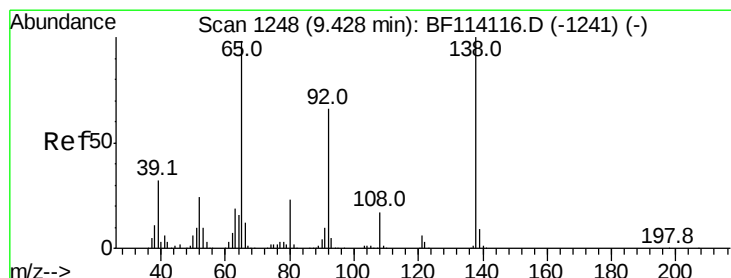
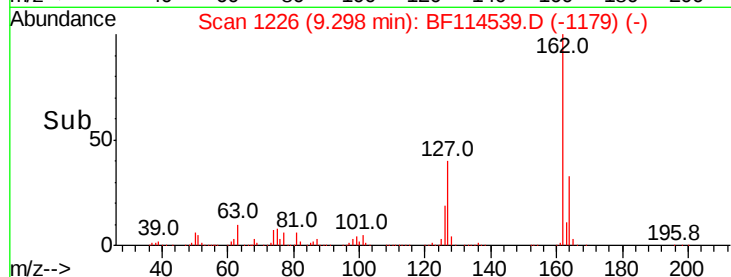
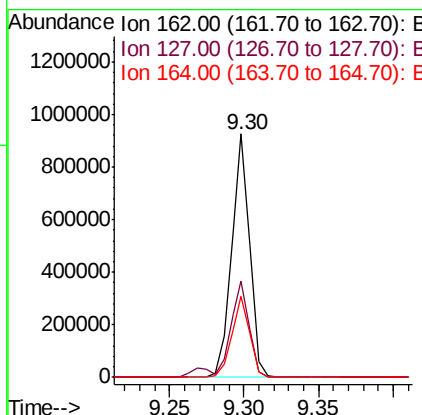
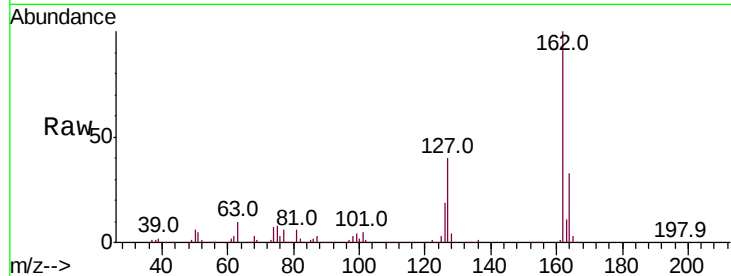




#47
 2-Chloronaphthalene
 Concen: 37.791 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

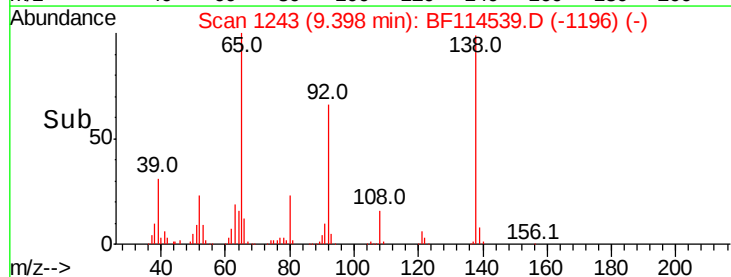
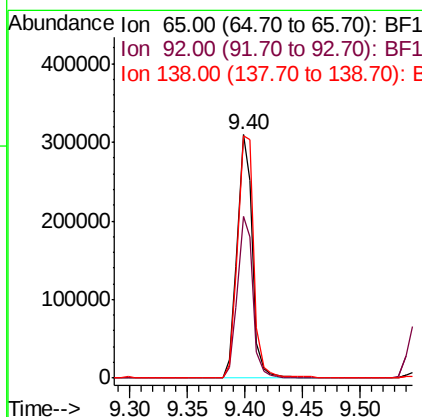
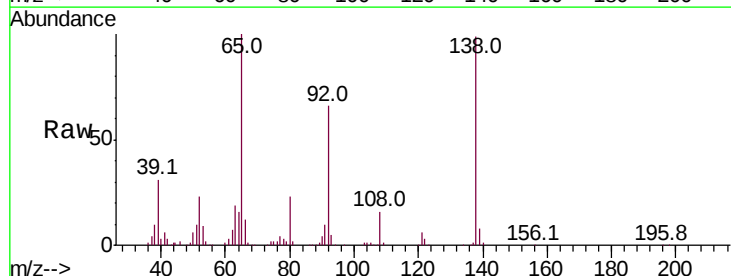
Instrument :
 BNA_F
 ClientSampleId :

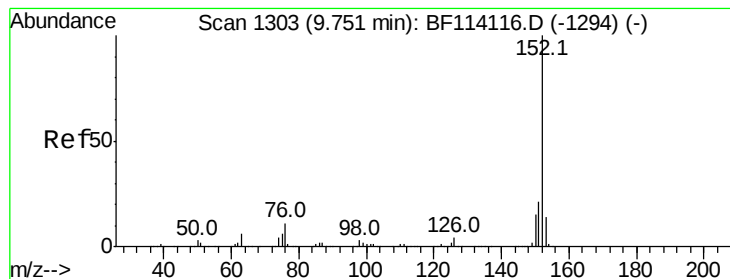
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	34.0	51.0
164	33.1	26.7	40.1



#48
 2-Nitroaniline
 Concen: 38.295 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.4	53.9	80.9
138	99.5	81.4	122.0





#49

Acenaphthylene

Concen: 39.883 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

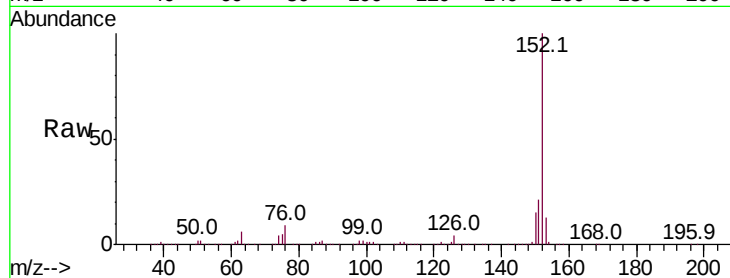
Tot Ion:152 Resp: 1265792

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

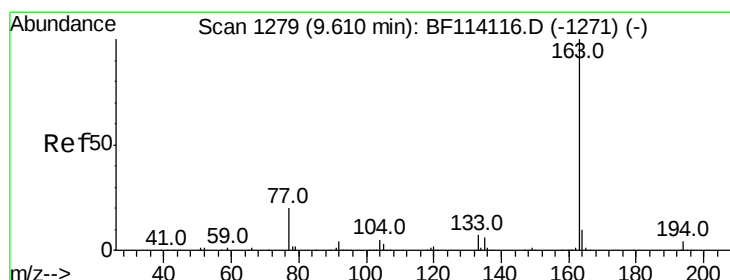
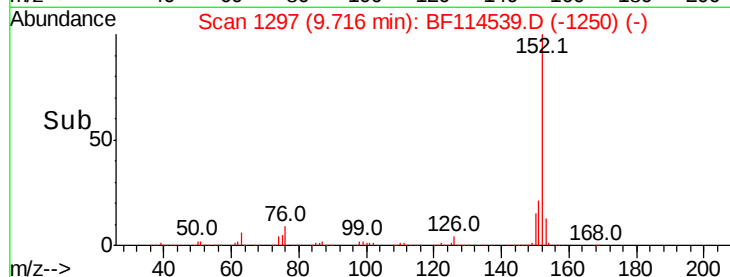
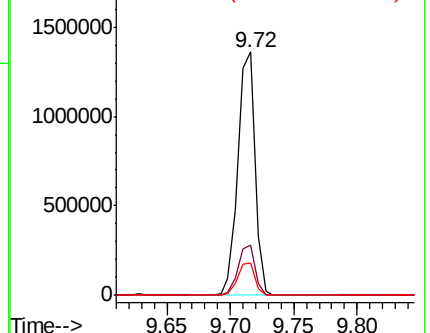
153 13.5 11.4 17.2



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: 46.071 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

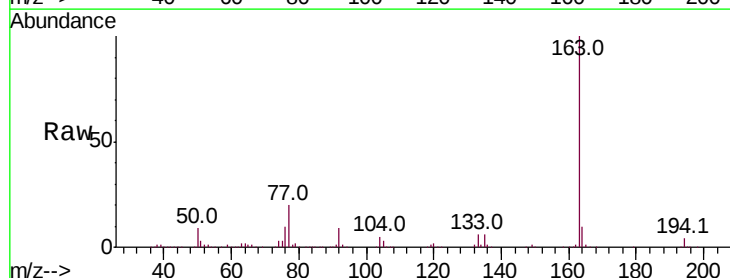
Tgt Ion:163 Resp: 1085477

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

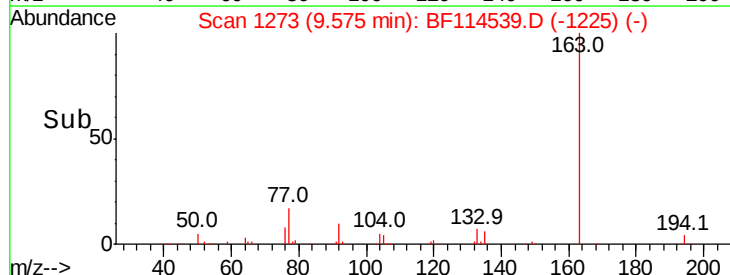
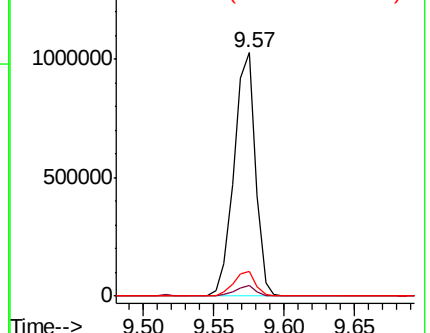
164 10.1 8.2 12.2

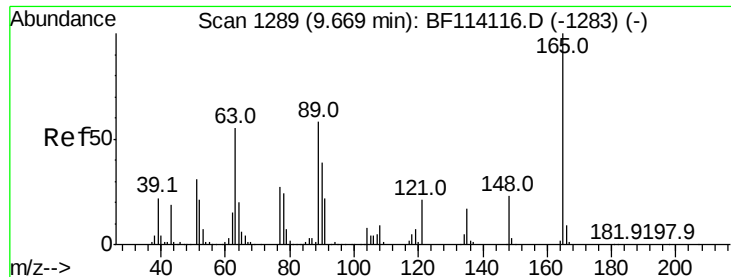


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

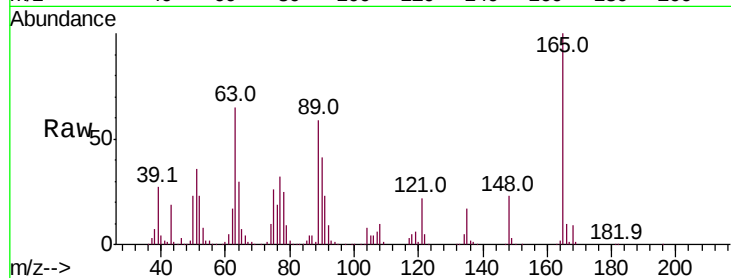




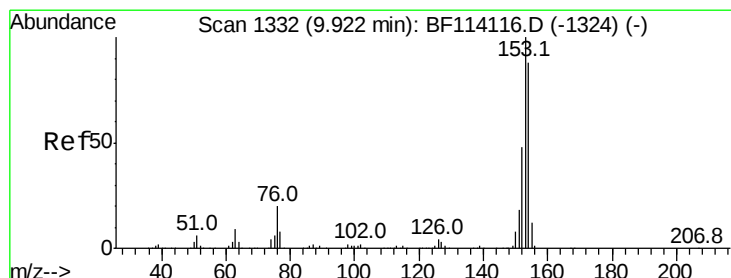
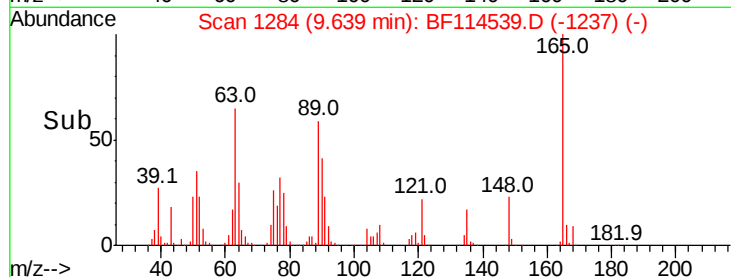
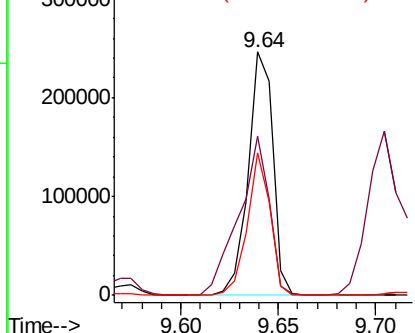
#51
2,6-Dinitrotoluene
Concen: 41.493 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 216833
Ion Ratio Lower Upper
165 100
63 65.4 50.2 75.4
89 58.6 46.6 69.8

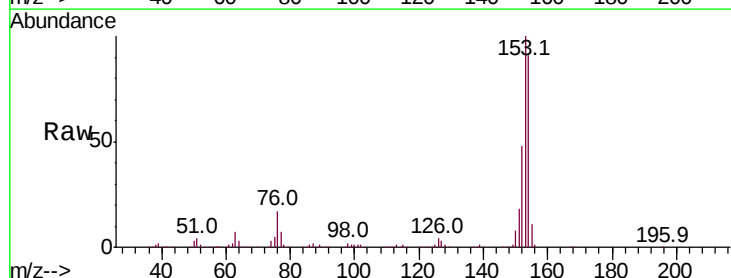


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

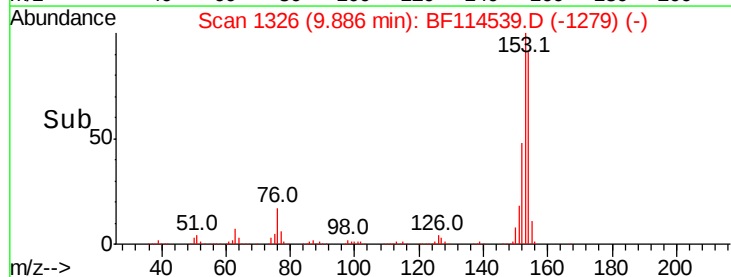
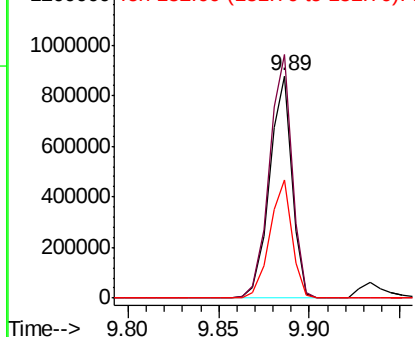


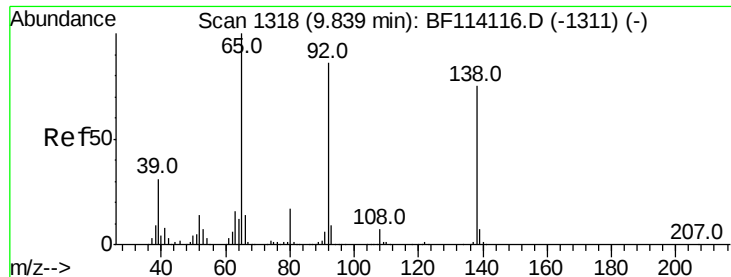
#52
Acenaphthene
Concen: 38.640 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:154 Resp: 752526
Ion Ratio Lower Upper
154 100
153 109.6 90.5 135.7
152 53.1 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

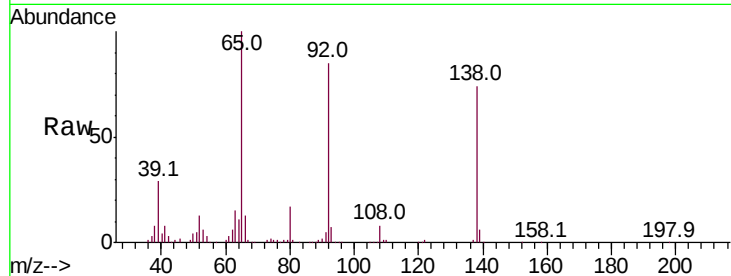




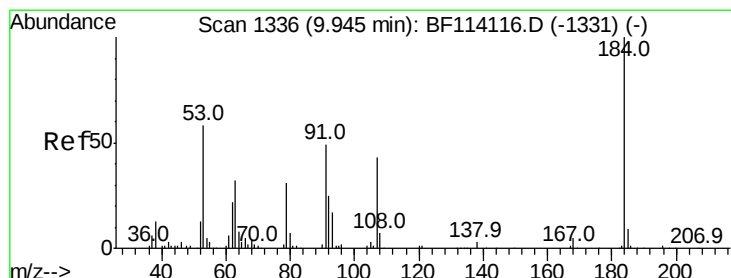
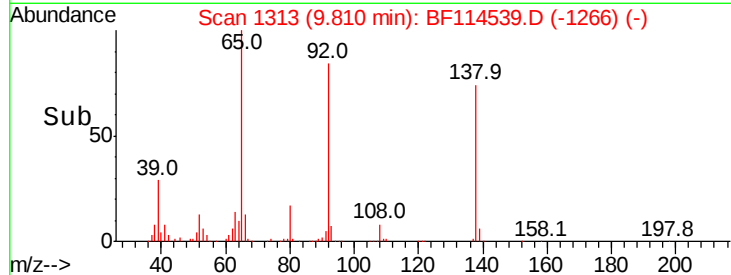
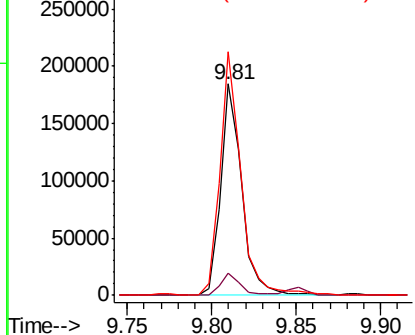
#53
3-Nitroaniline
Concen: 24.916 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 161630
Ion Ratio Lower Upper
138 100
108 10.4 7.8 11.6
92 115.1 91.2 136.8

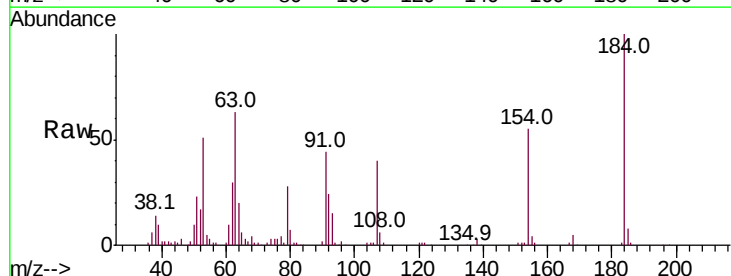


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

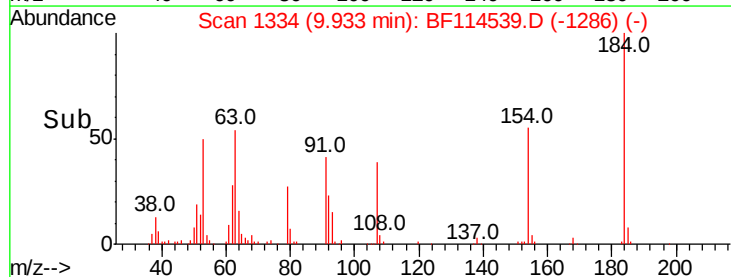
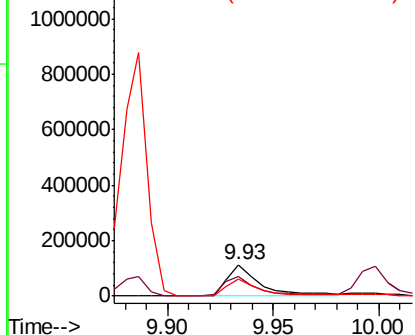


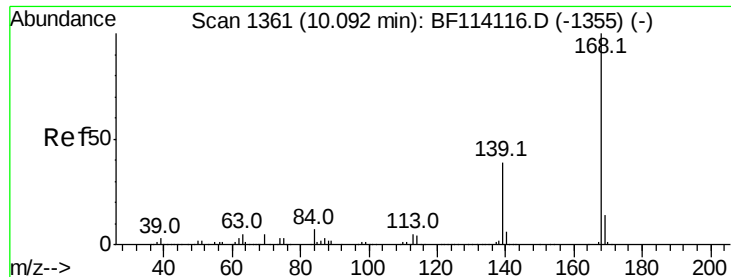
#54
2,4-Dinitrophenol
Concen: 49.403 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:184 Resp: 122412
Ion Ratio Lower Upper
184 100
63 62.6 55.6 83.4
154 54.7 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: 38.179 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

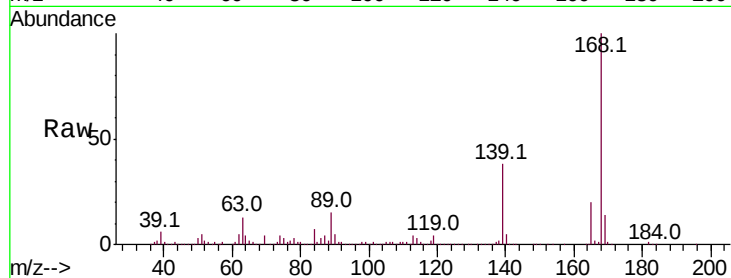
Instrument :

BNA_F

ClientSampleId :

Tot Ion:168 Resp: 1090317

Ion	Ratio	Lower	Upper
168	100		
139	38.2	31.1	46.7
169	13.8	11.4	17.0

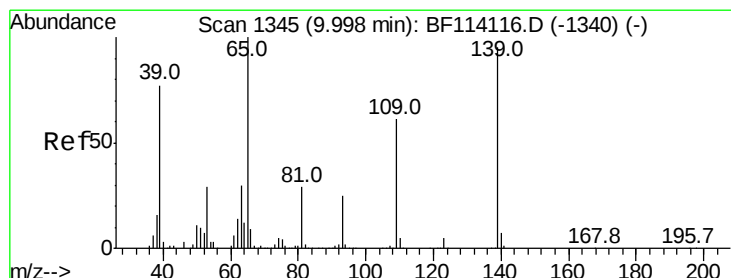
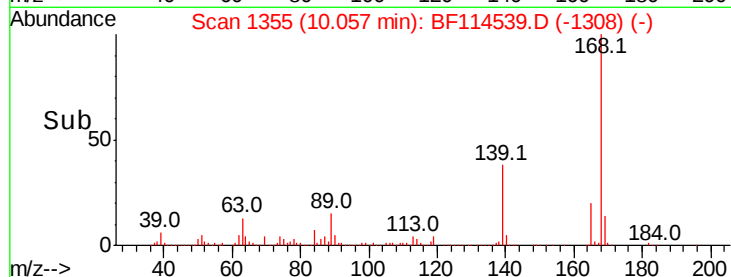
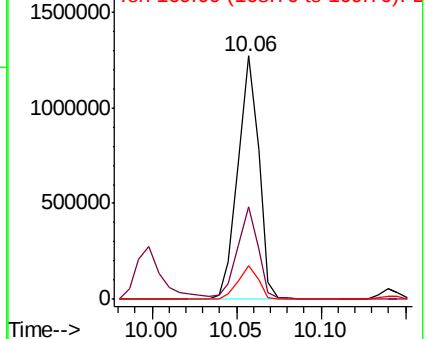


Abundance

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: 64.539 ng

RT: 10.00 min Scan# 1345

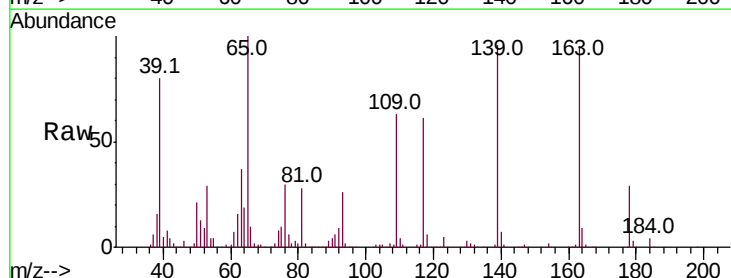
Delta R.T. -0.01 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Tgt Ion:139 Resp: 296075

Ion	Ratio	Lower	Upper
139	100		
109	66.0	43.9	83.9
65	104.2	85.7	125.7

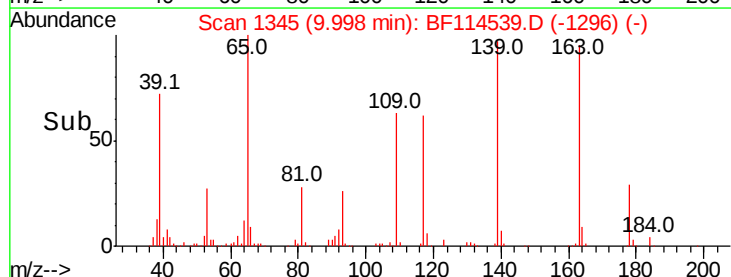
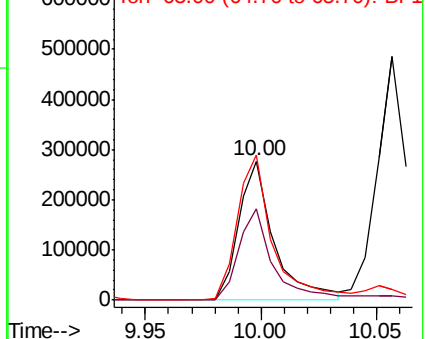


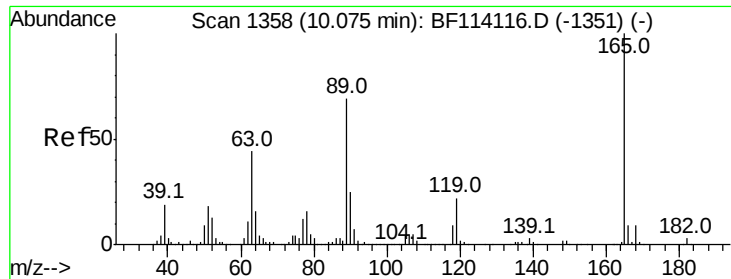
Abundance

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

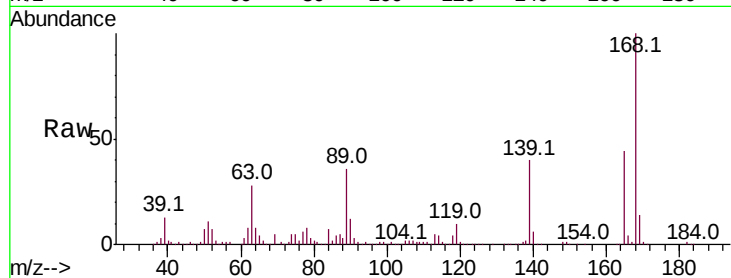




#57
2,4-Dinitrotoluene
Concen: 38.814 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.7	35.5	53.3
89	81.5	55.2	82.8
182	2.6	2.2	3.2



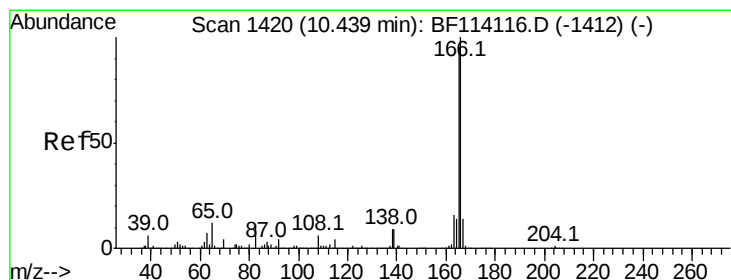
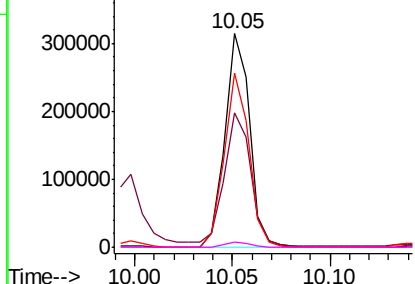
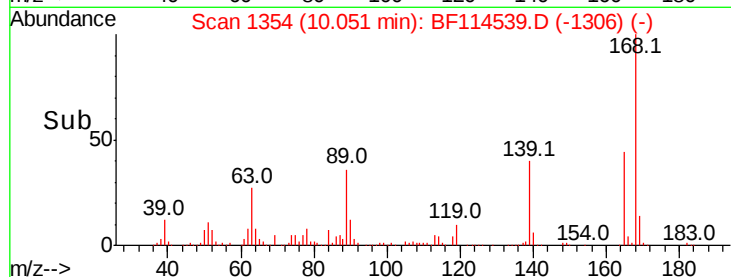
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

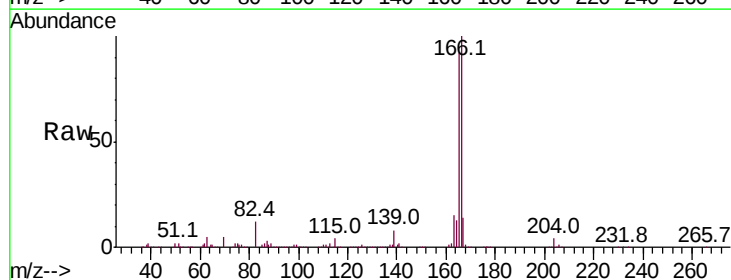
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.370 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.2	76.1	114.1
167	14.0	11.1	16.7

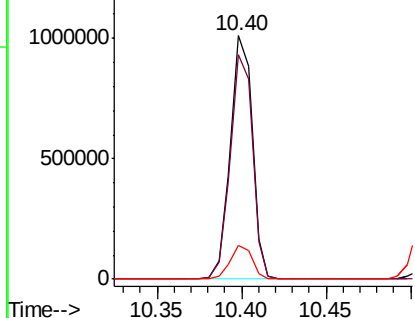
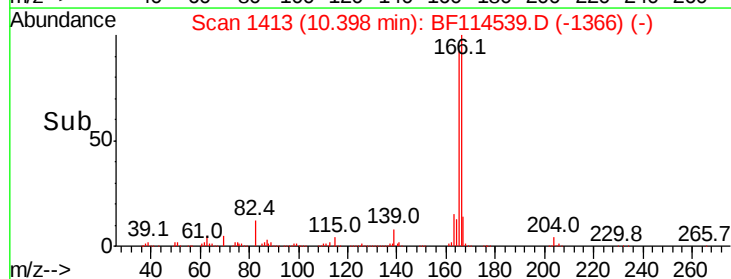


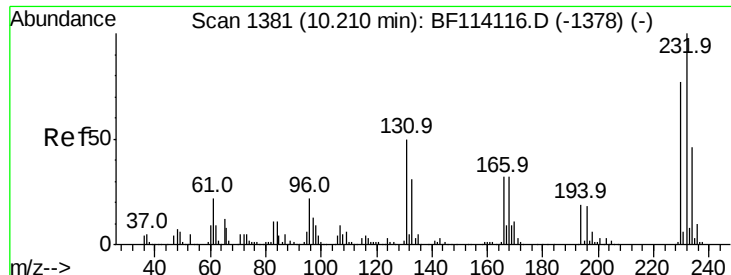
Abundance

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

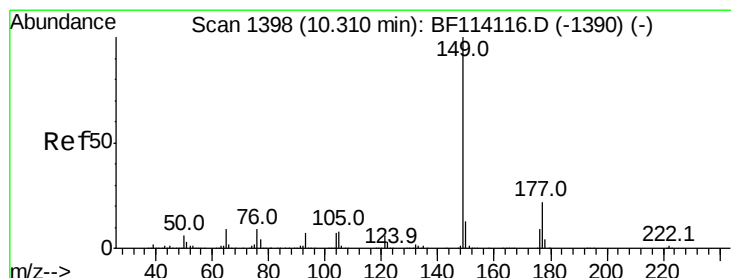
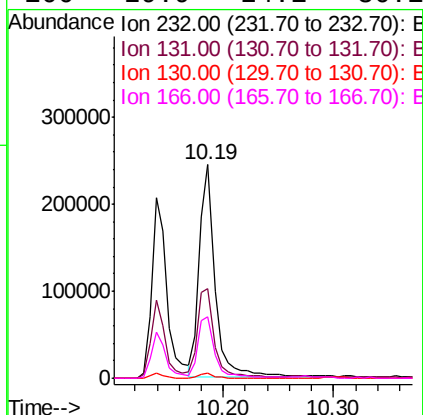
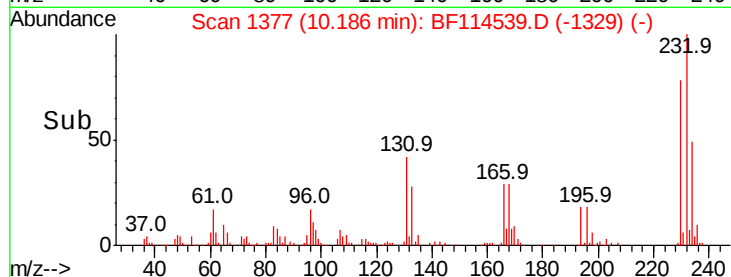
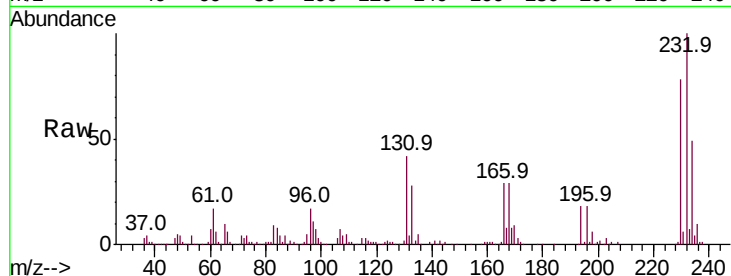




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.161 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

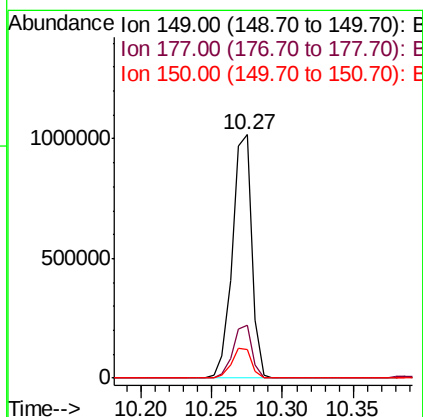
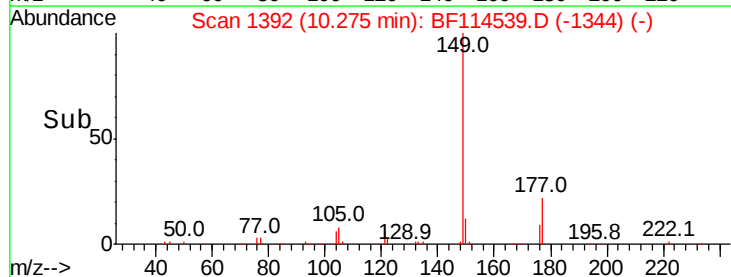
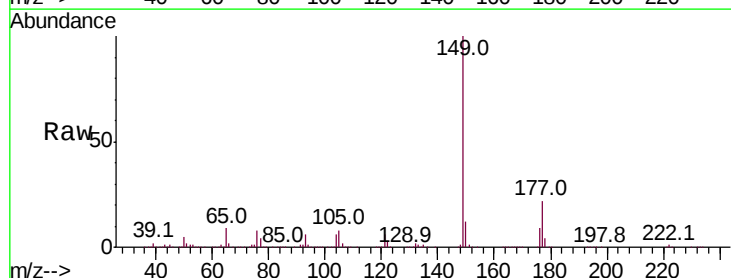
Instrument :
BNA_F
ClientSampleId :

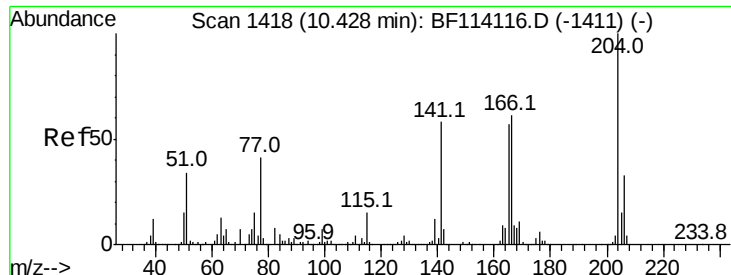
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.3	35.6	53.4
130	2.3	1.6	2.4
166	29.9	24.1	36.1



#60
Diethylphthalate
Concen: 40.879 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.8	26.6
150	12.0	10.2	15.2

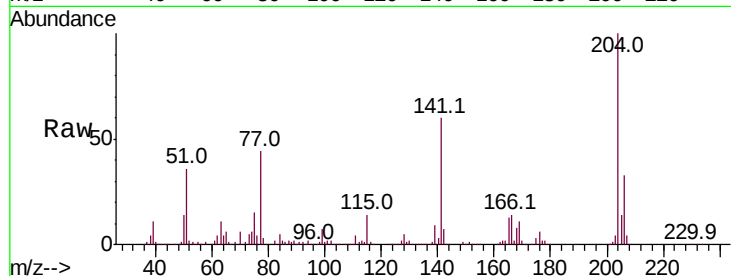




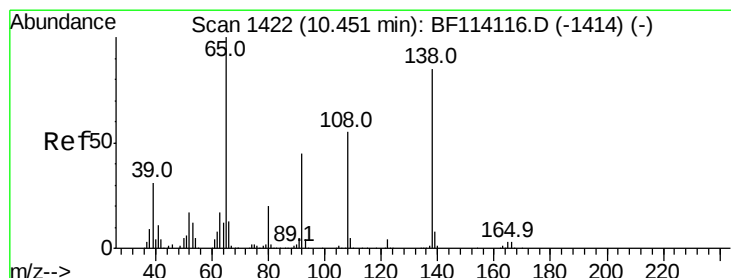
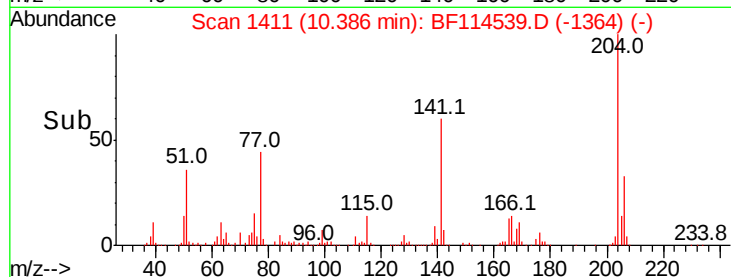
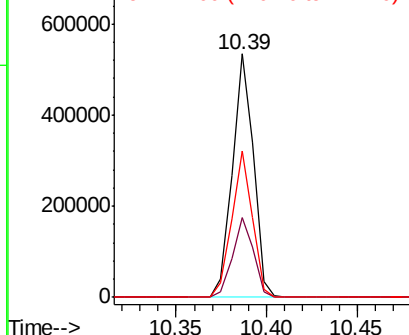
#61
4-Chlorophenyl-phenylether
Concen: 39.961 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 432942
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 59.9 46.4 69.6

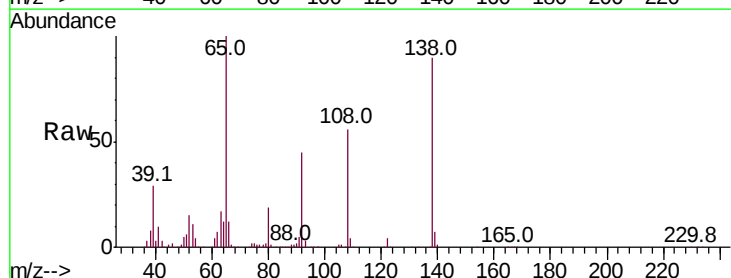


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

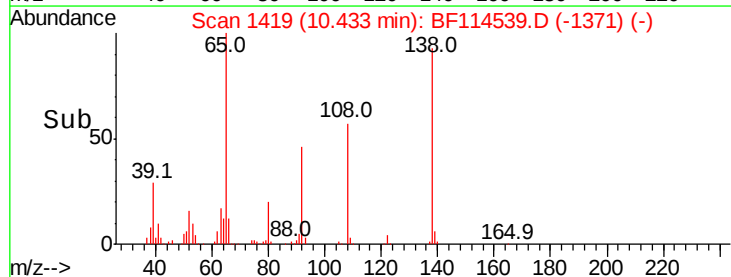
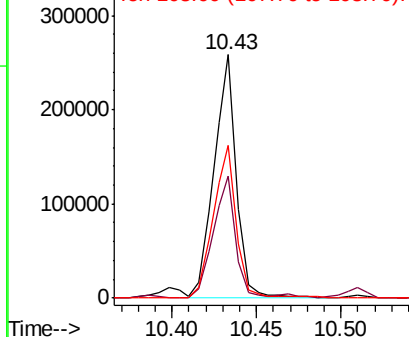


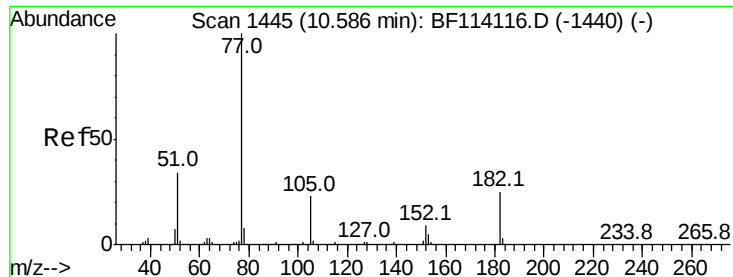
#62
4-Nitroaniline
Concen: 34.810 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:138 Resp: 237285
Ion Ratio Lower Upper
138 100
92 49.9 33.0 73.0
108 62.5 44.9 84.9



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





#63

Azobenzene

Concen: 39.730 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 920616

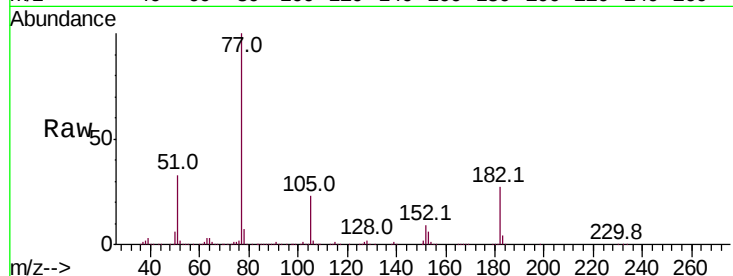
Ion Ratio Lower Upper

77 100

182 26.6 4.7 44.7

105 23.3 2.9 42.9

51 32.6 14.6 54.6

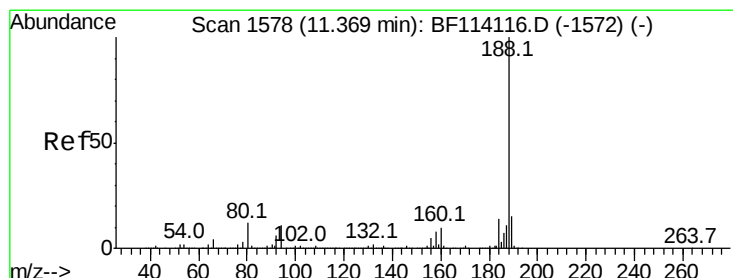
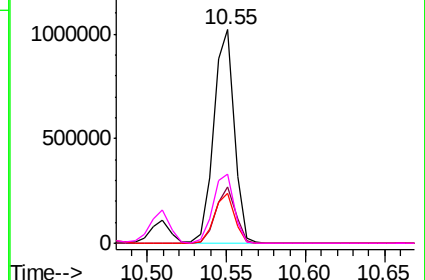
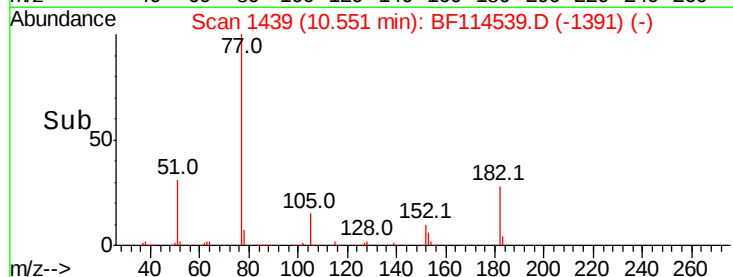


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

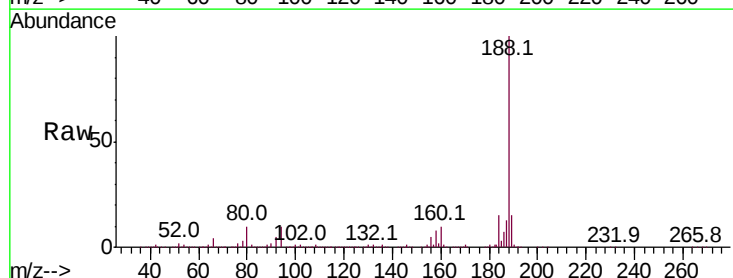
Tgt Ion: 188 Resp: 699805

Ion Ratio Lower Upper

188 100

94 9.7 8.4 12.6

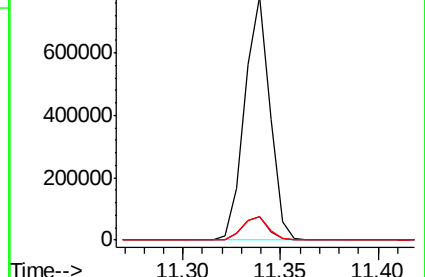
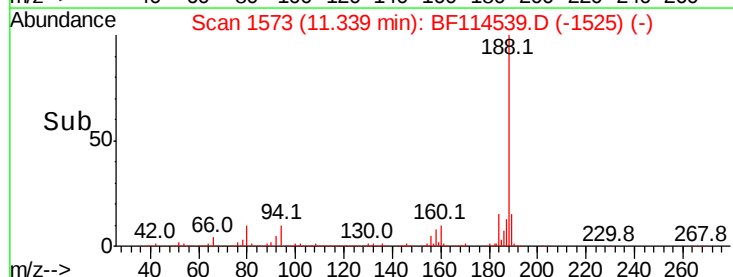
80 9.8 9.2 13.8

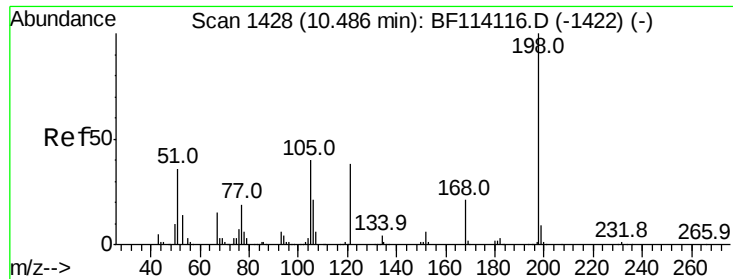


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

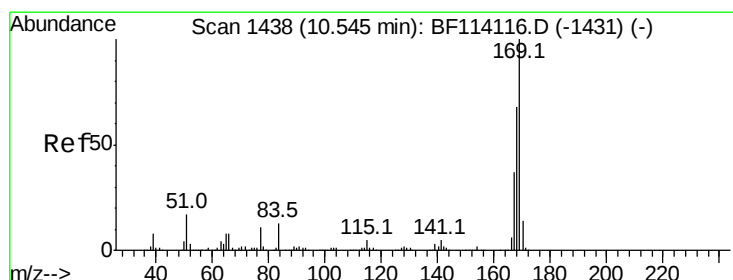
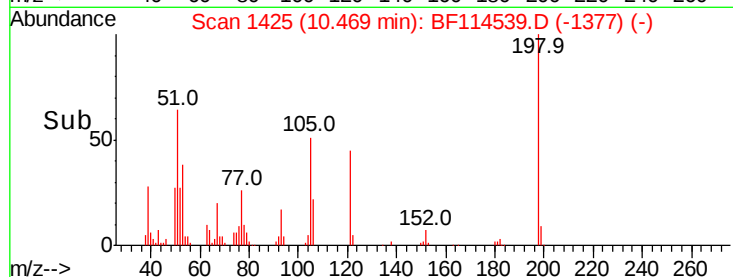
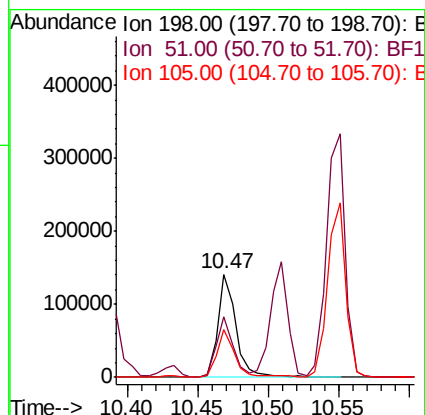
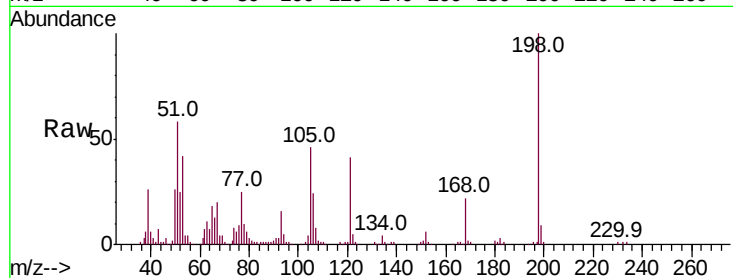




#65
4,6-Dinitro-2-methylphenol
Concen: 37.894 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

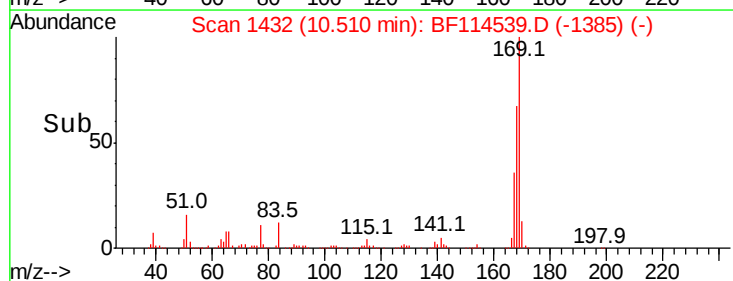
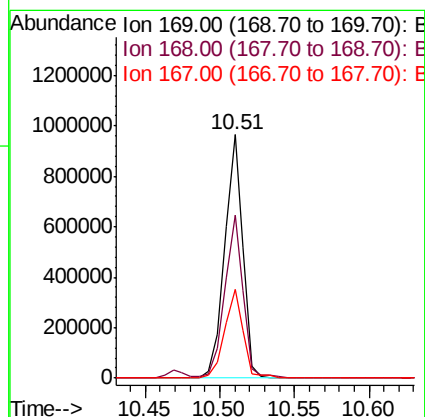
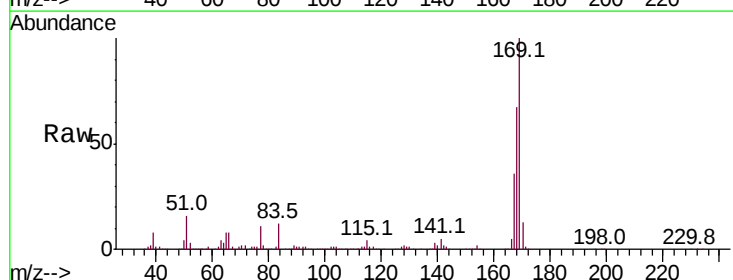
Instrument :
BNA_F
ClientSampled :

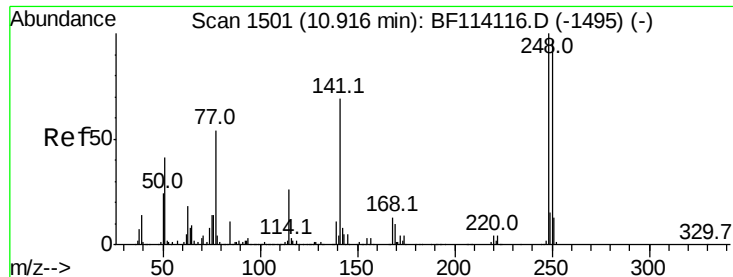
Tot Ion:198 Resp: 127423
Ion Ratio Lower Upper
198 100
51 58.4 28.0 68.0
105 46.1 21.1 61.1



#66
n-Nitrosodiphenylamine
Concen: 39.039 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:169 Resp: 829156
Ion Ratio Lower Upper
169 100
168 67.0 54.2 81.2
167 36.3 29.8 44.8





#67

4-Bromophenyl-phenylether

Concen: 36.145 ng

RT: 10.87 min Scan# 1494

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

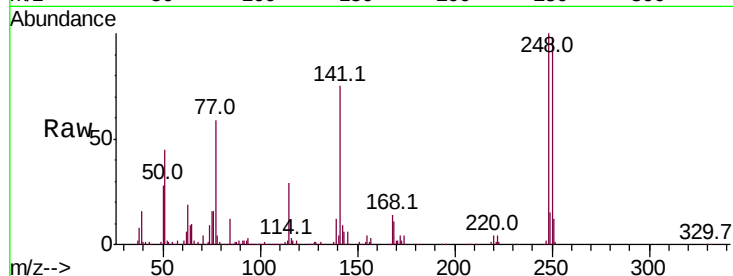
Tot Ion:248 Resp: 278504

Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.4	116.2
141	74.9	55.6	83.4

248 100

250 98.3 77.4 116.2

141 74.9 55.6 83.4

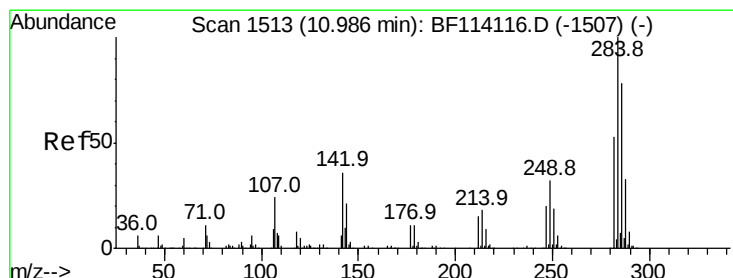
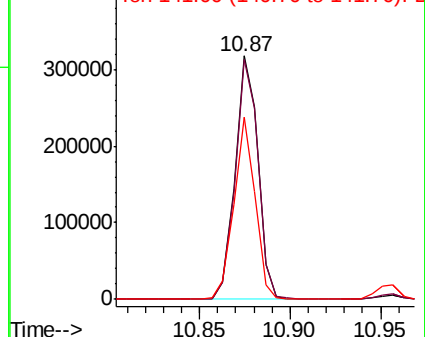
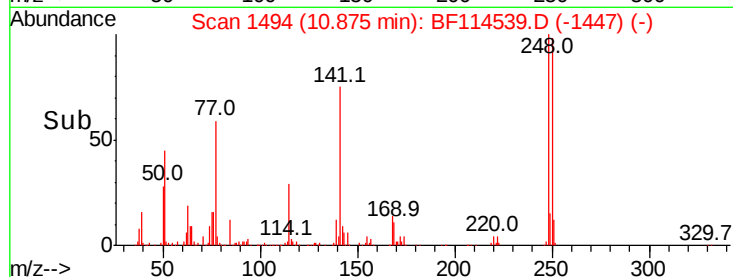


Abundance

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: 35.435 ng

RT: 10.96 min Scan# 1508

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

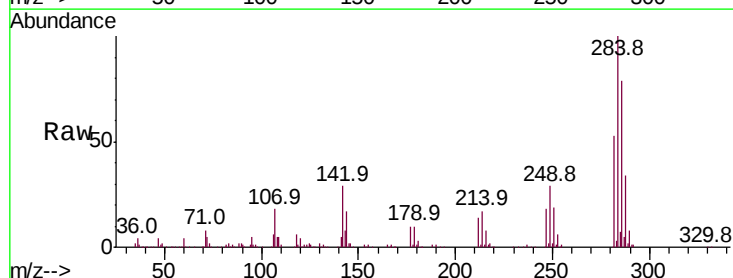
Tgt Ion:284 Resp: 302043

Ion	Ratio	Lower	Upper
284	100		
142	28.8	28.4	42.6
249	29.3	25.2	37.8

284 100

142 28.8 28.4 42.6

249 29.3 25.2 37.8

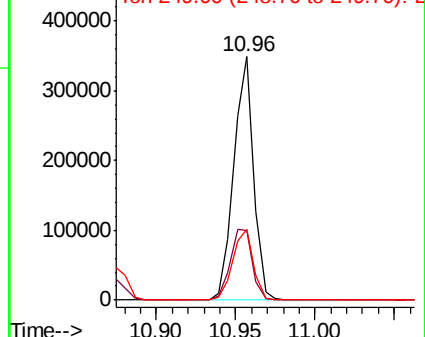
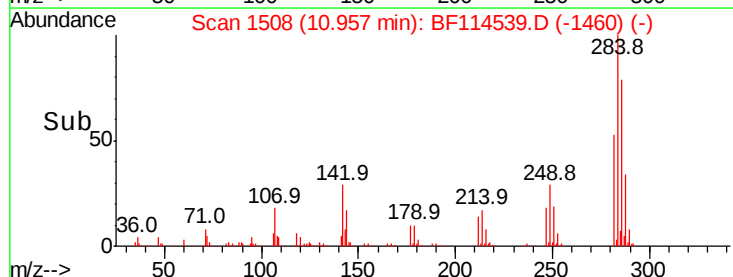


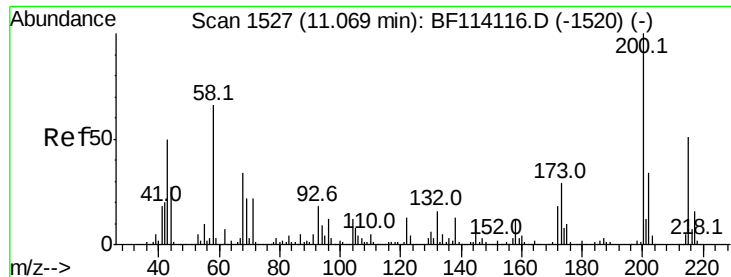
Abundance

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

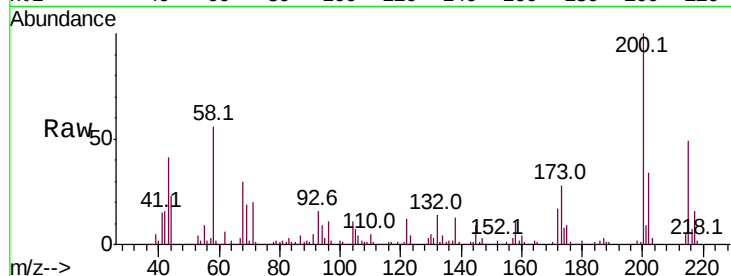




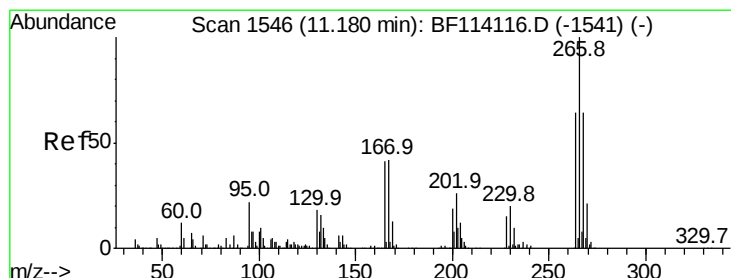
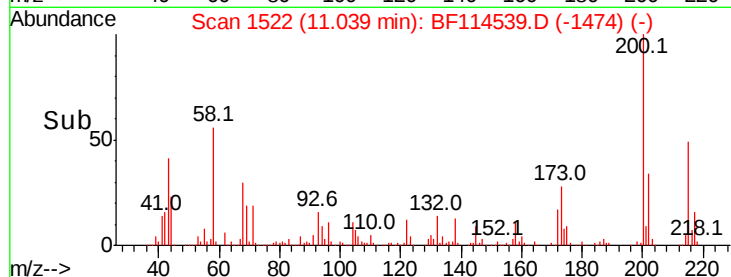
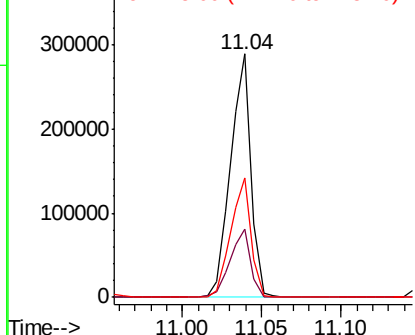
#69
Atrazine
Concen: 39.069 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 258228
Ion Ratio Lower Upper
200 100
173 27.9 8.9 48.9
215 48.9 30.7 70.7

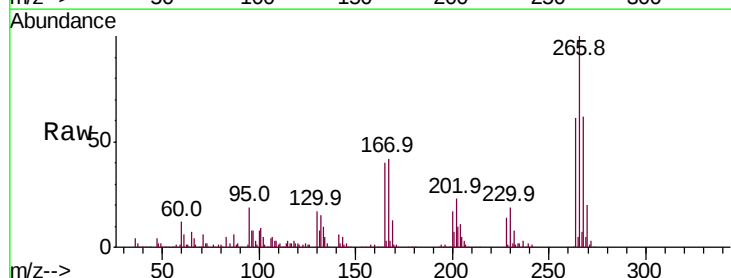


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

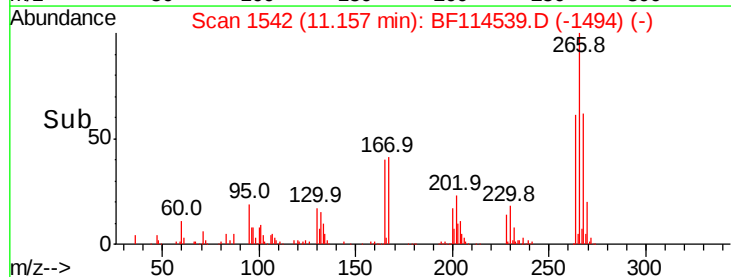
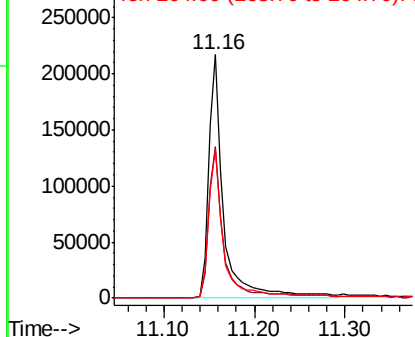


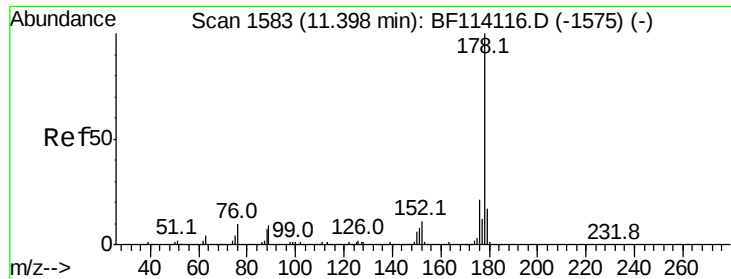
#70
Pentachlorophenol
Concen: 63.233 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:266 Resp: 255507
Ion Ratio Lower Upper
266 100
268 62.2 51.1 76.7
264 61.3 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

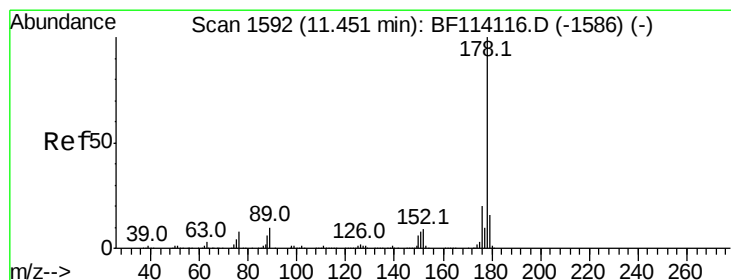
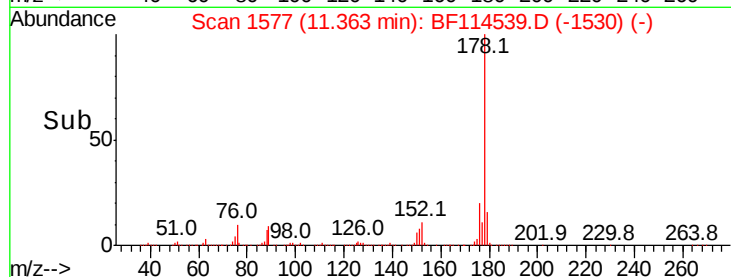
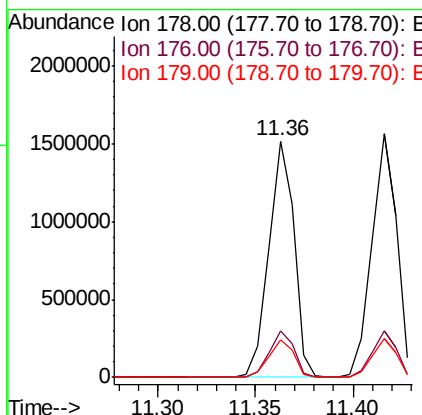
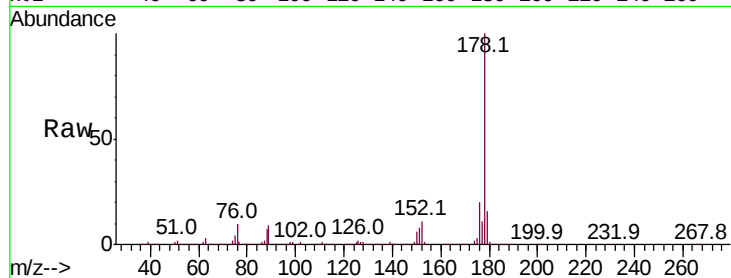




#71
Phenanthrene
Concen: 39.882 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

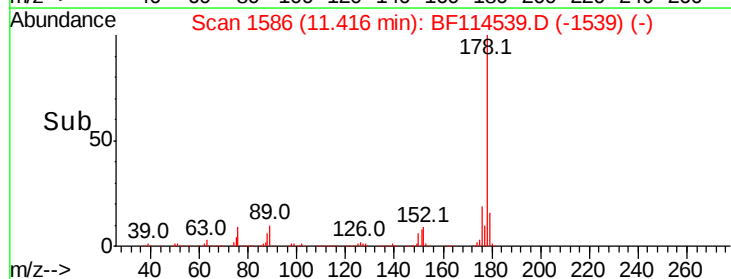
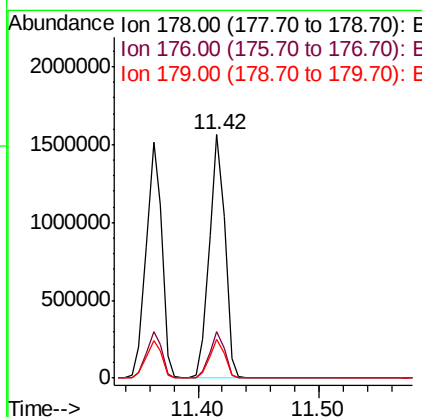
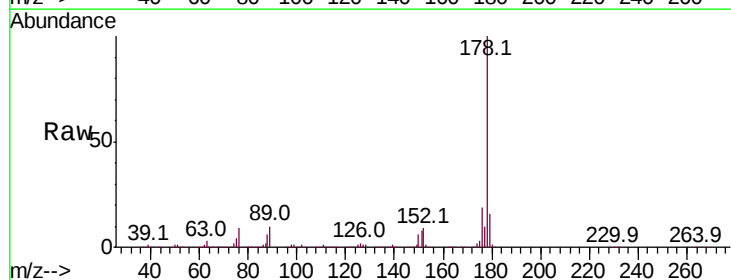
Instrument :
BNA_F
ClientSampleId :

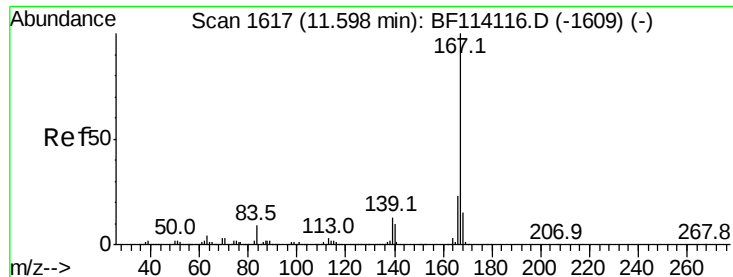
Tot Ion:178 Resp: 1357851
Ion Ratio Lower Upper
178 100
176 19.9 16.4 24.6
179 15.8 13.2 19.8



#72
Anthracene
Concen: 40.722 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:178 Resp: 1392568
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 15.9 13.0 19.4

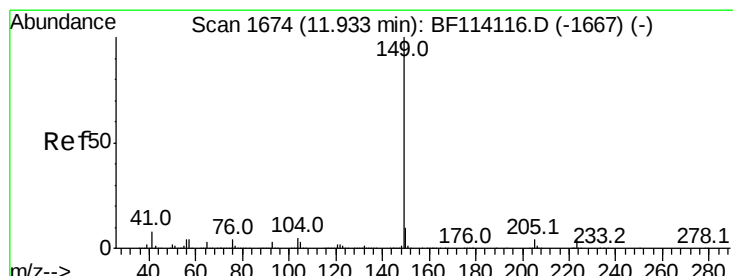
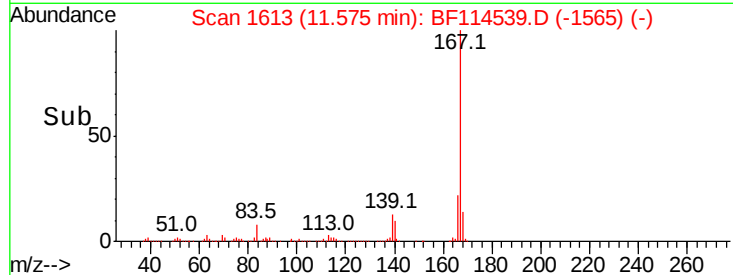
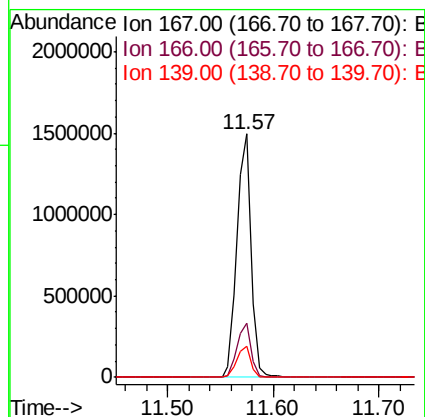
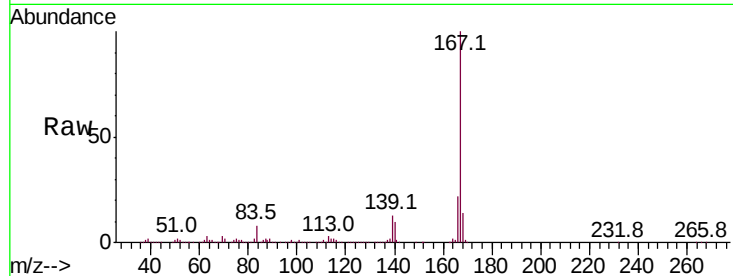




#73
 Carbazole
 Concen: 41.961 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

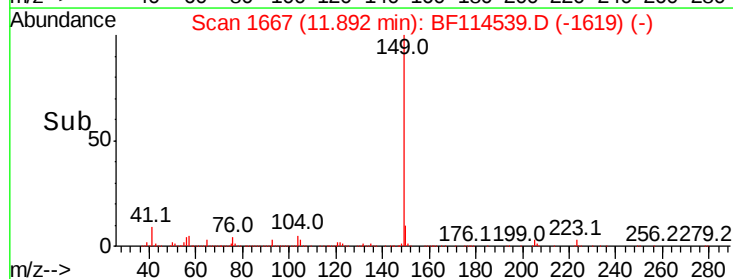
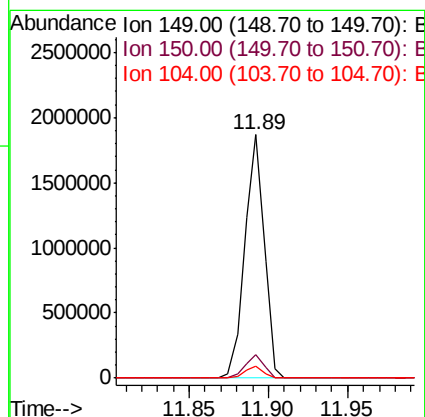
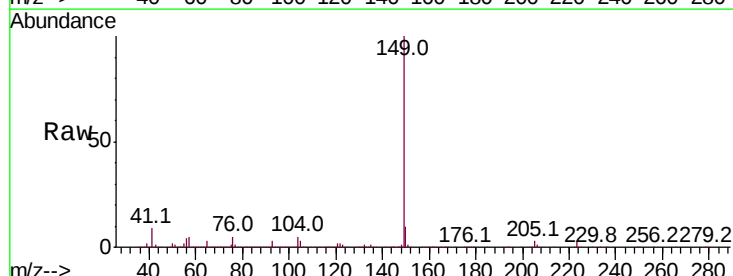
Instrument :
 BNA_F
 ClientSampleId :

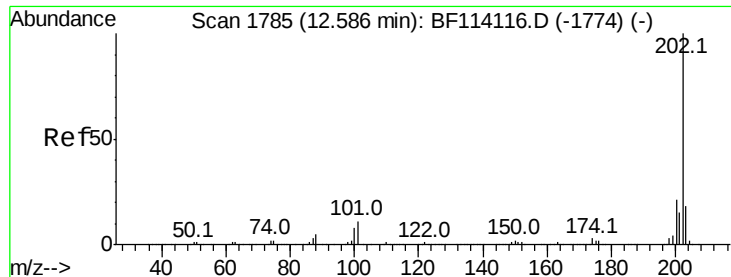
Tot Ion:167 Resp: 1368342
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.2
 139 12.7 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 41.875 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Tgt Ion:149 Resp: 1573190
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.7 3.6 5.4

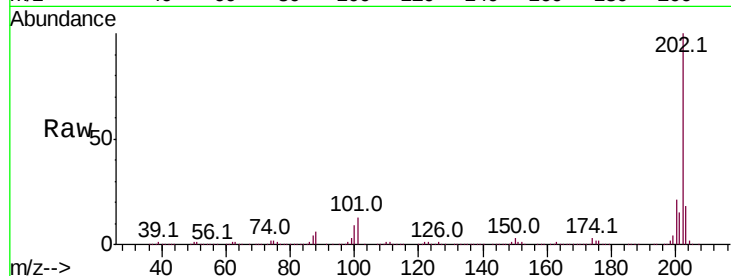




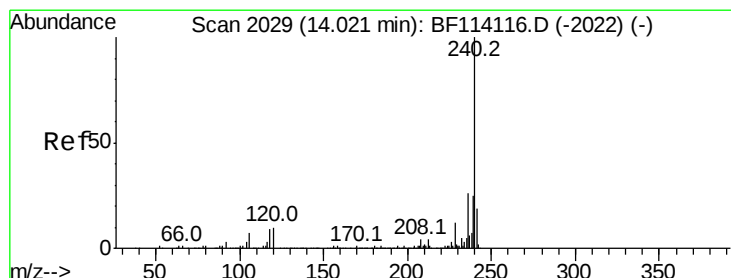
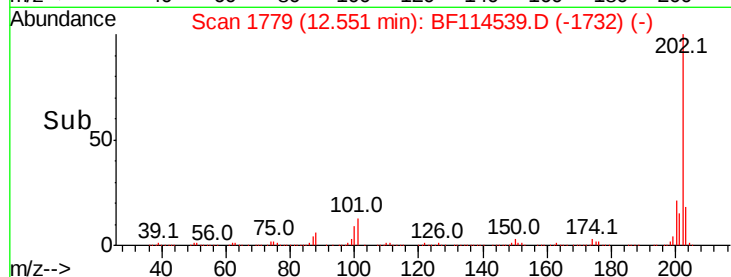
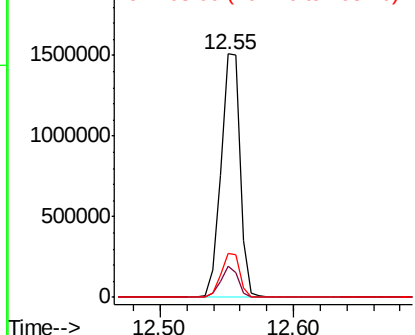
#75
 Fluoranthene
 Concen: 41.861 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1534779
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 31.0
 203 18.3 0.0 38.4

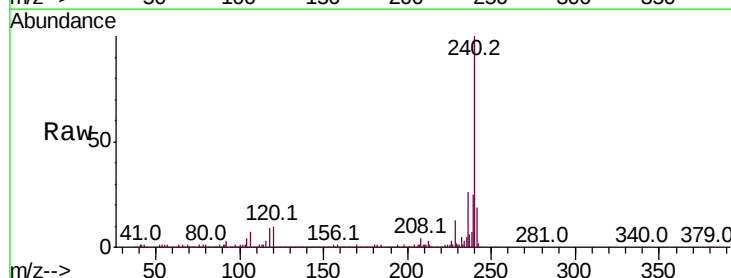


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

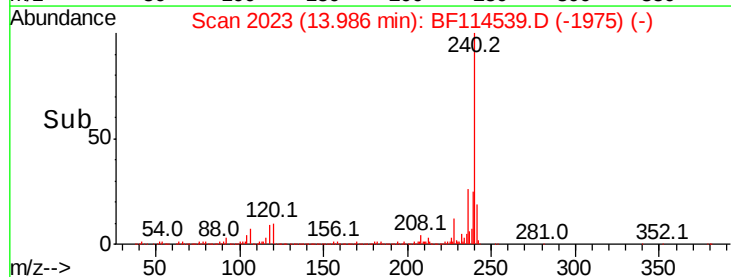
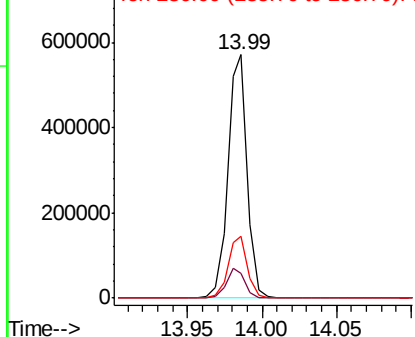


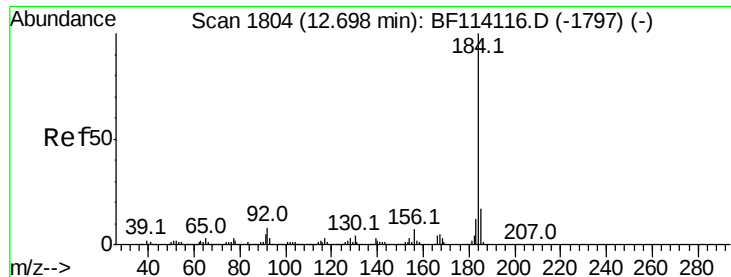
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Tgt Ion:240 Resp: 518618
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.3 12.5
 236 25.5 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.107 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

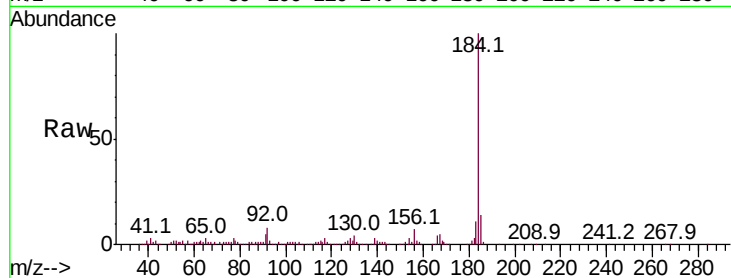
Tot Ion:184 Resp: 305136

Ion Ratio Lower Upper

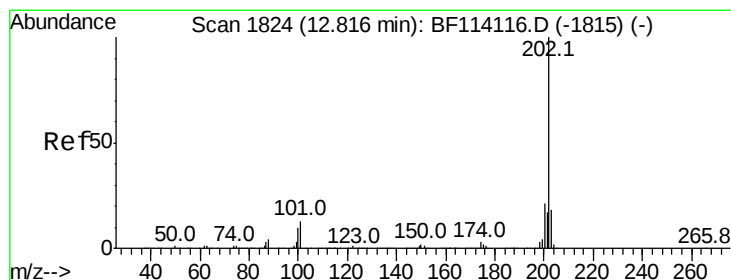
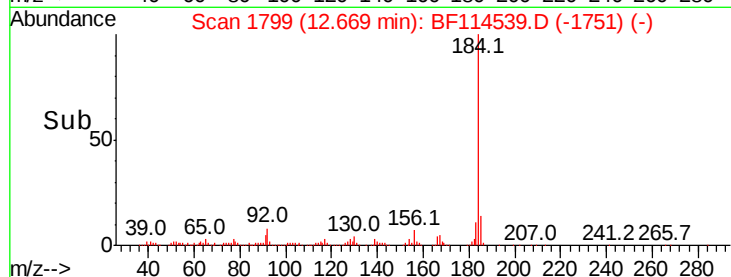
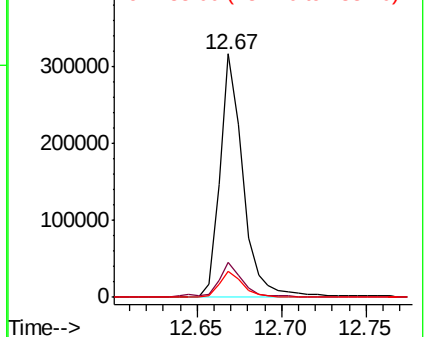
184 100

185 14.4 13.6 20.4

183 10.5 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: 37.633 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

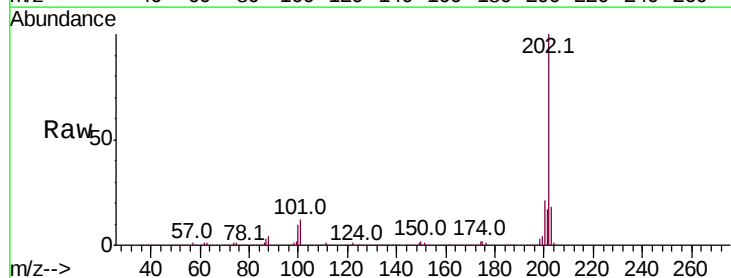
Tgt Ion:202 Resp: 1570046

Ion Ratio Lower Upper

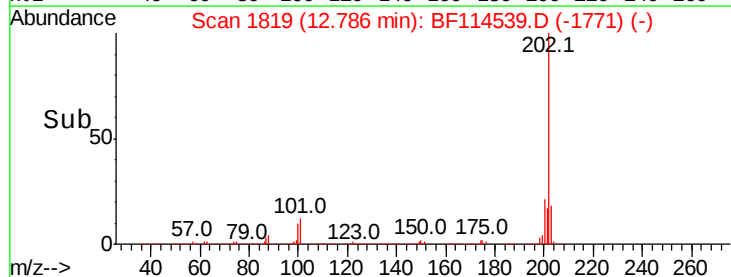
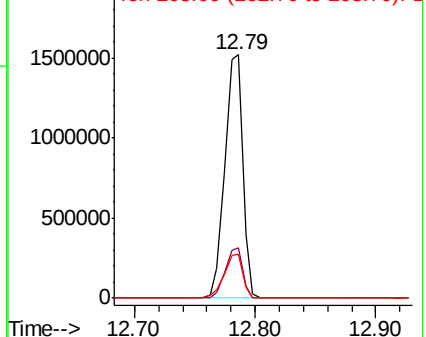
202 100

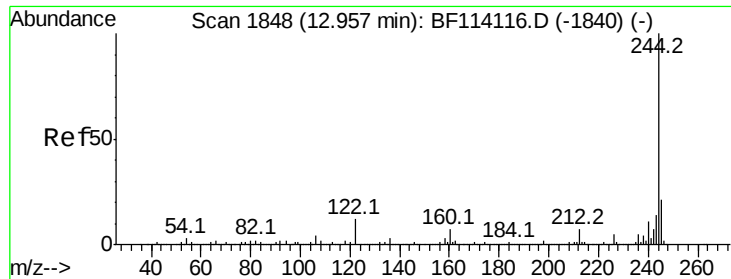
200 20.6 16.9 25.3

203 18.0 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

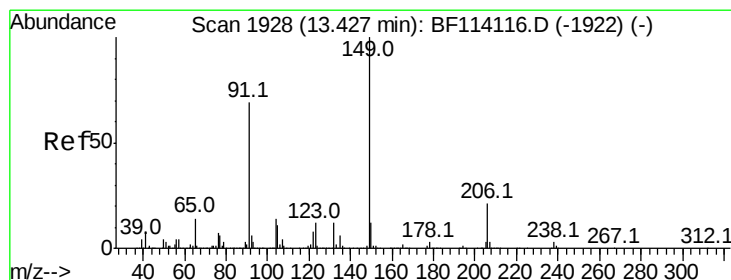
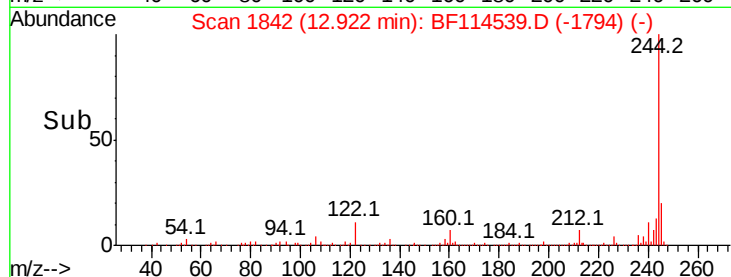
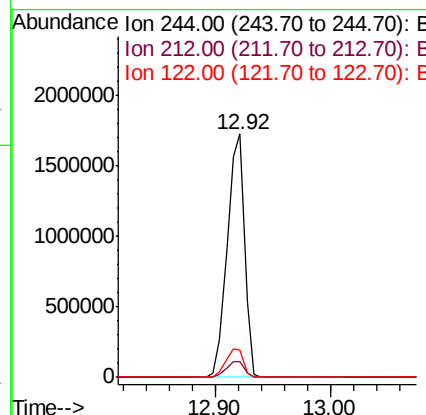
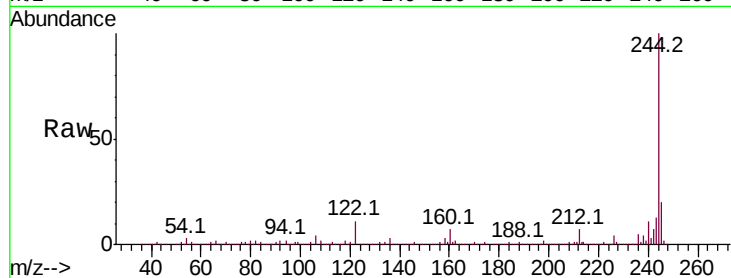




#79
 Terphenyl-d14
 Concen: 71.160 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

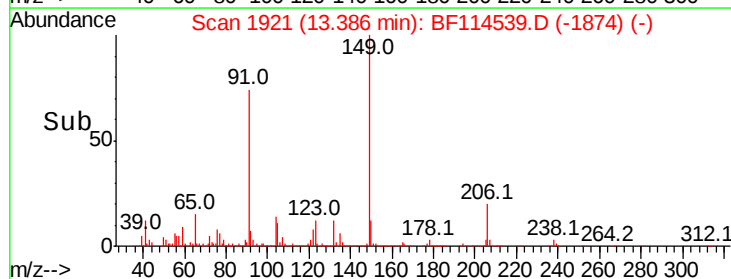
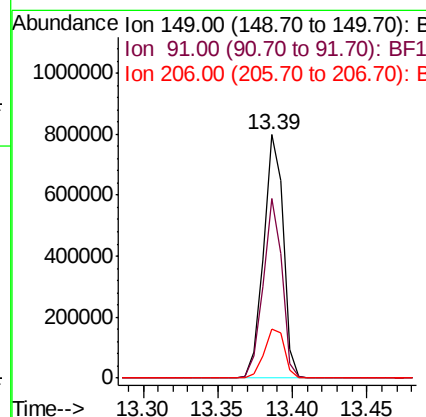
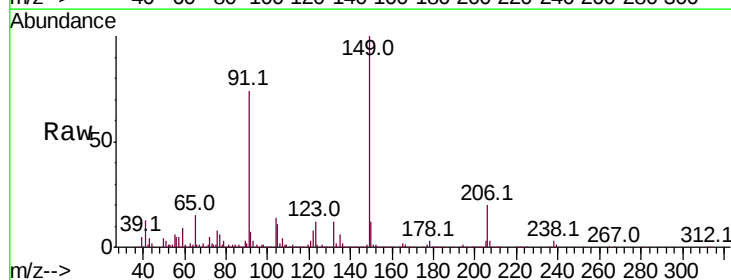
Instrument :
 BNA_F
 ClientSampleId :

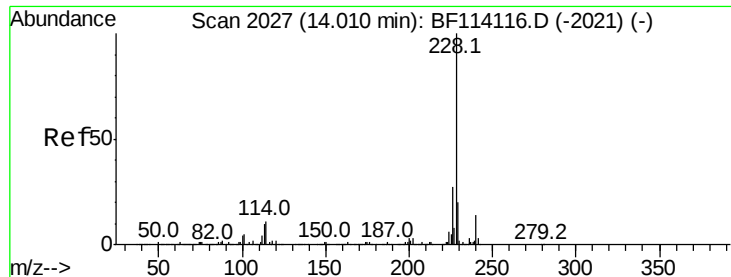
Tot Ion:244 Resp: 1790244
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 11.3 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 40.756 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.02 min
 Lab File: BF114539.D
 Acq: 23 May 2019 22:28

Tgt Ion:149 Resp: 715685
 Ion Ratio Lower Upper
 149 100
 91 73.6 55.0 82.4
 206 20.0 16.9 25.3

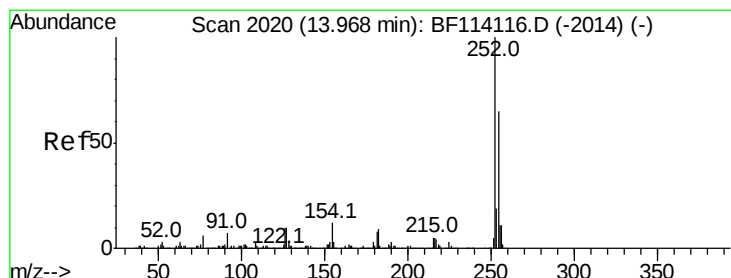
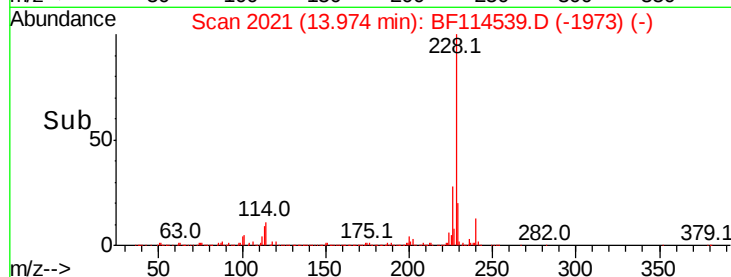
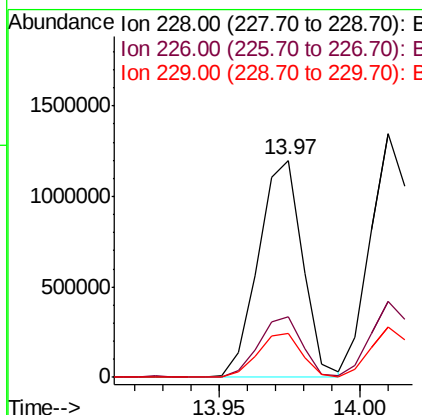
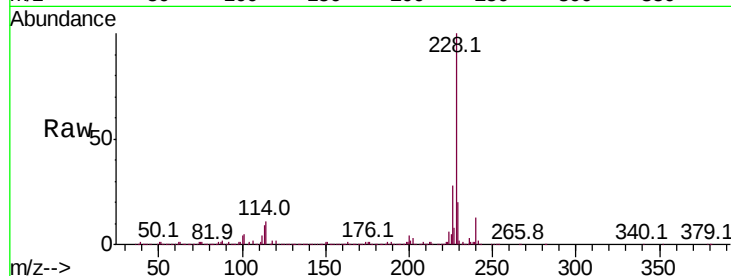




#81
Benzo(a)anthracene
Concen: 38.655 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

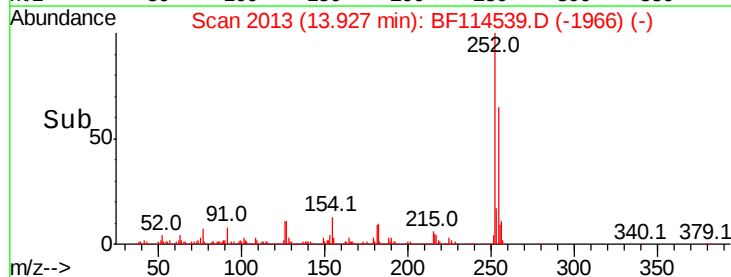
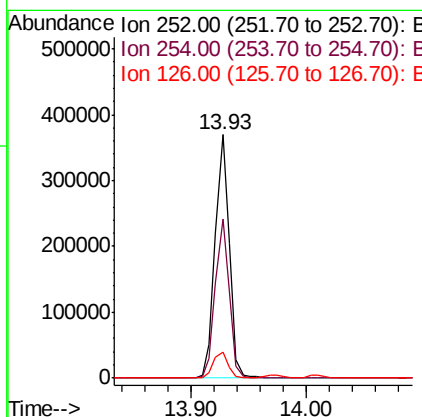
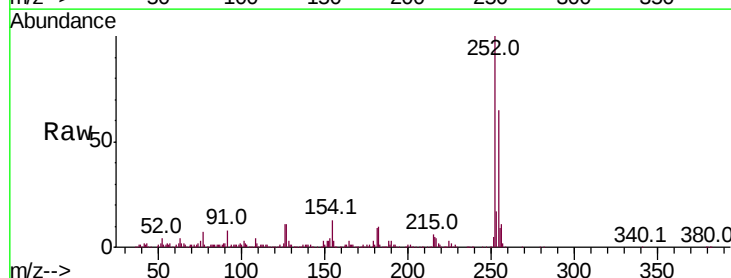
Instrument :
BNA_F
ClientSampleId :

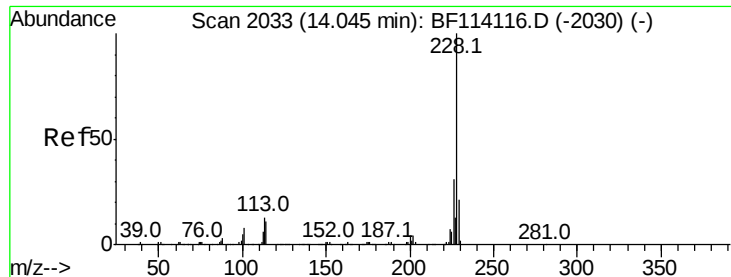
Tot Ion:228 Resp: 1296653
Ion Ratio Lower Upper
228 100
226 27.8 22.2 33.2
229 20.0 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 24.372 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:252 Resp: 317150
Ion Ratio Lower Upper
252 100
254 65.5 51.9 77.9
126 10.9 7.9 11.9





#83

Chrysene

Concen: 38.572 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

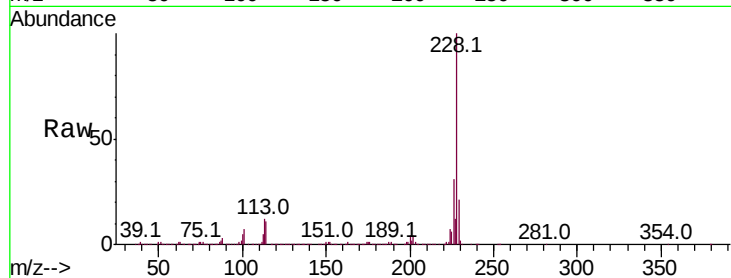
Tot Ion:228 Resp: 1268350

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

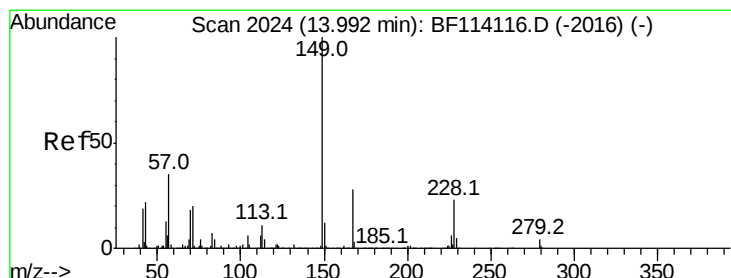
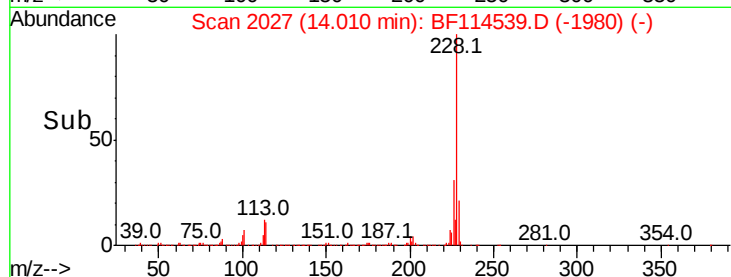
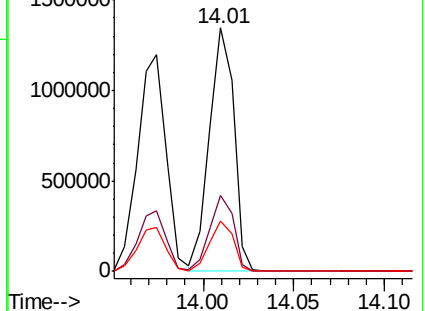
229 20.6 17.0 25.6



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: 44.145 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

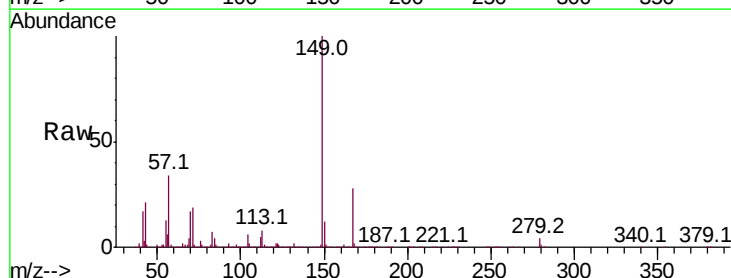
Tgt Ion:149 Resp: 1013873

Ion Ratio Lower Upper

149 100

167 28.3 22.6 33.8

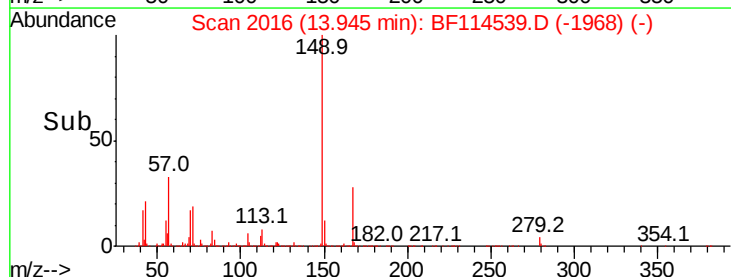
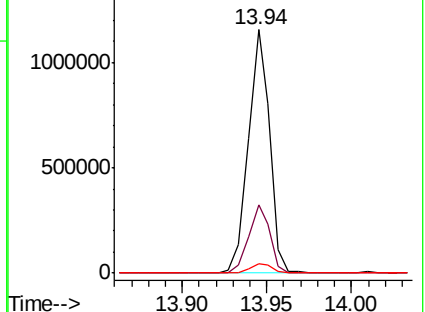
279 3.8 3.0 4.6

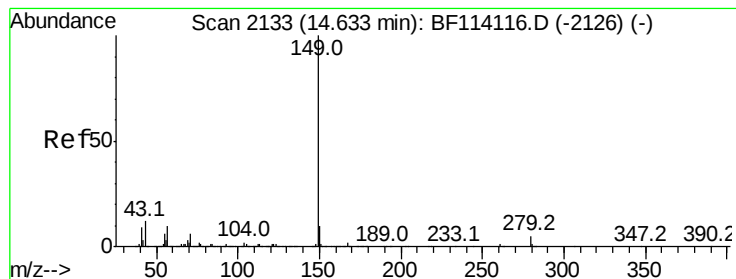


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.532 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

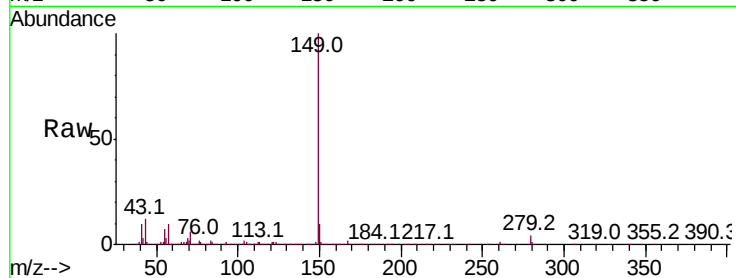
Tot Ion:149 Resp: 1695175

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

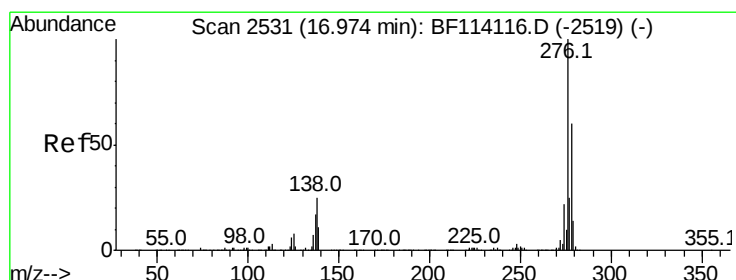
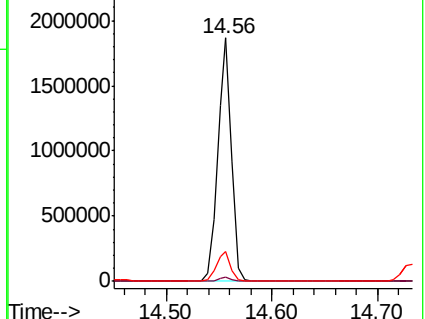
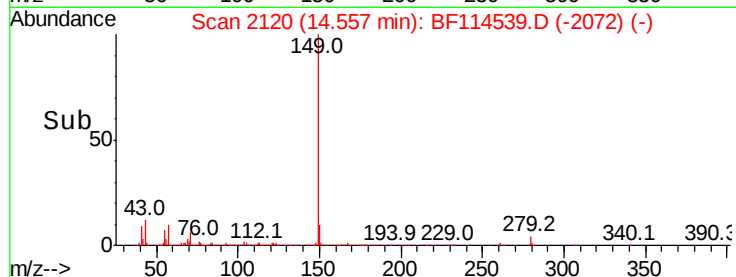
43 12.1 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.311 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.02 min

Lab File: BF114539.D

Acq: 23 May 2019 22:28

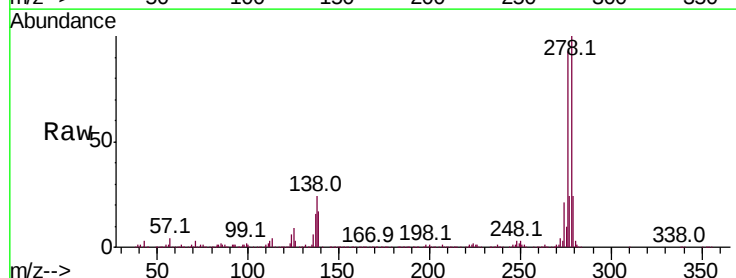
Tgt Ion:276 Resp: 1229597

Ion Ratio Lower Upper

276 100

138 24.8 20.2 30.2

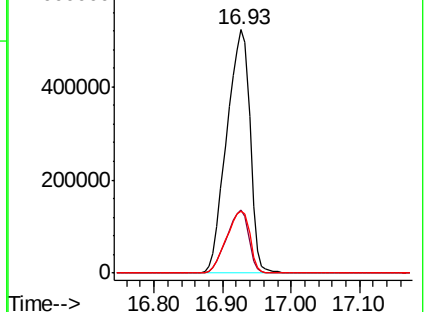
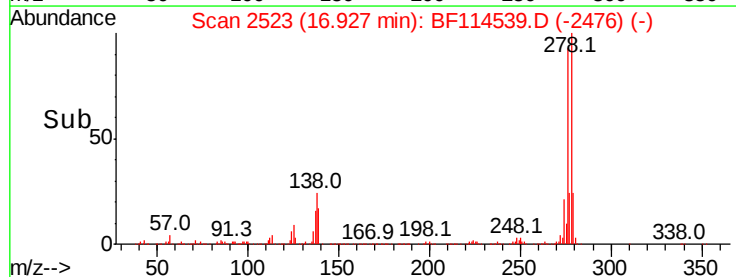
277 25.4 20.0 30.0

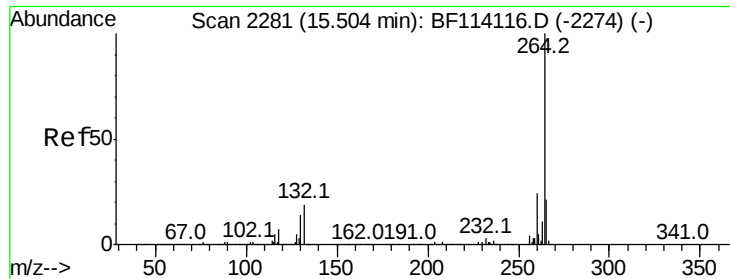


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



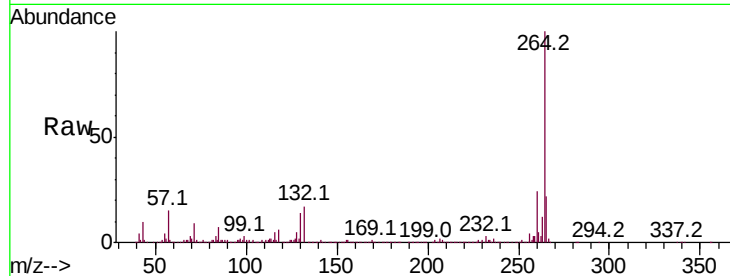


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

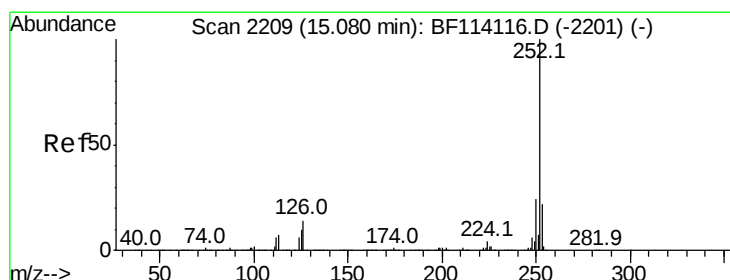
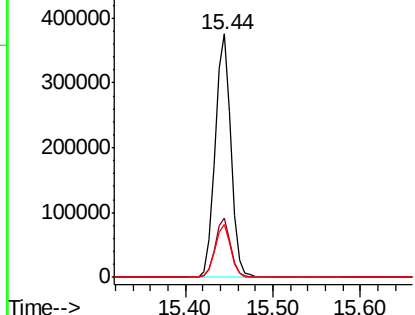
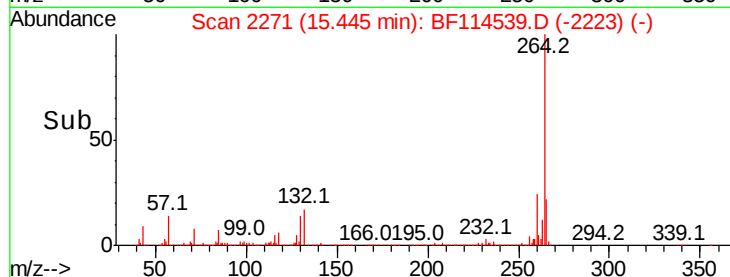
Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 471708

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	21.6	16.9	25.3



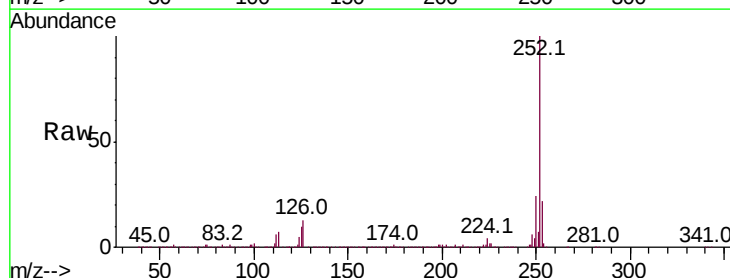
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



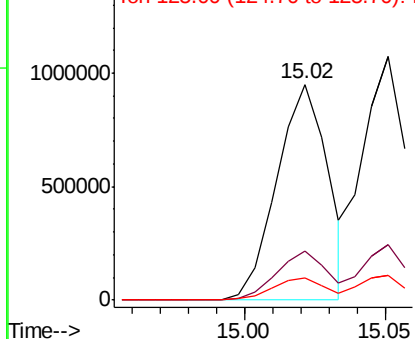
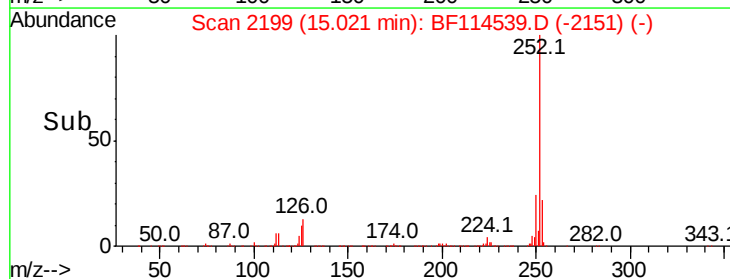
#88
Benzo(b)fluoranthene
Concen: 39.477 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

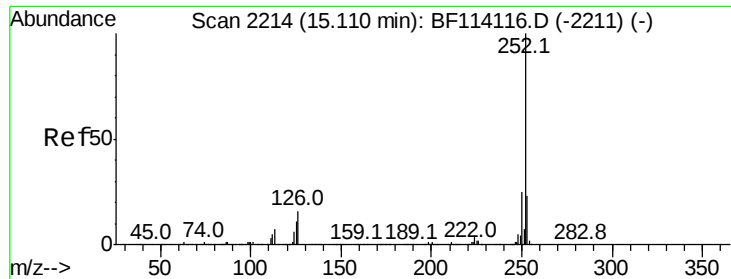
Tgt Ion:252 Resp: 1193001

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	10.3	8.3	12.5



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

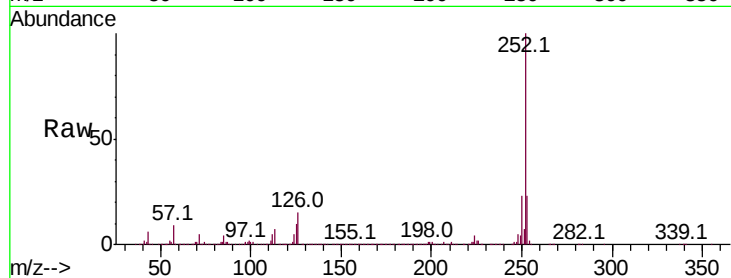




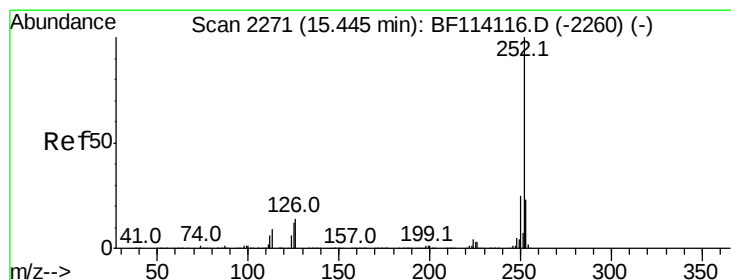
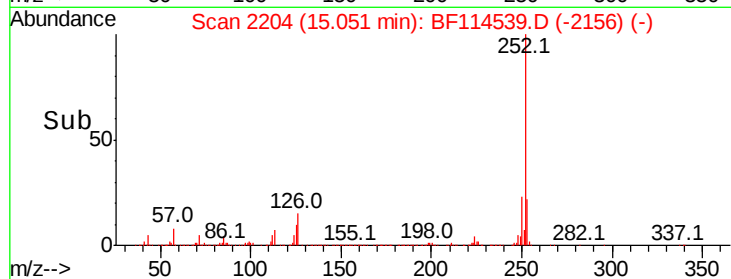
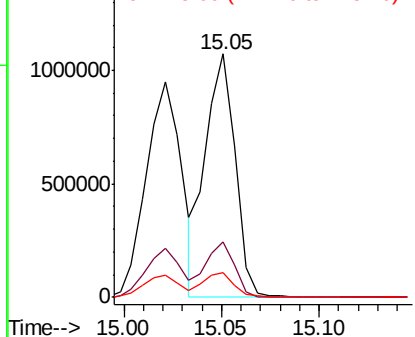
#89
Benzo(k)fluoranthene
Concen: 40.896 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1135289
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 10.2 8.6 13.0

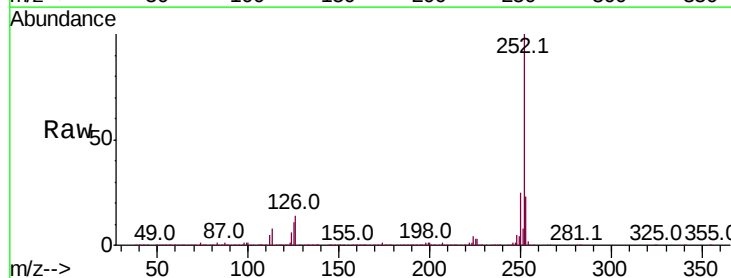


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

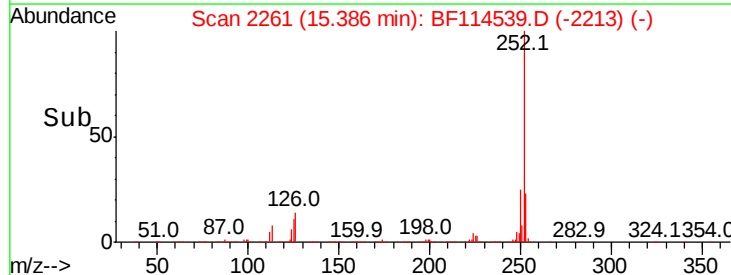
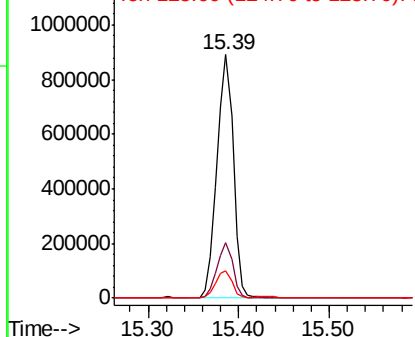


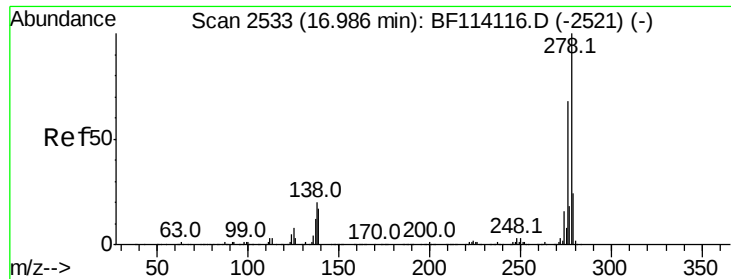
#90
Benzo(a)pyrene
Concen: 41.848 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:252 Resp: 1112998
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 11.3 9.5 14.3



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

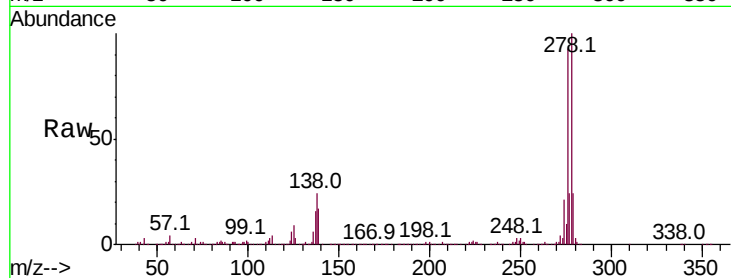




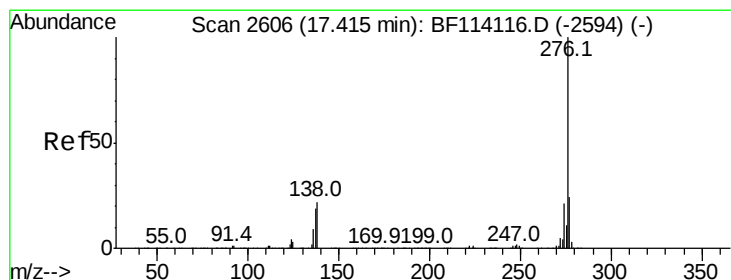
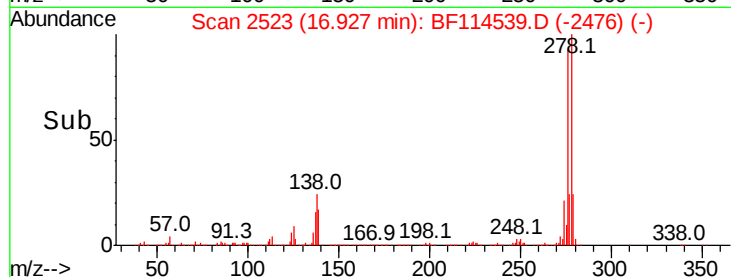
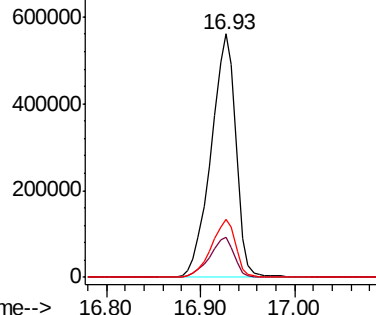
#91
Dibenzo(a,h)anthracene
Concen: 46.359 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1024553
Ion Ratio Lower Upper
278 100
139 16.6 13.5 20.3
279 23.9 19.0 28.6

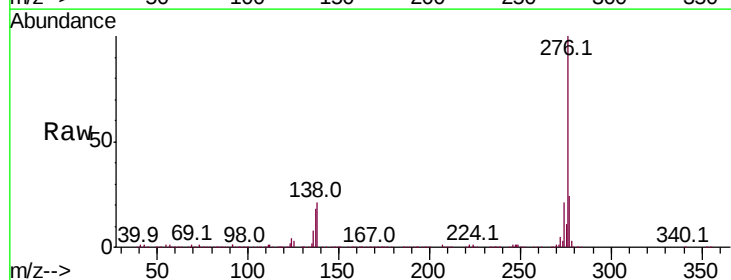


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.911 ng
RT: 17.37 min Scan# 2598
Delta R.T. -0.02 min
Lab File: BF114539.D
Acq: 23 May 2019 22:28

Tgt Ion:276 Resp: 1061126
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 21.3 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

