

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115037.D
 Acq On : 14 Jun 2019 14:03
 Operator : HP/JU
 Sample : PB120599BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 15:41:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	256034	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	996751	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	476357	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	933094	20.00	ng	0.00
76) Chrysene-d12	13.77	240	667538	20.00	ng	0.00
87) Perylene-d12	15.15	264	660249	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1117217	72.86	ng	0.00
7) Phenol-d6	6.29	99	1353614	73.18	ng	0.00
23) Nitrobenzene-d5	7.21	82	1154651	69.73	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	380227	74.54	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	2208327	78.57	ng	0.00
79) Terphenyl-d14	12.73	244	2383976	67.17	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.37	88	282807	39.403	ng	99
3) Pyridine	3.04	79	712735	35.272	ng	98
4) n-Nitrosodimethylamine	2.99	42	266124	37.095	ng	96
6) Aniline	6.31	93	572559	23.115	ng	# 78
8) 2-Chlorophenol	6.43	128	691113	39.750	ng	98
9) Benzaldehyde	6.19	77	10073	Below Cal		91
10) Phenol	6.30	94	787222	38.041	ng	91
11) bis(2-Chloroethyl)ether	6.39	93	609104	37.922	ng	99
12) 1,3-Dichlorobenzene	6.59	146	766537	37.745	ng	99
13) 1,4-Dichlorobenzene	6.66	146	776501	38.032	ng	99
14) 1,2-Dichlorobenzene	6.82	146	719270	37.420	ng	99
15) Benzyl Alcohol	6.80	79	424420	30.626	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	787850	36.649	ng	96
17) 2-Methylphenol	6.92	107	585521	40.375	ng	98
18) Hexachloroethane	7.16	117	274959	37.292	ng	96
19) n-Nitroso-di-n-propylamine	7.07	70	423792	37.711	ng	97
20) 3+4-Methylphenols	7.07	107	680175	39.408	ng	95
22) Acetophenone	7.06	105	925039	40.998	ng	96
24) Nitrobenzene	7.23	77	679522	40.331	ng	93
25) Isophorone	7.47	82	1228772	39.619	ng	100
26) 2-Nitrophenol	7.55	139	389436	41.469	ng	97
27) 2,4-Dimethylphenol	7.60	122	610392	45.056	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	774718	38.933	ng	99
29) 2,4-Dichlorophenol	7.80	162	593808	41.491	ng	99
30) 1,2,4-Trichlorobenzene	7.87	180	655294	39.626	ng	98
31) Naphthalene	7.95	128	1994574	42.293	ng	99
32) Benzoic acid	7.74	122	382280	38.999	ng	98
33) 4-Chloroaniline	8.00	127	502348	23.076	ng	99
34) Hexachlorobutadiene	8.07	225	352331	38.331	ng	100
35) Caprolactam	8.37	113	113991	23.914	ng	97
36) 4-Chloro-3-methylphenol	8.50	107	607118	42.095	ng	100
37) 2-Methylnaphthalene	8.64	142	1336006	42.474	ng	99
38) 1-Methylnaphthalene	8.74	142	1252101	42.117	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	569304	40.453	ng	99

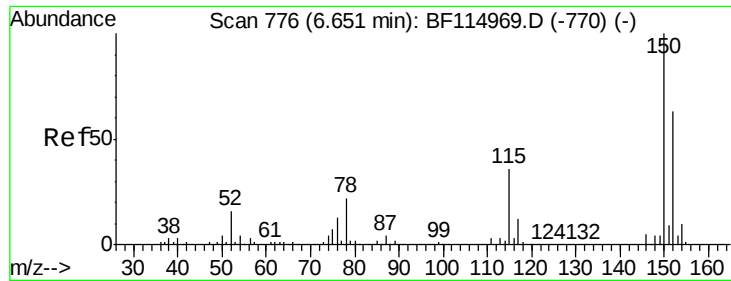
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
 Data File : BF115037.D
 Acq On : 14 Jun 2019 14:03
 Operator : HP/JU
 Sample : PB120599BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 15:41:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	582893	84.054	ng	100
43) 2,4,6-Trichlorophenol	8.92	196	403478	38.385	ng	100
44) 2,4,5-Trichlorophenol	8.97	196	445526	41.940	ng	96
46) 1,1'-Biphenyl	9.10	154	1577998	41.338	ng	99
47) 2-Chloronaphthalene	9.13	162	1237232	40.081	ng	99
48) 2-Nitroaniline	9.22	65	352561	38.642	ng	97
49) Acenaphthylene	9.54	152	1938498	40.844	ng	99
50) Dimethylphthalate	9.41	163	1419930	39.636	ng	99
51) 2,6-Dinitrotoluene	9.47	165	333524	41.043	ng	95
52) Acenaphthene	9.71	154	1118501	41.192	ng	98
53) 3-Nitroaniline	9.63	138	250928	25.203	ng	95
54) 2,4-Dinitrophenol	9.75	184	340889	86.485	ng	97
55) Dibenzofuran	9.89	168	1668799	40.778	ng	97
56) 4-Nitrophenol	9.81	139	534062	77.785	ng	97
57) 2,4-Dinitrotoluene	9.87	165	436335	42.186	ng	95
58) Fluorene	10.22	166	1214258	44.327	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.00	232	360692	42.035	ng	99
60) Diethylphthalate	10.11	149	1367800	39.931	ng	99
61) 4-Chlorophenyl-phenylether	10.22	204	574396	41.976	ng	98
62) 4-Nitroaniline	10.25	138	359081	35.870	ng	100
63) Azobenzene	10.37	77	1215058	40.547	ng	99
65) 4,6-Dinitro-2-methylphenol	10.28	198	205799	39.351	ng	84
66) n-Nitrosodiphenylamine	10.34	169	1140996	40.908	ng	99
67) 4-Bromophenyl-phenylether	10.70	248	388296	38.757	ng	97
68) Hexachlorobenzene	10.77	284	428624	38.860	ng	# 91
69) Atrazine	10.87	200	334140	37.156	ng	99
70) Pentachlorophenol	10.97	266	482649	80.575	ng	99
71) Phenanthrene	11.17	178	1905312	39.548	ng	99
72) Anthracene	11.23	178	1964035	40.410	ng	100
73) Carbazole	11.38	167	1807944	42.618	ng	99
74) Di-n-butylphthalate	11.72	149	2050697	38.345	ng	100
75) Fluoranthene	12.36	202	1998316	40.564	ng	99
77) Benzidine	12.48	184	644536	23.871	ng	96
78) Pyrene	12.58	202	2017252	33.172	ng	100
80) Butylbenzylphthalate	13.21	149	934805	32.911	ng	97
81) Benzo(a)anthracene	13.76	228	1710792	34.248	ng	99
82) 3,3'-Dichlorobenzidine	13.73	252	562706	29.382	ng	99
83) Chrysene	13.80	228	1776043	35.754	ng	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1100991	32.797	ng	99
85) Di-n-octyl phthalate	14.38	149	2045975	35.392	ng	100
86) Indeno(1,2,3-cd)pyrene	16.46	276	1583050	36.280	ng	99
88) Benzo(b)fluoranthene	14.77	252	1840864	41.942	ng	99
89) Benzo(k)fluoranthene	14.80	252	1549804	40.229	ng	98
90) Benzo(a)pyrene	15.10	252	1620927	42.799	ng	99
91) Dibenzo(a,h)anthracene	16.47	278	1315202	40.324	ng	98
92) Benzo(g,h,i)perylene	16.84	276	1313899	39.500	ng	99

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

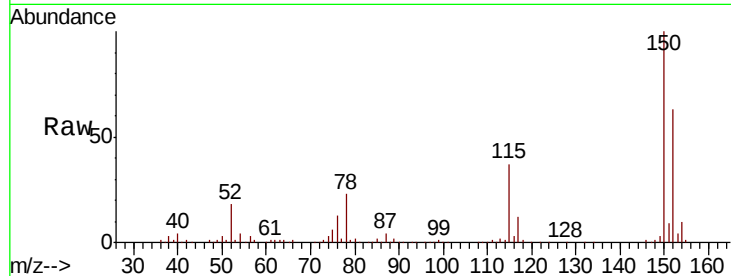


#1

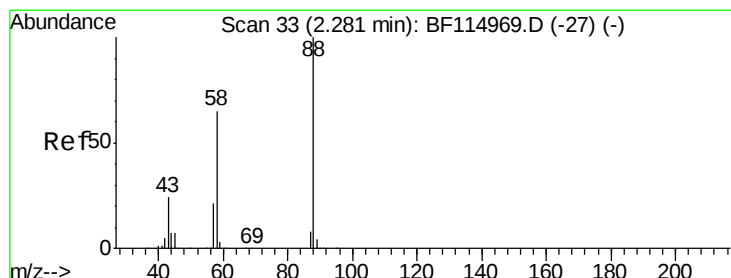
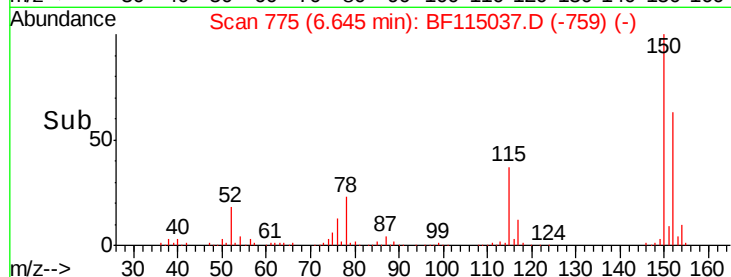
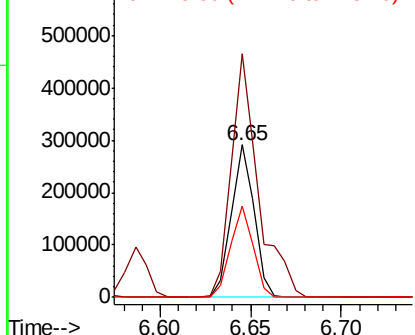
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 256034
Ion Ratio Lower Upper
152 100
150 159.5 127.4 191.0
115 59.6 46.0 69.0



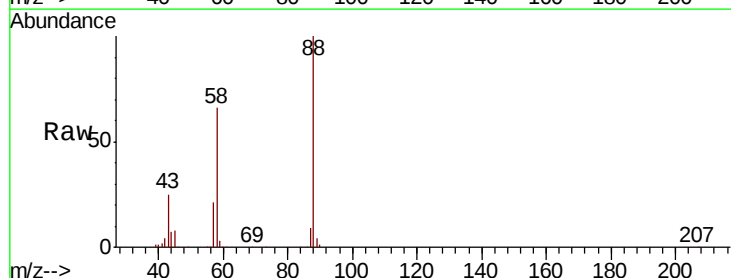
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



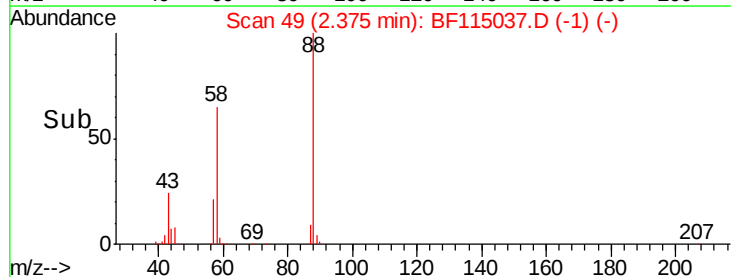
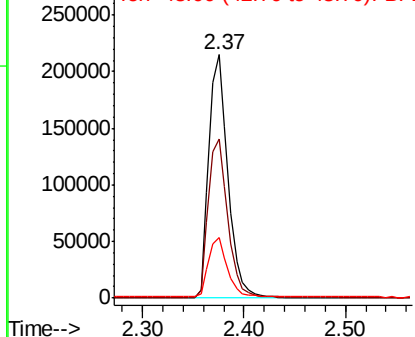
#2

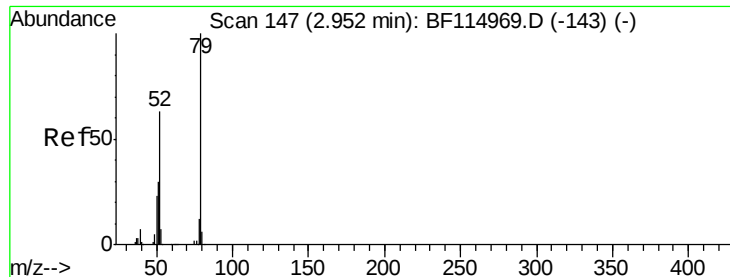
1,4-Dioxane
Concen: 39.403 ng
RT: 2.37 min Scan# 49
Delta R.T. 0.09 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Tgt Ion: 88 Resp: 282807
Ion Ratio Lower Upper
88 100
58 67.3 53.4 80.2
43 24.5 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: 35.272 ng

RT: 3.04 min Scan# 162

Delta R.T. 0.09 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

Instrument :

BNA_F

ClientSampled :

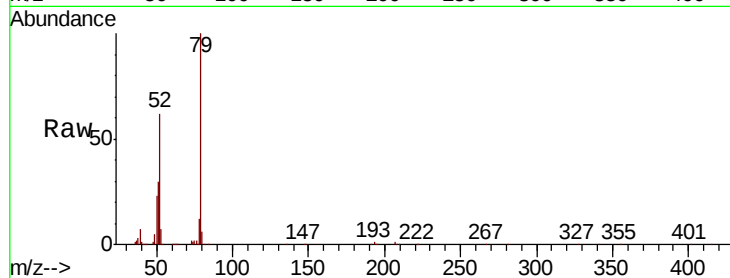
Tot Ion: 79 Resp: 712735

Ion Ratio Lower Upper

79 100

52 61.7 50.3 75.5

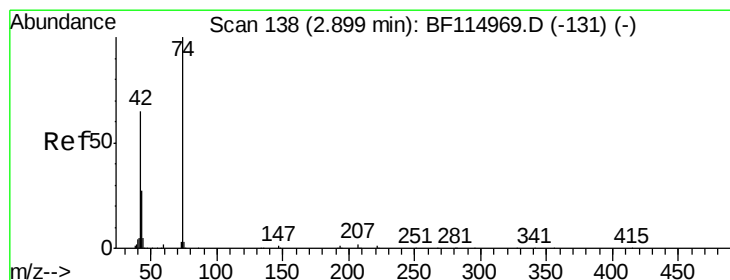
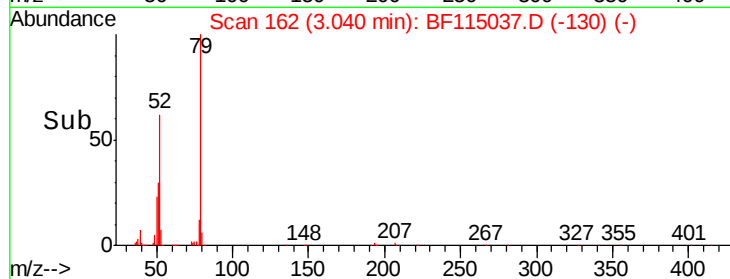
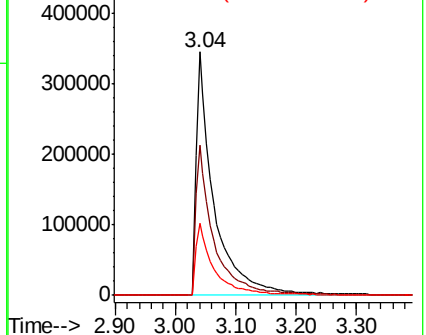
51 29.6 24.4 36.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.095 ng

RT: 2.99 min Scan# 153

Delta R.T. 0.09 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

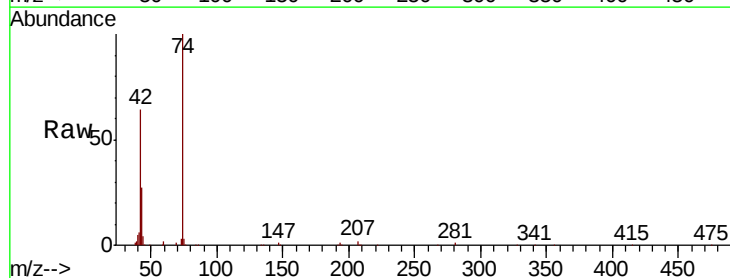
Tgt Ion: 42 Resp: 266124

Ion Ratio Lower Upper

42 100

74 157.5 122.2 183.2

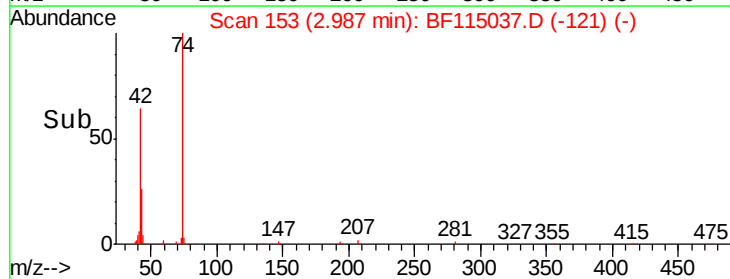
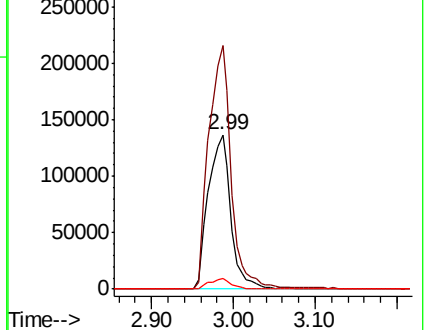
44 6.5 5.8 8.8

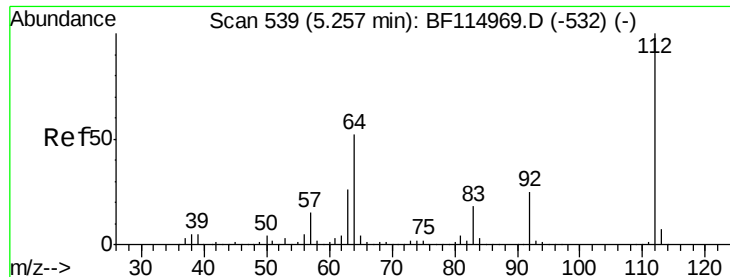


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 72.862 ng

RT: 5.26 min Scan# 540

Delta R.T. 0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

Instrument :

BNA_F

ClientSampleId :

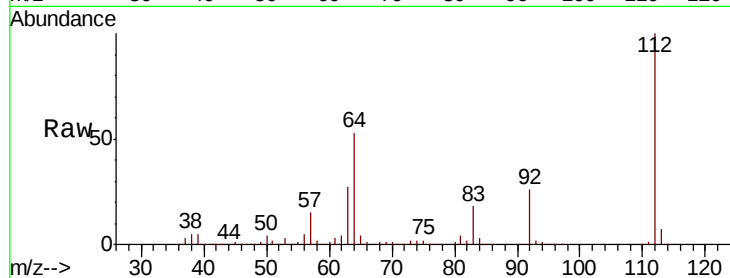
Tot Ion:112 Resp: 1117217

Ion Ratio Lower Upper

112 100

64 53.5 41.6 62.4

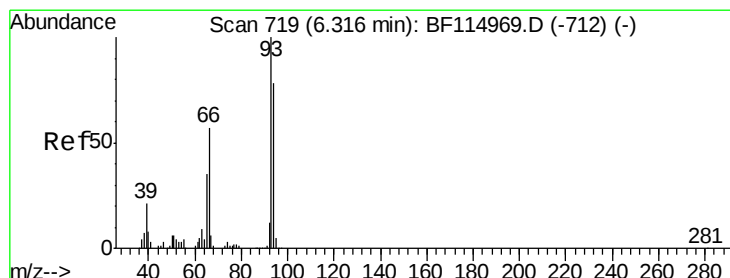
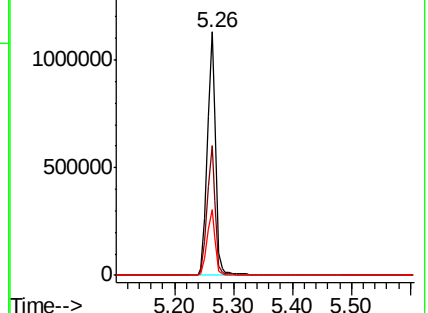
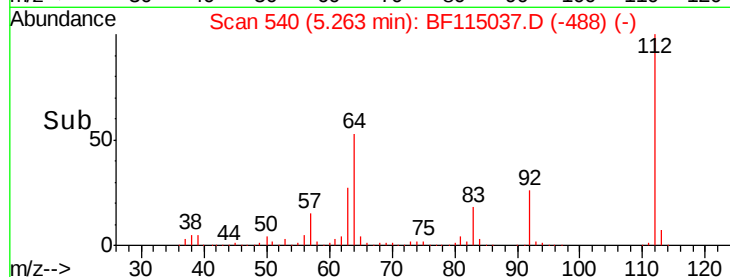
63 27.2 20.9 31.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.115 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

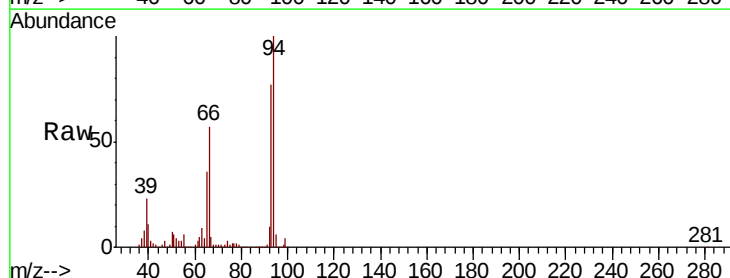
Tgt Ion: 93 Resp: 572559

Ion Ratio Lower Upper

93 100

66 74.1 46.2 69.2#

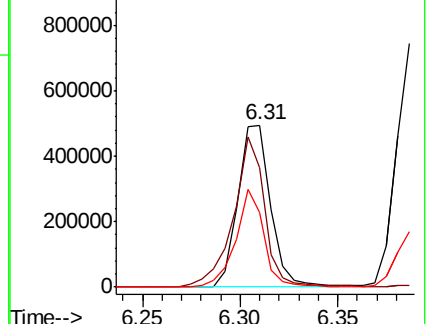
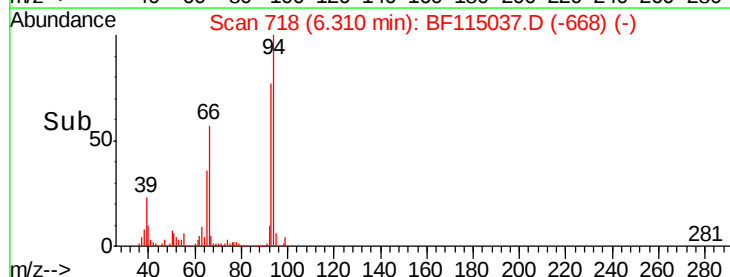
65 46.4 27.7 41.5#

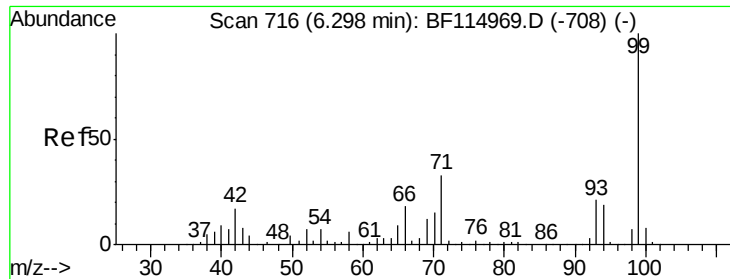


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.183 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

Instrument :

BNA_F

ClientSampleId :

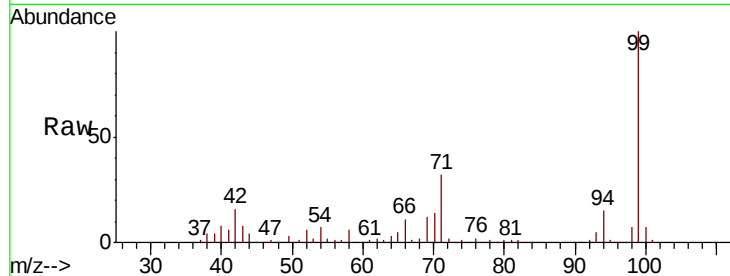
Tot Ion: 99 Resp: 1353614

Ion Ratio Lower Upper

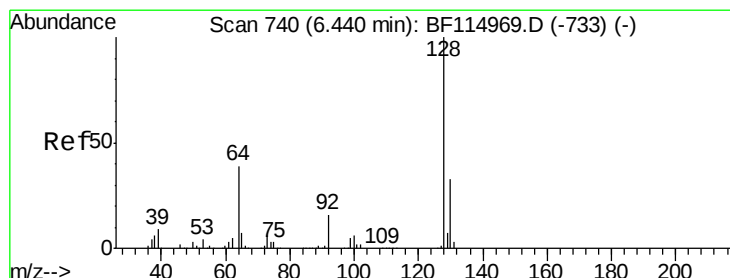
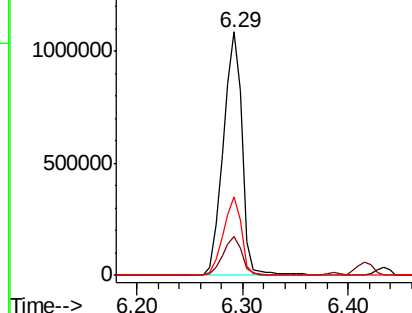
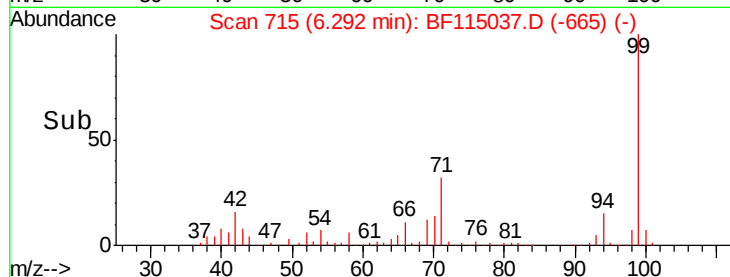
99 100

42 16.0 13.4 20.2

71 32.4 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: 39.750 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

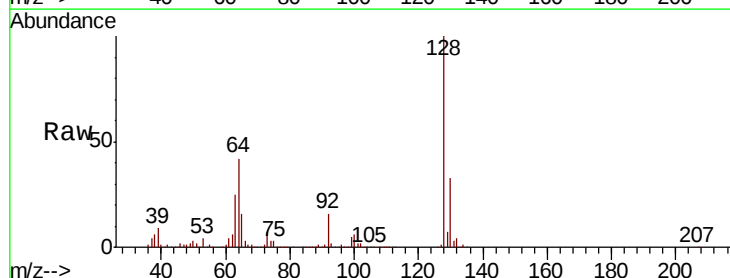
Tgt Ion: 128 Resp: 691113

Ion Ratio Lower Upper

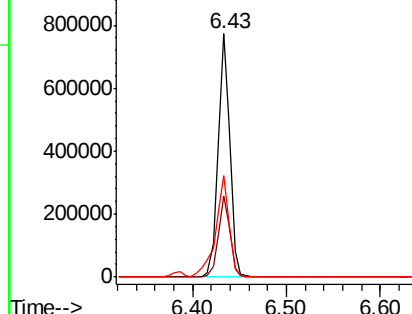
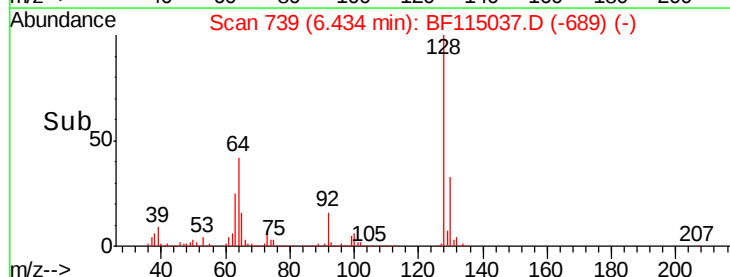
128 100

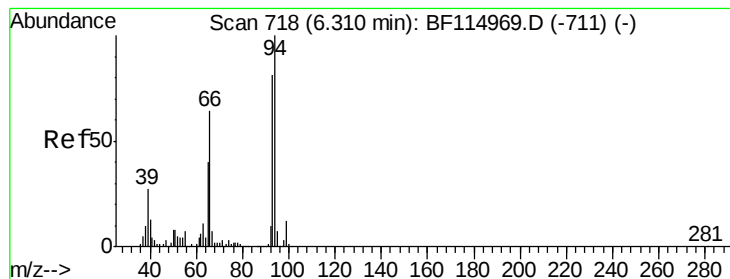
130 33.2 13.4 53.4

64 41.6 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





#10

Phenol

Concen: 38.041 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

Instrument :

BNA_F

ClientSampled :

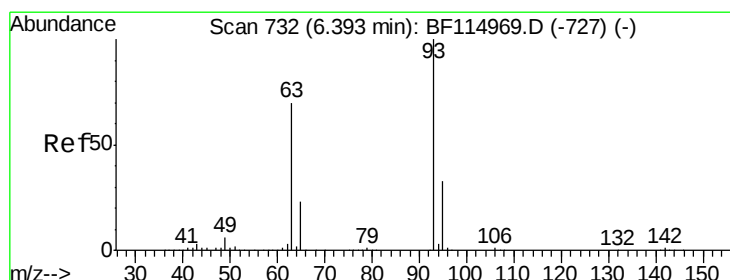
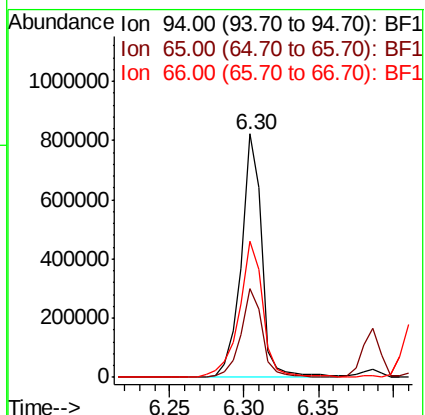
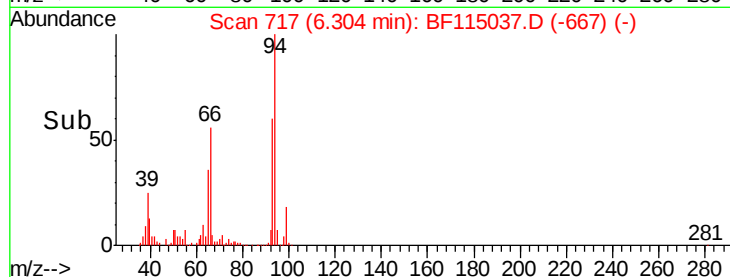
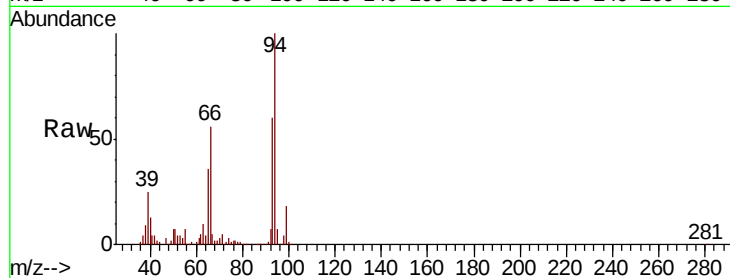
Tot Ion: 94 Resp: 787222

Ion Ratio Lower Upper

94 100

65 36.2 20.0 60.0

66 55.7 44.1 84.1



#11

bis(2-Chloroethyl)ether

Concen: 37.922 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

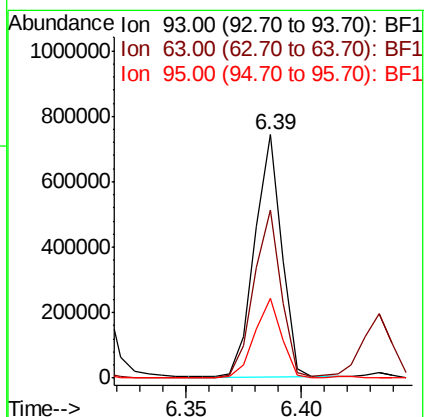
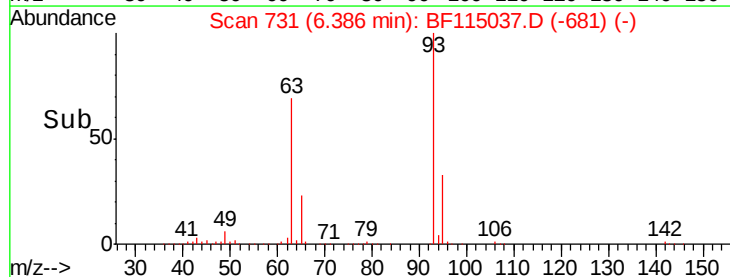
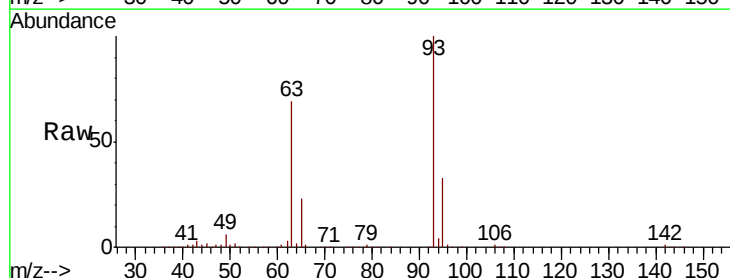
Tgt Ion: 93 Resp: 609104

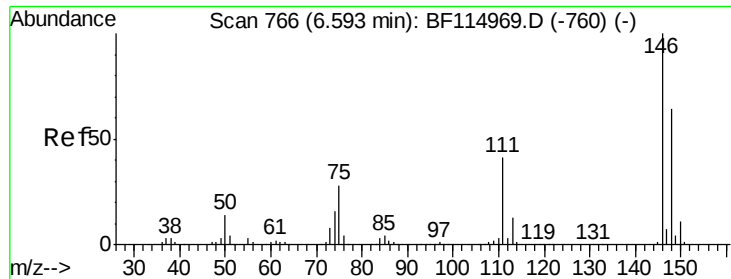
Ion Ratio Lower Upper

93 100

63 69.3 49.8 89.8

95 33.0 13.3 53.3

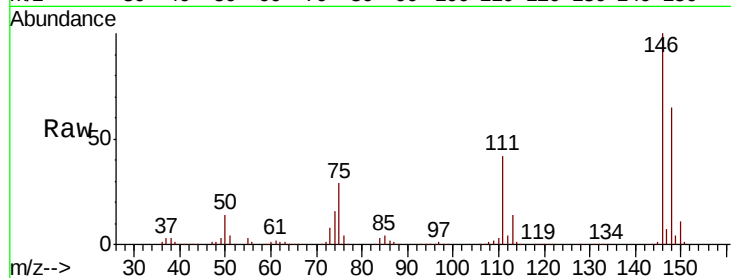




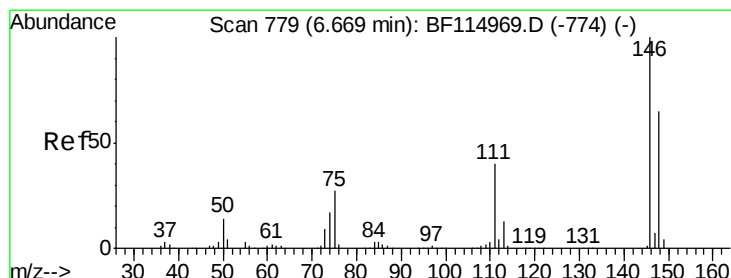
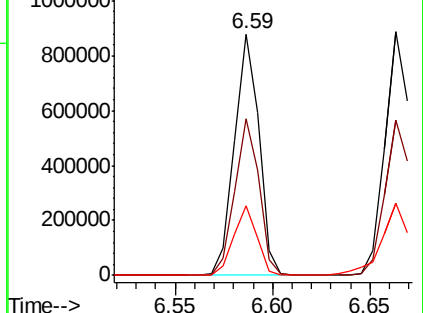
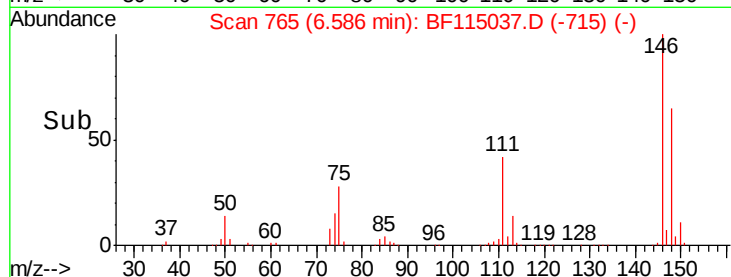
#12
 1,3-Dichlorobenzene
 Concen: 37.745 ng
 RT: 6.59 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF115037.D
 Acq: 14 Jun 2019 14:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.6	77.4
75	28.7	22.3	33.5

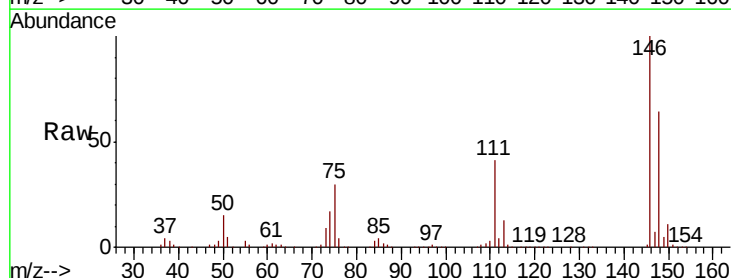


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

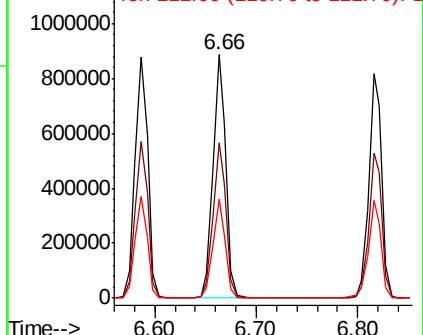
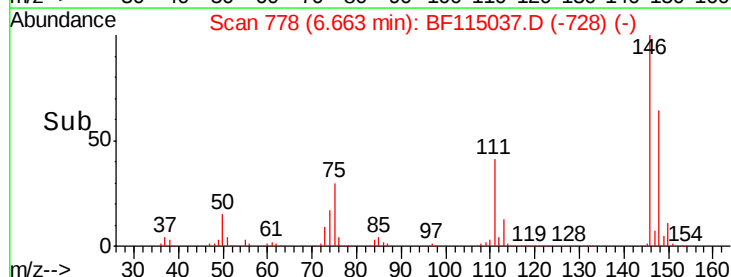


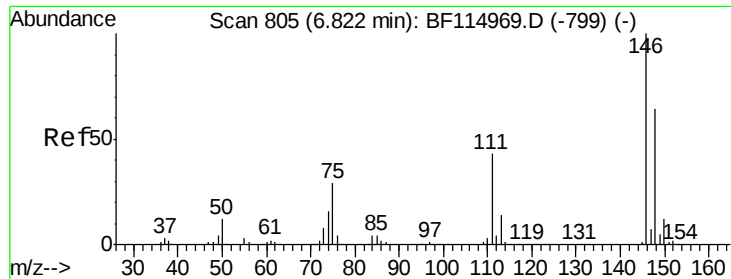
#13
 1,4-Dichlorobenzene
 Concen: 38.032 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF115037.D
 Acq: 14 Jun 2019 14:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.2
111	40.8	32.4	48.6



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

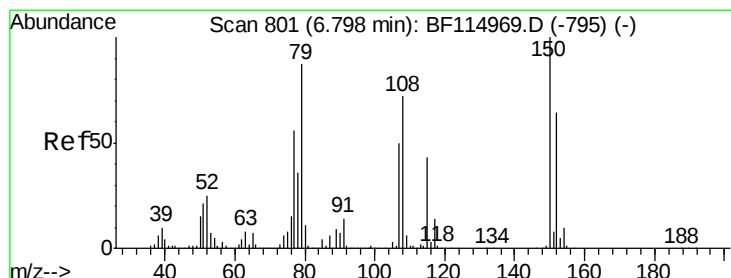
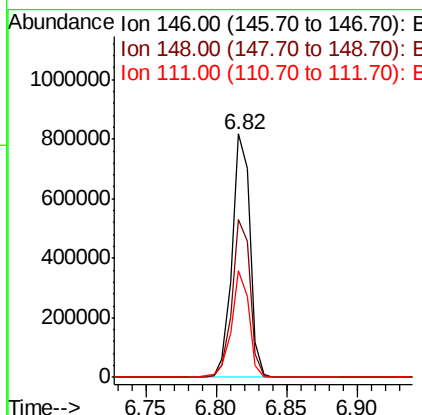
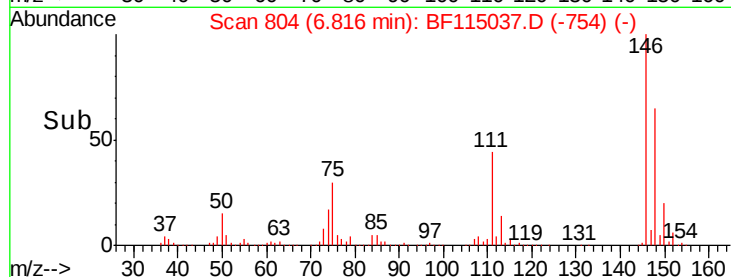
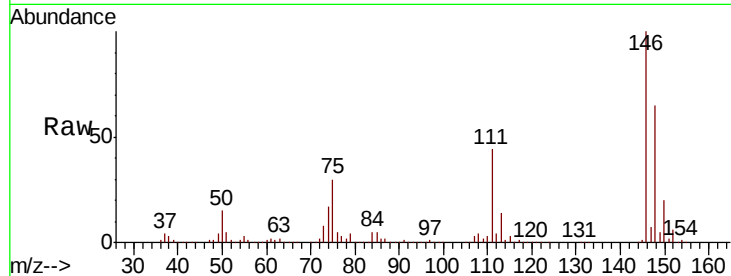




#14
1,2-Dichlorobenzene
Concen: 37.420 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

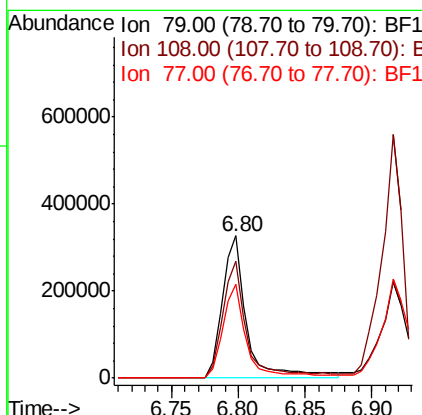
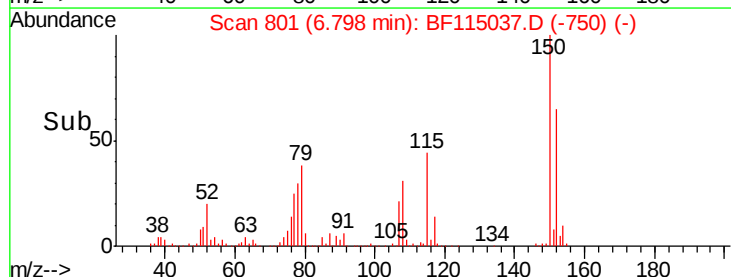
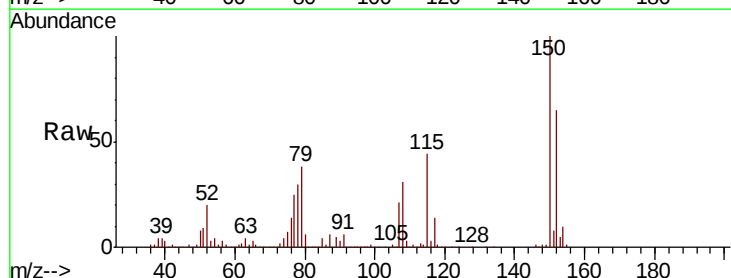
Instrument :
BNA_F
ClientSampled :

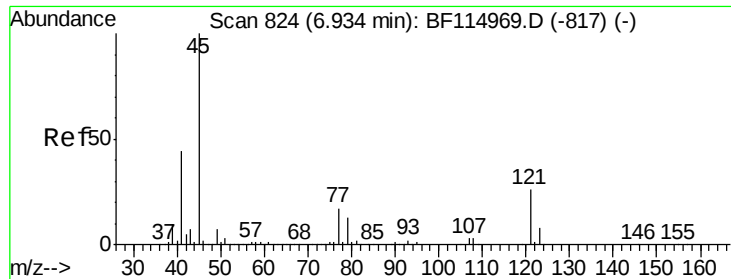
Tot Ion:146 Resp: 719270
Ion Ratio Lower Upper
146 100
148 64.9 51.5 77.3
111 43.8 34.6 51.8



#15
Benzyl Alcohol
Concen: 30.626 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Tgt Ion: 79 Resp: 424420
Ion Ratio Lower Upper
79 100
108 81.9 66.0 99.0
77 65.8 51.1 76.7

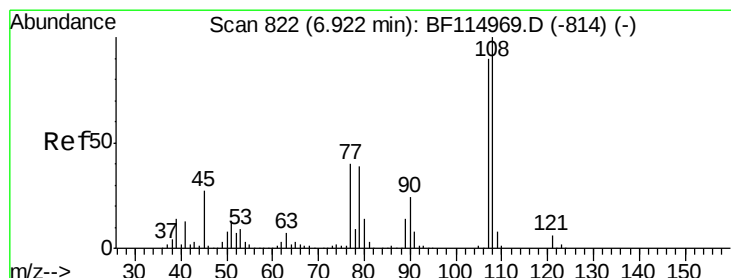
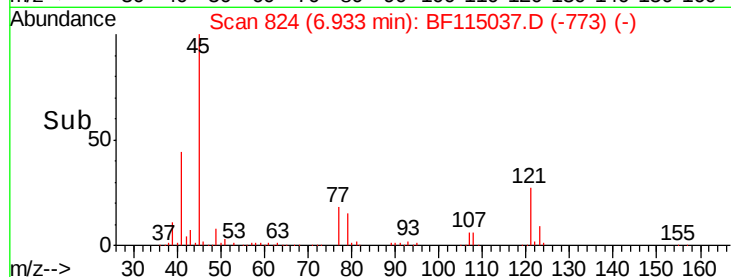
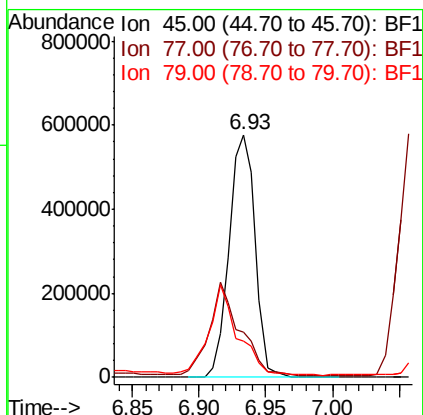
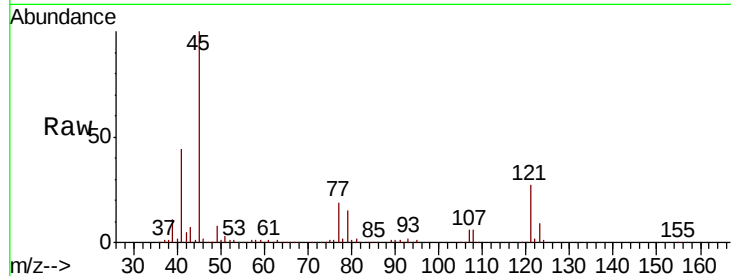




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 36.649 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

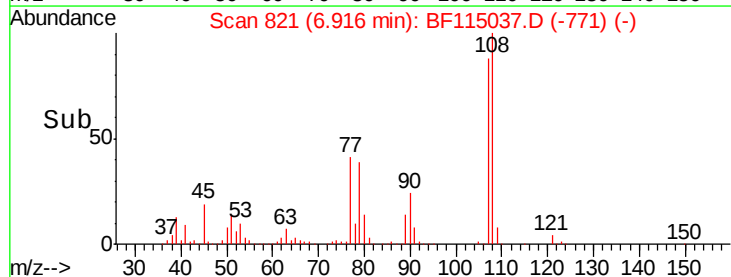
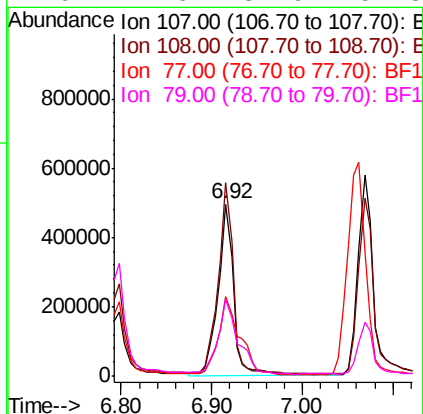
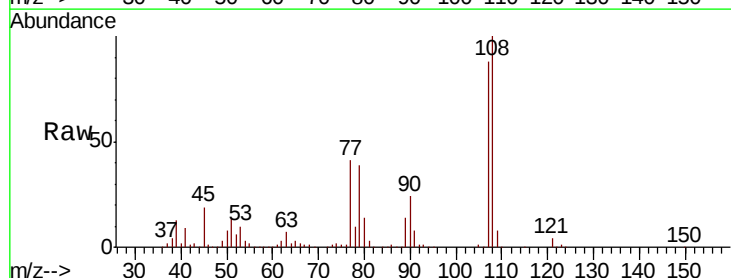
Instrument :
BNA_F
ClientSampleId :

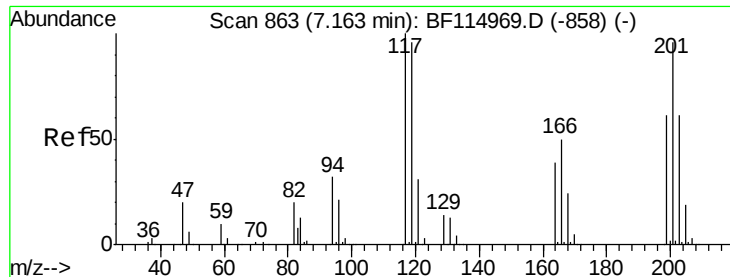
Tot Ion	Ratio	Lower	Upper
45	100		
77	18.7	0.0	37.0
79	15.0	0.0	33.1



#17
2-Methylphenol
Concen: 40.375 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.0	89.3	133.9
77	46.0	35.4	53.2
79	44.6	34.9	52.3

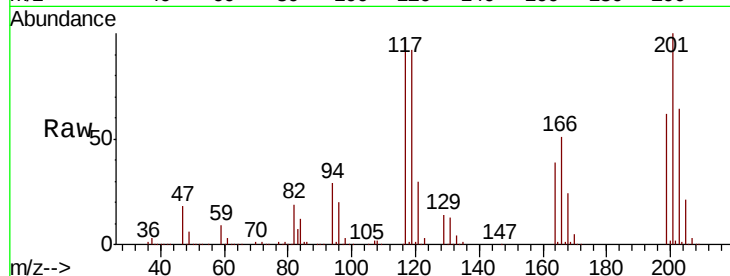




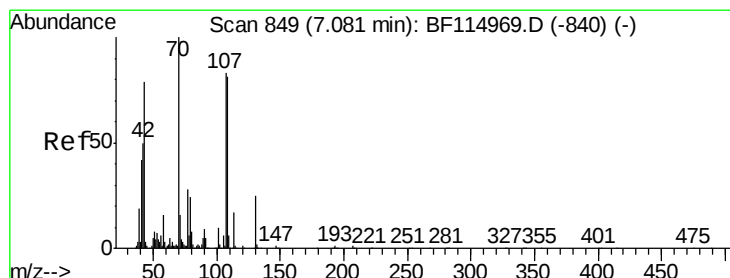
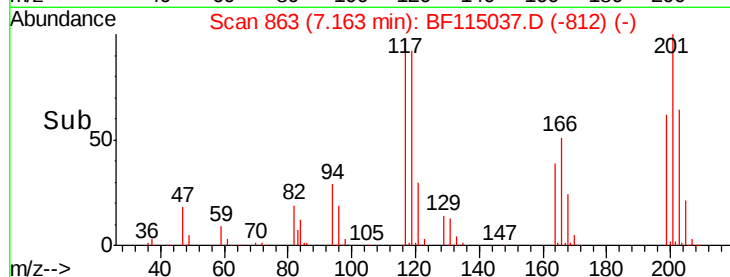
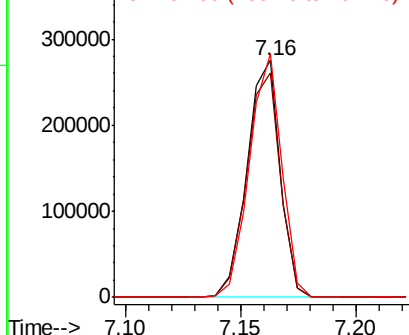
#18
Hexachloroethane
Concen: 37.292 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 274959
Ion Ratio Lower Upper
117 100
119 94.6 77.0 115.4
201 102.8 76.6 115.0

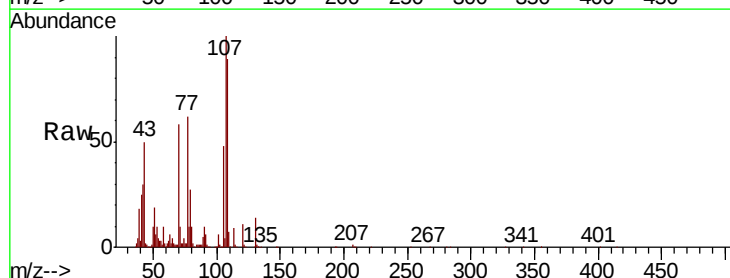


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

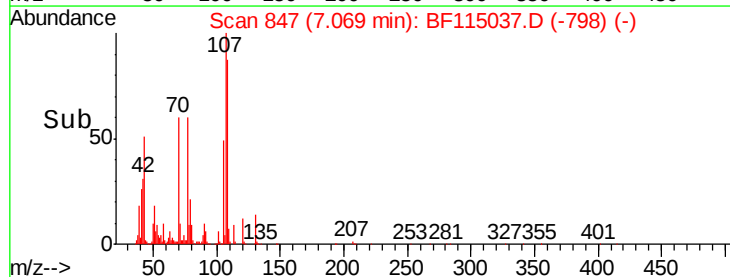
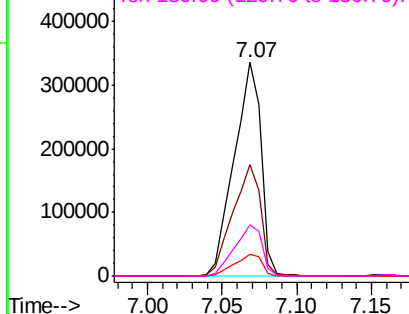


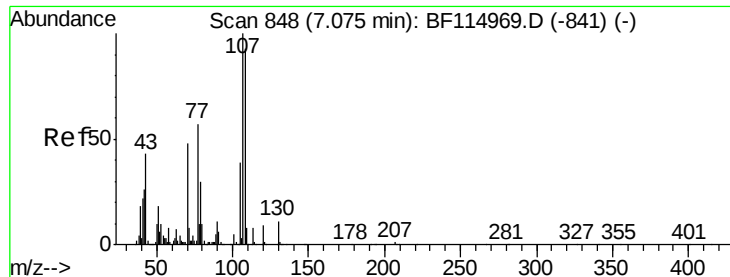
#19
n-Nitroso-di-n-propylamine
Concen: 37.711 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Tgt Ion: 70 Resp: 423792
Ion Ratio Lower Upper
70 100
42 52.2 40.3 60.5
101 9.9 8.2 12.4
130 23.7 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: 39.408 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 680175

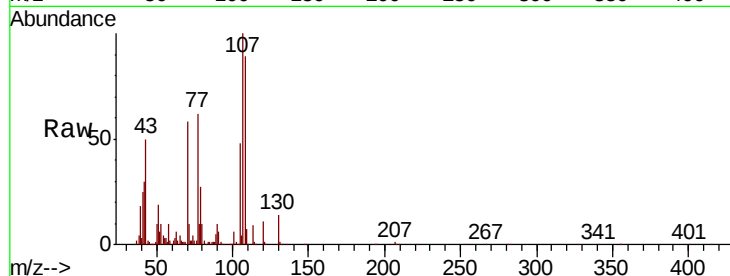
Ion Ratio Lower Upper

107 100

108 88.5 73.1 113.1

77 61.5 37.3 77.3

79 26.8 9.6 49.6

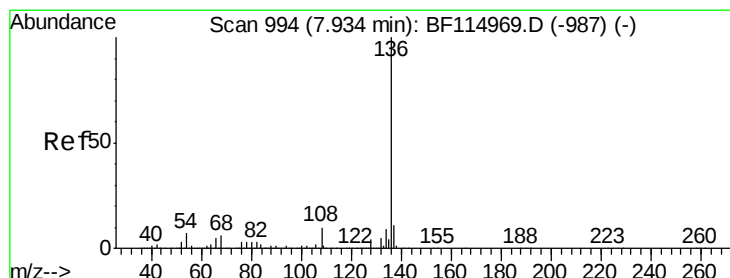
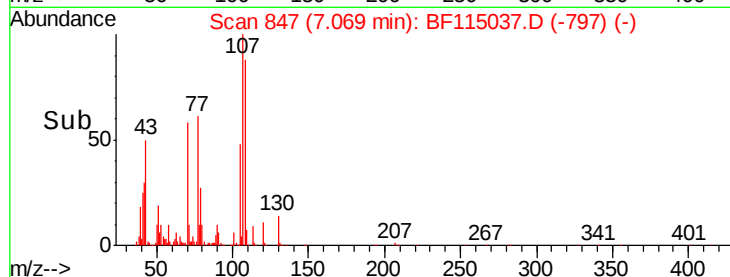
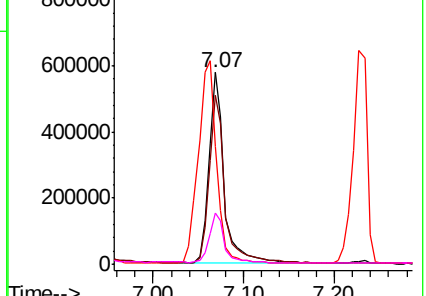


Abundance Ion 107.00 (106.70 to 107.70): E

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# 993

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

Tgt Ion:136 Resp: 996751

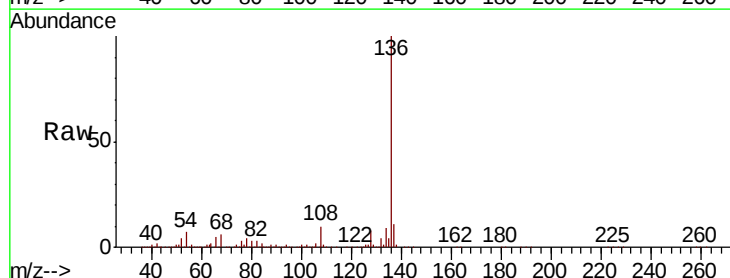
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.7 5.4 8.0

68 5.9 4.6 7.0

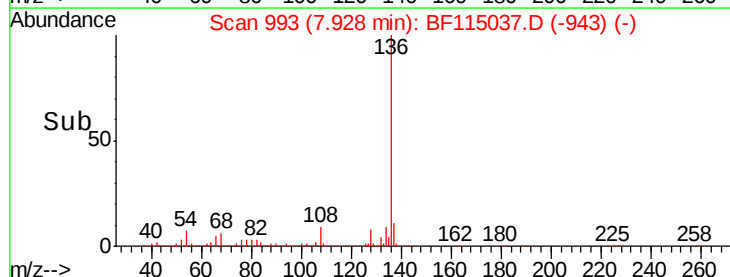
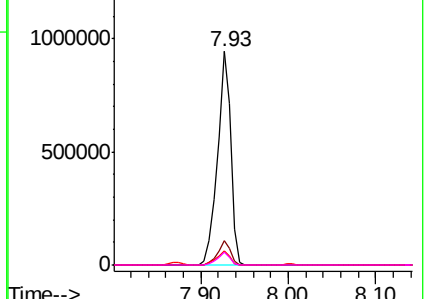


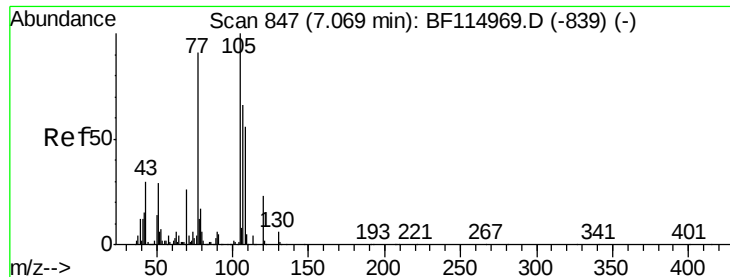
Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.998 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 925039

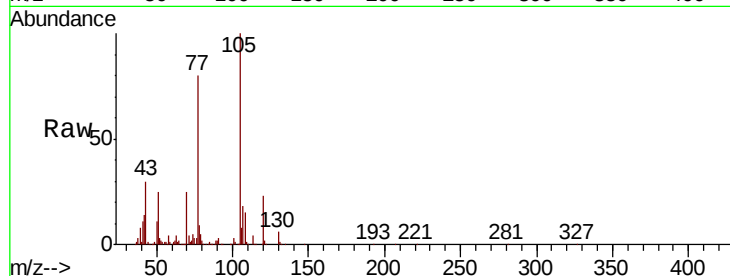
Ion Ratio Lower Upper

105 100

71 4.1 3.4 5.2

51 25.1 23.3 34.9

120 23.2 18.8 28.2

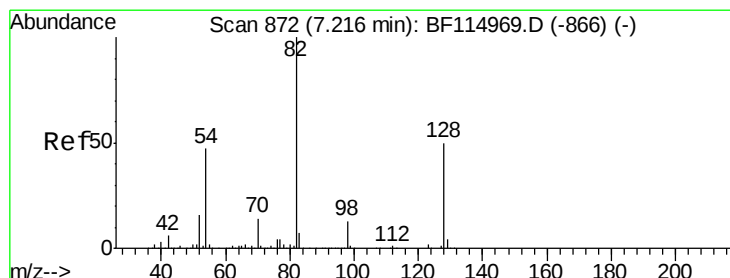
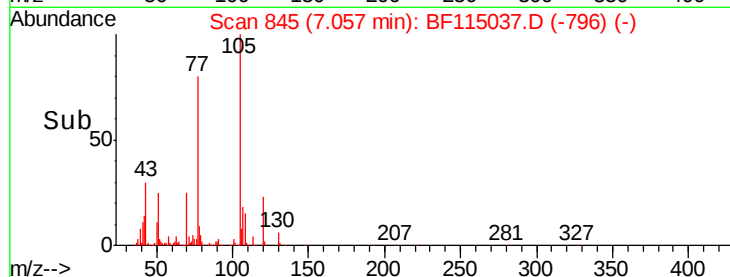
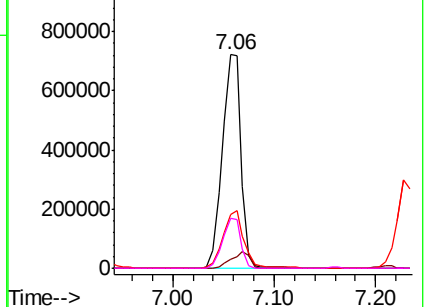


Abundance Ion 105.00 (104.70 to 105.70): E

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: 69.727 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

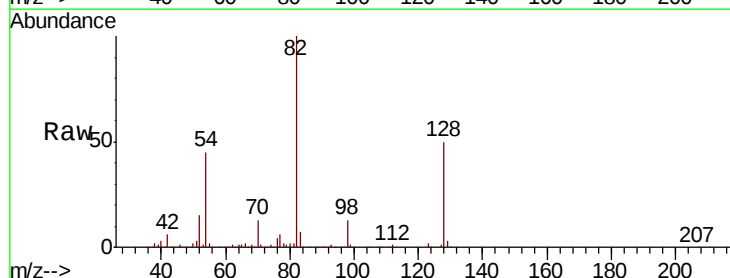
Tgt Ion: 82 Resp: 1154651

Ion Ratio Lower Upper

82 100

128 49.6 39.9 59.9

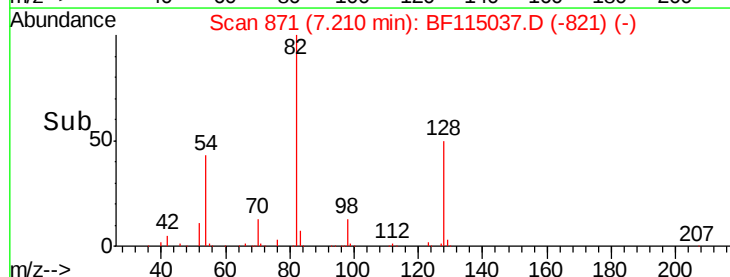
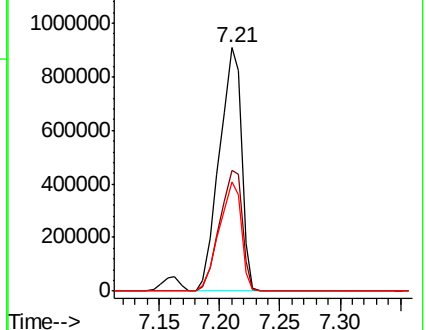
54 45.1 37.3 55.9

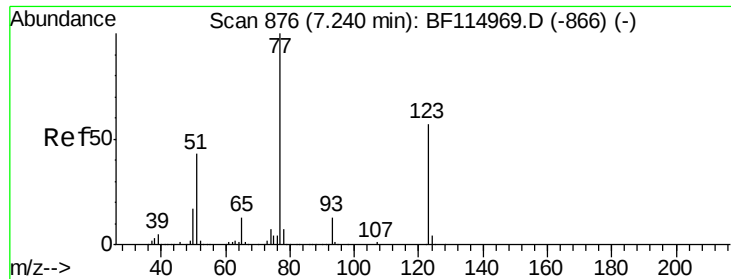


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

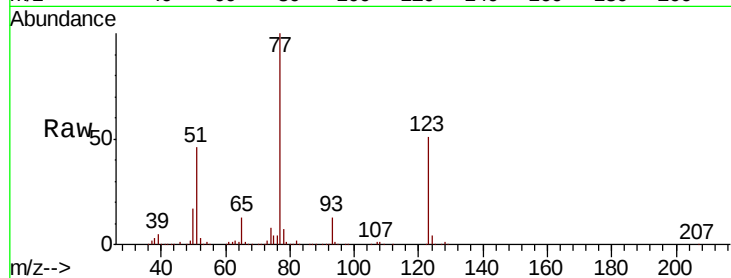




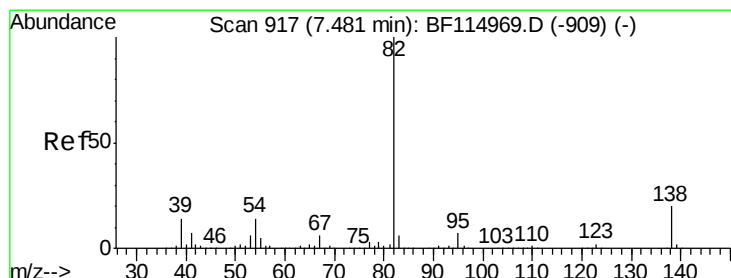
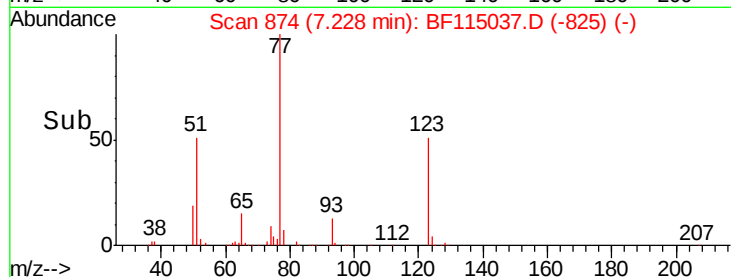
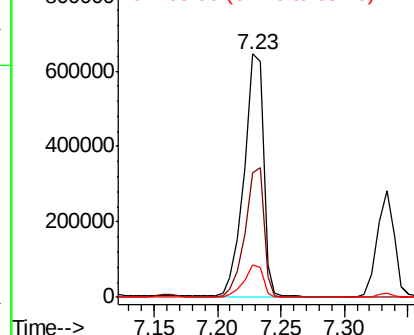
#24
Nitrobenzene
Concen: 40.331 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
123	51.0	45.5	68.3
65	13.1	10.3	15.5

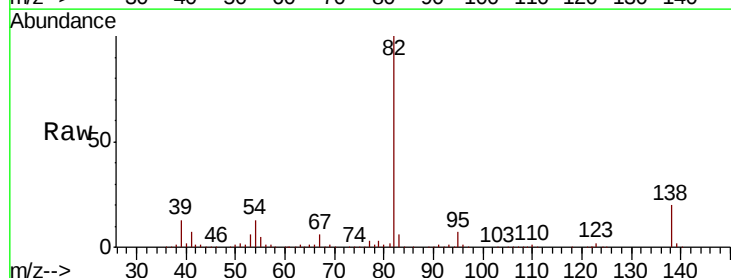


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

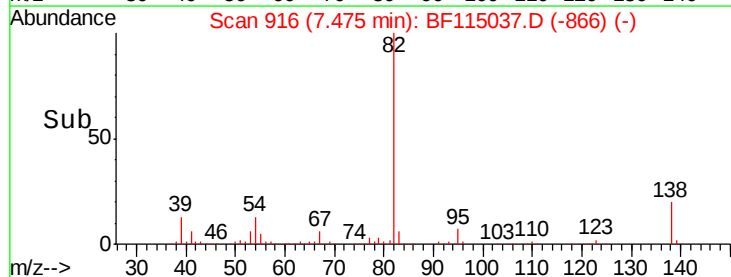
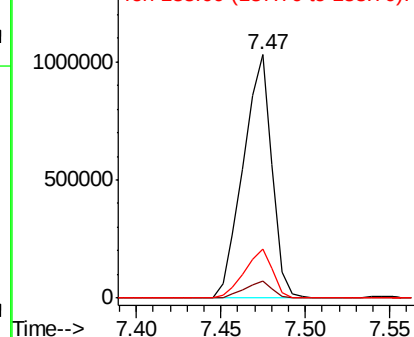


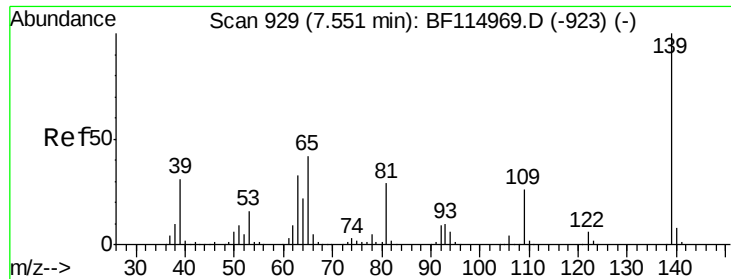
#25
Isophorone
Concen: 39.619 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Tgt 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

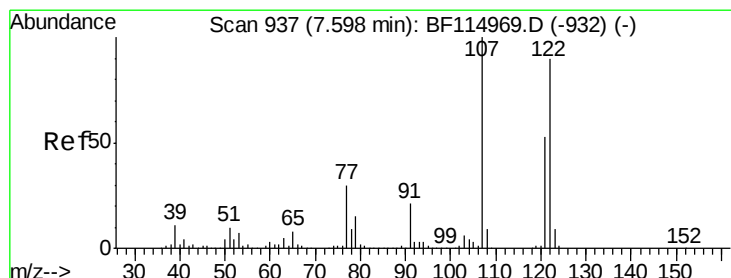
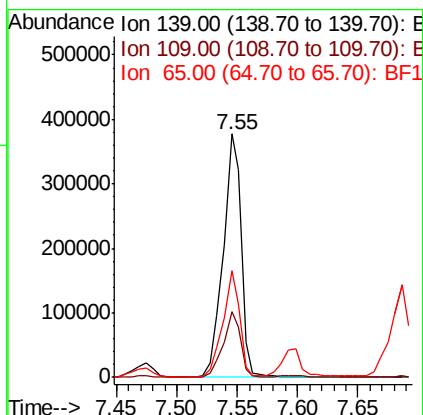
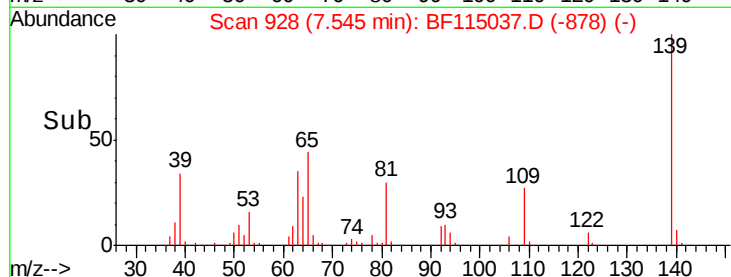
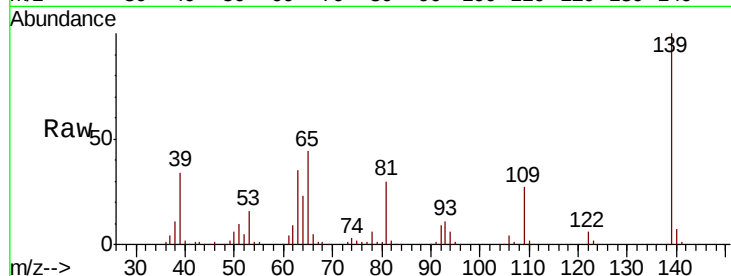




#26
2-Nitrophenol
Concen: 41.469 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

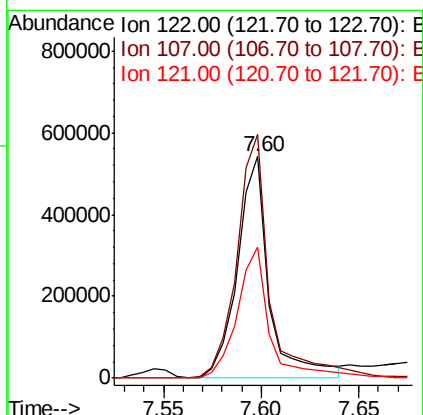
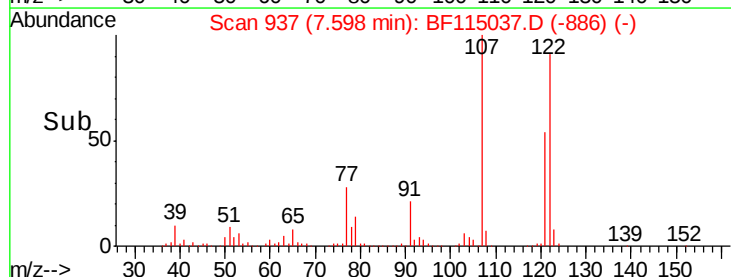
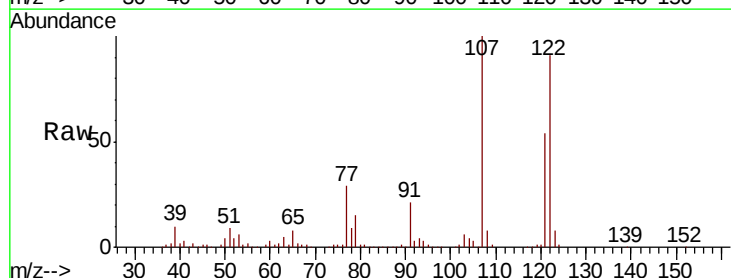
Instrument :
BNA_F
ClientSampleId :

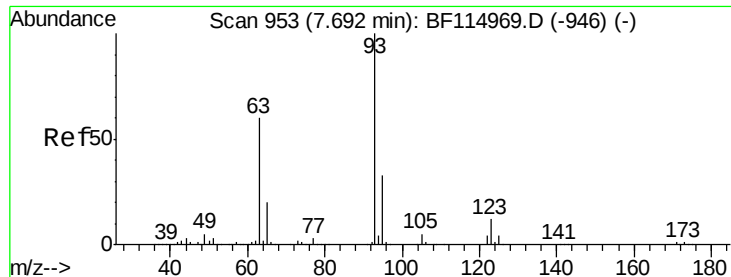
Tot Ion	Ratio	Lower	Upper
139	100		
109	26.8	20.8	31.2
65	44.1	33.4	50.2



#27
2,4-Dimethylphenol
Concen: 45.056 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.9	88.8	133.2
121	59.3	47.4	71.0

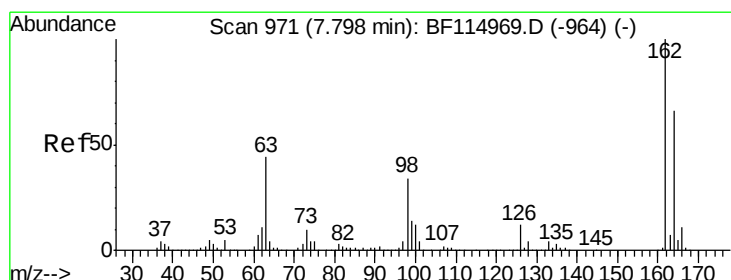
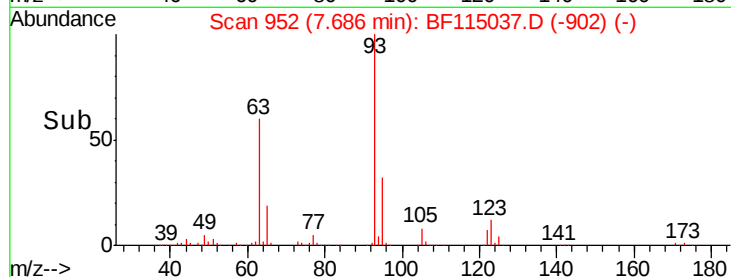
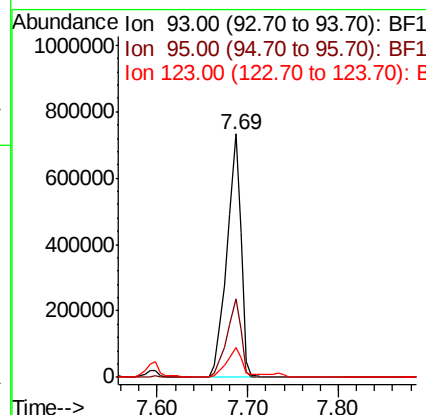
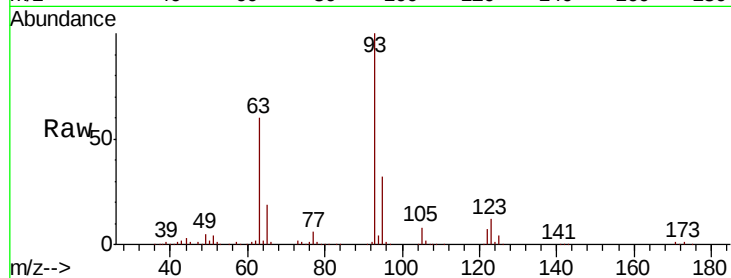




#28
bis(2-Chloroethoxy)methane
Concen: 38.933 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

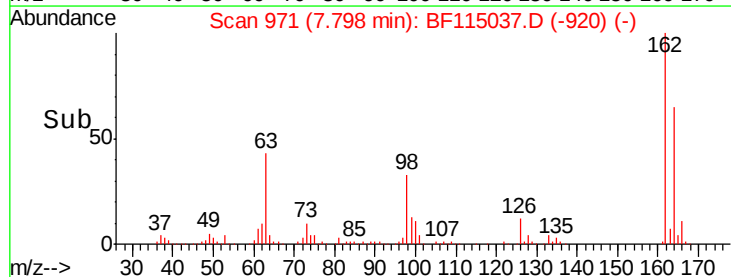
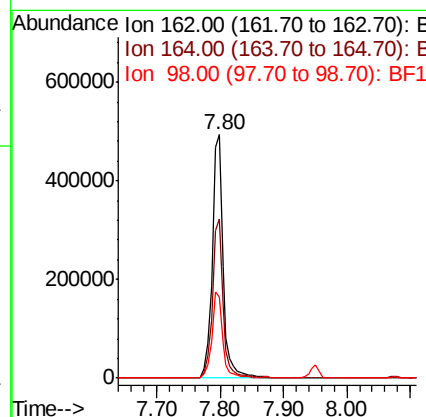
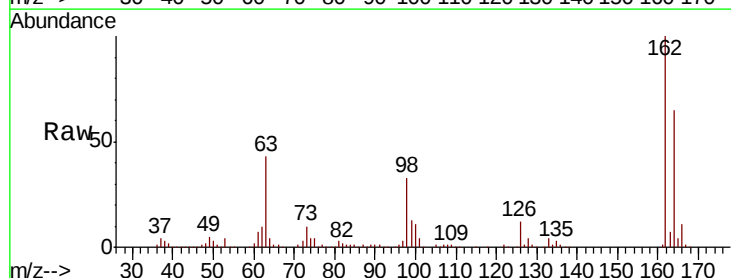
Instrument :
BNA_F
ClientSampleId :

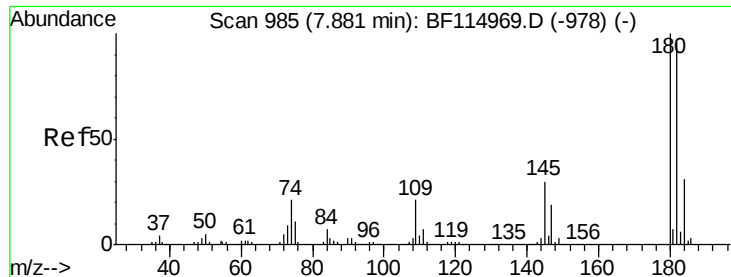
Tot Ion: 93 Resp: 774718
Ion Ratio Lower Upper
93 100
95 32.5 26.6 40.0
123 12.3 9.9 14.9



#29
2,4-Dichlorophenol
Concen: 41.491 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.00 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Tgt Ion:162 Resp: 593808
Ion Ratio Lower Upper
162 100
164 65.2 45.7 85.7
98 33.1 14.0 54.0

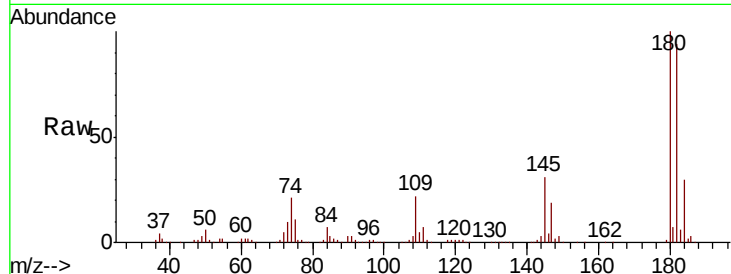




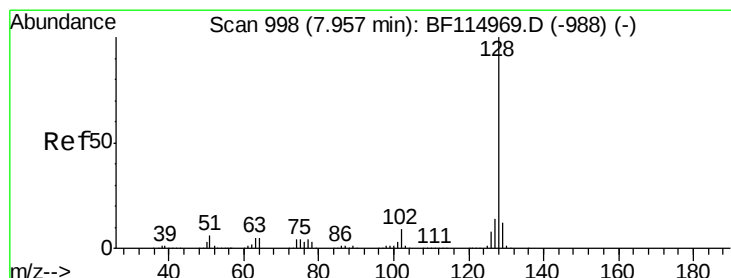
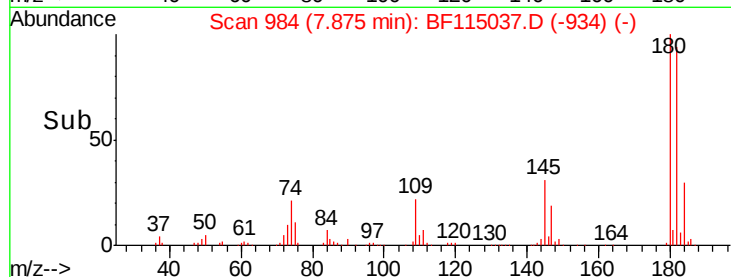
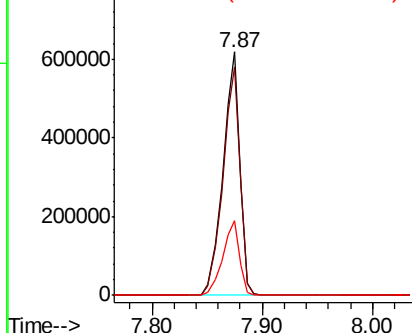
#30
1,2,4-Trichlorobenzene
Concen: 39.626 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:180 Resp: 655294
Ion Ratio Lower Upper
180 100
182 93.6 76.7 115.1
145 30.7 24.1 36.1

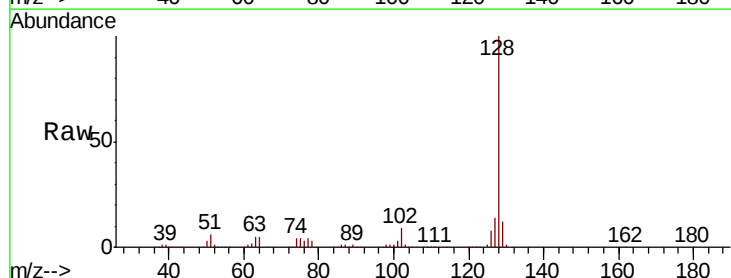


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

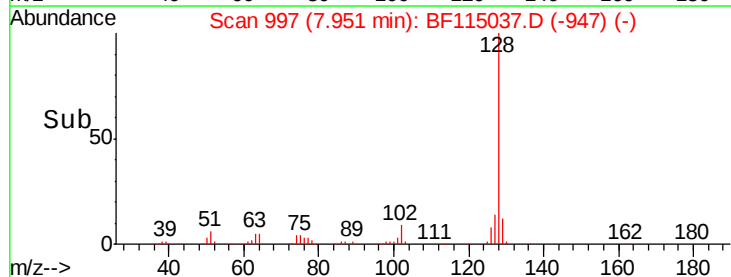
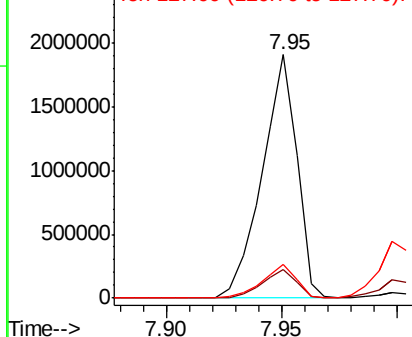


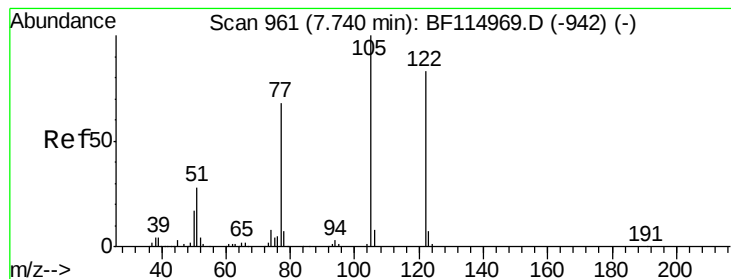
#31
Naphthalene
Concen: 42.293 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Tgt Ion:128 Resp: 1994574
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.7 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: 38.999 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

Instrument :

BNA_F

ClientSampleId :

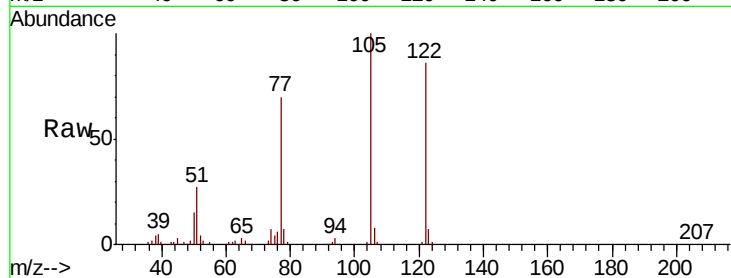
Tot Ion:122 Resp: 382280

Ion Ratio Lower Upper

122 100

105 116.5 98.6 138.6

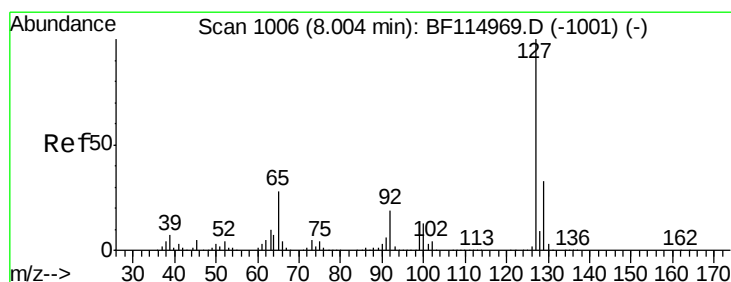
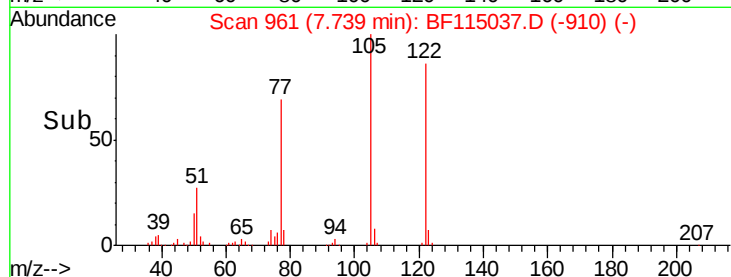
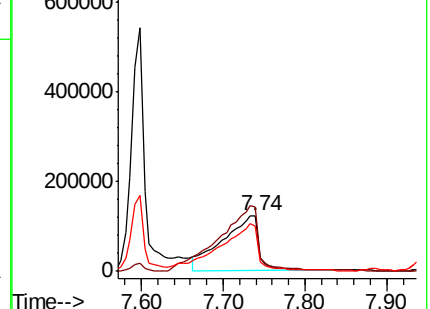
77 81.7 60.9 100.9



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: 23.076 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

Tgt Ion:127 Resp: 502348

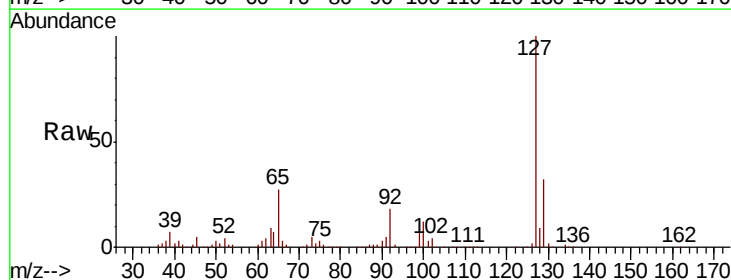
Ion Ratio Lower Upper

127 100

129 32.3 26.1 39.1

65 27.2 22.3 33.5

92 17.9 15.3 22.9

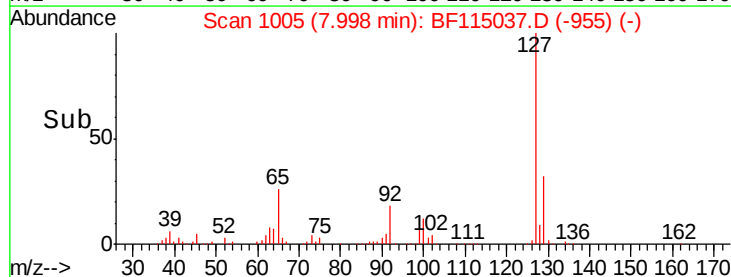
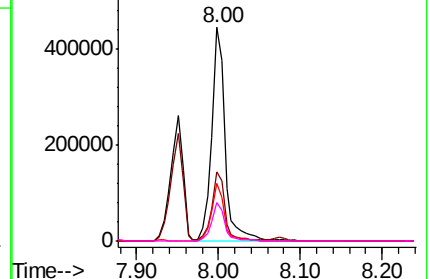


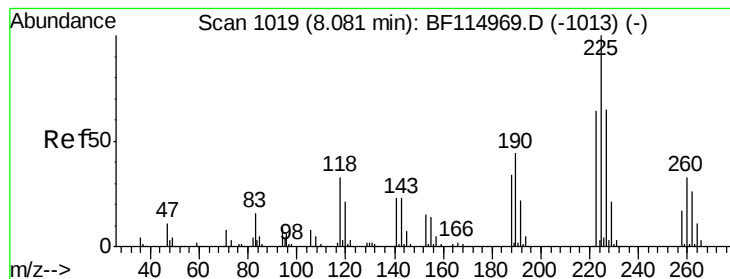
Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.331 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

Instrument :

BNA_F

ClientSampled :

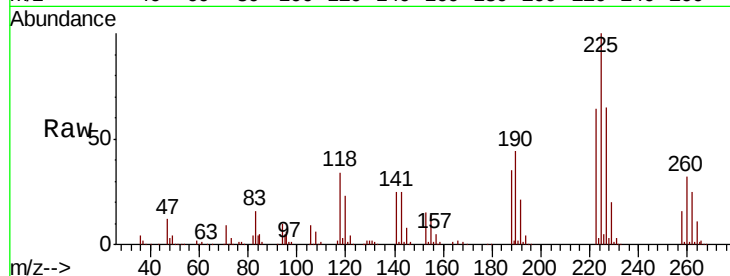
Tot Ion:225 Resp: 352331

Ion Ratio Lower Upper

225 100

223 64.2 51.0 76.6

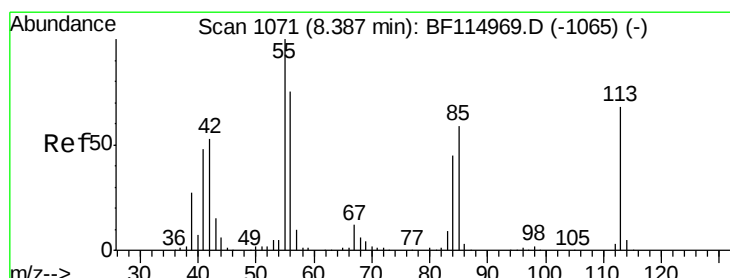
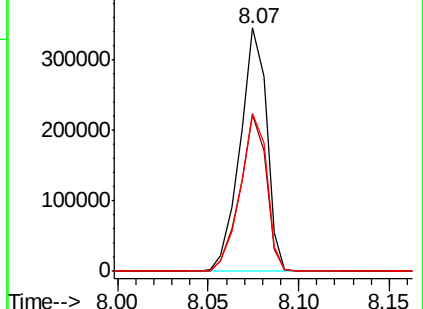
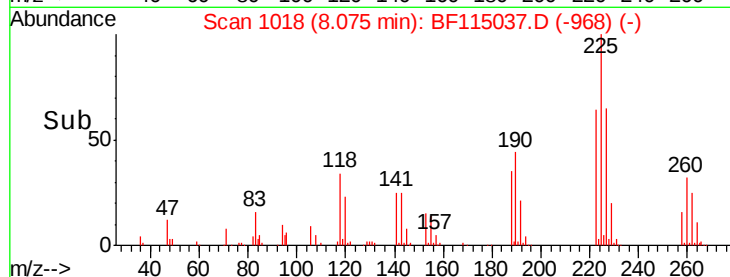
227 64.7 51.7 77.5



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: 23.914 ng

RT: 8.37 min Scan# 1068

Delta R.T. -0.02 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

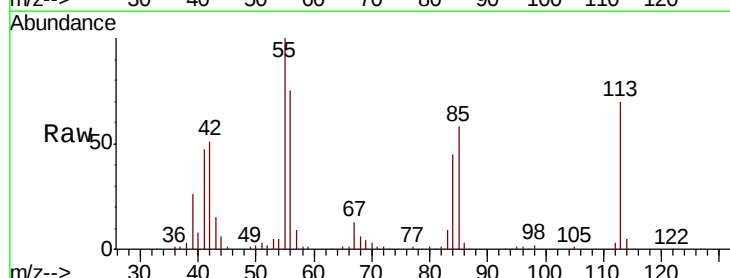
Tgt Ion:113 Resp: 113991

Ion Ratio Lower Upper

113 100

55 143.0 127.3 167.3

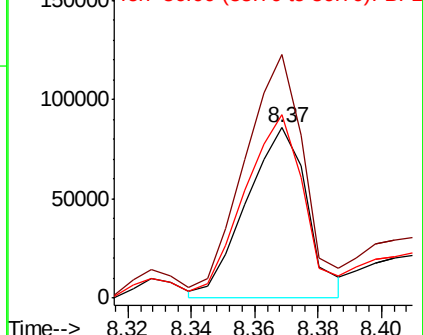
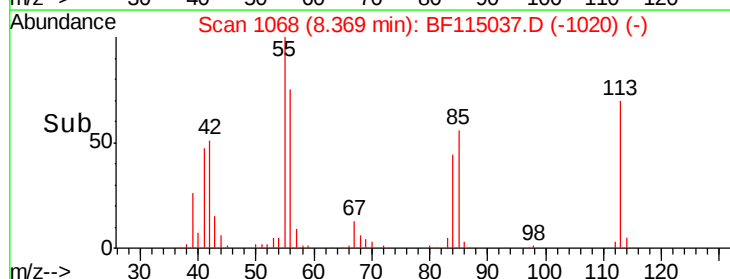
56 107.6 90.6 130.6

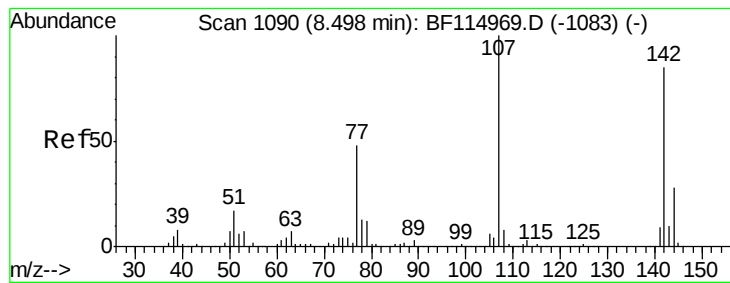


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

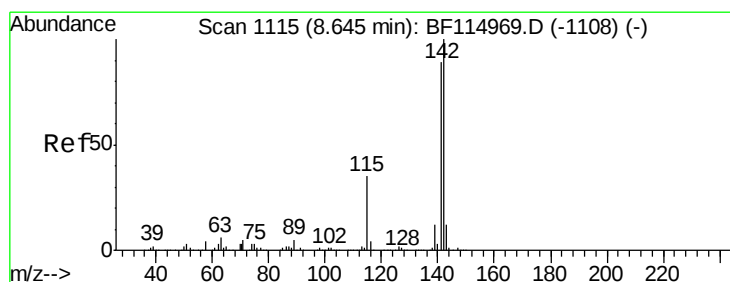
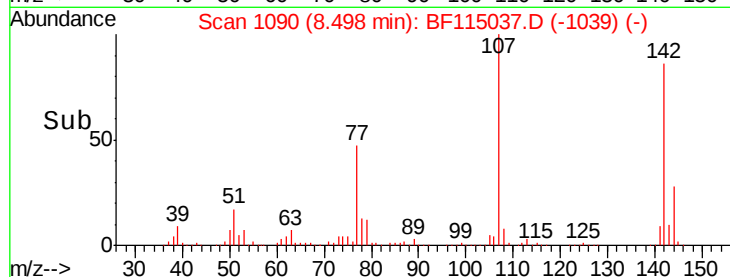
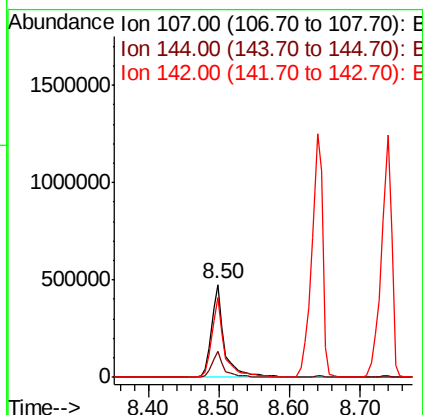
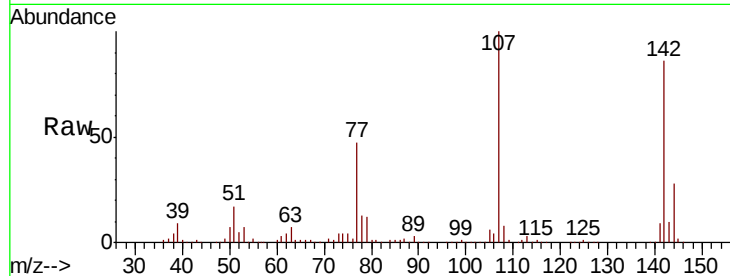




#36
 4-Chloro-3-methylphenol
 Concen: 42.095 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF115037.D
 Acq: 14 Jun 2019 14:03

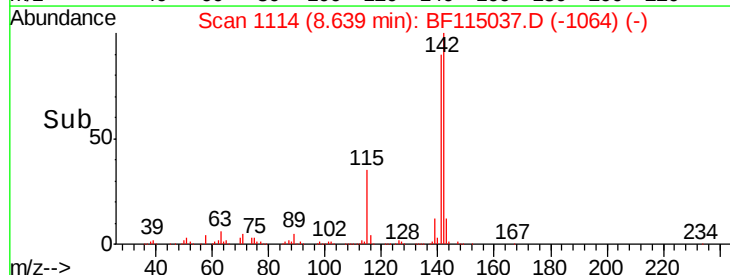
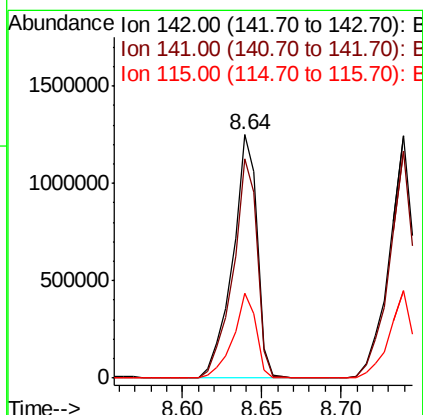
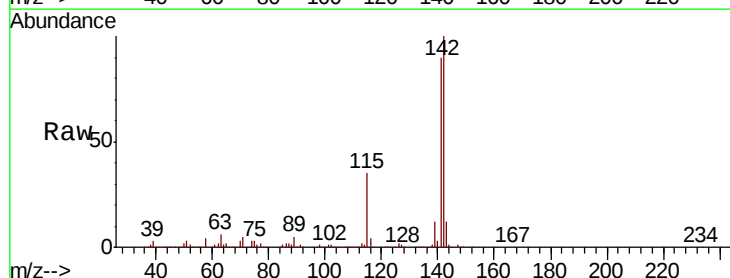
Instrument :
 BNA_F
 ClientSampleId :

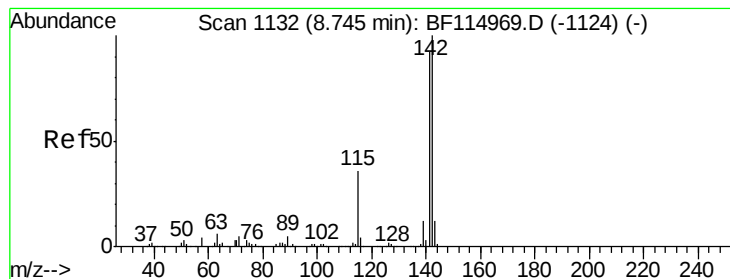
Tot Ion:107 Resp: 607118
 Ion Ratio Lower Upper
 107 100
 144 27.7 22.0 33.0
 142 85.7 68.2 102.4



#37
 2-Methylnaphthalene
 Concen: 42.474 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF115037.D
 Acq: 14 Jun 2019 14:03

Tgt Ion:142 Resp: 1336006
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.0 106.6
 115 34.7 27.9 41.9





#38

1-Methylnaphthalene

Concen: 42.117 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

Instrument :

BNA_F

ClientSampleId :

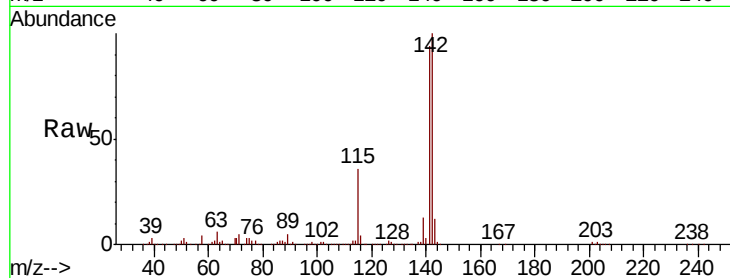
Tot Ion:142 Resp: 1252101

Ion Ratio Lower Upper

142 100

141 93.8 73.8 110.8

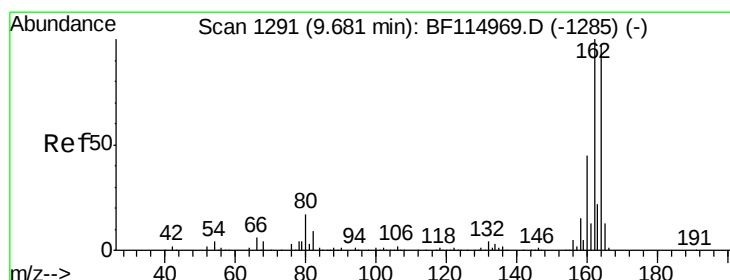
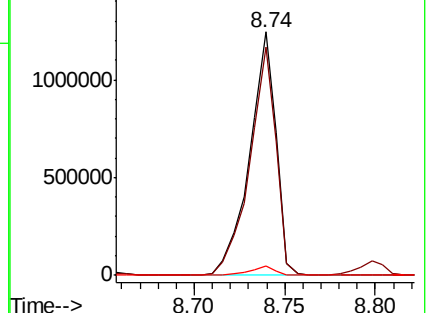
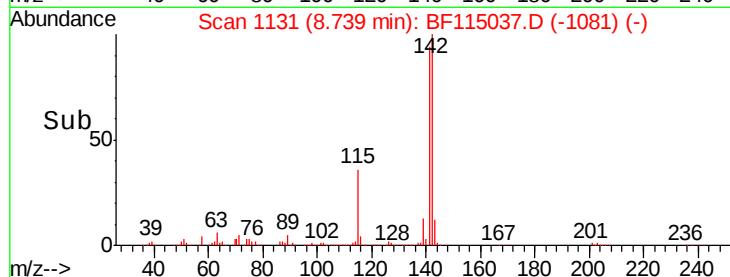
116 3.8 2.9 4.3



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: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

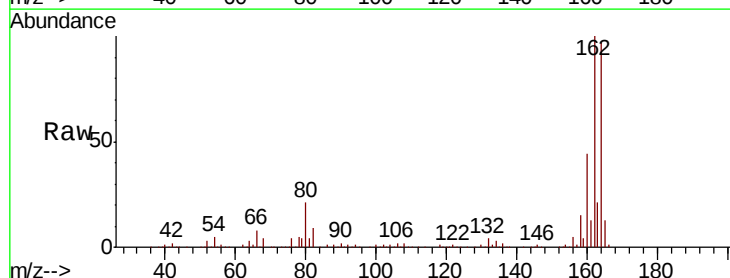
Tgt Ion:164 Resp: 476357

Ion Ratio Lower Upper

164 100

162 102.8 82.6 124.0

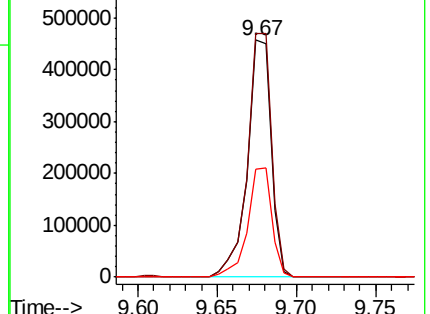
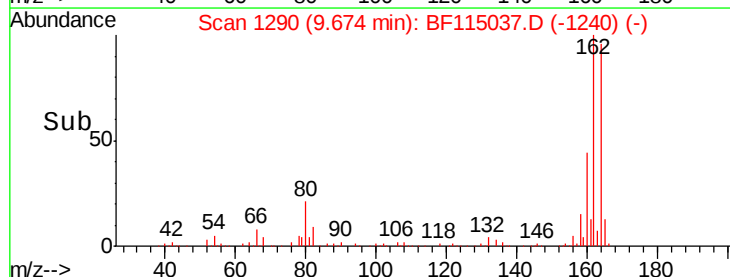
160 45.4 36.9 55.3

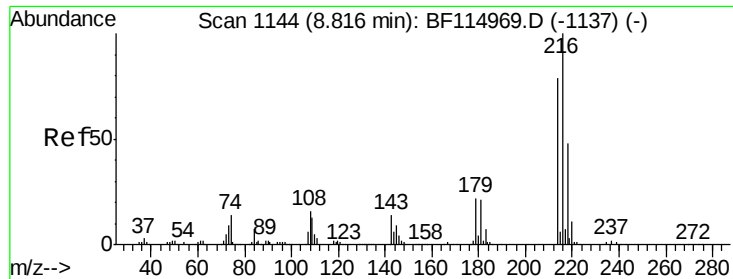


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

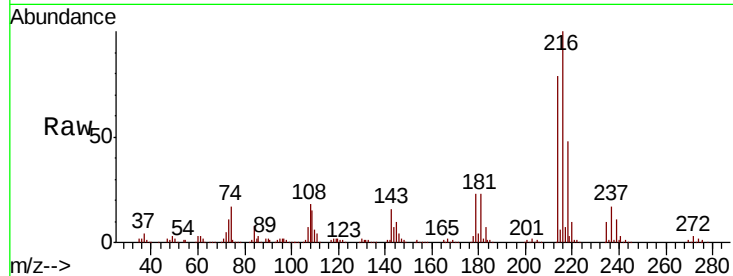




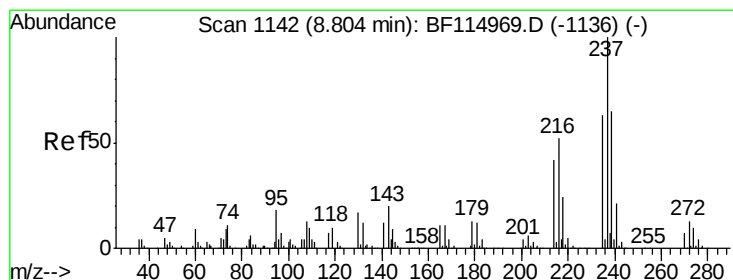
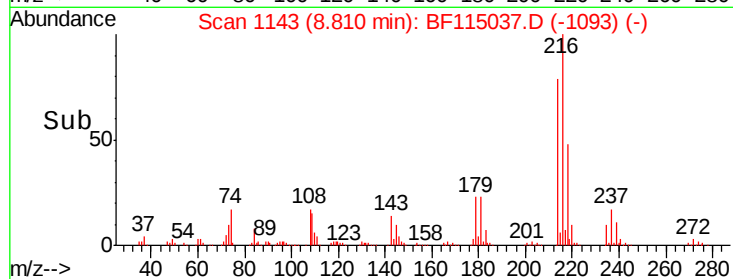
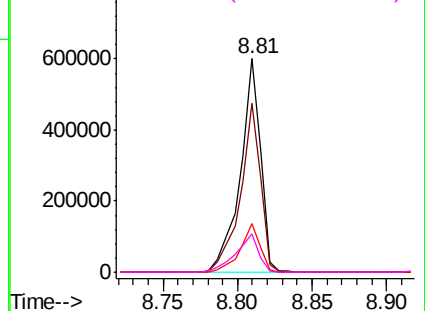
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.453 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF115037.D
 Acq: 14 Jun 2019 14:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	569304
Ion Ratio	Lower	Upper
216	100	
214	78.7	63.7 95.5
179	22.4	18.2 27.4
108	20.4	15.0 22.6

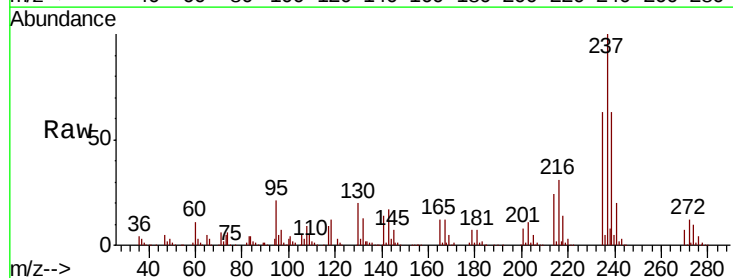


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

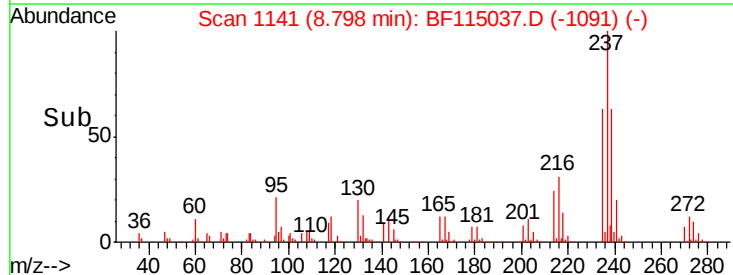
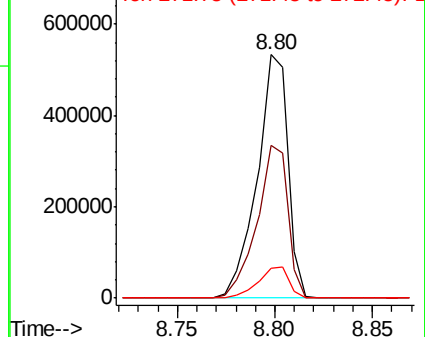


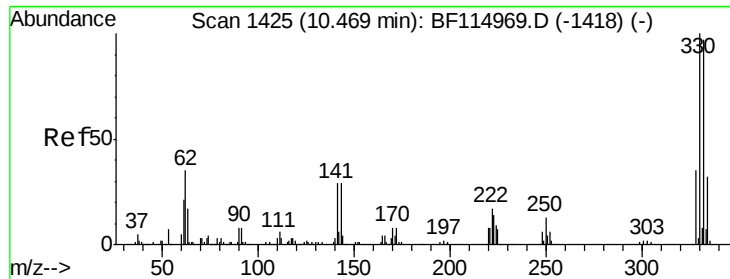
#41
 Hexachlorocyclopentadiene
 Concen: 84.054 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF115037.D
 Acq: 14 Jun 2019 14:03

Tgt Ion:237	Resp:	582893
Ion Ratio	Lower	Upper
237	100	
235	62.6	42.7 82.7
272	12.4	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

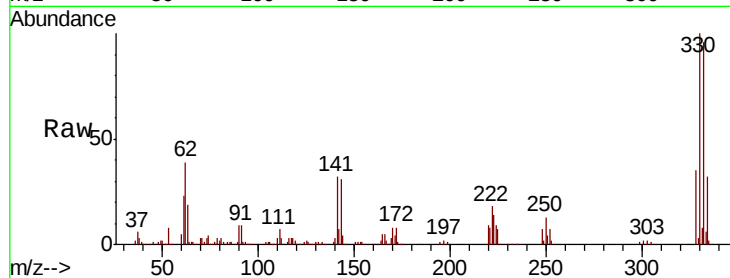




#42
 2,4,6-Tribromophenol
 Concen: 74.538 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115037.D
 Acq: 14 Jun 2019 14:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	Resp	380227
Ion Ratio	100	Lower	Upper
330	100		
332	96.4	77.6	116.4
141	33.2	27.2	40.8

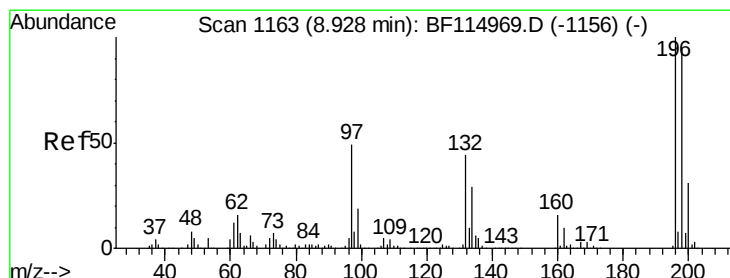
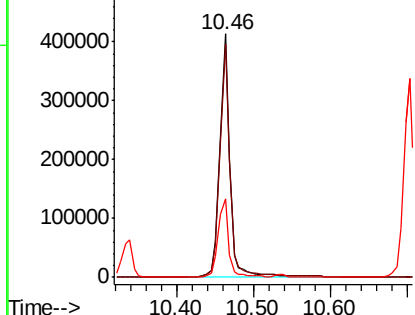
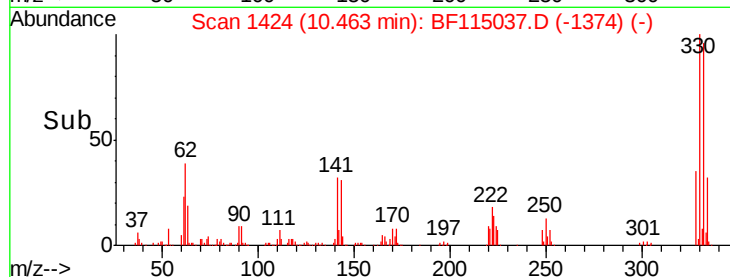


Abundance

Ion 329.80 (329.50 to 330.50): E

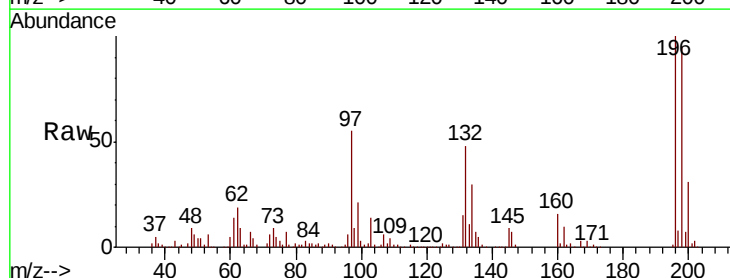
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 38.385 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF115037.D
 Acq: 14 Jun 2019 14:03

Tgt Ion	196	Resp	403478
Ion Ratio	100	Lower	Upper
196	100		
198	95.1	75.8	113.8
200	30.6	24.9	37.3

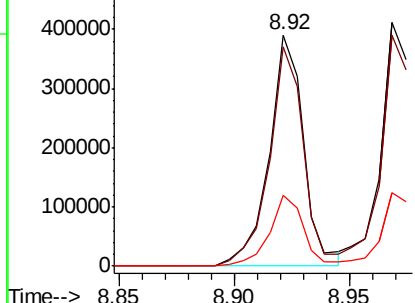
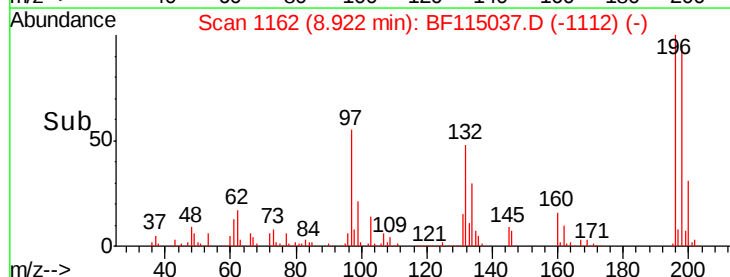


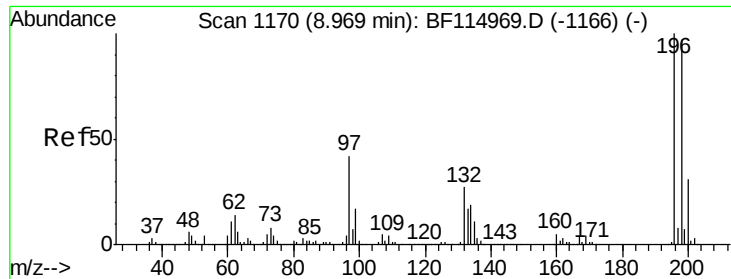
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

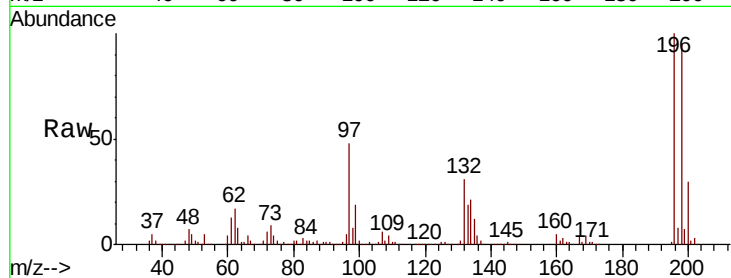




#44
2,4,5-Trichlorophenol
Concen: 41.940 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.3	115.9
97	48.1	34.2	51.4
132	30.7	22.1	33.1



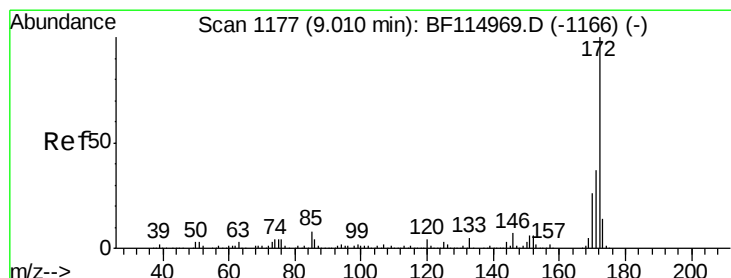
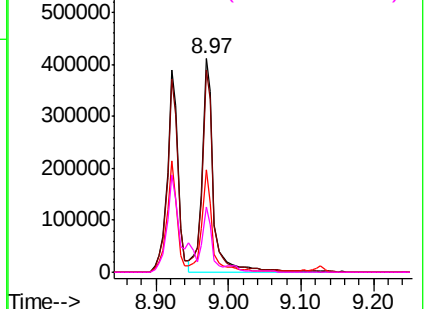
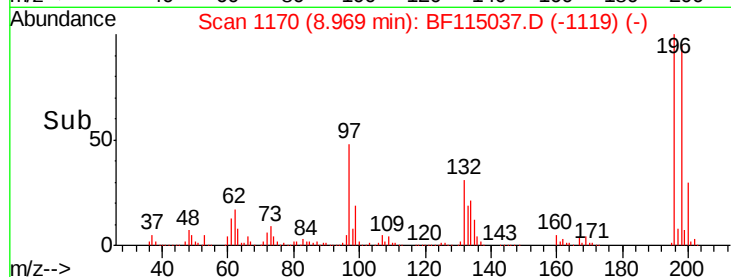
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

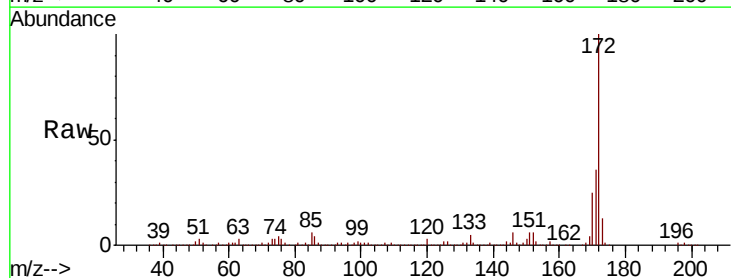
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
2-Fluorobiphenyl
Concen: 78.570 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.8	44.6
170	24.9	20.6	31.0

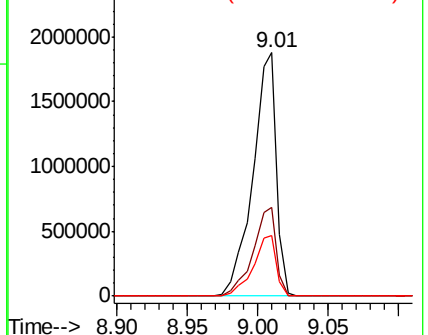
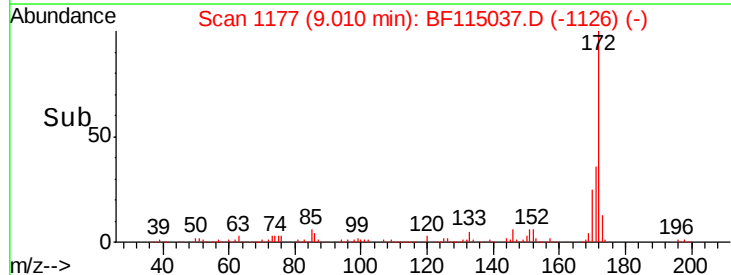


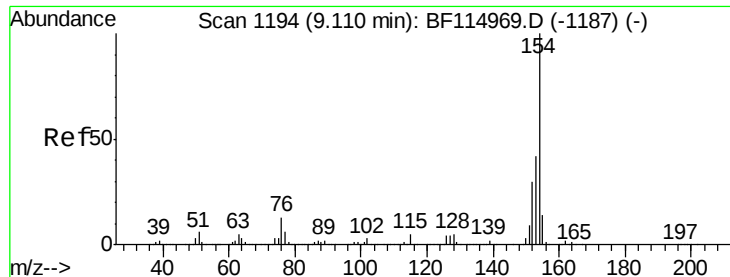
Abundance

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

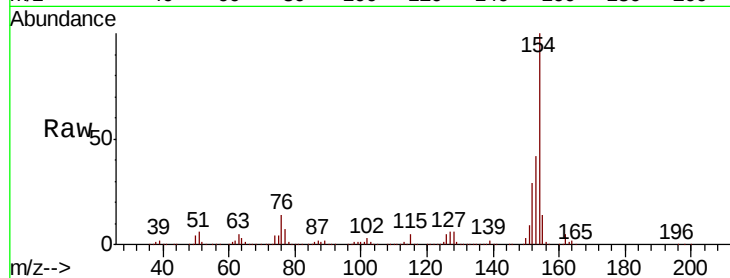




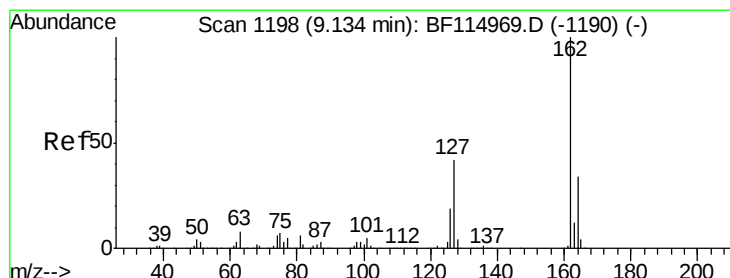
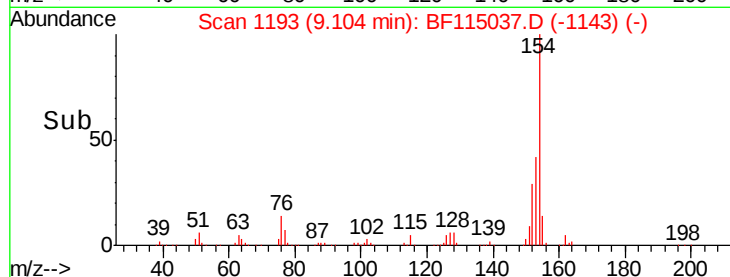
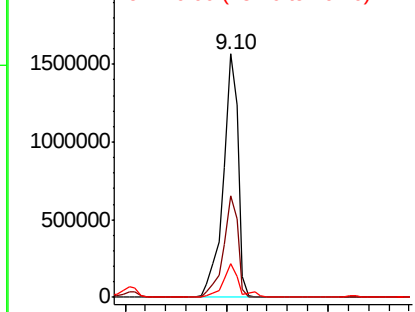
#46
 1,1'-Biphenyl
 Concen: 41.338 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115037.D
 Acq: 14 Jun 2019 14:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1577998
 Ion Ratio Lower Upper
 154 100
 153 41.7 22.4 62.4
 76 13.8 0.0 33.3

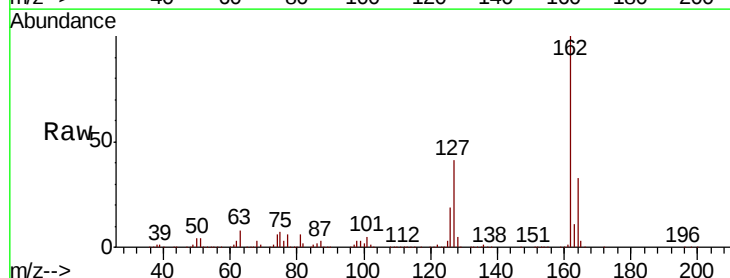


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

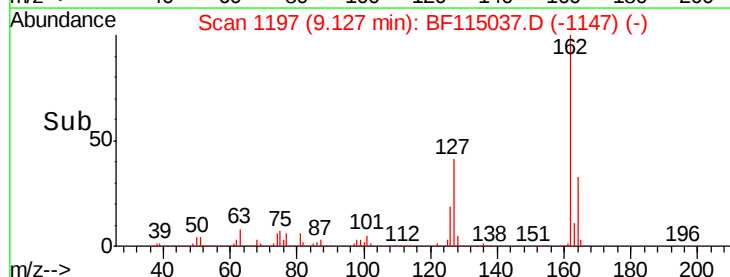
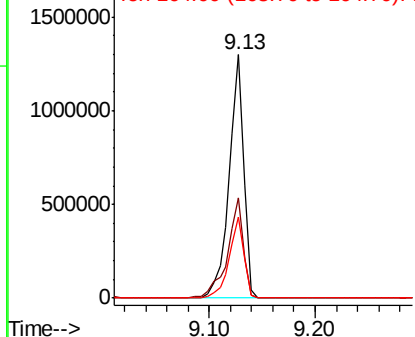


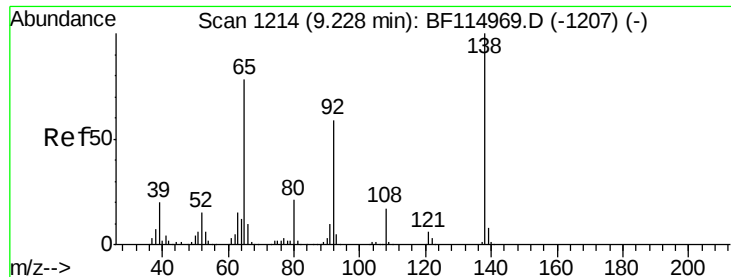
#47
 2-Chloronaphthalene
 Concen: 40.081 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF115037.D
 Acq: 14 Jun 2019 14:03

Tgt Ion:162 Resp: 1237232
 Ion Ratio Lower Upper
 162 100
 127 41.1 33.4 50.2
 164 33.3 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

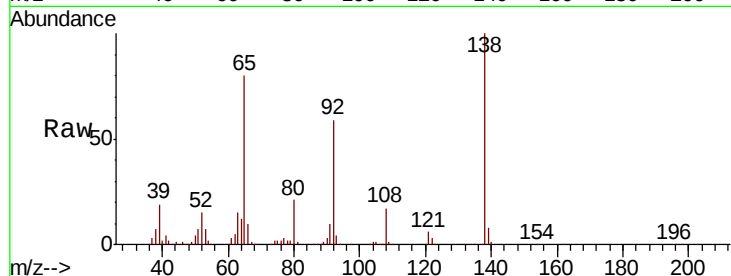




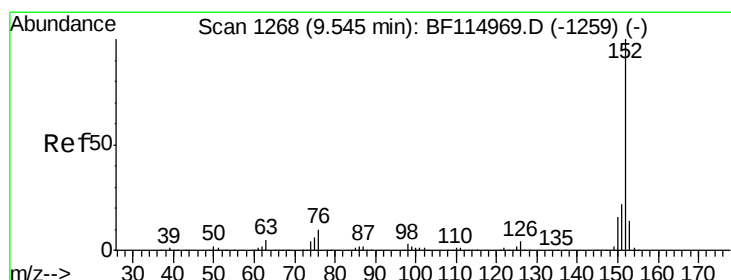
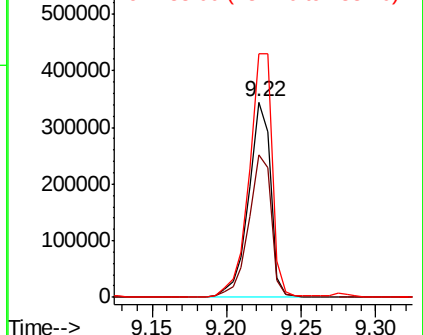
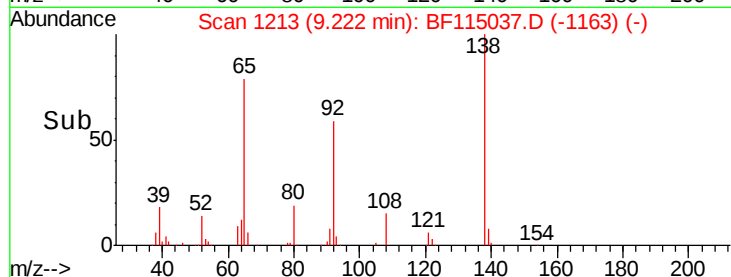
#48
2-Nitroaniline
Concen: 38.642 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 352561
Ion Ratio Lower Upper
65 100
92 73.0 60.5 90.7
138 124.7 102.0 153.0

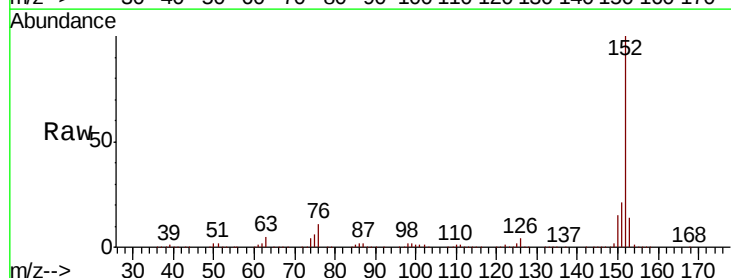


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

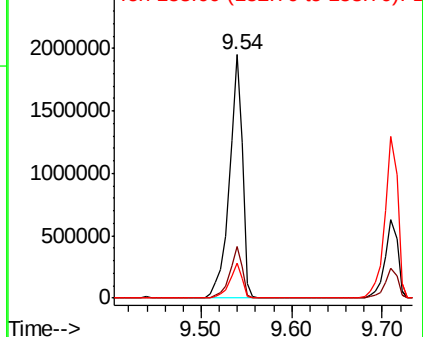
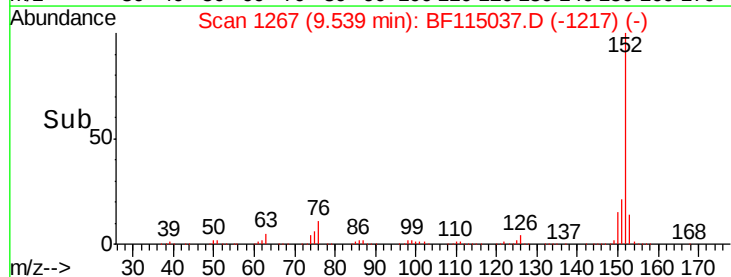


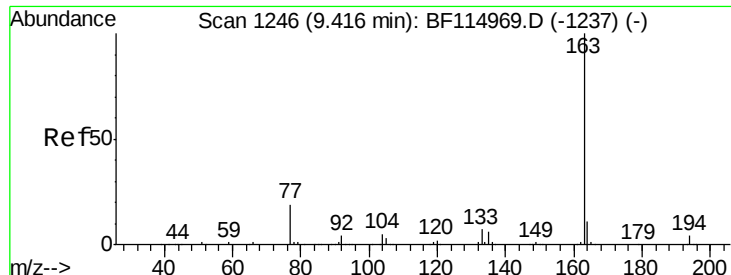
#49
Acenaphthylene
Concen: 40.844 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Tgt Ion: 152 Resp: 1938498
Ion Ratio Lower Upper
152 100
151 21.2 17.5 26.3
153 14.1 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

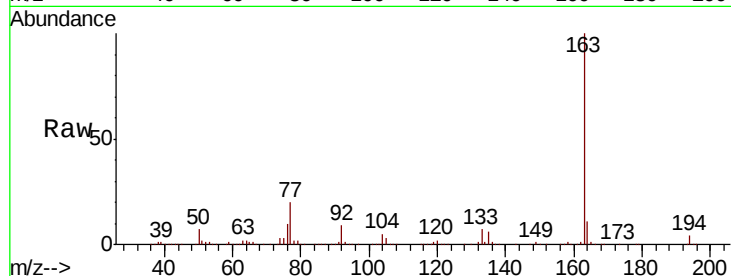




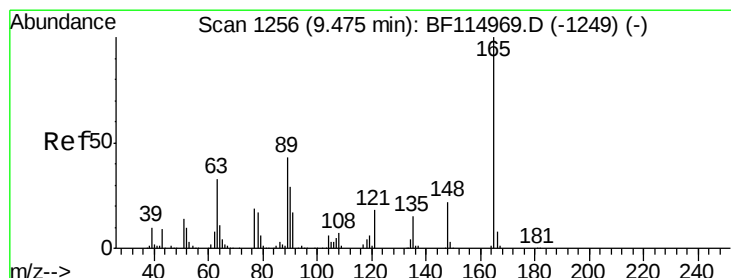
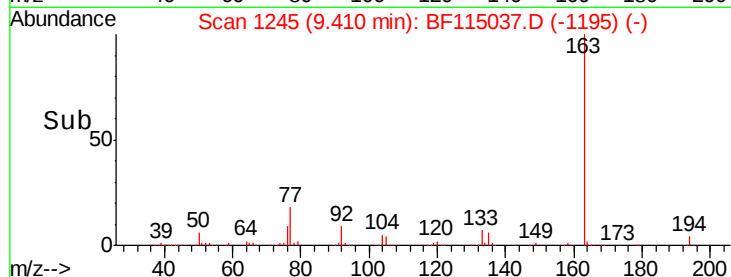
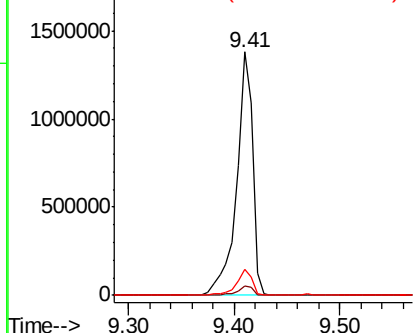
#50
Dimethylphthalate
Concen: 39.636 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1419930
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.6 8.6 12.8

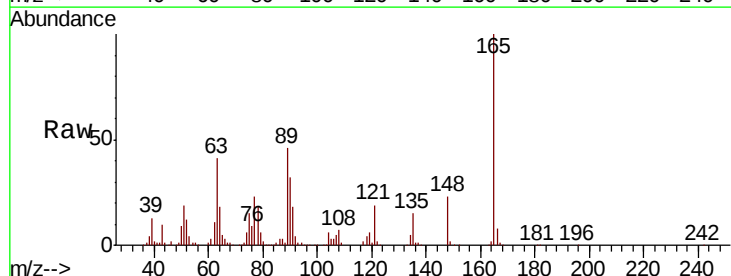


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

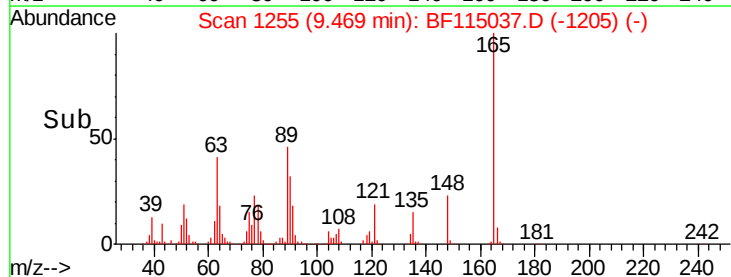
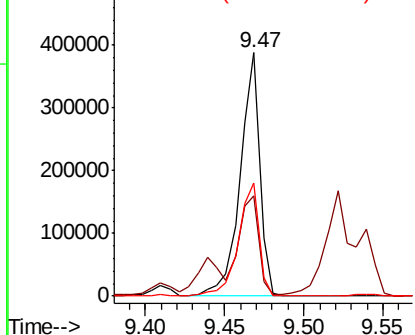


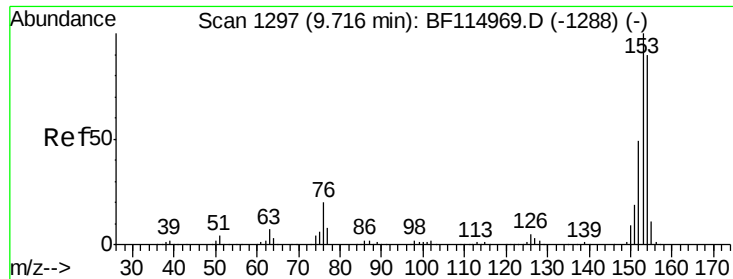
#51
2,6-Dinitrotoluene
Concen: 41.043 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Tgt Ion:165 Resp: 333524
Ion Ratio Lower Upper
165 100
63 41.2 30.6 46.0
89 46.4 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: 41.192 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

Instrument :

BNA_F

ClientSampleId :

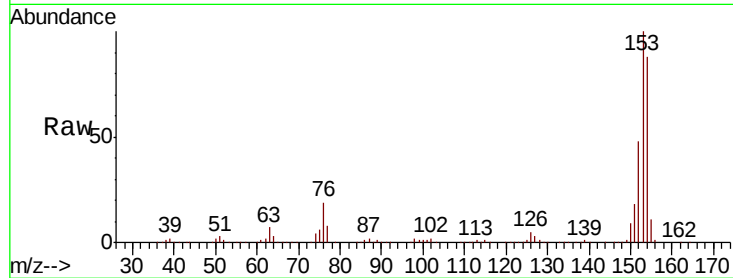
Tot Ion:154 Resp: 1118501

Ion Ratio Lower Upper

154 100

153 113.3 88.5 132.7

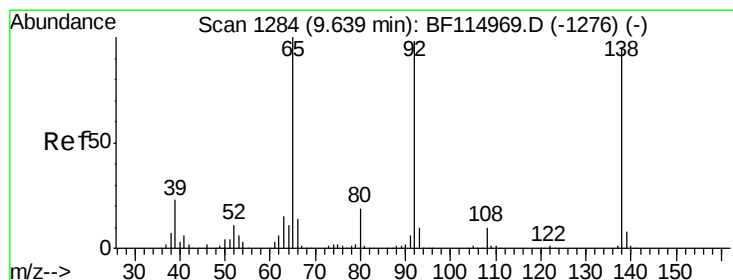
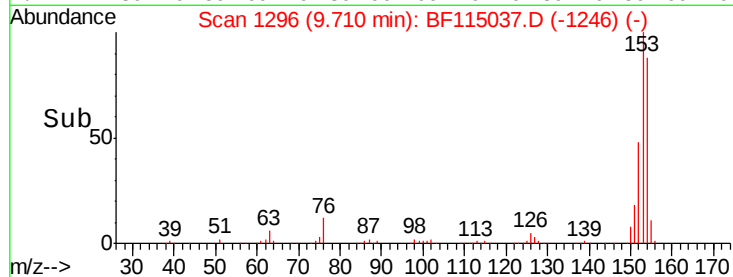
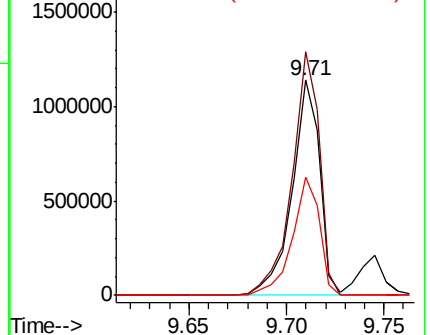
152 54.8 43.6 65.4



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: 25.203 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

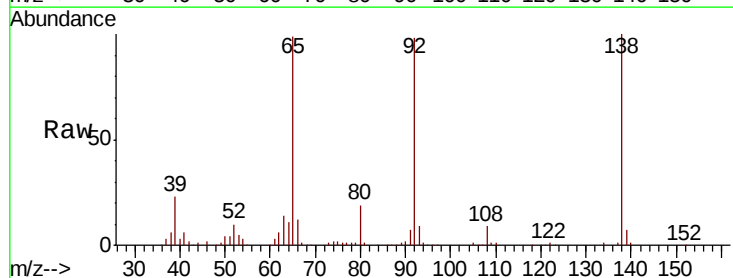
Tgt Ion:138 Resp: 250928

Ion Ratio Lower Upper

138 100

108 9.5 8.0 12.0

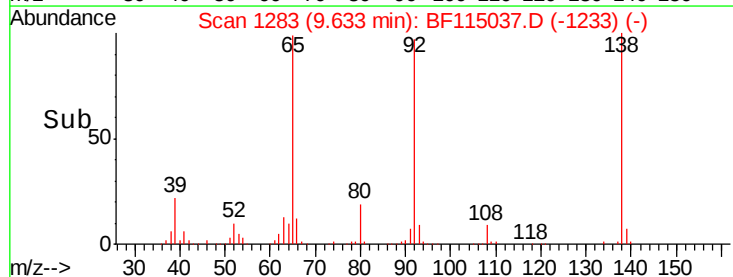
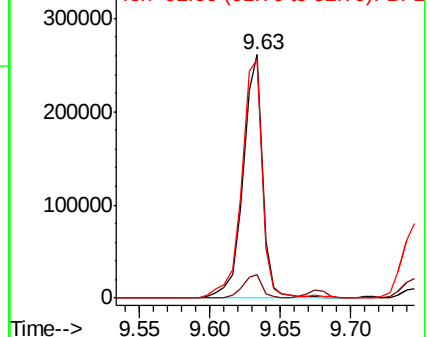
92 97.9 82.4 123.6

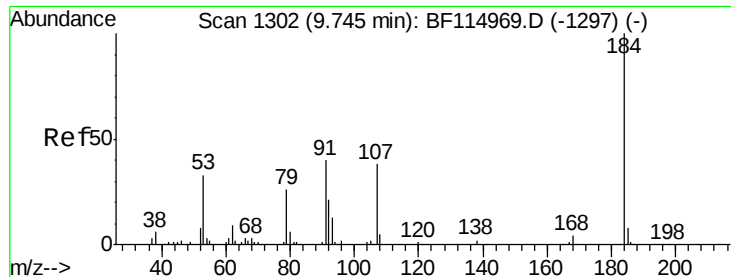


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

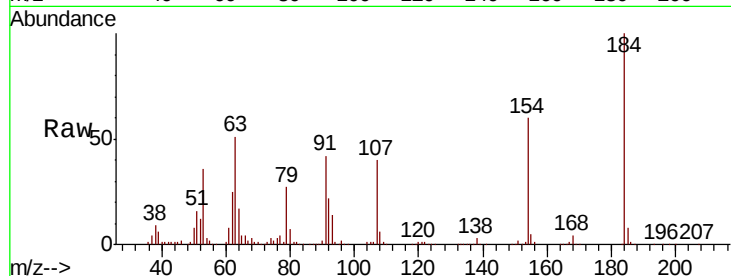




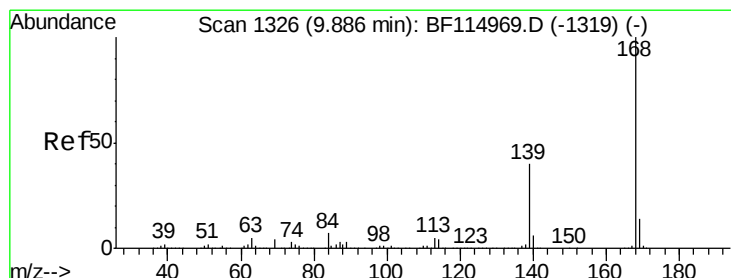
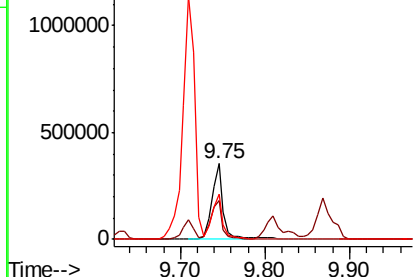
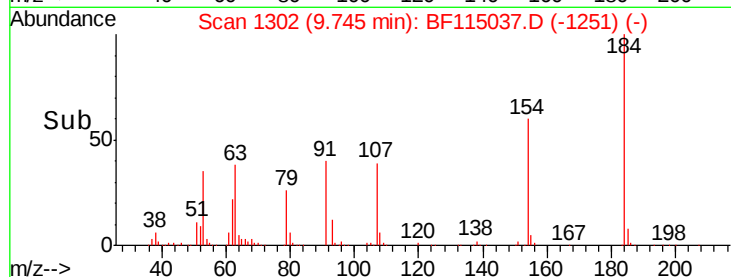
#54
2,4-Dinitrophenol
Concen: 86.485 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 340889
Ion Ratio Lower Upper
184 100
63 51.2 40.5 60.7
154 60.0 44.8 67.2

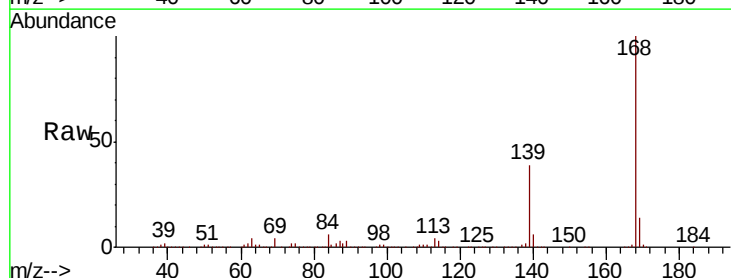


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

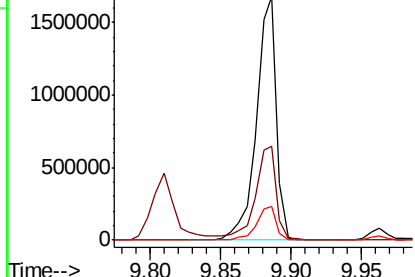
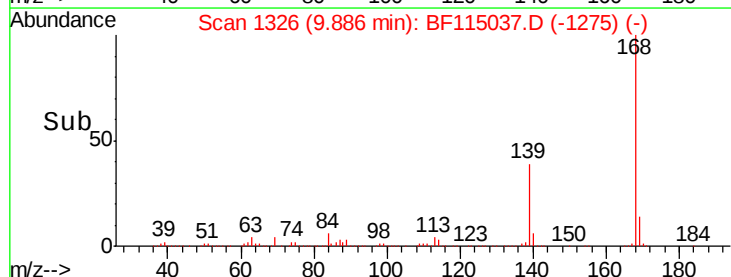


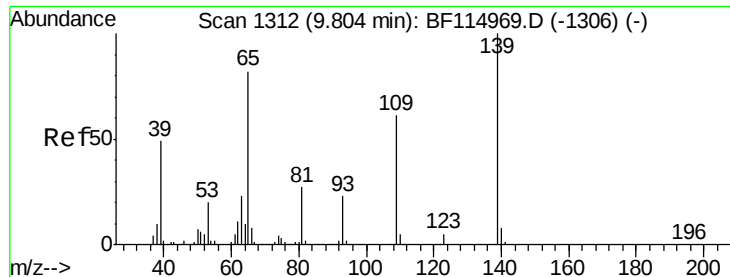
#55
Dibenzofuran
Concen: 40.778 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Tgt Ion:168 Resp: 1668799
Ion Ratio Lower Upper
168 100
139 38.8 32.5 48.7
169 13.7 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

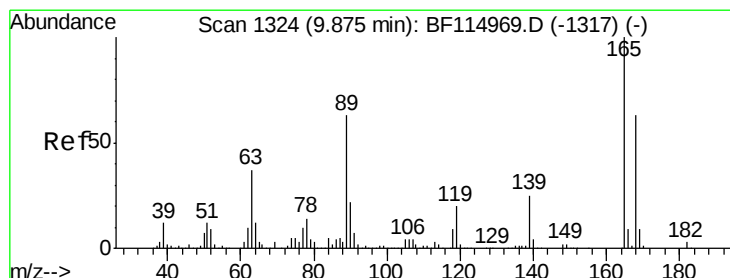
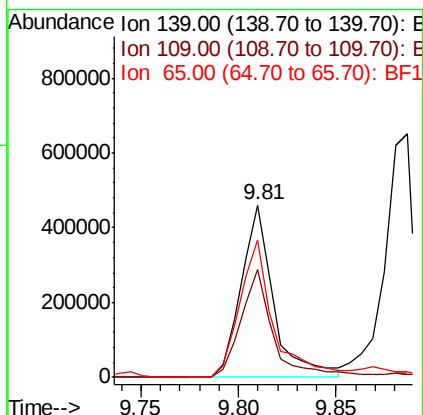
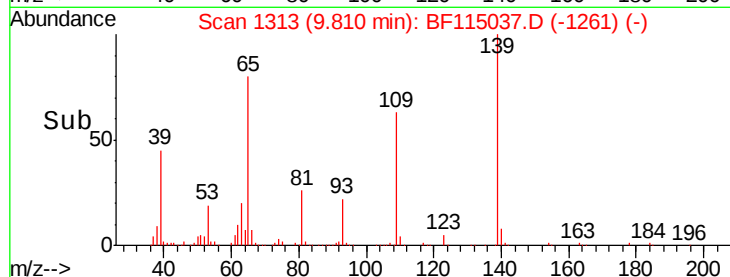
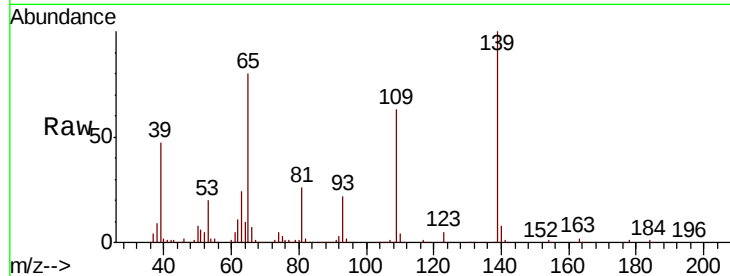




#56
4-Nitrophenol
Concen: 77.785 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

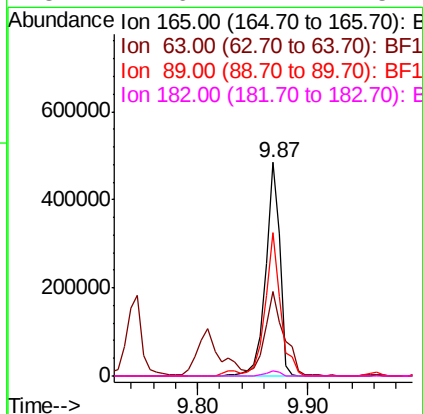
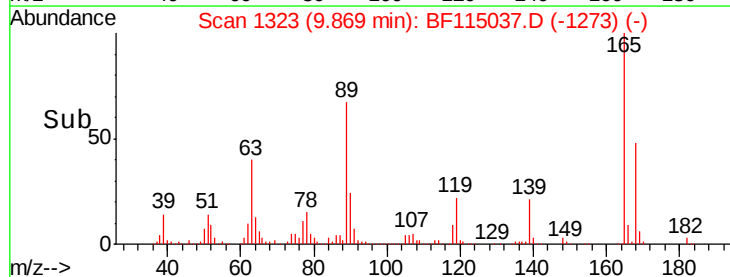
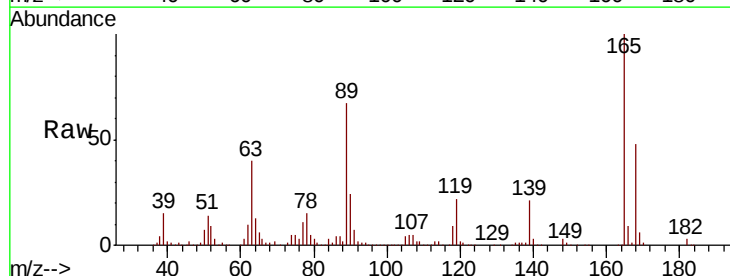
Instrument :
BNA_F
ClientSampleId :

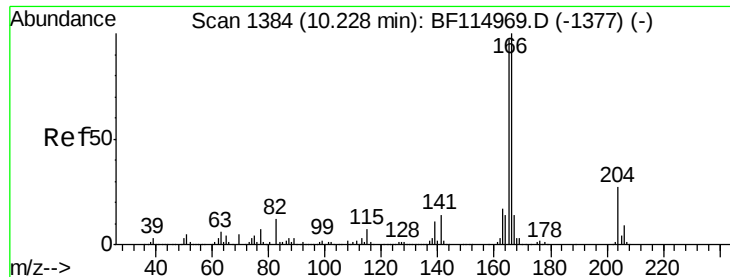
Tot Ion:139 Resp: 534062
Ion Ratio Lower Upper
139 100
109 62.8 41.4 81.4
65 79.8 62.7 102.7



#57
2,4-Dinitrotoluene
Concen: 42.186 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Tgt Ion:165 Resp: 436335
Ion Ratio Lower Upper
165 100
63 39.9 29.4 44.2
89 67.0 50.6 75.8
182 2.6 2.2 3.2





#58

Fluorene

Concen: 44.327 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

Instrument :

BNA_F

ClientSampleId :

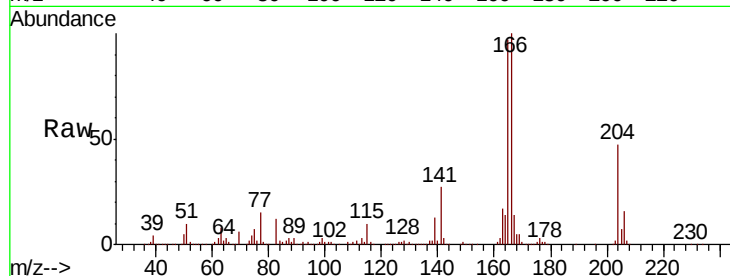
Tot Ion:166 Resp: 1214258

Ion Ratio Lower Upper

166 100

165 97.4 77.6 116.4

167 13.8 11.0 16.4

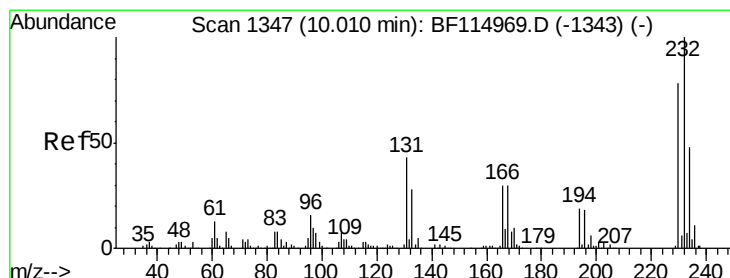
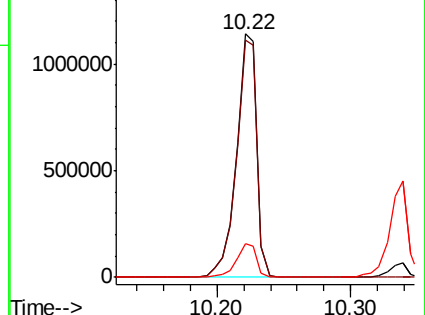
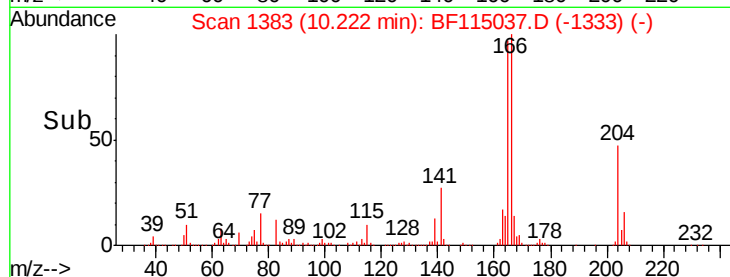


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 42.035 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

Tgt Ion:232 Resp: 360692

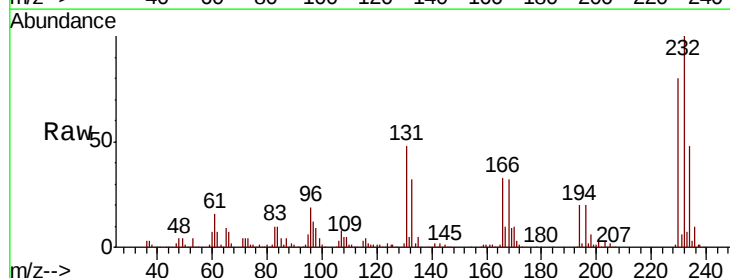
Ion Ratio Lower Upper

232 100

131 47.0 36.9 55.3

130 2.0 1.8 2.6

166 30.0 24.8 37.2



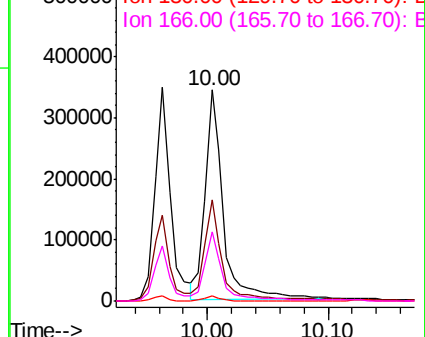
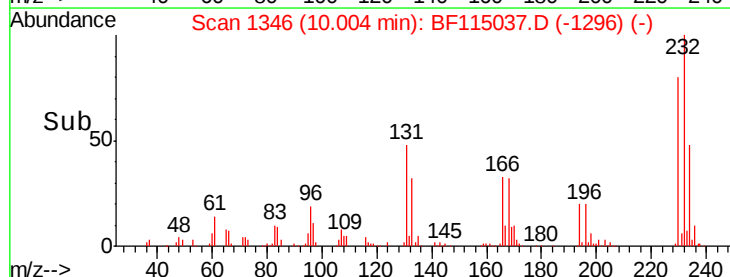
Abundance

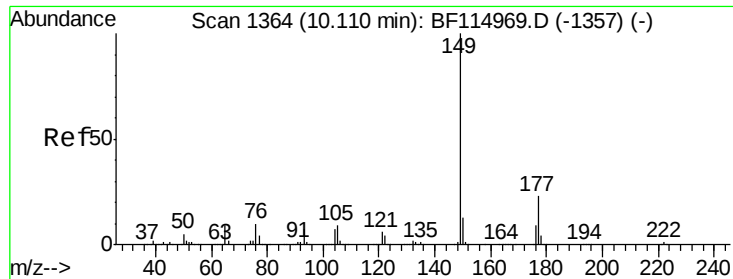
Ion 232.00 (231.70 to 232.70): E

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

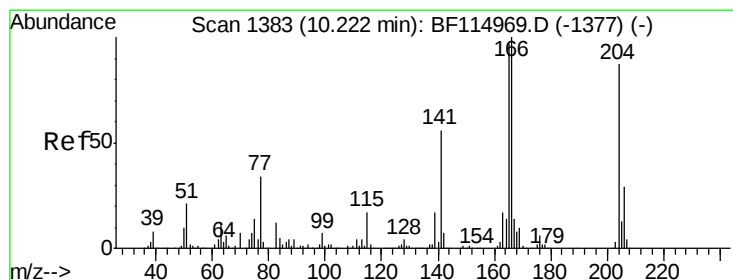
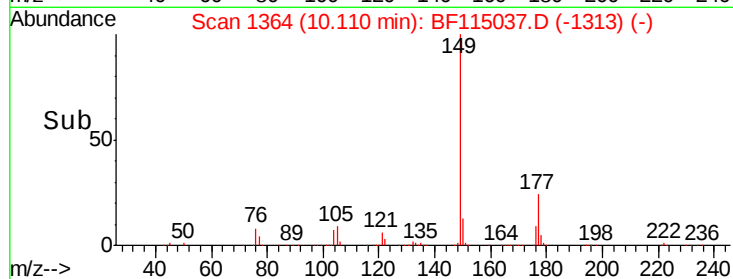
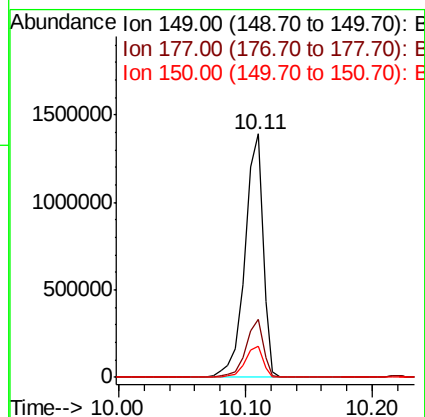
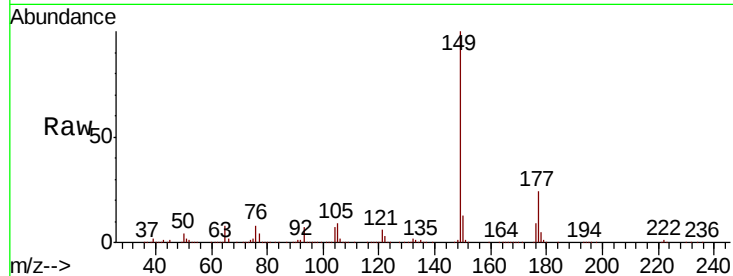




#60
Diethylphthalate
Concen: 39.931 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

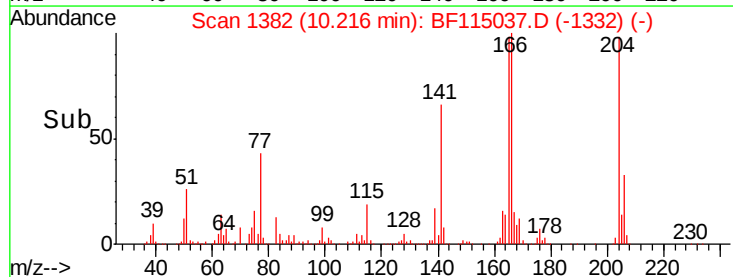
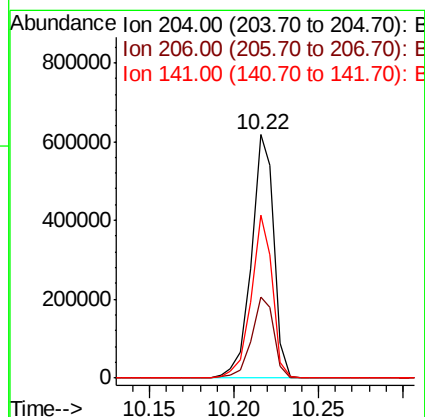
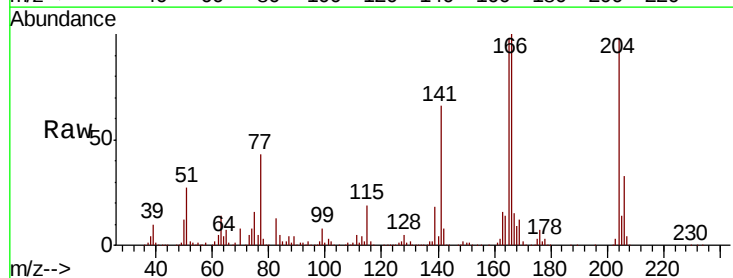
Instrument :
BNA_F
ClientSampleId :

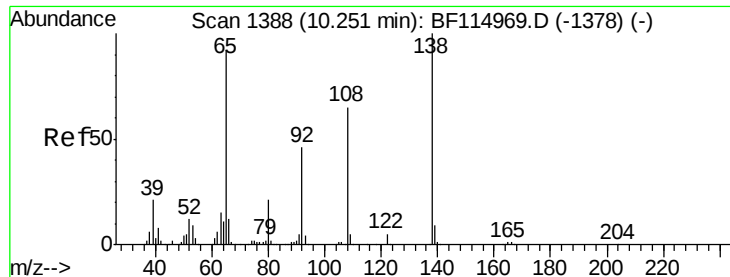
Tot Ion:149 Resp: 1367800
Ion Ratio Lower Upper
149 100
177 23.6 18.6 27.8
150 12.8 10.5 15.7



#61
4-Chlorophenyl-phenylether
Concen: 41.976 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Tgt Ion:204 Resp: 574396
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 67.2 51.8 77.8

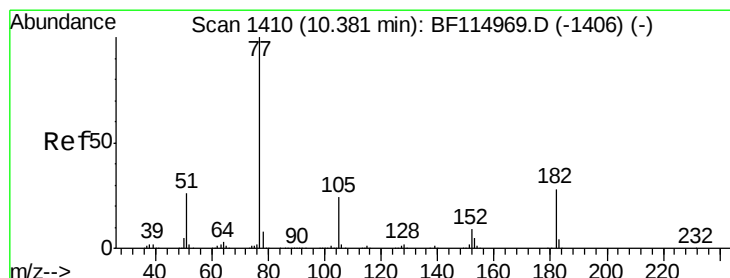
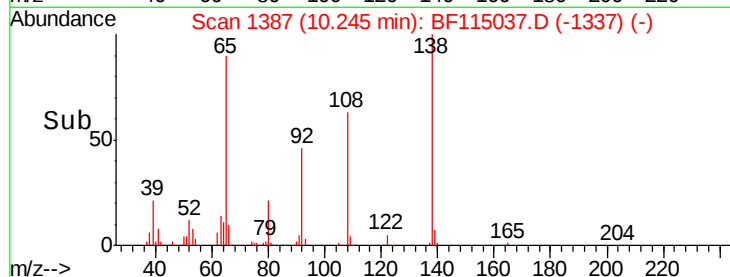
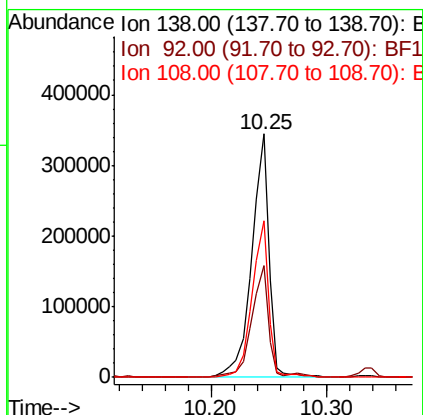
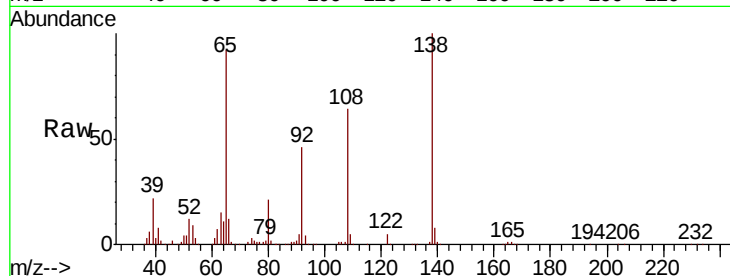




#62
4-Nitroaniline
Concen: 35.870 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

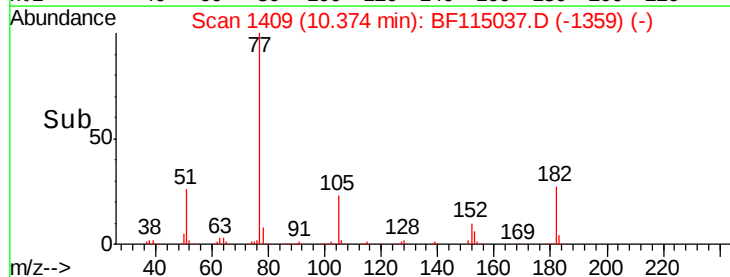
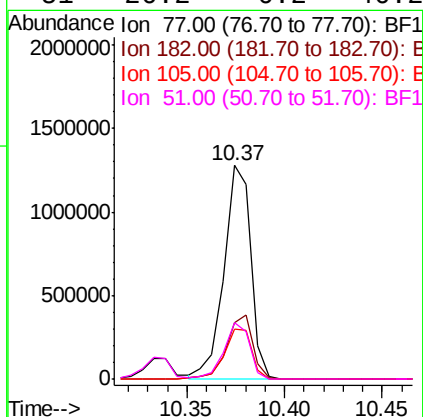
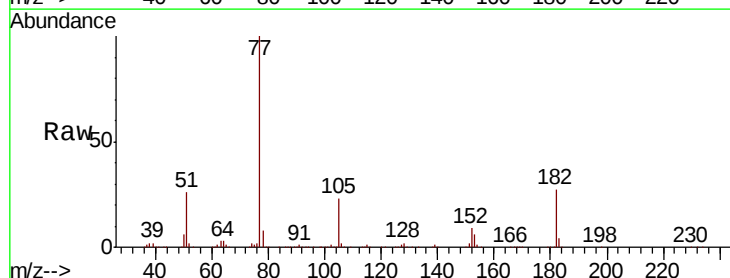
Instrument :
BNA_F
ClientSampled :

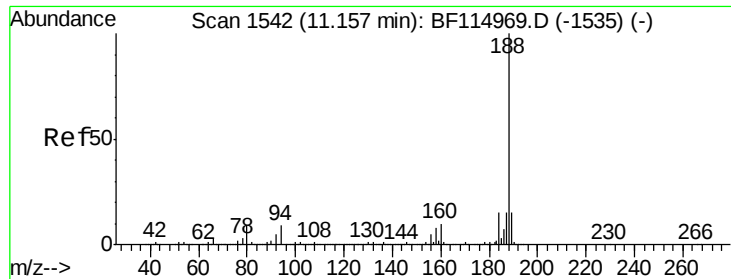
Tot Ion:138 Resp: 359081
Ion Ratio Lower Upper
138 100
92 46.0 25.7 65.7
108 64.2 44.6 84.6



#63
Azobenzene
Concen: 40.547 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Tgt Ion: 77 Resp: 1215058
Ion Ratio Lower Upper
77 100
182 26.6 7.4 47.4
105 23.5 4.2 44.2
51 26.2 6.2 46.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

Instrument :

BNA_F

ClientSampled :

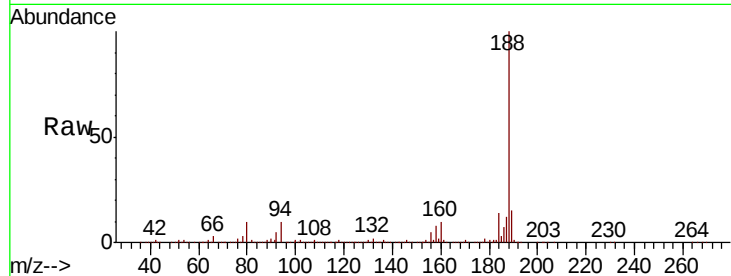
Tot Ion:188 Resp: 933094

Ion Ratio Lower Upper

188 100

94 10.0 7.2 10.8

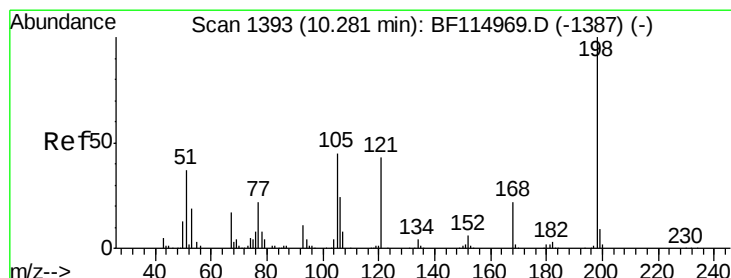
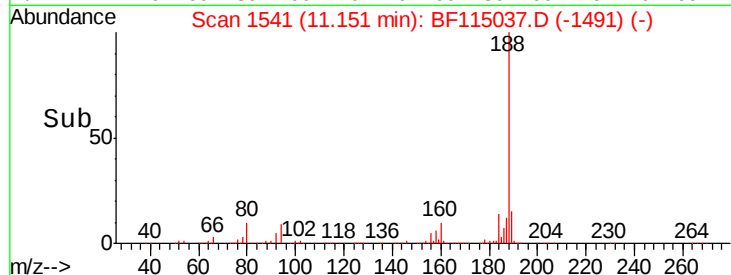
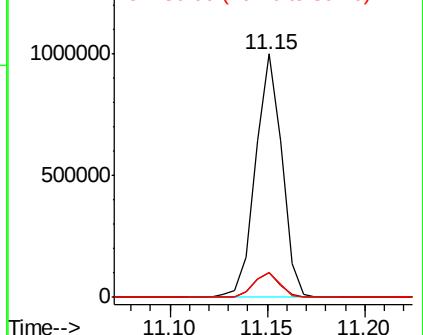
80 10.4 7.4 11.2



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: 39.351 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

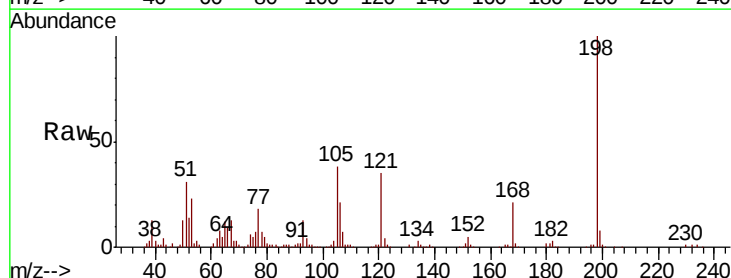
Tgt Ion:198 Resp: 205799

Ion Ratio Lower Upper

198 100

51 30.5 23.0 63.0

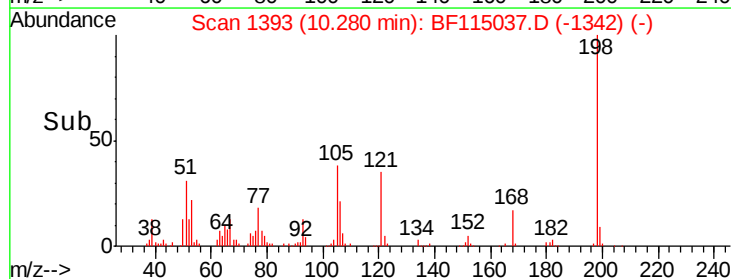
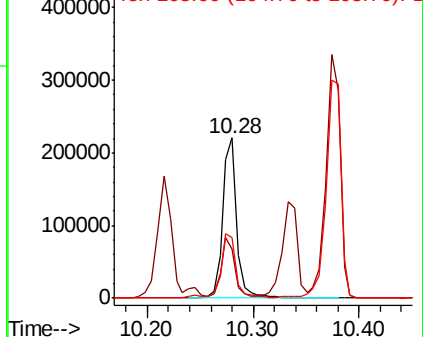
105 37.7 26.5 66.5

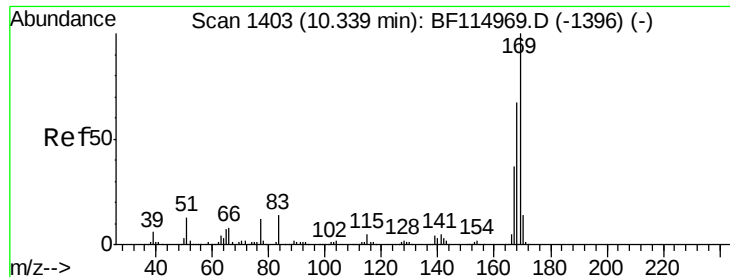


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



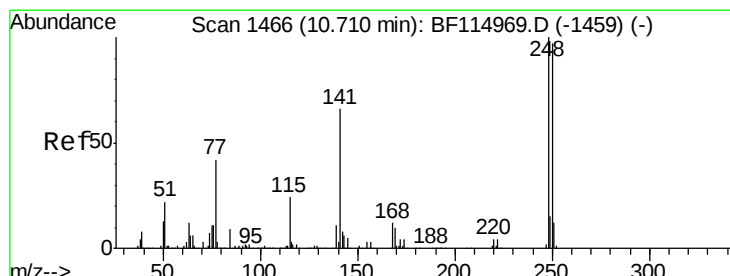
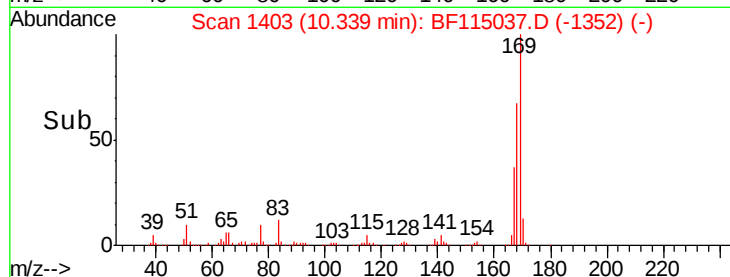
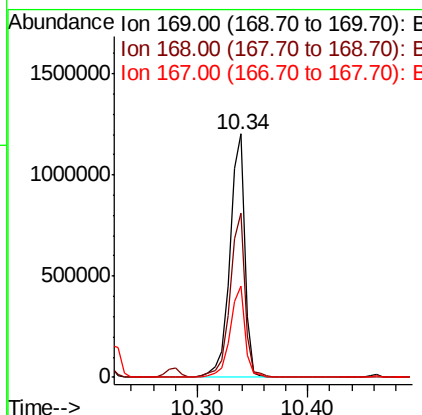
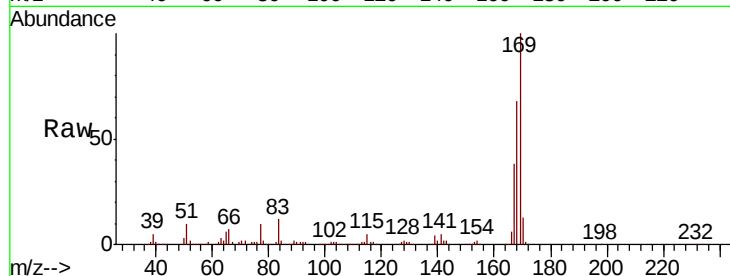


#66
 n-Nitrosodiphenylamine
 Concen: 40.908 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF115037.D
 Acq: 14 Jun 2019 14:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 1140996

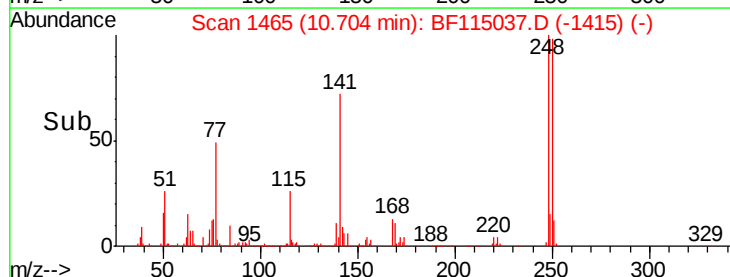
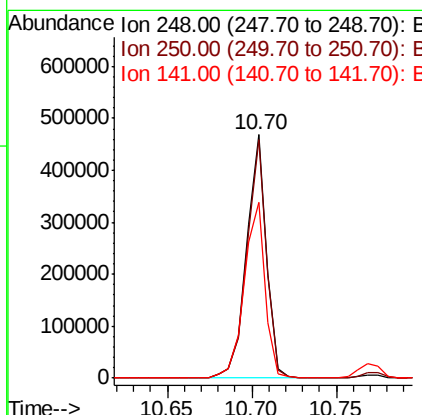
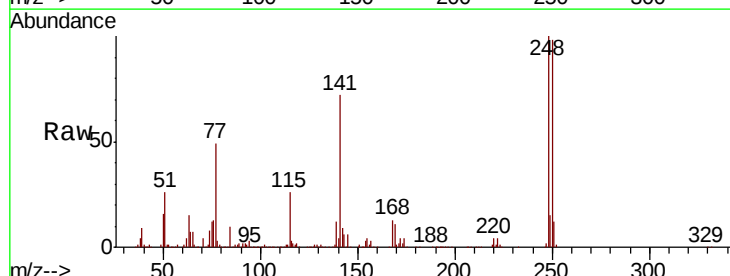
Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.6	80.4
167	37.6	29.6	44.4

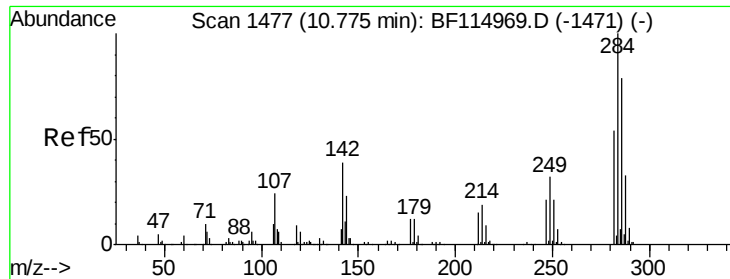


#67
 4-Bromophenyl-phenylether
 Concen: 38.757 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115037.D
 Acq: 14 Jun 2019 14:03

Tgt Ion:248 Resp: 388296

Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.8	116.8
141	72.1	53.1	79.7

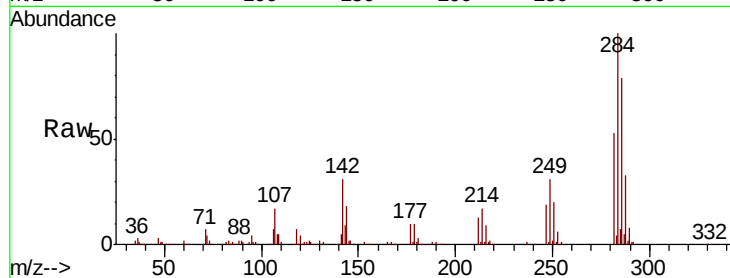




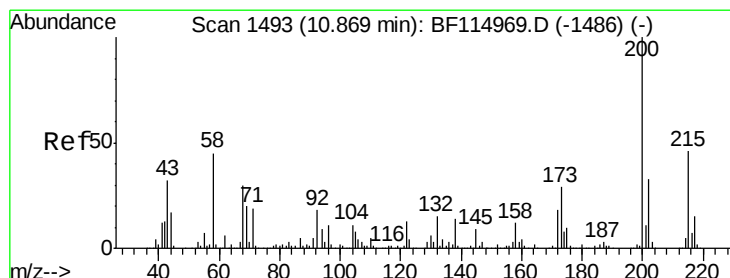
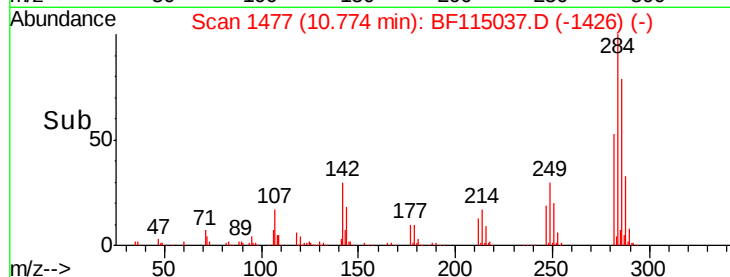
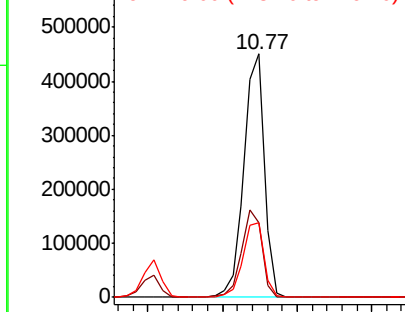
#68
Hexachlorobenzene
Concen: 38.860 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.6	31.5	47.3#
249	30.5	25.6	38.4

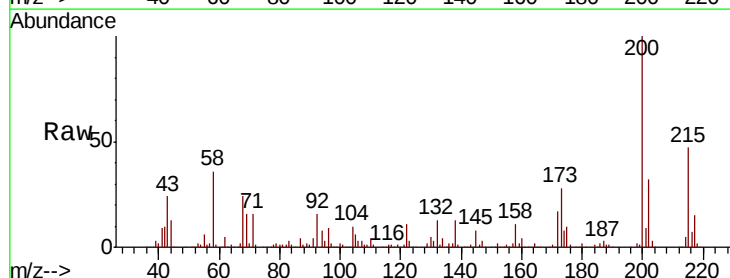


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

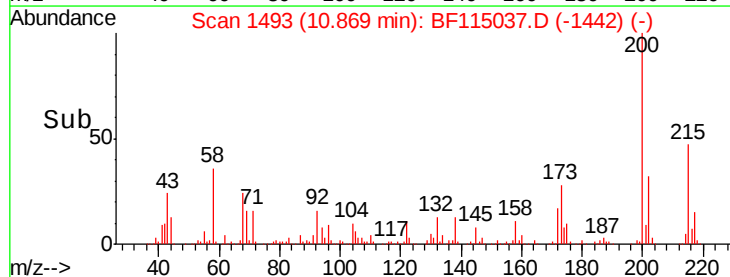
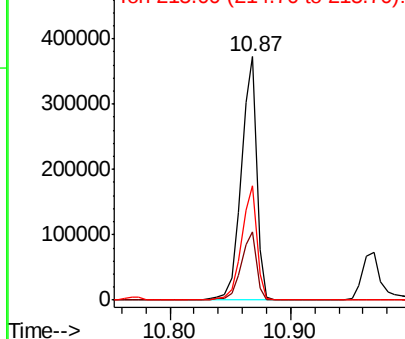


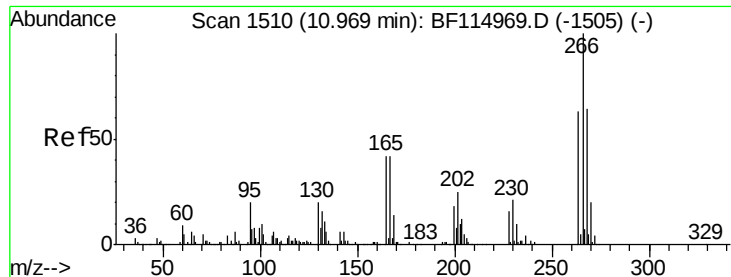
#69
Atrazine
Concen: 37.156 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

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



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





#70

Pentachlorophenol

Concen: 80.575 ng

RT: 10.97 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

Instrument :

BNA_F

ClientSampleId :

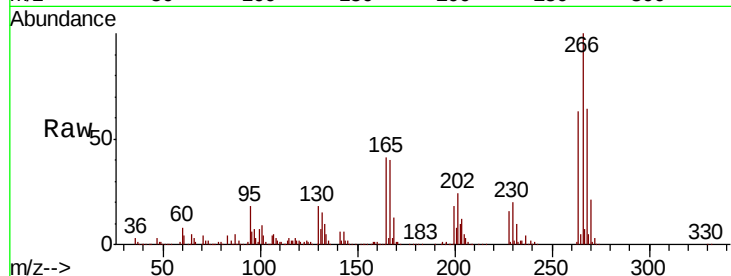
Tot Ion:266 Resp: 482649

Ion Ratio Lower Upper

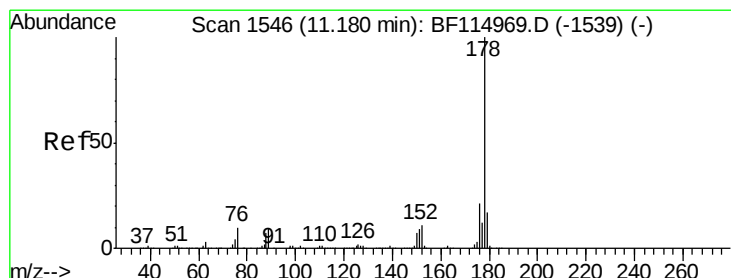
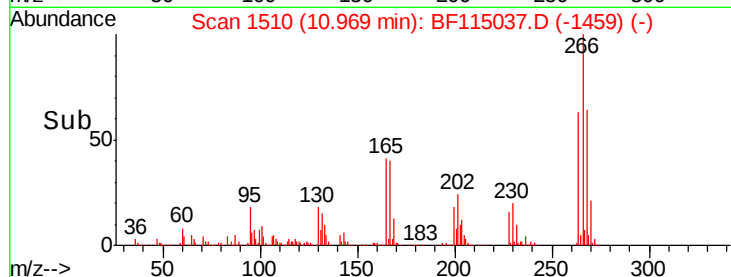
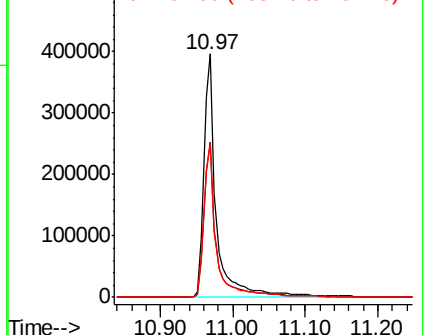
266 100

268 63.5 51.4 77.2

264 63.3 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: 39.548 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

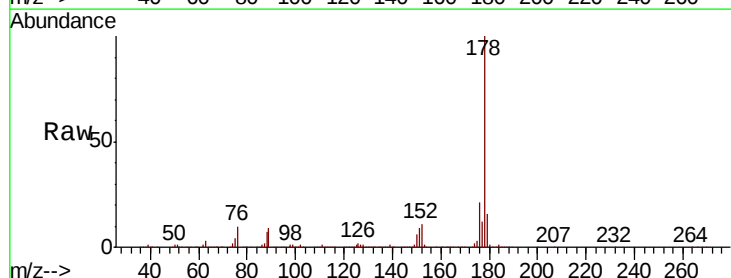
Tgt Ion:178 Resp: 1905312

Ion Ratio Lower Upper

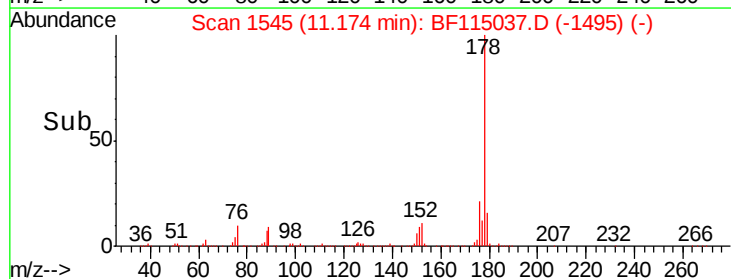
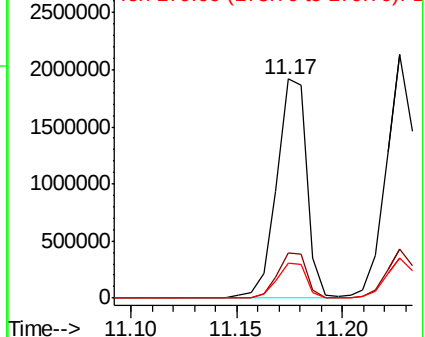
178 100

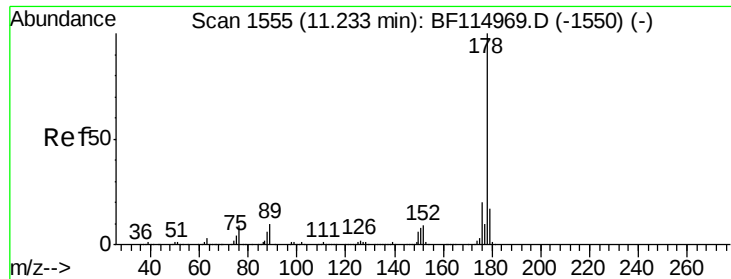
176 20.8 16.9 25.3

179 16.3 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: 40.410 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

Instrument :

BNA_F

ClientSampleId :

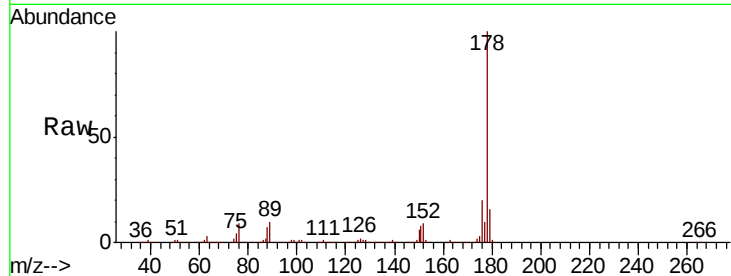
Tot Ion:178 Resp: 1964035

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

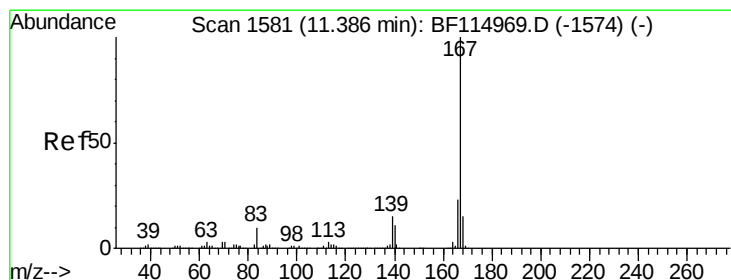
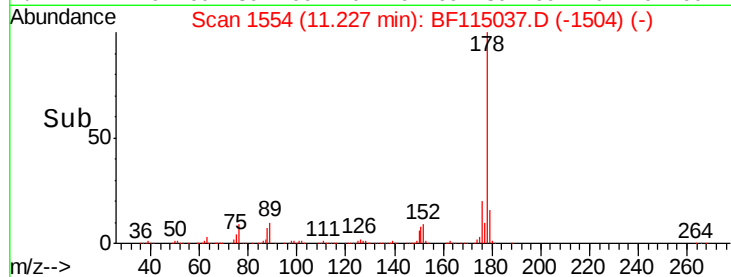
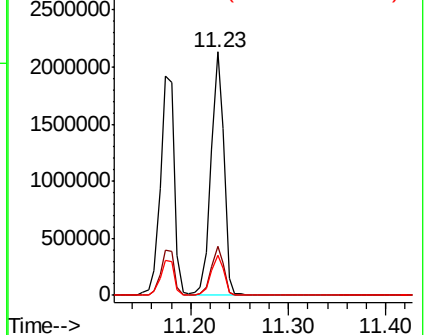
179 16.5 13.2 19.8



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: 42.618 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

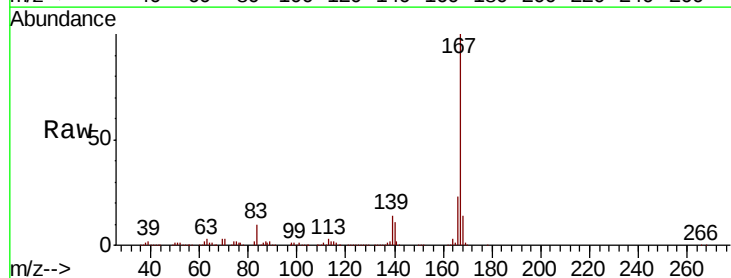
Tgt Ion:167 Resp: 1807944

Ion Ratio Lower Upper

167 100

166 22.6 18.5 27.7

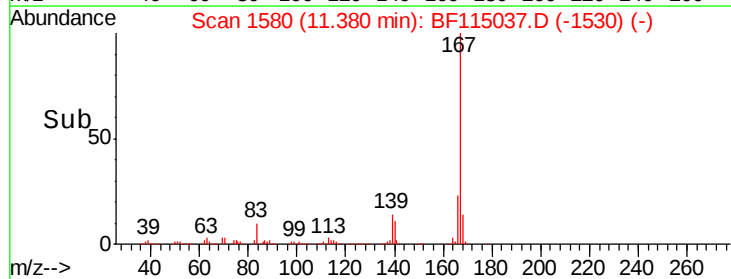
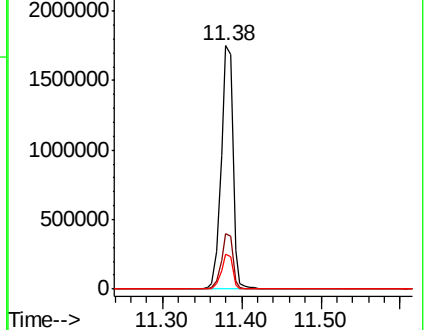
139 14.2 12.0 18.0

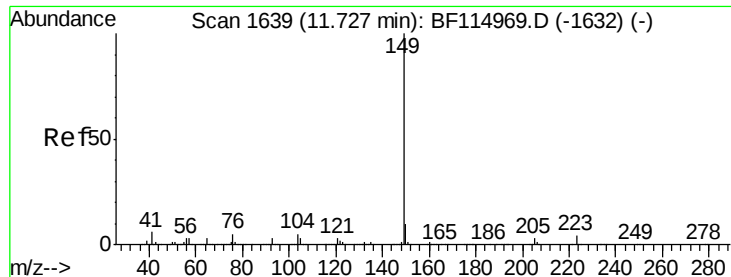


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 38.345 ng

RT: 11.72 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

Instrument :

BNA_F

ClientSampleId :

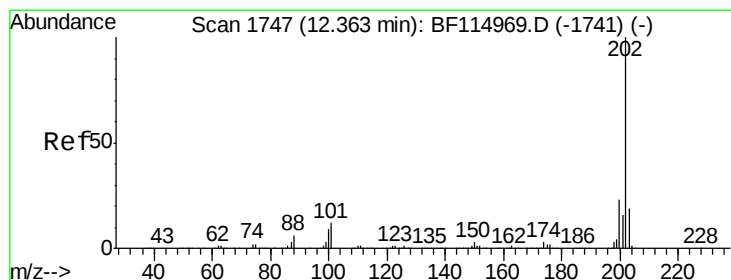
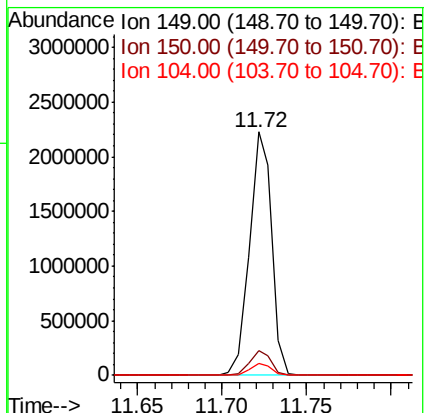
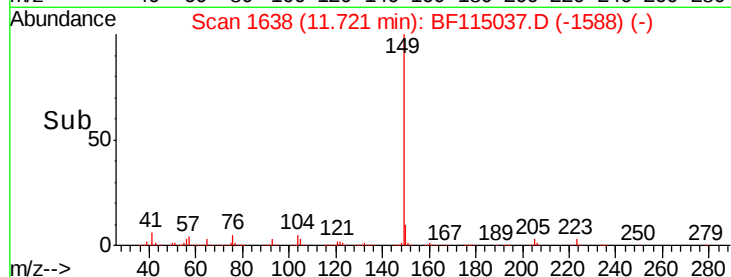
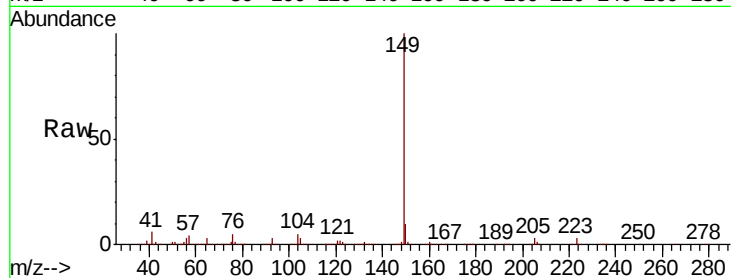
Tot Ion:149 Resp: 2050697

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

104 4.9 4.0 6.0



#75

Fluoranthene

Concen: 40.564 ng

RT: 12.36 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

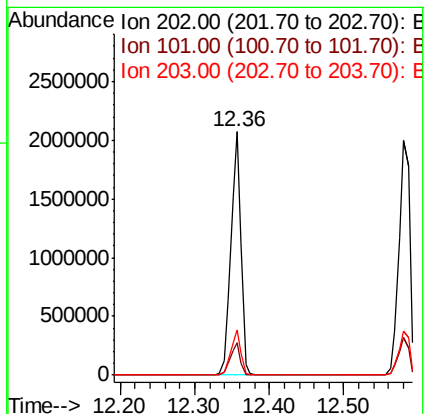
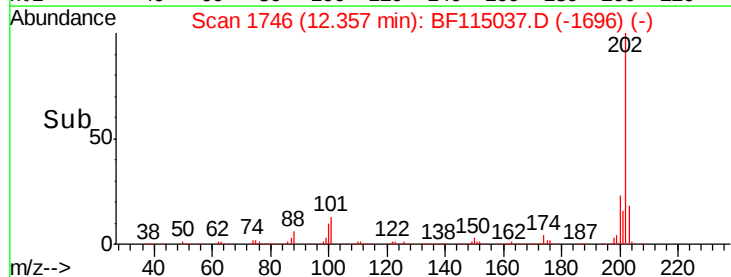
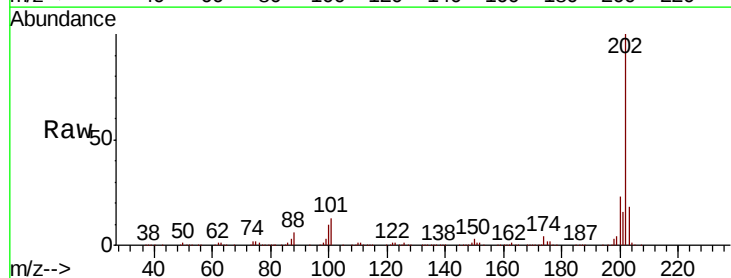
Tgt Ion:202 Resp: 1998316

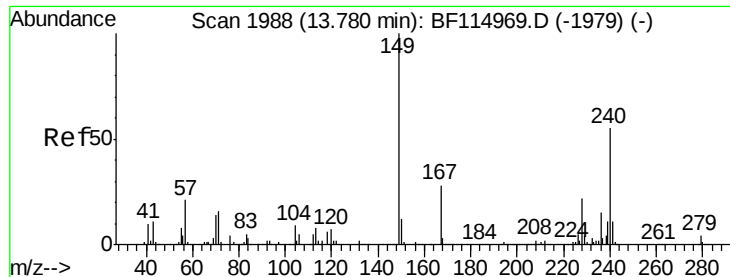
Ion Ratio Lower Upper

202 100

101 13.3 0.0 32.4

203 18.5 0.0 38.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

Instrument :

BNA_F

ClientSampleId :

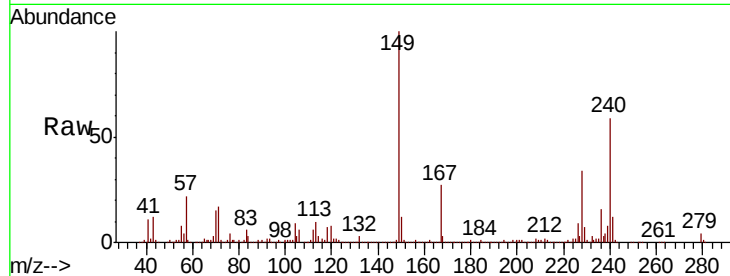
Tot Ion:240 Resp: 667538

Ion Ratio Lower Upper

240 100

120 12.8 10.0 15.0

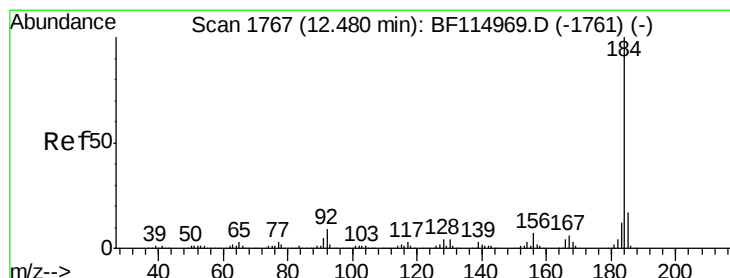
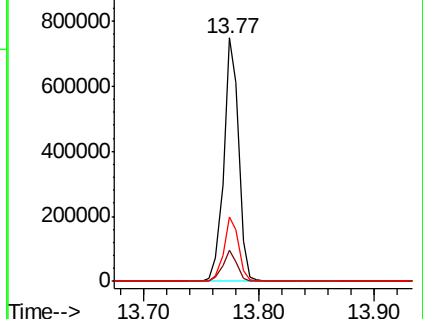
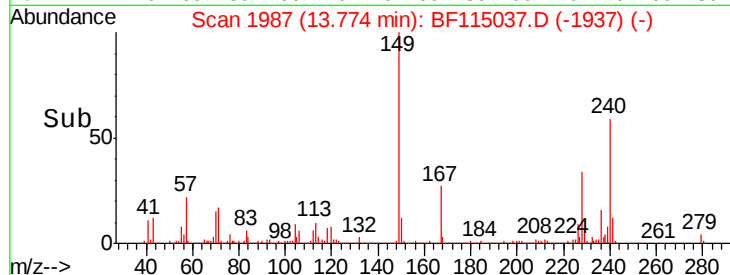
236 26.6 21.6 32.4



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: 23.871 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

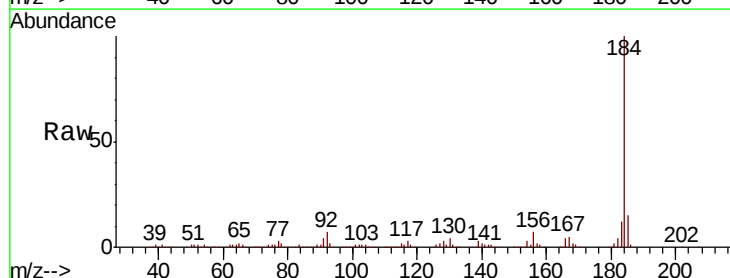
Tgt Ion:184 Resp: 644536

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.0

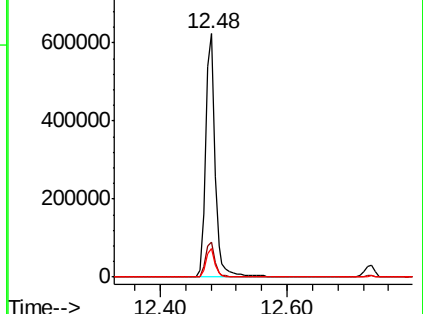
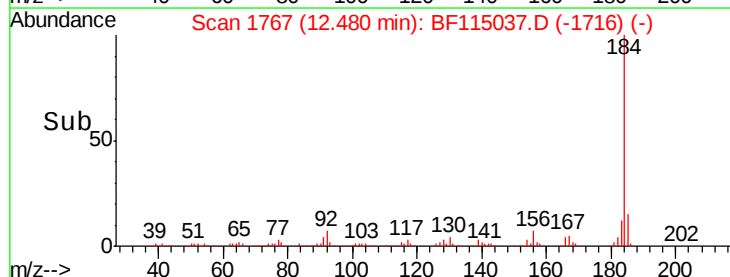
183 11.6 9.8 14.6

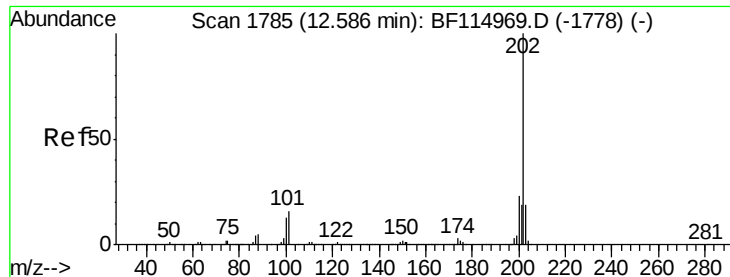


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 33.172 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

Instrument :

BNA_F

ClientSampleId :

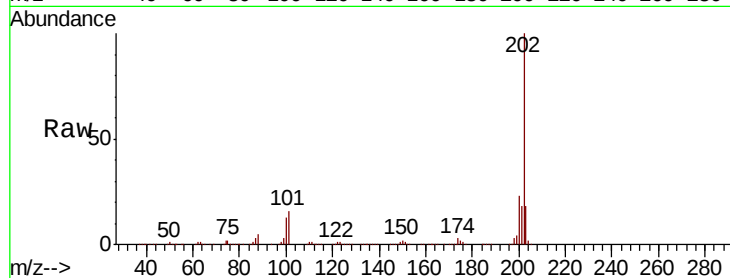
Tot Ion:202 Resp: 2017252

Ion Ratio Lower Upper

202 100

200 22.9 18.4 27.6

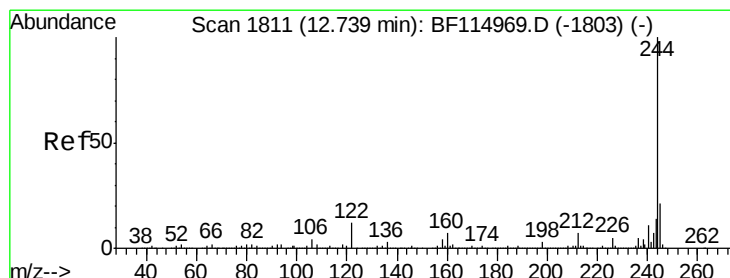
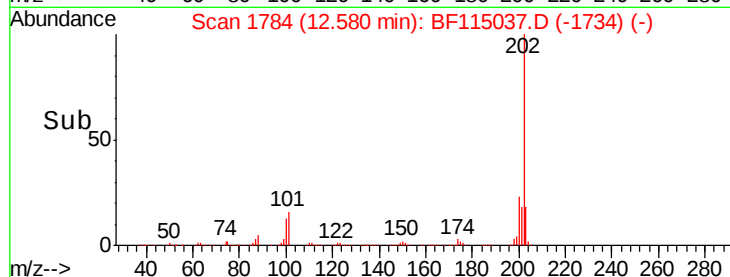
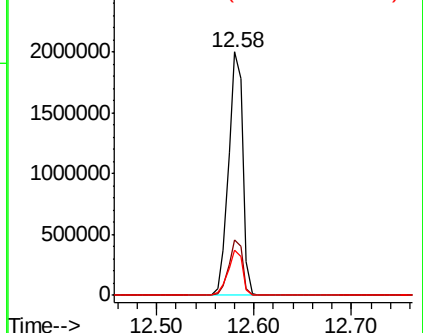
203 18.5 14.9 22.3



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: 67.171 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

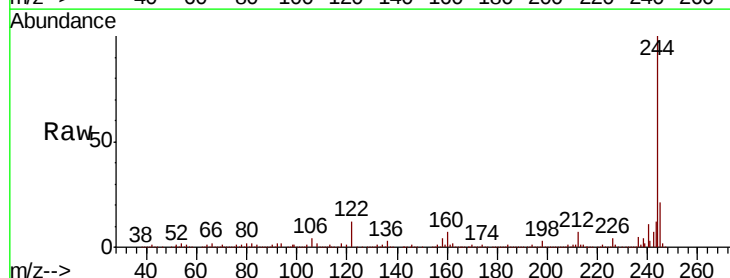
Tgt Ion:244 Resp: 2383976

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

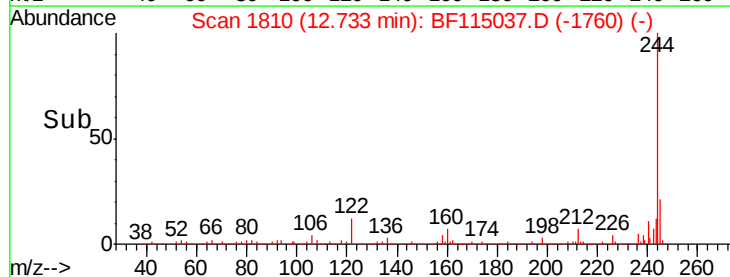
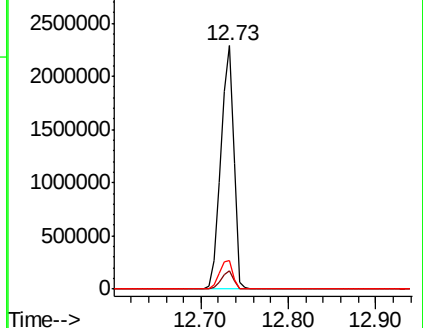
122 12.0 9.4 14.0

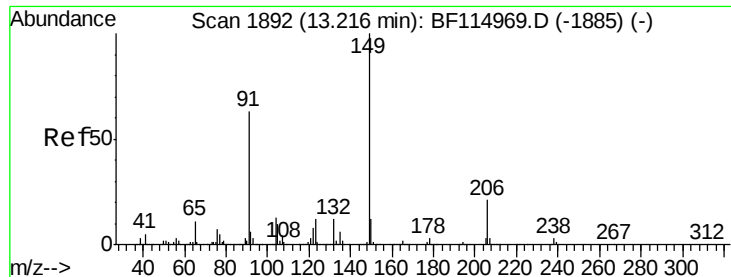


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

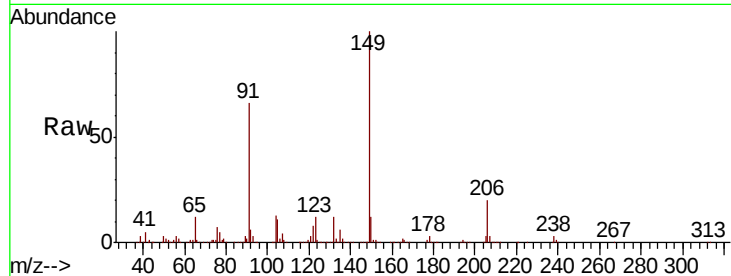




#80
Butylbenzylphthalate
Concen: 32.911 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.6	50.6	76.0
206	20.2	16.7	25.1

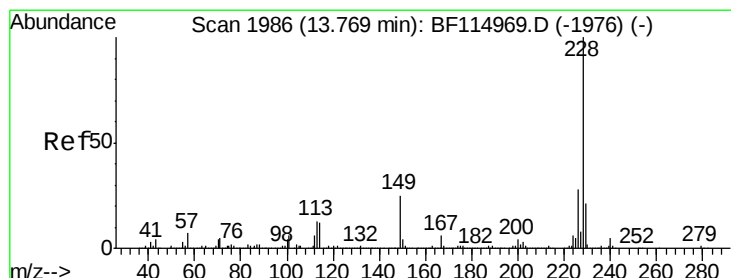
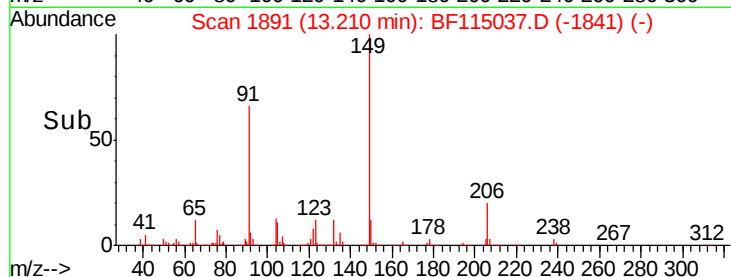
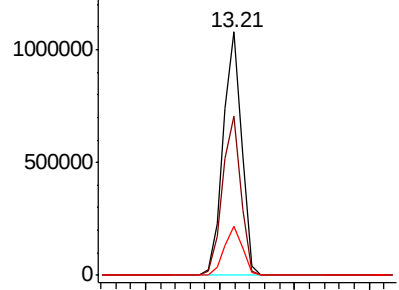


Abundance

Ion 149.00 (148.70 to 149.70): E

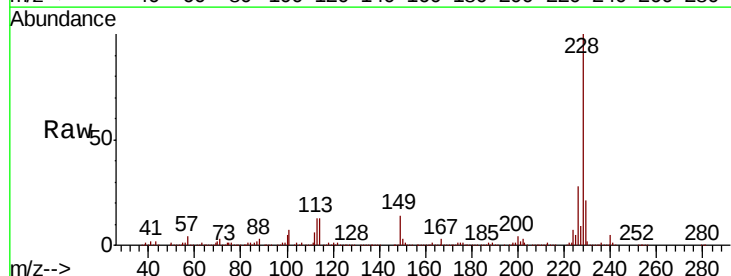
Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#81
Benzo(a)anthracene
Concen: 34.248 ng
RT: 13.76 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.0	33.0
229	20.5	16.6	25.0

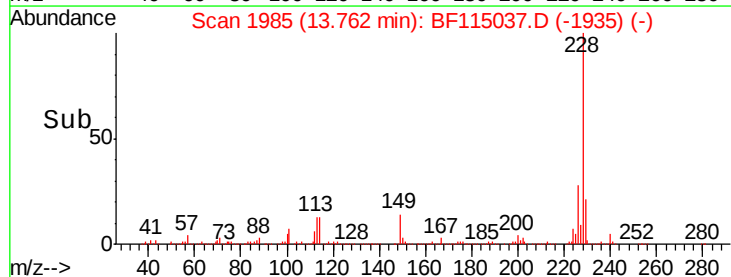
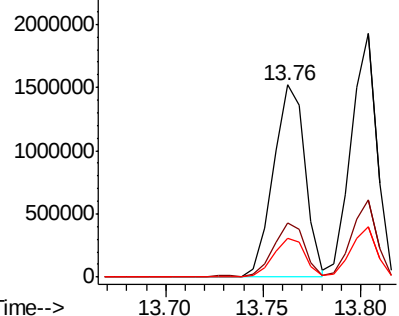


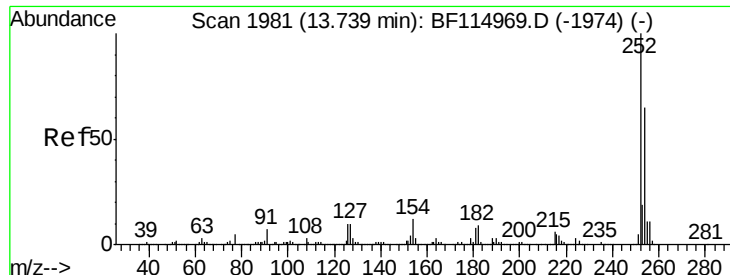
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

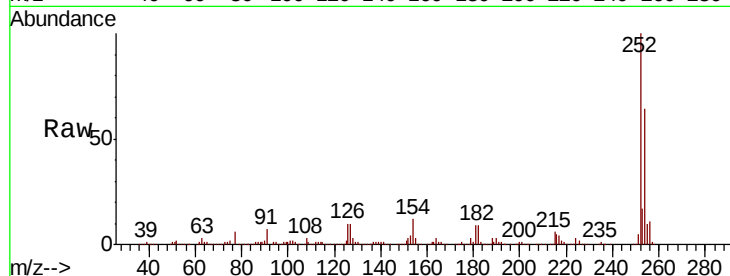




#82
 3,3'-Dichlorobenzidine
 Concen: 29.382 ng
 RT: 13.73 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BF115037.D
 Acq: 14 Jun 2019 14:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.2	78.4
126	10.2	8.0	12.0

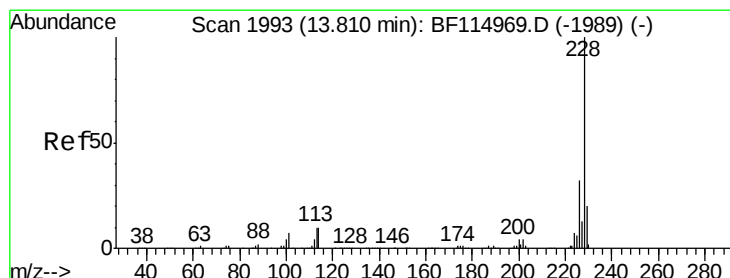
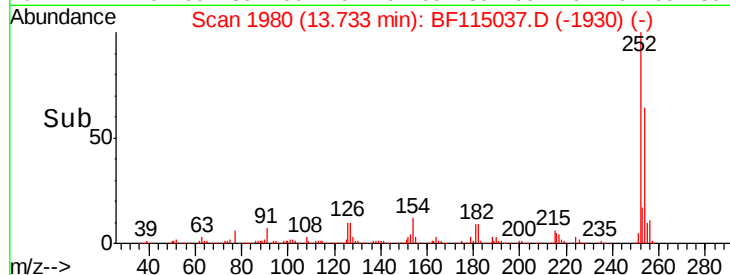
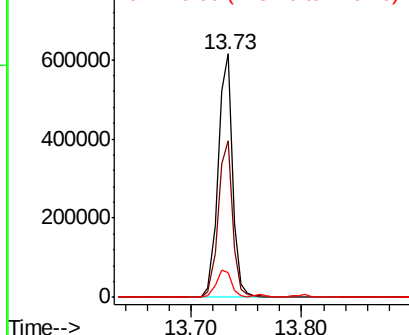


Abundance

Ion 252.00 (251.70 to 252.70): E

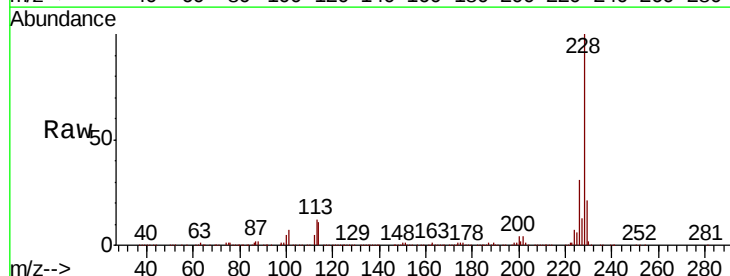
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 35.754 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BF115037.D
 Acq: 14 Jun 2019 14:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.0
229	20.8	16.4	24.6

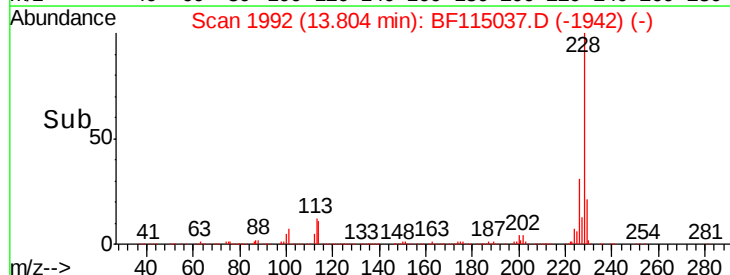
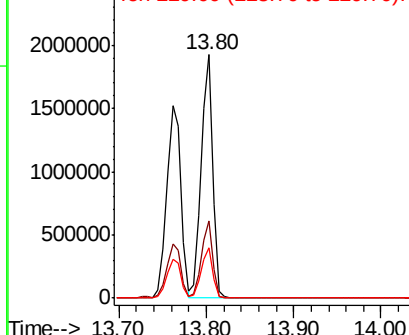


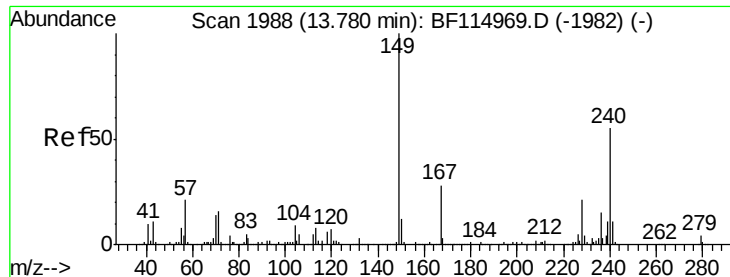
Abundance

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: 32.797 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

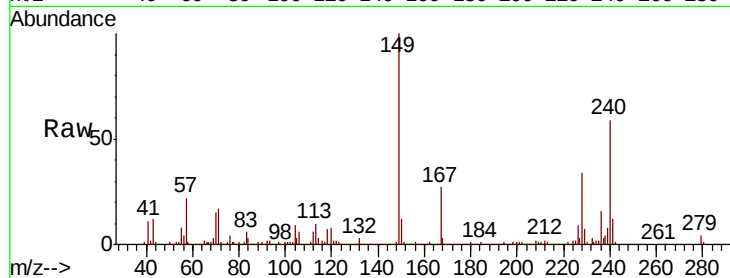
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1100991

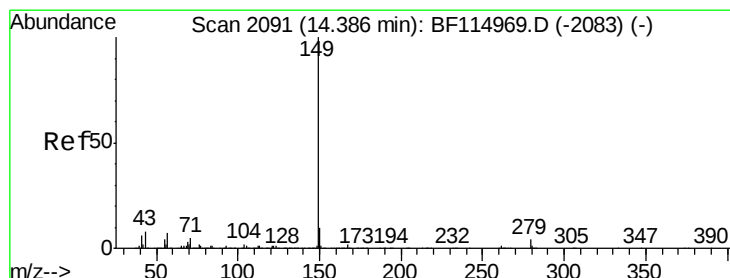
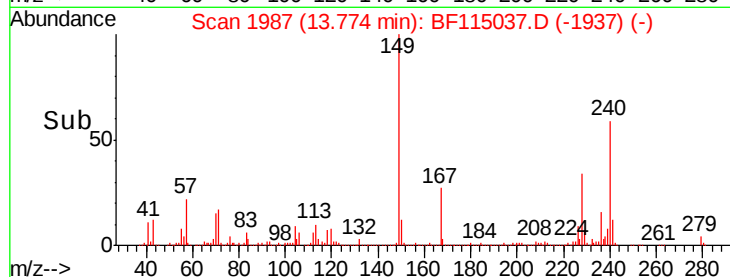
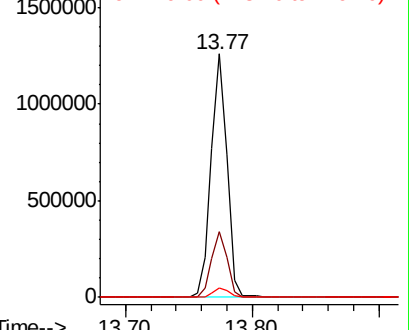
Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.2	33.4
279	3.9	3.4	5.0



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: 35.392 ng

RT: 14.38 min Scan# 2090

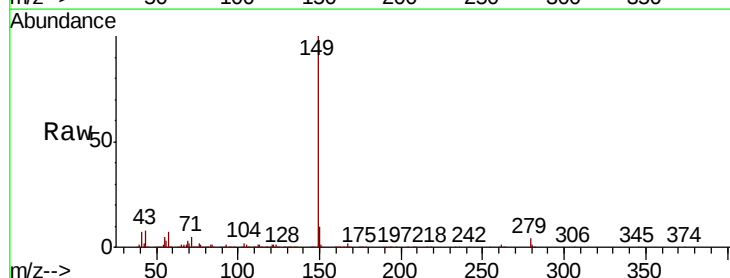
Delta R.T. -0.01 min

Lab File: BF115037.D

Acq: 14 Jun 2019 14:03

Tgt Ion:149 Resp: 2045975

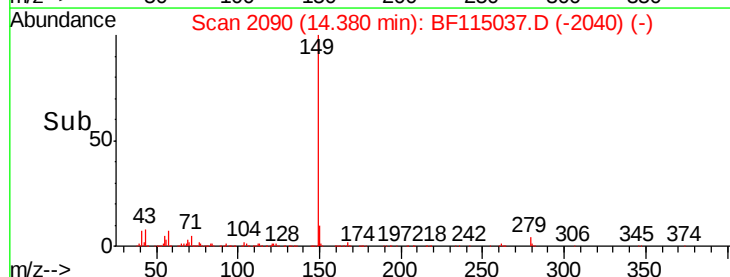
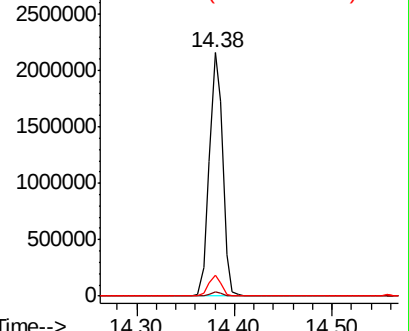
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.9	6.5	9.7

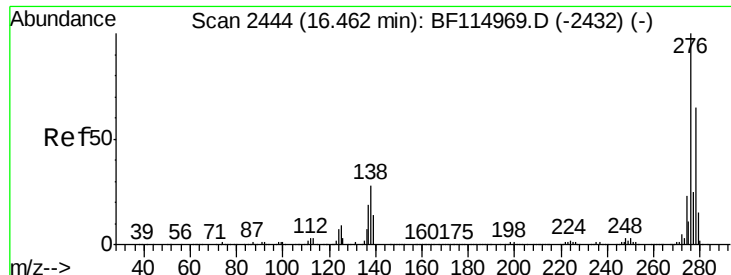


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

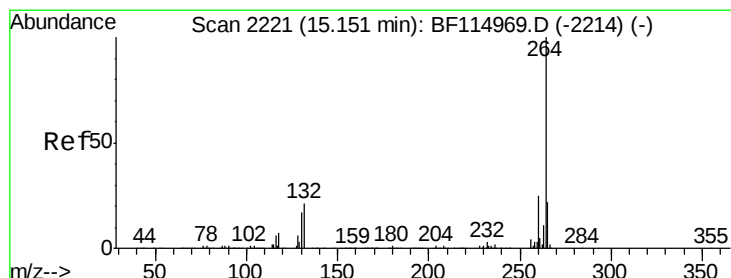
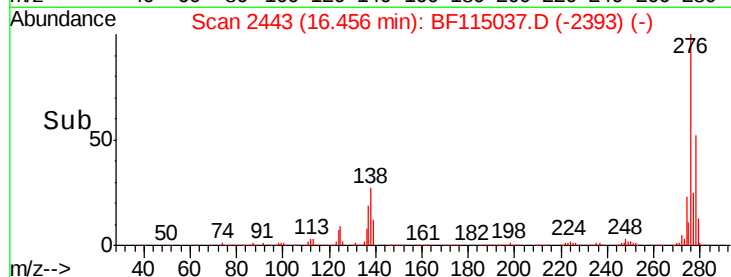
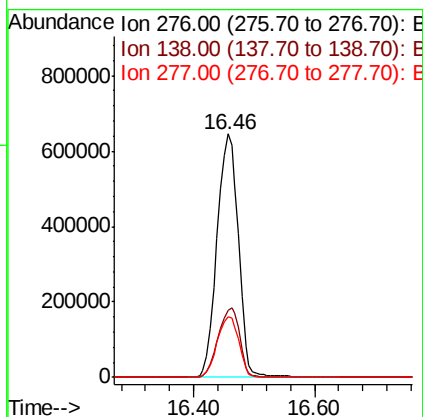
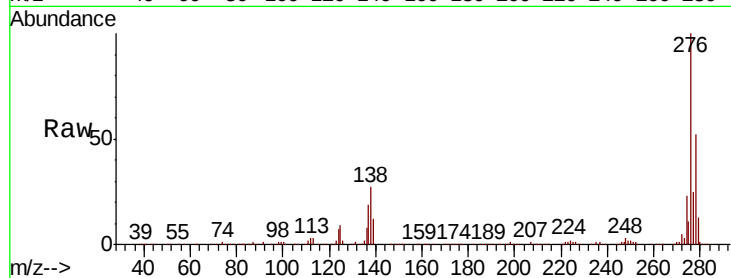




#86
Indeno(1,2,3-cd)pyrene
Concen: 36.280 ng
RT: 16.46 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

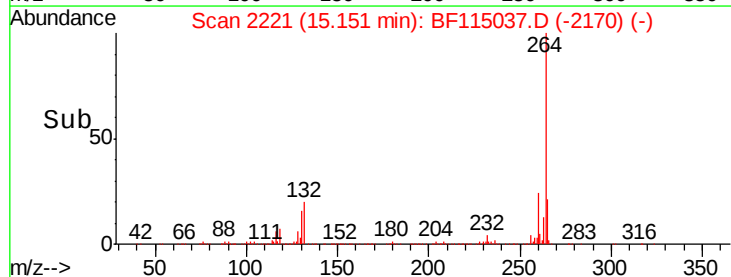
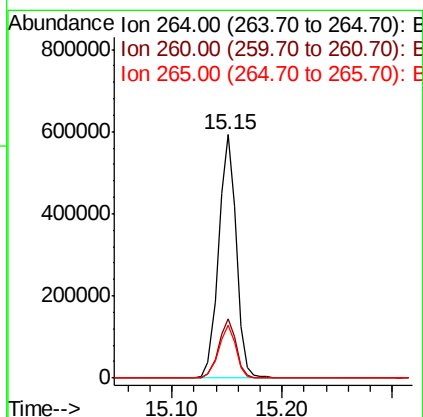
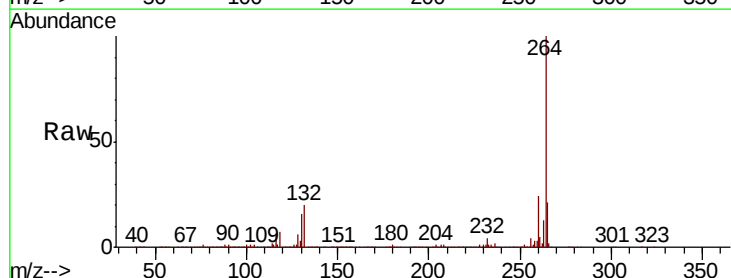
Instrument :
BNA_F
ClientSampleId :

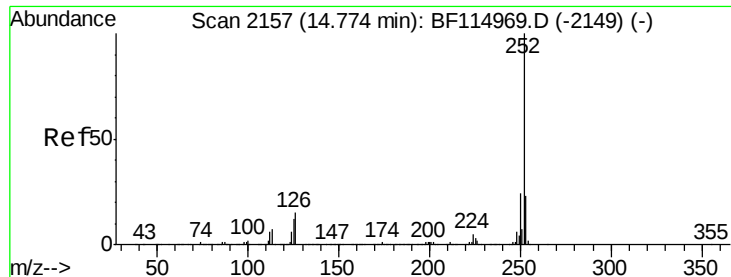
Tot Ion:276 Resp: 1583050
Ion Ratio Lower Upper
276 100
138 28.9 23.0 34.4
277 25.3 20.6 30.8



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Tgt Ion:264 Resp: 660249
Ion Ratio Lower Upper
264 100
260 24.5 19.9 29.9
265 21.5 17.6 26.4

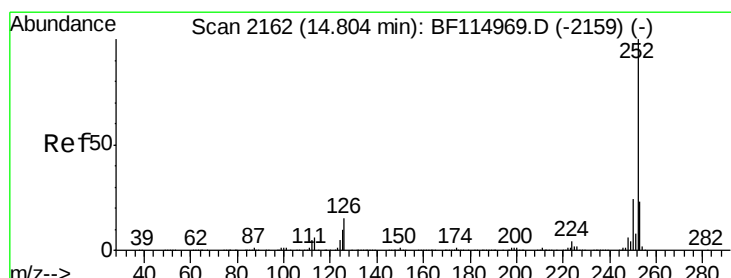
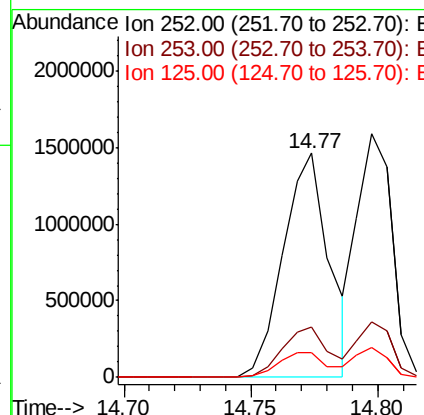
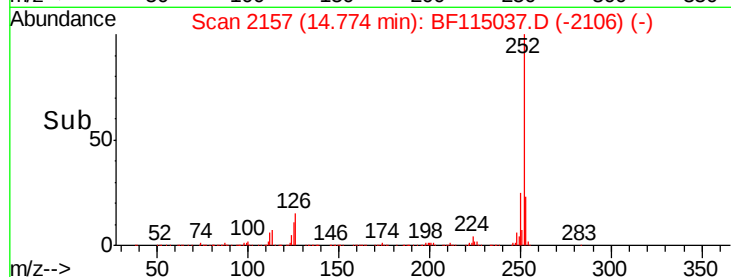
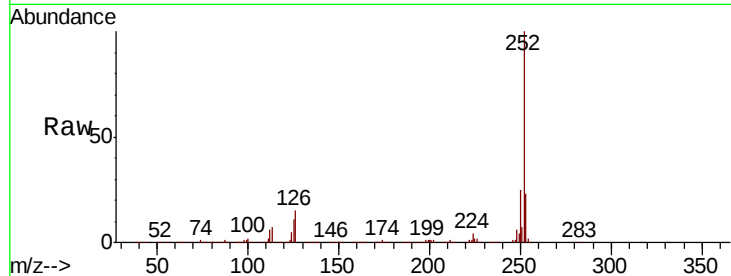




#88
Benzo(b)fluoranthene
Concen: 41.942 ng
RT: 14.77 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

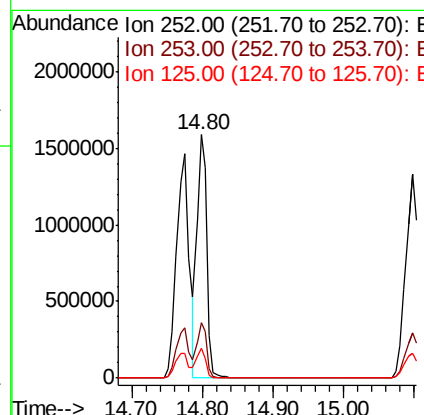
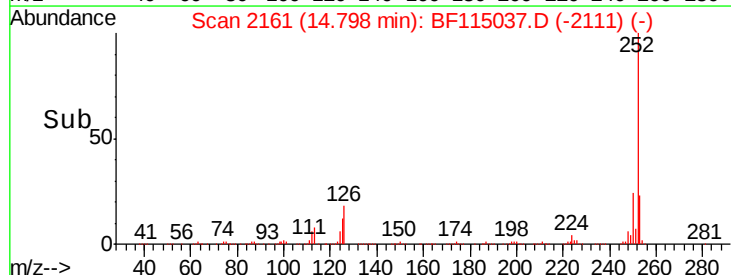
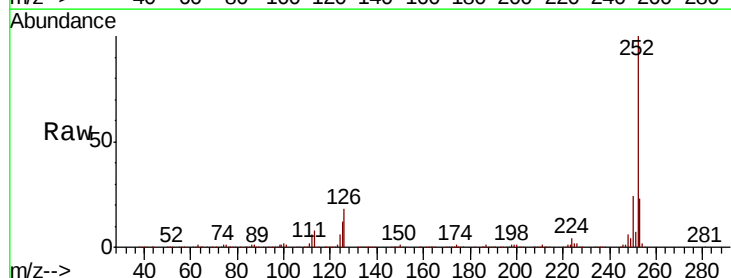
Instrument :
BNA_F
ClientSampleId :

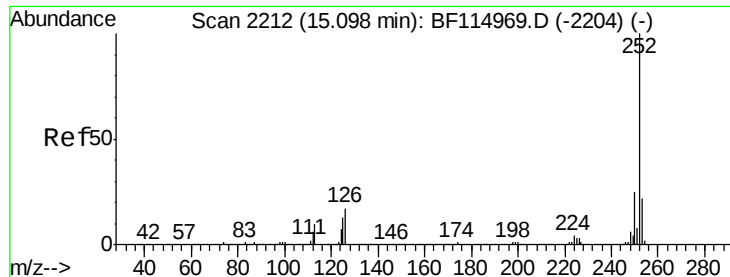
Tot Ion:252 Resp: 1840864
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 11.0 9.4 14.0



#89
Benzo(k)fluoranthene
Concen: 40.229 ng
RT: 14.80 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Tgt Ion:252 Resp: 1549804
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 12.3 8.2 12.4

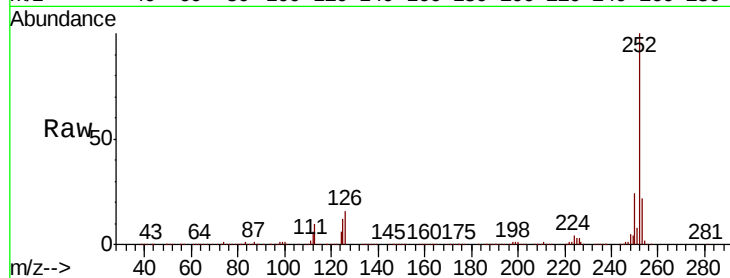




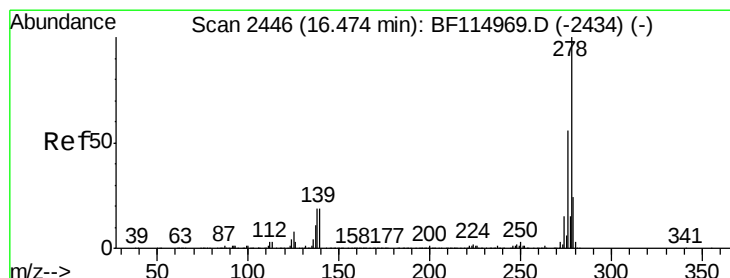
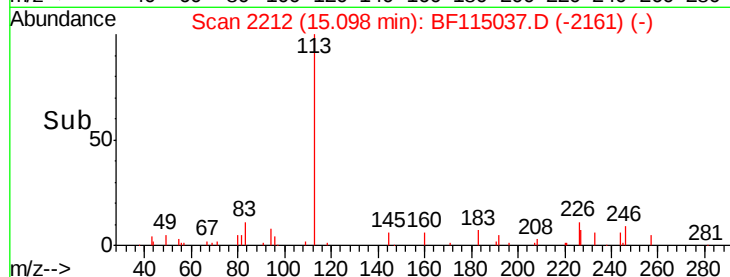
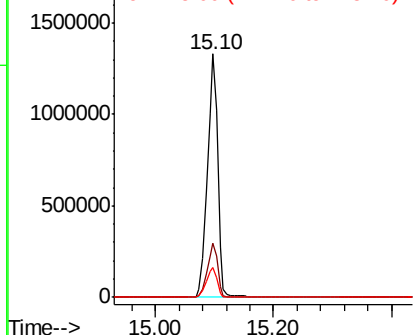
#90
Benzo(a)pyrene
Concen: 42.799 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1620927
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 12.4 10.7 16.1

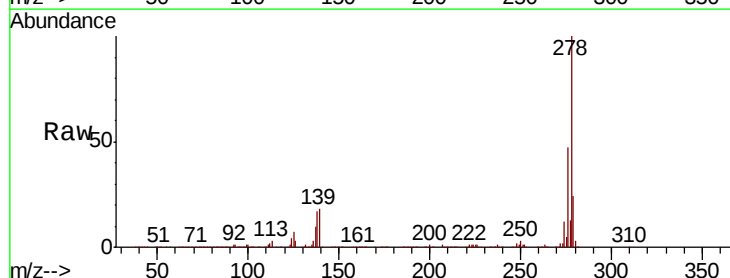


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

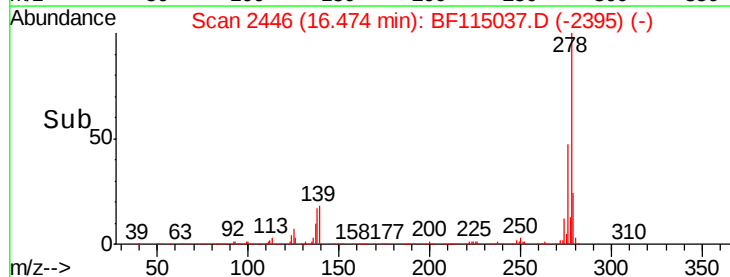
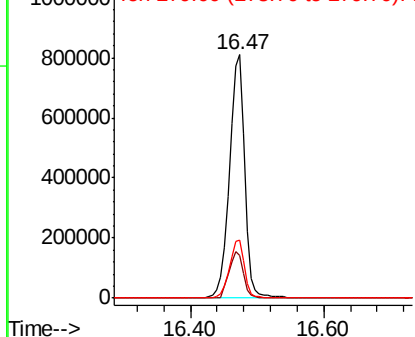


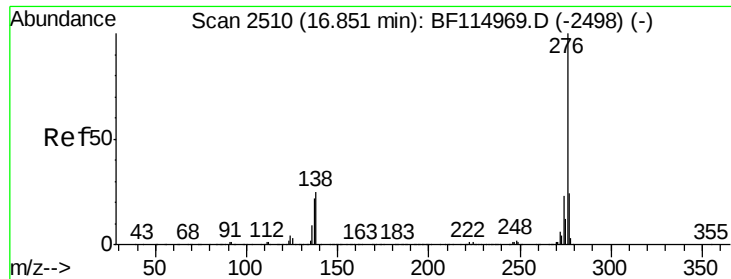
#91
Dibenzo(a,h)anthracene
Concen: 40.324 ng
RT: 16.47 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BF115037.D
Acq: 14 Jun 2019 14:03

Tgt Ion:278 Resp: 1315202
Ion Ratio Lower Upper
278 100
139 17.6 15.3 22.9
279 23.7 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(a,h,i)perylene
 Concen: 39.500 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BF115037.D
 Acq: 14 Jun 2019 14:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1313899
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.8 28.2
 138 24.6 20.2 30.4

