

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
 Data File : BF114969.D
 Acq On : 12 Jun 2019 11:16
 Operator : HP/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 12:49:08 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 12:22:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	272999	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1106630	20.00	ng	0.00
39) Acenaphthene-d10	9.68	164	529163	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1028497	20.00	ng	0.00
76) Chrysene-d12	13.78	240	606341	20.00	ng	0.00
87) Perylene-d12	15.15	264	630097	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1329212	82.40	ng	0.00
7) Phenol-d6	6.30	99	1618877	83.20	ng	0.00
23) Nitrobenzene-d5	7.22	82	1491828	82.83	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	463356	80.50	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	2579097	77.35	ng	0.00
79) Terphenyl-d14	12.74	244	2488386	81.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	314575	41.097	ng	100
3) Pyridine	2.95	79	862128	40.461	ng	100
4) n-Nitrosodimethylamine	2.90	42	317405	41.473	ng	100
6) Aniline	6.32	93	1080995	41.016	ng	100
8) 2-Chlorophenol	6.44	128	760914	41.332	ng	100
9) Benzaldehyde	6.19	77	463306	37.204	ng	100
10) Phenol	6.31	94	890451	41.043	ng	100
11) bis(2-Chloroethyl)ether	6.39	93	702804	40.645	ng	100
12) 1,3-Dichlorobenzene	6.59	146	877169	41.054	ng	100
13) 1,4-Dichlorobenzene	6.67	146	889292	41.506	ng	100
14) 1,2-Dichlorobenzene	6.82	146	816900	42.006	ng	100
15) Benzyl Alcohol	6.80	79	595531	42.418	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.93	45	939080	39.489	ng	100
17) 2-Methylphenol	6.92	107	641183	41.595	ng	100
18) Hexachloroethane	7.16	117	322403	40.831	ng	100
19) n-Nitroso-di-n-propylamine	7.08	70	480623	39.503	ng	100
20) 3+4-Methylphenols	7.07	107	722701	41.872	ng	100
22) Acetophenone	7.07	105	1010547	40.795	ng	100
24) Nitrobenzene	7.24	77	778587	41.555	ng	100
25) Isophorone	7.48	82	1390187	39.416	ng	100
26) 2-Nitrophenol	7.55	139	429747	41.285	ng	100
27) 2,4-Dimethylphenol	7.60	122	615230	40.390	ng	100
28) bis(2-Chloroethoxy)methane	7.69	93	903245	40.034	ng	100
29) 2,4-Dichlorophenol	7.80	162	659471	41.342	ng	100
30) 1,2,4-Trichlorobenzene	7.88	180	752186	41.089	ng	100
31) Naphthalene	7.96	128	2147150	42.108	ng	100
32) Benzoic acid	7.74	122	440795	38.742	ng	100
33) 4-Chloroaniline	8.00	127	996927	41.430	ng	100
34) Hexachlorobutadiene	8.08	225	417216	40.634	ng	100
35) Caprolactam	8.39	113	217904	40.553	ng	100
36) 4-Chloro-3-methylphenol	8.50	107	658320	40.633	ng	100
37) 2-Methylnaphthalene	8.65	142	1409919	40.690	ng	100
38) 1-Methylnaphthalene	8.75	142	1343095	40.984	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	649405	42.684	ng	100

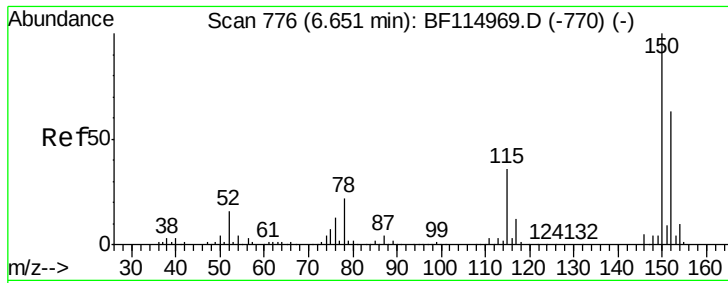
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
 Data File : BF114969.D
 Acq On : 12 Jun 2019 11:16
 Operator : HP/JU
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 QLast Update : Wed Jun 12 12:22:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	335347	38.777	ng	100
43) 2,4,6-Trichlorophenol	8.93	196	486523	42.113	ng	100
44) 2,4,5-Trichlorophenol	8.97	196	488010	40.968	ng	100
46) 1,1'-Biphenyl	9.11	154	1679690	42.429	ng	100
47) 2-Chloronaphthalene	9.13	162	1414892	42.337	ng	100
48) 2-Nitroaniline	9.23	65	423392	41.621	ng	100
49) Acenaphthylene	9.55	152	2101549	42.673	ng	100
50) Dimethylphthalate	9.42	163	1618526	40.696	ng	100
51) 2,6-Dinitrotoluene	9.47	165	376445	41.210	ng	100
52) Acenaphthene	9.72	154	1238259	41.503	ng	100
53) 3-Nitroaniline	9.64	138	458960	41.840	ng	100
54) 2,4-Dinitrophenol	9.75	184	187870	41.553	ng	100
55) Dibenzofuran	9.89	168	1815417	42.626	ng	100
56) 4-Nitrophenol	9.80	139	321968	41.184	ng	100
57) 2,4-Dinitrotoluene	9.87	165	481804	41.727	ng	100
58) Fluorene	10.23	166	1310175	39.907	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.01	232	394019	40.916	ng	100
60) Diethylphthalate	10.11	149	1544694	39.961	ng	100
61) 4-Chlorophenyl-phenylether	10.22	204	641825	39.051	ng	100
62) 4-Nitroaniline	10.25	138	458600	40.794	ng	100
63) Azobenzene	10.38	77	1382165	41.081	ng	100
65) 4,6-Dinitro-2-methylphenol	10.28	198	243110	42.149	ng	100
66) n-Nitrosodiphenylamine	10.34	169	1260436	41.250	ng	100
67) 4-Bromophenyl-phenylether	10.71	248	448705	40.277	ng	100
68) Hexachlorobenzene	10.77	284	500088	40.650	ng	100
69) Atrazine	10.87	200	403789	39.218	ng	100
70) Pentachlorophenol	10.97	266	280034	40.593	ng	100
71) Phenanthrene	11.18	178	2102552	42.135	ng	100
72) Anthracene	11.23	178	2095774	41.379	ng	100
73) Carbazole	11.39	167	1914237	41.513	ng	100
74) Di-n-butylphthalate	11.73	149	2351136	41.256	ng	100
75) Fluoranthene	12.36	202	2149890	41.654	ng	100
77) Benzidine	12.48	184	1021149	38.483	ng	100
78) Pyrene	12.59	202	2175454	41.196	ng	100
80) Butylbenzylphthalate	13.22	149	1039557	39.959	ng	100
81) Benzo(a)anthracene	13.77	228	1844540	41.142	ng	100
82) 3,3'-Dichlorobenzidine	13.74	252	739999	40.436	ng	100
83) Chrysene	13.81	228	1816727	40.353	ng	100
84) Bis(2-ethylhexyl)phthalate	13.78	149	1214905	39.874	ng	100
85) Di-n-octyl phthalate	14.39	149	2160199	38.812	ng	100
86) Indeno(1,2,3-cd)pyrene	16.46	276	1530733	36.166	ng	100
88) Benzo(b)fluoranthene	14.77	252	1670183	40.715	ng	100
89) Benzo(k)fluoranthene	14.80	252	1541582	43.303	ng	100
90) Benzo(a)pyrene	15.10	252	1471990	41.313	ng	100
91) Dibenzo(a,h)anthracene	16.47	278	1245938	41.398	ng	100
92) Benzo(g,h,i)perylene	16.85	276	1255854	41.862	ng	100

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

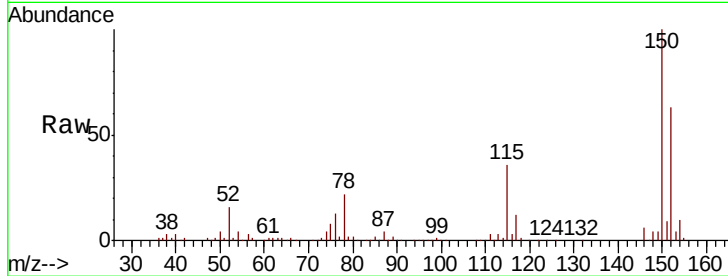


#1

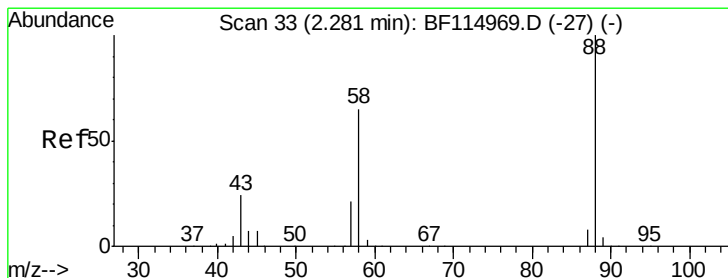
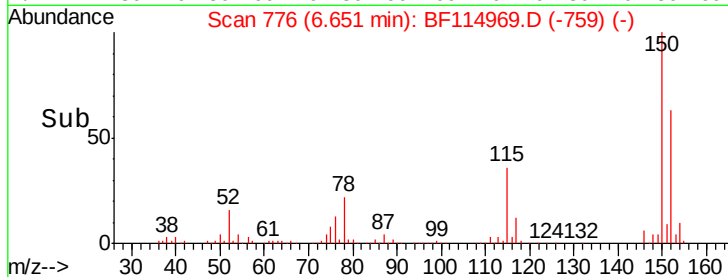
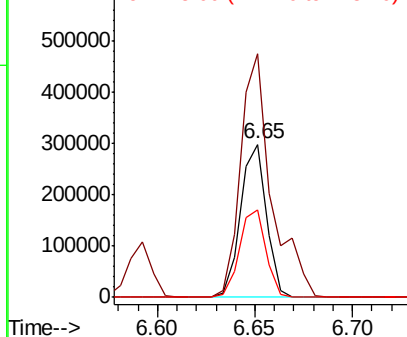
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	127.4	191.0
115	57.5	46.0	69.0



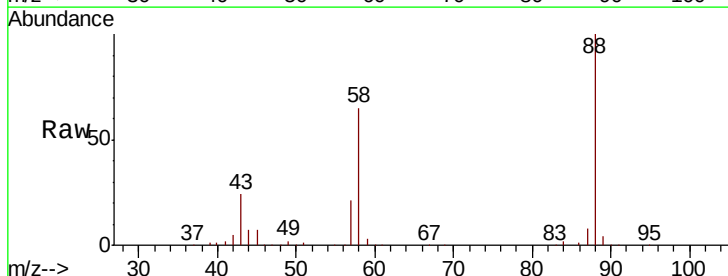
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



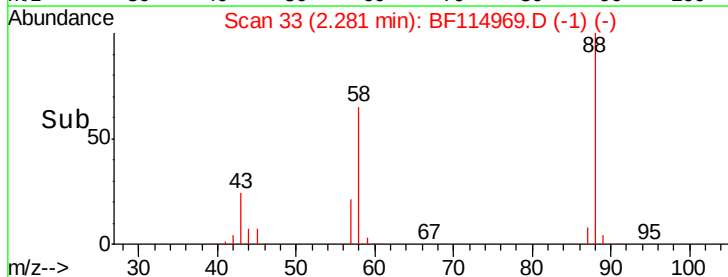
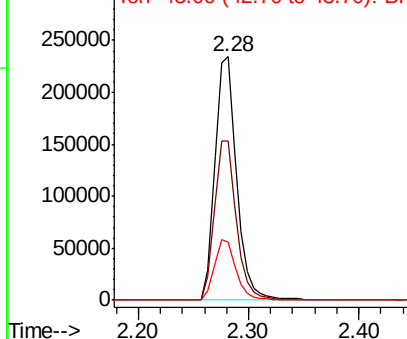
#2

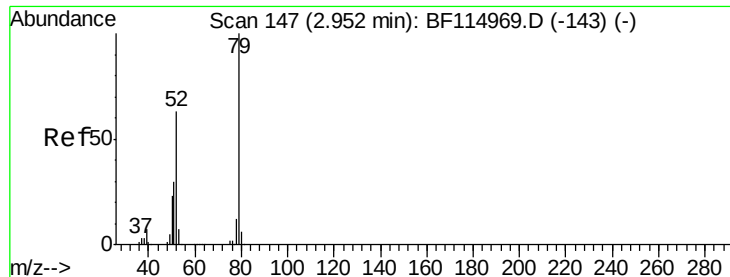
1,4-Dioxane
Concen: 41.097 ng
RT: 2.28 min Scan# 33
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.8	53.4	80.2
43	24.6	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: 40.461 ng

RT: 2.95 min Scan# 147

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

Instrument :

BNA_F

ClientSampleId :

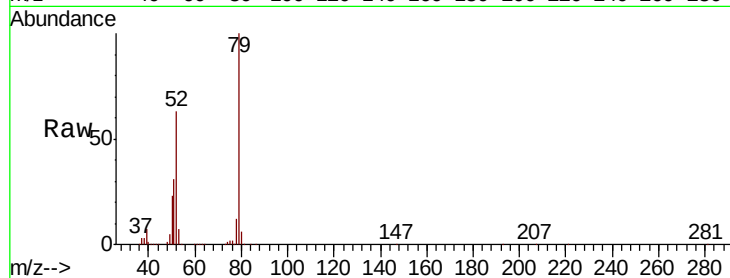
Tot Ion: 79 Resp: 862128

Ion Ratio Lower Upper

79 100

52 62.9 50.3 75.5

51 30.5 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

500000

400000

300000

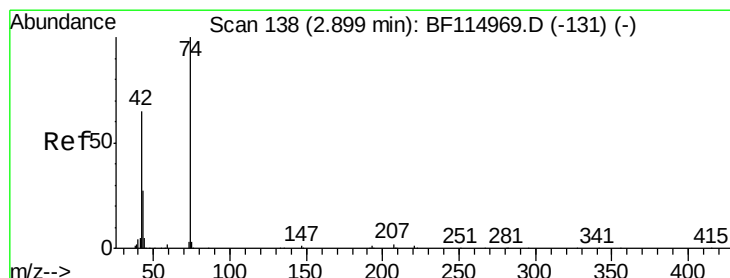
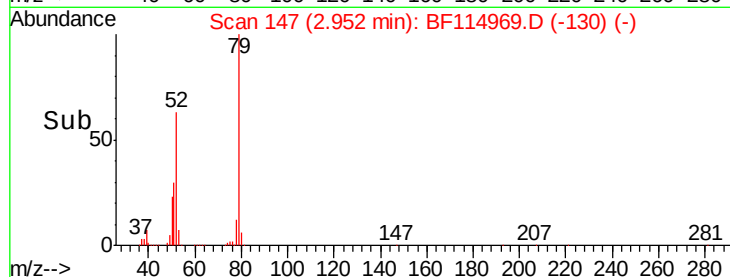
200000

100000

0

2.95

Time-->



#4

n-Nitrosodimethylamine

Concen: 41.473 ng

RT: 2.90 min Scan# 138

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

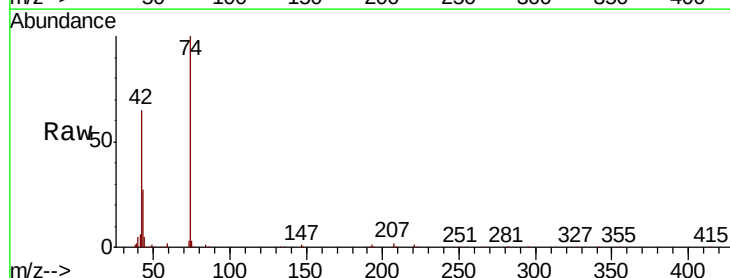
Tgt Ion: 42 Resp: 317405

Ion Ratio Lower Upper

42 100

74 152.7 122.2 183.2

44 7.3 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

300000

250000

200000

150000

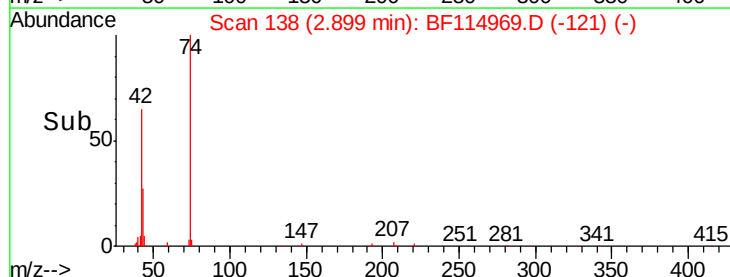
100000

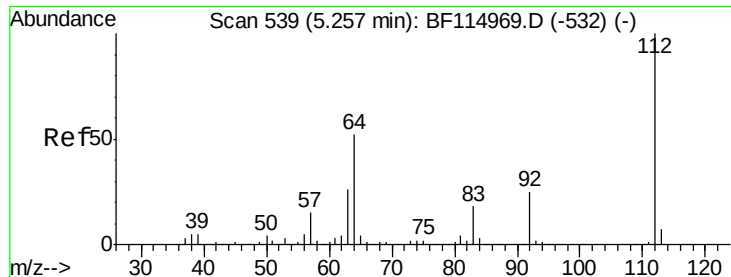
50000

0

2.90

Time-->





#5

2-Fluorophenol

Concen: 82.402 ng

RT: 5.26 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

Instrument :

BNA_F

ClientSampleId :

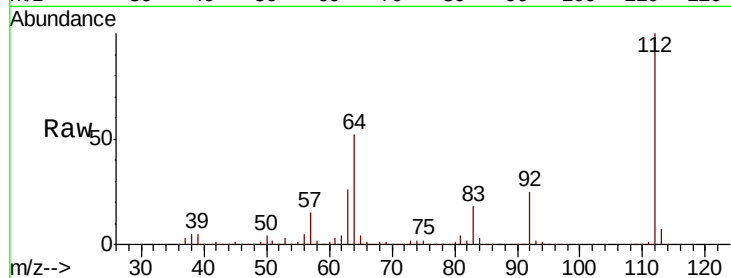
Tot Ion: 112 Resp: 1329212

Ion Ratio Lower Upper

112 100

64 52.0 41.6 62.4

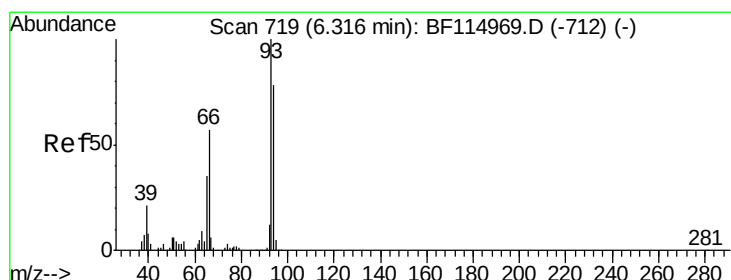
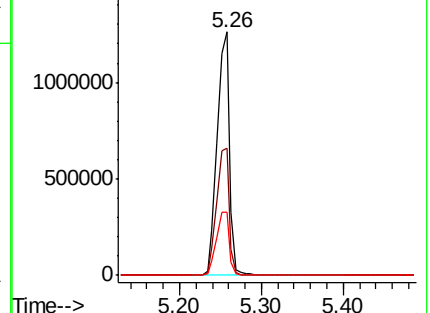
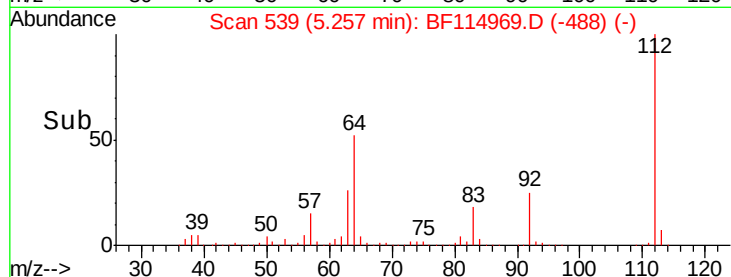
63 26.1 20.9 31.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.016 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

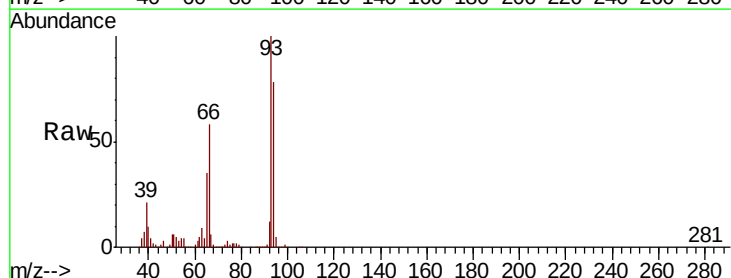
Tgt Ion: 93 Resp: 1080995

Ion Ratio Lower Upper

93 100

66 57.7 46.2 69.2

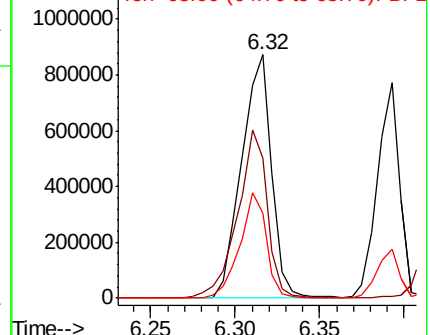
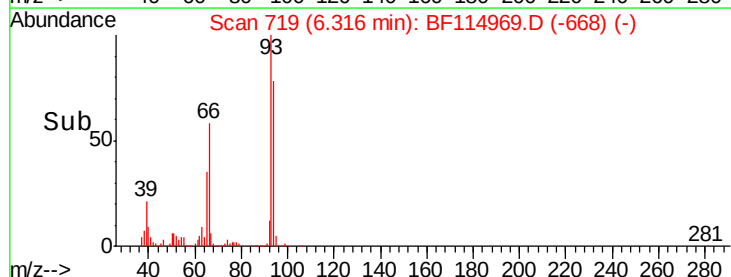
65 34.6 27.7 41.5

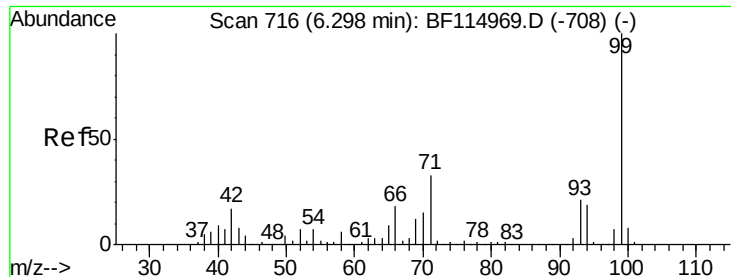


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.204 ng

RT: 6.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

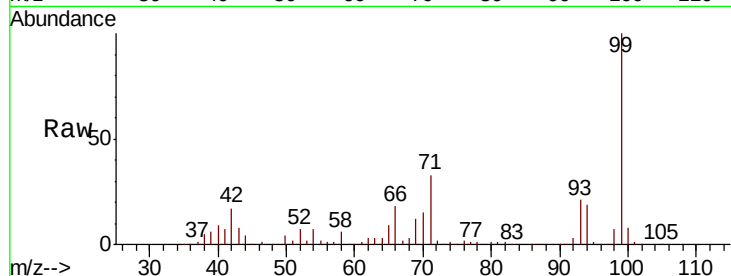
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1618877

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.4	20.2
71	33.0	26.4	39.6

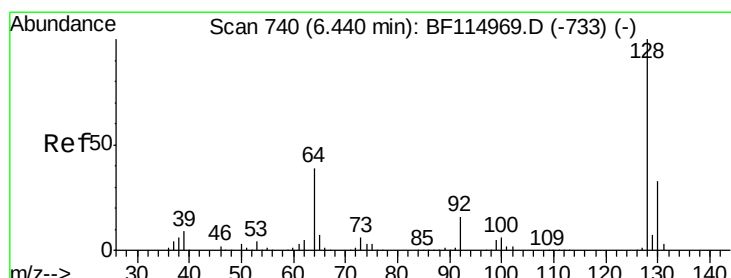
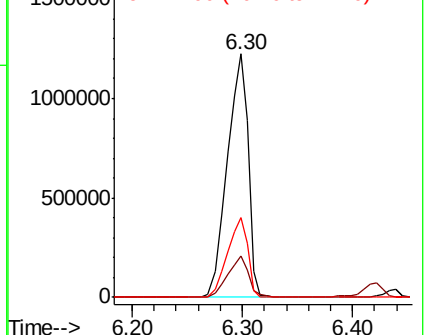
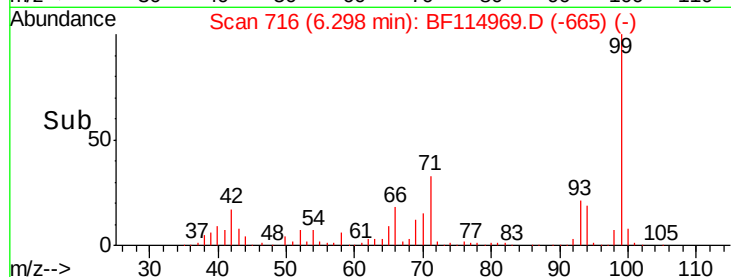


Abundance

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: 41.332 ng

RT: 6.44 min Scan# 740

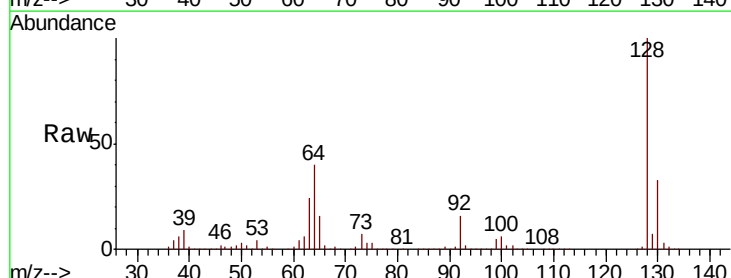
Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

Tgt Ion: 128 Resp: 760914

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.4	53.4
64	40.1	20.1	60.1

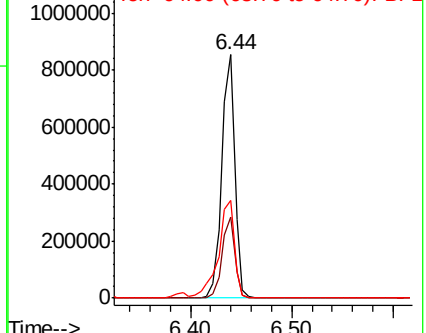
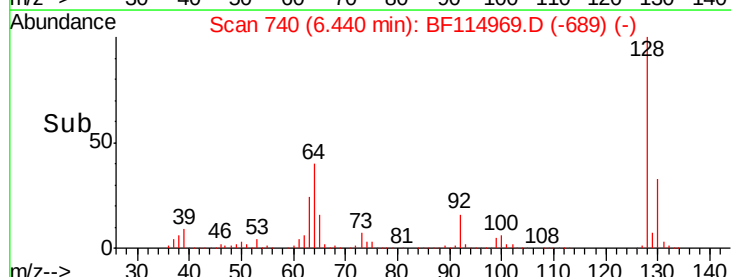


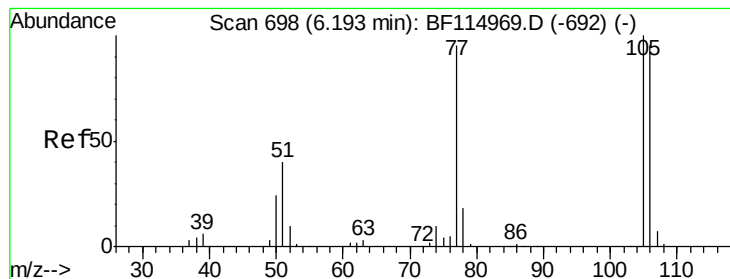
Abundance

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: 37.204 ng

RT: 6.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

Instrument :

BNA_F

ClientSampleId :

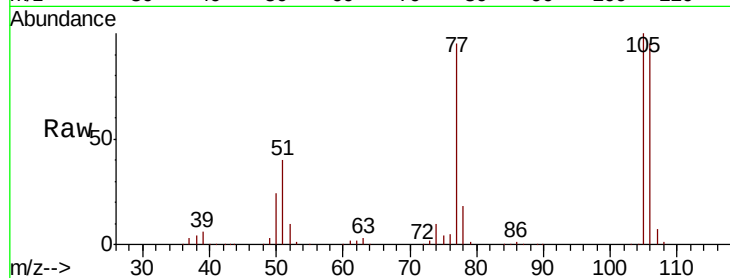
Tot Ion: 77 Resp: 463306

Ion Ratio Lower Upper

77 100

105 105.1 85.1 125.1

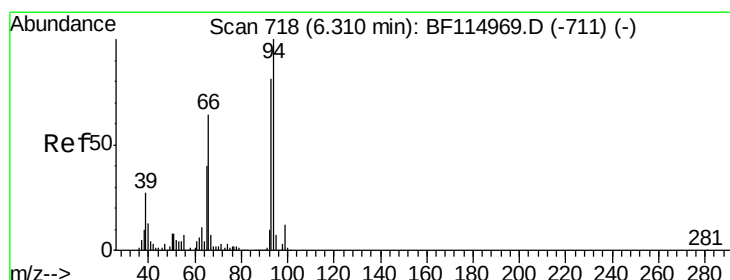
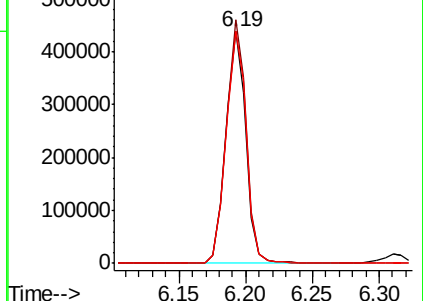
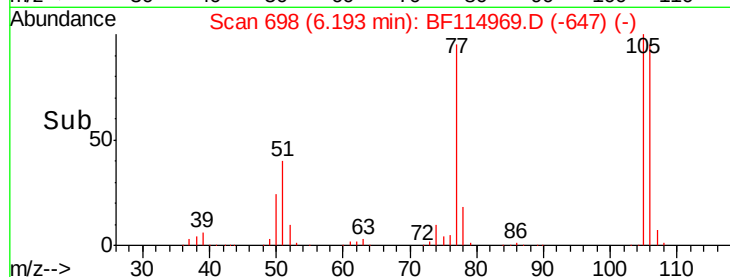
106 100.0 80.0 120.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.043 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

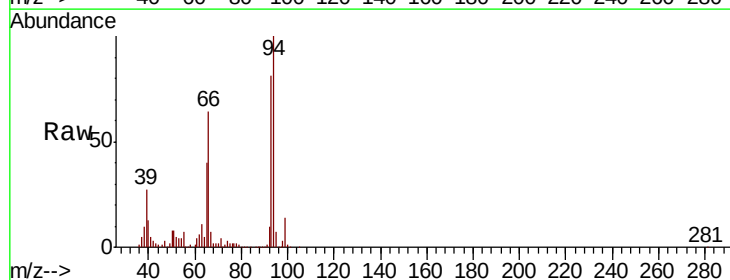
Tgt Ion: 94 Resp: 890451

Ion Ratio Lower Upper

94 100

65 40.0 20.0 60.0

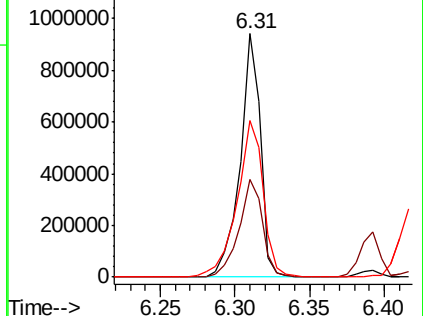
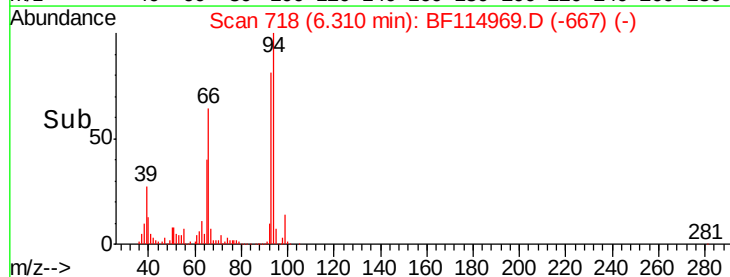
66 64.1 44.1 84.1

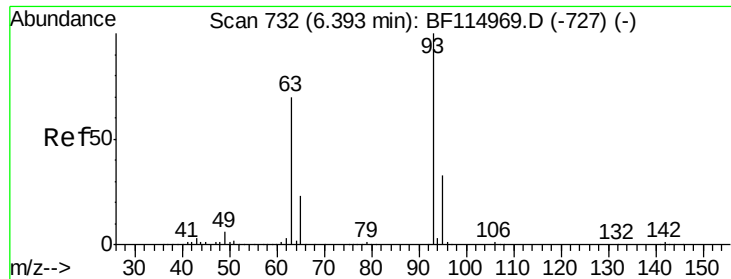


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

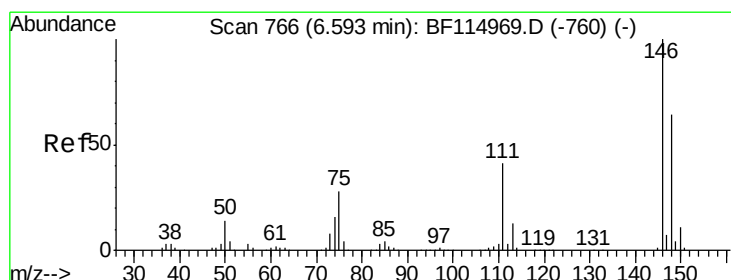
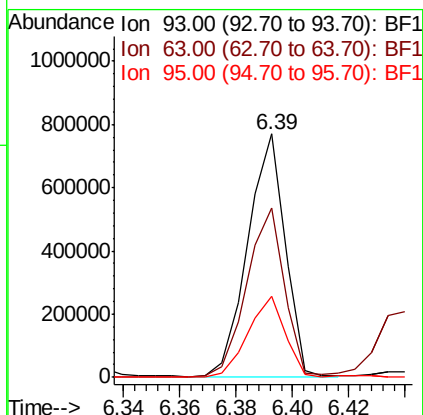
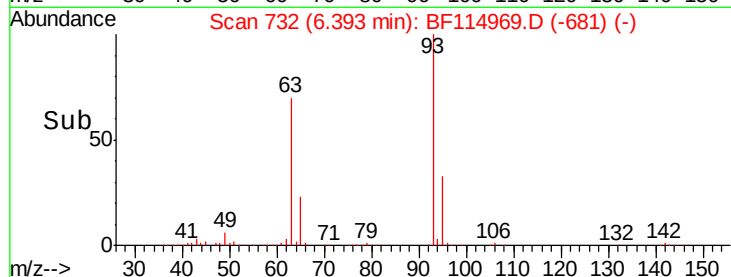
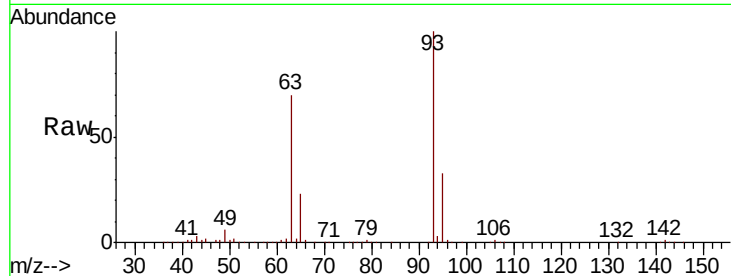




#11
bis(2-Chloroethyl)ether
Concen: 40.645 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

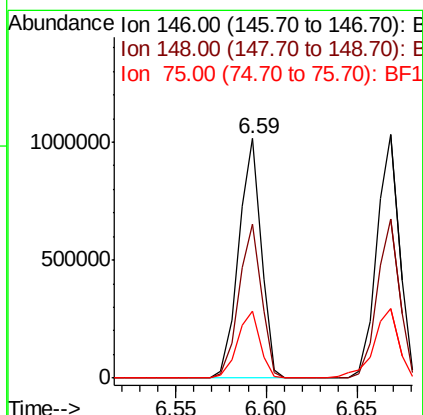
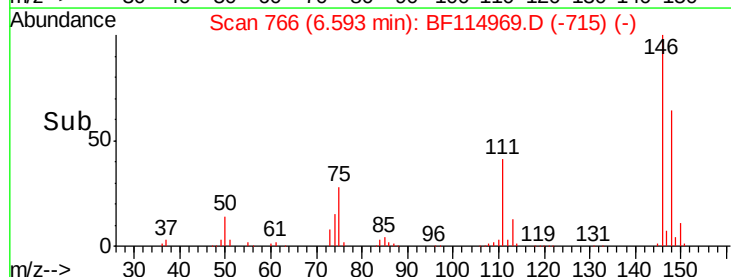
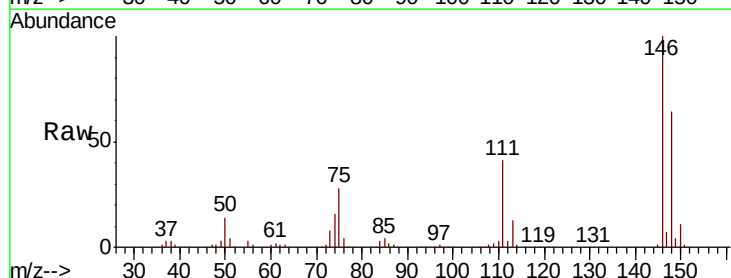
Instrument :
BNA_F
ClientSampleId :

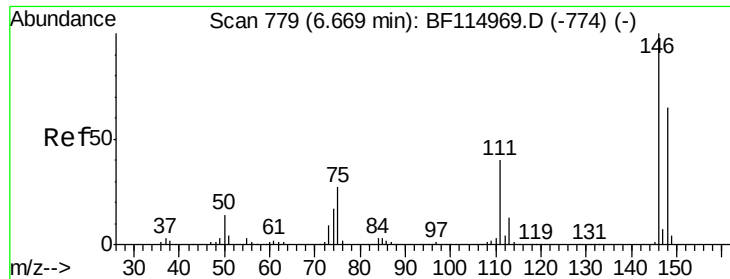
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.8	49.8	89.8
95	33.3	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 41.054 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
75	27.9	22.3	33.5

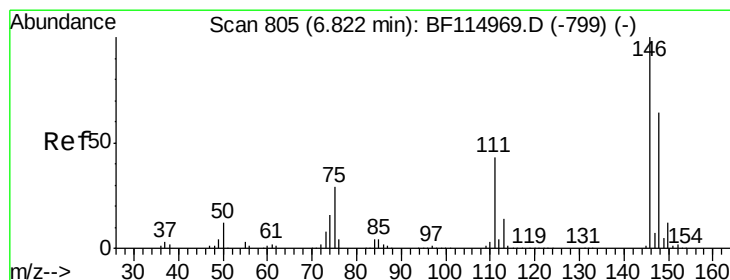
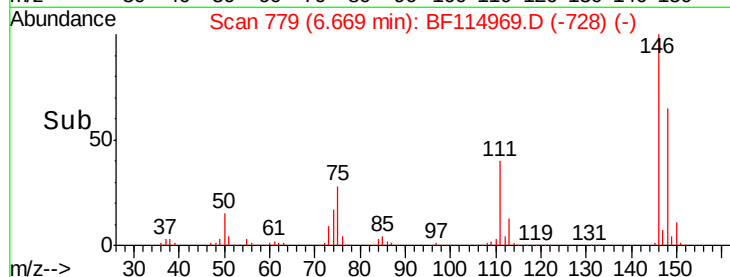
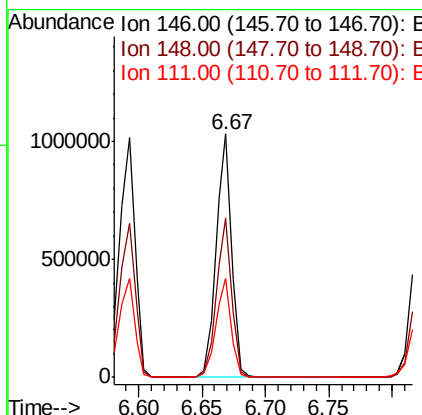
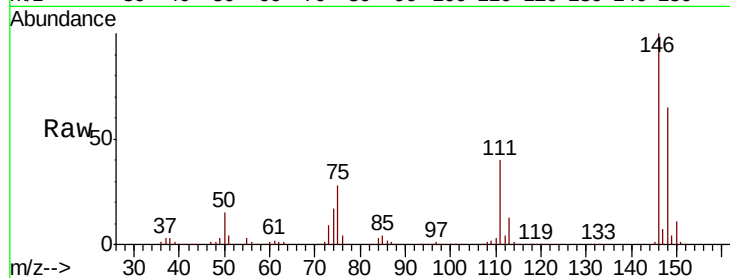




#13
 1,4-Dichlorobenzene
 Concen: 41.506 ng
 RT: 6.67 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF114969.D
 Acq: 12 Jun 2019 11:16

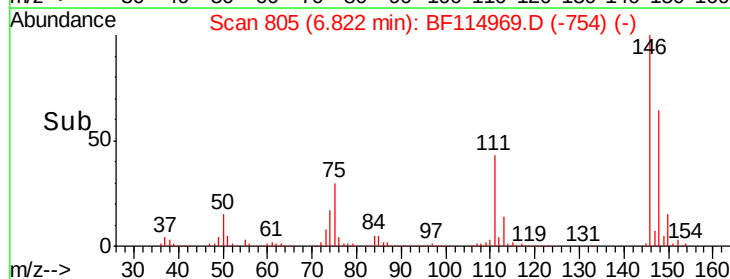
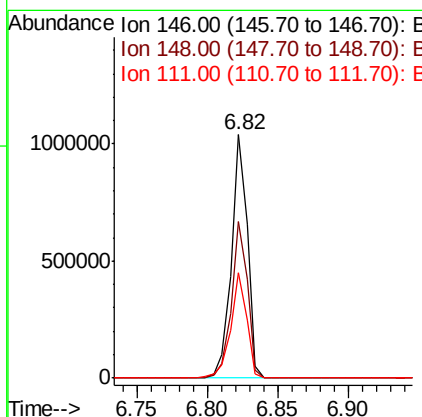
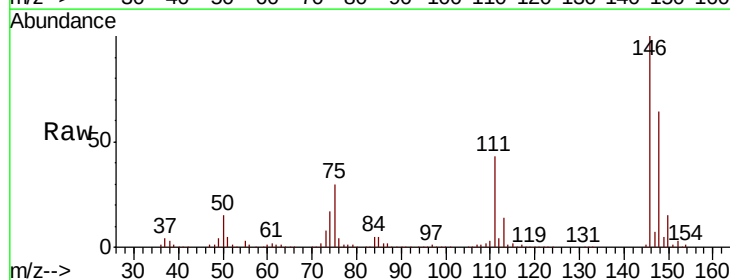
Instrument :
 BNA_F
 ClientSampleId :

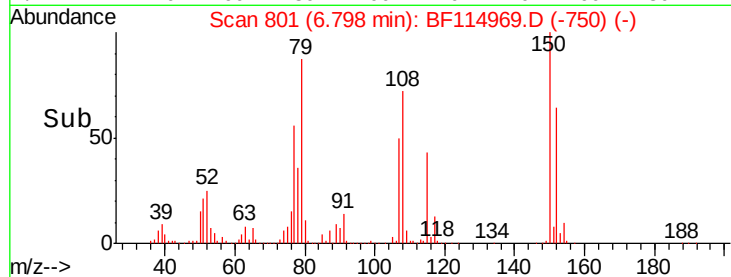
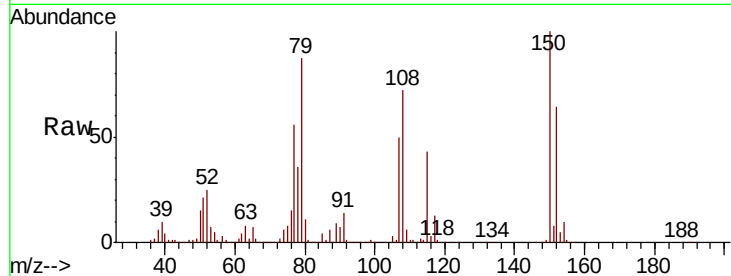
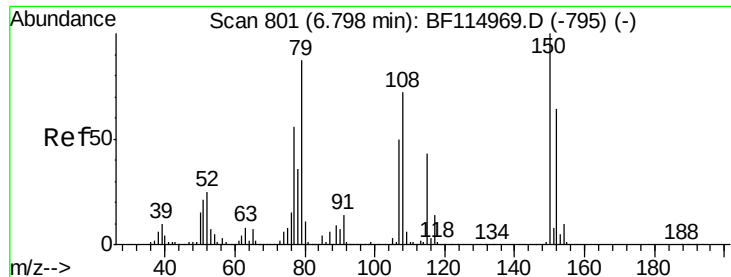
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
111	40.5	32.4	48.6



#14
 1,2-Dichlorobenzene
 Concen: 42.006 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF114969.D
 Acq: 12 Jun 2019 11:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.5	77.3
111	43.2	34.6	51.8

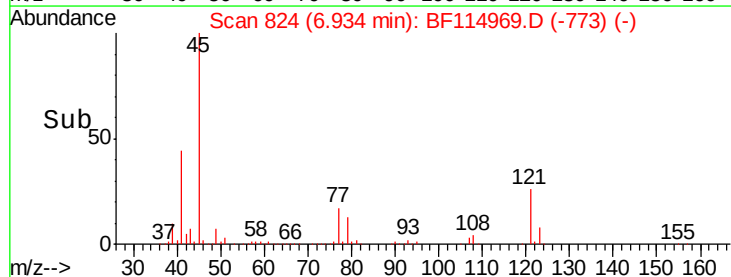
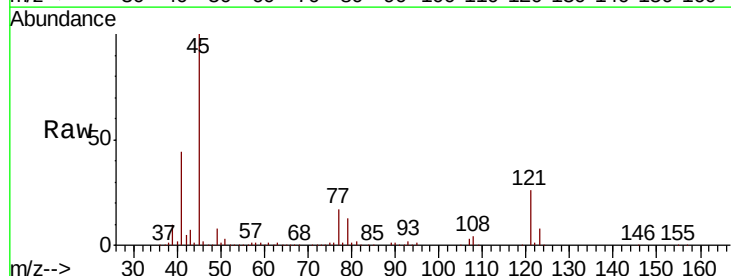
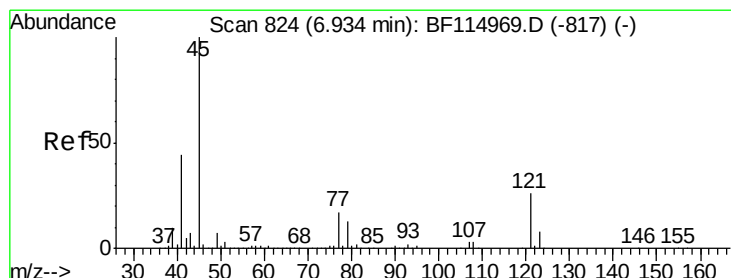
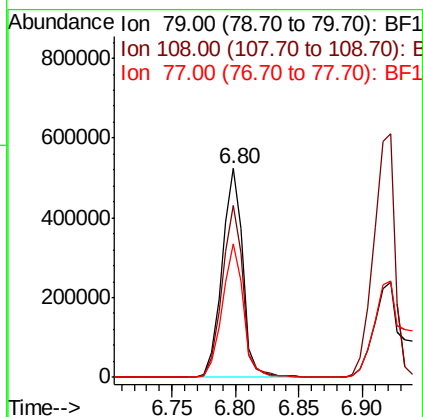




#15
Benzyl Alcohol
Concen: 42.418 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

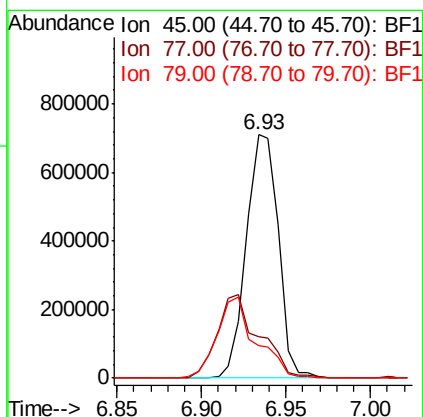
Instrument :
BNA_F
ClientSampleId :

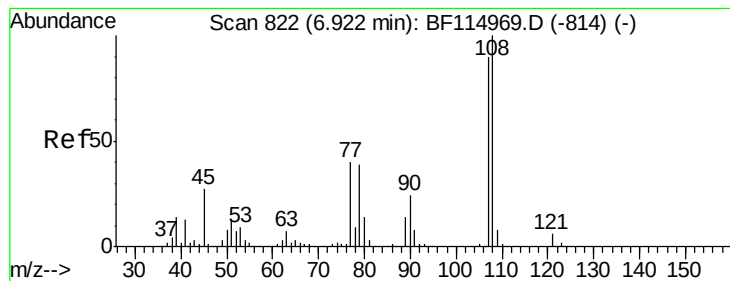
Tot Ion: 79 Resp: 595531
Ion Ratio Lower Upper
79 100
108 82.5 66.0 99.0
77 63.9 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.489 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Tgt Ion: 45 Resp: 939080
Ion Ratio Lower Upper
45 100
77 17.0 0.0 37.0
79 13.1 0.0 33.1





#17

2-Methylphenol

Concen: 41.595 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 641183

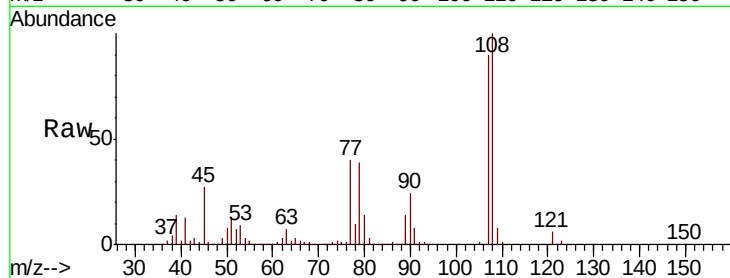
Ion Ratio Lower Upper

107 100

108 111.6 89.3 133.9

77 44.3 35.4 53.2

79 43.6 34.9 52.3

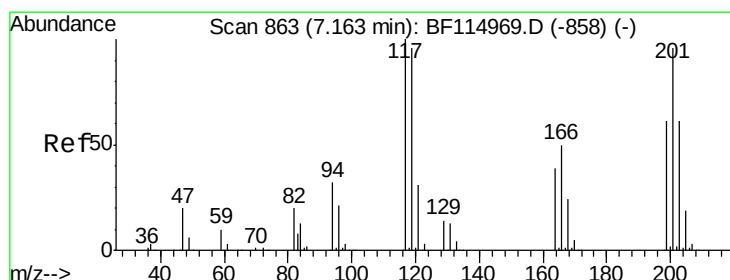
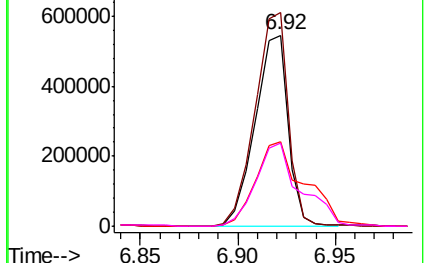
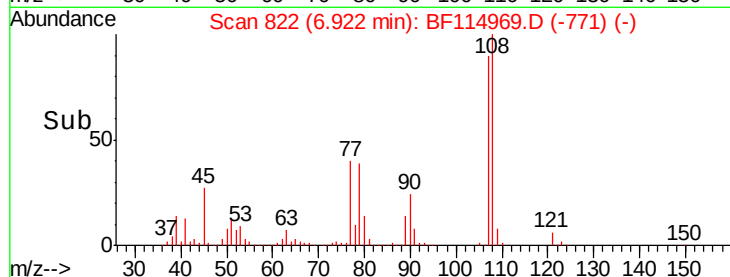


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.831 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

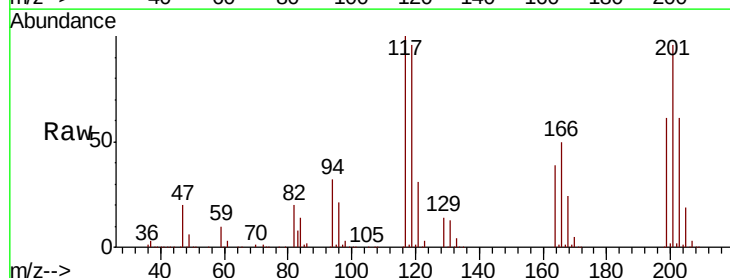
Tgt Ion:117 Resp: 322403

Ion Ratio Lower Upper

117 100

119 96.2 77.0 115.4

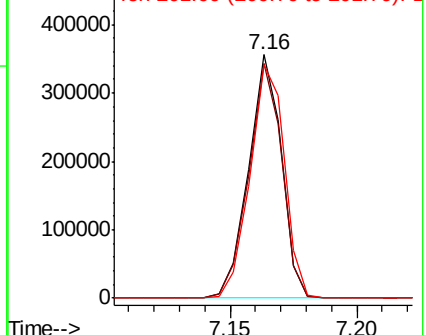
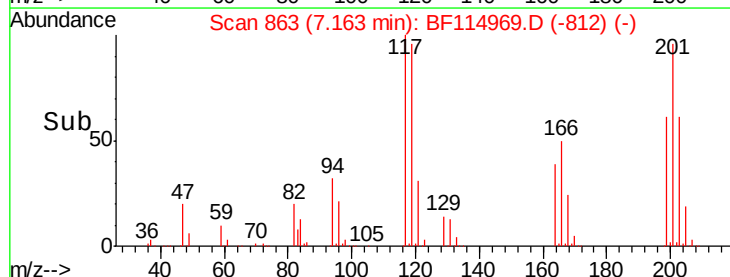
201 95.8 76.6 115.0

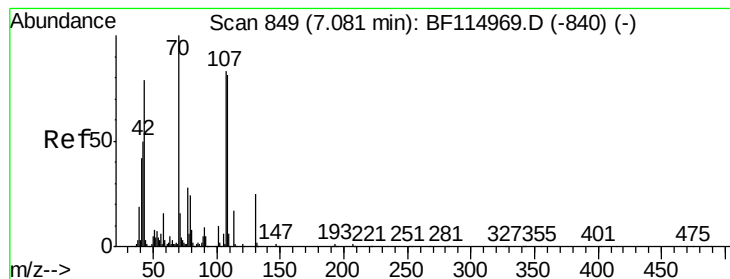


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.503 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 480623

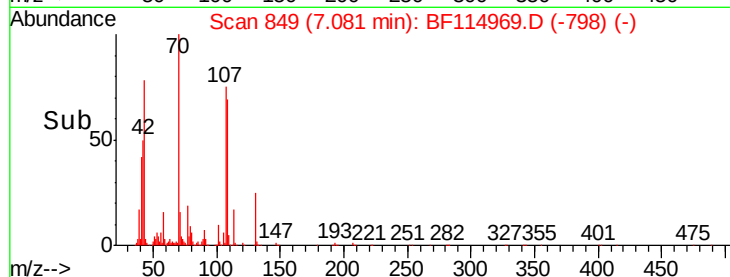
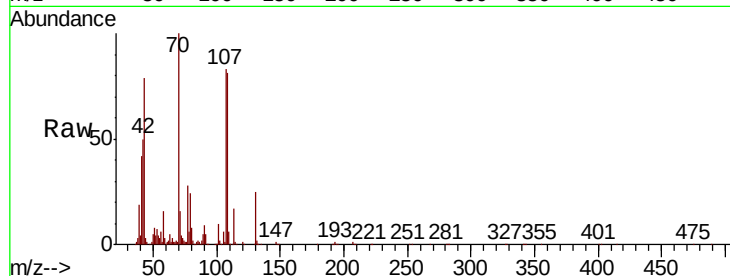
Ion Ratio Lower Upper

70 100

42 50.4 40.3 60.5

101 10.3 8.2 12.4

130 25.4 20.3 30.5



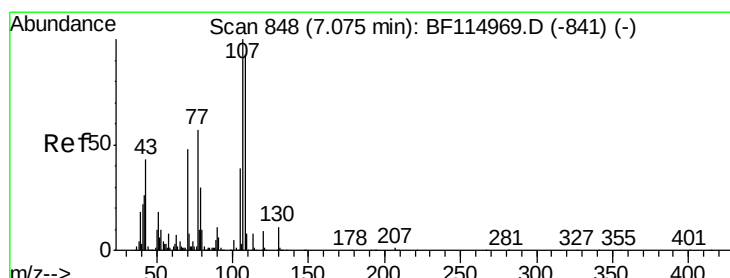
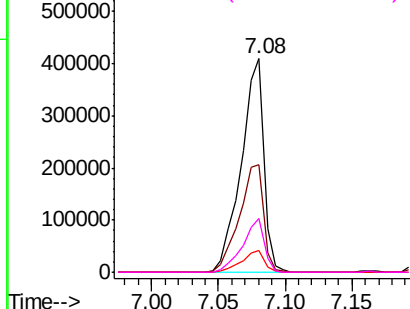
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 41.872 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

Tgt Ion: 107 Resp: 722701

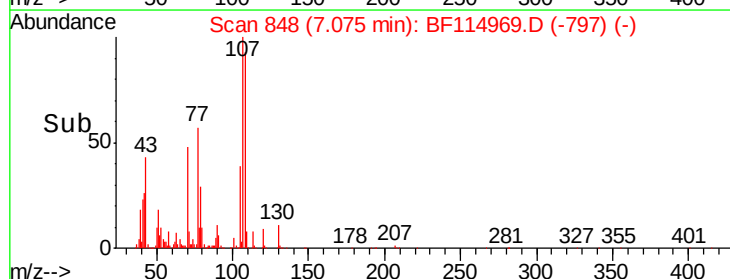
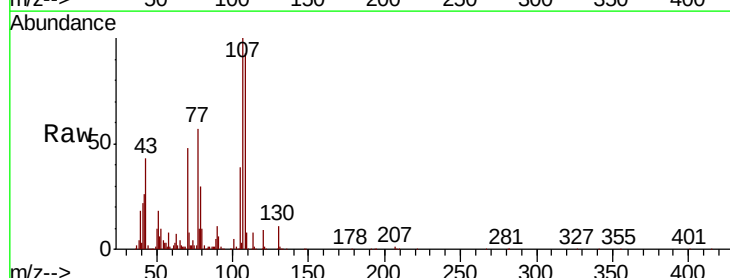
Ion Ratio Lower Upper

107 100

108 93.1 73.1 113.1

77 57.3 37.3 77.3

79 29.6 9.6 49.6



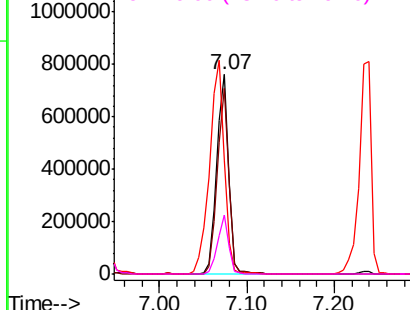
Abundance

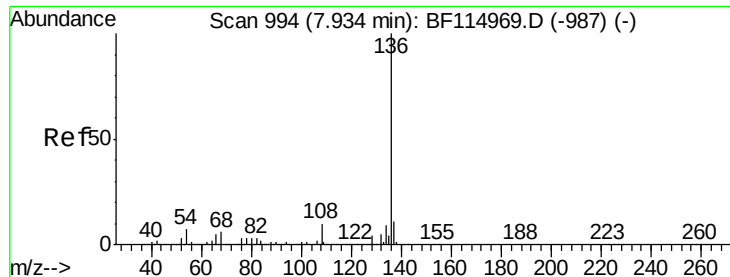
Ion 107.00 (106.70 to 107.70): E

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

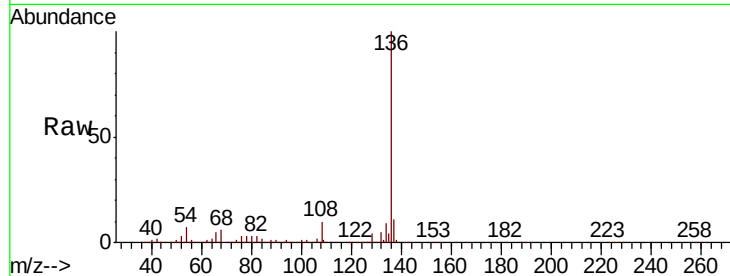




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1106630
Ion Ratio	Lower Upper
136 100	
137 11.2	9.0 13.4
54 6.7	5.4 8.0
68 5.8	4.6 7.0



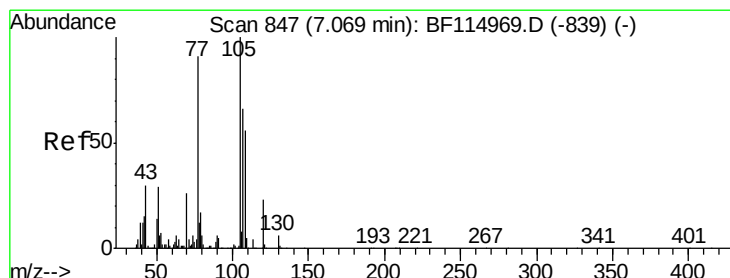
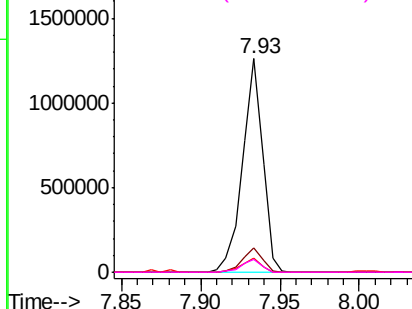
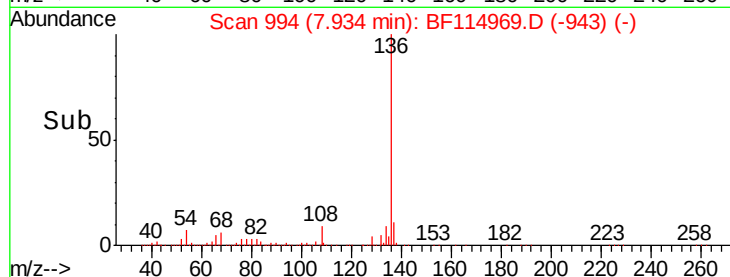
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

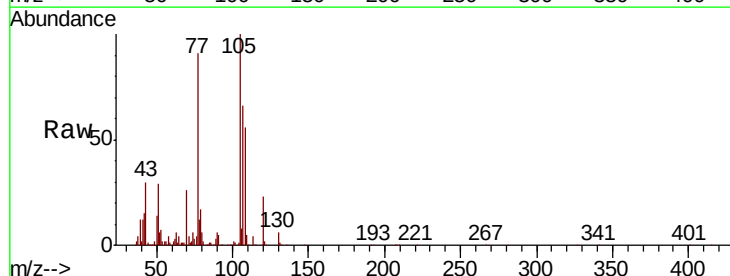
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.795 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Tgt	Ion:105	Resp:	1010547
Ion	Ratio	Lower	Upper
105	100		
71	4.3	3.4	5.2
51	29.1	23.3	34.9
120	23.5	18.8	28.2



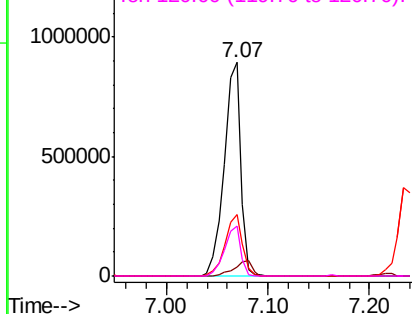
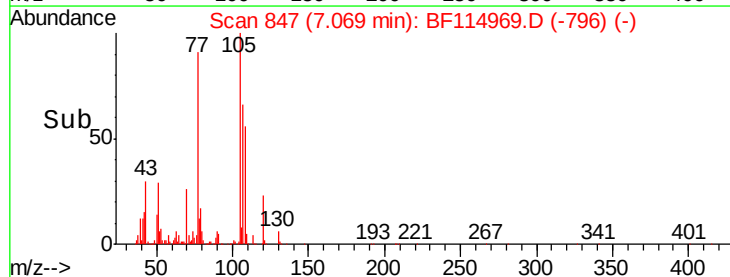
Abundance

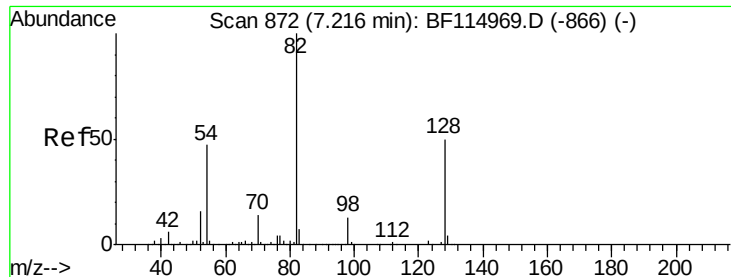
Ion 105.00 (104.70 to 105.70): E

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

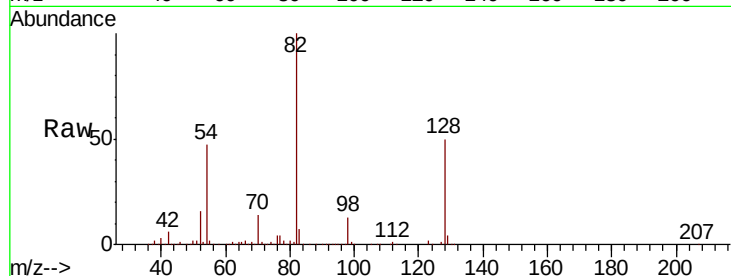




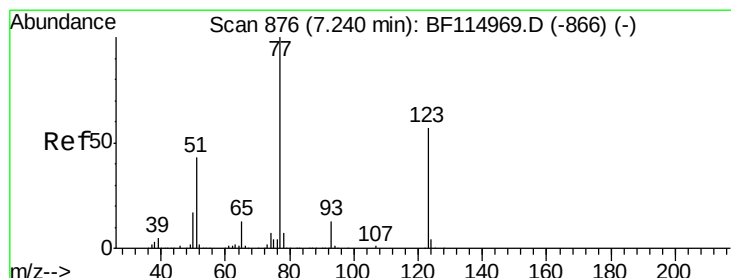
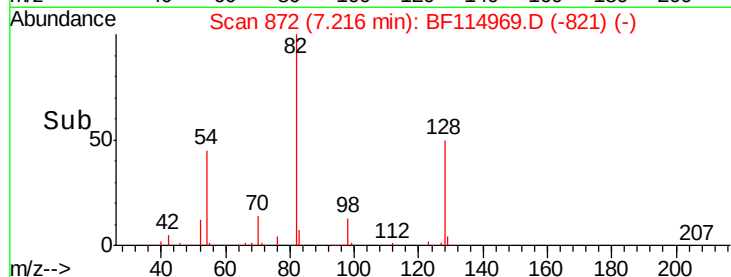
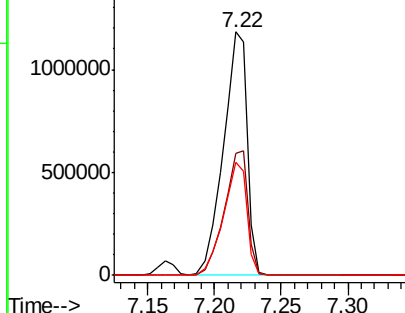
#23
 Nitrobenzene-d5
 Concen: 82.829 ng
 RT: 7.22 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: BF114969.D
 Acq: 12 Jun 2019 11:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1491828
 Ion Ratio Lower Upper
 82 100
 128 49.9 39.9 59.9
 54 46.6 37.3 55.9

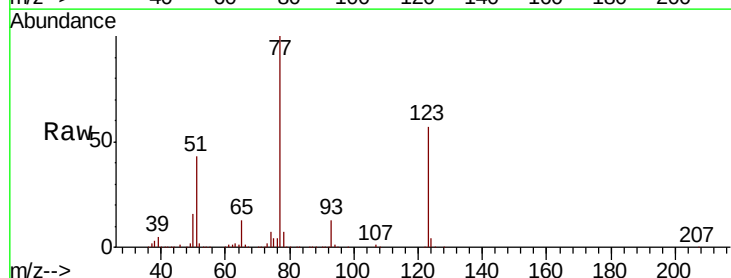


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

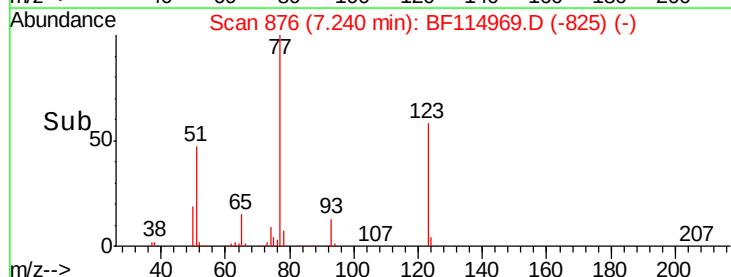
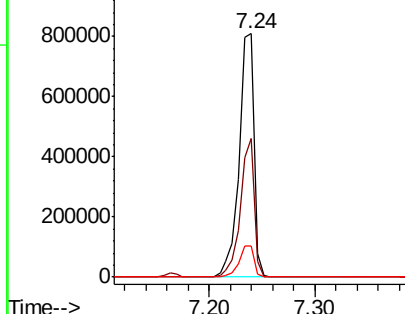


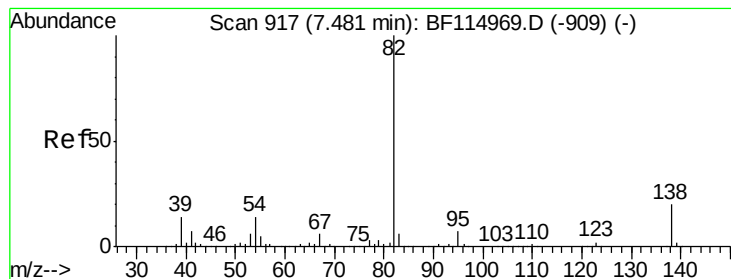
#24
 Nitrobenzene
 Concen: 41.555 ng
 RT: 7.24 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF114969.D
 Acq: 12 Jun 2019 11:16

Tgt Ion: 77 Resp: 778587
 Ion Ratio Lower Upper
 77 100
 123 56.9 45.5 68.3
 65 12.9 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: 39.416 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

Instrument :

BNA_F

ClientSampleId :

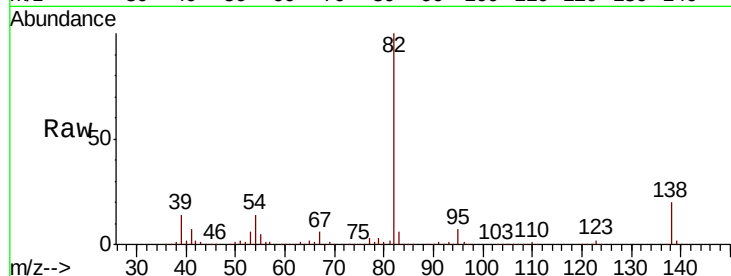
Tot Ion: 82 Resp: 1390187

Ion Ratio Lower Upper

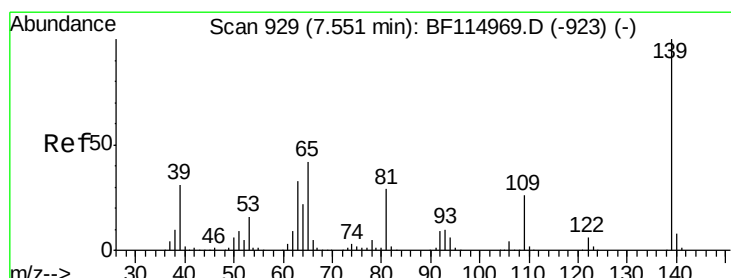
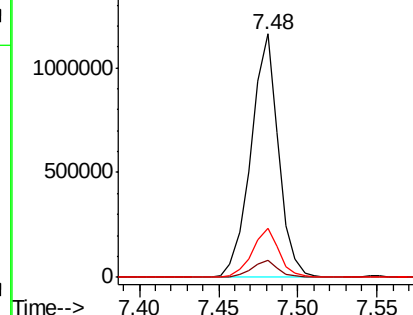
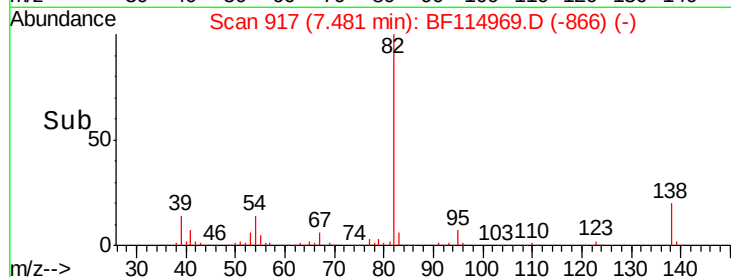
82 100

95 7.0 5.6 8.4

138 20.1 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: 41.285 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

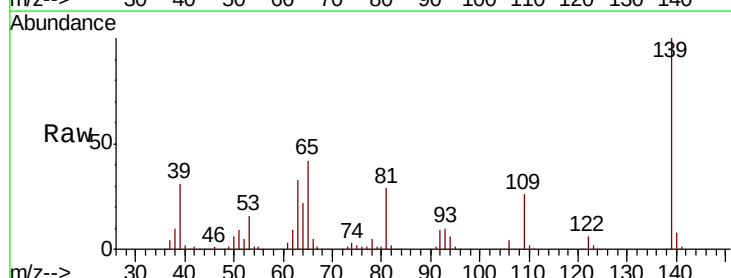
Tgt Ion: 139 Resp: 429747

Ion Ratio Lower Upper

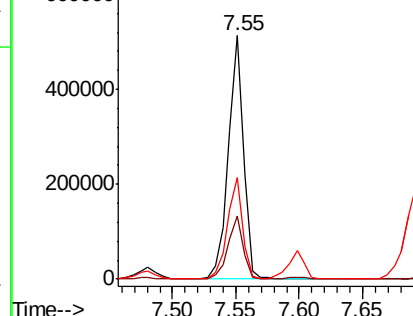
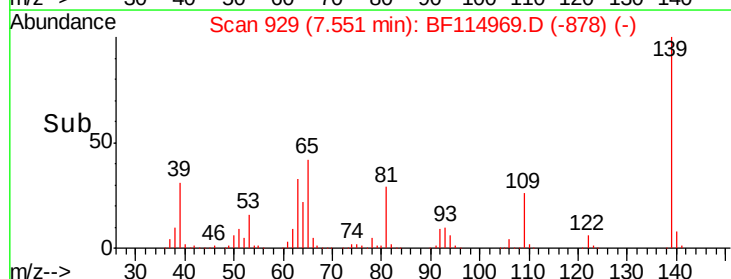
139 100

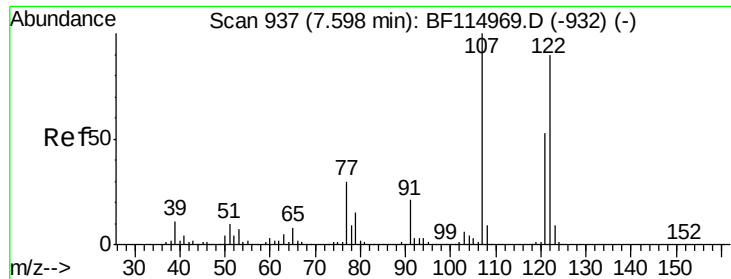
109 26.0 20.8 31.2

65 41.8 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: 40.390 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

Instrument :

BNA_F

ClientSampled :

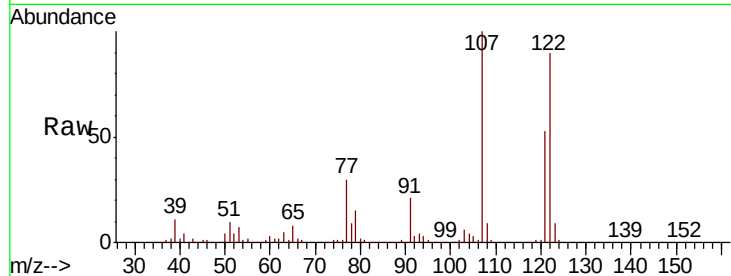
Tot Ion:122 Resp: 615230

Ion Ratio Lower Upper

122 100

107 111.0 88.8 133.2

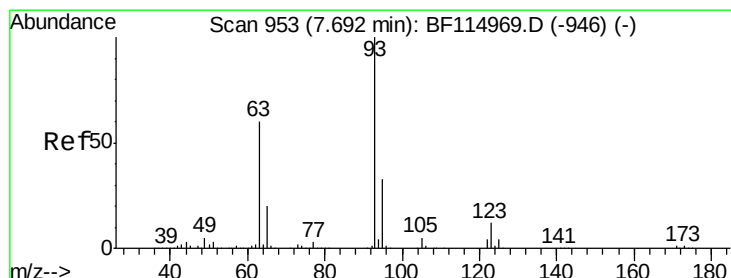
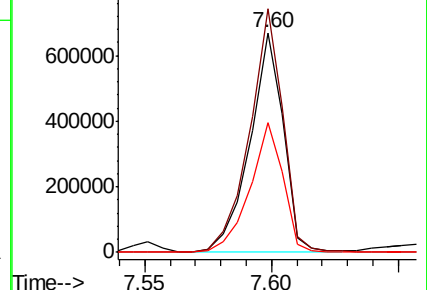
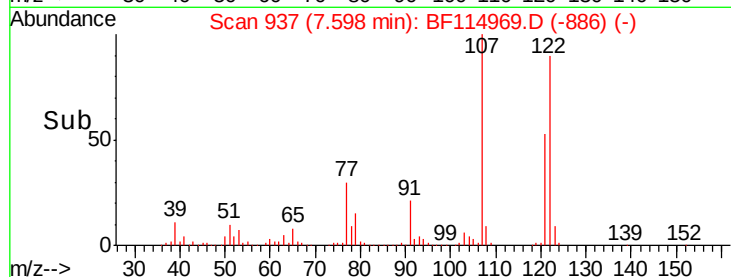
121 59.2 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.034 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

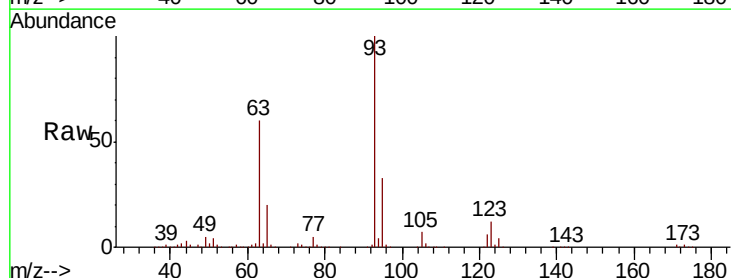
Tgt Ion: 93 Resp: 903245

Ion Ratio Lower Upper

93 100

95 33.3 26.6 40.0

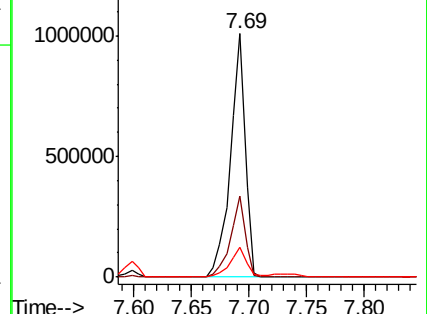
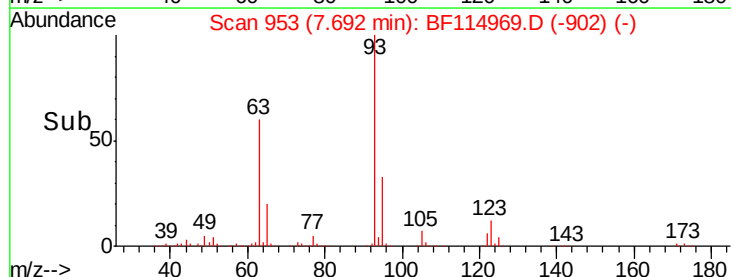
123 12.4 9.9 14.9

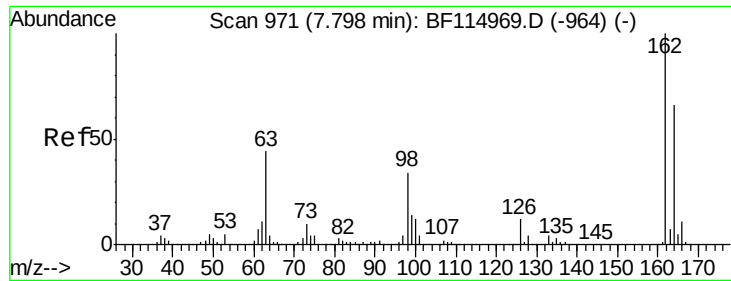


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

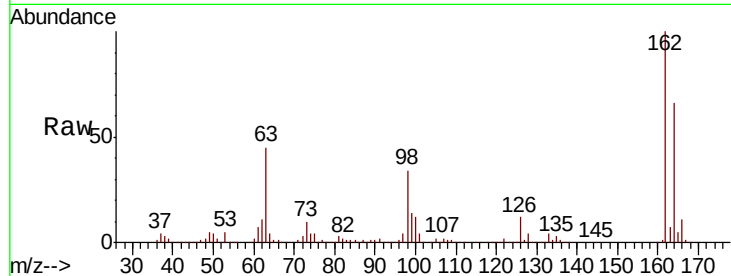




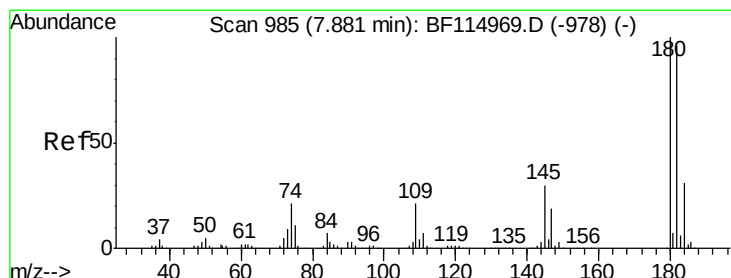
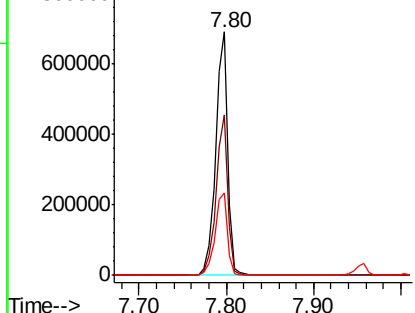
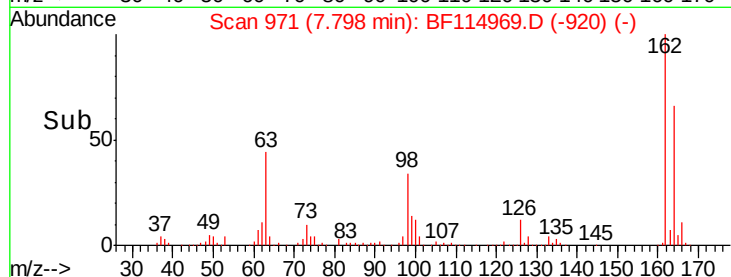
#29
 2,4-Dichlorophenol
 Concen: 41.342 ng
 RT: 7.80 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF114969.D
 Acq: 12 Jun 2019 11:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 659471
 Ion Ratio Lower Upper
 162 100
 164 65.7 45.7 85.7
 98 34.0 14.0 54.0

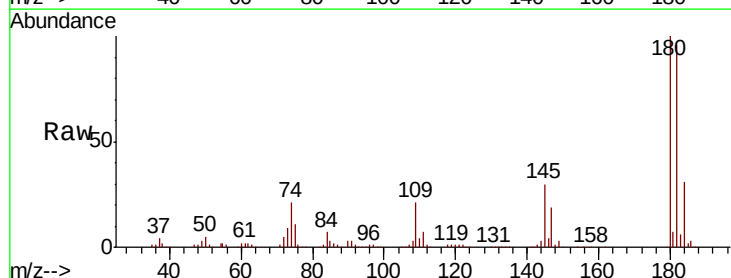


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

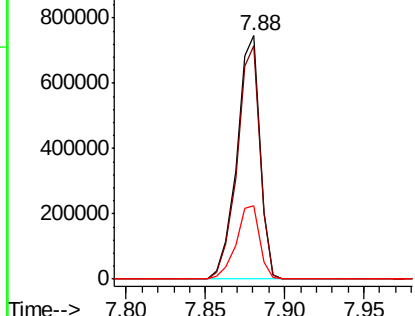
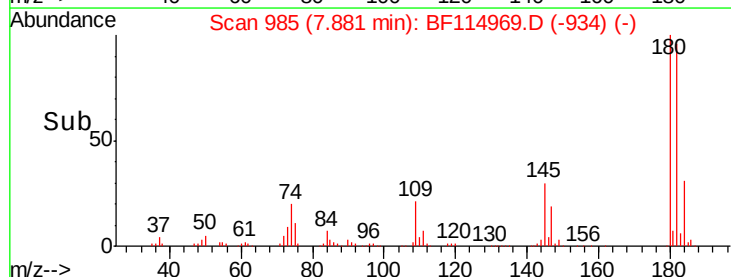


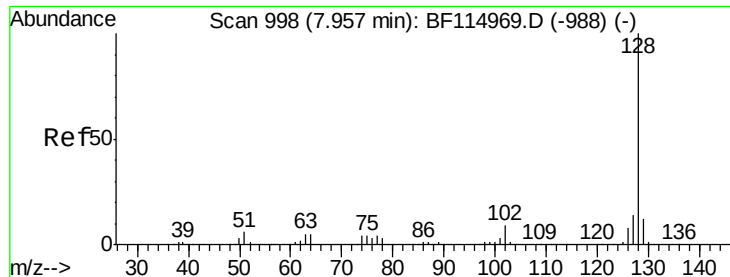
#30
 1,2,4-Trichlorobenzene
 Concen: 41.089 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF114969.D
 Acq: 12 Jun 2019 11:16

Tgt Ion:180 Resp: 752186
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.7 115.1
 145 30.1 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

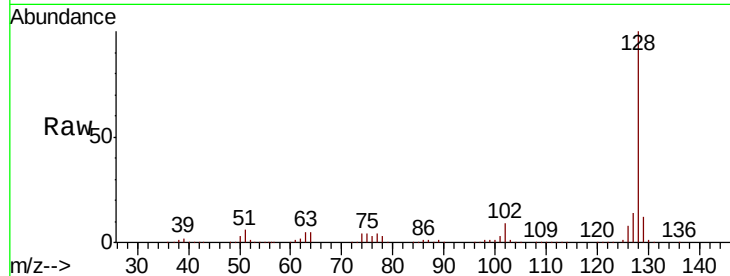




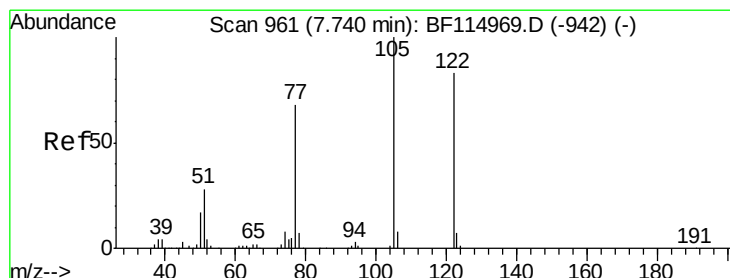
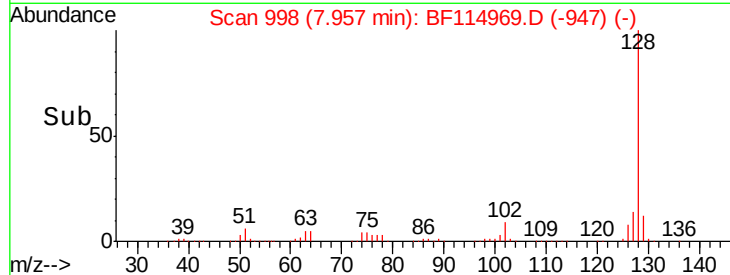
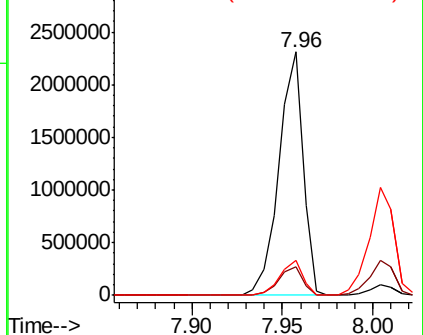
#31
Naphthalene
Concen: 42.108 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2147150
Ion Ratio Lower Upper
128 100
129 11.9 9.5 14.3
127 14.4 11.5 17.3

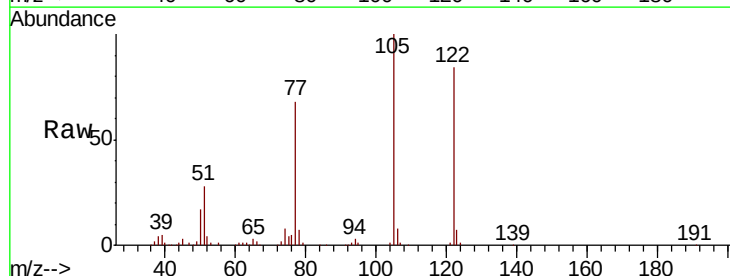


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

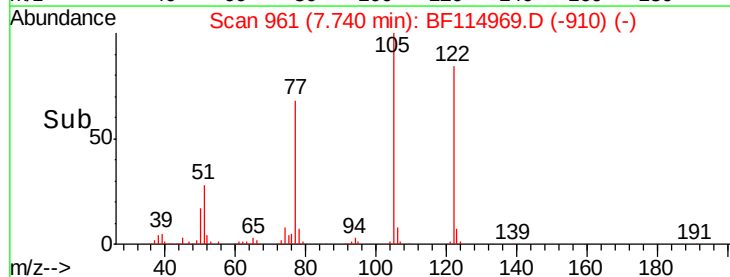
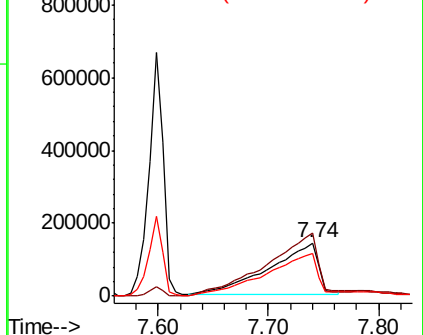


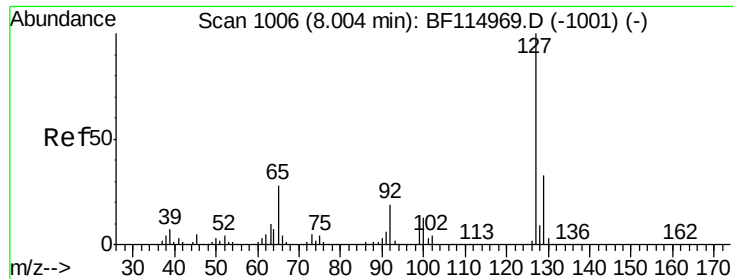
#32
Benzoic acid
Concen: 38.742 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Tgt Ion:122 Resp: 440795
Ion Ratio Lower Upper
122 100
105 118.6 98.6 138.6
77 80.9 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

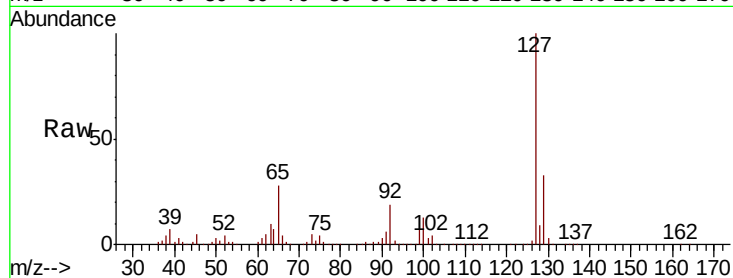




#33
4-Chloroaniline
Concen: 41.430 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	996927
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	27.9	22.3	33.5
92	19.1	15.3	22.9



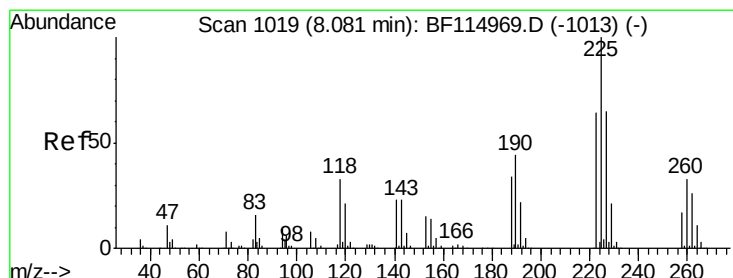
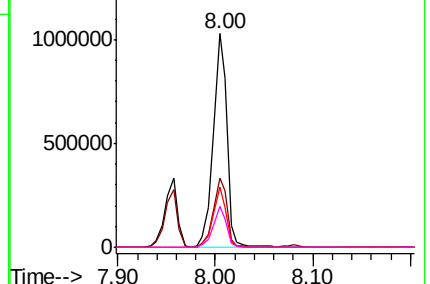
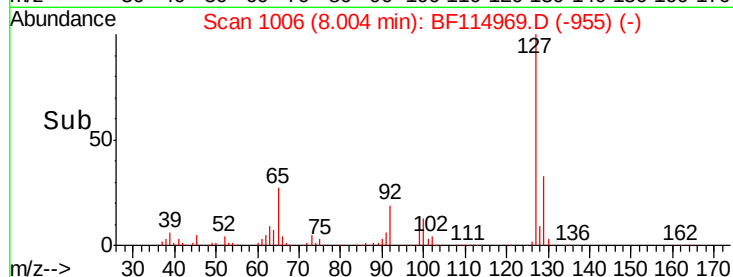
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

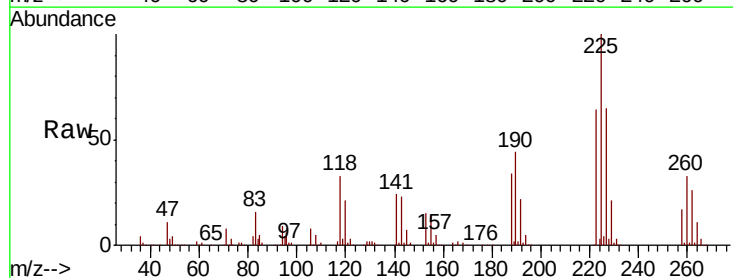
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.634 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Tgt Ion:	225	Resp:	417216
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.0	76.6
227	64.6	51.7	77.5

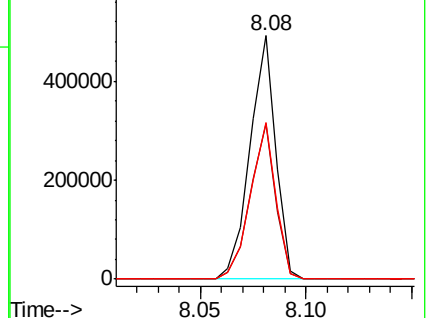
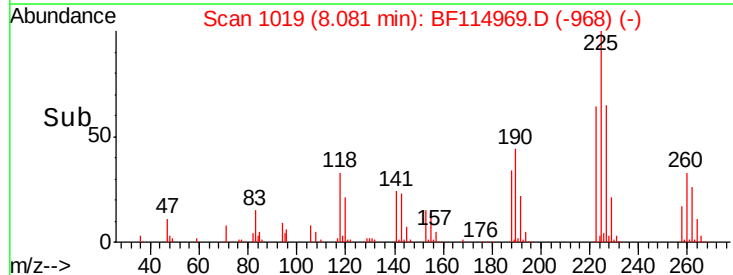


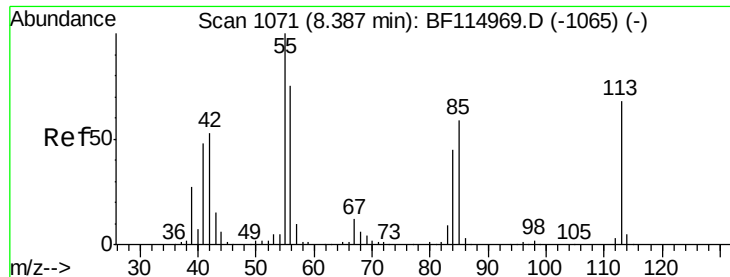
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

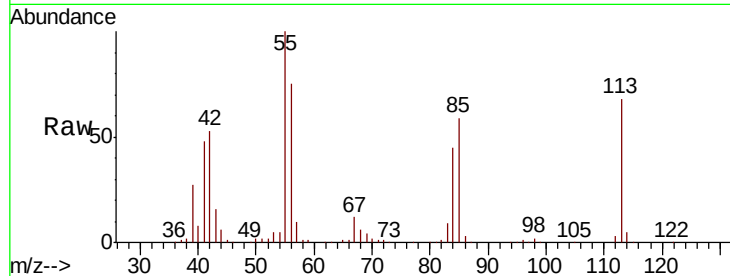




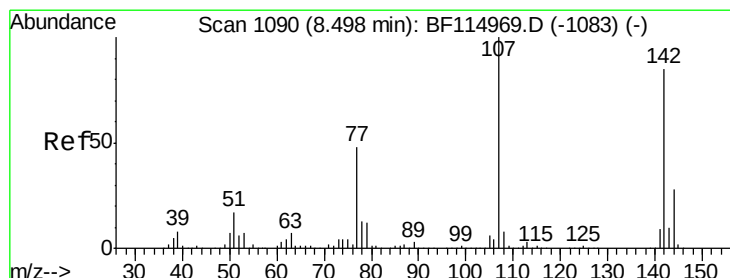
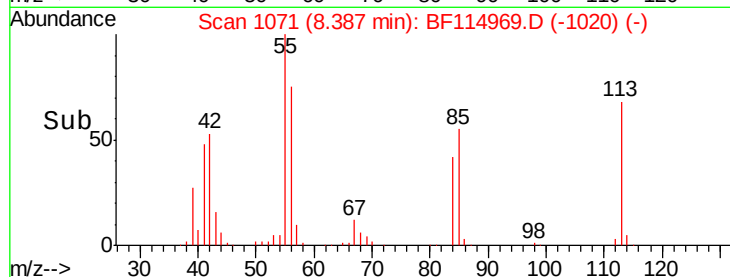
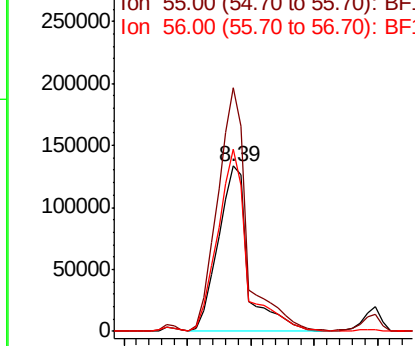
#35
Caprolactam
Concen: 40.553 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 217904
Ion Ratio Lower Upper
113 100
55 147.3 127.3 167.3
56 110.6 90.6 130.6

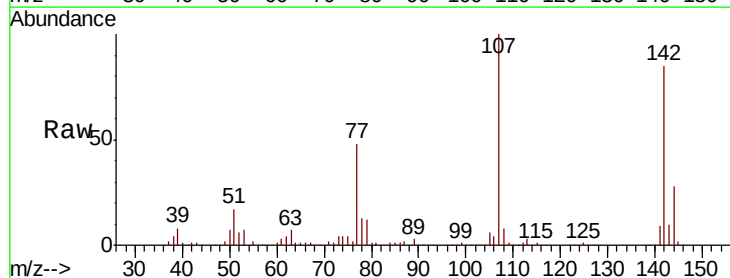


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

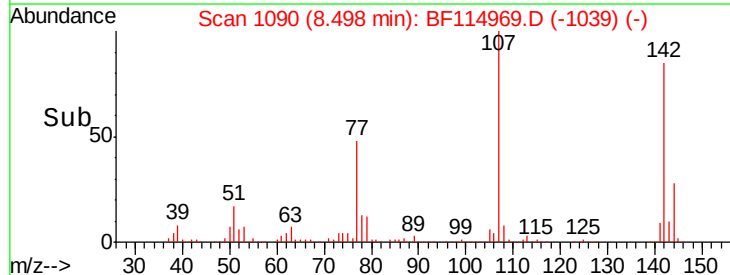
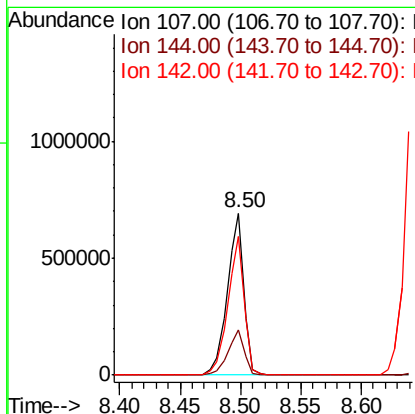


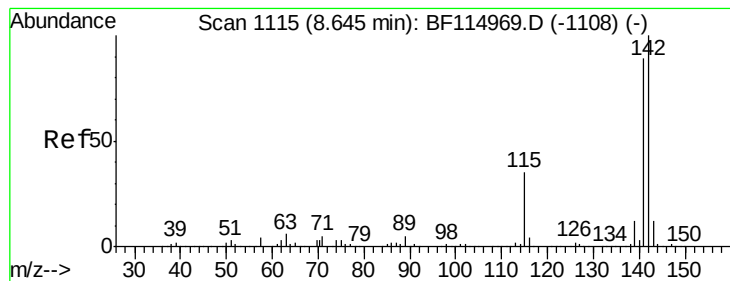
#36
4-Chloro-3-methylphenol
Concen: 40.633 ng
RT: 8.50 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Tgt Ion:107 Resp: 658320
Ion Ratio Lower Upper
107 100
144 27.5 22.0 33.0
142 85.3 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: 40.690 ng

RT: 8.65 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

Instrument :

BNA_F

ClientSampleId :

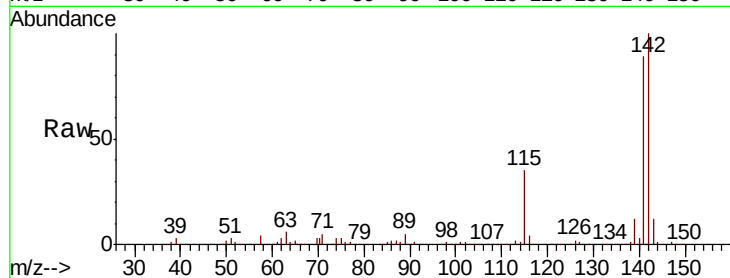
Tot Ion:142 Resp: 1409919

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.6

115 34.9 27.9 41.9

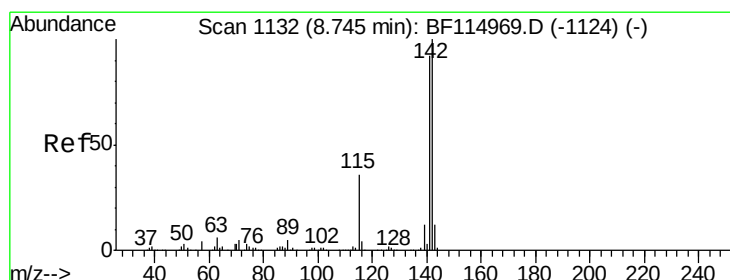
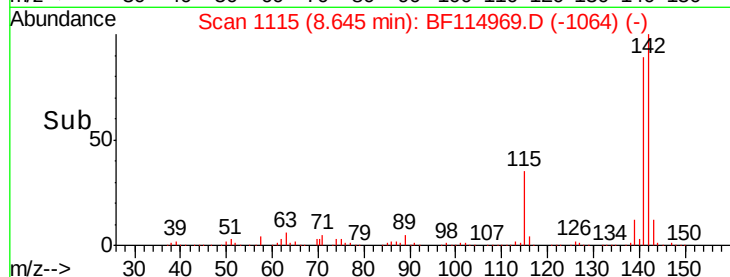
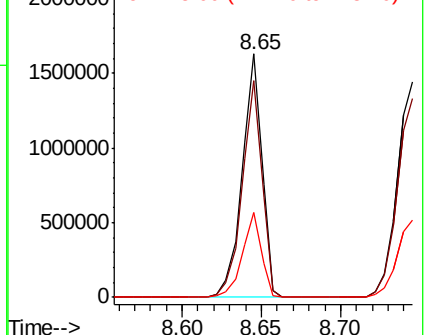


Abundance

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: 40.984 ng

RT: 8.75 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

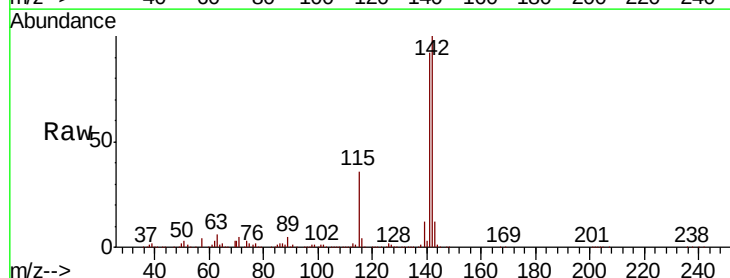
Tgt Ion:142 Resp: 1343095

Ion Ratio Lower Upper

142 100

141 92.3 73.8 110.8

116 3.6 2.9 4.3

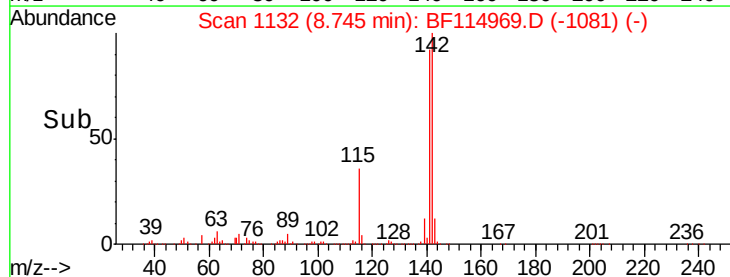
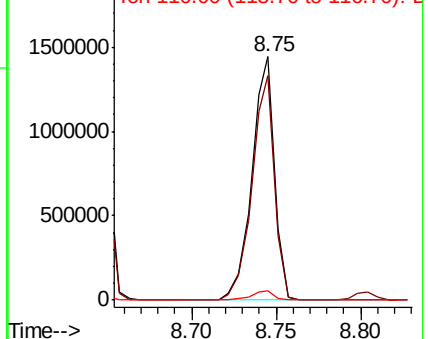


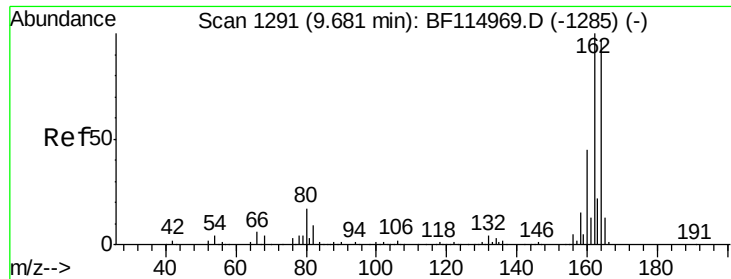
Abundance

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

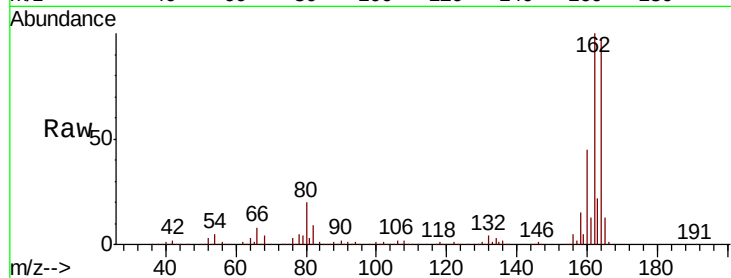




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	124.0
160	46.1	36.9	55.3

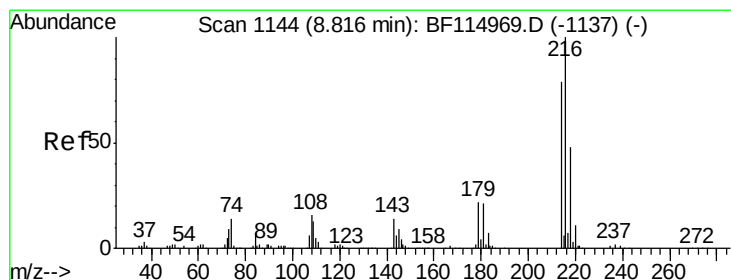
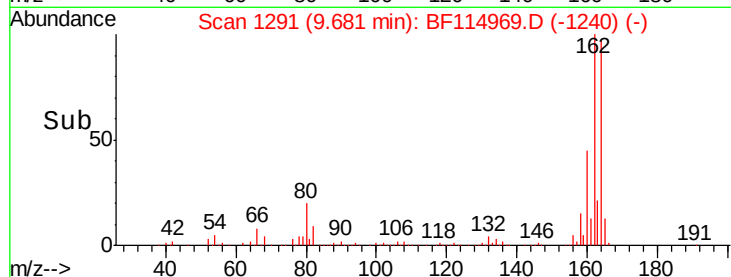
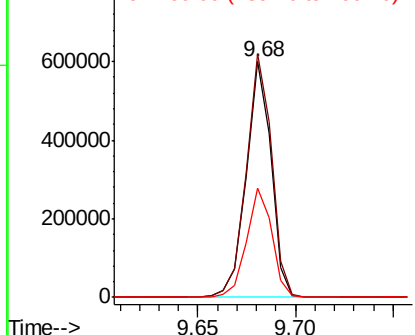


Abundance

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: 42.684 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.7	95.5
179	22.8	18.2	27.4
108	18.8	15.0	22.6

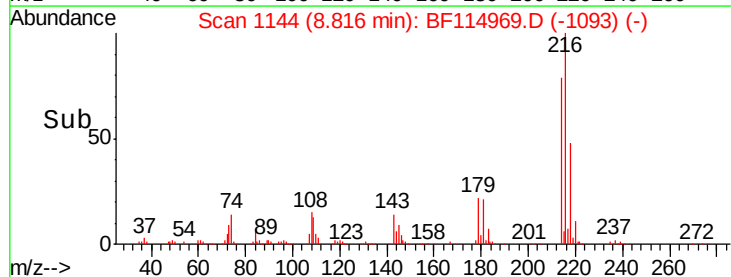
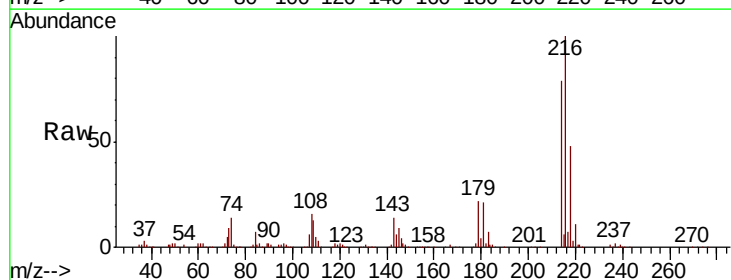
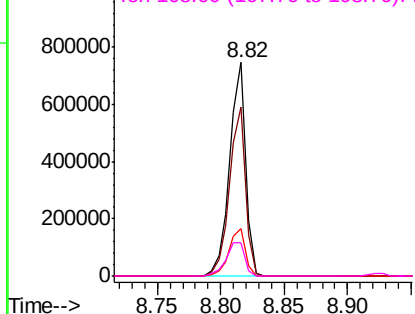
Abundance

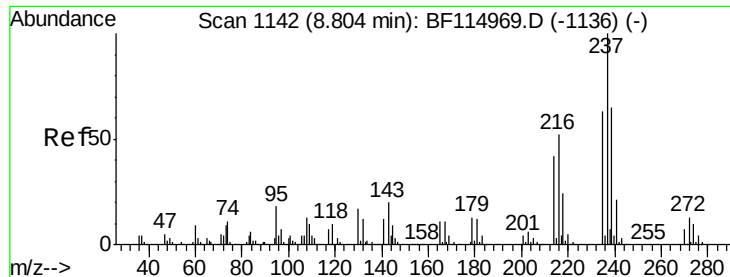
Ion 216.00 (215.70 to 216.70): E

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: 38.777 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

Instrument :

BNA_F

ClientSampled :

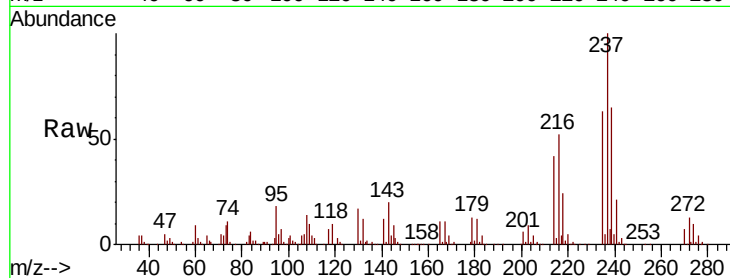
Tot Ion:237 Resp: 335347

Ion Ratio Lower Upper

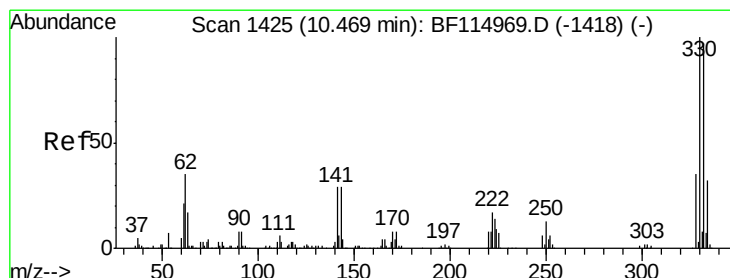
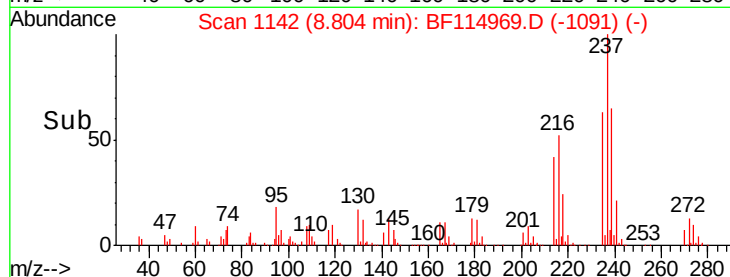
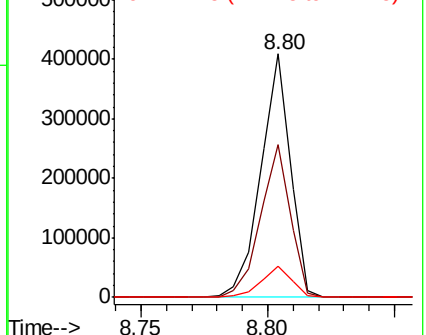
237 100

235 62.7 42.7 82.7

272 12.7 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: 80.496 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

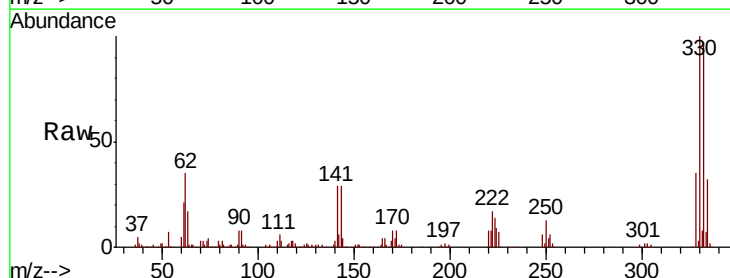
Tgt Ion:330 Resp: 463356

Ion Ratio Lower Upper

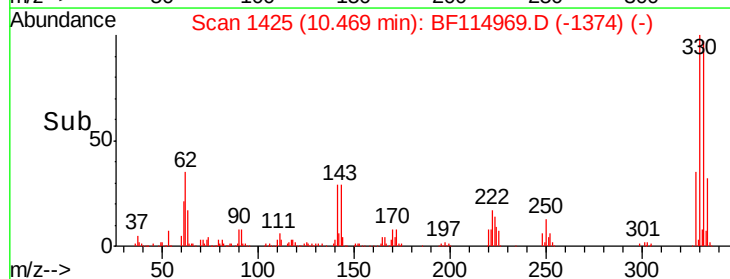
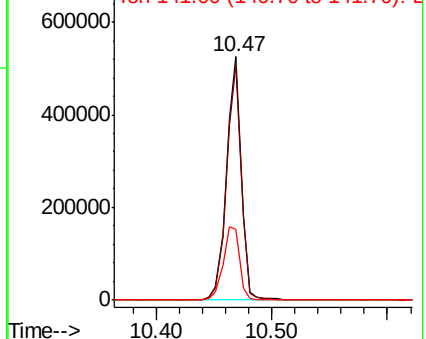
330 100

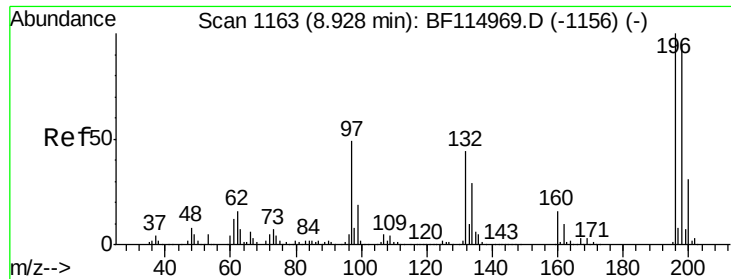
332 97.0 77.6 116.4

141 34.0 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

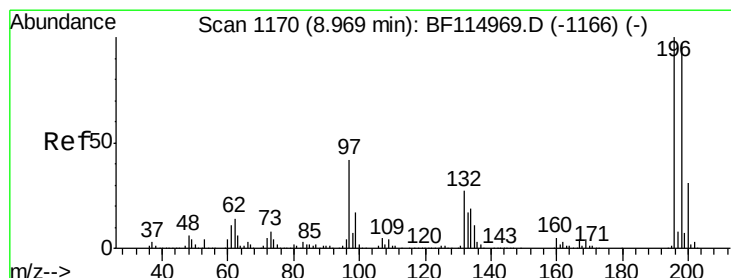
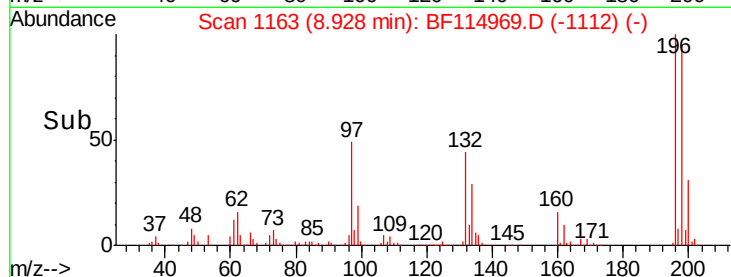
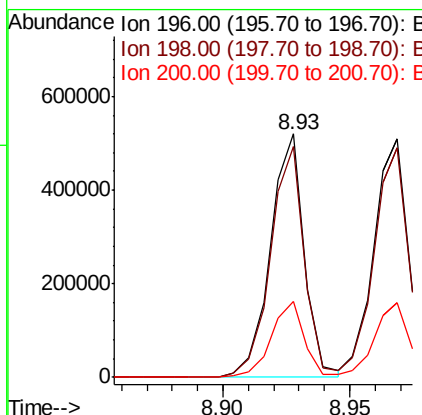
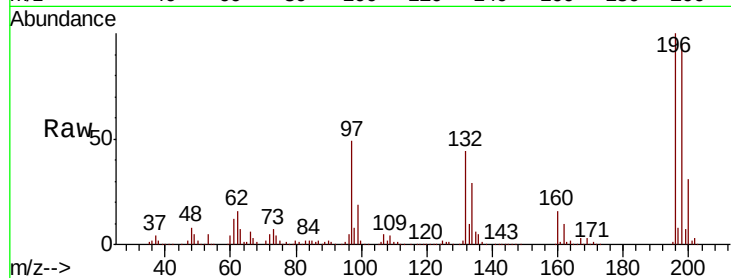




#43
 2,4,6-Trichlorophenol
 Concen: 42.113 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF114969.D
 Acq: 12 Jun 2019 11:16

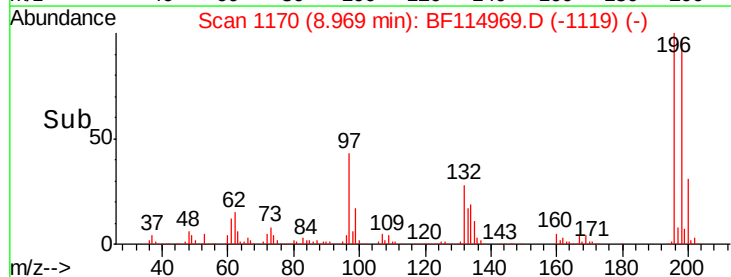
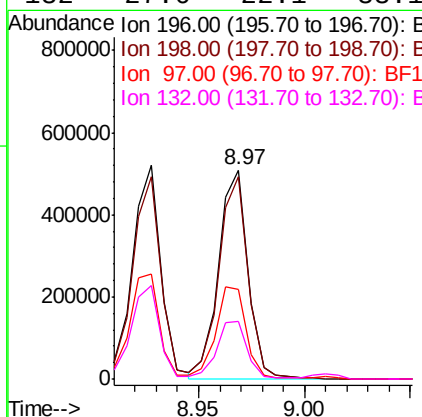
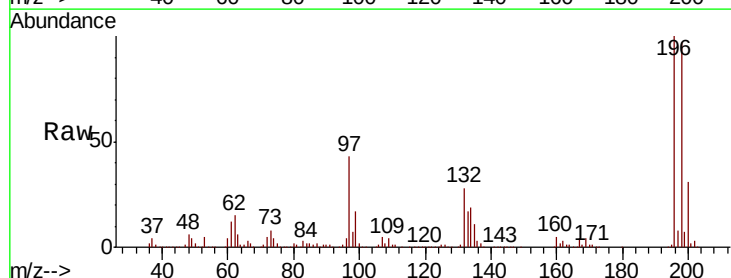
Instrument :
 BNA_F
 ClientSampleId :

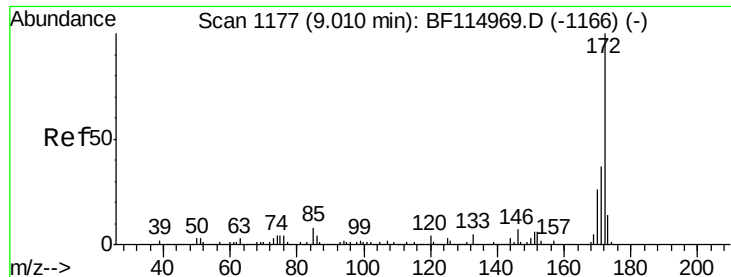
Tot Ion:196 Resp: 486523
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.8 113.8
 200 31.1 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.968 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF114969.D
 Acq: 12 Jun 2019 11:16

Tgt Ion:196 Resp: 488010
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.3 115.9
 97 42.8 34.2 51.4
 132 27.6 22.1 33.1

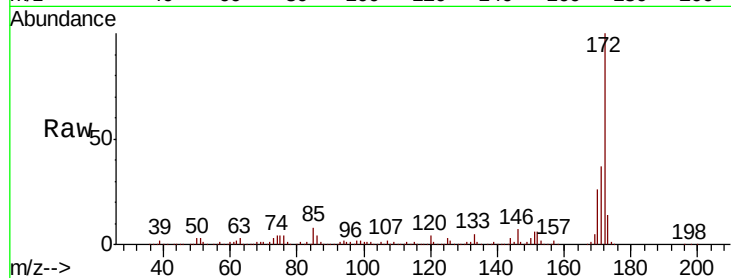




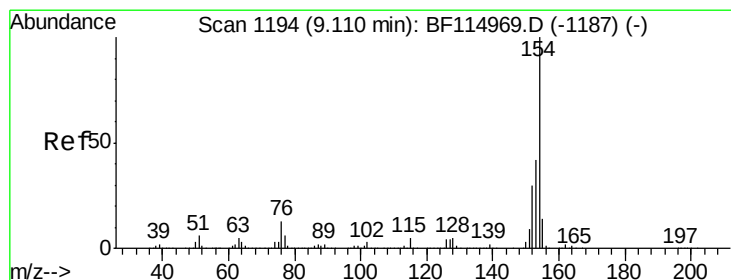
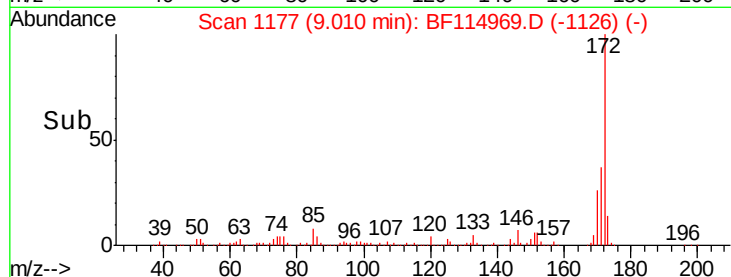
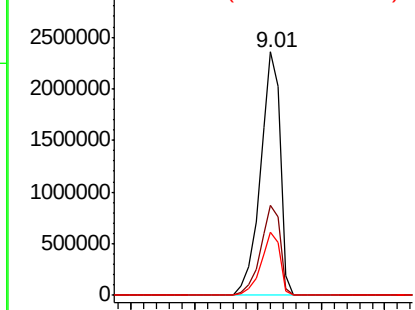
#45
2-Fluorobiphenyl
Concen: 77.352 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2579097
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 25.8 20.6 31.0

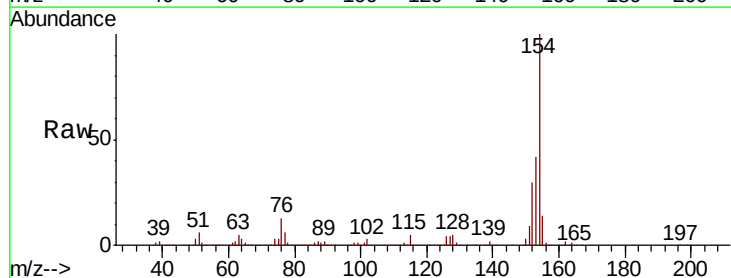


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

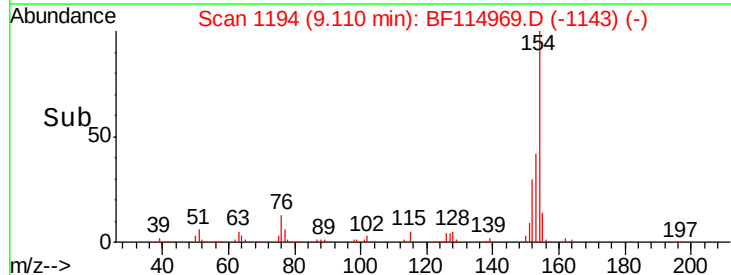
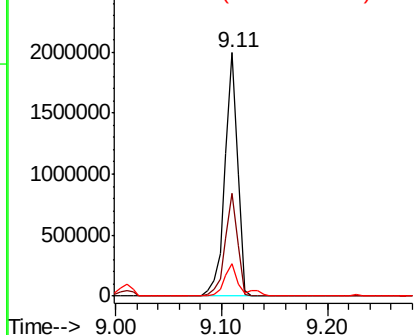


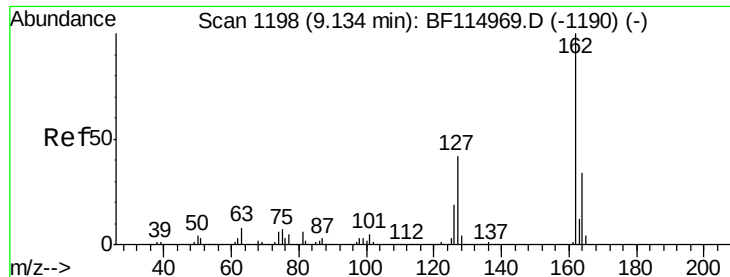
#46
1,1'-Biphenyl
Concen: 42.429 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Tgt Ion:154 Resp: 1679690
Ion Ratio Lower Upper
154 100
153 42.4 22.4 62.4
76 13.3 0.0 33.3



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





#47

2-Chloronaphthalene

Concen: 42.337 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

Instrument :

BNA_F

ClientSampleId :

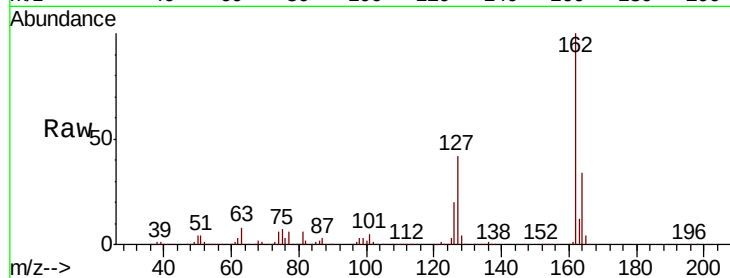
Tot Ion:162 Resp: 1414892

Ion Ratio Lower Upper

162 100

127 41.8 33.4 50.2

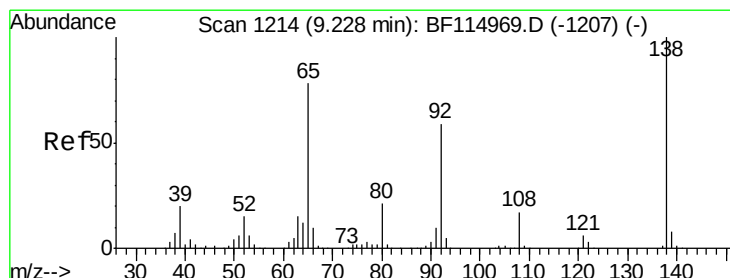
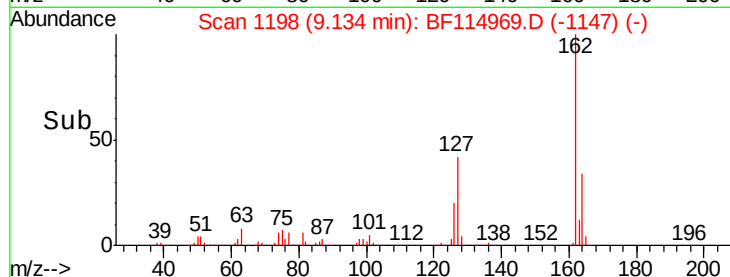
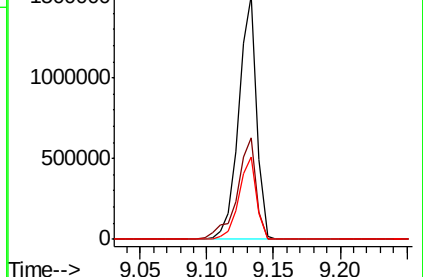
164 34.0 27.2 40.8



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: 41.621 ng

RT: 9.23 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

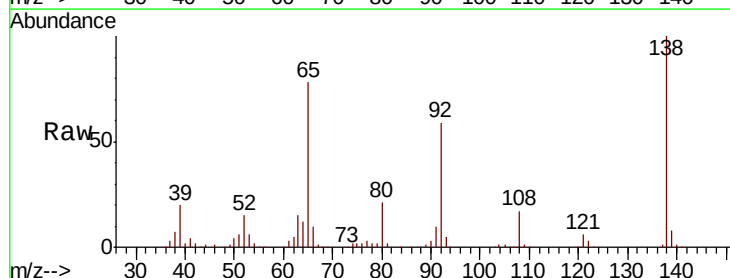
Tgt Ion: 65 Resp: 423392

Ion Ratio Lower Upper

65 100

92 75.6 60.5 90.7

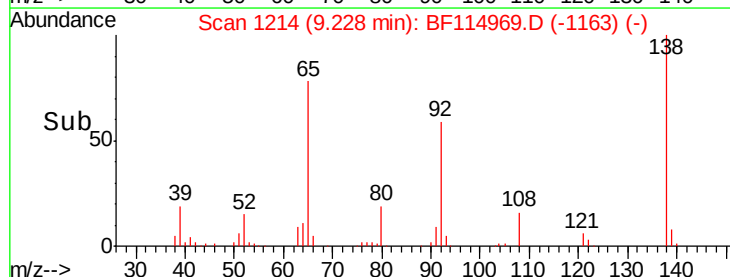
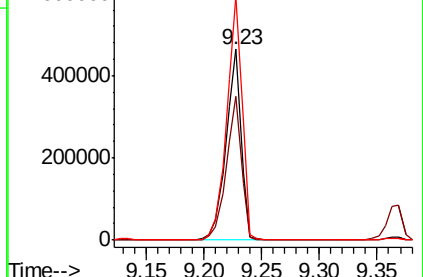
138 127.5 102.0 153.0

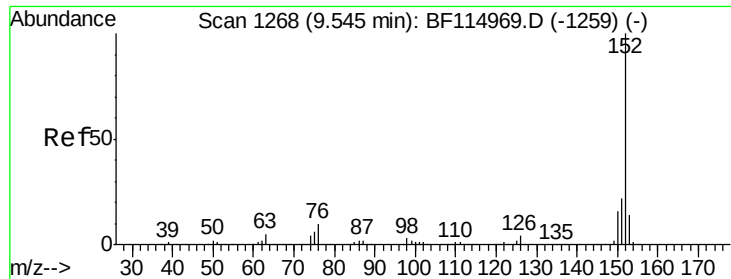


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.673 ng

RT: 9.55 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

Instrument :

BNA_F

ClientSampleId :

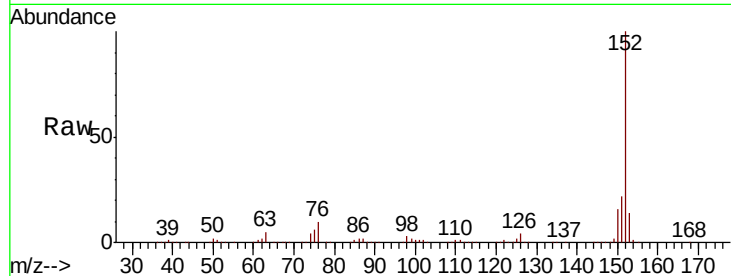
Tot Ion:152 Resp: 2101549

Ion Ratio Lower Upper

152 100

151 21.9 17.5 26.3

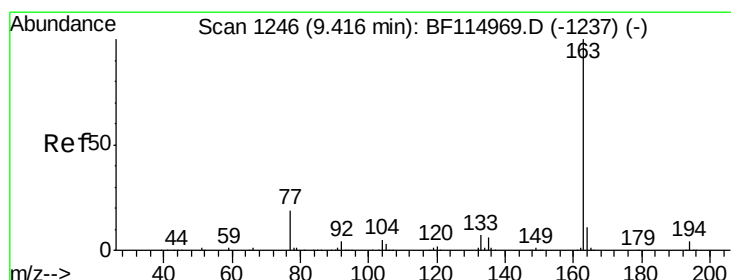
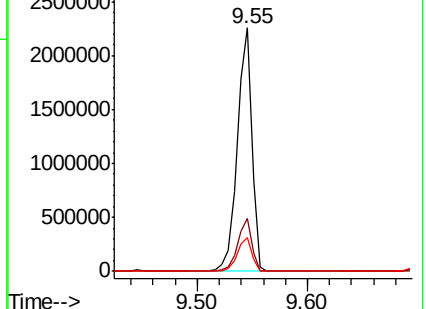
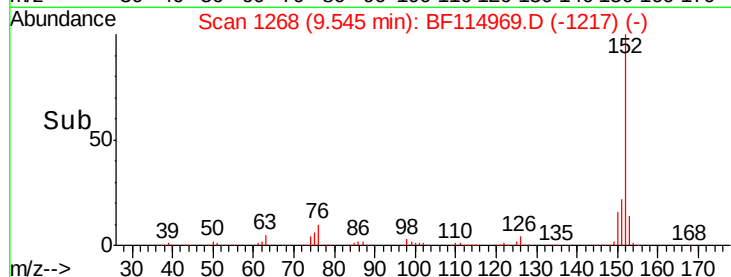
153 14.0 11.2 16.8



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: 40.696 ng

RT: 9.42 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

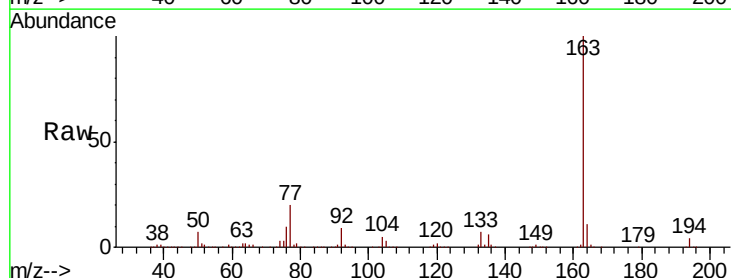
Tgt Ion:163 Resp: 1618526

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

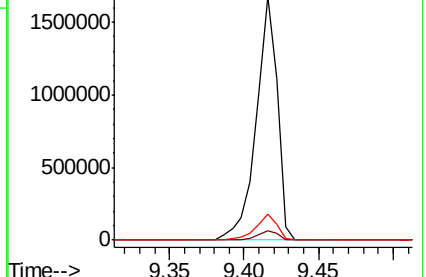
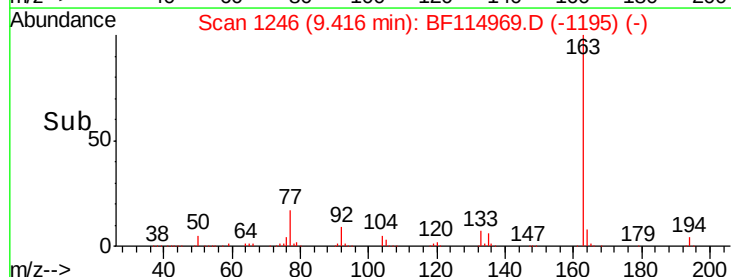
164 10.7 8.6 12.8

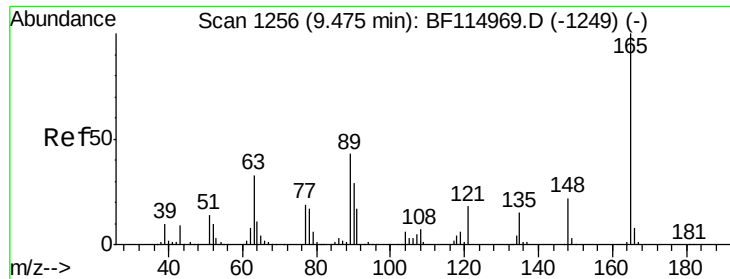


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.210 ng

RT: 9.47 min Scan# 1256

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

Instrument :

BNA_F

ClientSampled :

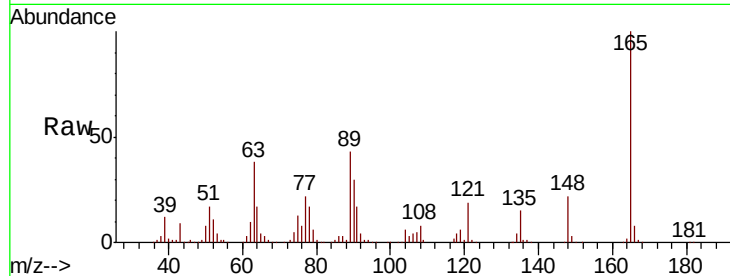
Tot Ion:165 Resp: 376445

Ion Ratio Lower Upper

165 100

63 38.3 30.6 46.0

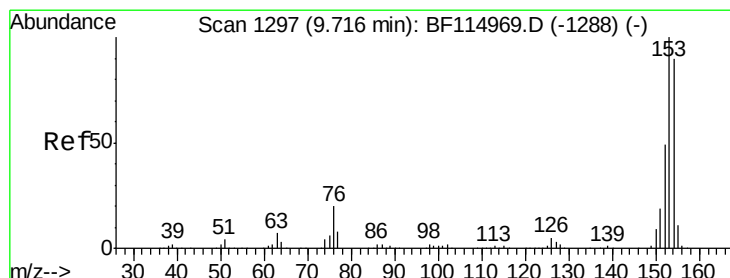
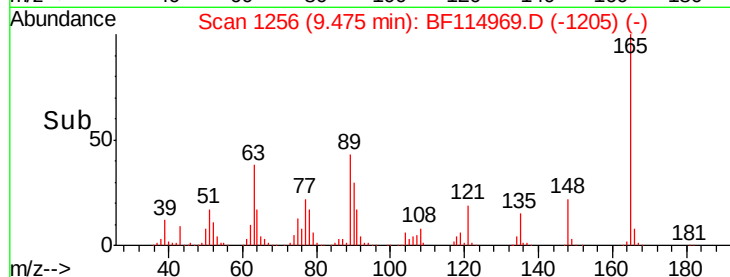
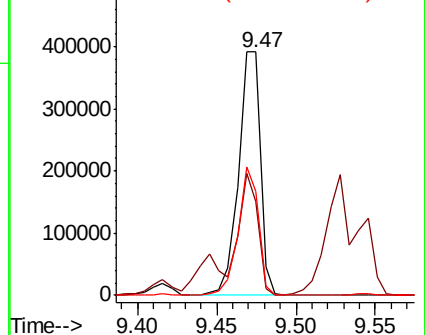
89 43.0 34.4 51.6



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: 41.503 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

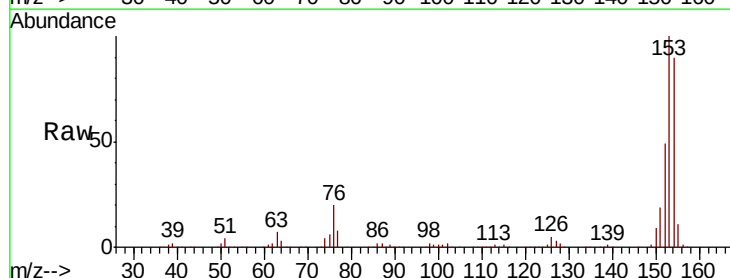
Tgt Ion:154 Resp: 1238259

Ion Ratio Lower Upper

154 100

153 110.6 88.5 132.7

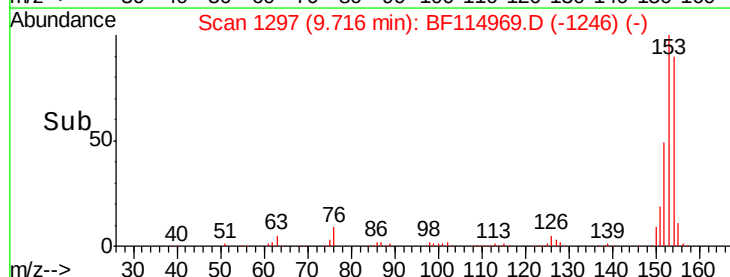
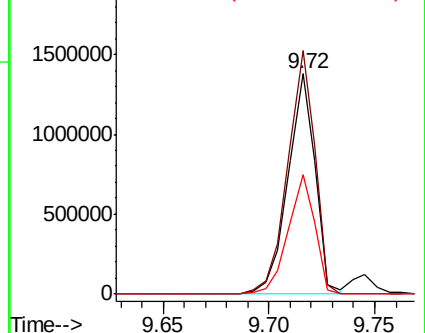
152 54.5 43.6 65.4

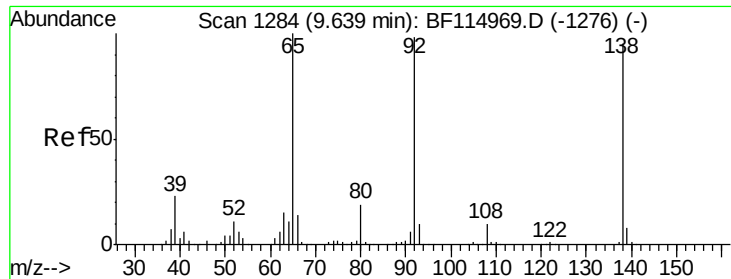


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

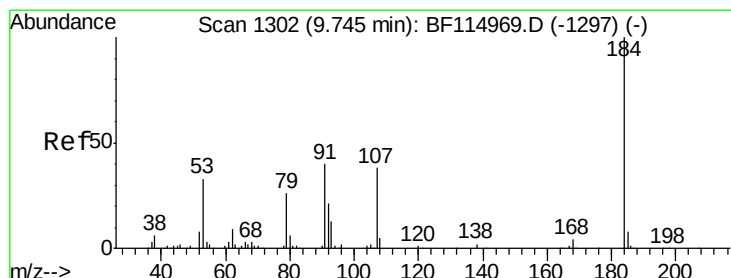
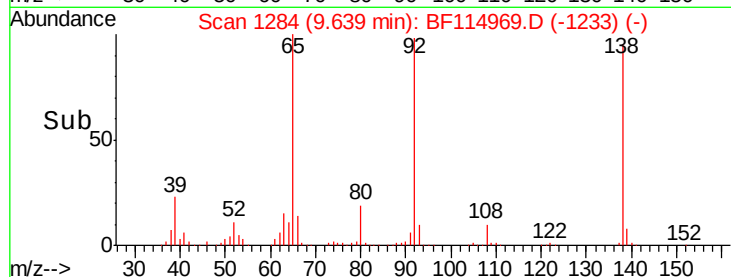
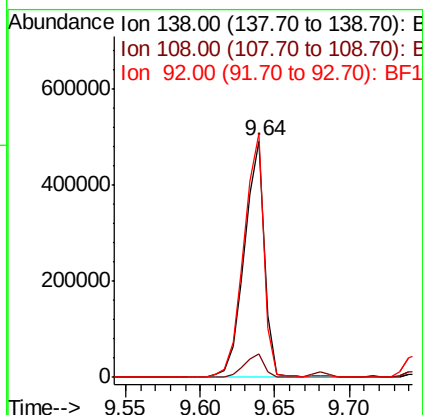
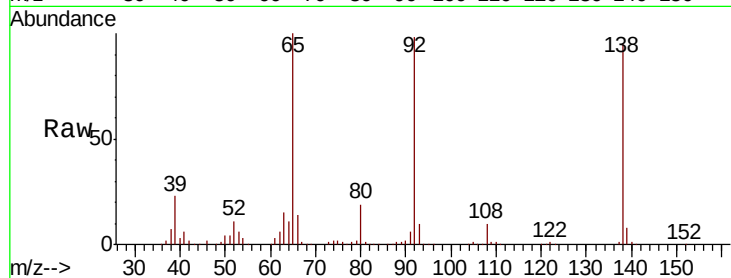




#53
3-Nitroaniline
Concen: 41.840 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

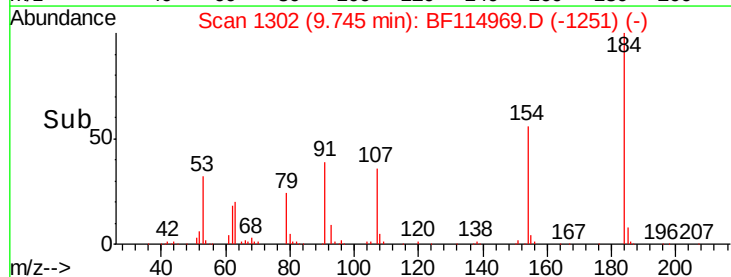
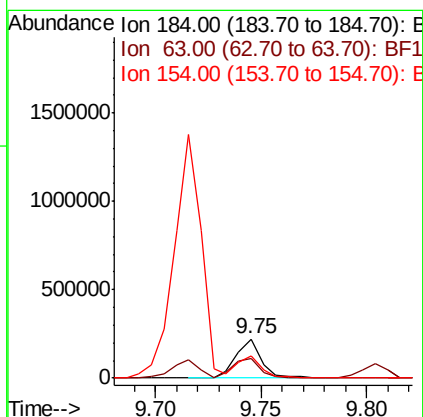
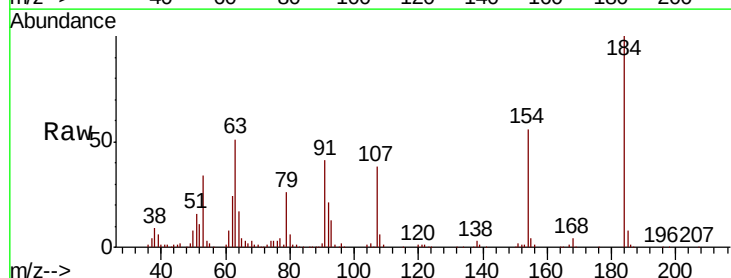
Instrument :
BNA_F
ClientSampleId :

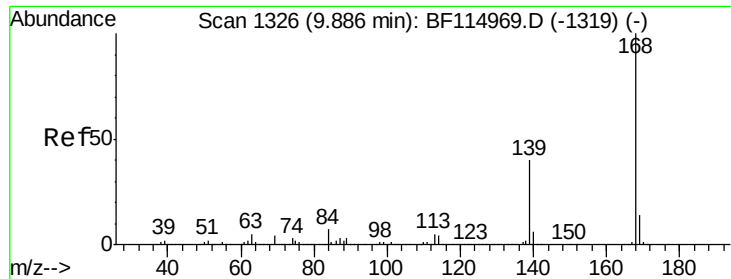
Tot Ion:138 Resp: 458960
Ion Ratio Lower Upper
138 100
108 10.0 8.0 12.0
92 103.0 82.4 123.6



#54
2,4-Dinitrophenol
Concen: 41.553 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Tgt Ion:184 Resp: 187870
Ion Ratio Lower Upper
184 100
63 50.6 40.5 60.7
154 56.0 44.8 67.2

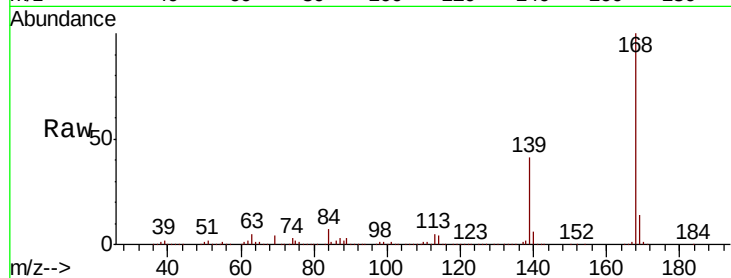




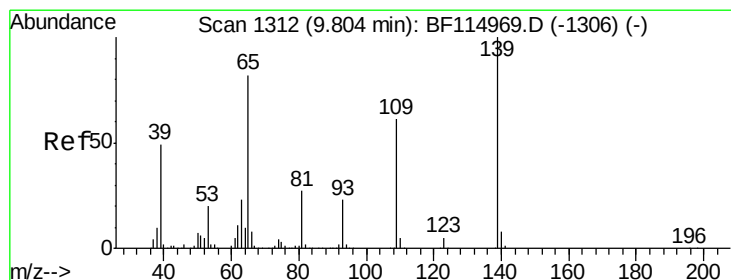
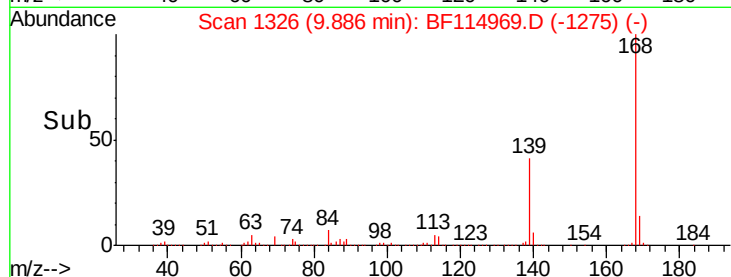
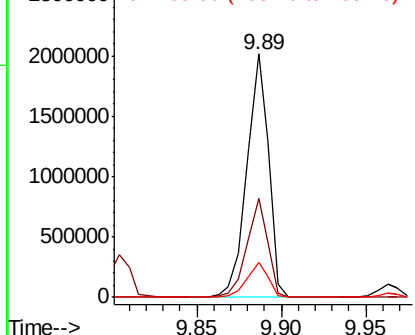
#55
 Dibenzofuran
 Concen: 42.626 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF114969.D
 Acq: 12 Jun 2019 11:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:168 Resp: 1815417
 Ion Ratio Lower Upper
 168 100
 139 40.6 32.5 48.7
 169 14.4 11.5 17.3

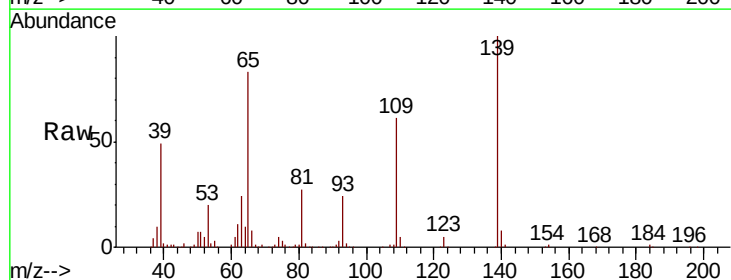


Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

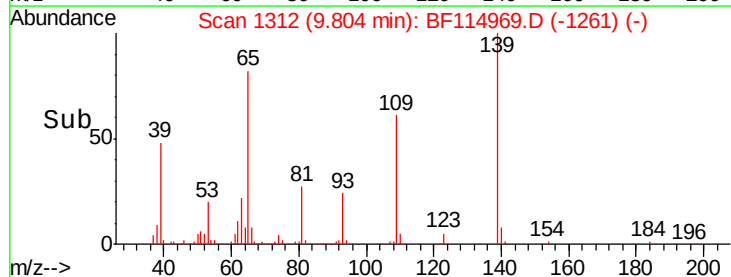
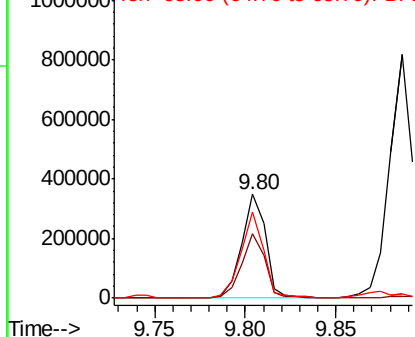


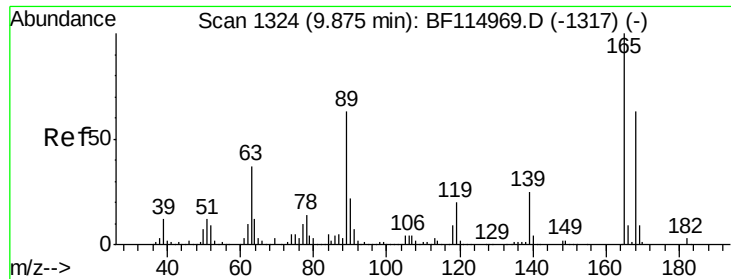
#56
 4-Nitrophenol
 Concen: 41.184 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF114969.D
 Acq: 12 Jun 2019 11:16

Tgt Ion:139 Resp: 321968
 Ion Ratio Lower Upper
 139 100
 109 61.4 41.4 81.4
 65 82.7 62.7 102.7



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

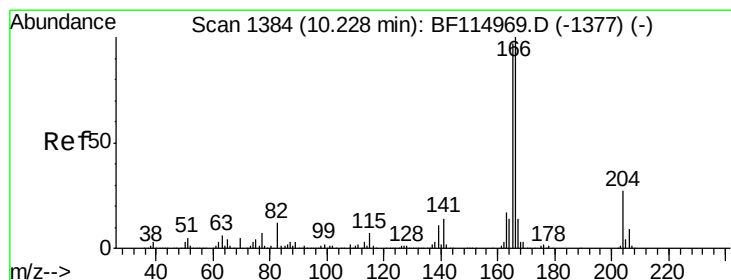
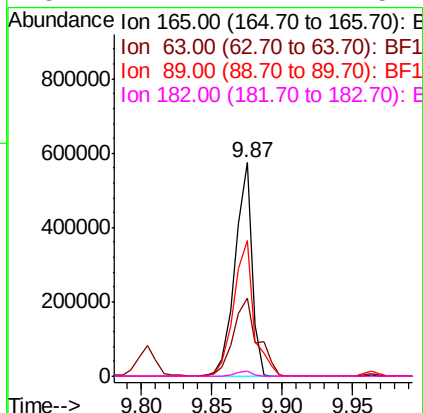
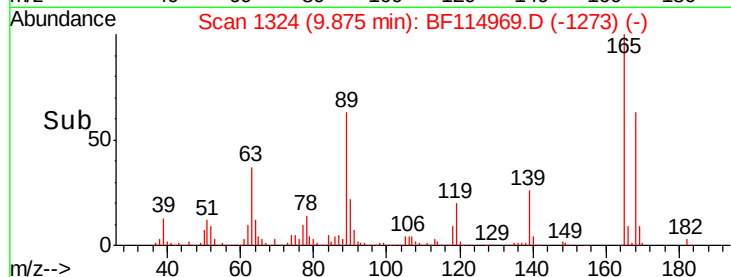
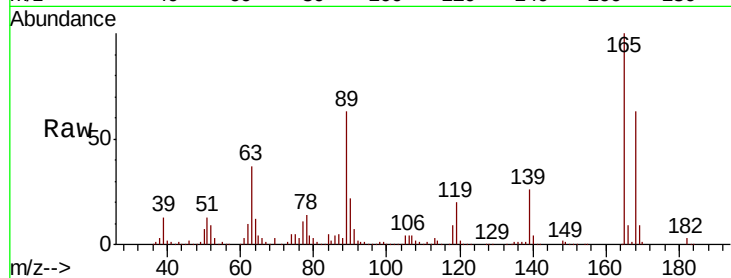




#57
2,4-Dinitrotoluene
Concen: 41.727 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

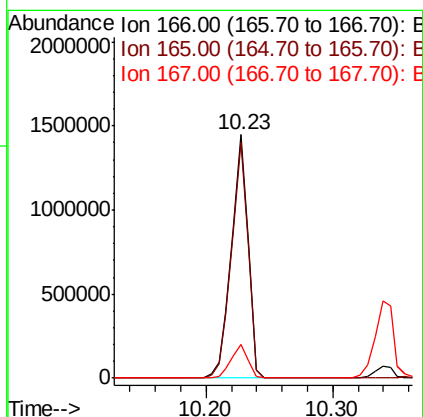
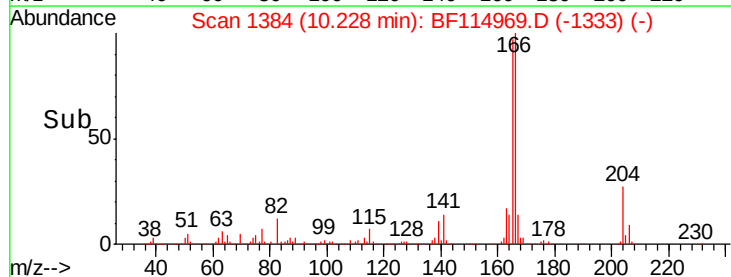
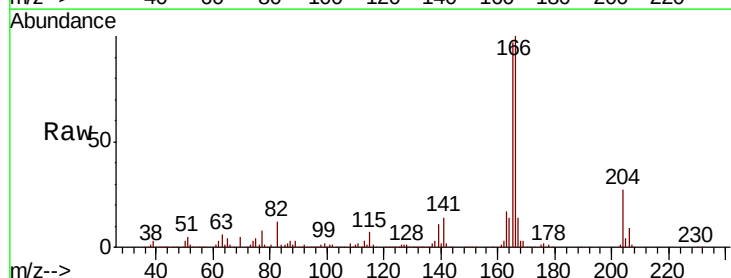
Instrument :
BNA_F
ClientSampleId :

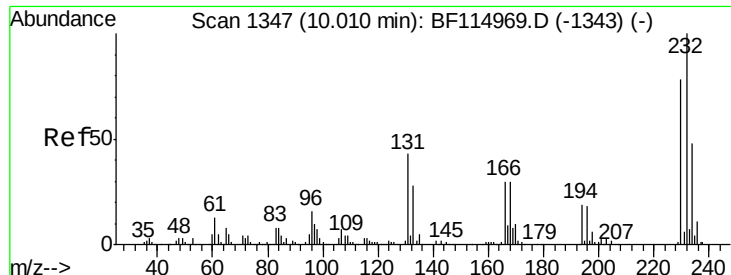
Tot Ion	Ratio	Lower	Upper
165	100		
63	36.8	29.4	44.2
89	63.2	50.6	75.8
182	2.7	2.2	3.2



#58
Fluorene
Concen: 39.907 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.6	116.4
167	13.7	11.0	16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.916 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 394019

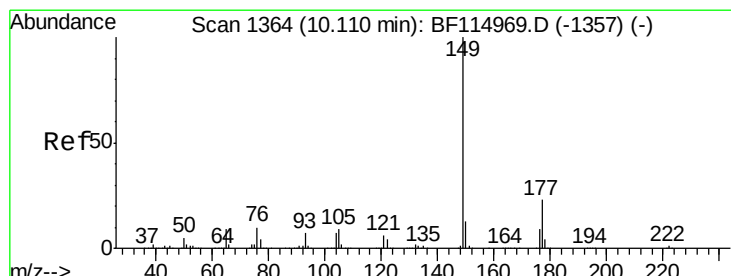
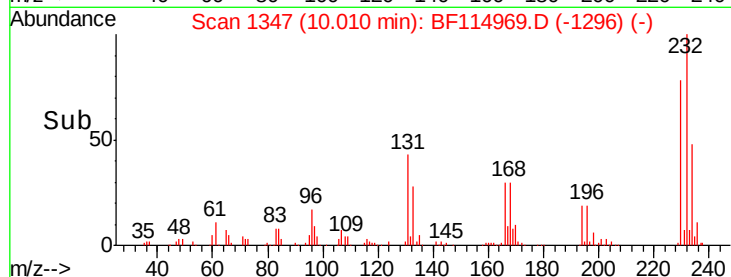
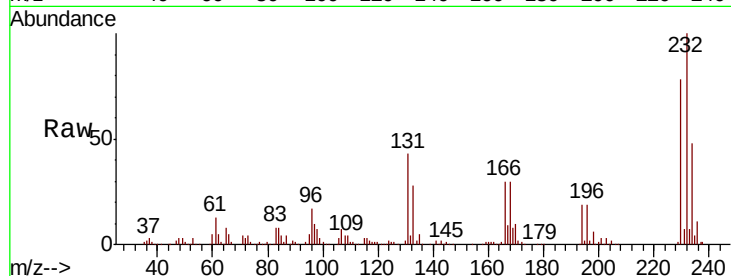
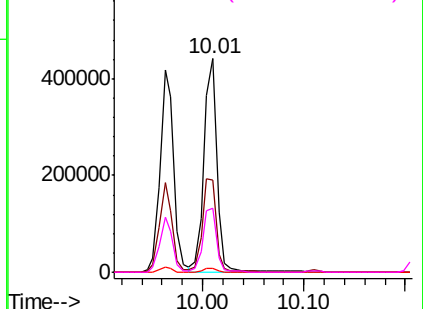
Ion	Ratio	Lower	Upper
232	100		
131	46.1	36.9	55.3
130	2.2	1.8	2.6
166	31.0	24.8	37.2

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: 39.961 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

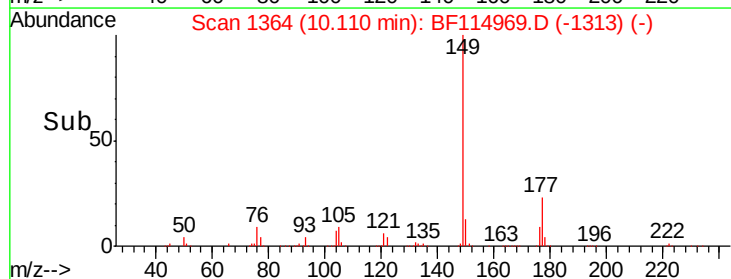
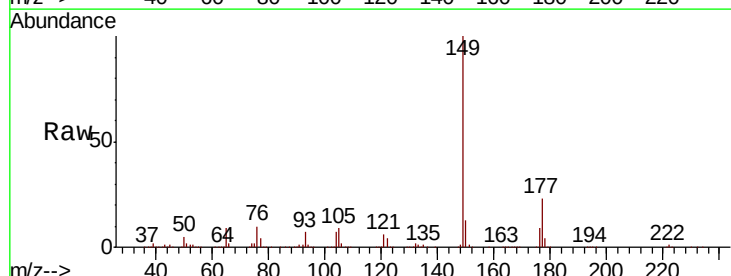
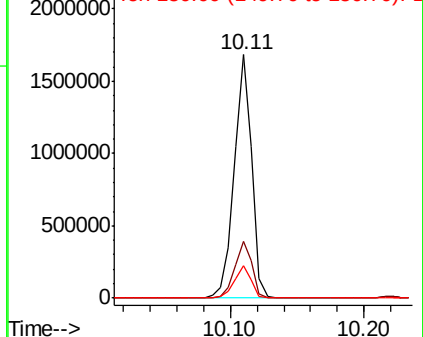
Tgt Ion:149 Resp: 1544694

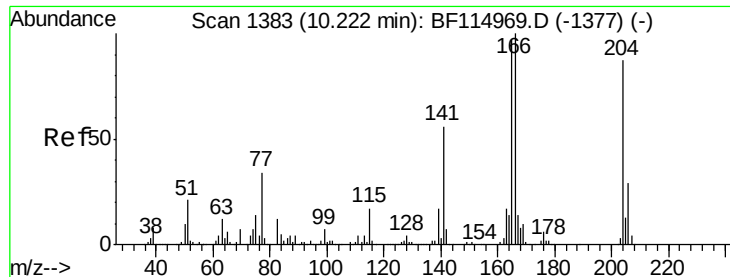
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.6	27.8
150	13.1	10.5	15.7

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

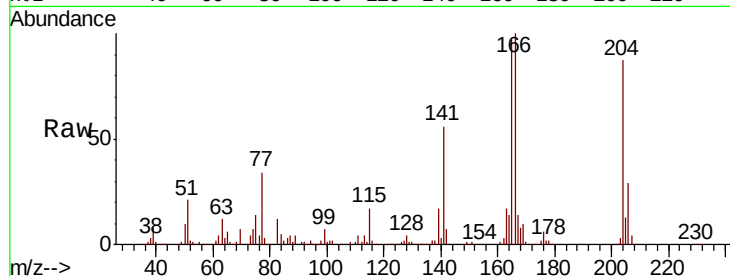




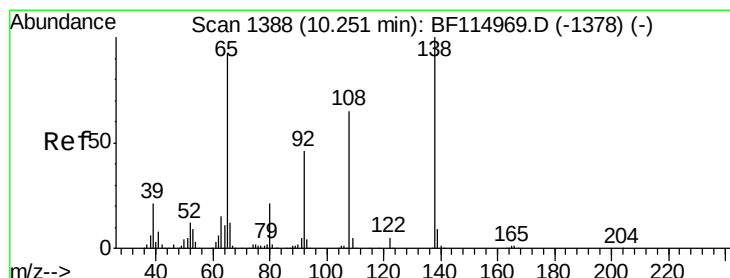
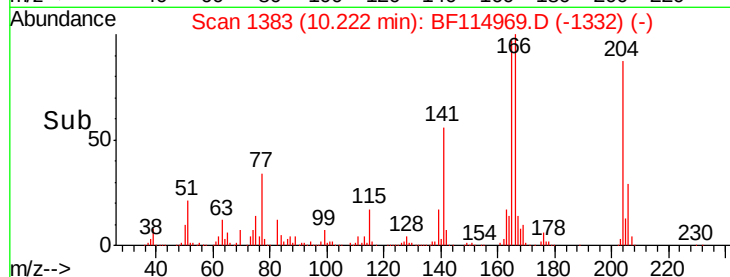
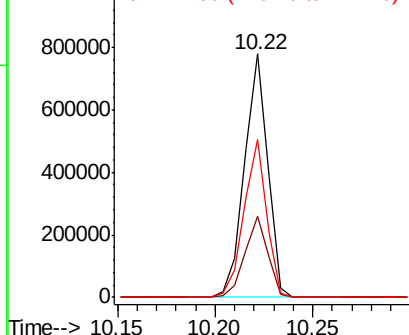
#61
 4-Chlorophenyl-phenylether
 Concen: 39.051 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF114969.D
 Acq: 12 Jun 2019 11:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	64.8	51.8	77.8

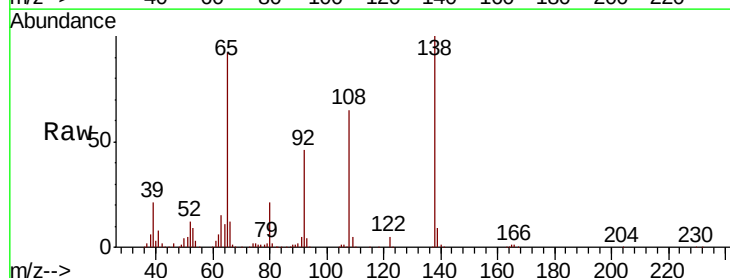


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

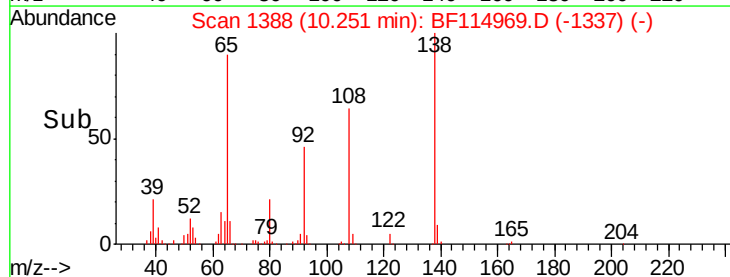
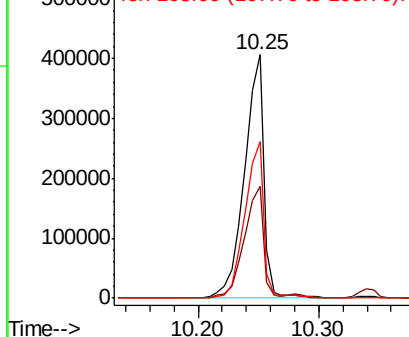


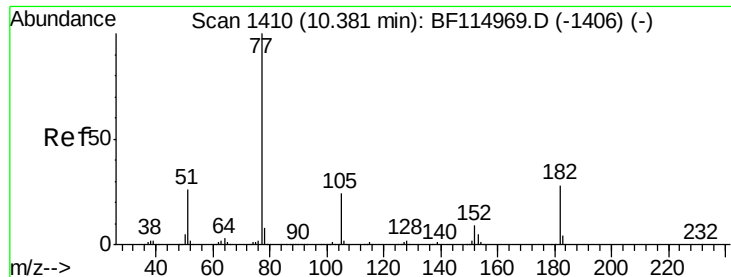
#62
 4-Nitroaniline
 Concen: 40.794 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BF114969.D
 Acq: 12 Jun 2019 11:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.7	25.7	65.7
108	64.6	44.6	84.6



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





#63

Azobenzene

Concen: 41.081 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1382165

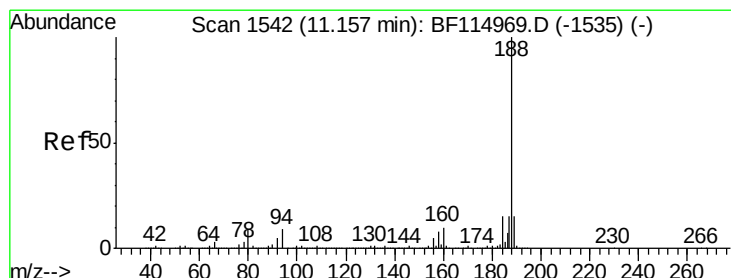
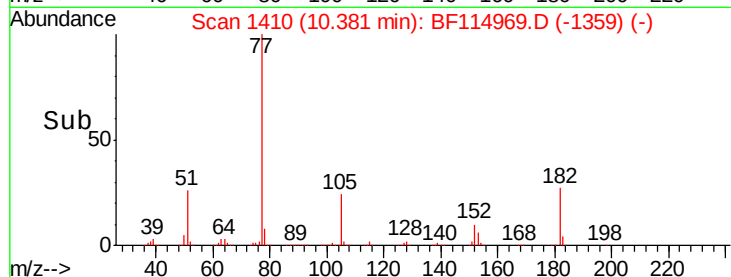
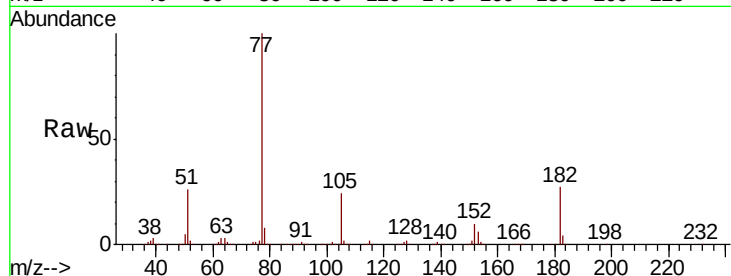
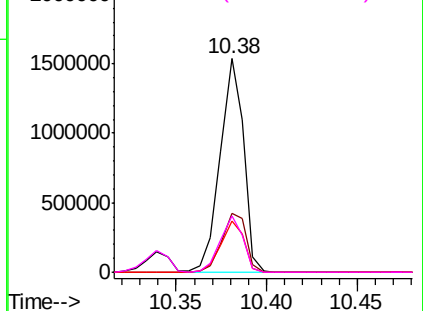
Ion	Ratio	Lower	Upper
77	100		
182	27.4	7.4	47.4
105	24.2	4.2	44.2
51	26.2	6.2	46.2

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

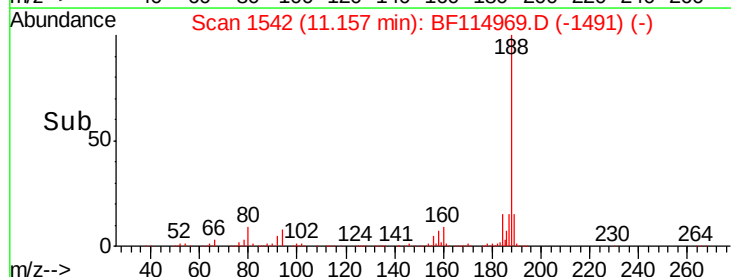
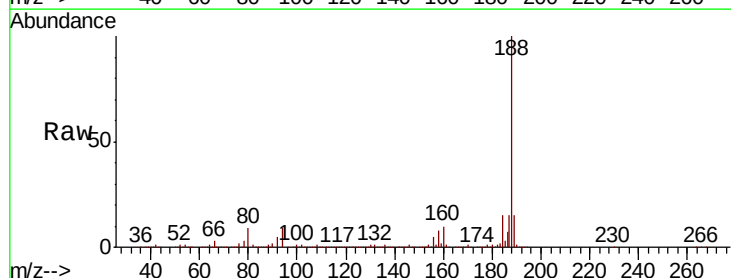
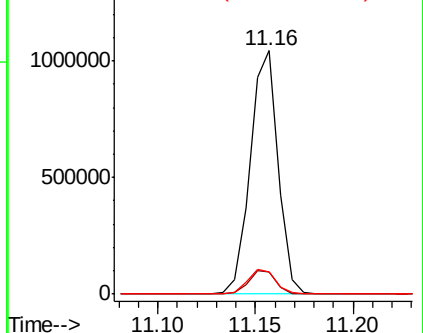
Tgt Ion: 188 Resp: 1028497

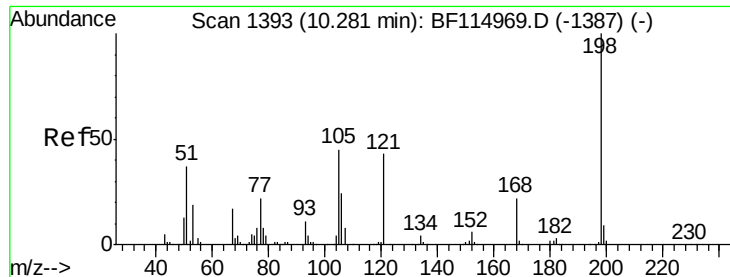
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.3	7.4	11.2

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

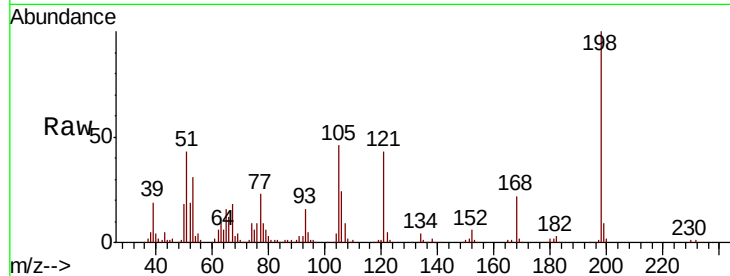




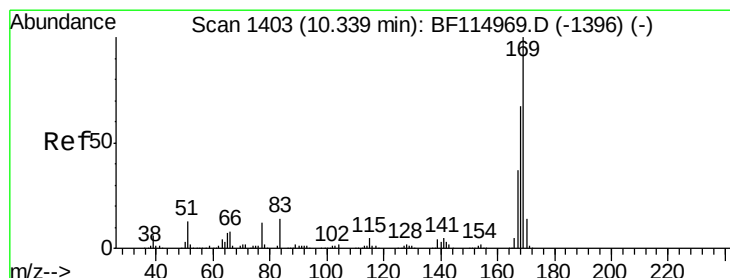
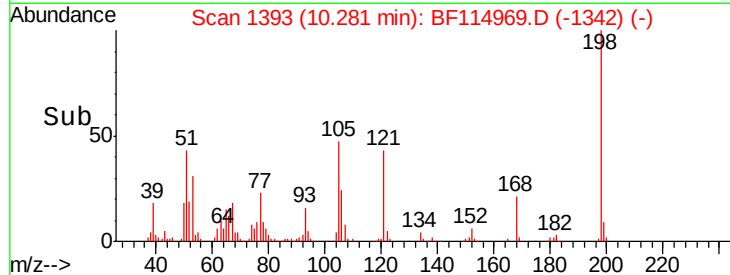
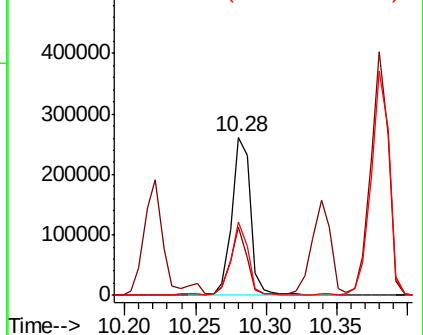
#65
4,6-Dinitro-2-methylphenol
Concen: 42.149 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.0	23.0	63.0
105	46.5	26.5	66.5

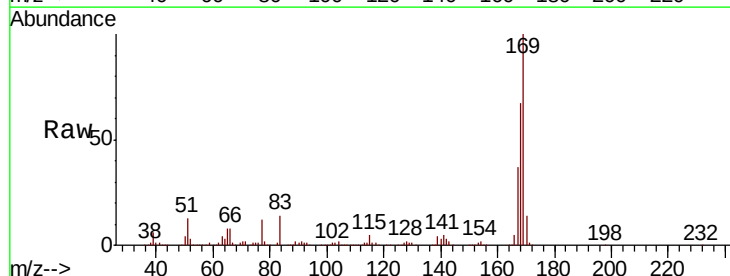


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

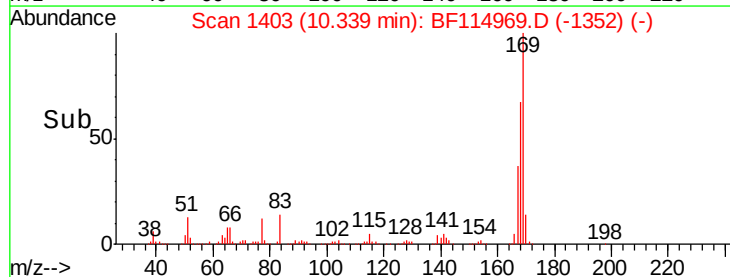
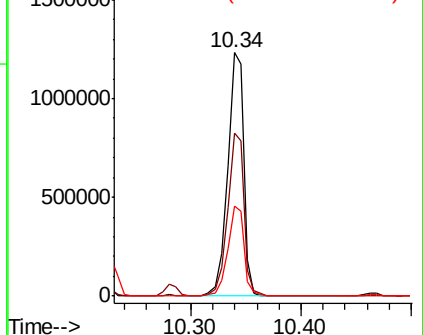


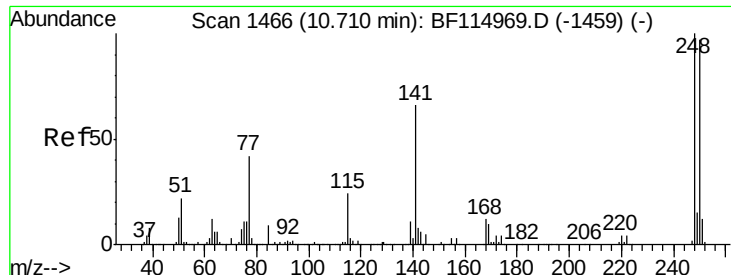
#66
n-Nitrosodiphenylamine
Concen: 41.250 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.6	80.4
167	37.0	29.6	44.4



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

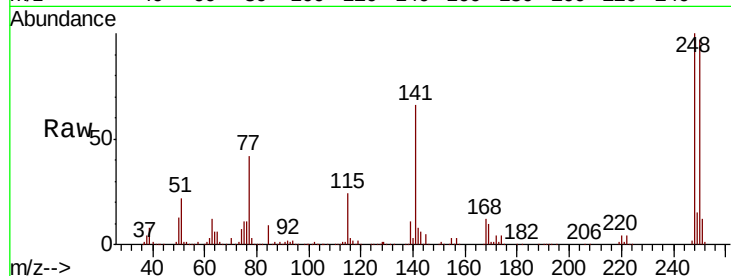




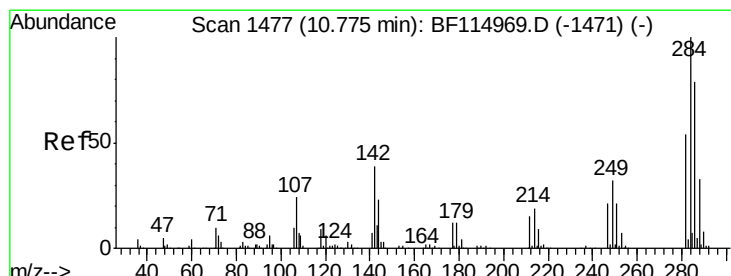
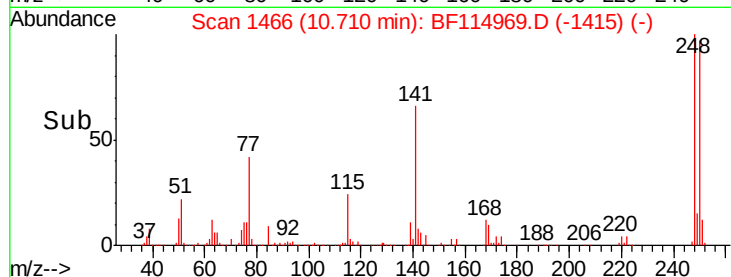
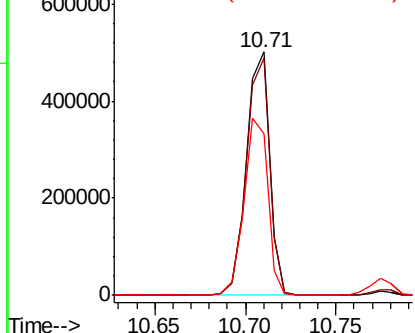
#67
4-Bromophenyl-phenylether
Concen: 40.277 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 448705
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.8
141 66.4 53.1 79.7

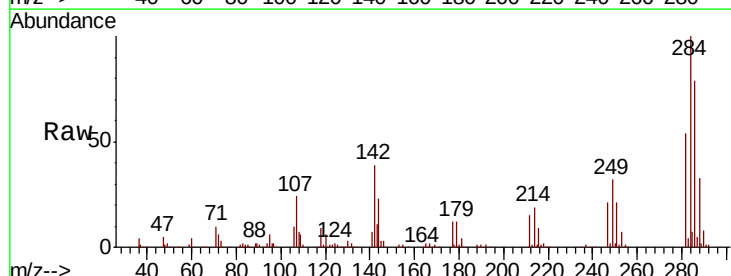


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

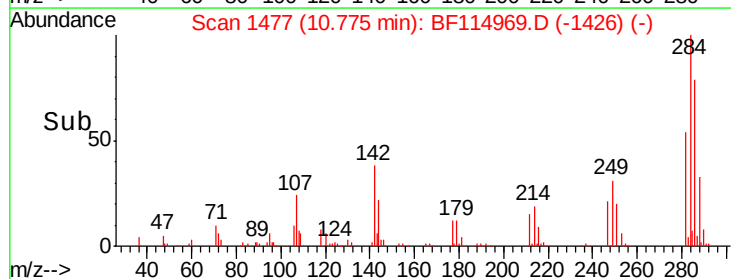
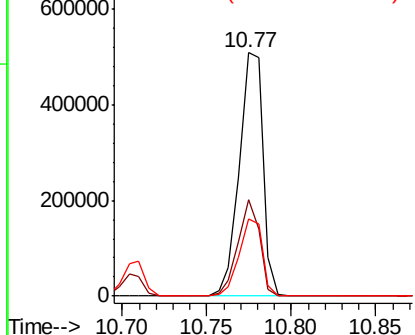


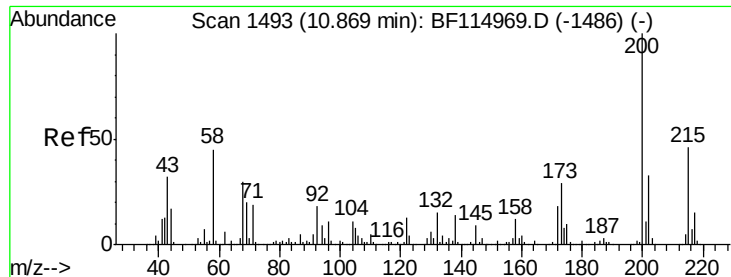
#68
Hexachlorobenzene
Concen: 40.650 ng
RT: 10.77 min Scan# 1477
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Tgt Ion:284 Resp: 500088
Ion Ratio Lower Upper
284 100
142 39.4 31.5 47.3
249 32.0 25.6 38.4



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





#69

Atrazine

Concen: 39.218 ng

RT: 10.87 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

Instrument :

BNA_F

ClientSampleId :

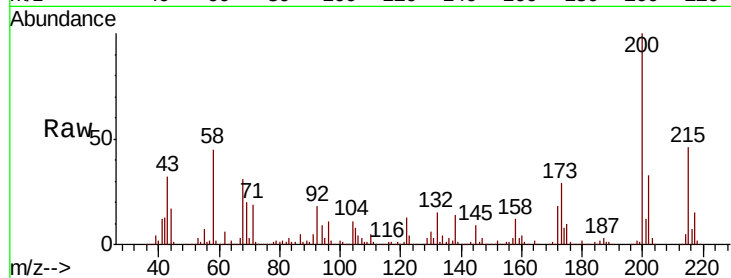
Tot Ion:200 Resp: 403789

Ion Ratio Lower Upper

200 100

173 29.0 9.0 49.0

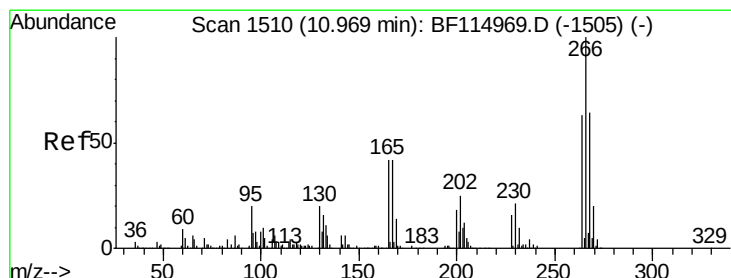
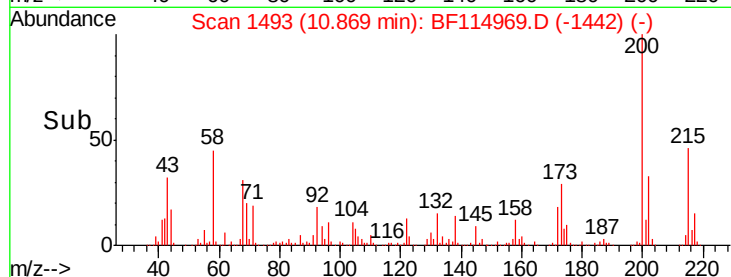
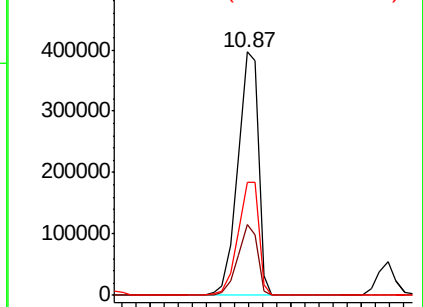
215 46.5 26.5 66.5



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: 40.593 ng

RT: 10.97 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

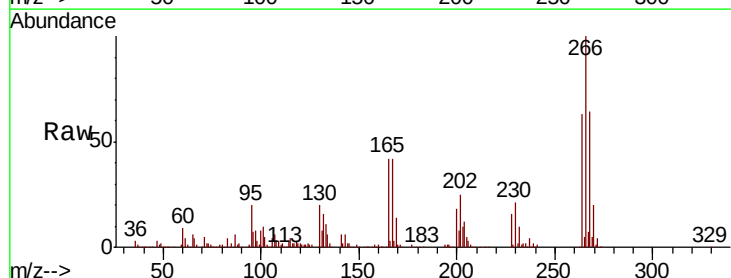
Tgt Ion:266 Resp: 280034

Ion Ratio Lower Upper

266 100

268 64.3 51.4 77.2

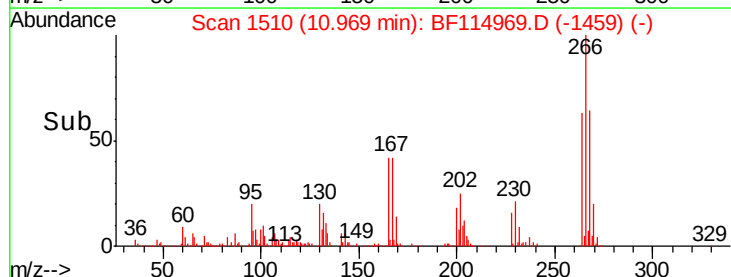
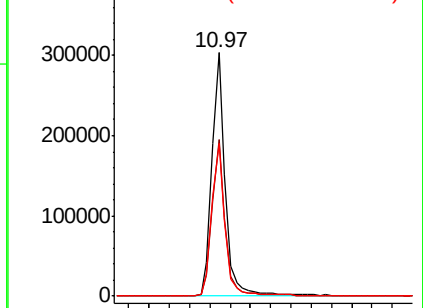
264 62.9 50.3 75.5

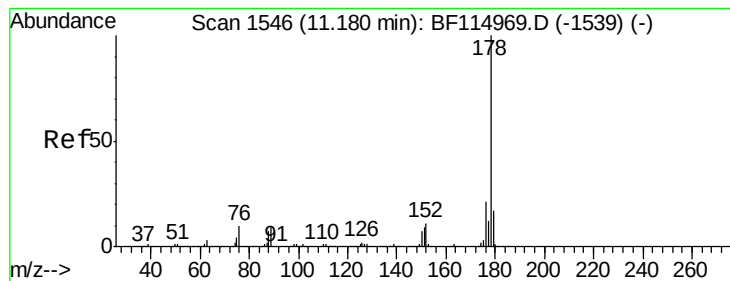


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.135 ng

RT: 11.18 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

Instrument :

BNA_F

ClientSampleId :

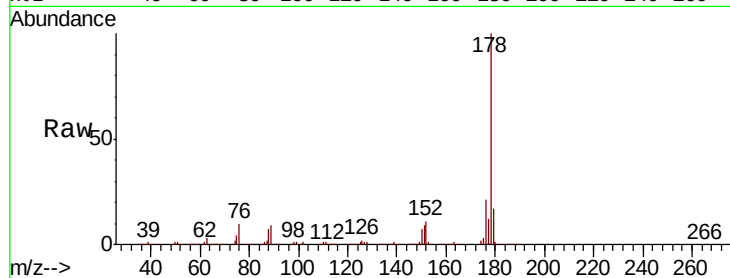
Tot Ion:178 Resp: 2102552

Ion Ratio Lower Upper

178 100

176 21.1 16.9 25.3

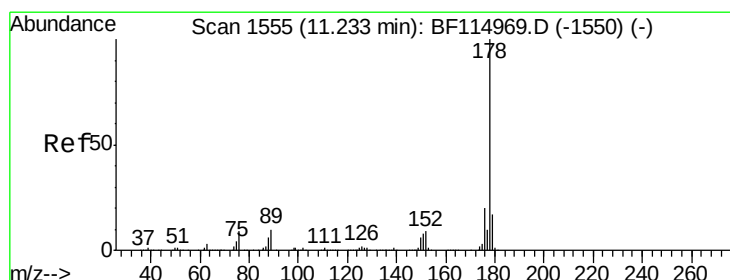
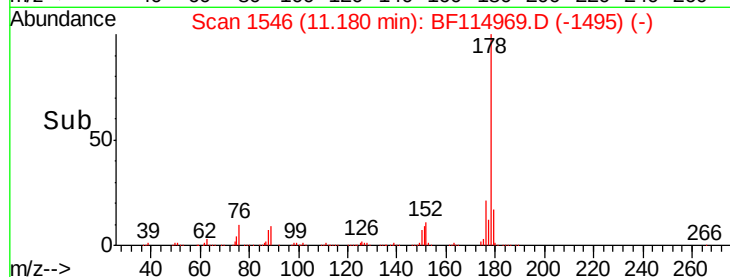
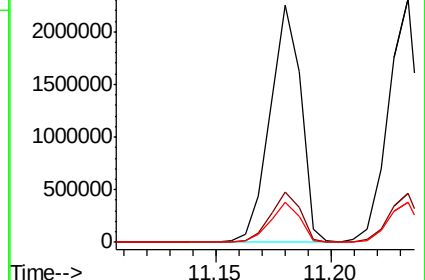
179 16.7 13.4 20.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.379 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

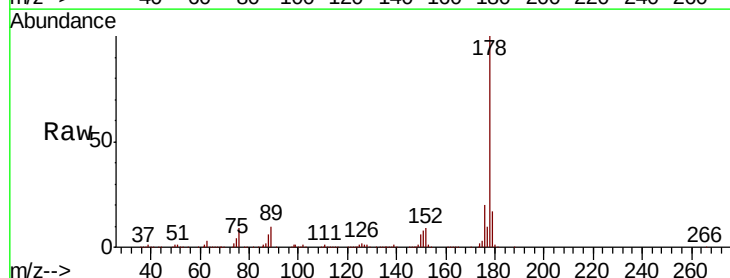
Tgt Ion:178 Resp: 2095774

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

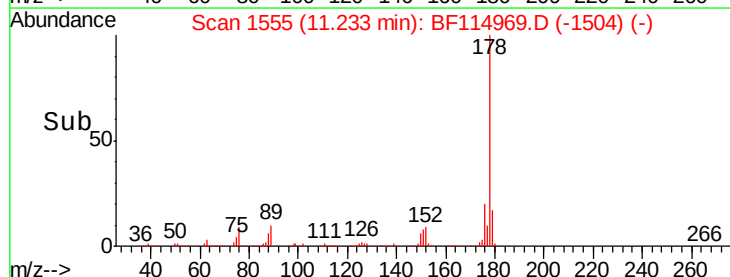
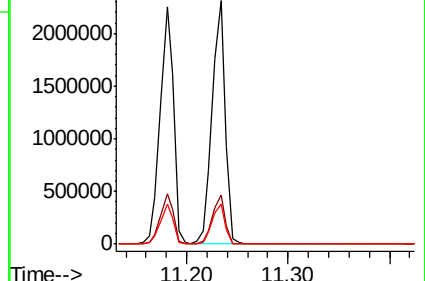
179 16.5 13.2 19.8

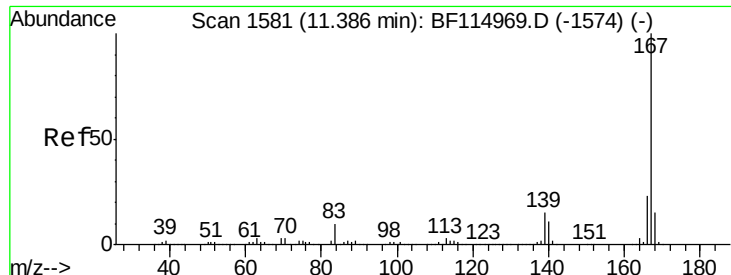


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.513 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

Instrument :

BNA_F

ClientSampled :

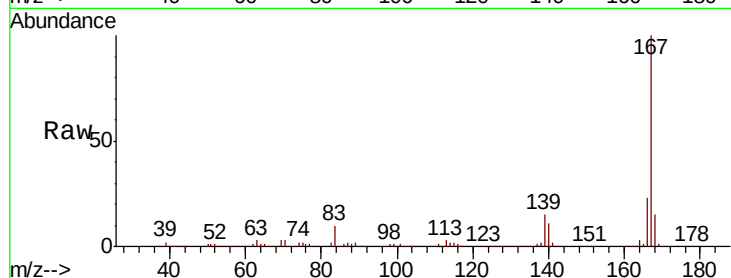
Tot Ion:167 Resp: 1914237

Ion Ratio Lower Upper

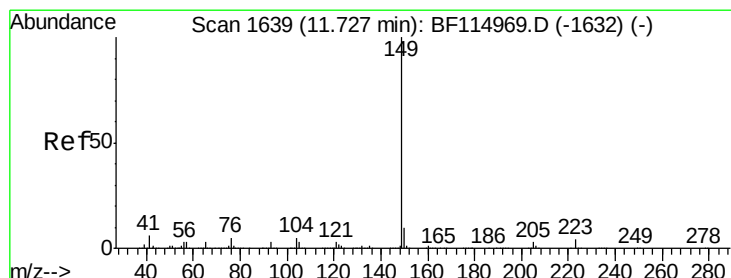
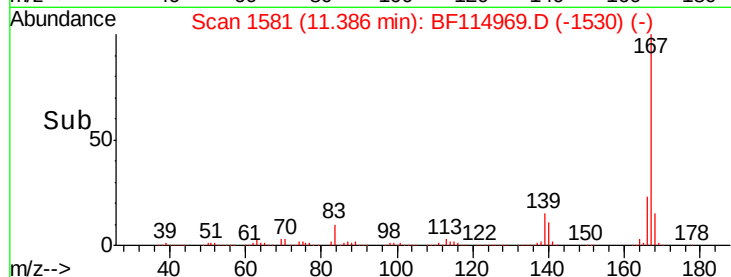
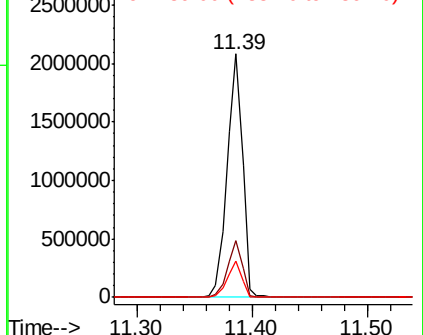
167 100

166 23.1 18.5 27.7

139 15.0 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: 41.256 ng

RT: 11.73 min Scan# 1639

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

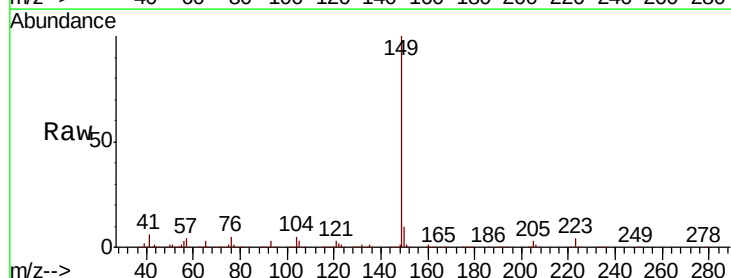
Tgt Ion:149 Resp: 2351136

Ion Ratio Lower Upper

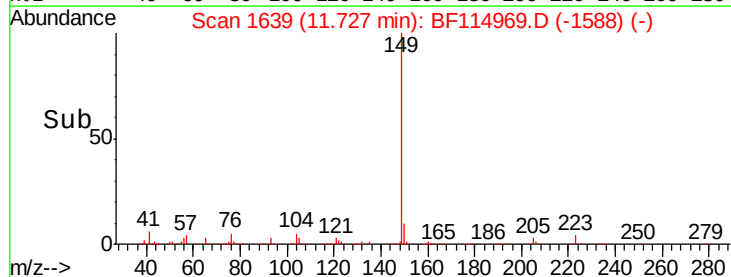
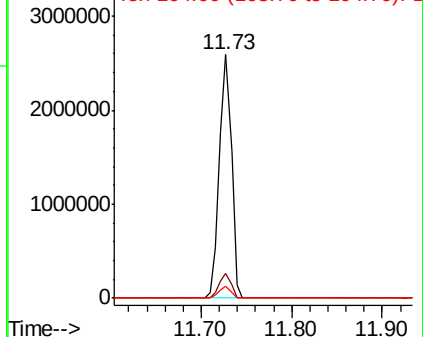
149 100

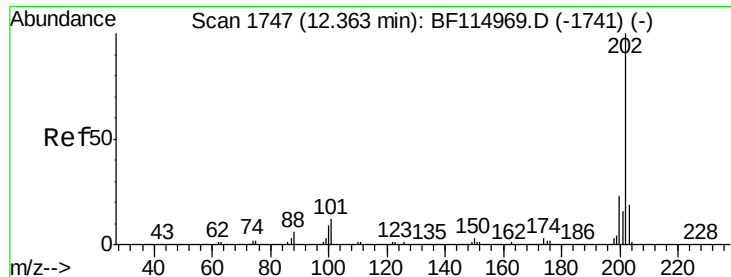
150 10.1 8.1 12.1

104 5.0 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: 41.654 ng

RT: 12.36 min Scan# 1747

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

Instrument :

BNA_F

ClientSampled :

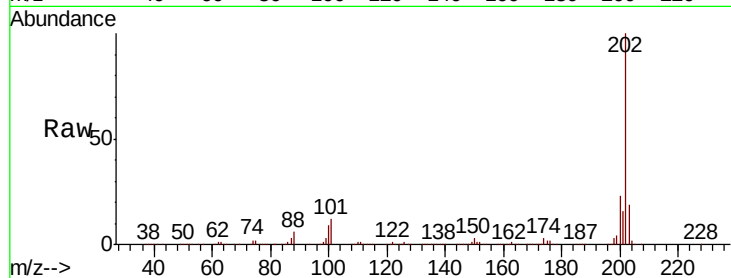
Tot Ion:202 Resp: 2149890

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.4

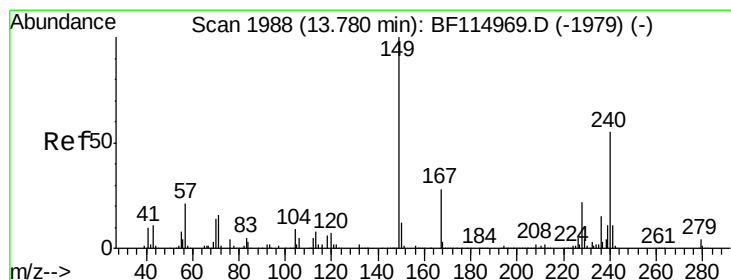
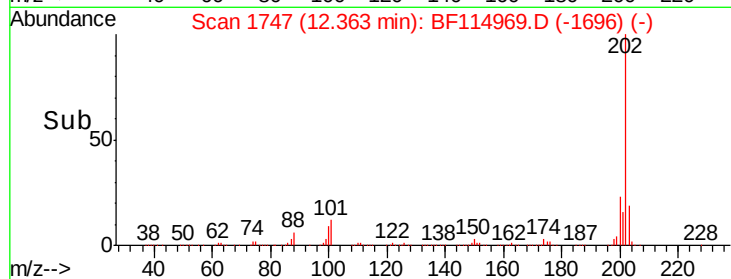
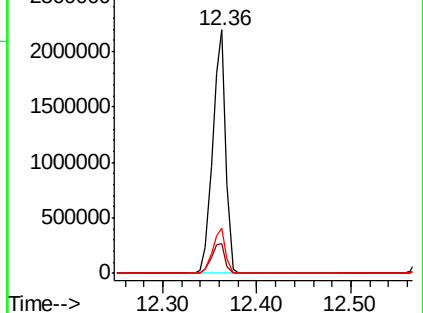
203 18.6 0.0 38.6



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: 13.78 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

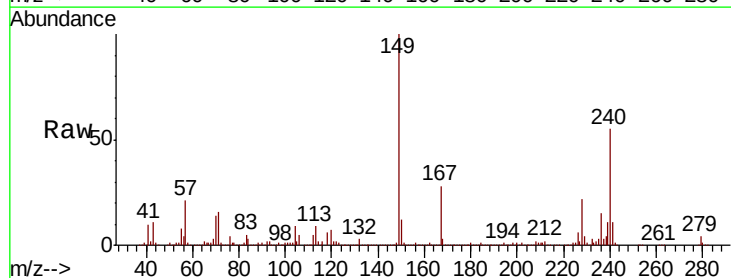
Tgt Ion:240 Resp: 606341

Ion Ratio Lower Upper

240 100

120 12.5 10.0 15.0

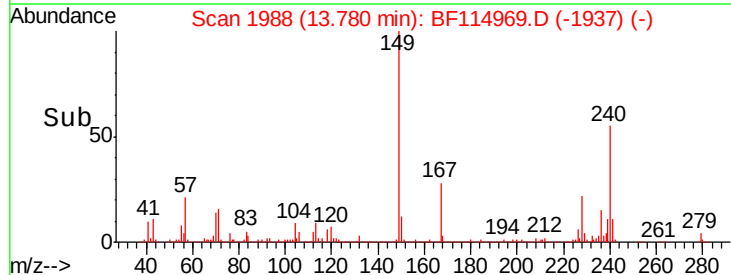
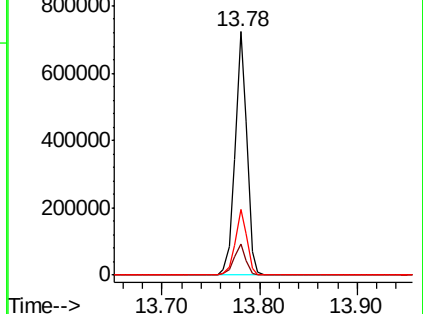
236 27.0 21.6 32.4

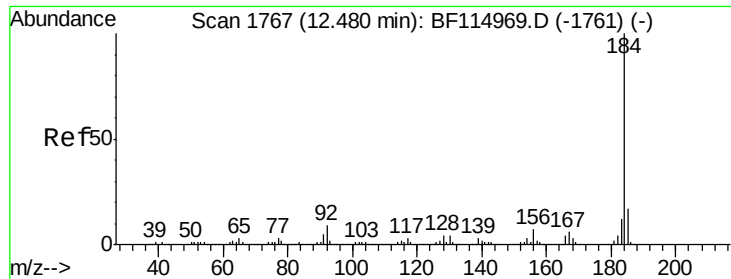


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.483 ng

RT: 12.48 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

Instrument :

BNA_F

ClientSampleId :

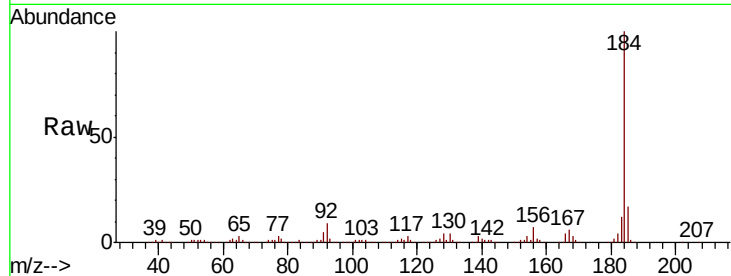
Tot Ion:184 Resp: 1021149

Ion	Ratio	Lower	Upper
184	100		
185	16.7	13.4	20.0
183	12.2	9.8	14.6

184 100

185 16.7 13.4 20.0

183 12.2 9.8 14.6

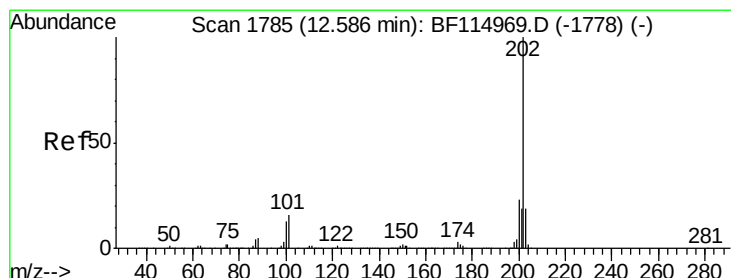
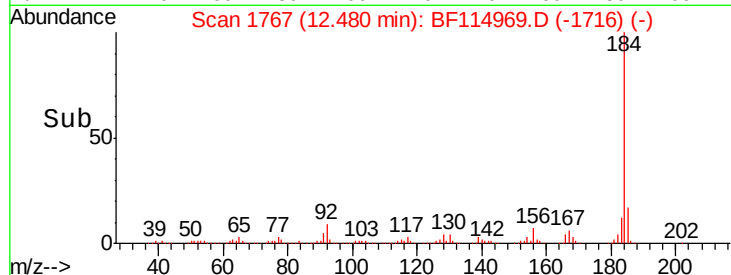
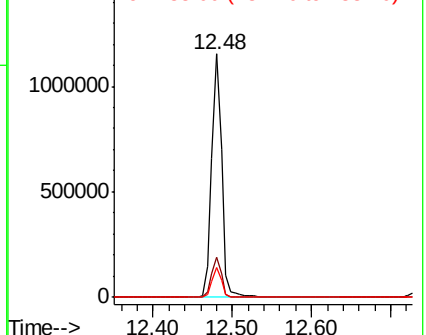


Abundance

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: 41.196 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

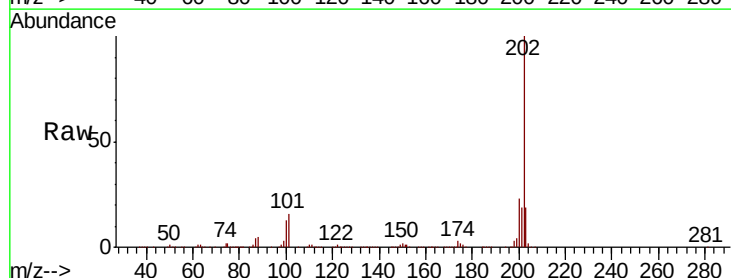
Tgt Ion:202 Resp: 2175454

Ion	Ratio	Lower	Upper
202	100		
200	23.0	18.4	27.6
203	18.6	14.9	22.3

202 100

200 23.0 18.4 27.6

203 18.6 14.9 22.3

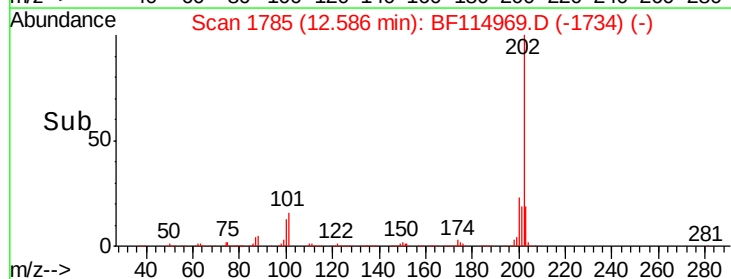
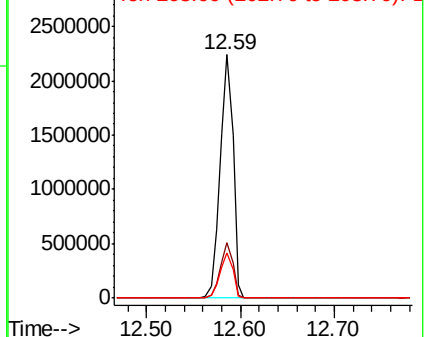


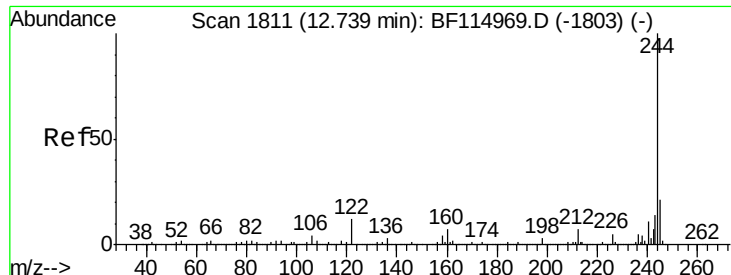
Abundance

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: 81.616 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

Instrument :

BNA_F

ClientSampleId :

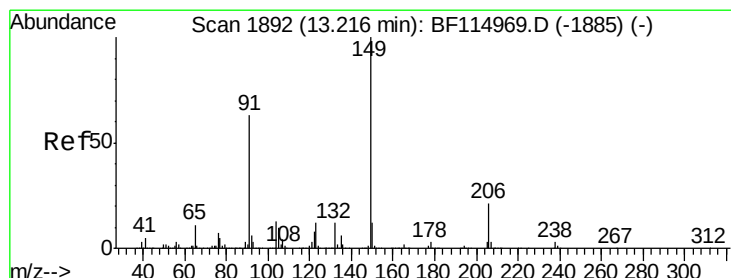
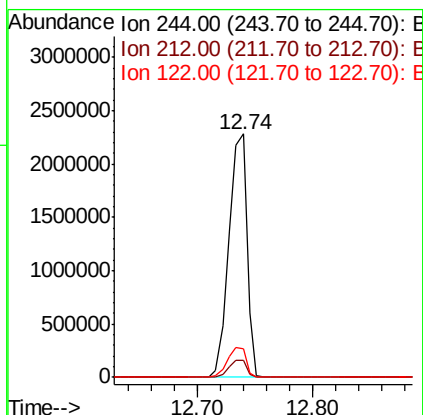
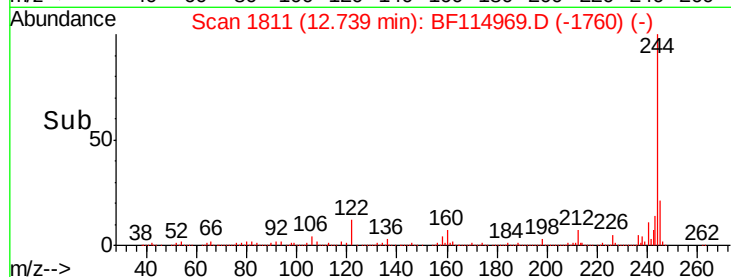
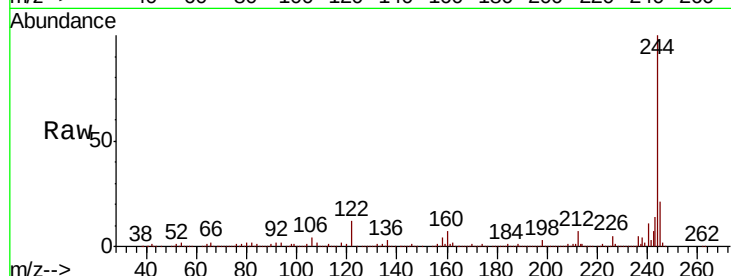
Tot Ion:244 Resp: 2488386

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 11.7 9.4 14.0



#80

Butylbenzylphthalate

Concen: 39.959 ng

RT: 13.22 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

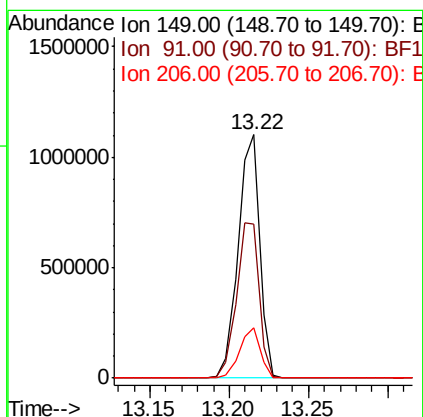
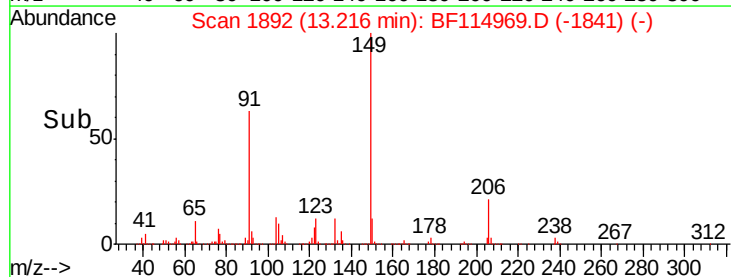
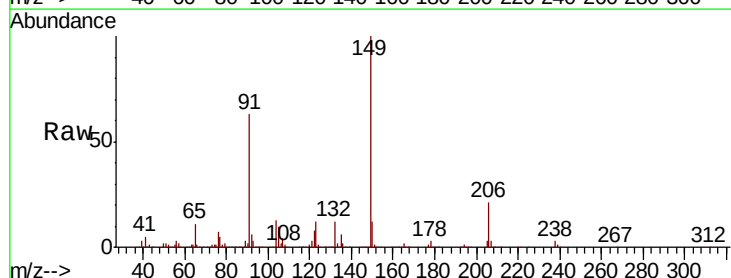
Tgt Ion:149 Resp: 1039557

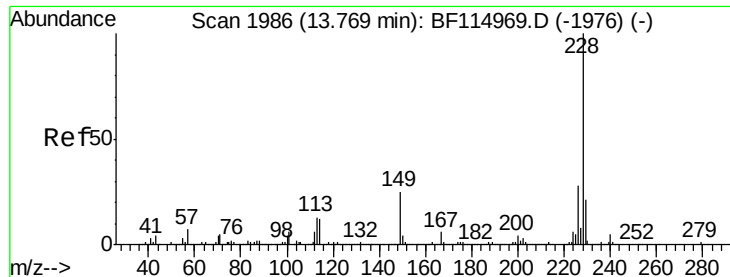
Ion Ratio Lower Upper

149 100

91 63.3 50.6 76.0

206 20.9 16.7 25.1





#81

Benzo(a)anthracene

Concen: 41.142 ng

RT: 13.77 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

Instrument :

BNA_F

ClientSampleId :

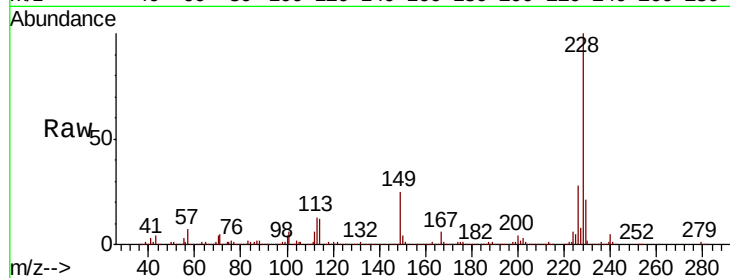
Tot Ion:228 Resp: 1844540

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.0	33.0
229	20.8	16.6	25.0

228 100

226 27.5 22.0 33.0

229 20.8 16.6 25.0

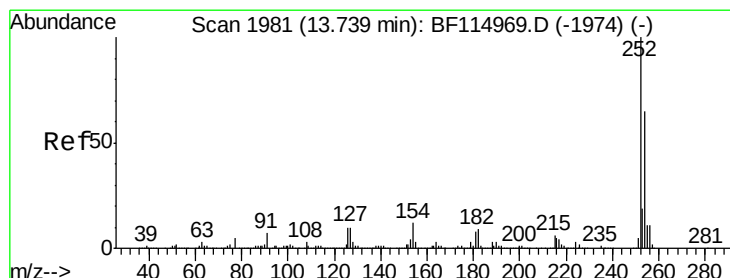
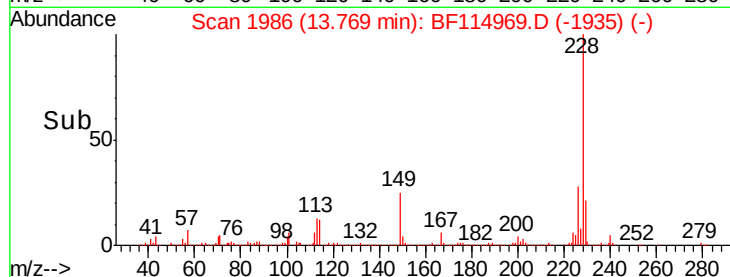
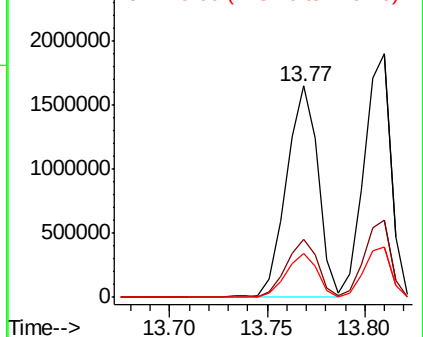


Abundance

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: 40.436 ng

RT: 13.74 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

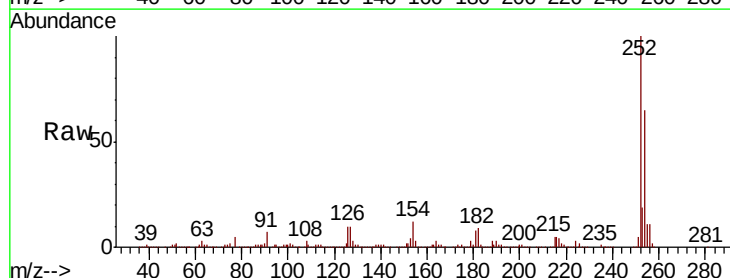
Tgt Ion:252 Resp: 739999

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.2	78.4
126	10.0	8.0	12.0

252 100

254 65.3 52.2 78.4

126 10.0 8.0 12.0

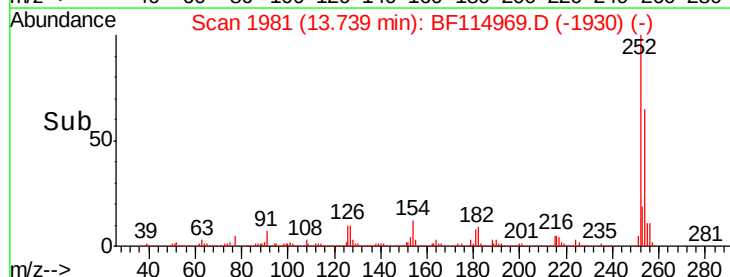
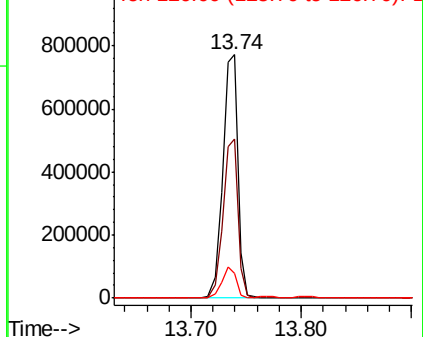


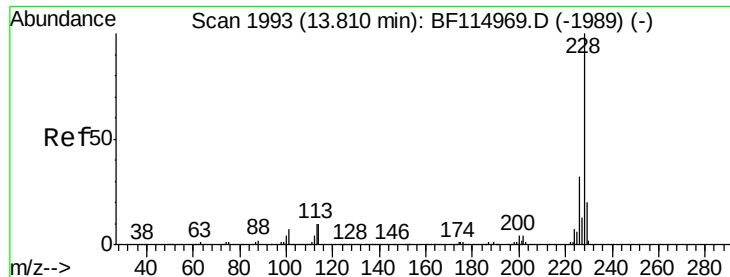
Abundance

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: 40.353 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

Instrument :

BNA_F

ClientSampleId :

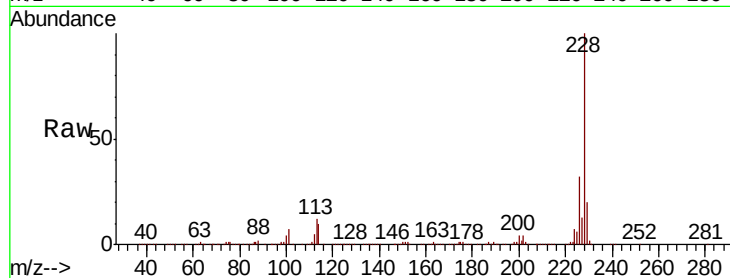
Tot Ion:228 Resp: 1816727

Ion Ratio Lower Upper

228 100

226 31.7 25.4 38.0

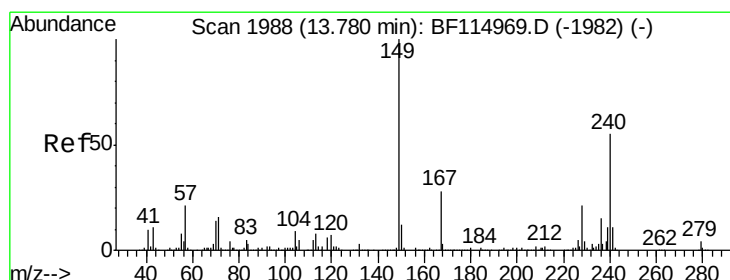
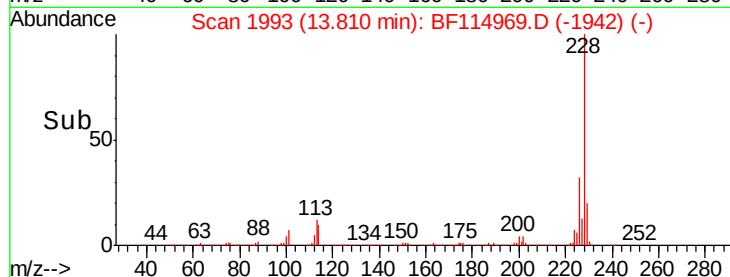
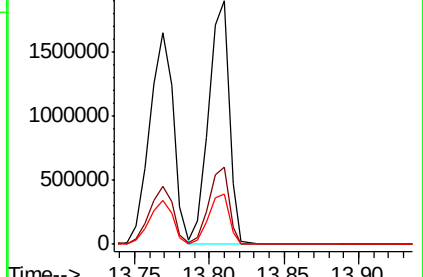
229 20.5 16.4 24.6



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: 39.874 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

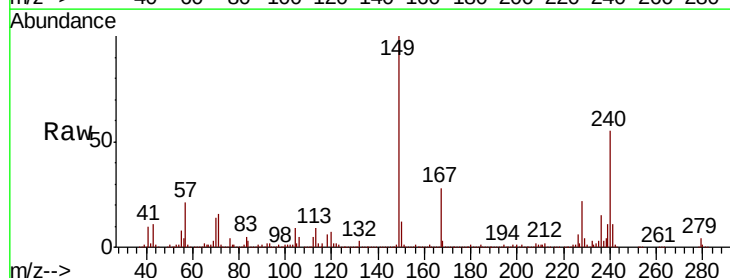
Tgt Ion:149 Resp: 1214905

Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

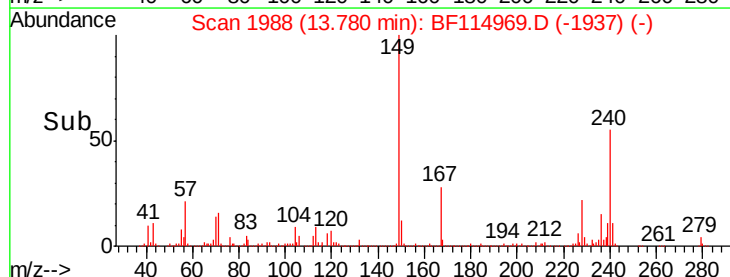
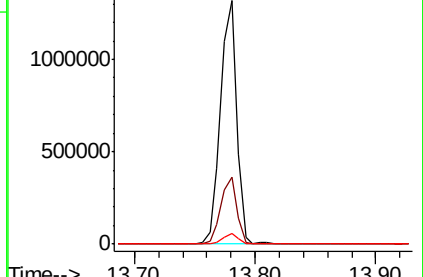
279 4.2 3.4 5.0

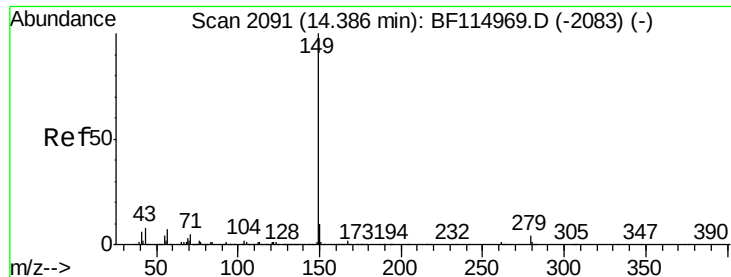


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.812 ng

RT: 14.39 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

Instrument :

BNA_F

ClientSampleId :

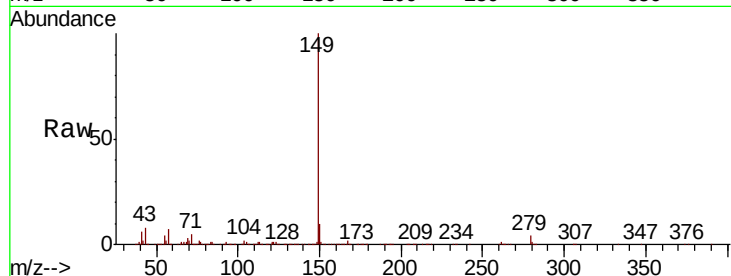
Tot Ion:149 Resp: 2160199

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

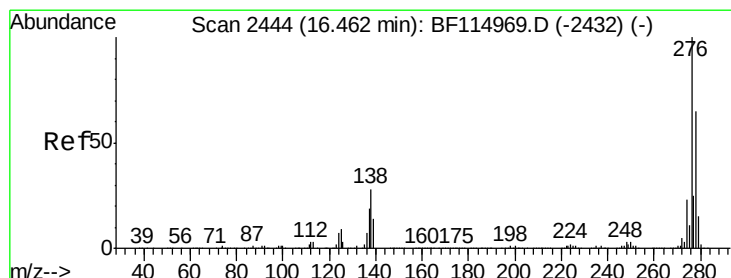
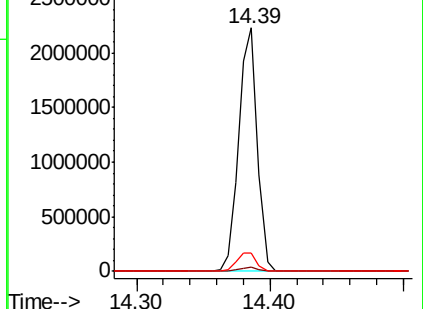
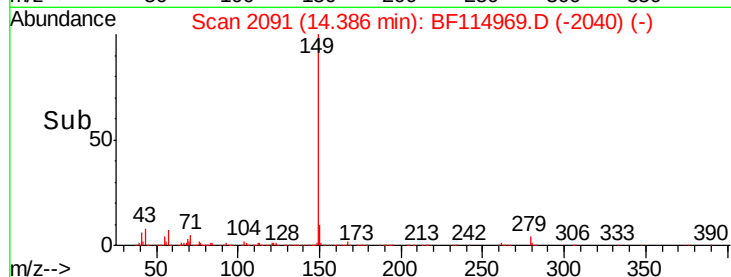
43 8.1 6.5 9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.166 ng

RT: 16.46 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BF114969.D

Acq: 12 Jun 2019 11:16

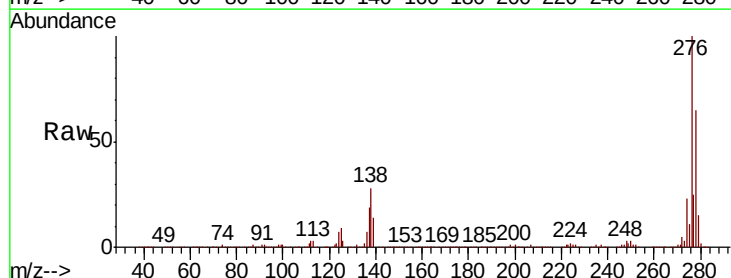
Tgt Ion:276 Resp: 1530733

Ion Ratio Lower Upper

276 100

138 28.7 23.0 34.4

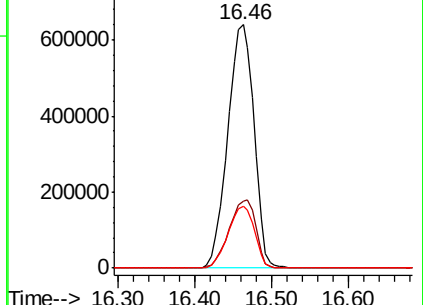
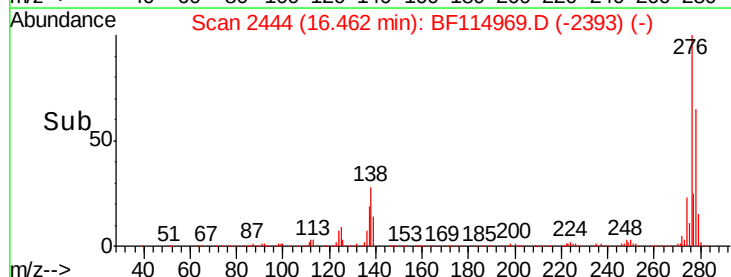
277 25.7 20.6 30.8

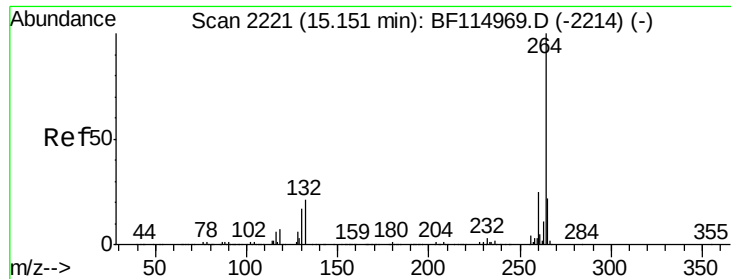


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



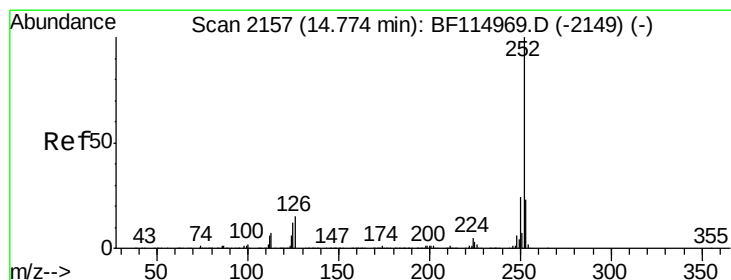
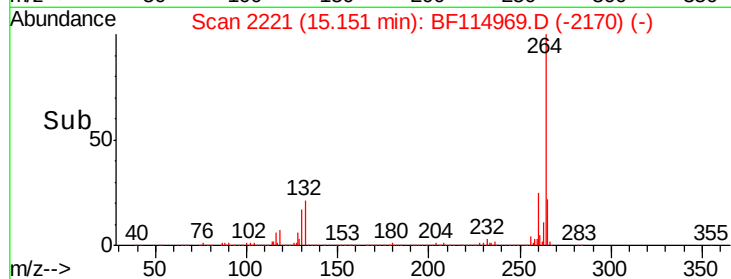
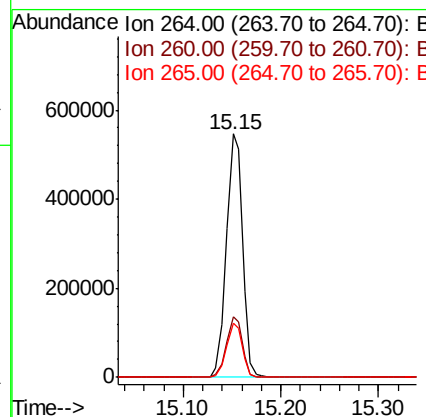
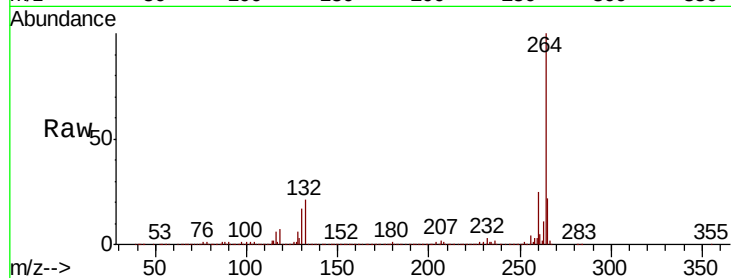


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 630097

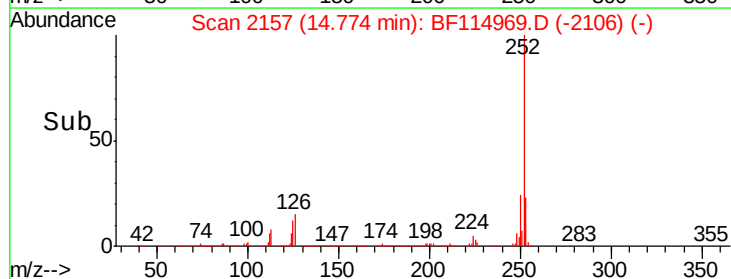
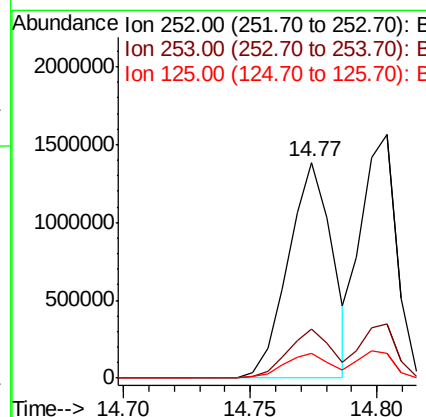
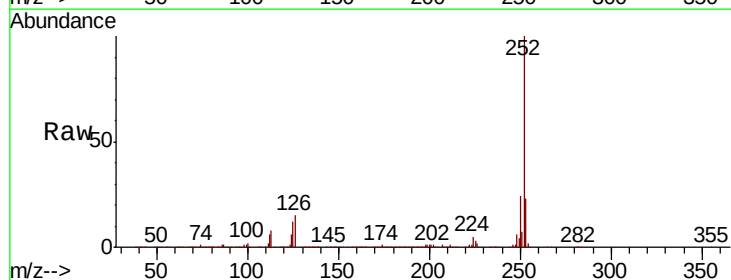
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.9	29.9
265	22.0	17.6	26.4

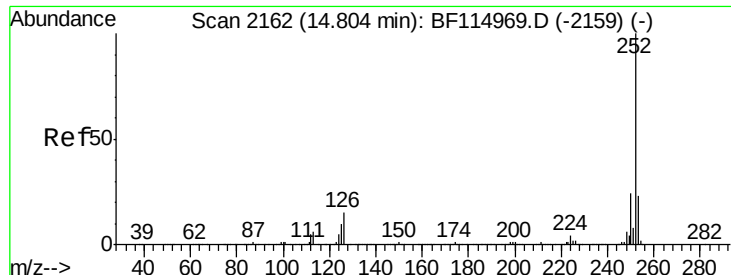


#88
Benzo(b)fluoranthene
Concen: 40.715 ng
RT: 14.77 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Tgt Ion:252 Resp: 1670183

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	11.7	9.4	14.0

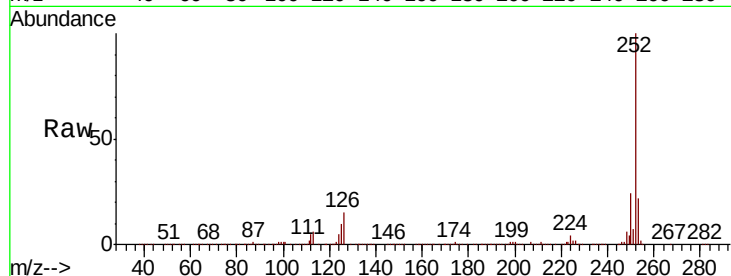




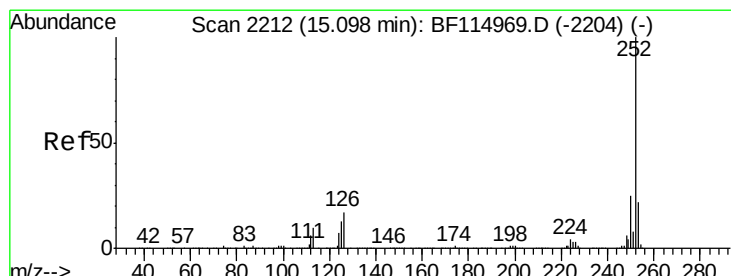
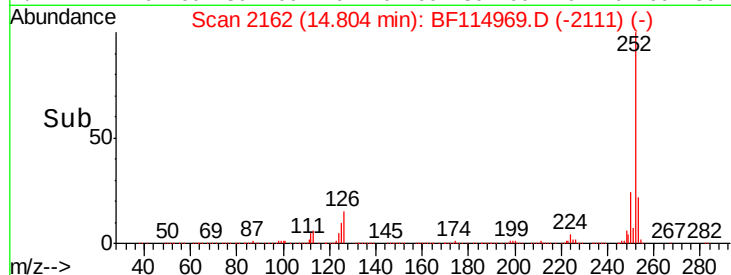
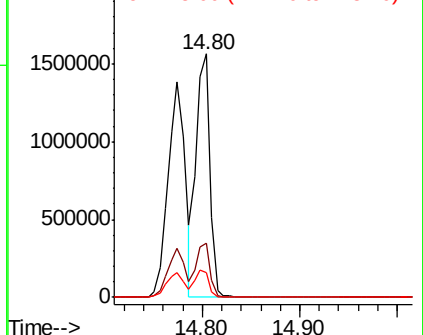
#89
Benzo(k)fluoranthene
Concen: 43.303 ng
RT: 14.80 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1541582
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 10.3 8.2 12.4

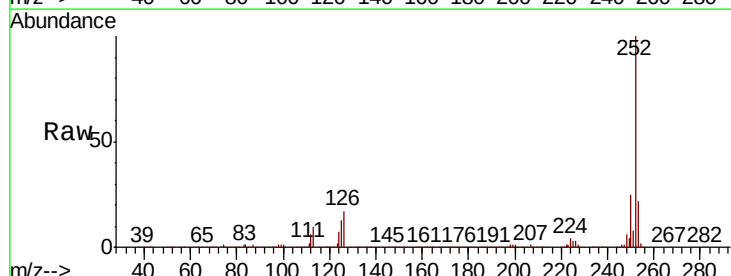


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

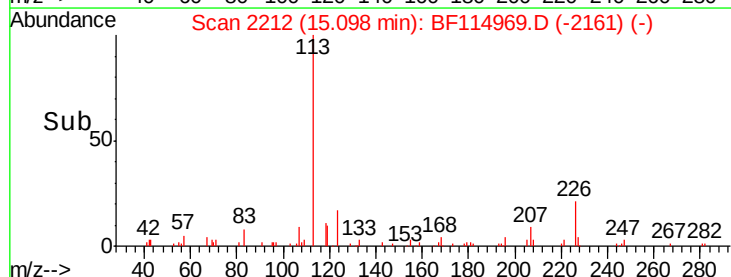
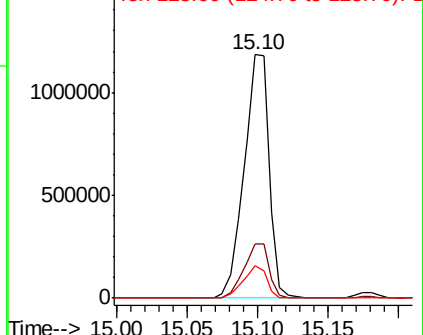


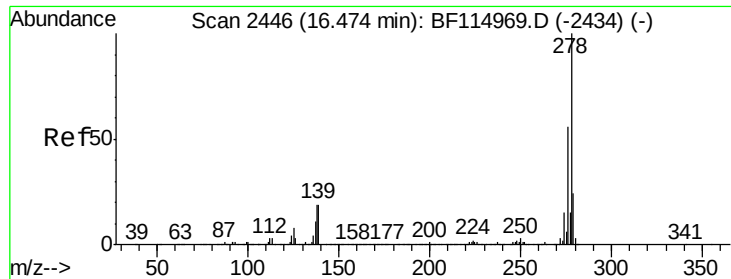
#90
Benzo(a)pyrene
Concen: 41.313 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Tgt Ion:252 Resp: 1471990
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 13.4 10.7 16.1



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

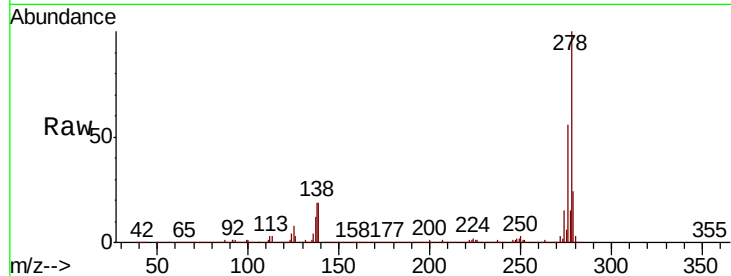




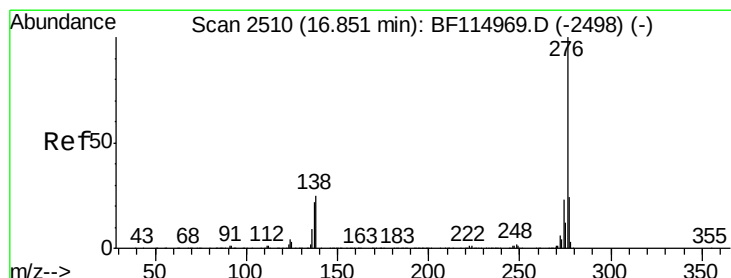
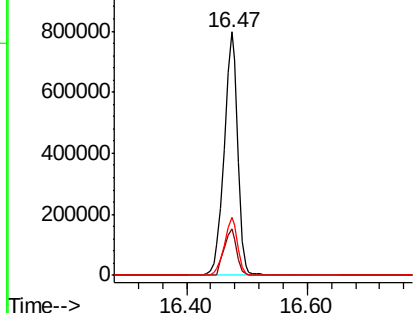
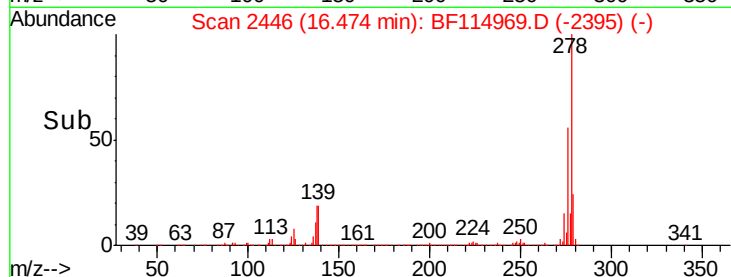
#91
Dibenzo(a,h)anthracene
Concen: 41.398 ng
RT: 16.47 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 1245938
Ion Ratio Lower Upper
278 100
139 19.1 15.3 22.9
279 24.0 19.2 28.8

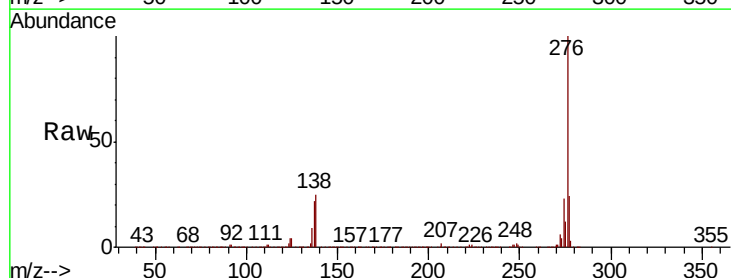


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.862 ng
RT: 16.85 min Scan# 2510
Delta R.T. 0.00 min
Lab File: BF114969.D
Acq: 12 Jun 2019 11:16

Tgt Ion:276 Resp: 1255854
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 25.3 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

