

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
 Data File : BF114999.D
 Acq On : 13 Jun 2019 13:24
 Operator : HP/JU
 Sample : K3294-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)MSD

Quant Time: Jun 13 17:33:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	273654	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1040648	20.00	ng	0.00
39) Acenaphthene-d10	9.68	164	463680	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	734894	20.00	ng	0.00
76) Chrysene-d12	13.77	240	428287	20.00	ng	0.00
87) Perylene-d12	15.15	264	523922	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1854223	113.14	ng	0.01
7) Phenol-d6	6.30	99	2373653	120.07	ng	0.00
23) Nitrobenzene-d5	7.22	82	1487571	86.04	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	524547	105.64	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	2557896	93.50	ng	0.00
79) Terphenyl-d14	12.73	244	1943559	85.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	250552	32.661	ng	99
3) Pyridine	3.01	79	700679	32.442	ng	99
4) n-Nitrosodimethylamine	2.96	42	292403	38.134	ng	98
6) Aniline	6.32	93	589037	22.249	ng	# 9
8) 2-Chlorophenol	6.44	128	722344	38.871	ng	99
9) Benzaldehyde	6.19	77	160147	8.864	ng	96
10) Phenol	6.32	94	837195	37.851	ng	82
11) bis(2-Chloroethyl)ether	6.39	93	691652	40.289	ng	99
12) 1,3-Dichlorobenzene	6.59	146	813055	37.458	ng	98
13) 1,4-Dichlorobenzene	6.67	146	828240	37.955	ng	99
14) 1,2-Dichlorobenzene	6.82	146	764826	37.228	ng	99
15) Benzyl Alcohol	6.80	79	577412	38.983	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	886244	38.571	ng	96
17) 2-Methylphenol	6.92	107	619448	39.964	ng	99
18) Hexachloroethane	7.16	117	277873	35.260	ng	97
19) n-Nitroso-di-n-propylamine	7.07	70	474458	39.501	ng	97
20) 3+4-Methylphenols	7.07	107	729191	39.528	ng	93
22) Acetophenone	7.06	105	1010507	42.896	ng	# 96
24) Nitrobenzene	7.23	77	730972	41.555	ng	95
25) Isophorone	7.47	82	1350924	41.720	ng	100
26) 2-Nitrophenol	7.55	139	363702	37.095	ng	97
27) 2,4-Dimethylphenol	7.60	122	659963	46.660	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	860652	41.428	ng	100
29) 2,4-Dichlorophenol	7.80	162	606692	40.603	ng	98
30) 1,2,4-Trichlorobenzene	7.87	180	701905	40.654	ng	98
31) Naphthalene	7.96	128	2072949	42.101	ng	99
32) Benzoic acid	7.60	122	659963	64.488	ng	# 16
33) 4-Chloroaniline	8.00	127	487552	21.451	ng	97
34) Hexachlorobutadiene	8.08	225	377533	39.340	ng	100
35) Caprolactam	8.37	113	190131	38.205	ng	95
36) 4-Chloro-3-methylphenol	8.50	107	631501	41.938	ng	100
37) 2-Methylnaphthalene	8.65	142	1371684	41.769	ng	99
38) 1-Methylnaphthalene	8.74	142	1311834	42.265	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	614598	44.865	ng	100

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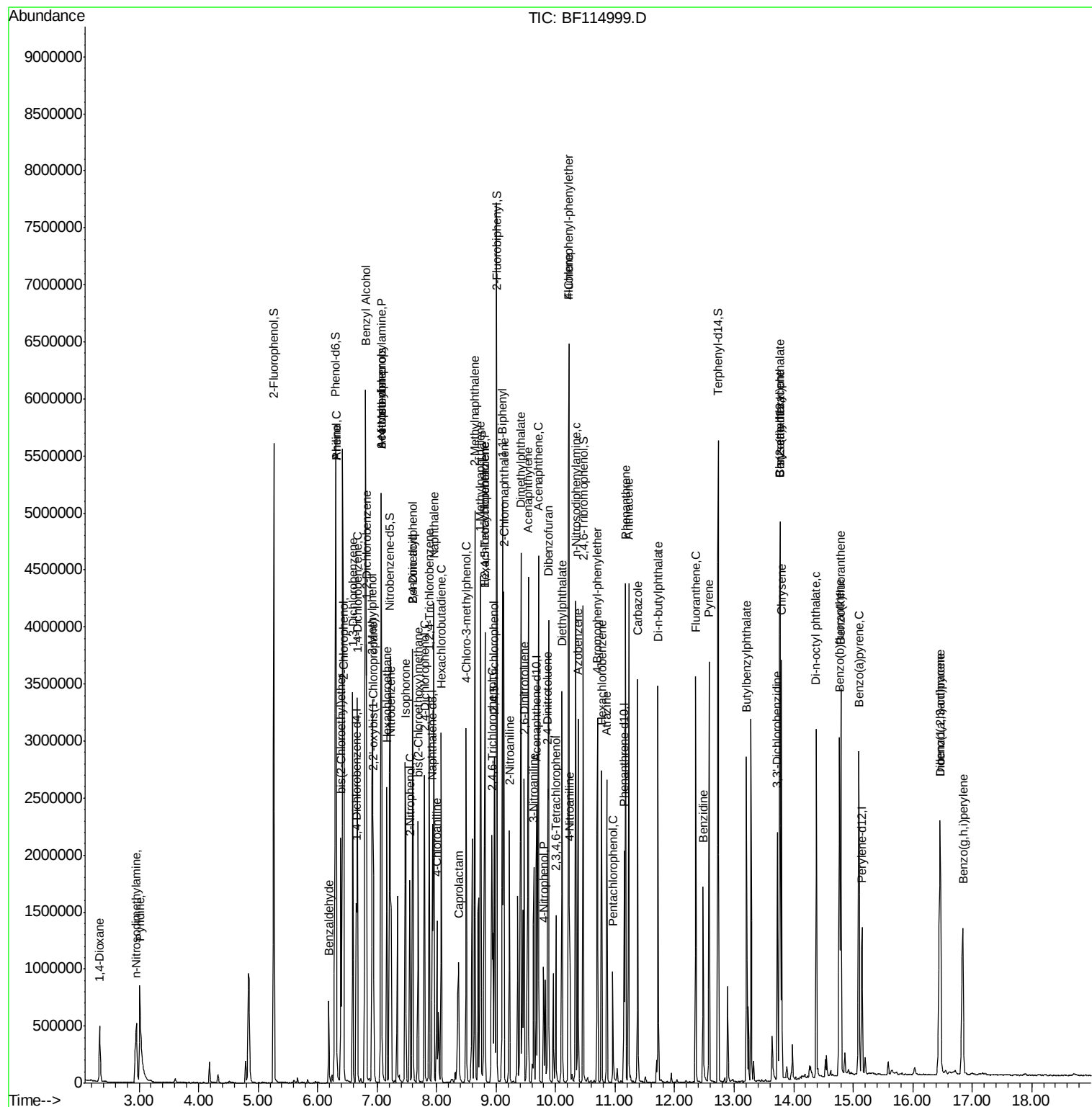
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	297442	44.064	nq	99
43) 2,4,6-Trichlorophenol	8.93	196	315998	30.884	nq	99
44) 2,4,5-Trichlorophenol	8.97	196	408325	39.489	nq	97
46) 1,1'-Biphenyl	9.11	154	1604391	43.179	nq	98
47) 2-Chloronaphthalene	9.13	162	1288433	42.881	nq	100
48) 2-Nitroaniline	9.23	65	365500	41.155	nq	93
49) Acenaphthylene	9.54	152	1939554	41.984	nq	99
50) Dimethylphthalate	9.42	163	2250795	64.547	nq	100
51) 2,6-Dinitrotoluene	9.47	165	343480	43.424	nq #	87
52) Acenaphthene	9.72	154	1106445	41.862	nq	99
53) 3-Nitroaniline	9.63	138	307462	31.725	nq	99
55) Dibenzofuran	9.88	168	1654186	41.526	nq	100
56) 4-Nitrophenol	9.80	139	178803	26.754	nq	97
57) 2,4-Dinitrotoluene	9.87	165	417887	41.507	nq	99
58) Fluorene	10.22	166	1143967	42.600	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	187104	22.401	nq	99
60) Diethylphthalate	10.10	149	1438278	43.137	nq	99
61) 4-Chlorophenyl-phenylether	10.22	204	581983	44.067	nq	99
62) 4-Nitroaniline	10.24	138	340707	34.965	nq	99
63) Azobenzene	10.37	77	1203410	41.256	nq	99
66) n-Nitrosodiphenylamine	10.34	169	1118119	50.899	nq	99
67) 4-Bromophenyl-phenylether	10.70	248	374012	47.400	nq	96
68) Hexachlorobenzene	10.77	284	377488	43.454	nq #	92
69) Atrazine	10.86	200	351779	49.668	nq	99
70) Pentachlorophenol	10.96	266	115909	24.569	nq	99
71) Phenanthrene	11.17	178	1594294	42.017	nq	99
72) Anthracene	11.23	178	1647708	43.045	nq	99
73) Carbazole	11.38	167	1409080	42.174	nq	98
74) Di-n-butylphthalate	11.72	149	1841824	43.727	nq	99
75) Fluoranthene	12.36	202	1403128	36.164	nq	99
77) Benzidine	12.48	184	727316	41.985	nq	97
78) Pyrene	12.58	202	1412397	36.200	nq	99
80) Butylbenzylphthalate	13.21	149	651063	35.726	nq	99
81) Benzo(a)anthracene	13.76	228	1283676	40.053	nq	99
82) 3,3'-Dichlorobenzidine	13.73	252	447411	36.412	nq #	98
83) Chrysene	13.80	228	1290382	40.488	nq	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	828482	38.465	nq	99
85) Di-n-octyl phthalate	14.38	149	1517942	40.926	nq	100
86) Indeno(1,2,3-cd)pyrene	16.46	276	1215633	43.423	nq	99
88) Benzo(b)fluoranthene	14.77	252	1367583	39.266	nq	99
89) Benzo(k)fluoranthene	14.80	252	1352444	44.241	nq	98
90) Benzo(a)pyrene	15.10	252	1311000	43.622	nq	99
91) Dibenzo(a,h)anthracene	16.47	278	1031587	39.858	nq	99
92) Benzo(g,h,i)perylene	16.84	276	979184	37.097	nq	99

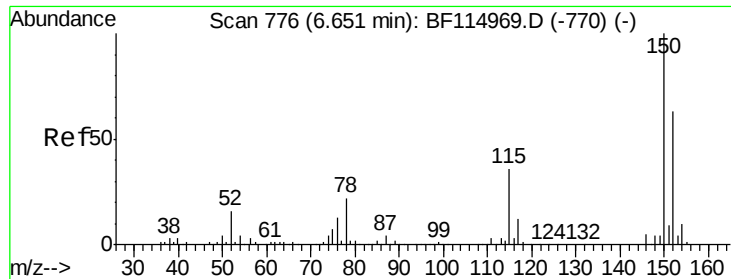
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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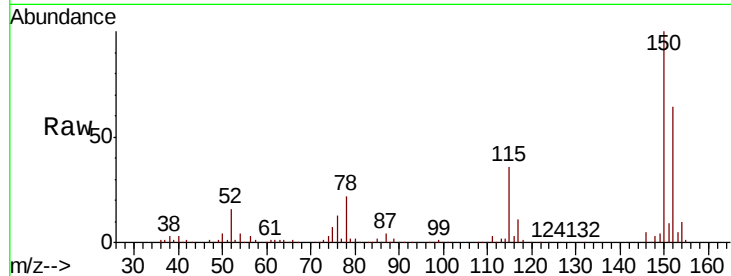


#1

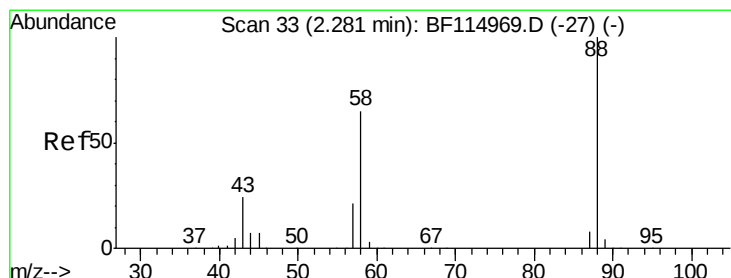
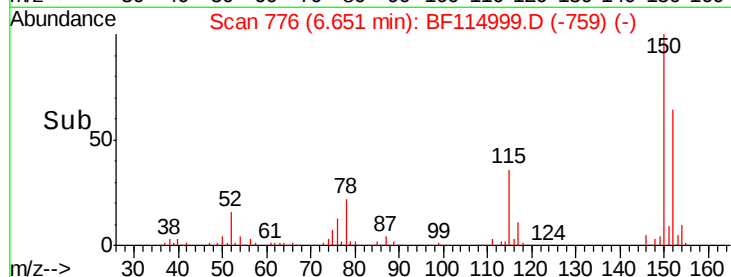
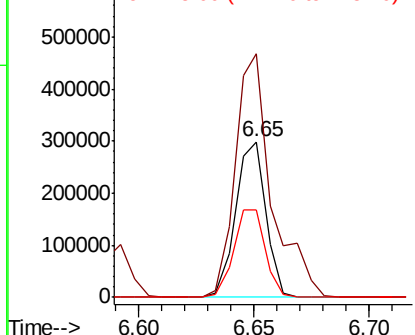
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

Tot Ion:152 Resp: 273654
Ion Ratio Lower Upper
152 100
150 156.2 127.4 191.0
115 56.1 46.0 69.0



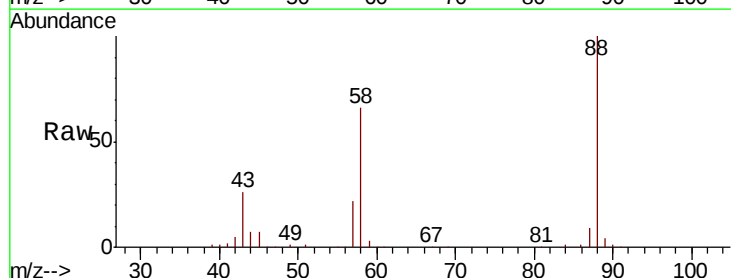
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



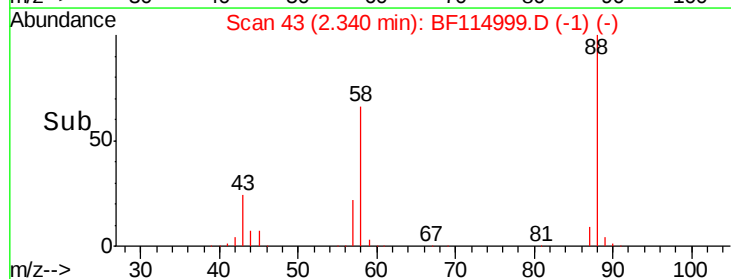
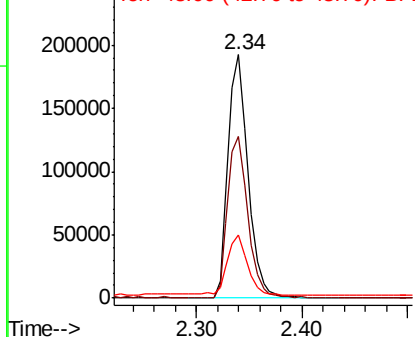
#2

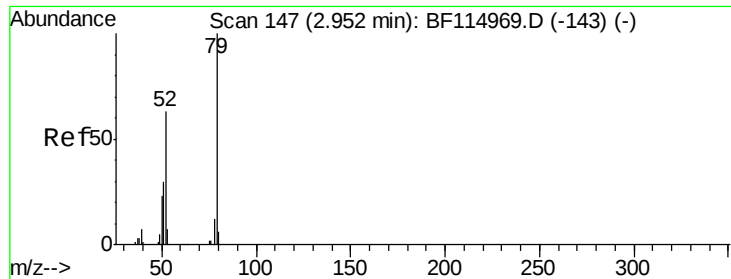
1,4-Dioxane
Concen: 32.661 ng
RT: 2.34 min Scan# 43
Delta R.T. 0.06 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion: 88 Resp: 250552
Ion Ratio Lower Upper
88 100
58 66.6 53.4 80.2
43 26.0 19.7 29.5



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: 32.442 ng

RT: 3.01 min Scan# 157

Delta R.T. 0.06 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

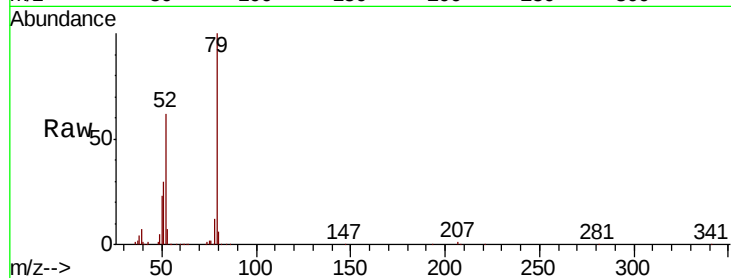
Tot Ion: 79 Resp: 700679

Ion Ratio Lower Upper

79 100

52 62.1 50.3 75.5

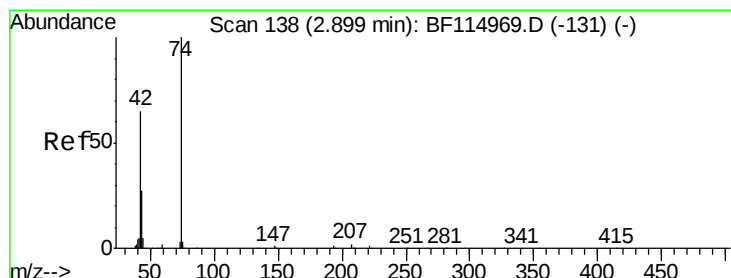
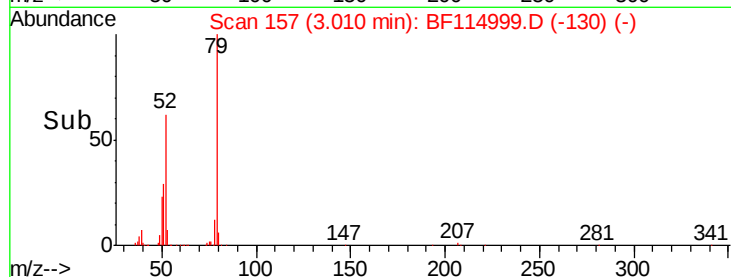
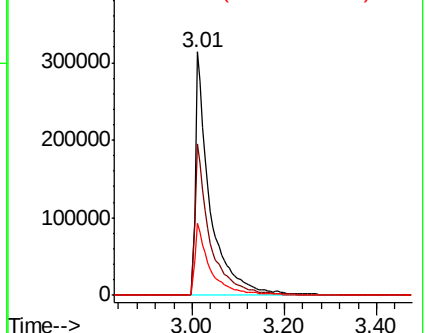
51 29.6 24.4 36.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.134 ng

RT: 2.96 min Scan# 148

Delta R.T. 0.06 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

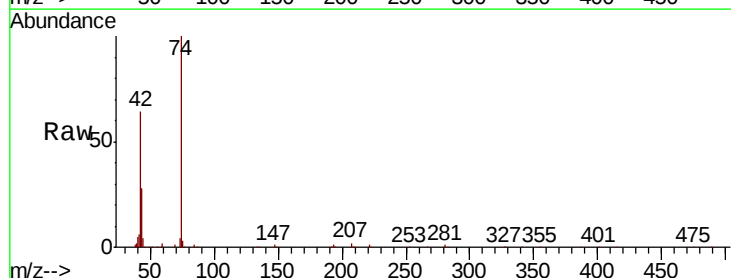
Tgt Ion: 42 Resp: 292403

Ion Ratio Lower Upper

42 100

74 155.9 122.2 183.2

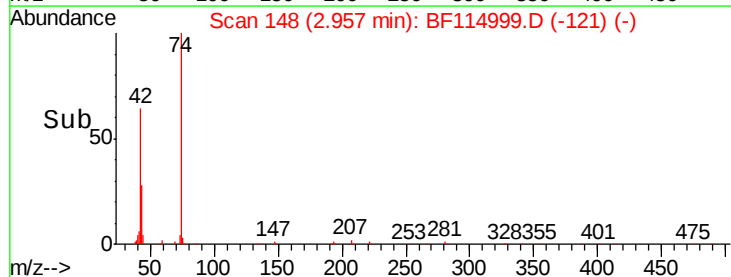
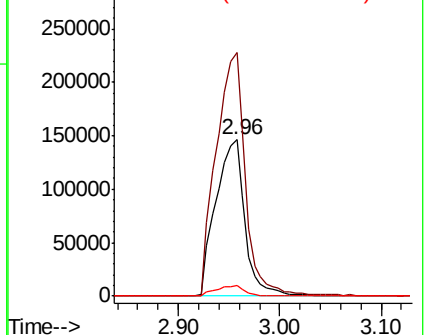
44 6.5 5.8 8.8

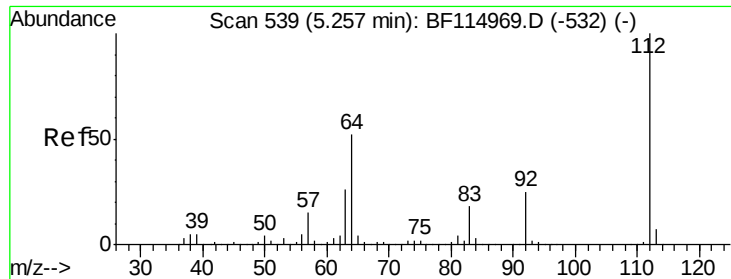


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 113.141 ng

RT: 5.27 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF114999.D

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S1(5-10)MSD

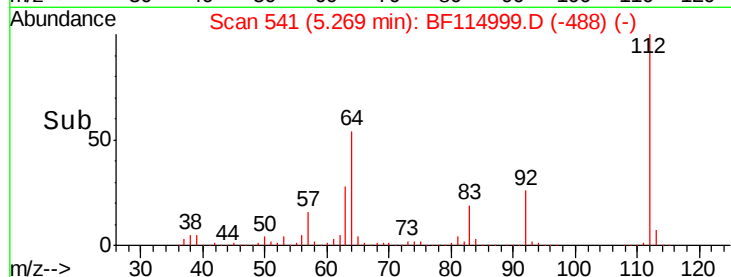
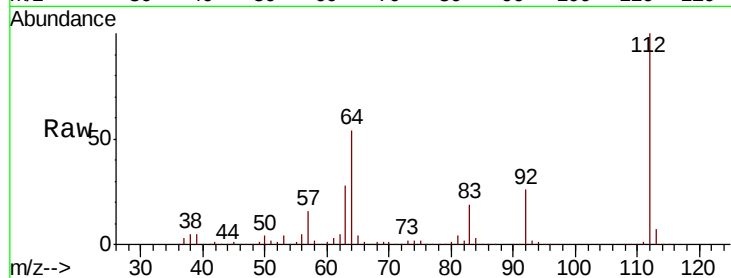
Tot Ion:112 Resp: 1854223

Ion Ratio Lower Upper

112 100

64 54.2 41.6 62.4

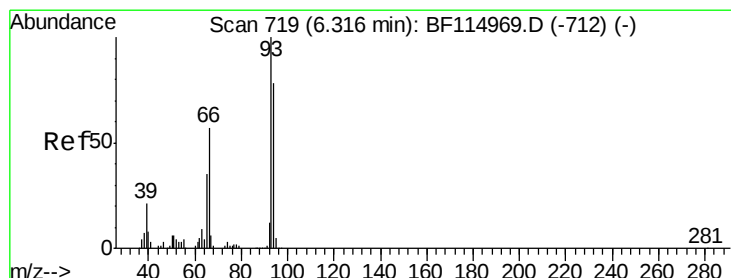
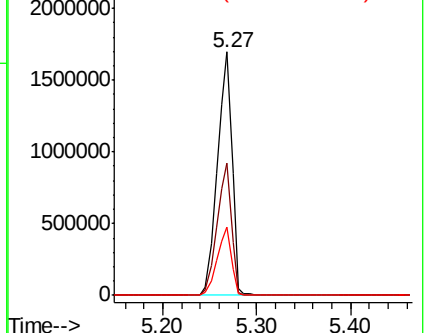
63 28.3 20.9 31.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.249 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

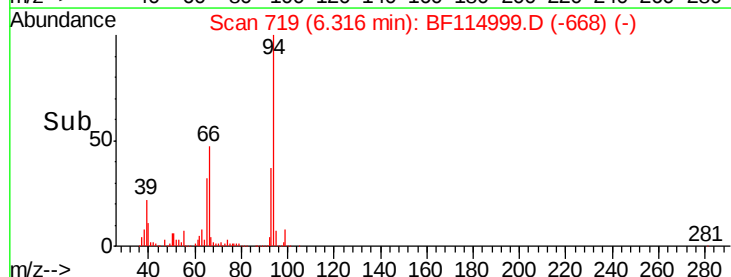
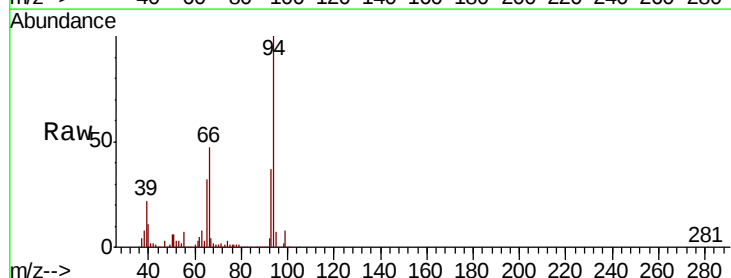
Tgt Ion: 93 Resp: 589037

Ion Ratio Lower Upper

93 100

66 126.1 46.2 69.2#

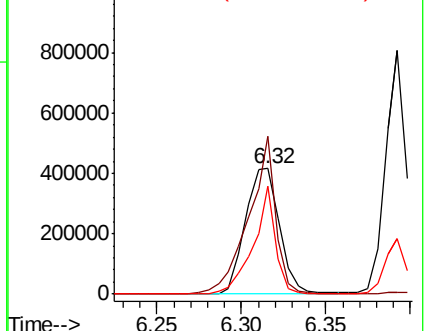
65 86.6 27.7 41.5#

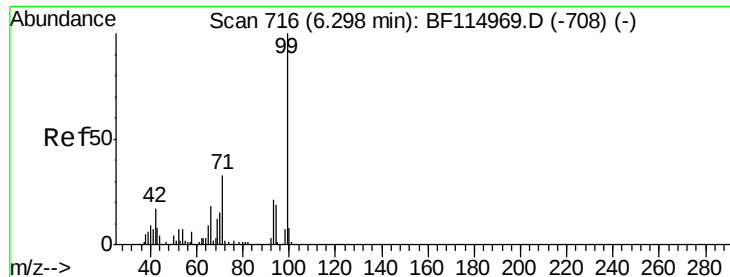


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.068 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

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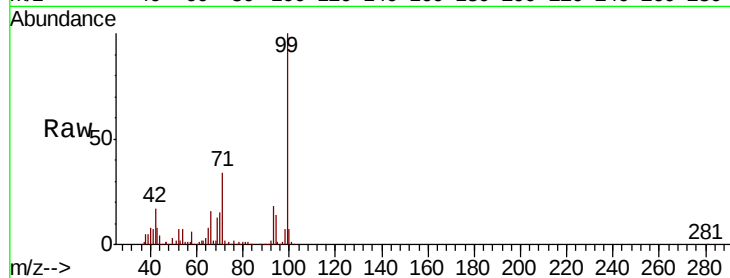
Tot Ion: 99 Resp: 2373653

Ion Ratio Lower Upper

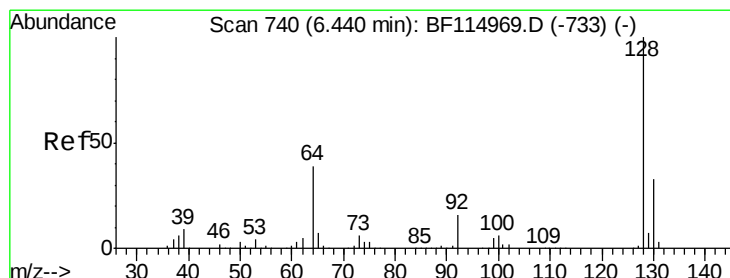
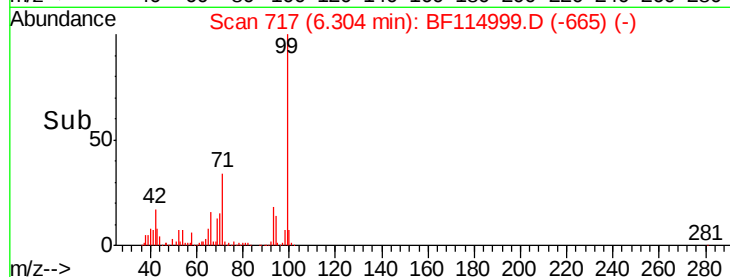
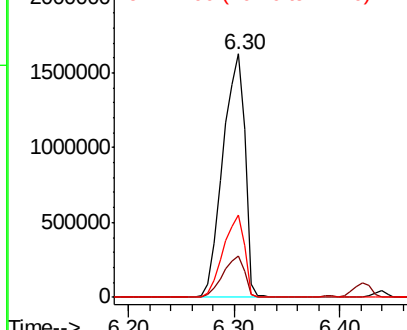
99 100

42 16.9 13.4 20.2

71 34.0 26.4 39.6



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: 38.871 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

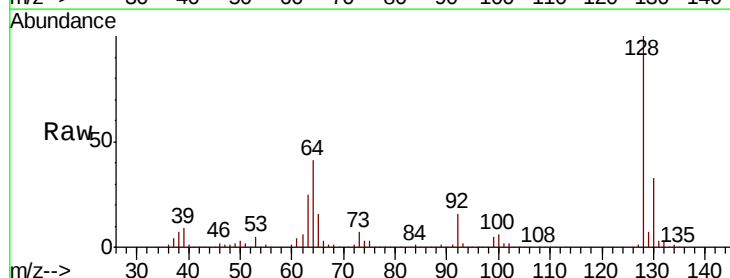
Tgt Ion: 128 Resp: 722344

Ion Ratio Lower Upper

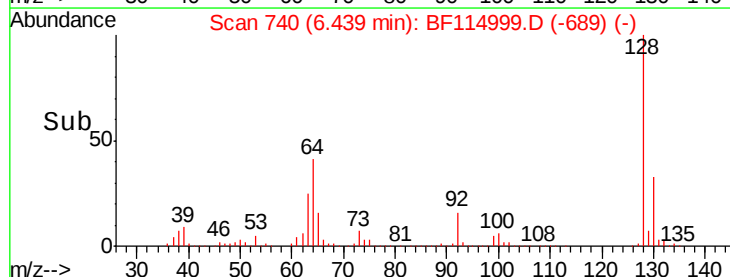
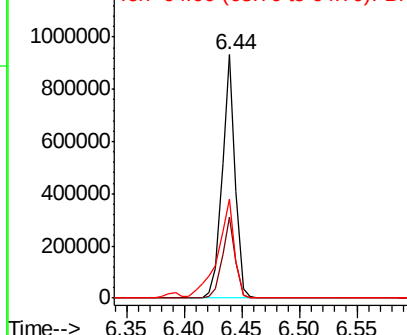
128 100

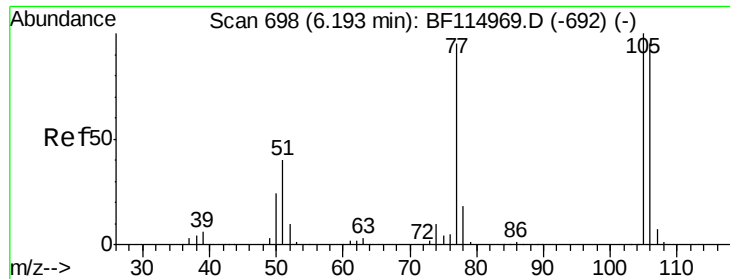
130 33.0 13.4 53.4

64 40.8 20.1 60.1



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

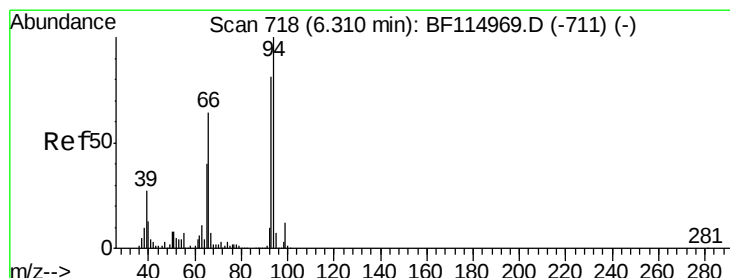
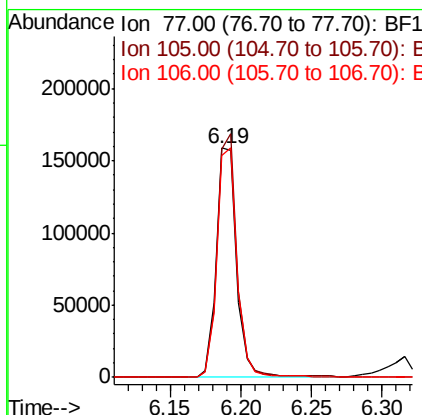
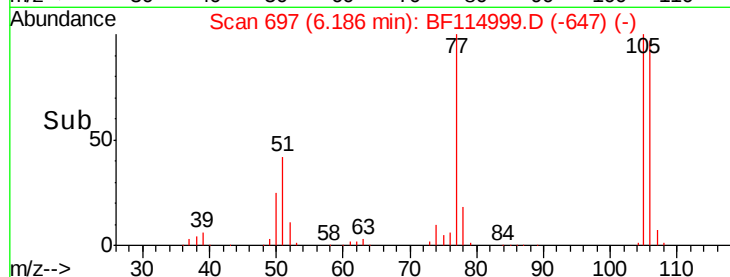
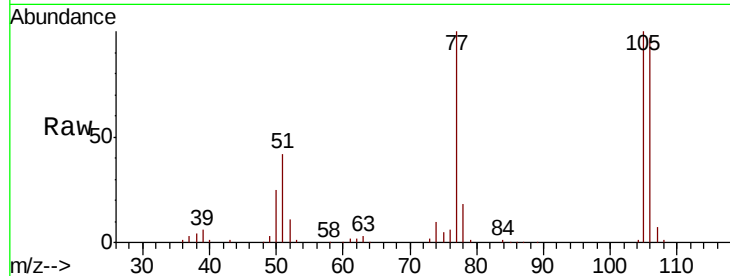




#9
Benzaldehyde
Concen: 8.864 ng
RT: 6.19 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

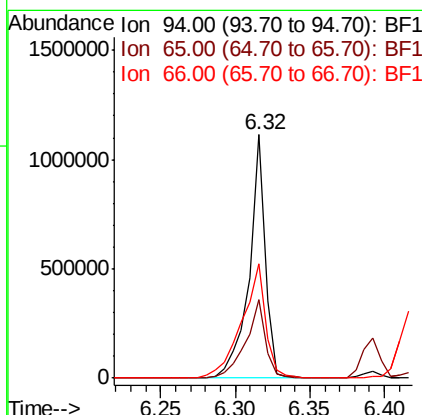
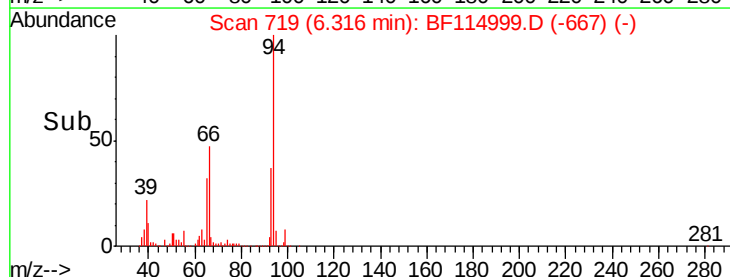
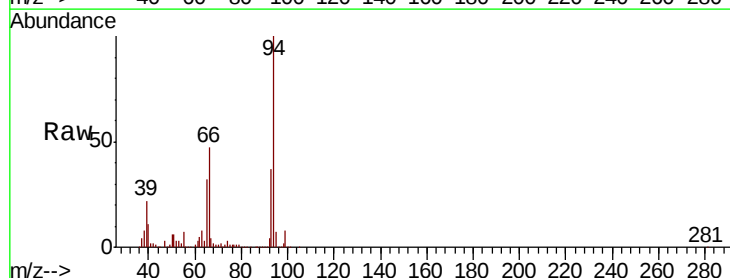
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

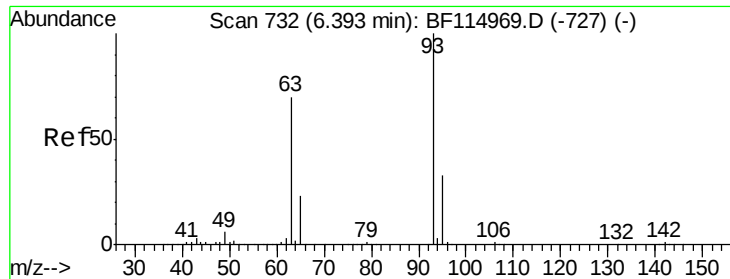
Tot Ion	Ratio	Lower	Upper
77	100		
105	99.9	85.1	125.1
106	97.1	80.0	120.0



#10
Phenol
Concen: 37.851 ng
RT: 6.32 min Scan# 719
Delta R.T. 0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.3	20.0	60.0
66	47.0	44.1	84.1

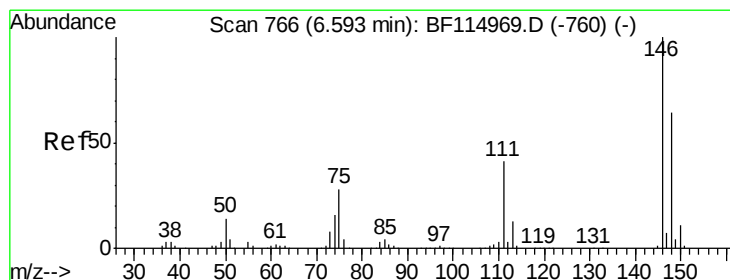
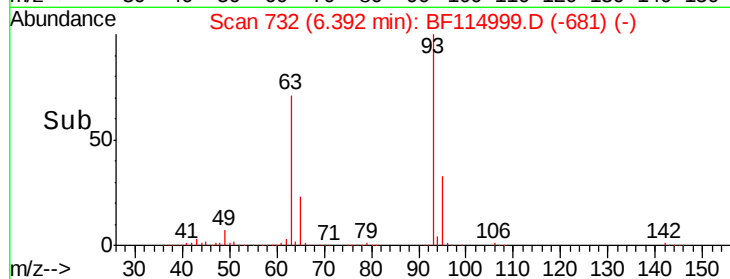
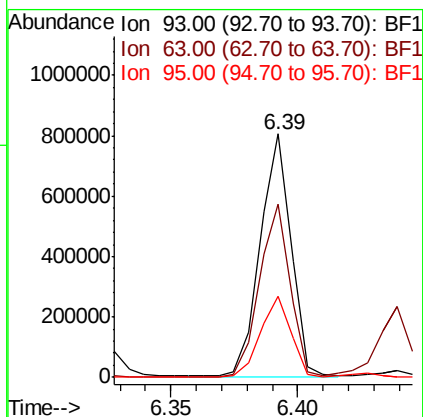
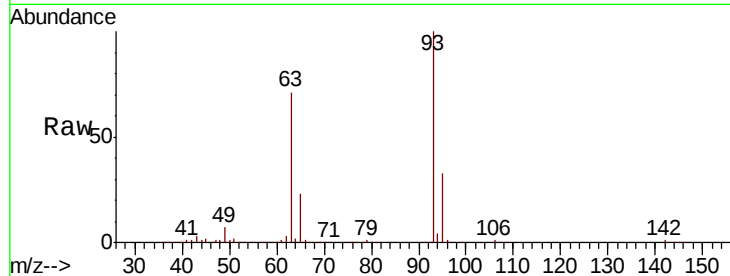




#11
bis(2-Chloroethyl)ether
Concen: 40.289 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

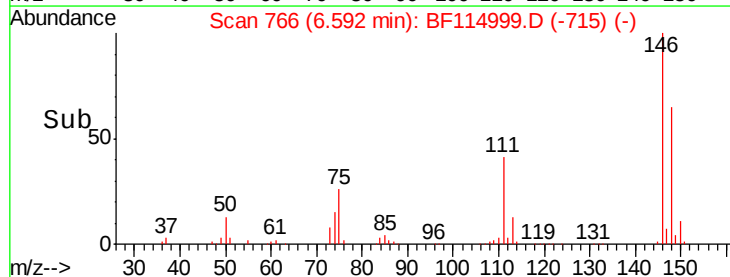
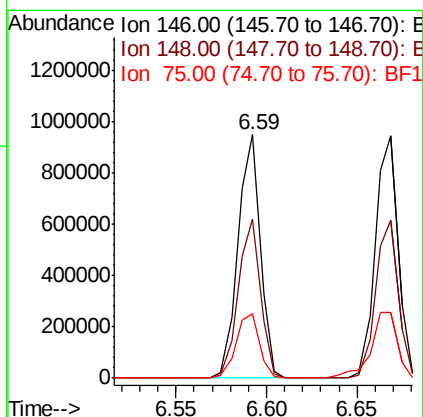
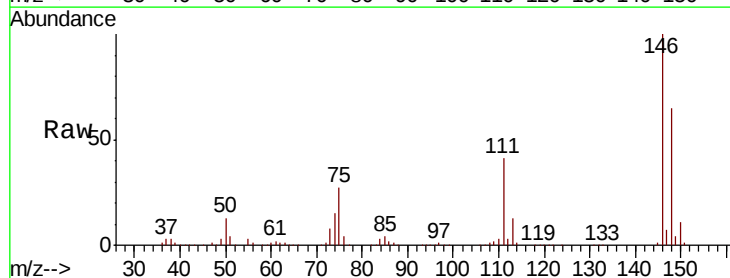
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

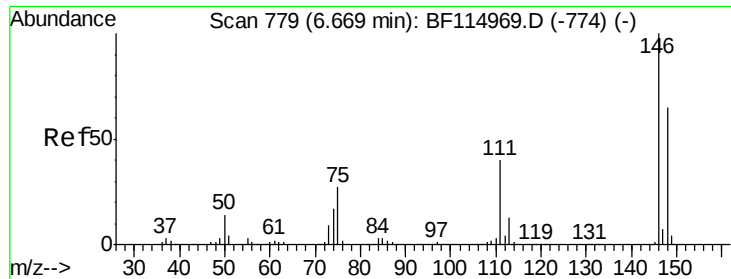
Tot Ion	93	Resp	691652
Ion	Ratio	Lower	Upper
93	100		
63	71.1	49.8	89.8
95	33.5	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 37.458 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion	146	Resp	813055
Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.6	77.4
75	26.6	22.3	33.5

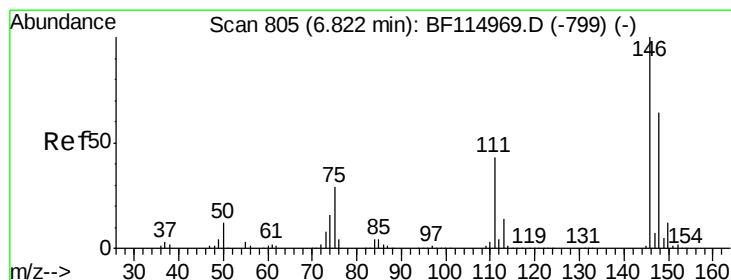
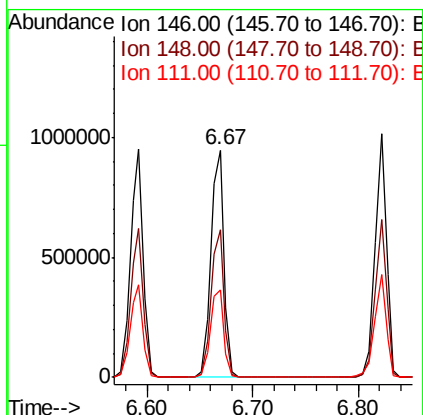
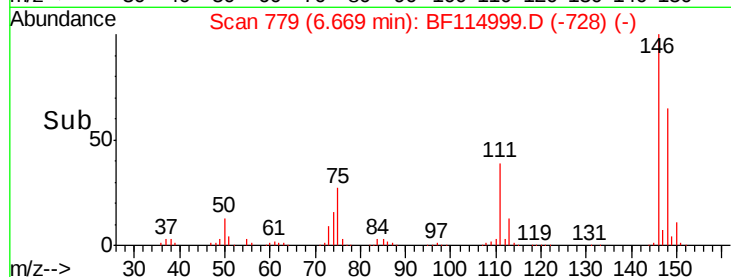
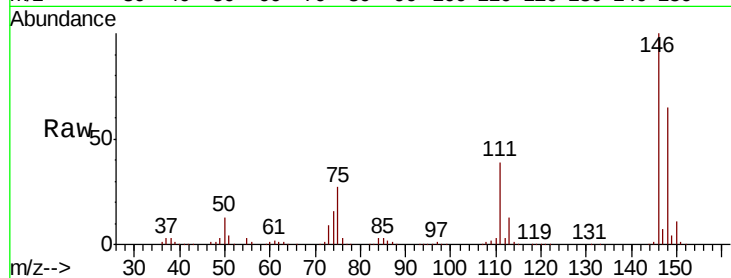




#13
 1,4-Dichlorobenzene
 Concen: 37.955 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

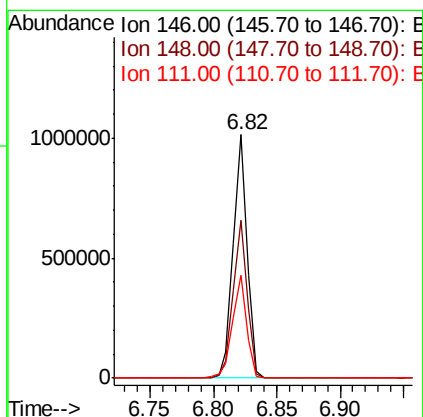
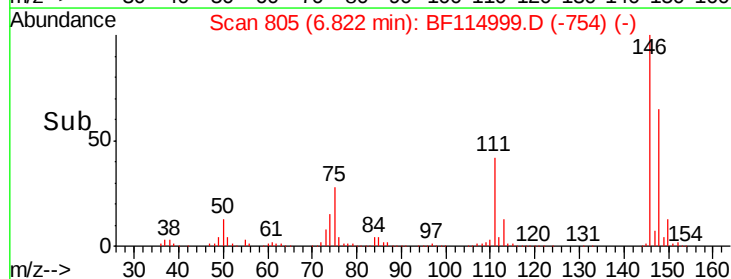
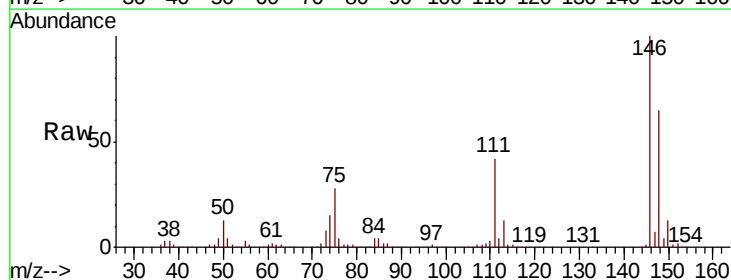
Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)MSD

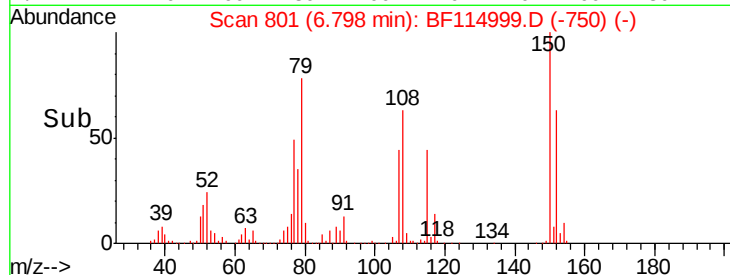
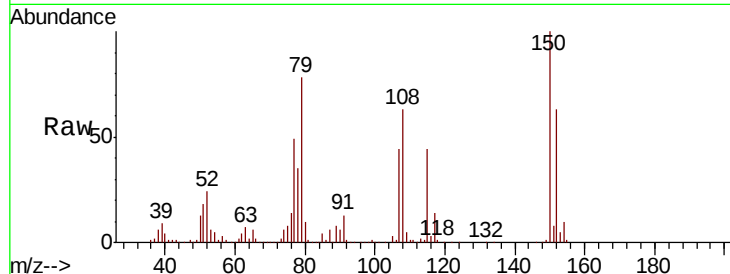
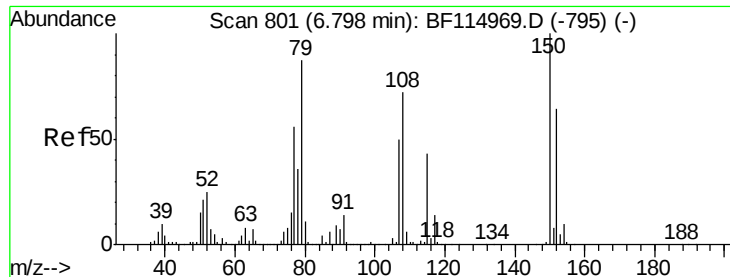
Tot Ion:146 Resp: 828240
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.2 78.2
 111 38.5 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 37.228 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Tgt Ion:146 Resp: 764826
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.5 77.3
 111 42.0 34.6 51.8

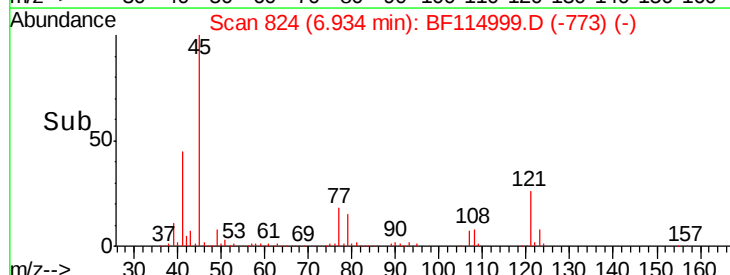
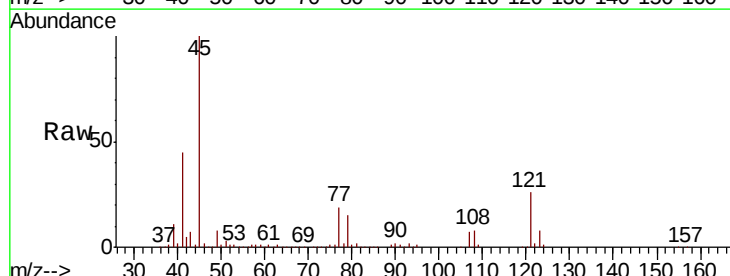
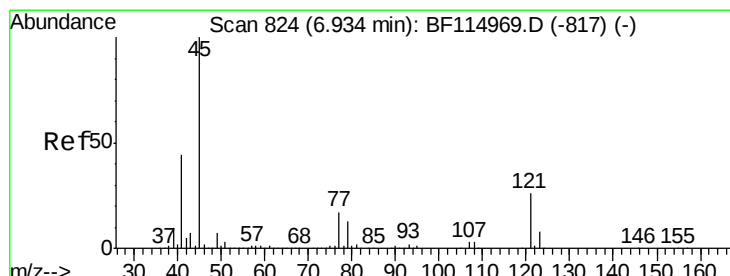
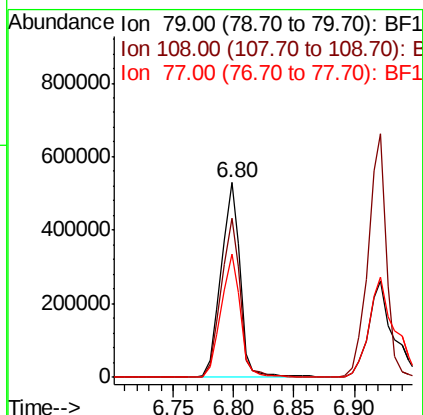




#15
Benzyl Alcohol
Concen: 38.983 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

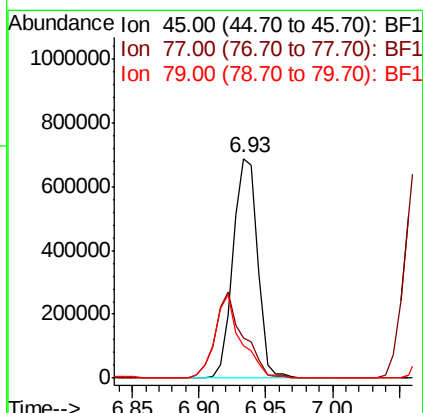
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

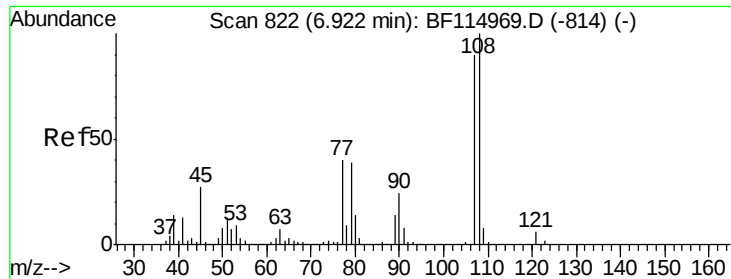
Tot Ion: 79 Resp: 577412
Ion Ratio Lower Upper
79 100
108 81.4 66.0 99.0
77 63.0 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.571 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion: 45 Resp: 886244
Ion Ratio Lower Upper
45 100
77 18.5 0.0 37.0
79 14.6 0.0 33.1

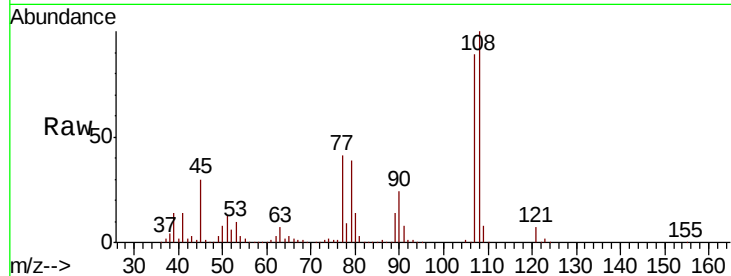




#17
2-Methylphenol
Concen: 39.964 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.0	89.3	133.9
77	46.0	35.4	53.2
79	44.1	34.9	52.3



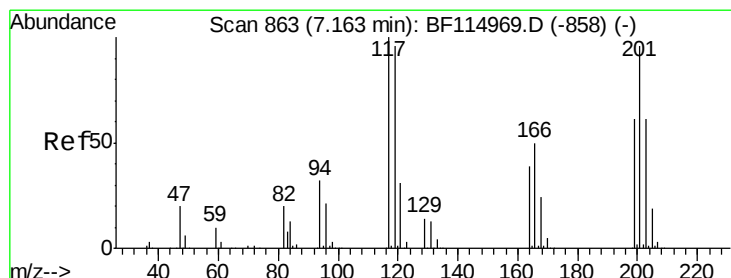
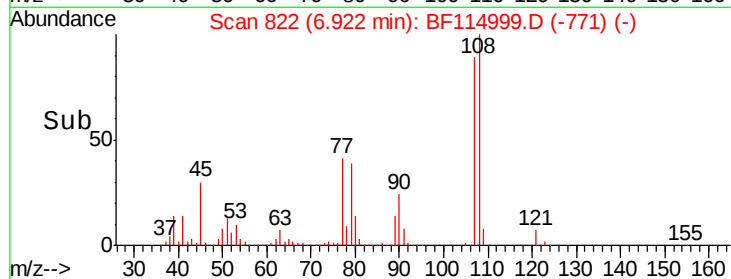
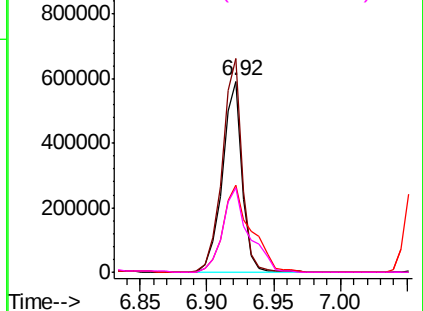
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

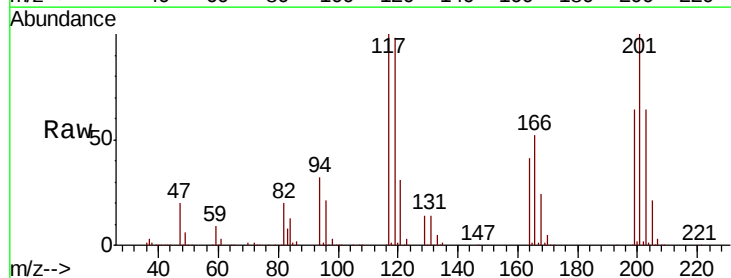
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 35.260 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.0	115.4
201	99.9	76.6	115.0

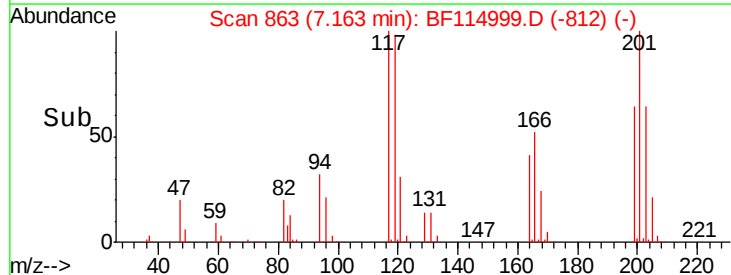
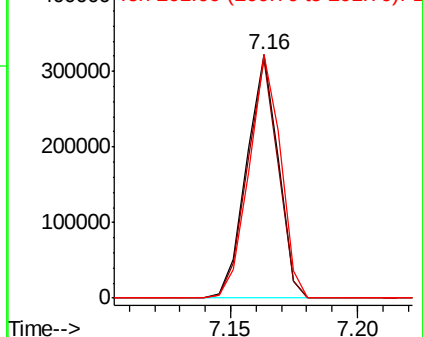


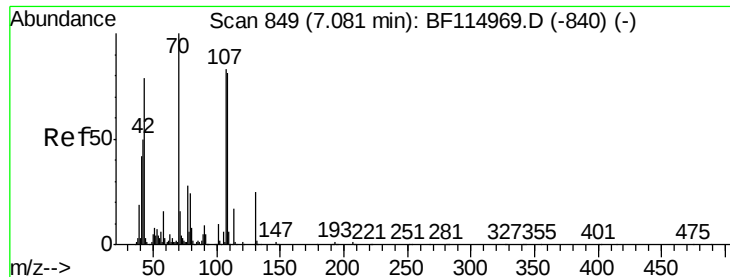
Abundance

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

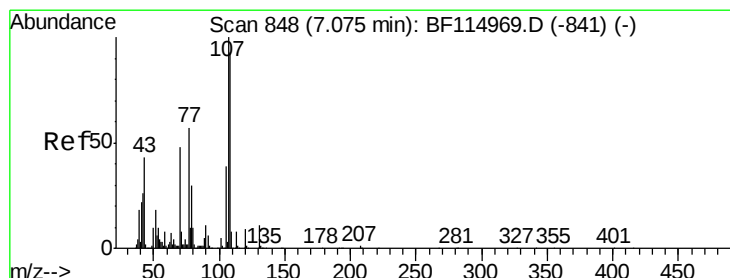
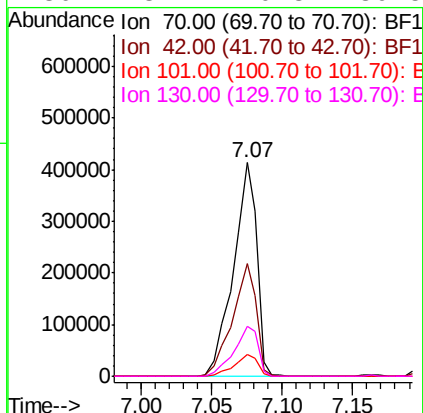
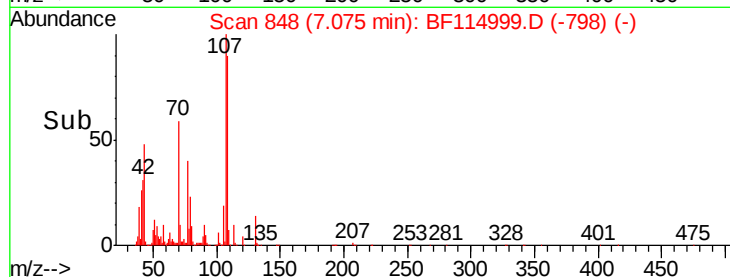
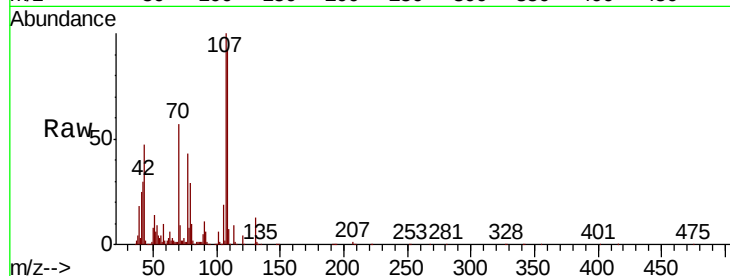




#19
n-Nitroso-di-n-propylamine
Concen: 39.501 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

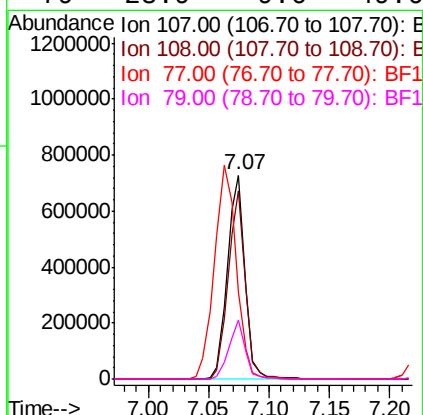
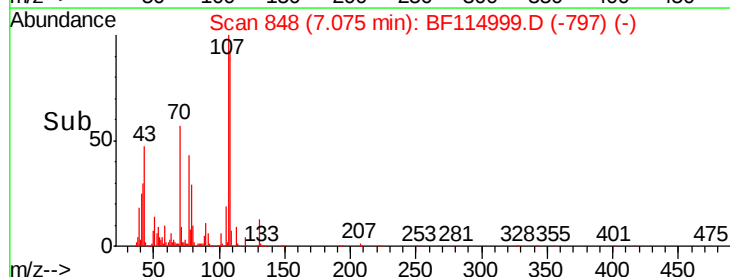
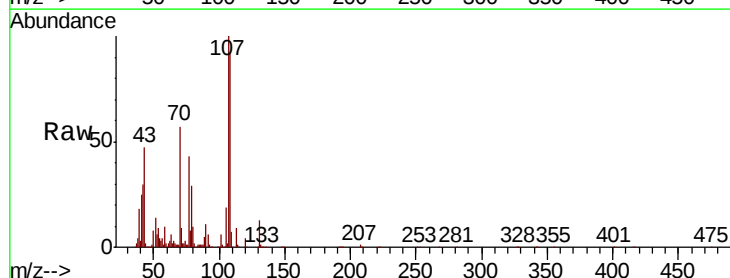
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

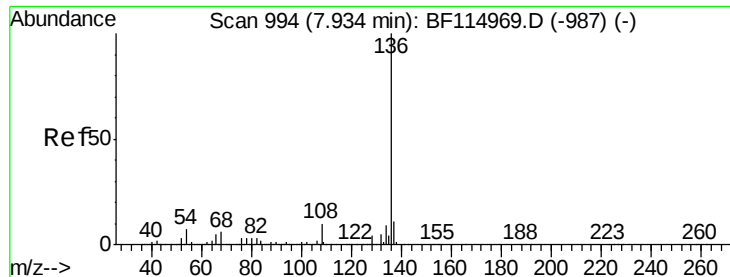
Tot Ion:	70	Resp:	474458
Ion	Ratio	Lower	Upper
70	100		
42	52.7	40.3	60.5
101	10.2	8.2	12.4
130	23.4	20.3	30.5



#20
3+4-Methylphenols
Concen: 39.528 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion:	107	Resp:	729191
Ion	Ratio	Lower	Upper
107	100		
108	92.1	73.1	113.1
77	42.9	37.3	77.3
79	28.9	9.6	49.6

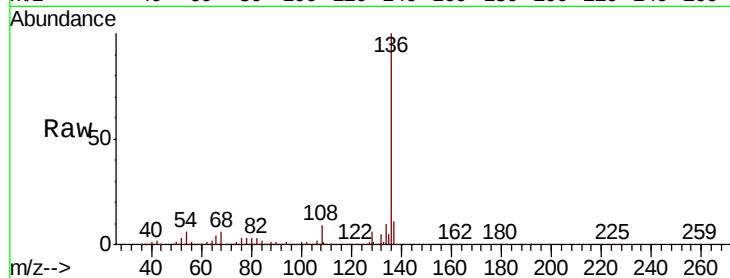




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

Tot Ion:136	Resp: 1040648
Ion Ratio	Lower Upper
136 100	
137 11.3	9.0 13.4
54 6.2	5.4 8.0
68 5.6	4.6 7.0



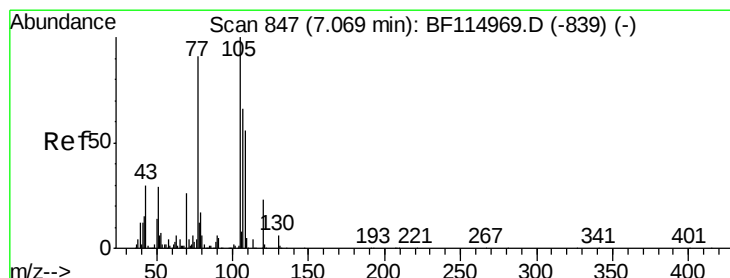
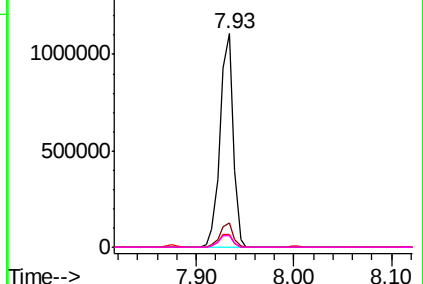
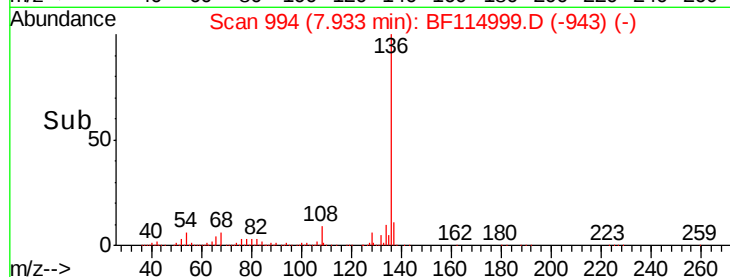
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

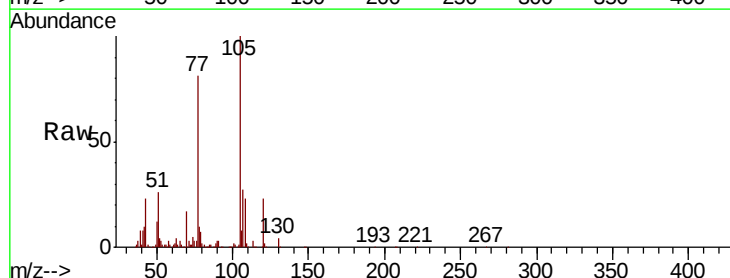
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 42.896 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion:105	Resp: 1010507
Ion Ratio	Lower Upper
105 100	
71 2.9	3.4 5.2#
51 25.6	23.3 34.9
120 23.0	18.8 28.2



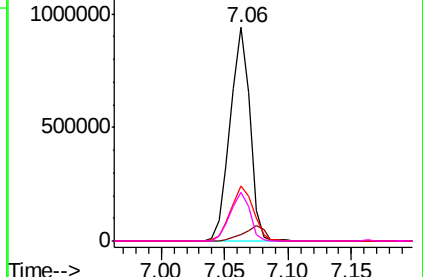
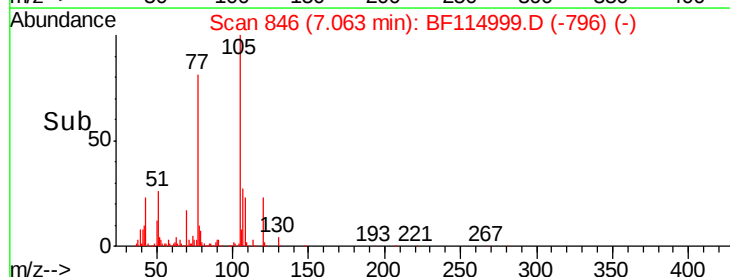
Abundance

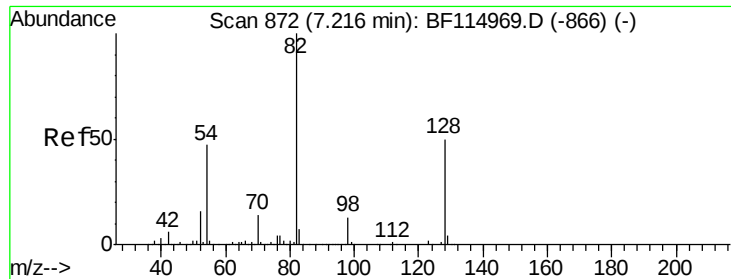
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

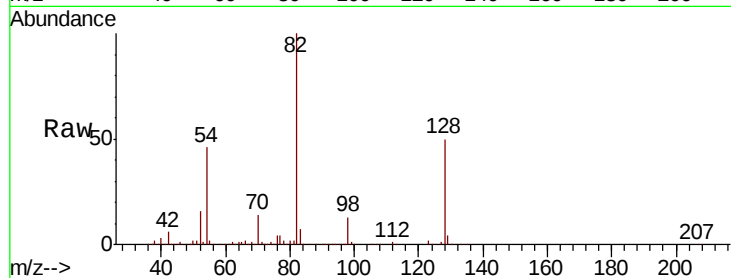




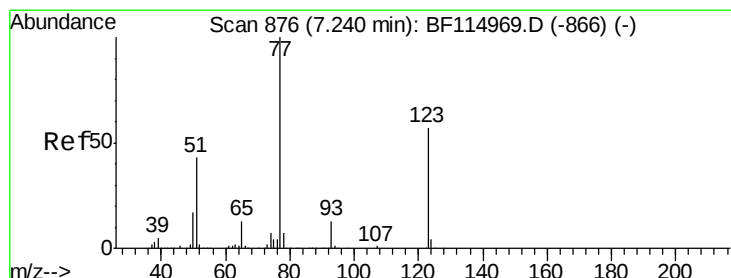
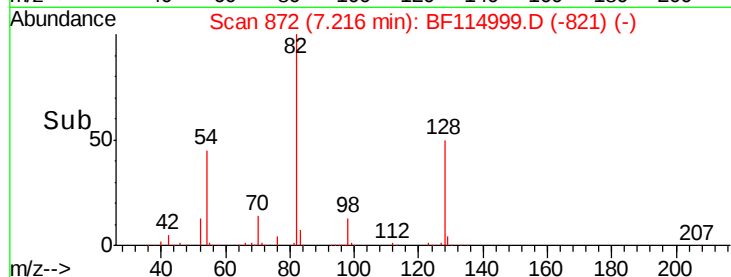
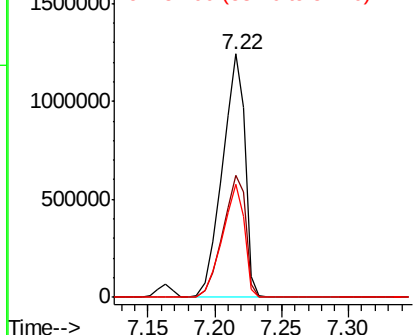
#23
Nitrobenzene-d5
Concen: 86.043 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

Tot Ion: 82 Resp: 1487571
Ion Ratio Lower Upper
82 100
128 50.4 39.9 59.9
54 46.2 37.3 55.9

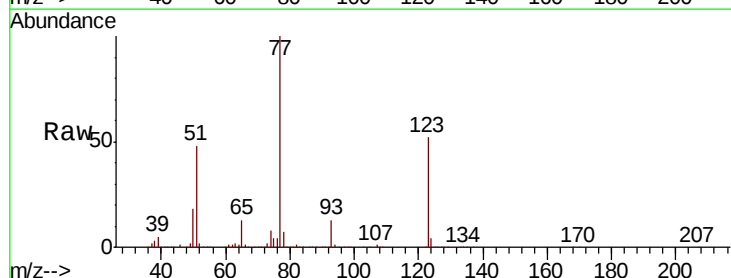


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

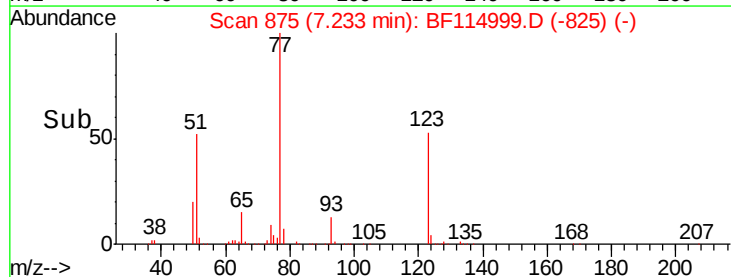
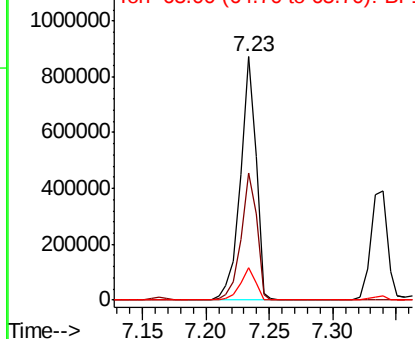


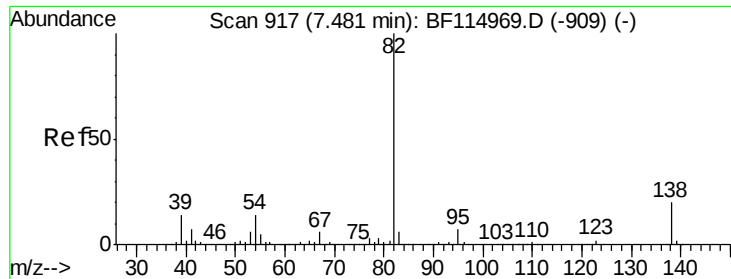
#24
Nitrobenzene
Concen: 41.555 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion: 77 Resp: 730972
Ion Ratio Lower Upper
77 100
123 52.4 45.5 68.3
65 13.2 10.3 15.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.720 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

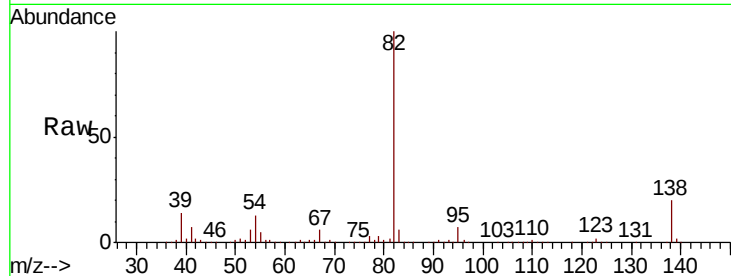
Tot Ion: 82 Resp: 1350924

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

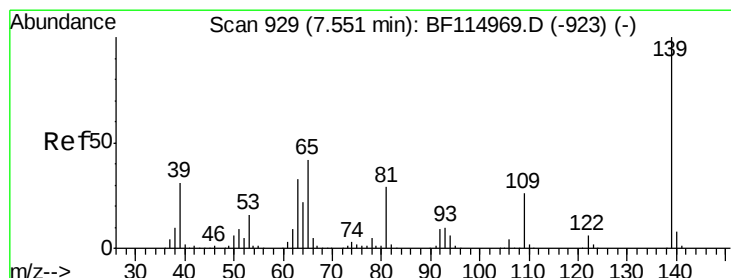
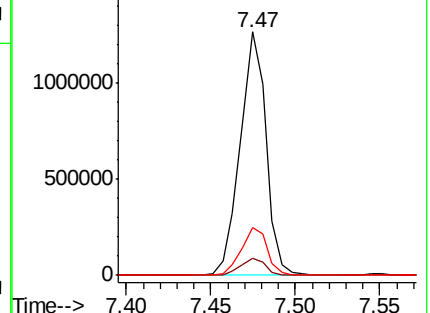
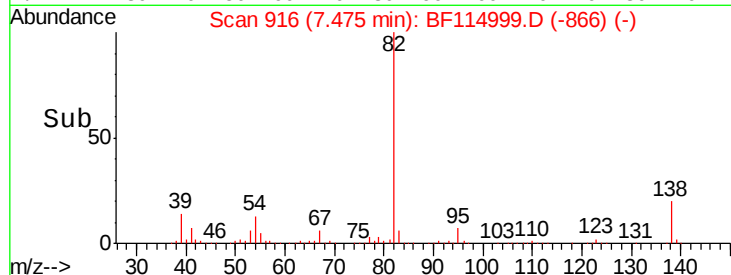
138 19.8 16.1 24.1



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: 37.095 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

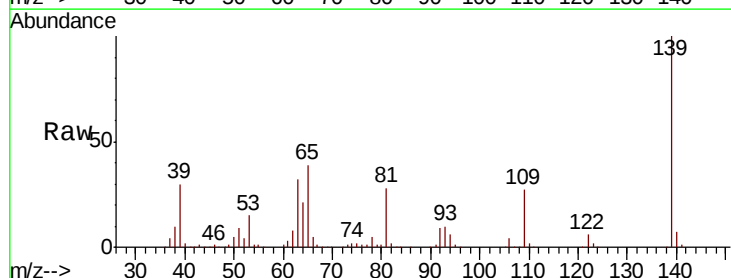
Tgt Ion: 139 Resp: 363702

Ion Ratio Lower Upper

139 100

109 26.5 20.8 31.2

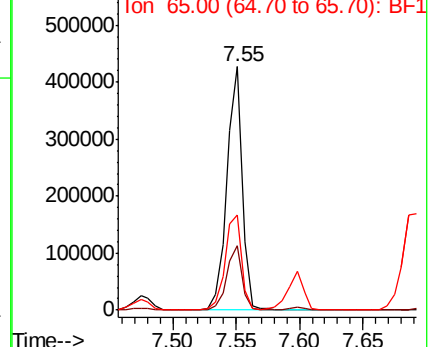
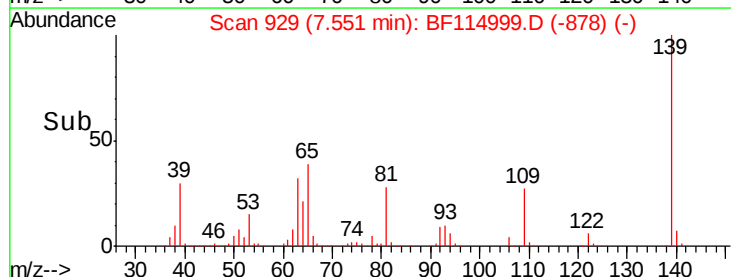
65 39.3 33.4 50.2

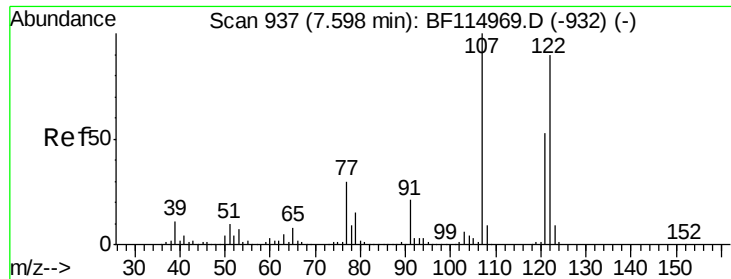


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

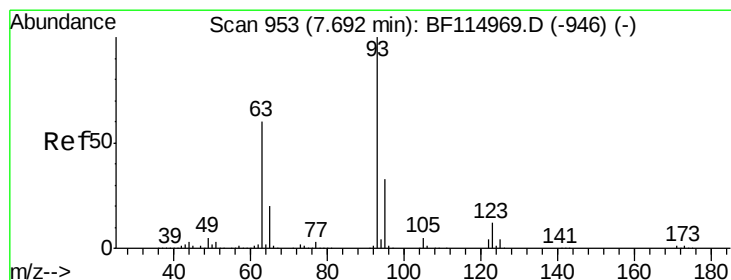
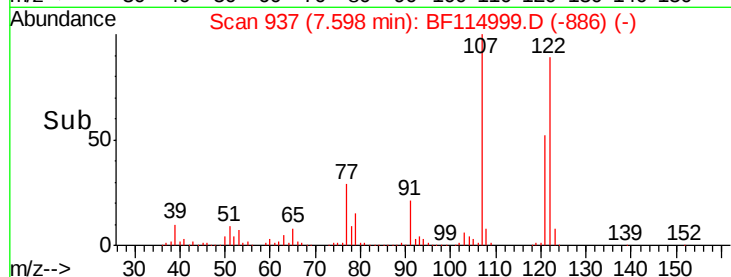
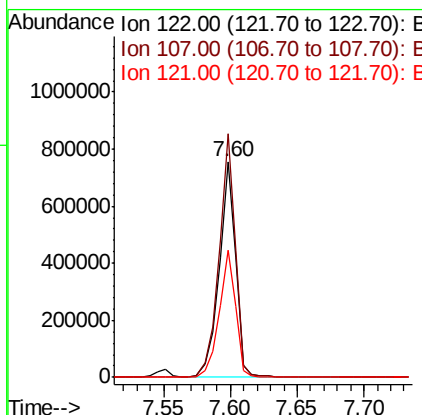
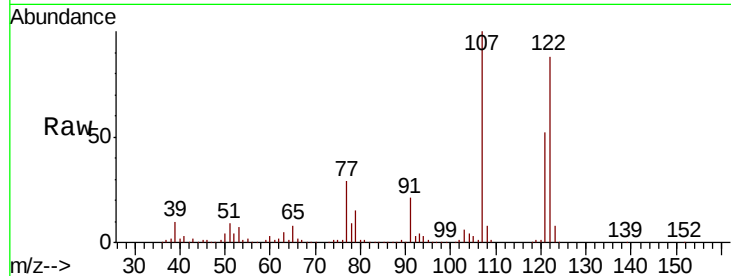




#27
2,4-Dimethylphenol
Concen: 46.660 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

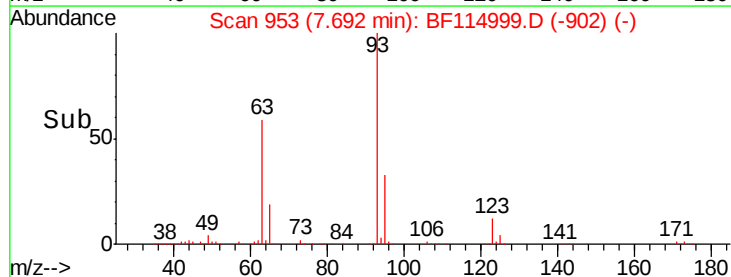
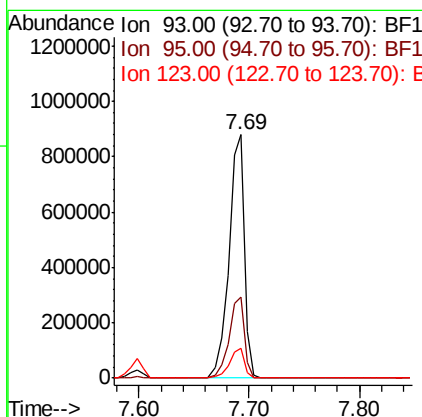
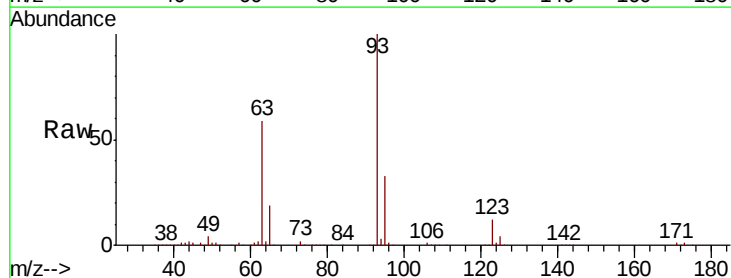
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

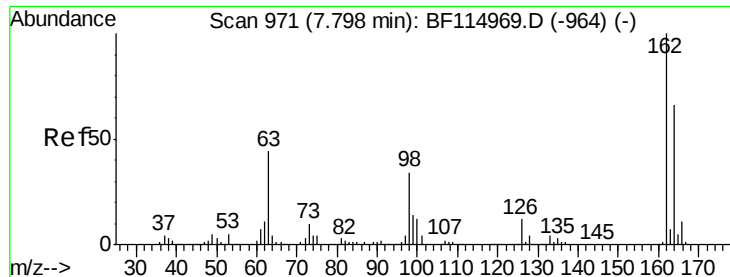
Tot Ion:122 Resp: 659963
Ion Ratio Lower Upper
122 100
107 113.0 88.8 133.2
121 59.1 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 41.428 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion: 93 Resp: 860652
Ion Ratio Lower Upper
93 100
95 33.4 26.6 40.0
123 12.4 9.9 14.9

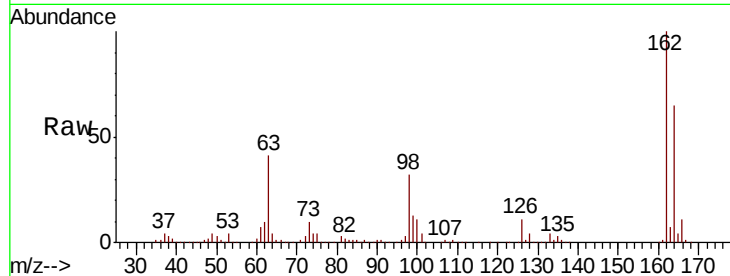




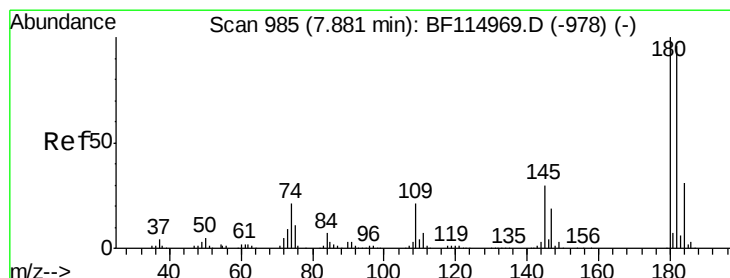
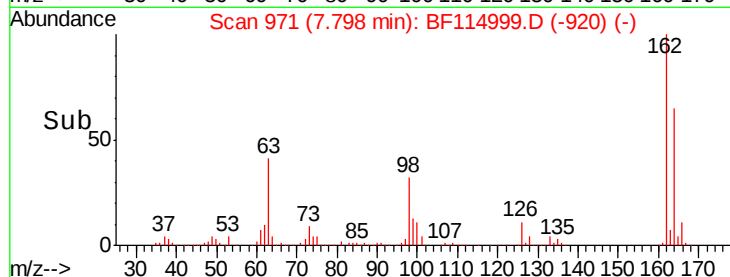
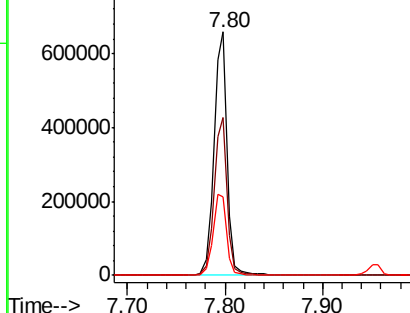
#29
2,4-Dichlorophenol
Concen: 40.603 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

Tot Ion:162 Resp: 606692
Ion Ratio Lower Upper
162 100
164 64.7 45.7 85.7
98 32.4 14.0 54.0

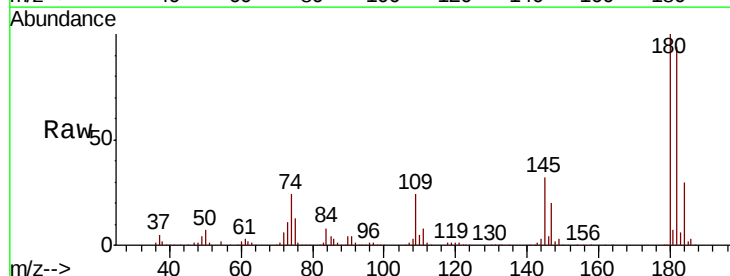


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

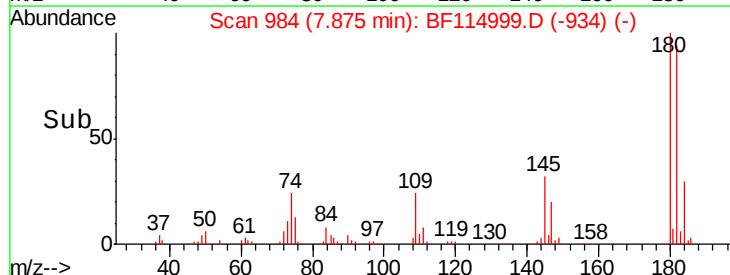
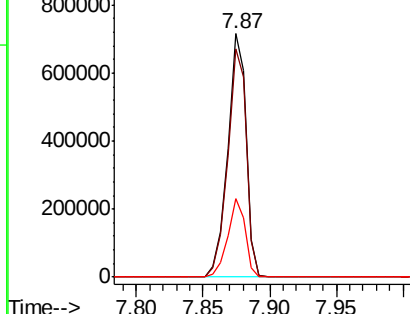


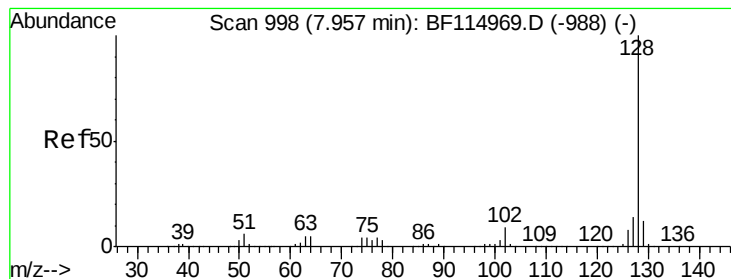
#30
1,2,4-Trichlorobenzene
Concen: 40.654 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion:180 Resp: 701905
Ion Ratio Lower Upper
180 100
182 93.9 76.7 115.1
145 32.2 24.1 36.1



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: 42.101 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

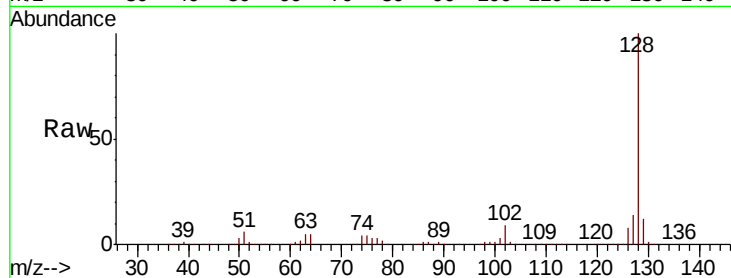
Tot Ion:128 Resp: 2072949

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

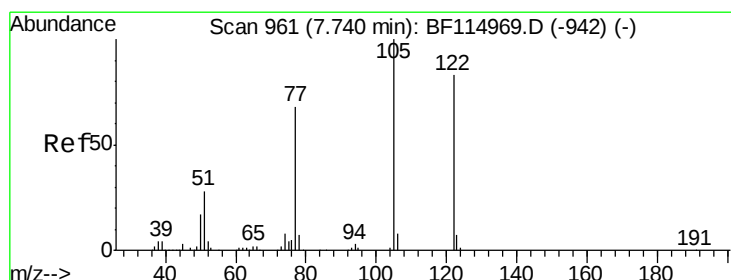
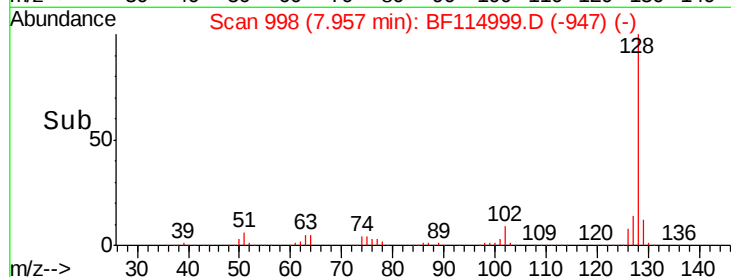
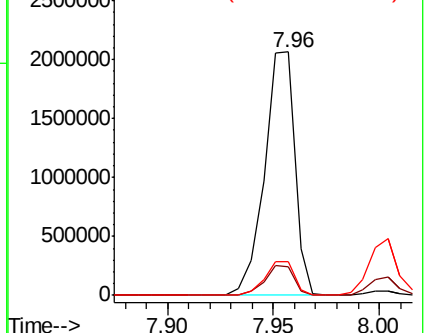
127 13.9 11.5 17.3



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: 64.488 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.14 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

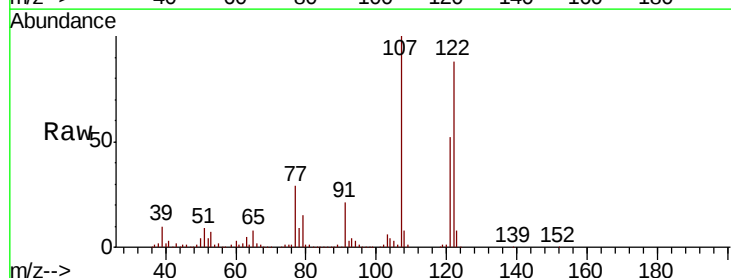
Tgt Ion:122 Resp: 659963

Ion Ratio Lower Upper

122 100

105 3.5 98.6 138.6#

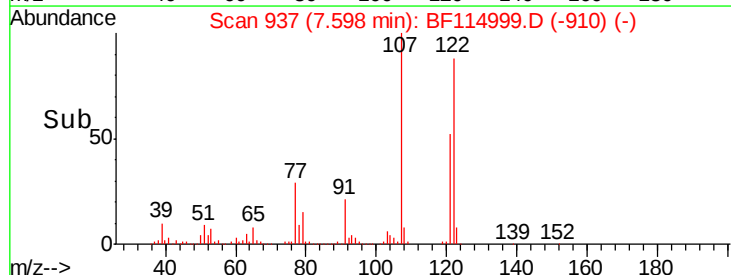
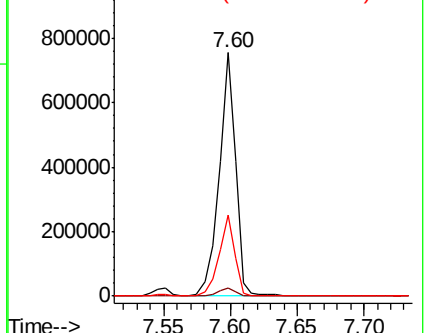
77 33.1 60.9 100.9#

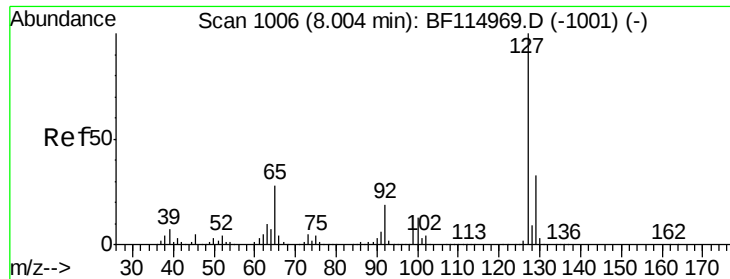


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

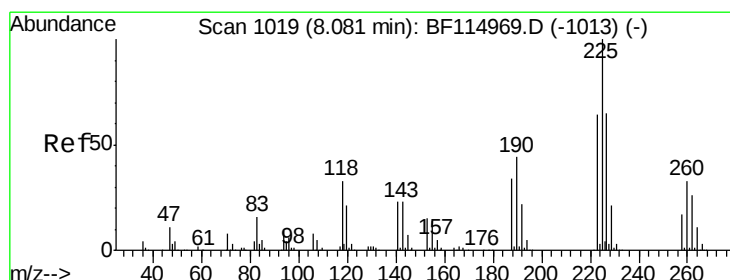
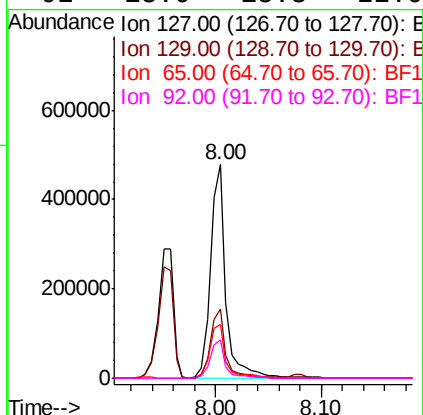
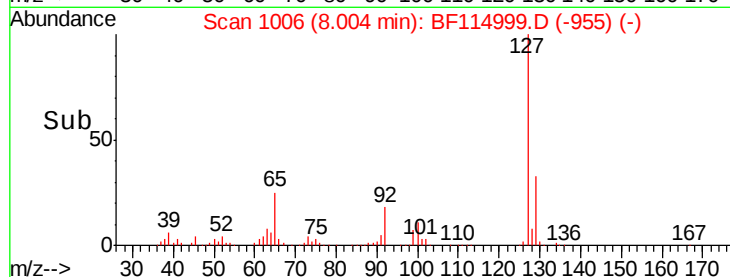
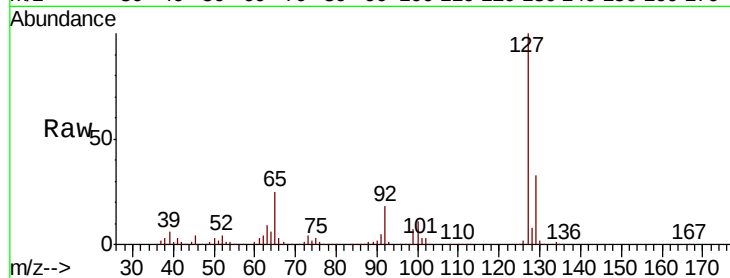




#33
4-Chloroaniline
Concen: 21.451 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

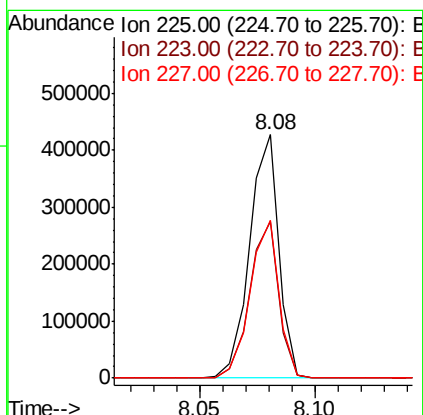
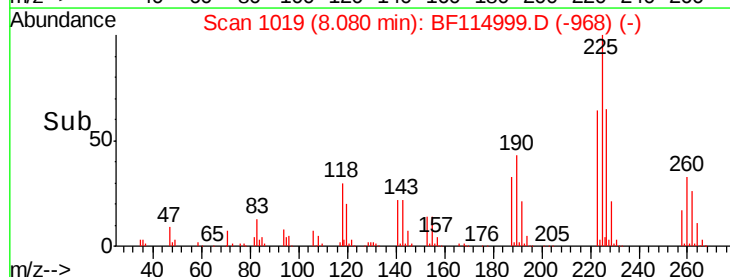
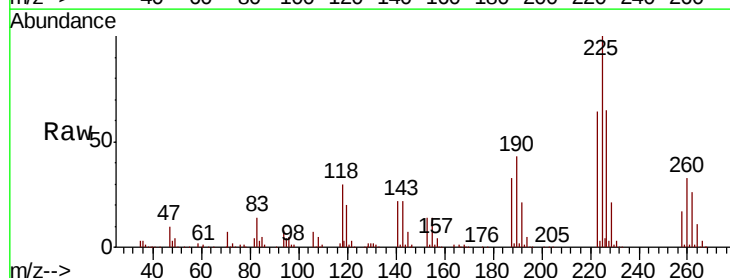
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

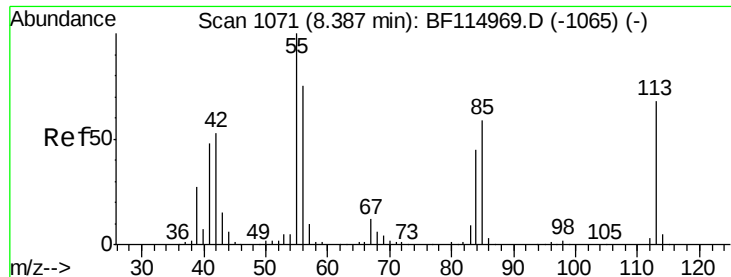
Tot Ion:127 Resp: 487552
Ion Ratio Lower Upper
127 100
129 32.6 26.1 39.1
65 25.0 22.3 33.5
92 18.0 15.3 22.9



#34
Hexachlorobutadiene
Concen: 39.340 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion:225 Resp: 377533
Ion Ratio Lower Upper
225 100
223 64.1 51.0 76.6
227 64.8 51.7 77.5





#35

Caprolactam

Concen: 38.205 ng

RT: 8.37 min Scan# 1068

Delta R.T. -0.02 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

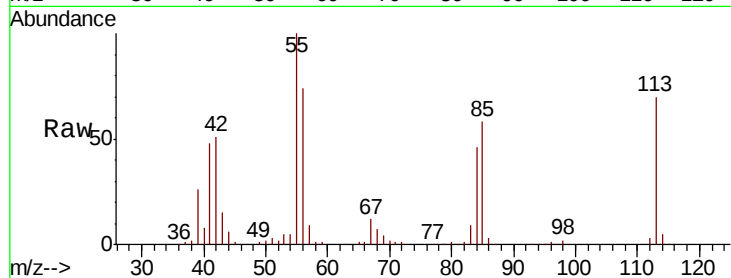
Tot Ion:113 Resp: 190131

Ion Ratio Lower Upper

113 100

55 142.3 127.3 167.3

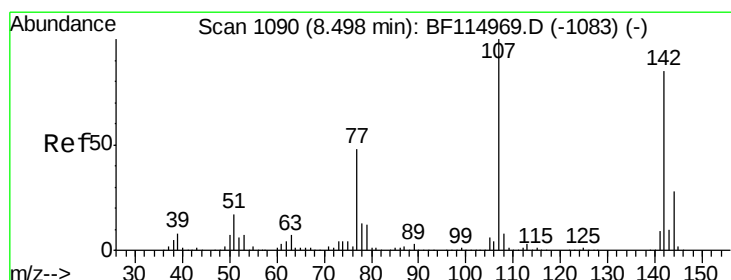
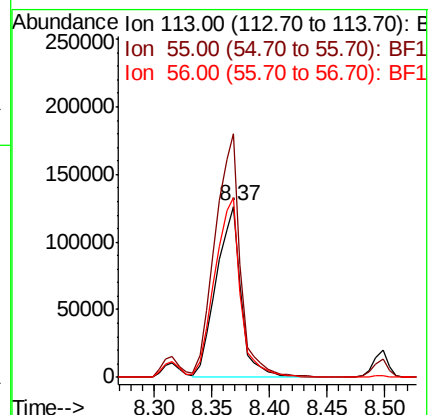
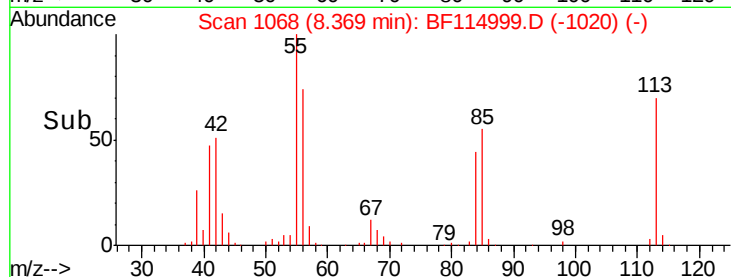
56 105.0 90.6 130.6



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: 41.938 ng

RT: 8.50 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

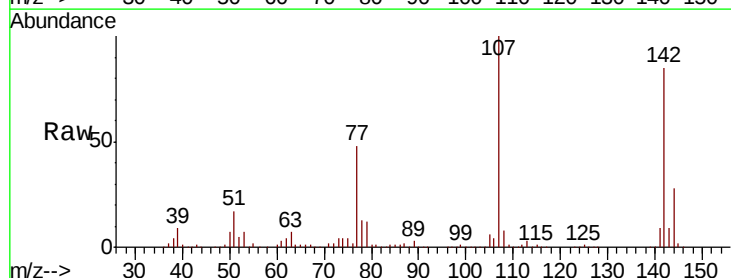
Tgt Ion:107 Resp: 631501

Ion Ratio Lower Upper

107 100

144 27.9 22.0 33.0

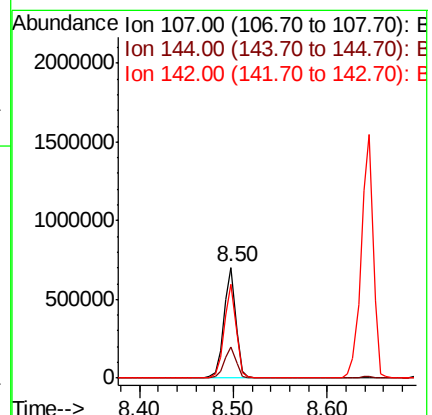
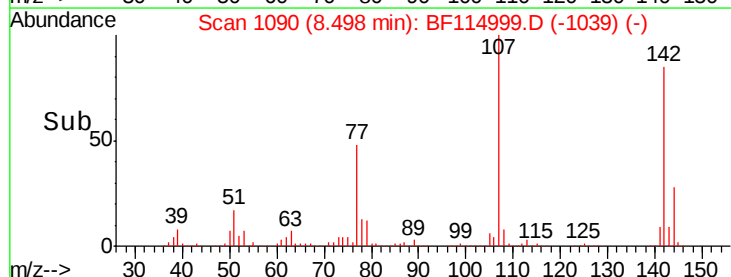
142 85.0 68.2 102.4

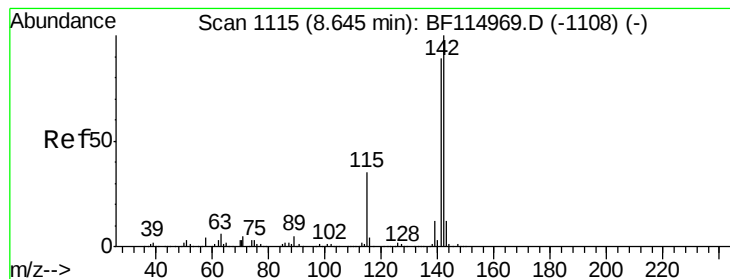


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.769 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

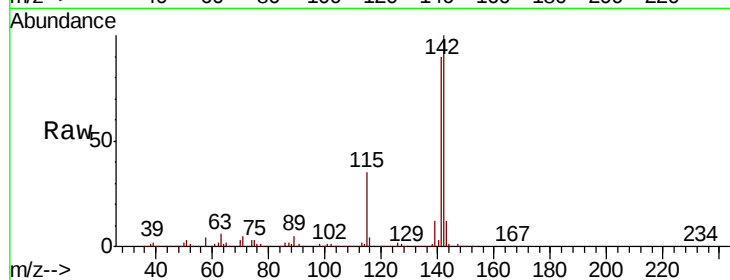
Tot Ion:142 Resp: 1371684

Ion Ratio Lower Upper

142 100

141 89.7 71.0 106.6

115 35.0 27.9 41.9

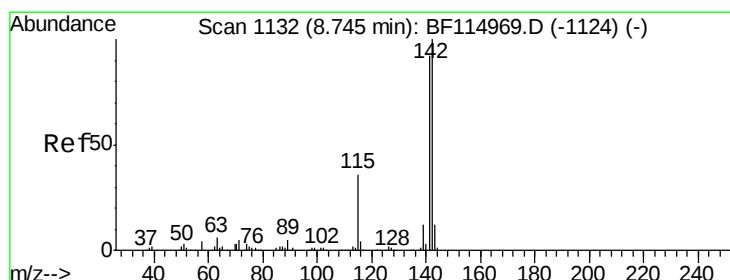
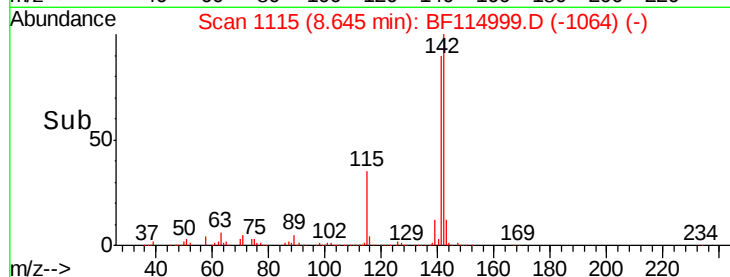
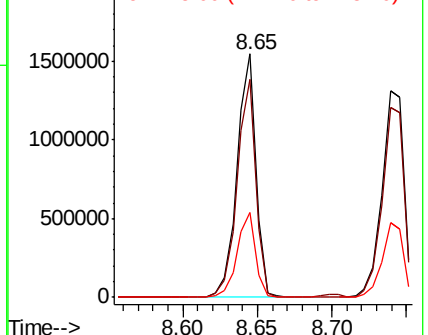


Abundance

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: 42.265 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

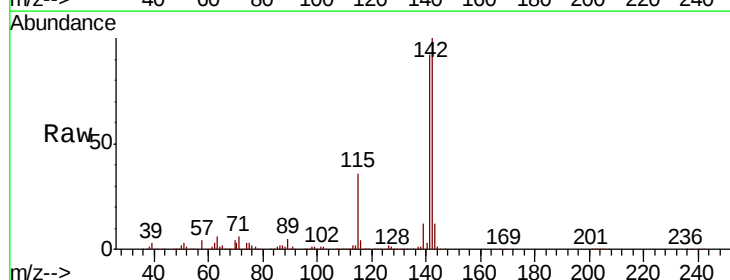
Tgt Ion:142 Resp: 1311834

Ion Ratio Lower Upper

142 100

141 92.1 73.8 110.8

116 3.9 2.9 4.3

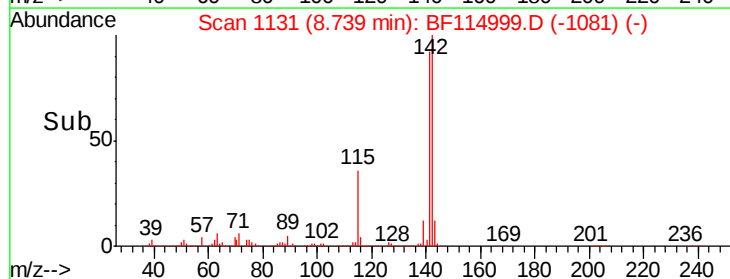
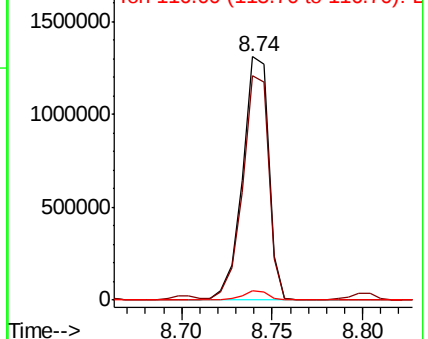


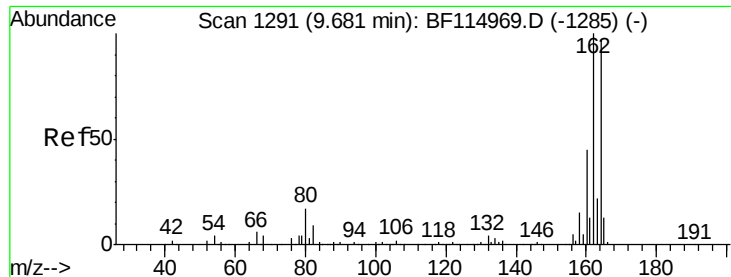
Abundance

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

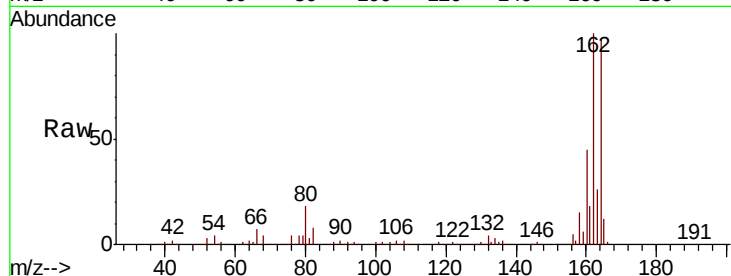




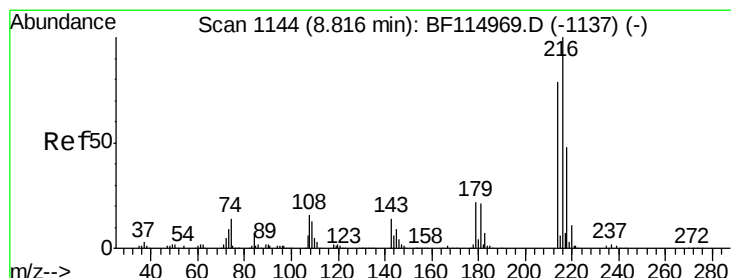
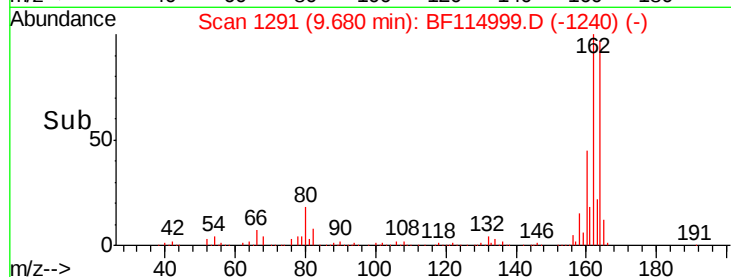
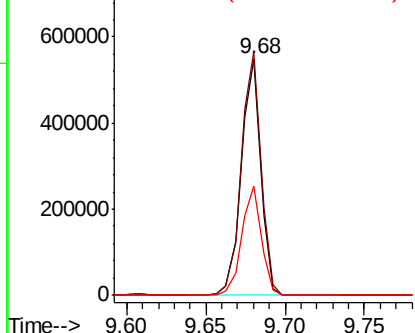
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	124.0
160	46.4	36.9	55.3

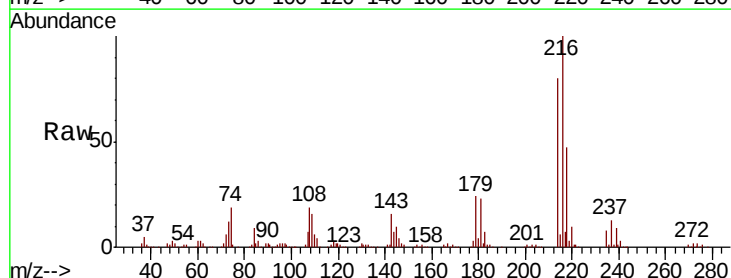


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

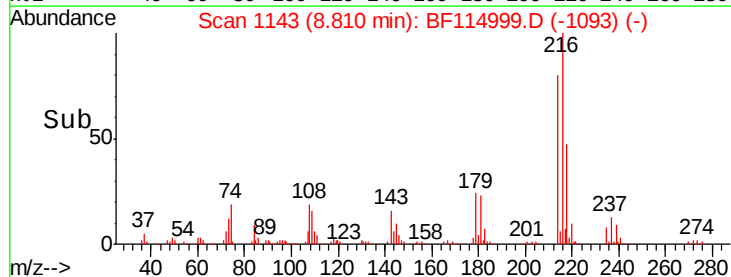
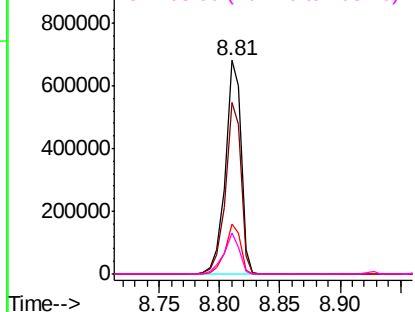


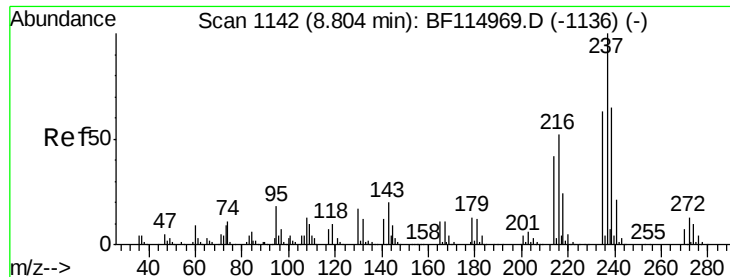
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.865 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.7	95.5
179	23.0	18.2	27.4
108	19.0	15.0	22.6



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: 44.064 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

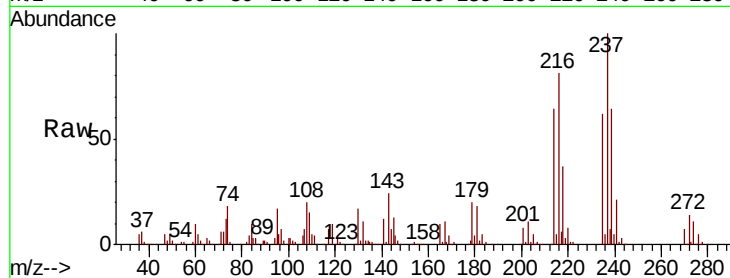
Tot Ion:237 Resp: 297442

Ion Ratio Lower Upper

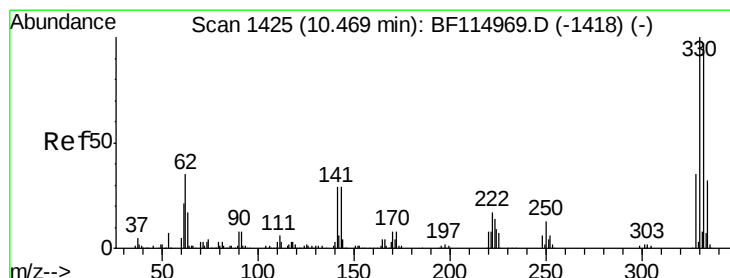
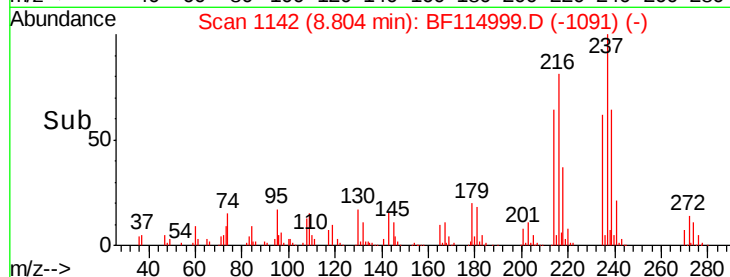
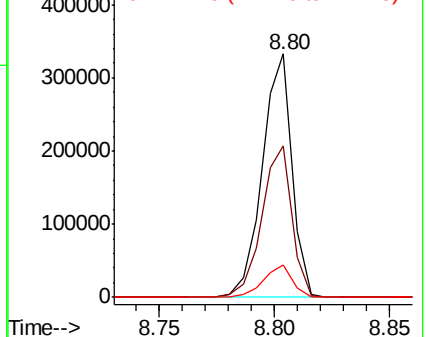
237 100

235 62.1 42.7 82.7

272 13.5 0.0 32.7



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: 105.641 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

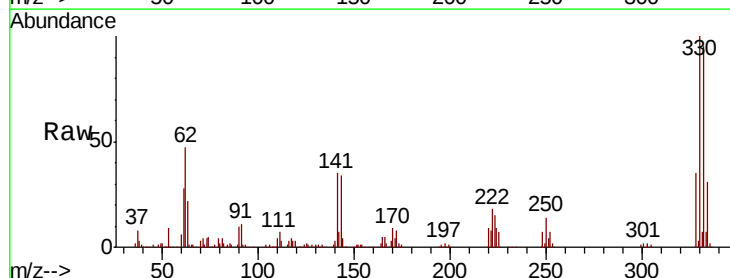
Tgt Ion:330 Resp: 524547

Ion Ratio Lower Upper

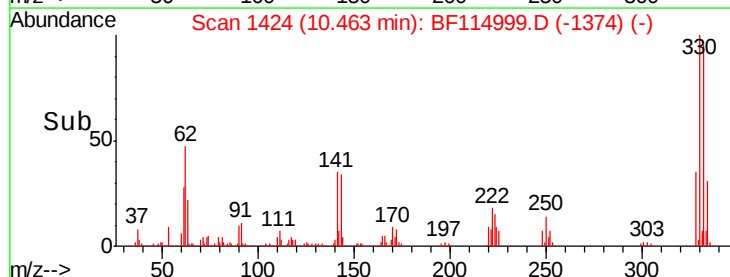
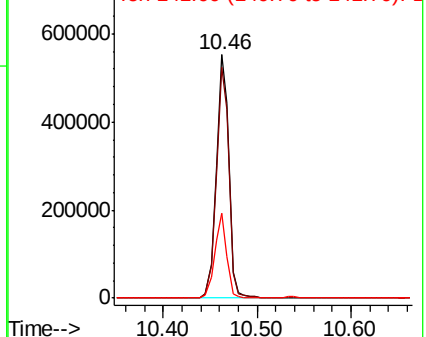
330 100

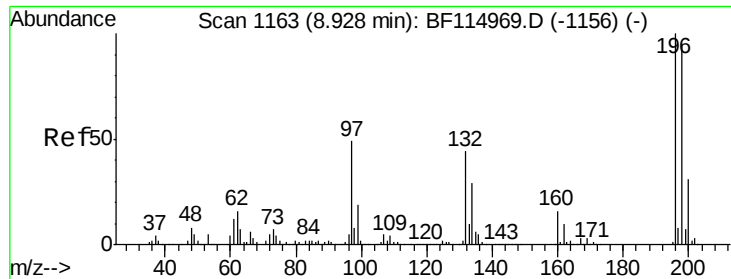
332 95.7 77.6 116.4

141 33.1 27.2 40.8



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

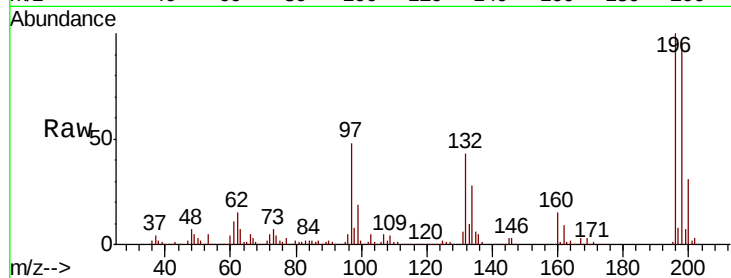




#43
2,4,6-Trichlorophenol
Concen: 30.884 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

Tot Ion	196	Resp	315998
Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.8	113.8
200	30.9	24.9	37.3

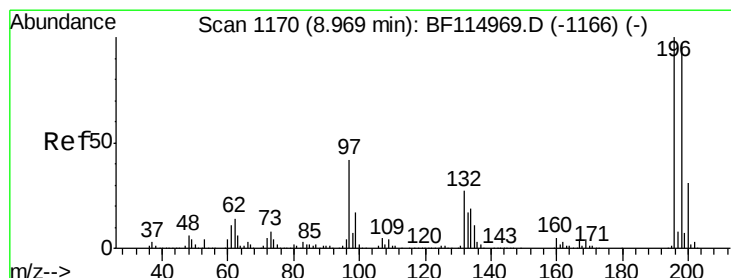
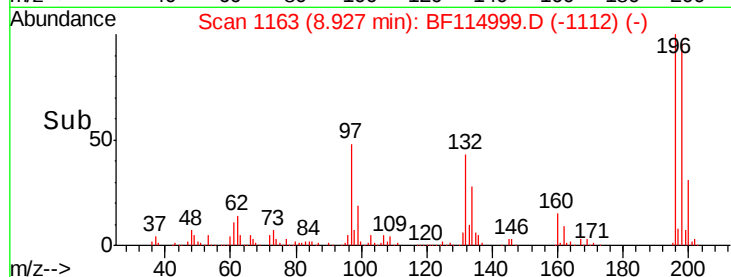
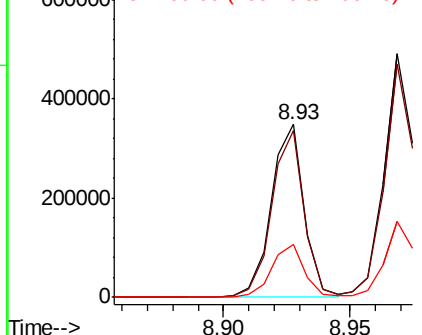


Abundance

Ion 196.00 (195.70 to 196.70): E

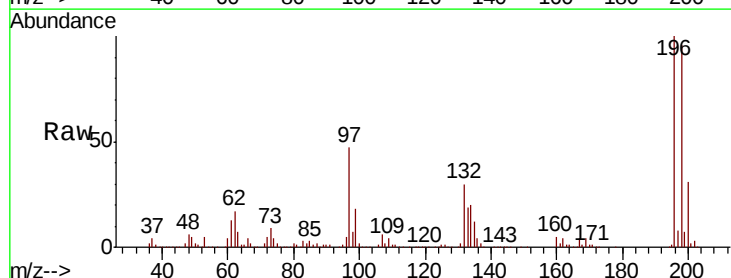
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 39.489 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion	196	Resp	408325
Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.3	115.9
97	47.1	34.2	51.4
132	29.6	22.1	33.1



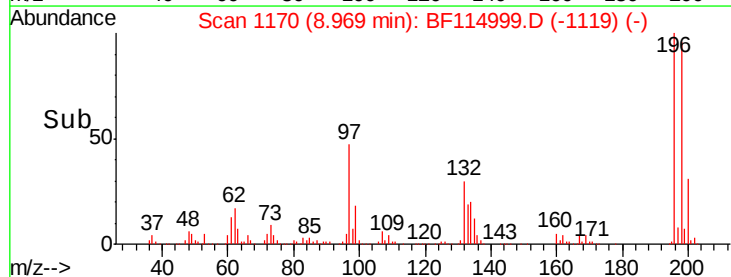
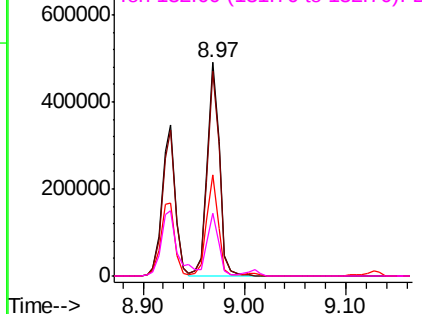
Abundance

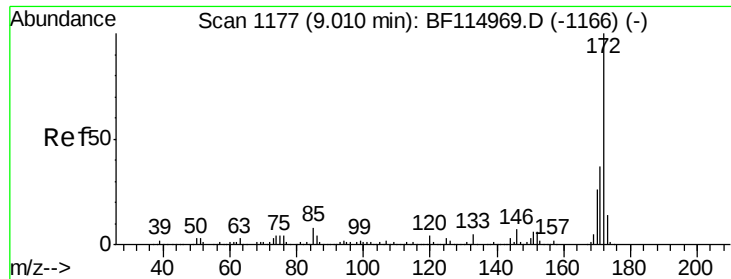
Ion 196.00 (195.70 to 196.70): E

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

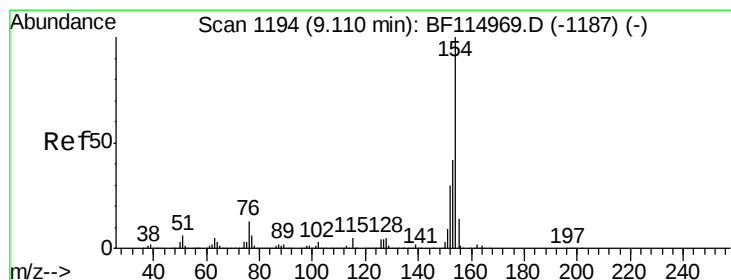
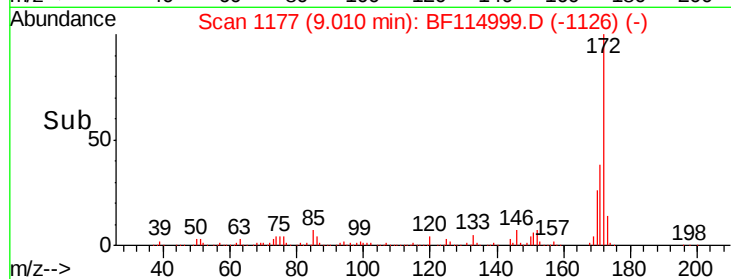
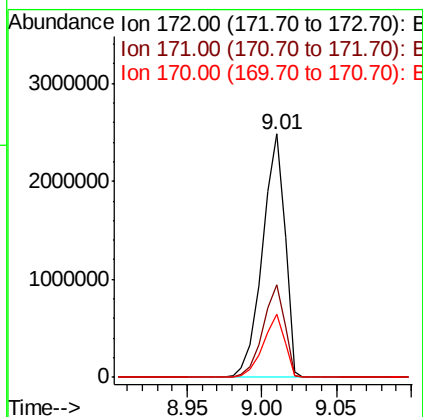
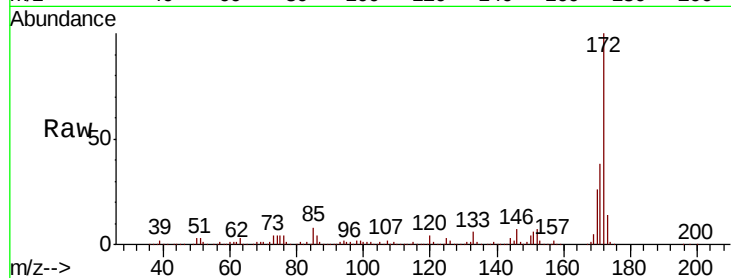




#45
2-Fluorobiphenyl
Concen: 93.496 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

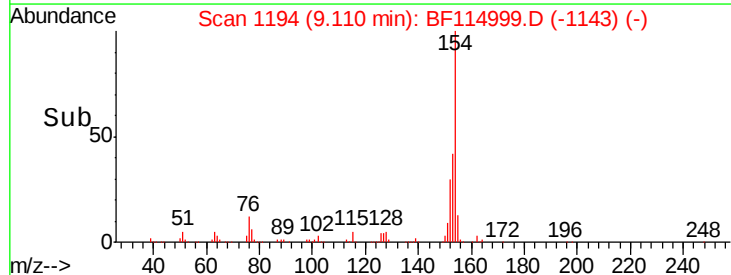
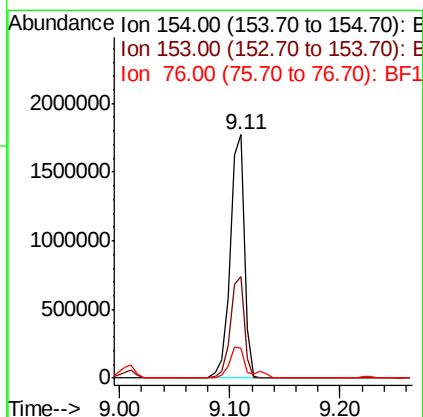
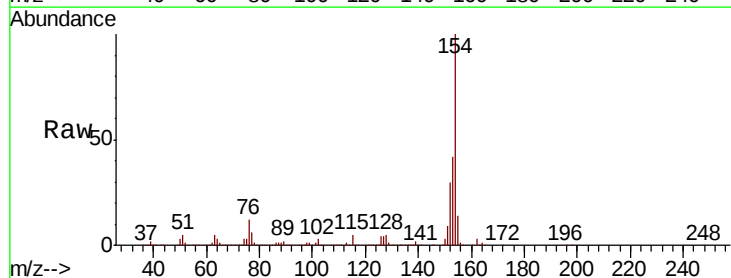
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

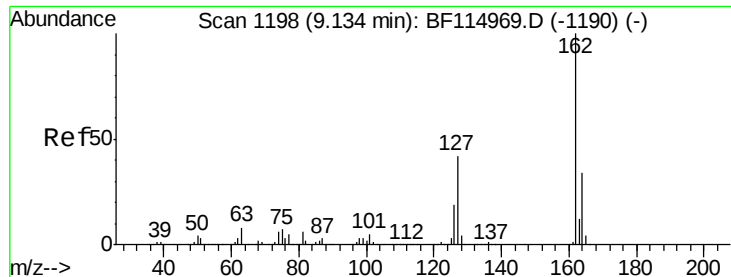
Tot Ion:172 Resp: 2557896
Ion Ratio Lower Upper
172 100
171 38.1 29.8 44.6
170 26.1 20.6 31.0



#46
1,1'-Biphenyl
Concen: 43.179 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion:154 Resp: 1604391
Ion Ratio Lower Upper
154 100
153 41.6 22.4 62.4
76 12.1 0.0 33.3

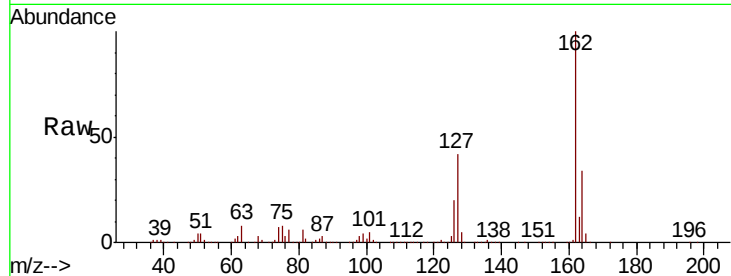




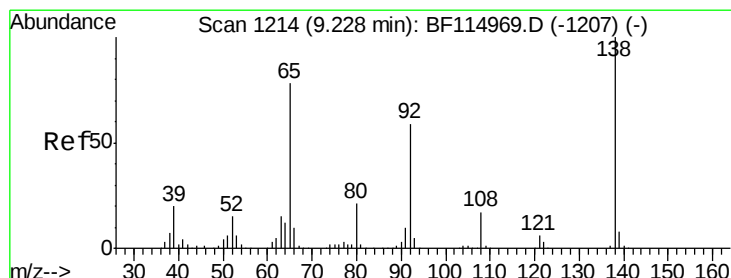
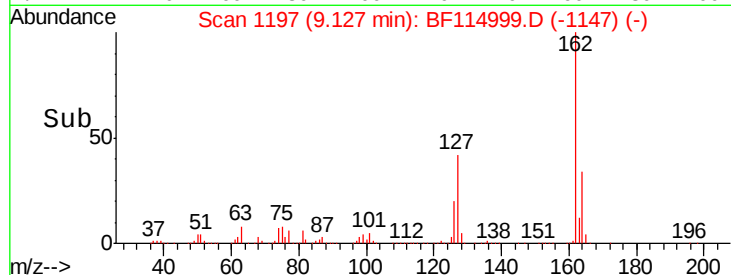
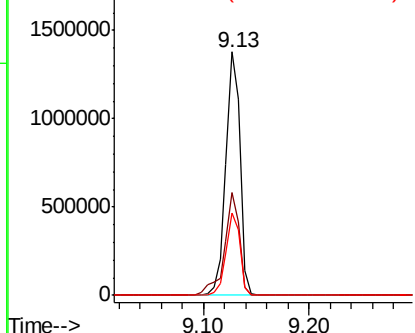
#47
 2-Chloronaphthalene
 Concen: 42.881 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)MSD

Tot Ion:162 Resp: 1288433
 Ion Ratio Lower Upper
 162 100
 127 42.0 33.4 50.2
 164 33.9 27.2 40.8

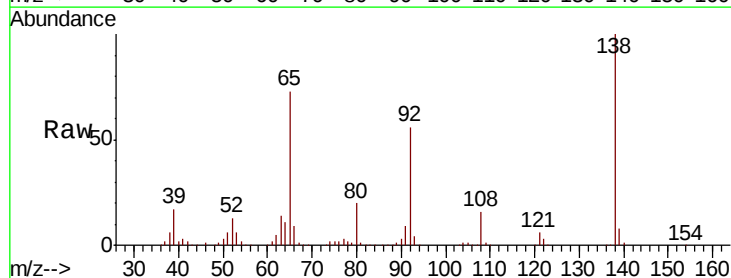


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

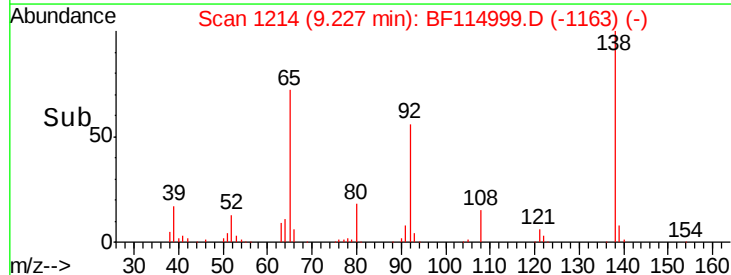
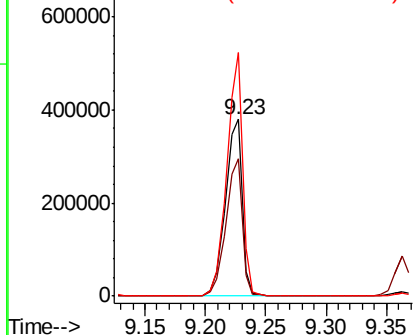


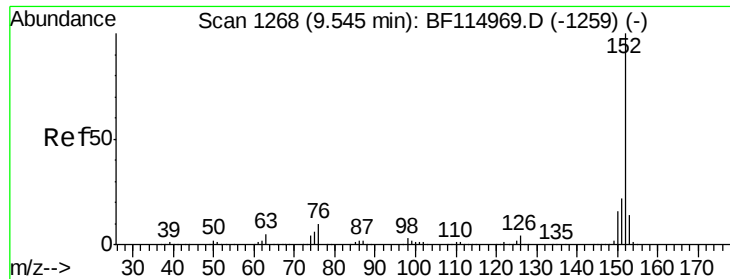
#48
 2-Nitroaniline
 Concen: 41.155 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Tgt Ion: 65 Resp: 365500
 Ion Ratio Lower Upper
 65 100
 92 77.8 60.5 90.7
 138 137.9 102.0 153.0



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





#49

Acenaphthylene

Concen: 41.984 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

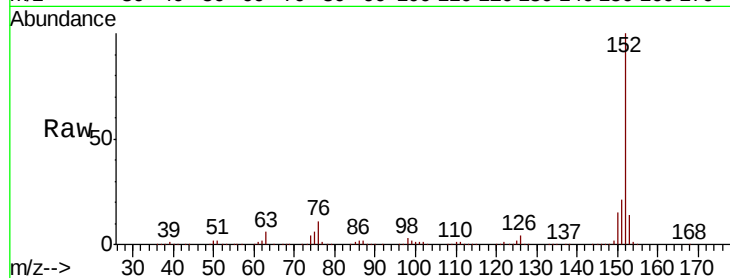
Tot Ion:152 Resp: 1939554

Ion Ratio Lower Upper

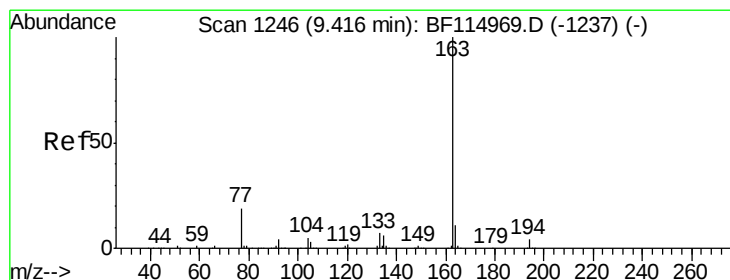
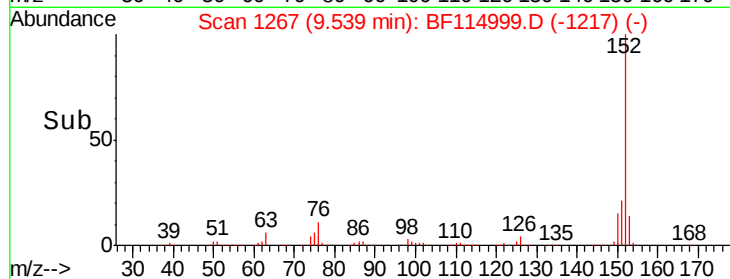
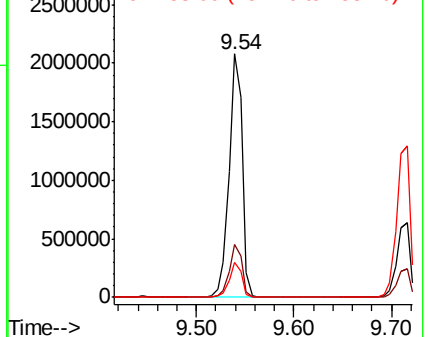
152 100

151 21.5 17.5 26.3

153 14.3 11.2 16.8



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: 64.547 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

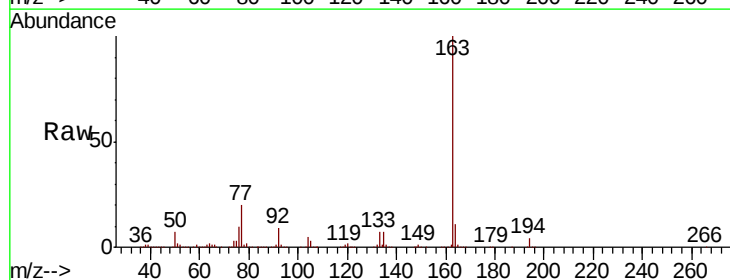
Tgt Ion:163 Resp: 2250795

Ion Ratio Lower Upper

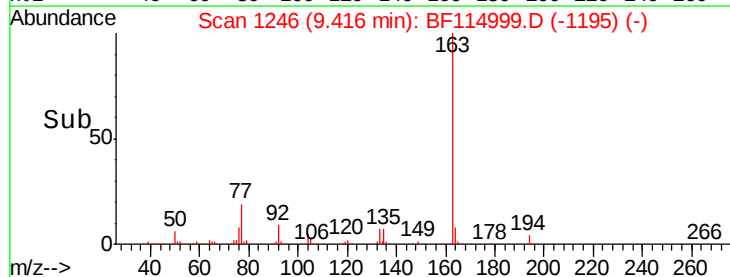
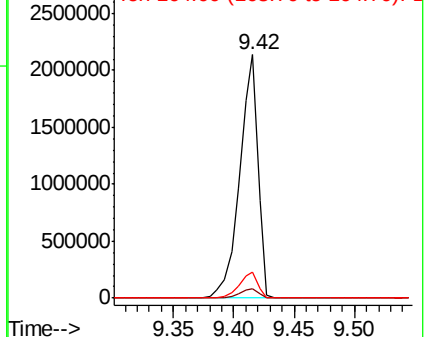
163 100

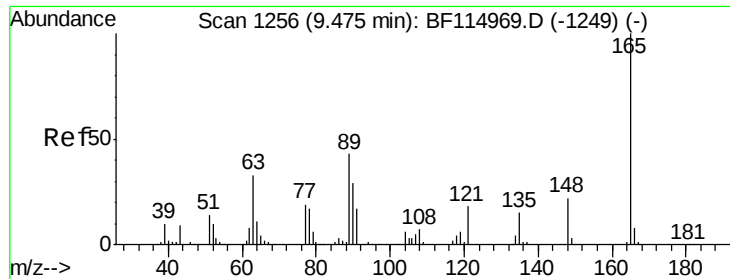
194 4.1 3.3 4.9

164 10.8 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.424 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

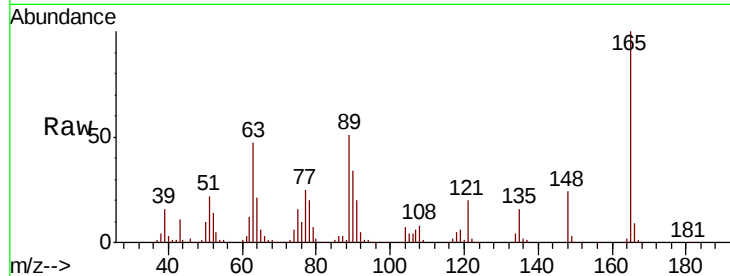
Tot Ion:165 Resp: 343480

Ion Ratio Lower Upper

165 100

63 46.8 30.6 46.0#

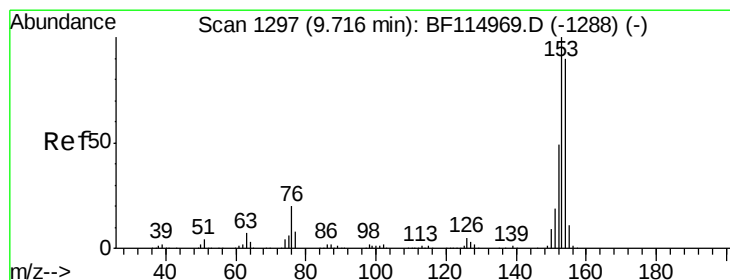
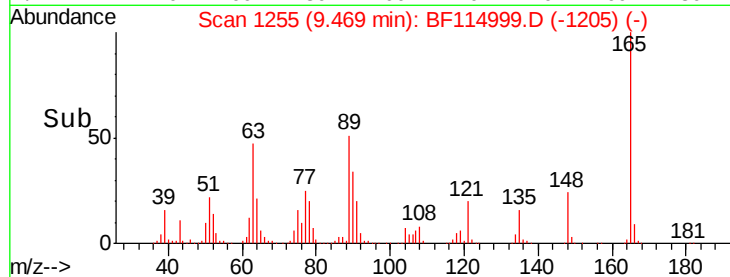
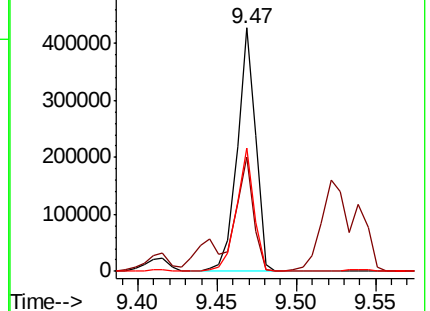
89 50.6 34.4 51.6



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: 41.862 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

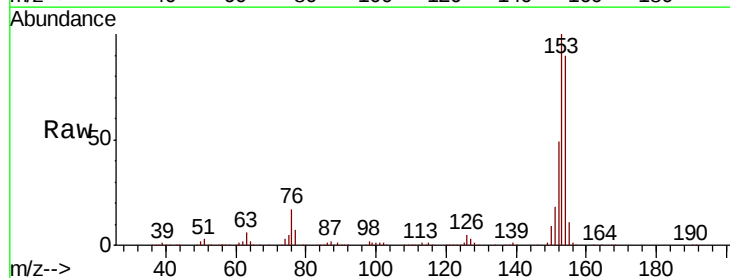
Tgt Ion:154 Resp: 1106445

Ion Ratio Lower Upper

154 100

153 111.6 88.5 132.7

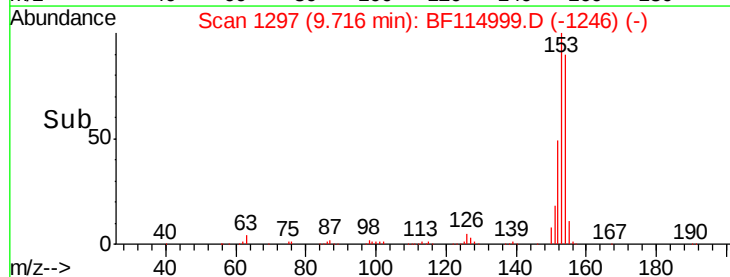
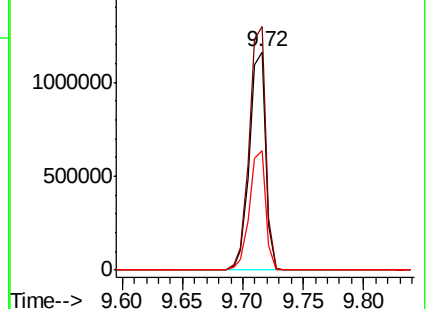
152 54.6 43.6 65.4

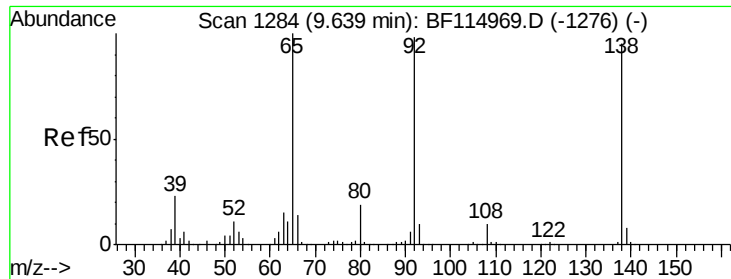


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

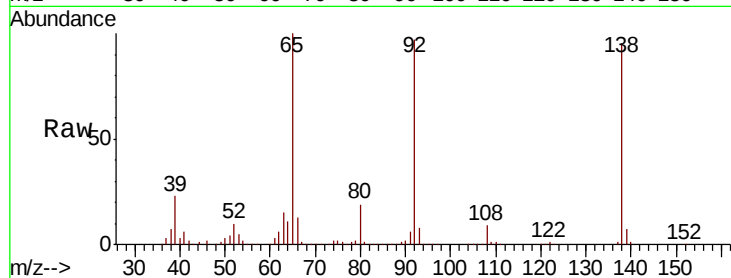




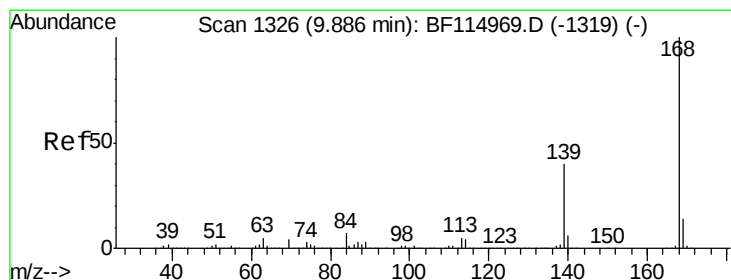
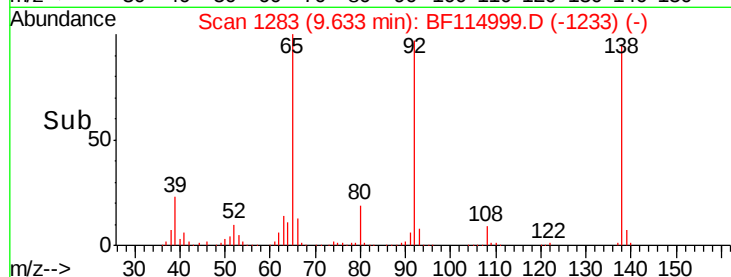
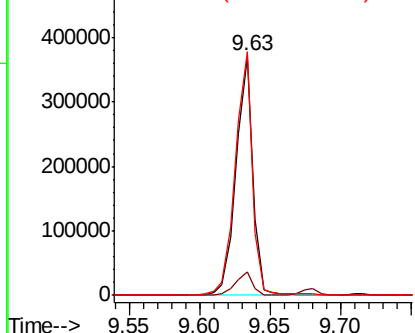
#53
3-Nitroaniline
Concen: 31.725 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

Tot Ion:138 Resp: 307462
Ion Ratio Lower Upper
138 100
108 9.9 8.0 12.0
92 102.1 82.4 123.6

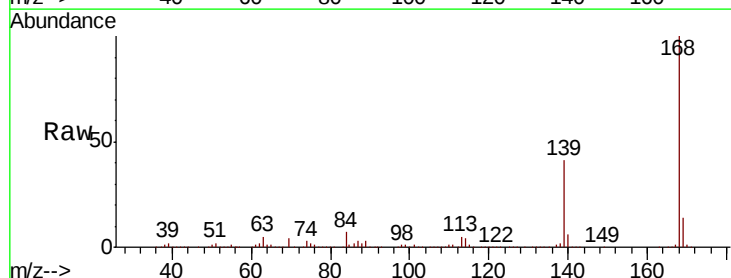


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

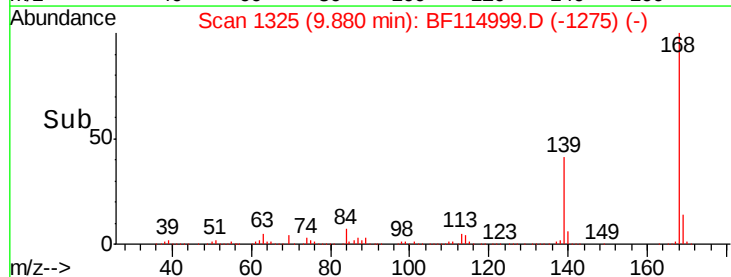
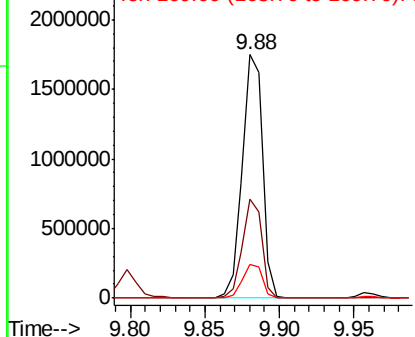


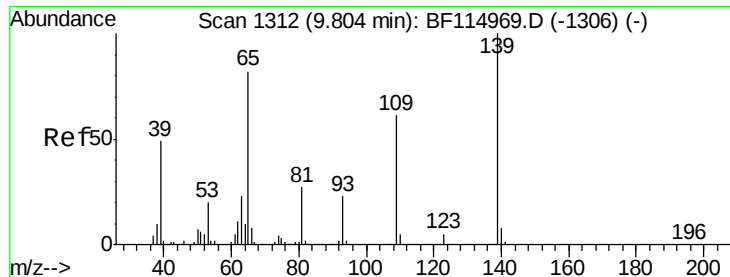
#55
Dibenzofuran
Concen: 41.526 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion:168 Resp: 1654186
Ion Ratio Lower Upper
168 100
139 40.7 32.5 48.7
169 14.1 11.5 17.3



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

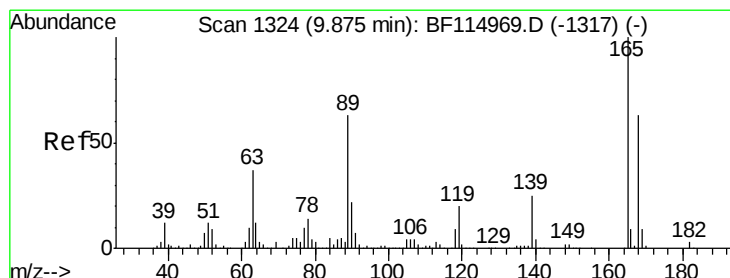
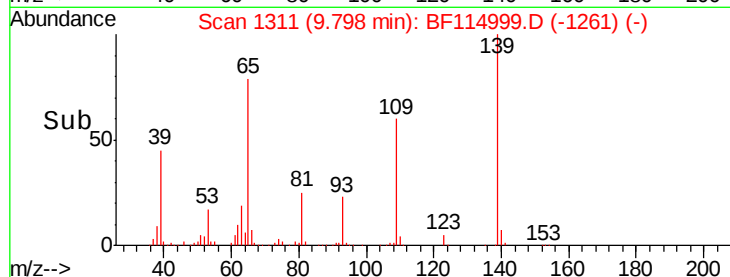
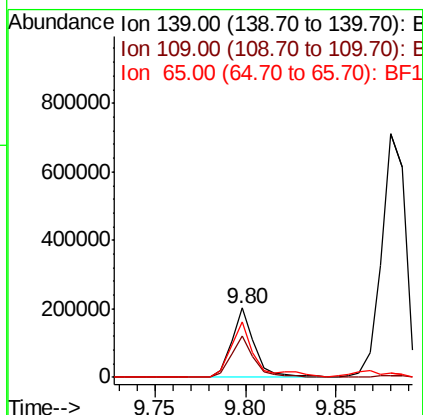
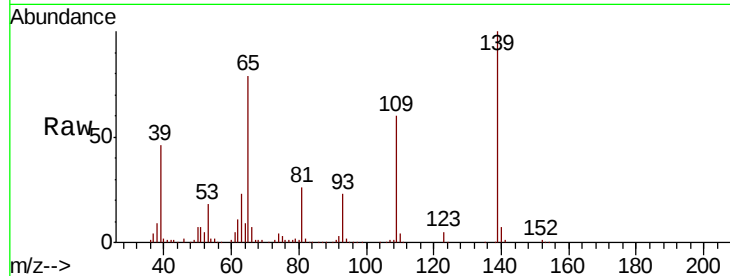




#56
4-Nitrophenol
Concen: 26.754 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

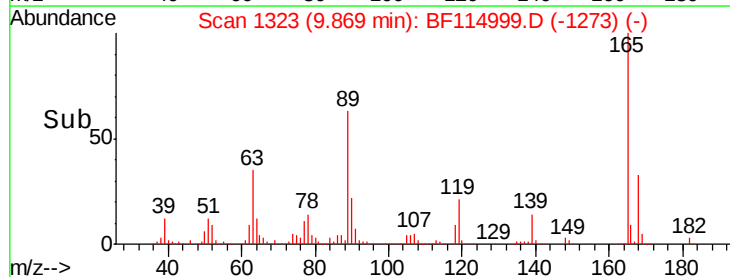
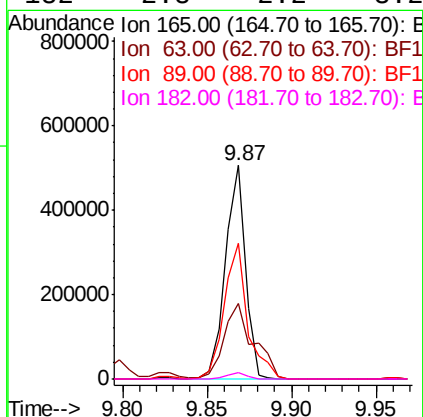
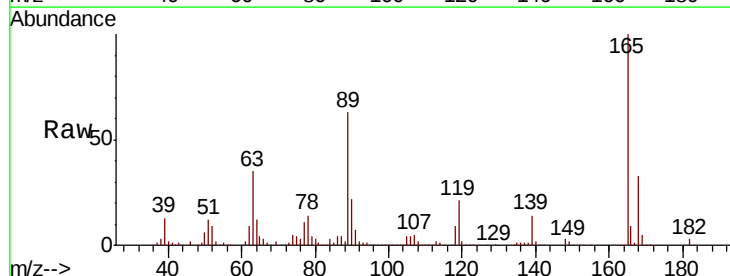
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

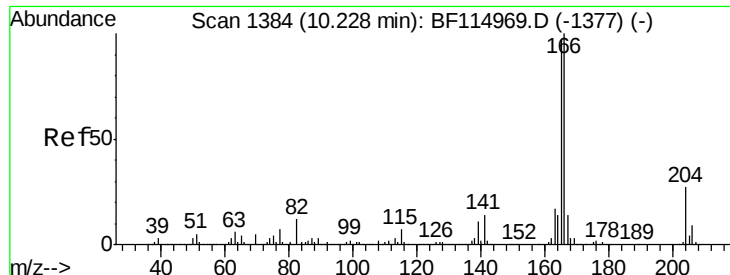
Tot Ion:139 Resp: 178803
Ion Ratio Lower Upper
139 100
109 60.0 41.4 81.4
65 79.0 62.7 102.7



#57
2,4-Dinitrotoluene
Concen: 41.507 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion:165 Resp: 417887
Ion Ratio Lower Upper
165 100
63 35.3 29.4 44.2
89 63.3 50.6 75.8
182 2.8 2.2 3.2





#58

Fluorene

Concen: 42.600 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

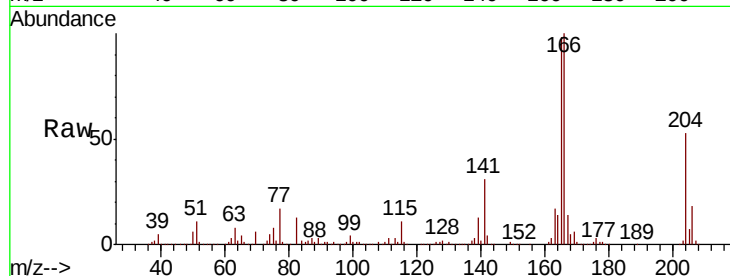
Tot Ion:166 Resp: 1143967

Ion Ratio Lower Upper

166 100

165 97.5 77.6 116.4

167 14.1 11.0 16.4

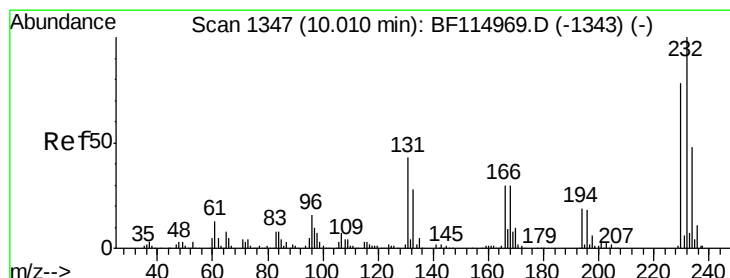
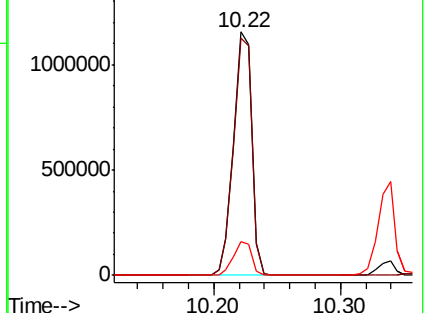
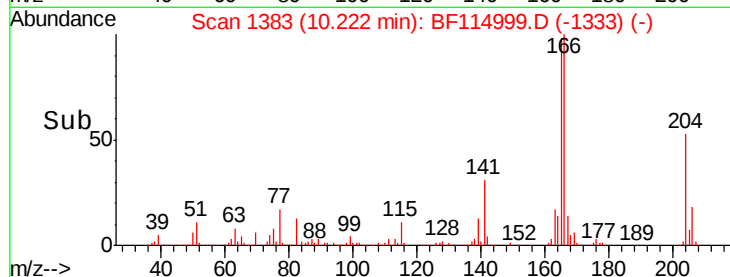


Abundance

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: 22.401 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Tgt Ion:232 Resp: 187104

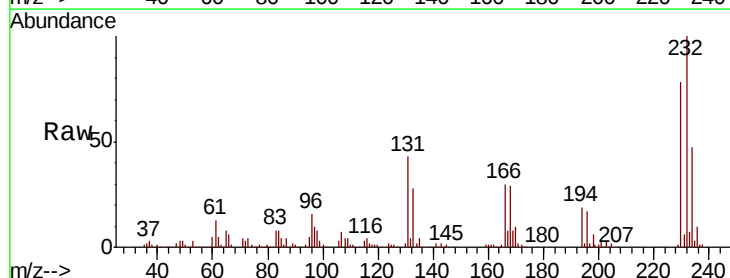
Ion Ratio Lower Upper

232 100

131 45.7 36.9 55.3

130 2.2 1.8 2.6

166 30.8 24.8 37.2



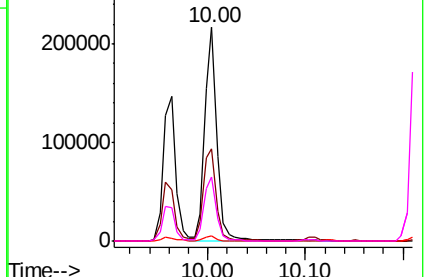
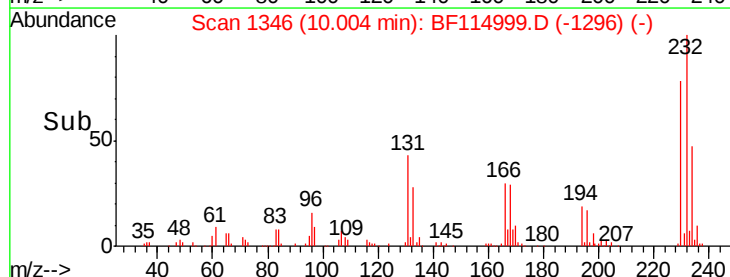
Abundance

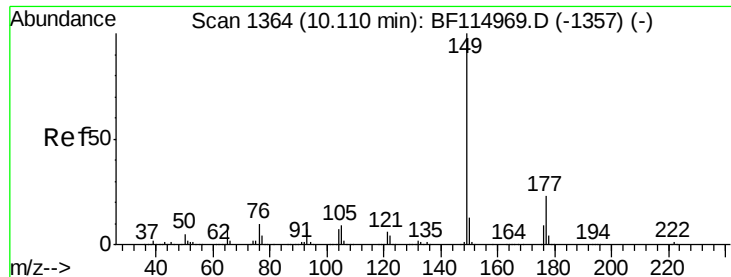
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

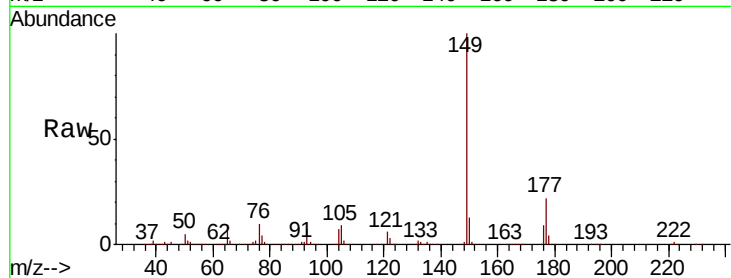




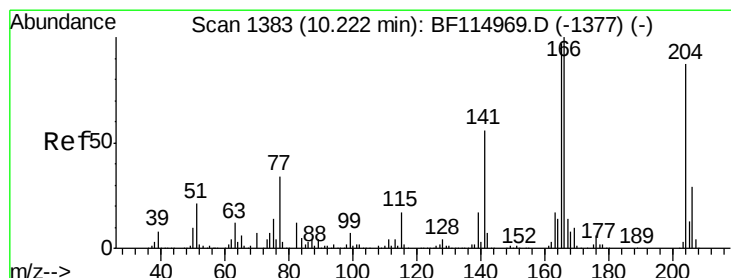
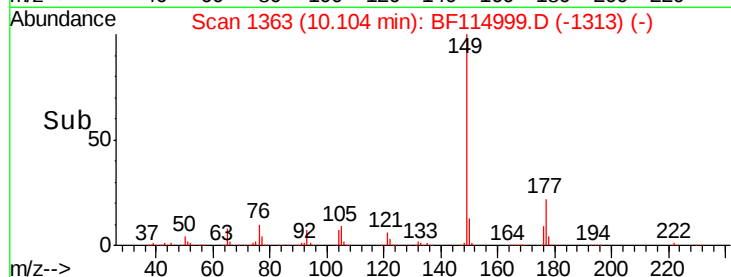
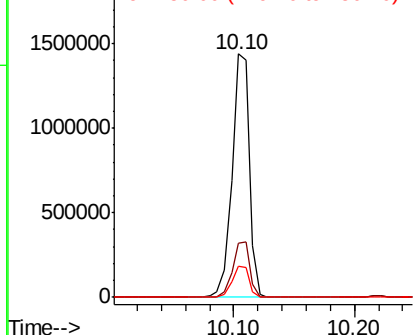
#60
Diethylphthalate
Concen: 43.137 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

Tot Ion:149 Resp: 1438278
Ion Ratio Lower Upper
149 100
177 22.4 18.6 27.8
150 13.0 10.5 15.7

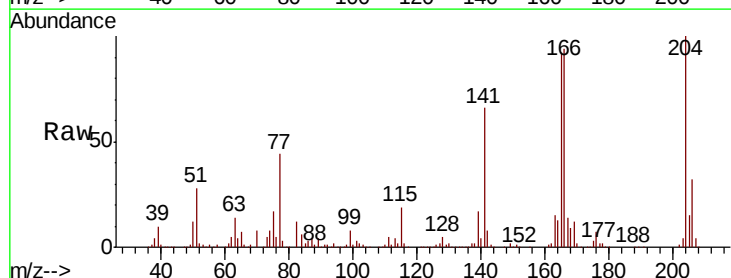


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

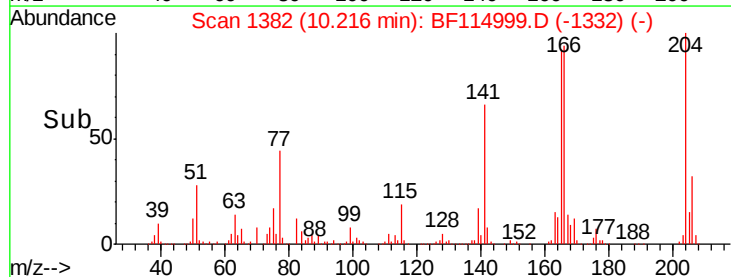
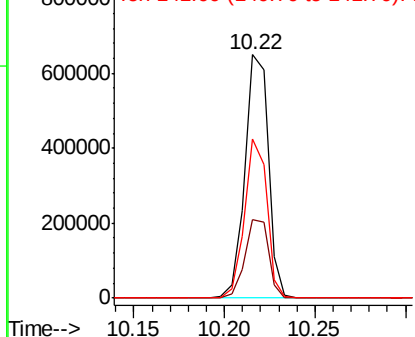


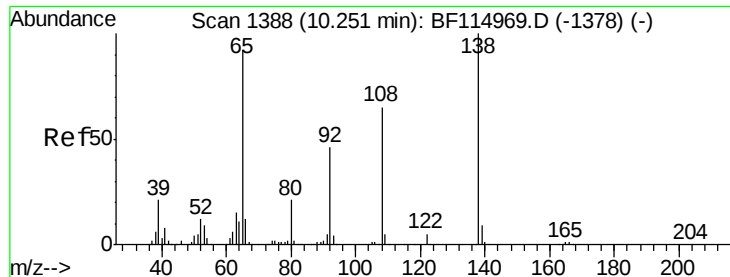
#61
4-Chlorophenyl-phenylether
Concen: 44.067 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion:204 Resp: 581983
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 65.5 51.8 77.8



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

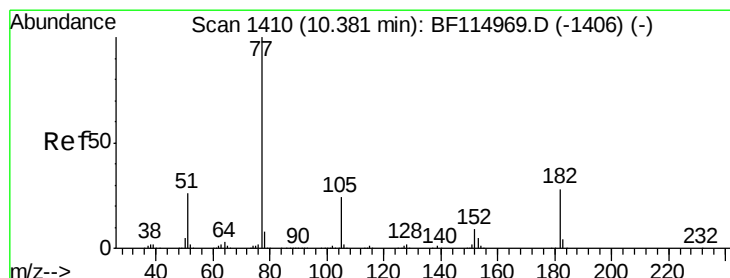
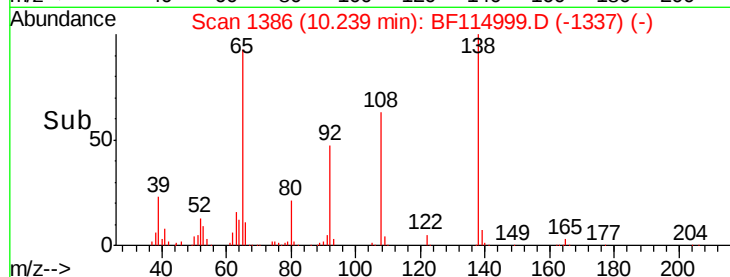
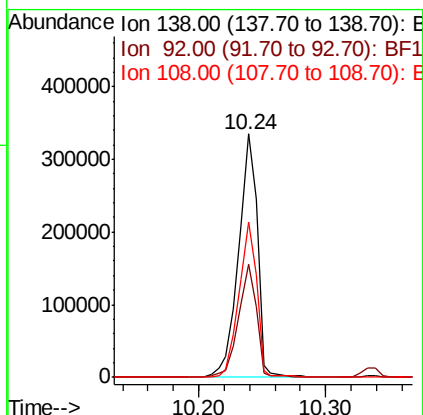
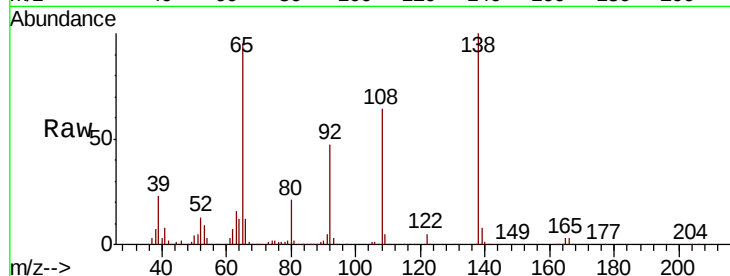




#62
4-Nitroaniline
Concen: 34.965 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

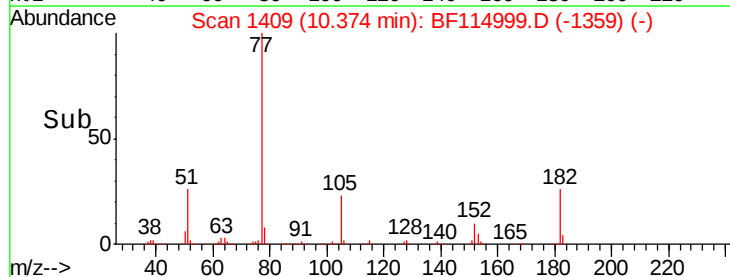
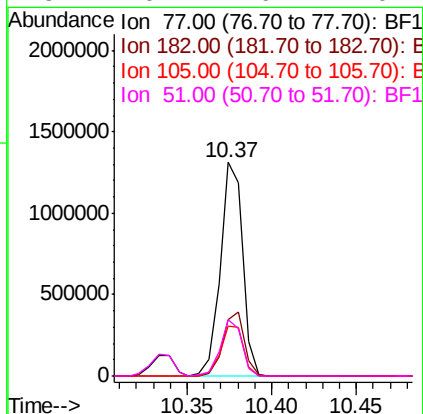
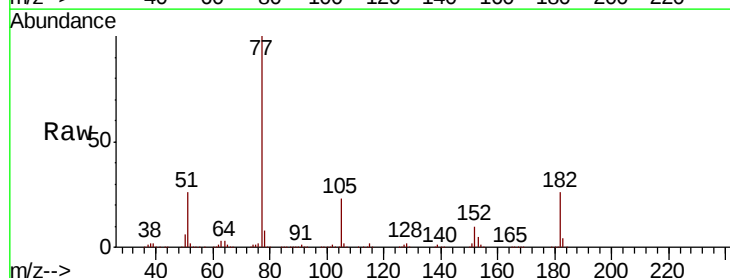
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

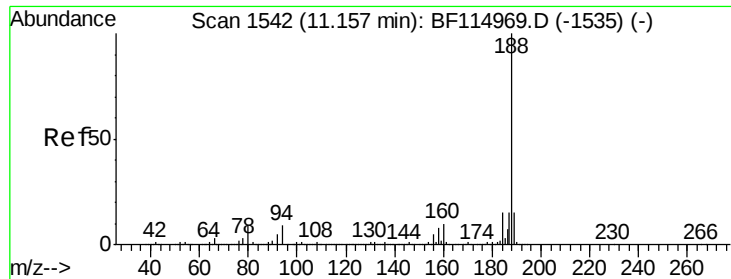
Tot Ion:138 Resp: 340707
Ion Ratio Lower Upper
138 100
92 46.6 25.7 65.7
108 63.8 44.6 84.6



#63
Azobenzene
Concen: 41.256 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion: 77 Resp: 1203410
Ion Ratio Lower Upper
77 100
182 26.4 7.4 47.4
105 23.3 4.2 44.2
51 26.2 6.2 46.2

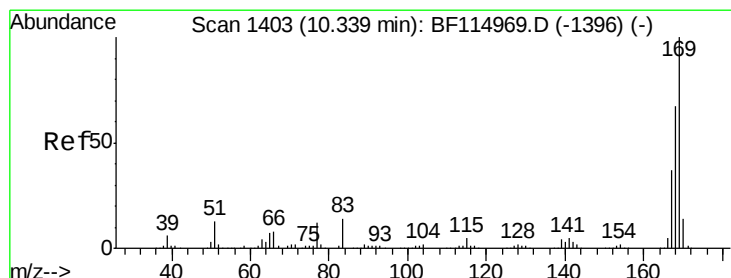
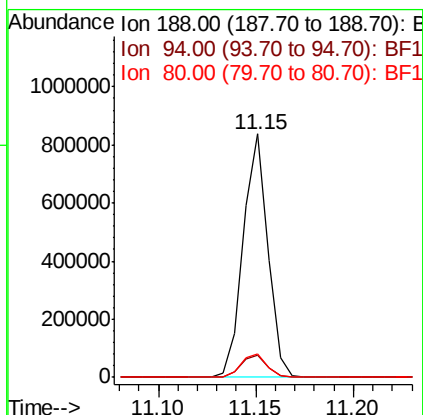
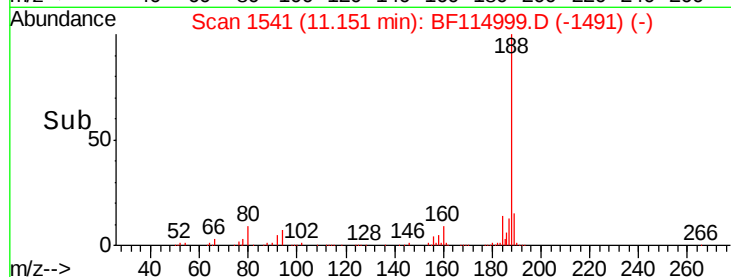
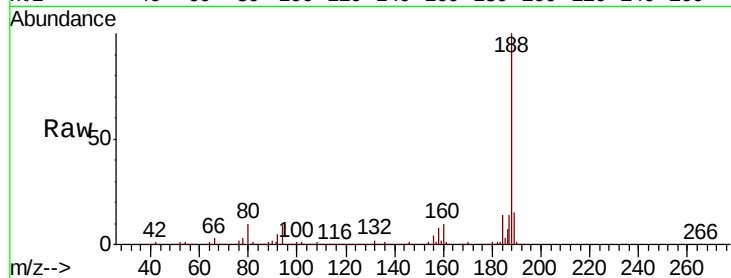




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

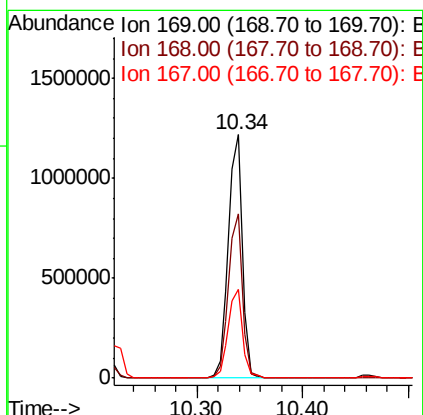
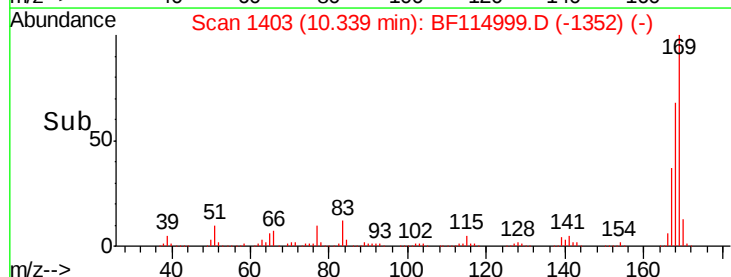
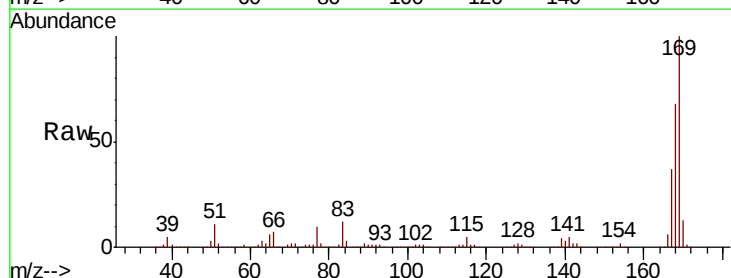
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

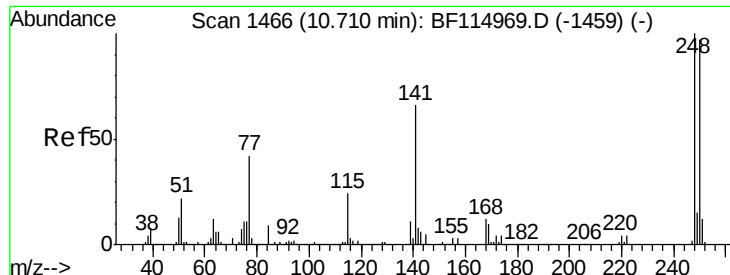
Tot Ion:188 Resp: 734894
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.6 7.4 11.2



#66
n-Nitrosodiphenylamine
Concen: 50.899 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion:169 Resp: 1118119
Ion Ratio Lower Upper
169 100
168 67.7 53.6 80.4
167 36.7 29.6 44.4

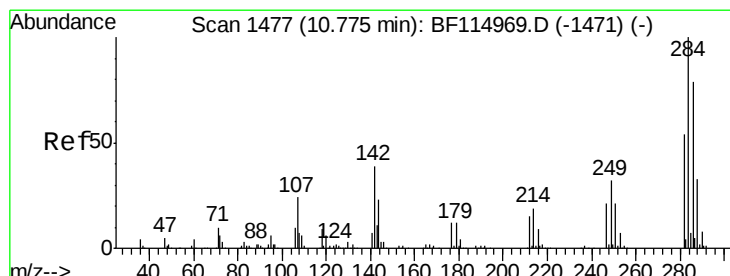
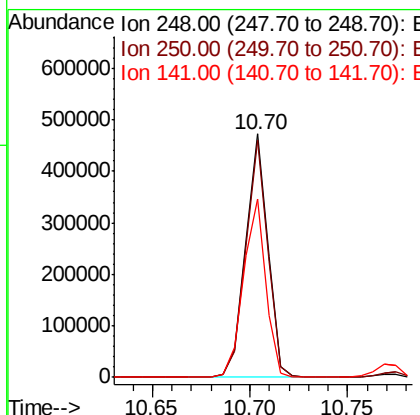
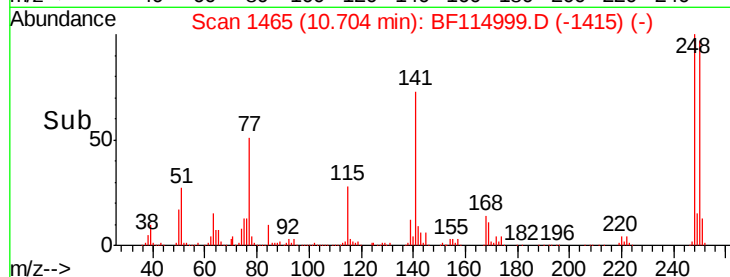
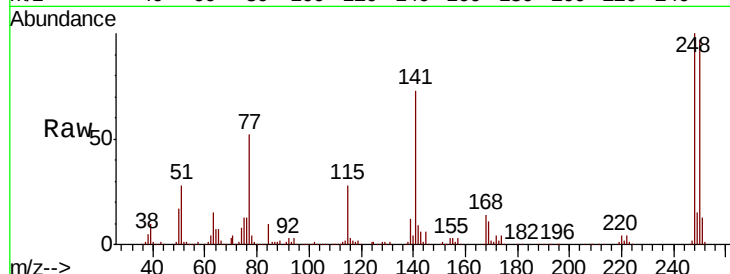




#67
4-Bromophenyl-phenylether
Concen: 47.400 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

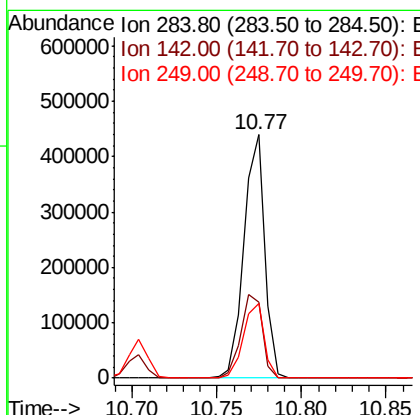
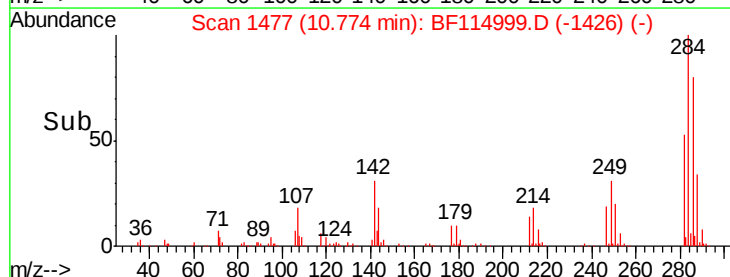
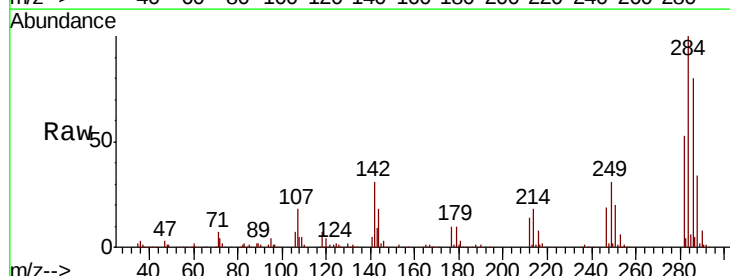
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

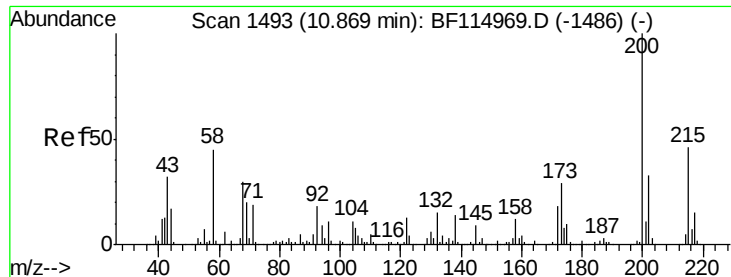
Tot Ion:248 Resp: 374012
Ion Ratio Lower Upper
248 100
250 97.4 77.8 116.8
141 73.3 53.1 79.7



#68
Hexachlorobenzene
Concen: 43.454 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion:284 Resp: 377488
Ion Ratio Lower Upper
284 100
142 31.1 31.5 47.3#
249 30.9 25.6 38.4

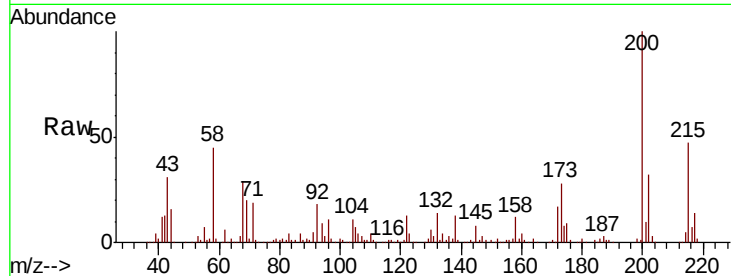




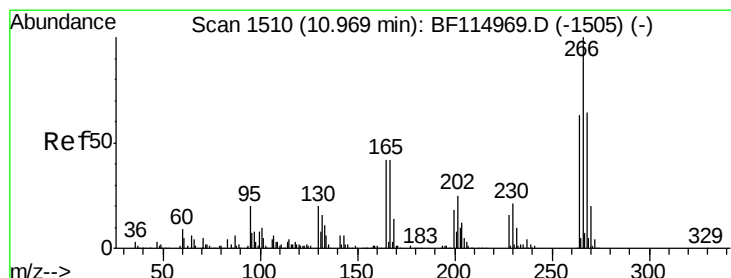
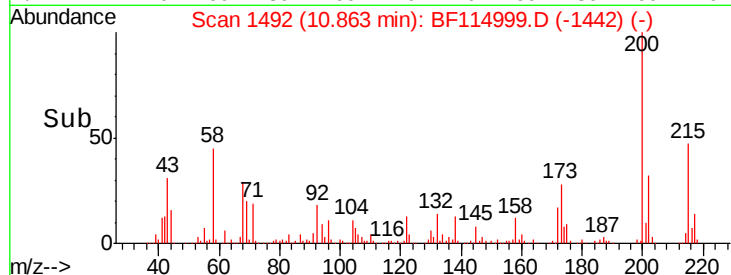
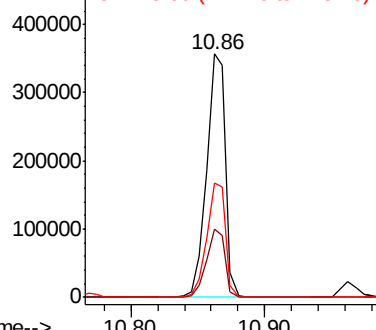
#69
 Atrazine
 Concen: 49.668 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 S1(5-10)MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	9.0	49.0
215	46.8	26.5	66.5

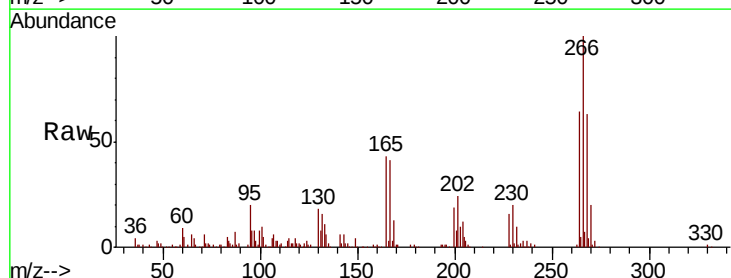


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

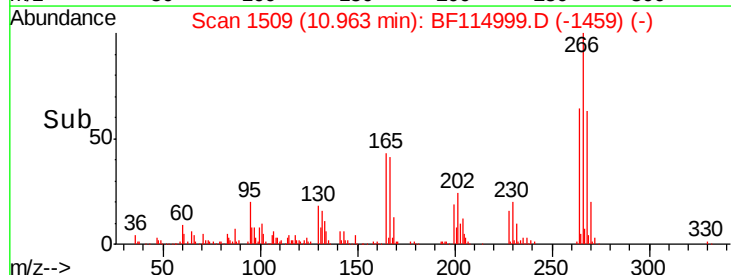
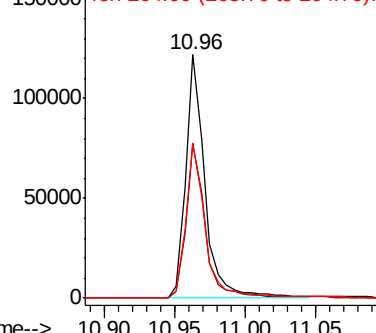


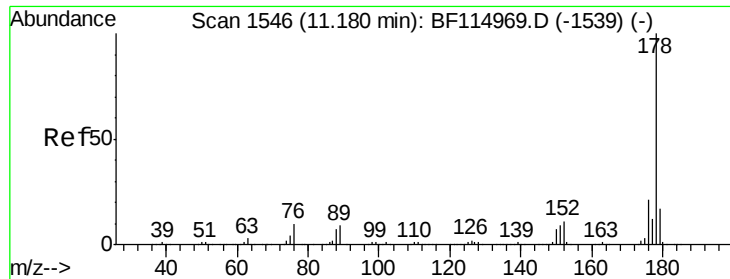
#70
 Pentachlorophenol
 Concen: 24.569 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BF114999.D
 Acq: 13 Jun 2019 13:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.4	77.2
264	63.7	50.3	75.5



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

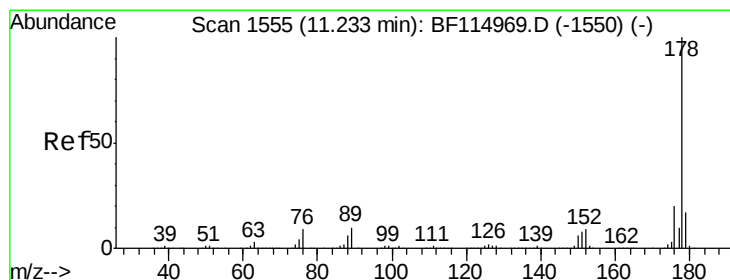
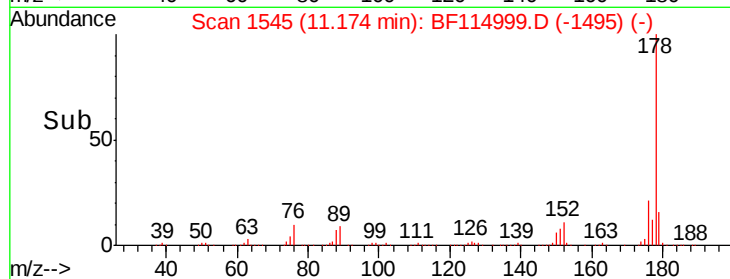
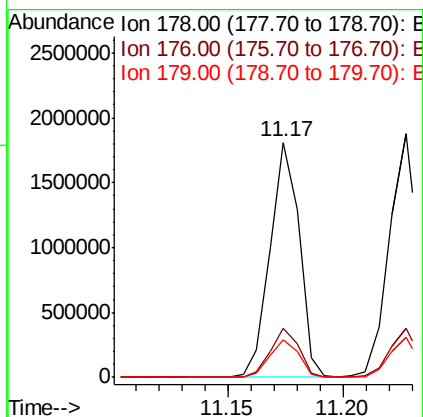
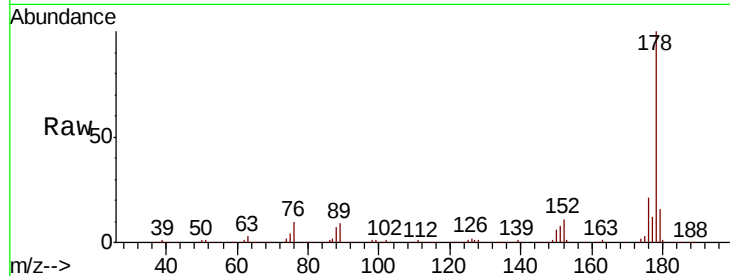




#71
Phenanthrene
Concen: 42.017 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

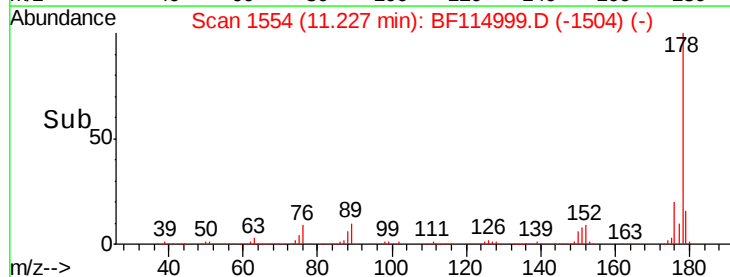
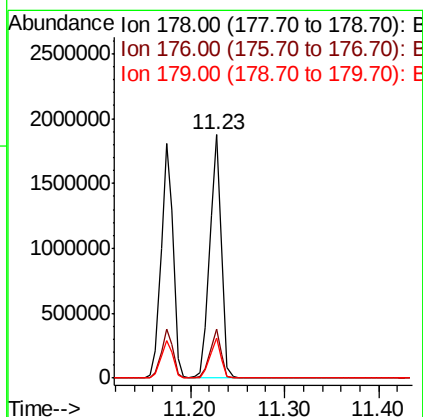
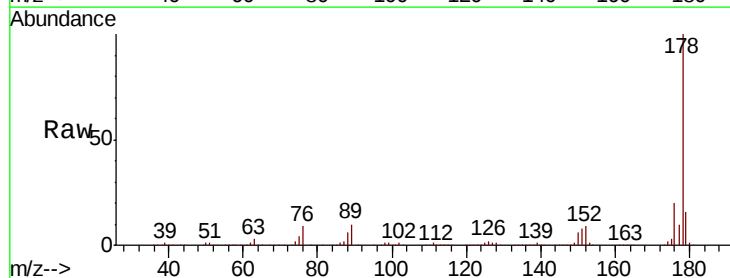
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

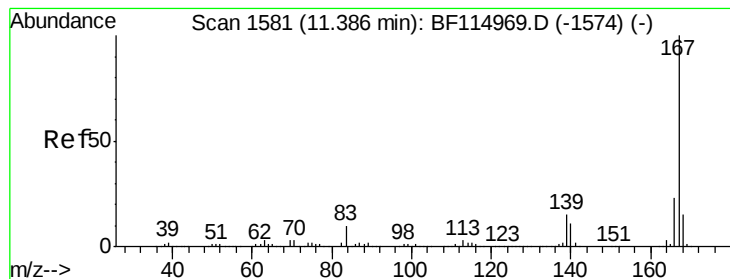
Tot Ion:178 Resp: 1594294
Ion Ratio Lower Upper
178 100
176 20.7 16.9 25.3
179 16.2 13.4 20.0



#72
Anthracene
Concen: 43.045 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion:178 Resp: 1647708
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 16.3 13.2 19.8





#73

Carbazole

Concen: 42.174 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

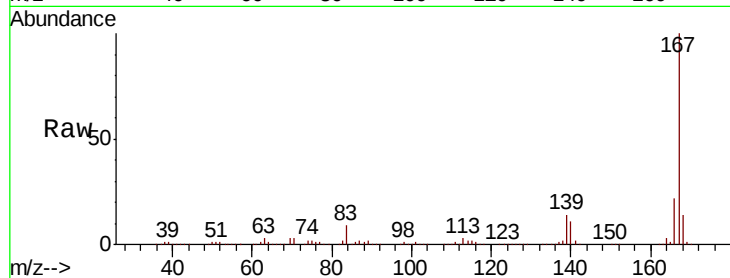
Tot Ion:167 Resp: 1409080

Ion Ratio Lower Upper

167 100

166 22.4 18.5 27.7

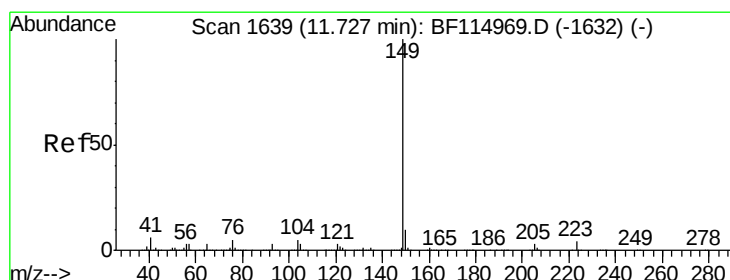
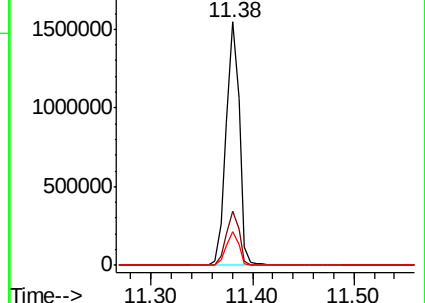
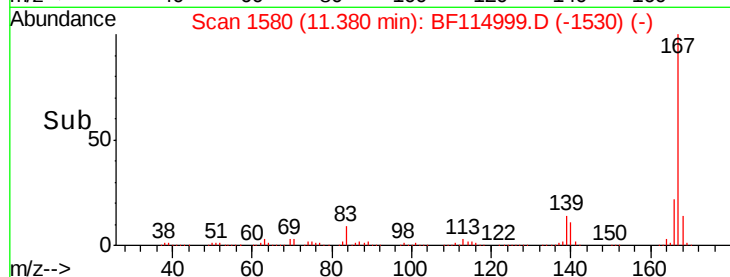
139 14.1 12.0 18.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.727 ng

RT: 11.72 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

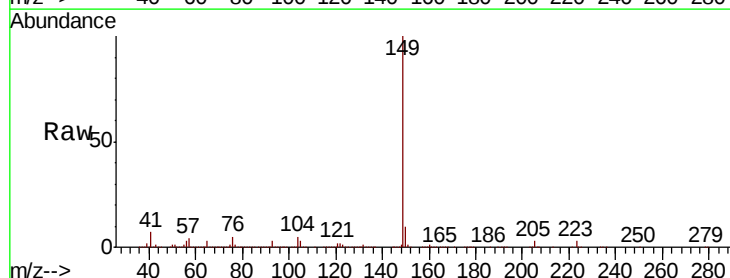
Tgt Ion:149 Resp: 1841824

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

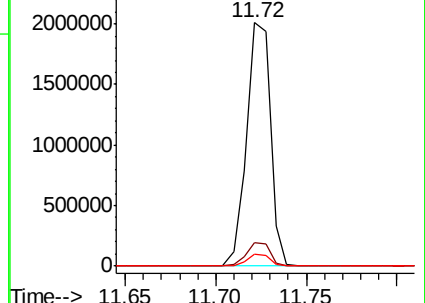
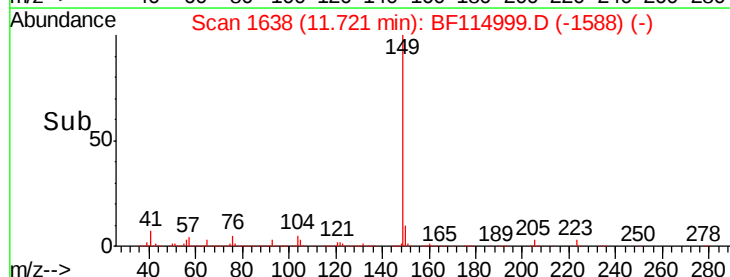
104 4.9 4.0 6.0

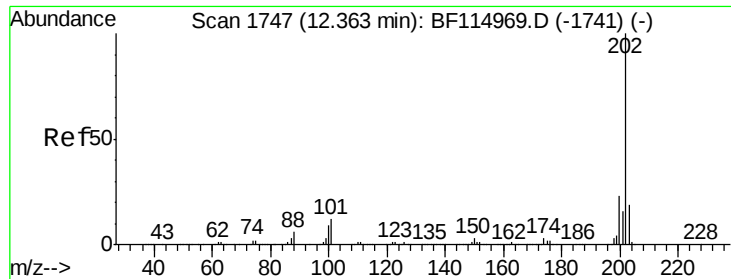


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.164 ng

RT: 12.36 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

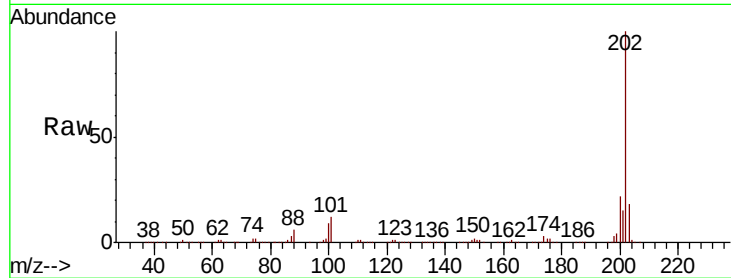
Tot Ion:202 Resp: 1403128

Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.4

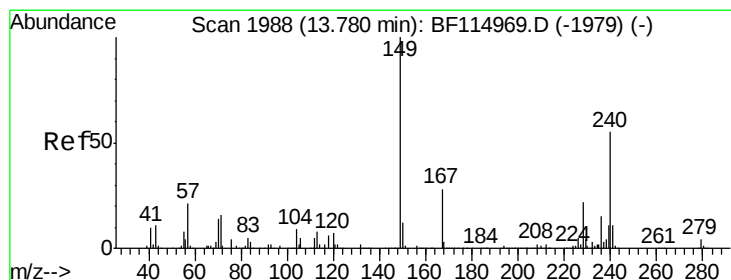
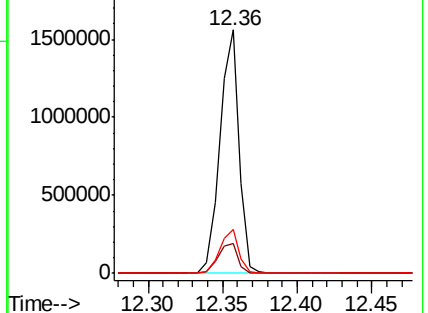
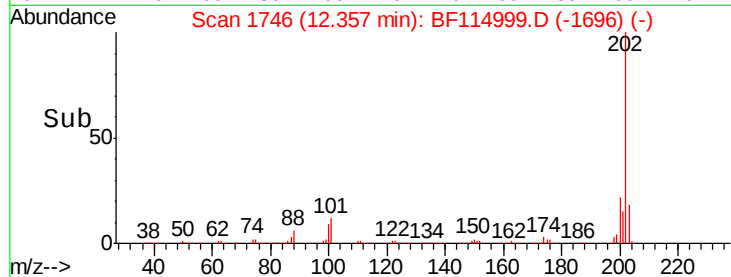
203 18.2 0.0 38.6



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: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

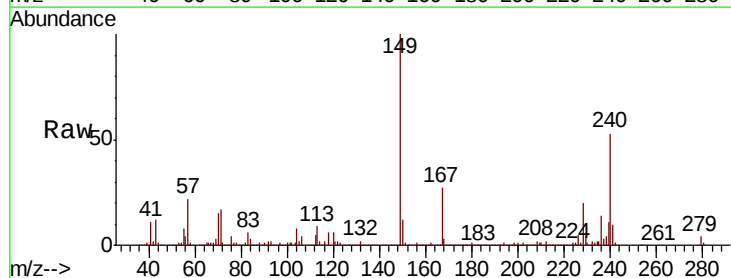
Tgt Ion:240 Resp: 428287

Ion Ratio Lower Upper

240 100

120 12.0 10.0 15.0

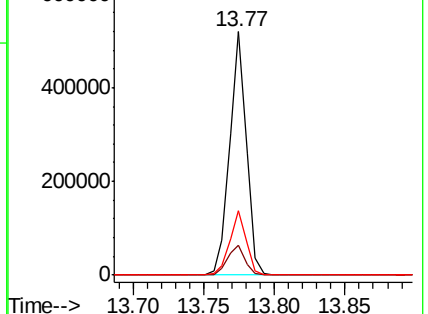
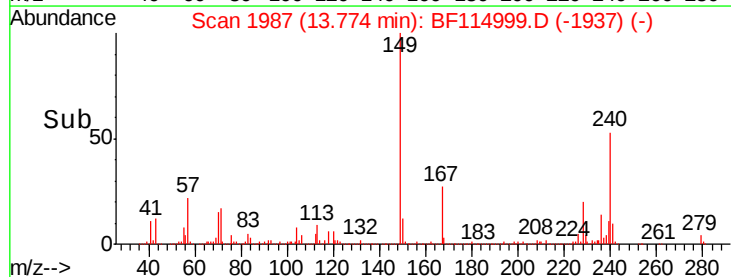
236 26.2 21.6 32.4

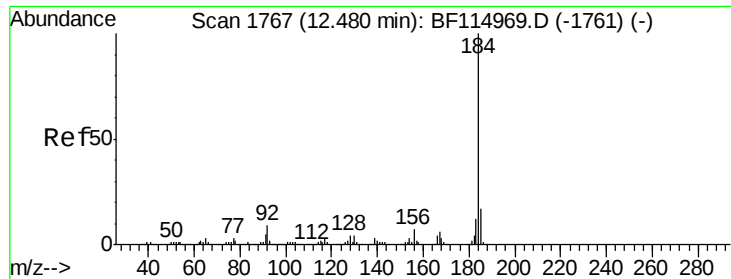


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.985 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

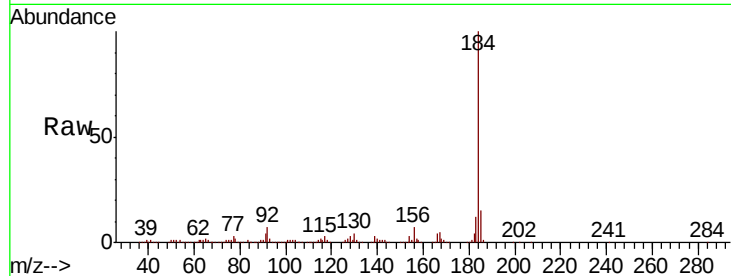
Tot Ion:184 Resp: 727316

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

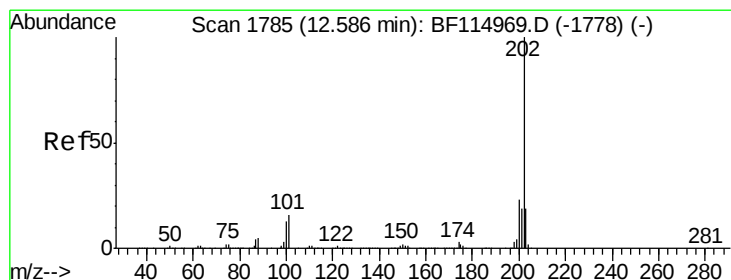
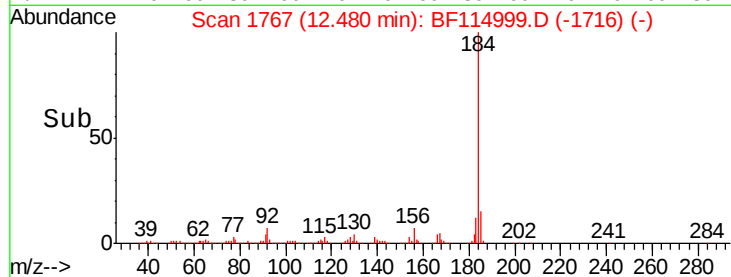
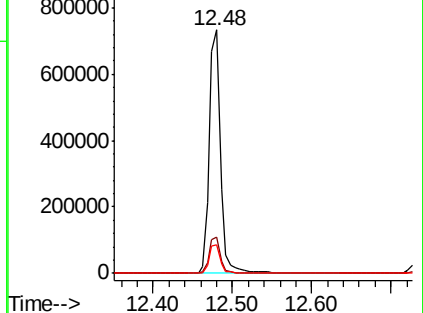
183 11.6 9.8 14.6



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: 36.200 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

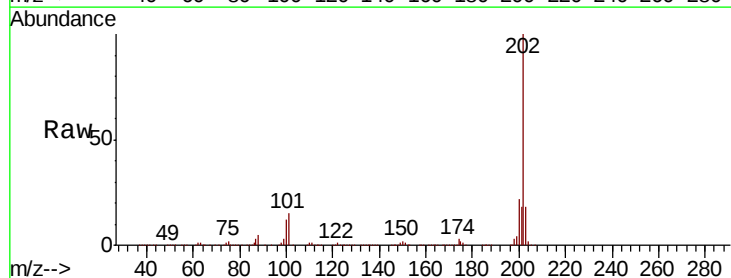
Tgt Ion:202 Resp: 1412397

Ion Ratio Lower Upper

202 100

200 22.1 18.4 27.6

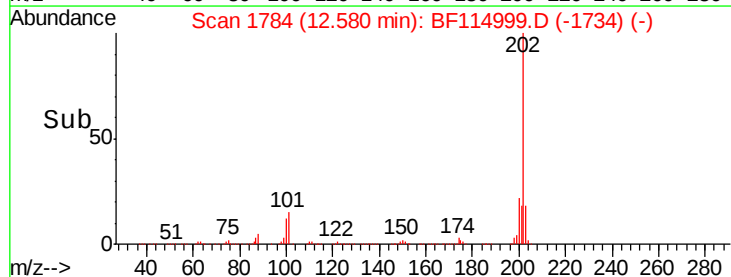
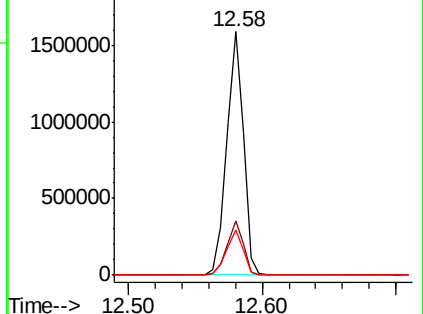
203 18.3 14.9 22.3

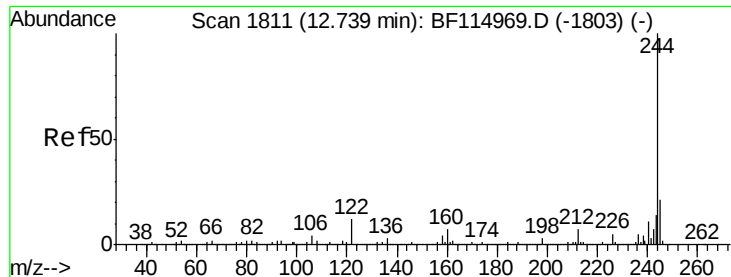


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.354 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

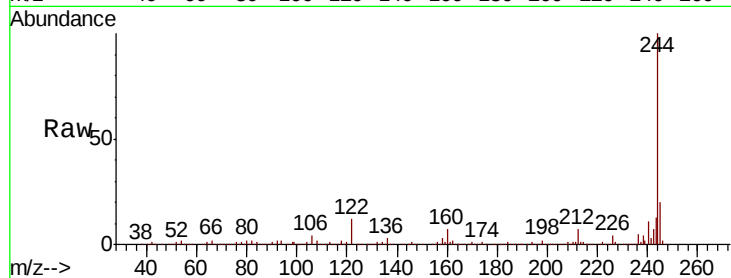
Tot Ion:244 Resp: 1943559

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

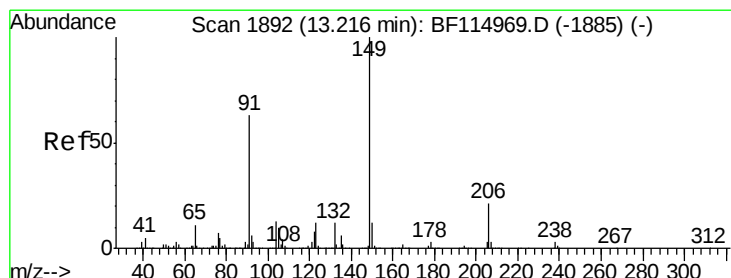
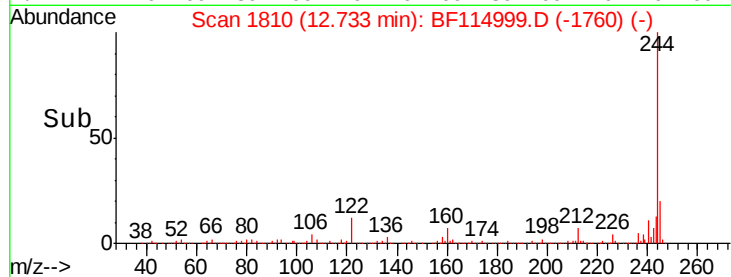
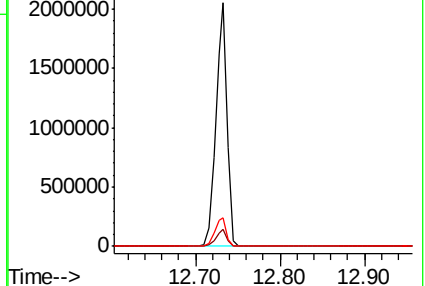
122 11.8 9.4 14.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.726 ng

RT: 13.21 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

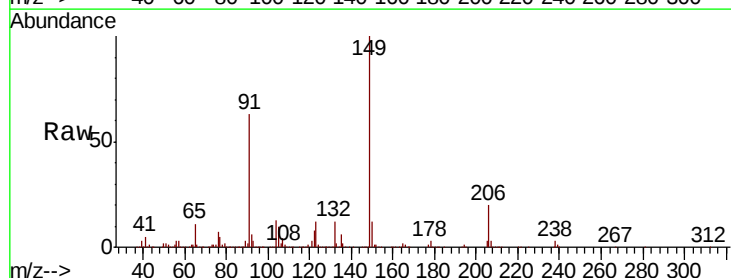
Tgt Ion:149 Resp: 651063

Ion Ratio Lower Upper

149 100

91 63.5 50.6 76.0

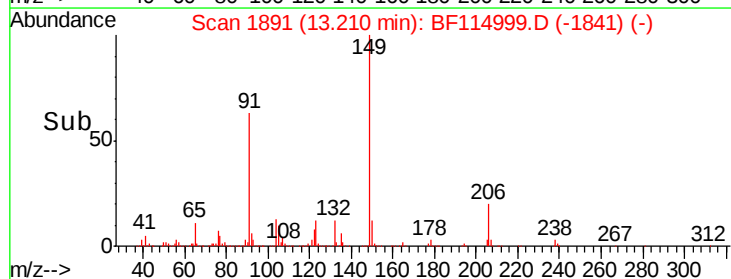
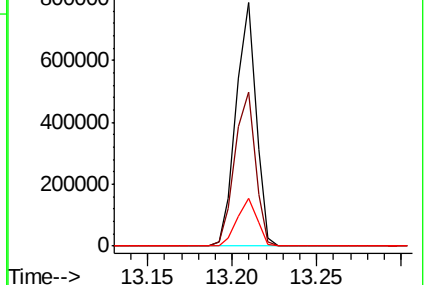
206 19.6 16.7 25.1

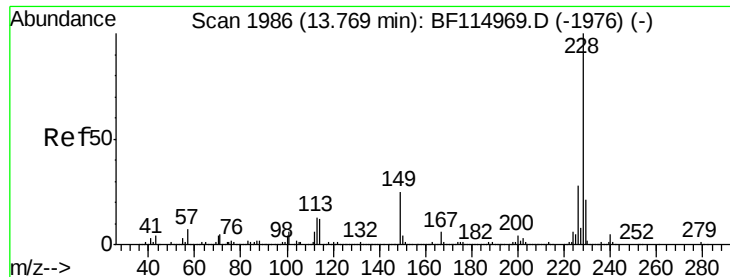


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.053 ng

RT: 13.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

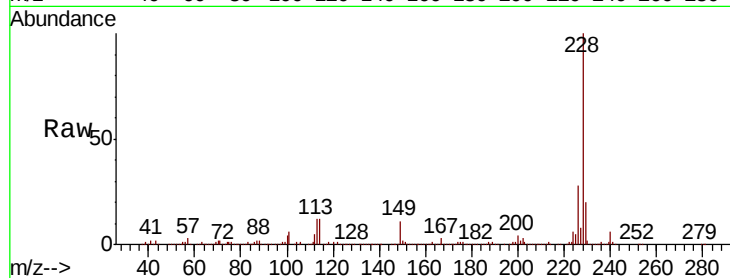
BNA_F

ClientSampleId :

S1(5-10)MSD

Tot Ion:228 Resp: 1283676

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	20.5	16.6	25.0

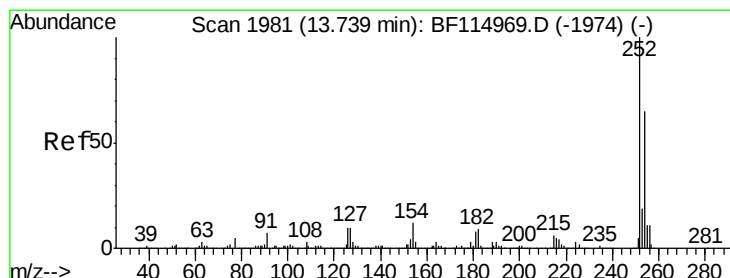
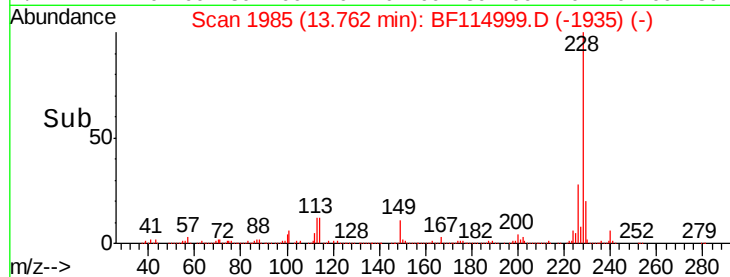
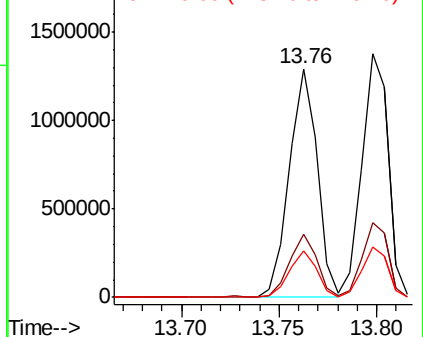


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.412 ng

RT: 13.73 min Scan# 1979

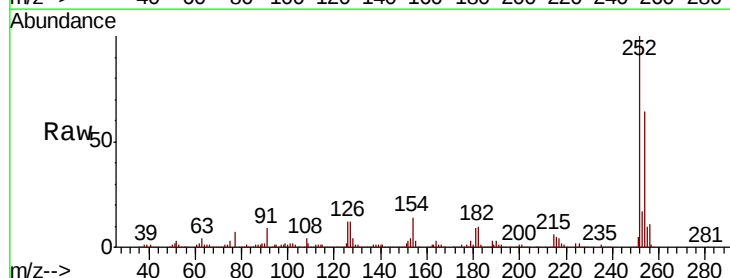
Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Tgt Ion:252 Resp: 447411

Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.2	78.4
126	12.2	8.0	12.0#

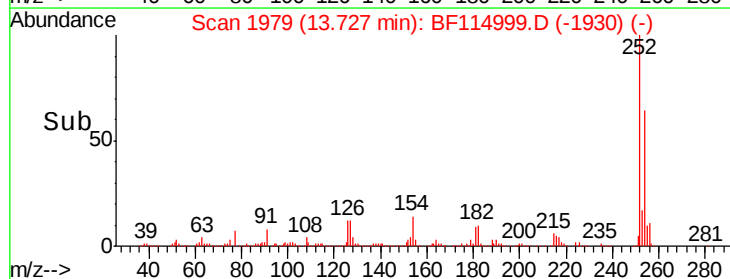
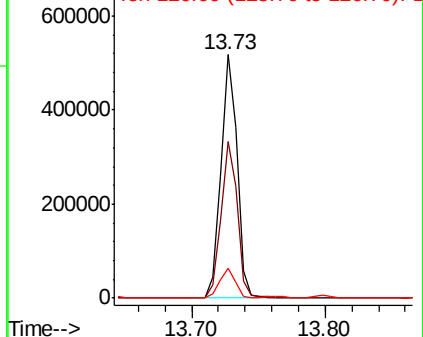


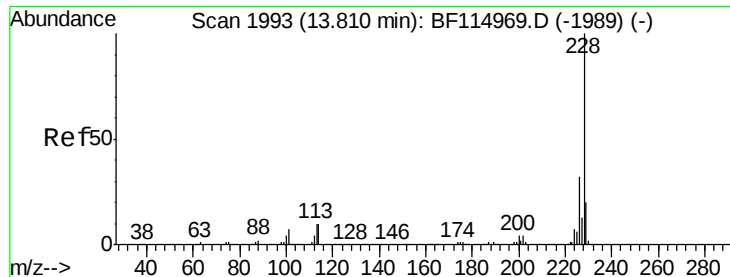
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.488 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

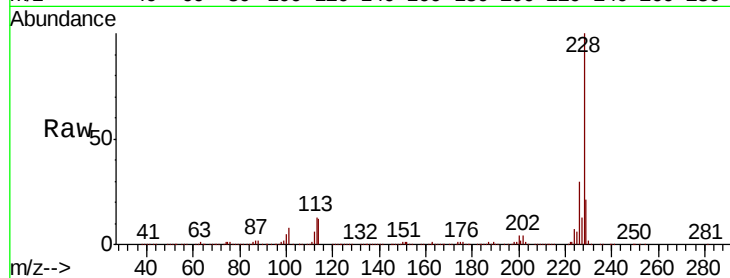
Tot Ion:228 Resp: 1290382

Ion Ratio Lower Upper

228 100

226 30.4 25.4 38.0

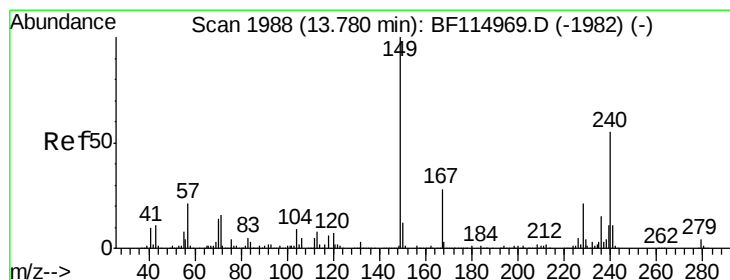
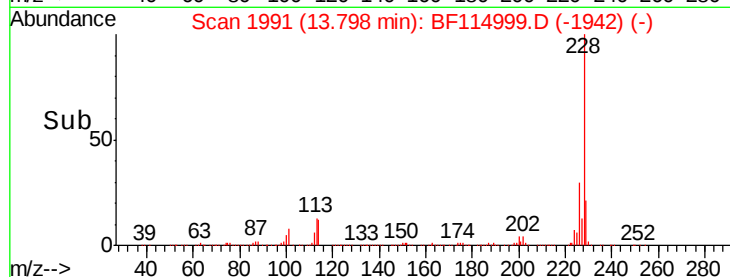
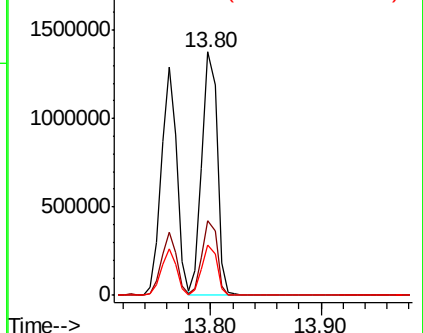
229 20.6 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.465 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

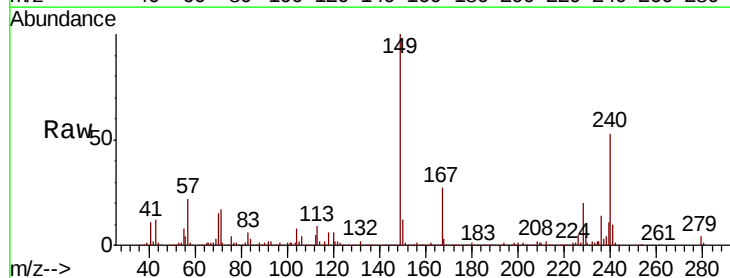
Tgt Ion:149 Resp: 828482

Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.4

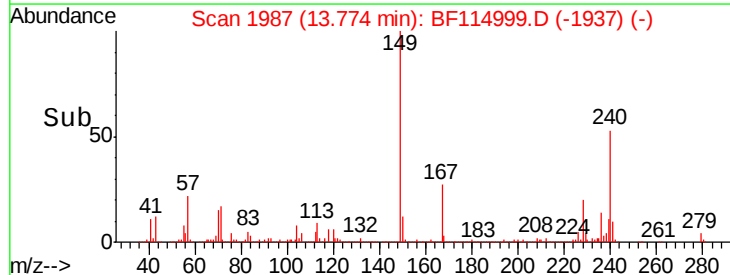
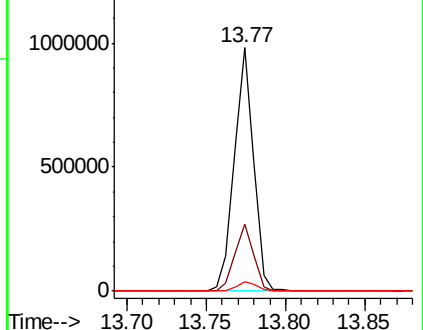
279 3.7 3.4 5.0

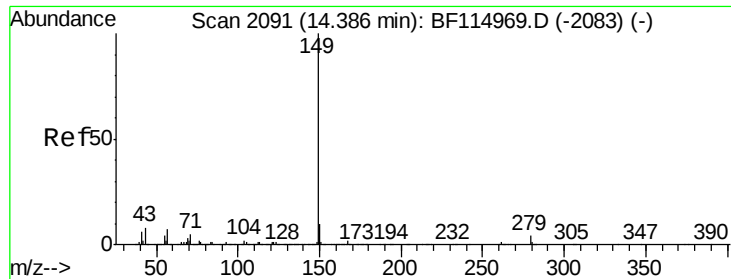


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.926 ng

RT: 14.38 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

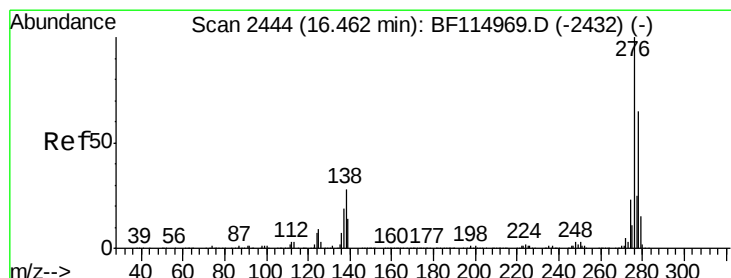
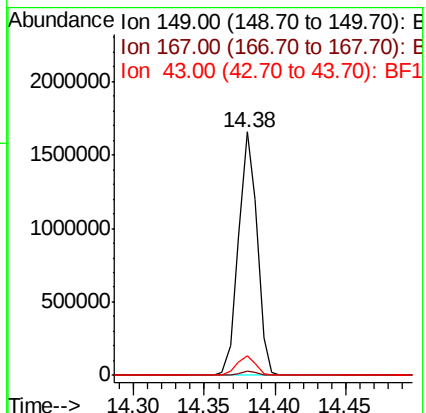
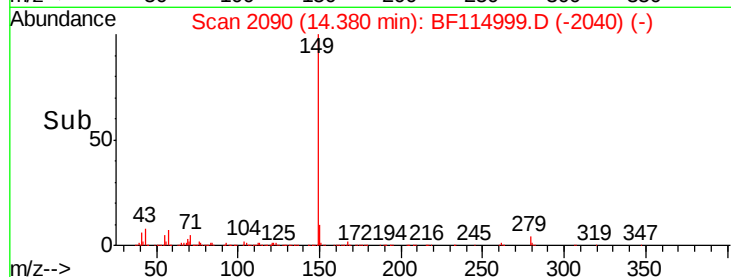
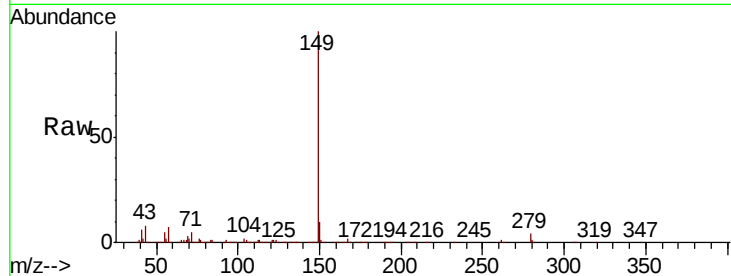
Tot Ion:149 Resp: 1517942

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.9 6.5 9.7



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.423 ng

RT: 16.46 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

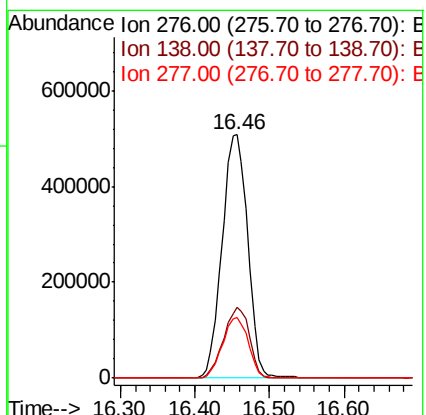
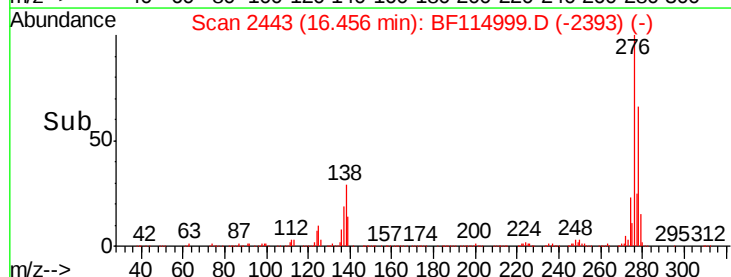
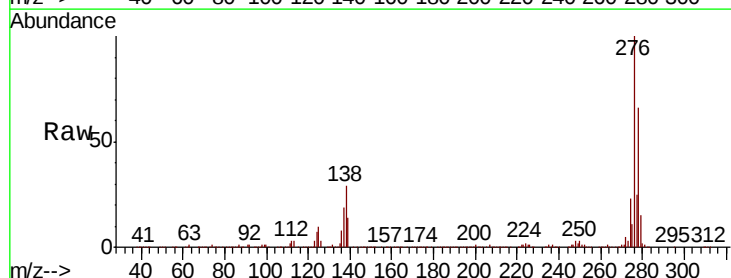
Tgt Ion:276 Resp: 1215633

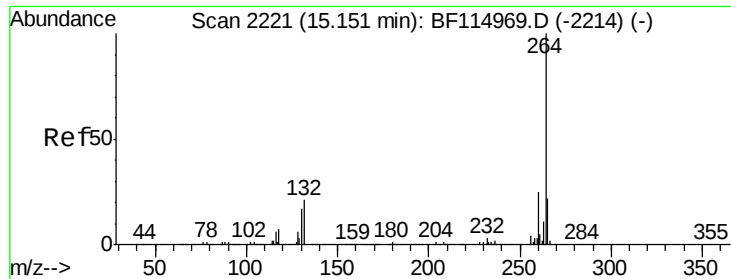
Ion Ratio Lower Upper

276 100

138 29.3 23.0 34.4

277 25.1 20.6 30.8

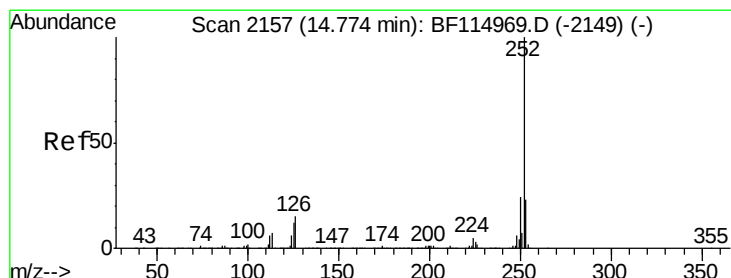
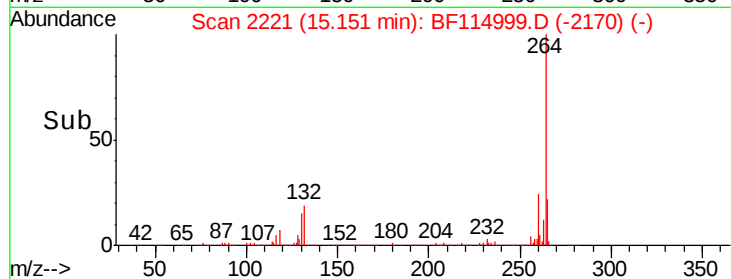
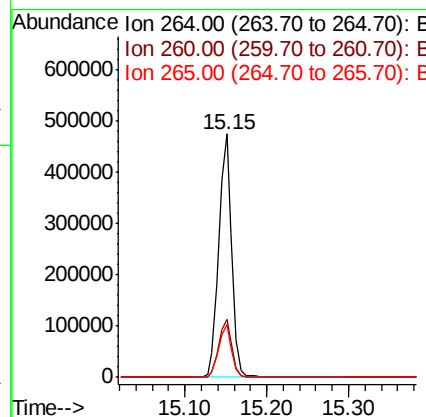
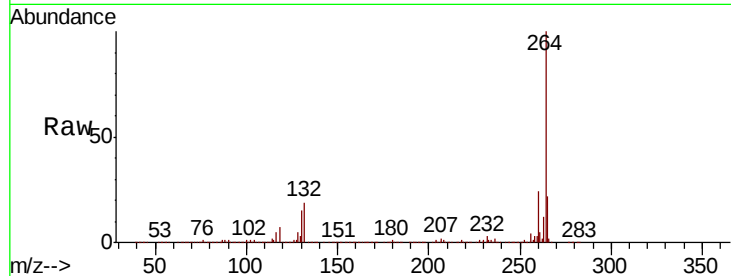




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

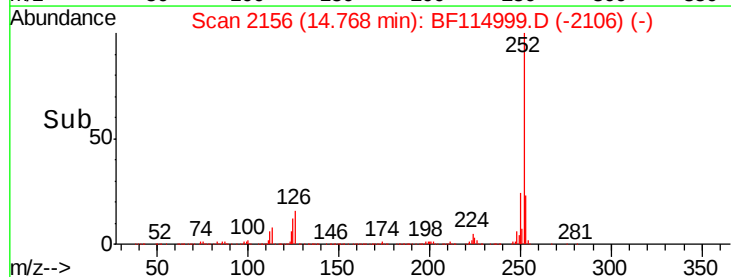
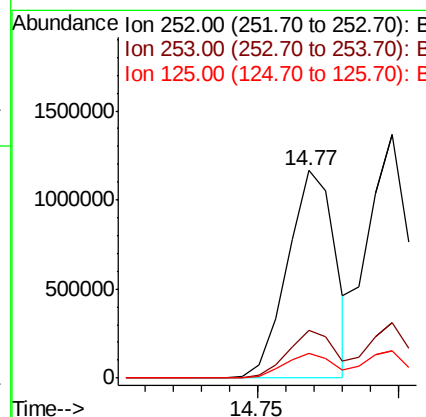
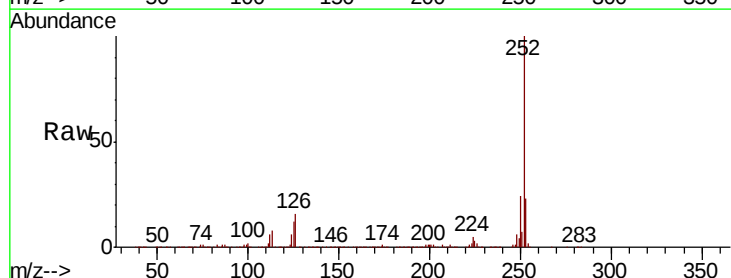
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

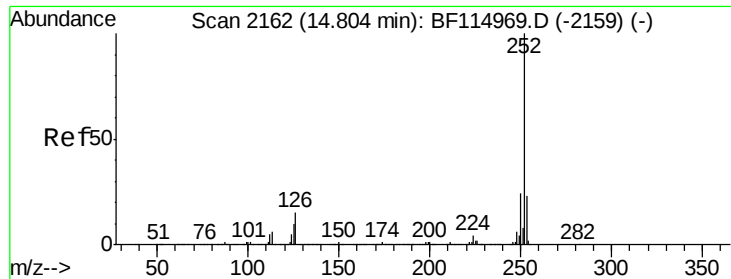
Tot Ion:264 Resp: 523922
Ion Ratio Lower Upper
264 100
260 23.8 19.9 29.9
265 21.9 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 39.266 ng
RT: 14.77 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion:252 Resp: 1367583
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 12.1 9.4 14.0

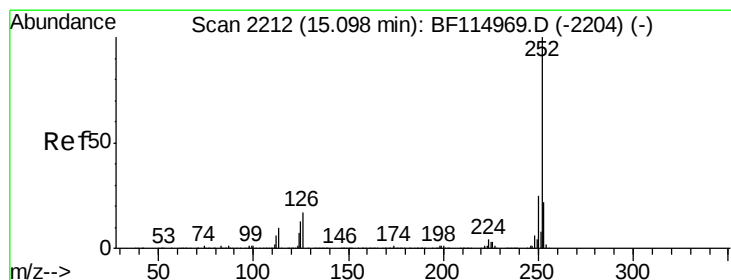
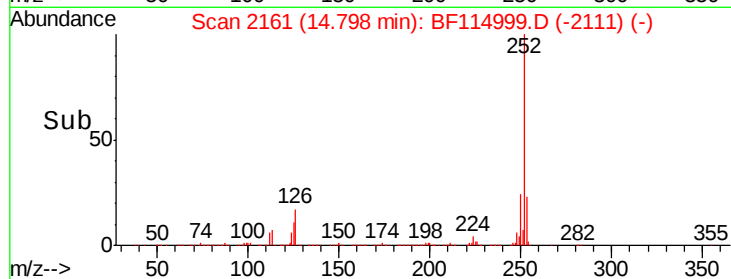
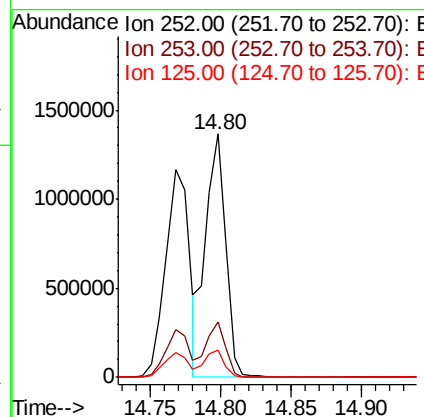
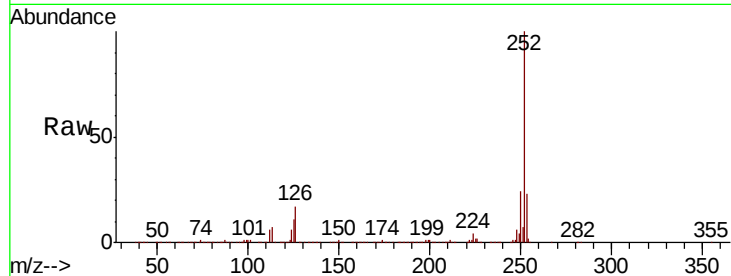




#89
Benzo(k)fluoranthene
Concen: 44.241 ng
RT: 14.80 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

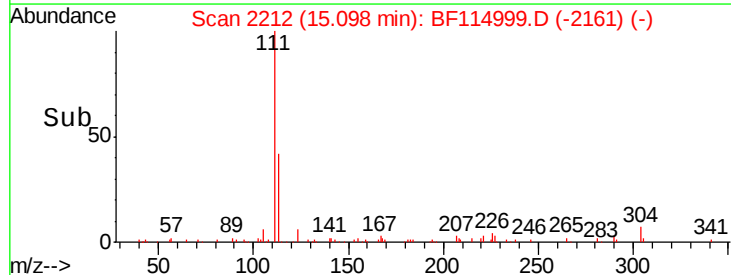
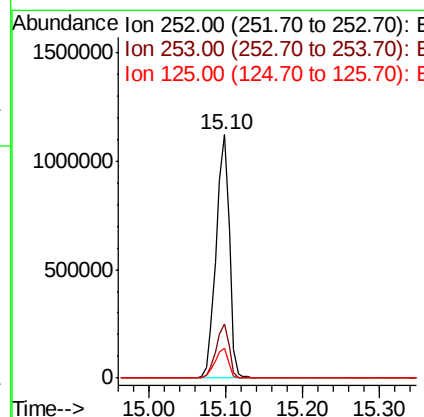
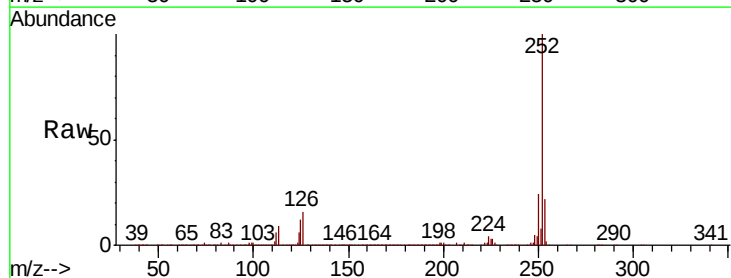
Instrument :
BNA_F
ClientSampleId :
S1(5-10)MSD

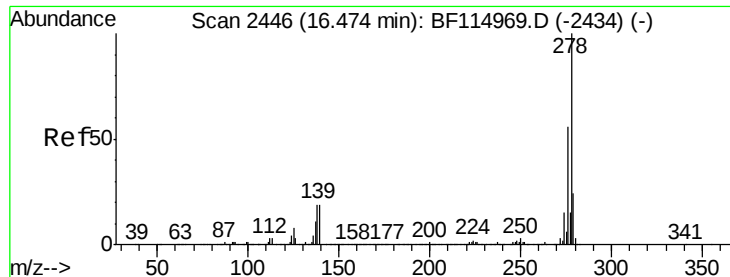
Tot Ion:252 Resp: 1352444
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 11.3 8.2 12.4



#90
Benzo(a)pyrene
Concen: 43.622 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF114999.D
Acq: 13 Jun 2019 13:24

Tgt Ion:252 Resp: 1311000
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 12.3 10.7 16.1





#91

Dibenzo(a,h)anthracene

Concen: 39.858 ng

RT: 16.47 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

Instrument :

BNA_F

ClientSampleId :

S1(5-10)MSD

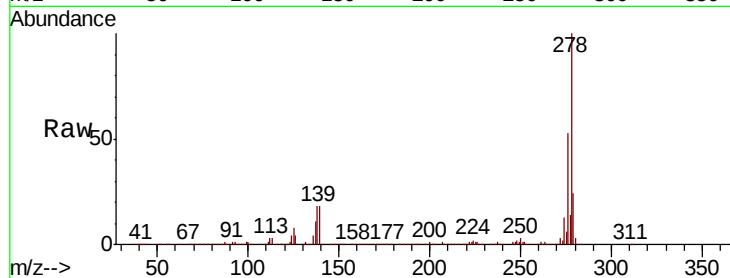
Tot Ion:278 Resp: 1031587

Ion	Ratio	Lower	Upper
278	100		
139	18.5	15.3	22.9
279	24.0	19.2	28.8

278 100

139 18.5 15.3 22.9

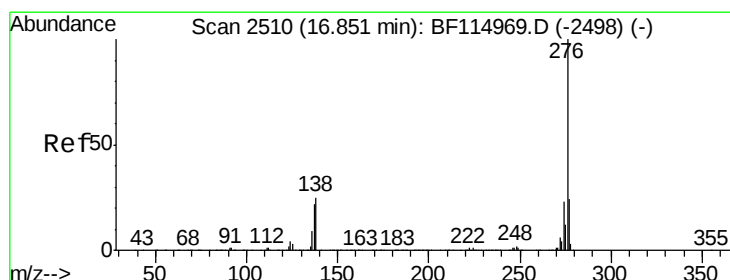
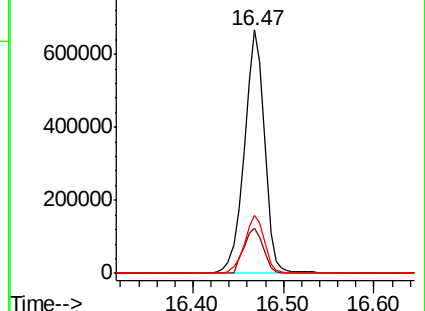
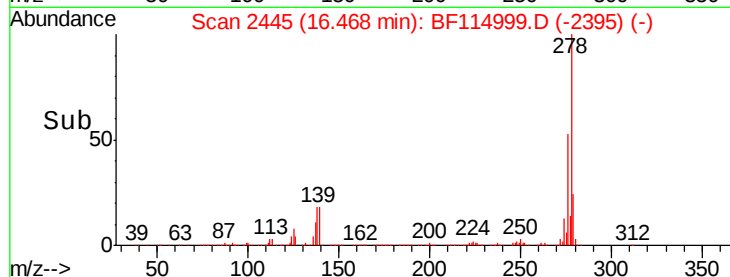
279 24.0 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.097 ng

RT: 16.84 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BF114999.D

Acq: 13 Jun 2019 13:24

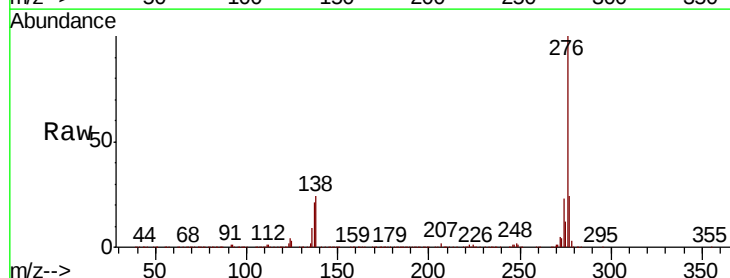
Tgt Ion:276 Resp: 979184

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	24.2	20.2	30.4

276 100

277 23.8 18.8 28.2

138 24.2 20.2 30.4



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

