

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
 Data File : BF115816.D
 Acq On : 27 Jul 2019 8:36
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 00:56:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	144961	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	613509	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	343246	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	621391	20.00	ng	0.00
76) Chrysene-d12	14.04	240	434767	20.00	ng	0.00
87) Perylene-d12	15.50	264	418303	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	715166	80.70	ng	0.00
7) Phenol-d6	6.50	99	919862	81.80	ng	0.00
23) Nitrobenzene-d5	7.43	82	862668	81.76	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	295361	73.72	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1509291	76.96	ng	0.00
79) Terphenyl-d14	12.98	244	1800112	76.40	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.65	88	169744	38.398	ng	99
3) Pyridine	3.41	79	453818	37.838	ng	99
4) n-Nitrosodimethylamine	3.36	42	188045	43.218	ng	100
6) Aniline	6.53	93	637098	40.711	ng	98
8) 2-Chlorophenol	6.66	128	412397	40.474	ng	97
9) Benzaldehyde	6.42	77	290202	41.297	ng	99
10) Phenol	6.52	94	545046	41.753	ng	97
11) bis(2-Chloroethyl)ether	6.61	93	404550	40.704	ng	95
12) 1,3-Dichlorobenzene	6.82	146	455430	39.755	ng	99
13) 1,4-Dichlorobenzene	6.89	146	460532	40.291	ng	99
14) 1,2-Dichlorobenzene	7.05	146	426854	40.853	ng	99
15) Benzyl Alcohol	7.02	79	357073	40.028	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	559180	42.735	ng	98
17) 2-Methylphenol	7.13	107	359753	40.970	ng	99
18) Hexachloroethane	7.39	117	170652	40.224	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	300571	40.983	ng	99
20) 3+4-Methylphenols	7.28	107	422532	40.511	ng	97
22) Acetophenone	7.28	105	556255	40.134	ng	99
24) Nitrobenzene	7.46	77	474212	41.670	ng	98
25) Isophorone	7.69	82	860497	40.757	ng	98
26) 2-Nitrophenol	7.77	139	233726	39.901	ng	97
27) 2,4-Dimethylphenol	7.81	122	333182	38.016	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	537658	41.511	ng	100
29) 2,4-Dichlorophenol	8.02	162	370192	40.614	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	405233	39.331	ng	99
31) Naphthalene	8.18	128	1215475	40.908	ng	99
32) Benzoic acid	7.94	122	209429	29.117	ng	96
33) 4-Chloroaniline	8.22	127	542723	41.237	ng	99
34) Hexachlorobutadiene	8.30	225	235671	39.887	ng	98
35) Caprolactam	8.60	113	120143	42.655	ng	99
36) 4-Chloro-3-methylphenol	8.71	107	398981	42.198	ng	96
37) 2-Methylnaphthalene	8.87	142	818248	41.545	ng	99
38) 1-Methylnaphthalene	8.97	142	785327	41.979	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	378490	36.617	ng	99

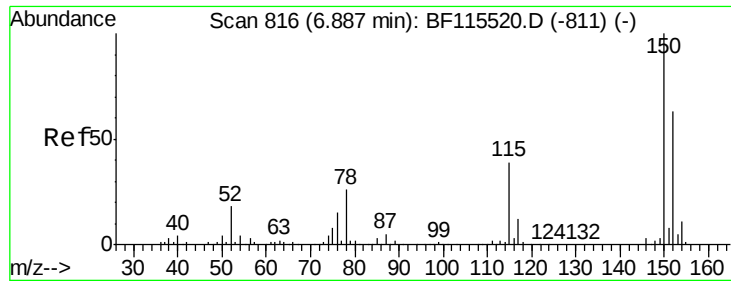
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
 Data File : BF115816.D
 Acq On : 27 Jul 2019 8:36
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 00:56:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	217352	36.863	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	257491	34.065	ng	100
44) 2,4,5-Trichlorophenol	9.19	196	276122	35.670	ng	96
46) 1,1'-Biphenyl	9.33	154	1007395	37.541	ng	99
47) 2-Chloronaphthalene	9.36	162	824571	36.904	ng	98
48) 2-Nitroaniline	9.45	65	272413	39.390	ng	97
49) Acenaphthylene	9.77	152	1246403	37.646	ng	100
50) Dimethylphthalate	9.63	163	997636	38.631	ng	100
51) 2,6-Dinitrotoluene	9.69	165	219987	37.484	ng	98
52) Acenaphthene	9.95	154	752961	35.226	ng	98
53) 3-Nitroaniline	9.86	138	254112	37.889	ng	96
54) 2,4-Dinitrophenol	9.97	184	121237	40.236	ng	97
55) Dibenzofuran	10.12	168	1122996	36.995	ng	99
56) 4-Nitrophenol	10.03	139	201562	39.412	ng	97
57) 2,4-Dinitrotoluene	10.10	165	295931	38.921	ng	94
58) Fluorene	10.46	166	855885	39.441	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	242583	37.487	ng	100
60) Diethylphthalate	10.33	149	959159	39.640	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	449490	37.351	ng	98
62) 4-Nitroaniline	10.48	138	263826	41.010	ng	96
63) Azobenzene	10.61	77	977596	41.653	ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	133915	35.273	ng	92
66) n-Nitrosodiphenylamine	10.57	169	784410	40.581	ng	100
67) 4-Bromophenyl-phenylether	10.94	248	285574	40.216	ng	99
68) Hexachlorobenzene	11.02	284	320978	39.581	ng	96
69) Atrazine	11.09	200	228811	36.084	ng	99
70) Pentachlorophenol	11.20	266	167999	33.872	ng	99
71) Phenanthrene	11.42	178	1314497	41.269	ng	100
72) Anthracene	11.47	178	1330797	40.428	ng	100
73) Carbazole	11.62	167	1238645	42.910	ng	100
74) Di-n-butylphthalate	11.95	149	1567565	44.086	ng	100
75) Fluoranthene	12.61	202	1376870	40.906	ng	99
77) Benzidine	12.72	184	609841	39.596	ng	100
78) Pyrene	12.84	202	1391962	37.789	ng	100
80) Butylbenzylphthalate	13.44	149	660367	42.055	ng	100
81) Benzo(a)anthracene	14.03	228	1195865	41.751	ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	419144	41.164	ng	99
83) Chrysene	14.06	228	1130086	39.303	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	923519	47.481	ng	100
85) Di-n-octyl phthalate	14.62	149	1425974	46.077	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	998443	40.873	ng	99
88) Benzo(b)fluoranthene	15.07	252	1066752	39.604	ng	99
89) Benzo(k)fluoranthene	15.10	252	902159	37.568	ng	99
90) Benzo(a)pyrene	15.44	252	900685	38.905	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	830612	40.869	ng	98
92) Benzo(g,h,i)perylene	17.43	276	769768	37.977	ng	98

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

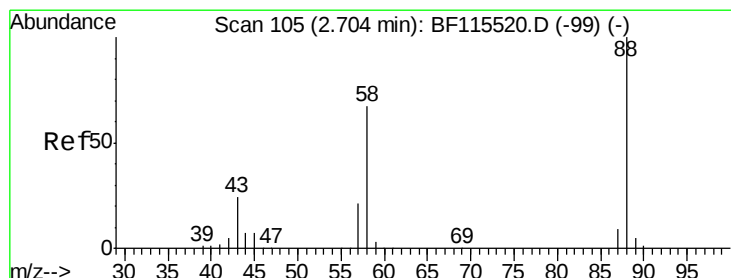
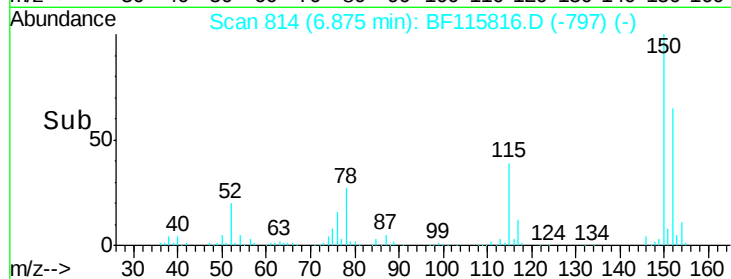
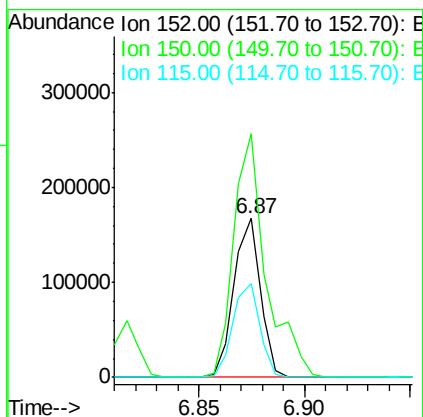
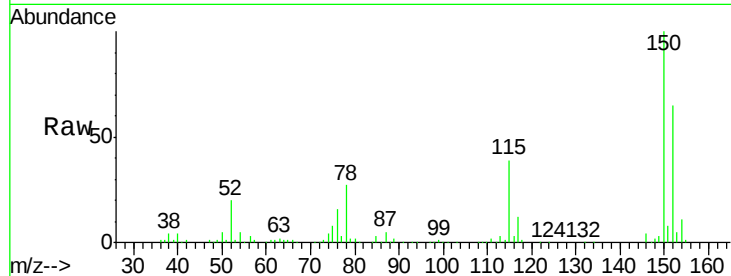


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :

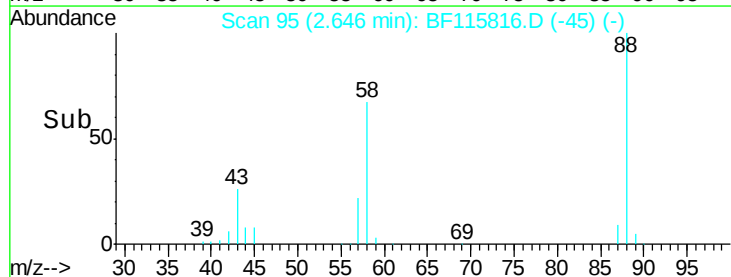
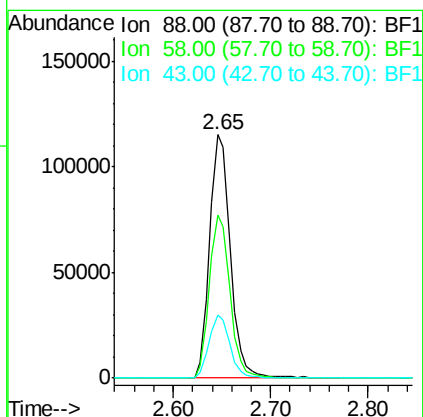
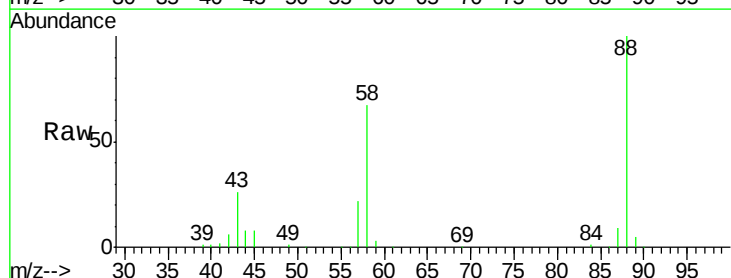
Tot Ion:152 Resp: 144961
Ion Ratio Lower Upper
152 100
150 153.3 126.6 189.8
115 59.2 47.8 71.6

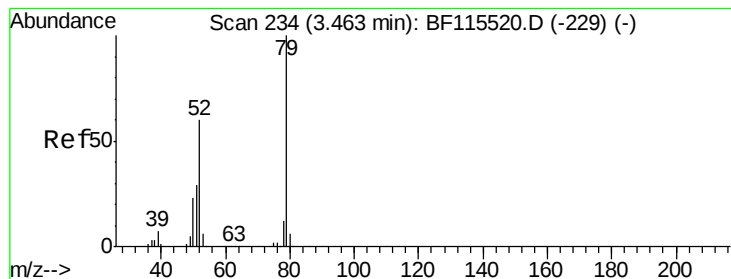


#2

1,4-Dioxane
Concen: 38.398 ng
RT: 2.65 min Scan# 95
Delta R.T. -0.01 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion: 88 Resp: 169744
Ion Ratio Lower Upper
88 100
58 66.5 54.2 81.4
43 26.1 20.8 31.2





#3

Pvridine

Concen: 37.838 ng

RT: 3.41 min Scan# 225

Delta R.T. -0.01 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

ClientSampleId :

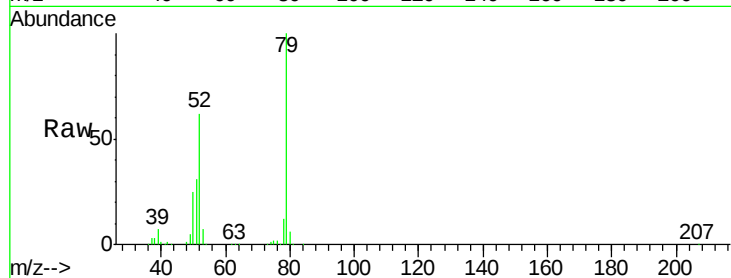
Tot Ion: 79 Resp: 453818

Ion Ratio Lower Upper

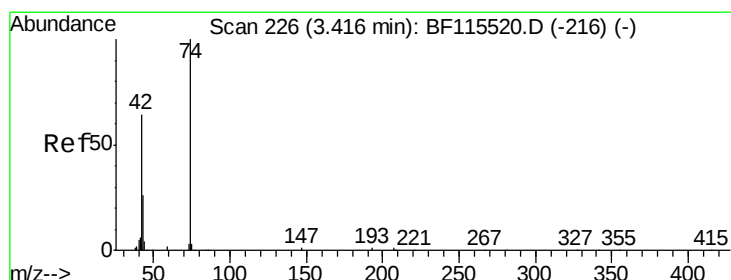
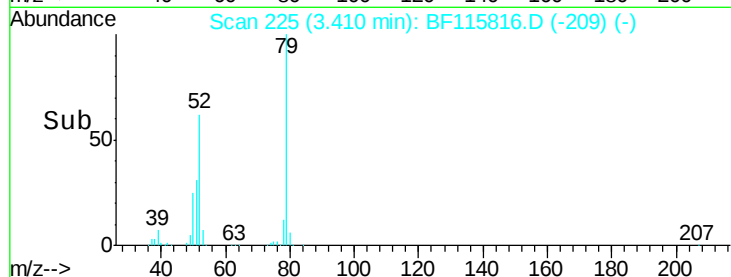
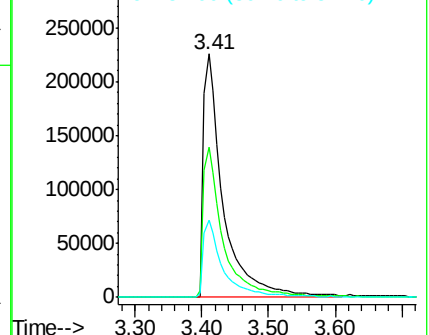
79 100

52 61.8 48.4 72.6

51 31.5 24.8 37.2



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



#4

n-Nitrosodimethylamine

Concen: 43.218 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.01 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

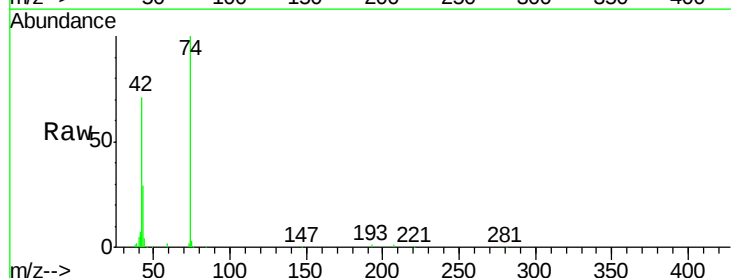
Tgt Ion: 42 Resp: 188045

Ion Ratio Lower Upper

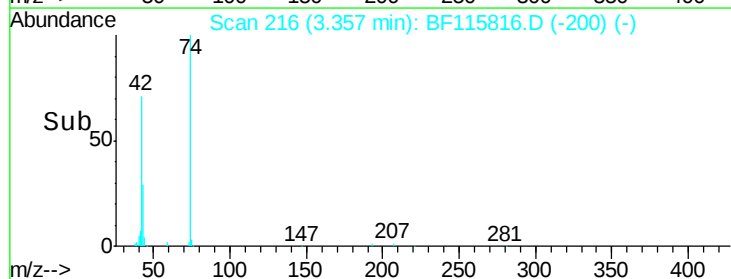
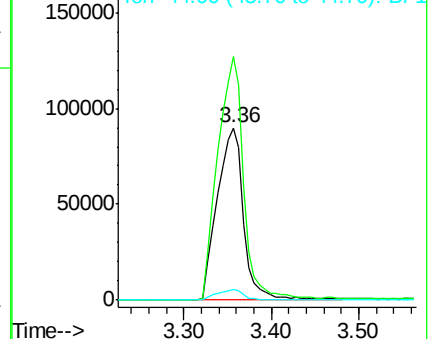
42 100

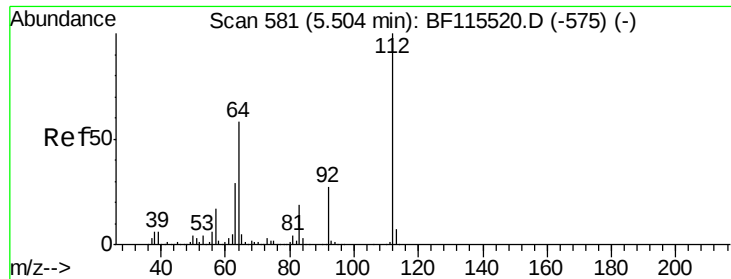
74 141.1 113.4 170.0

44 6.1 5.1 7.7



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: 80.698 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

ClientSampleId :

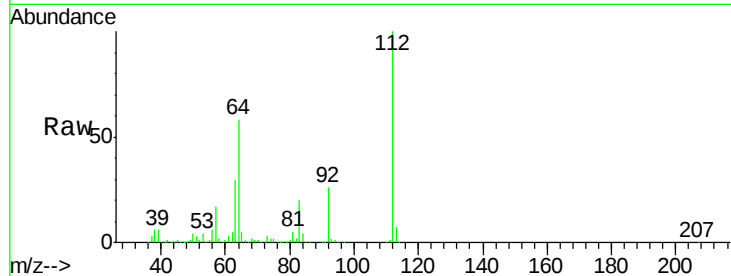
Tot Ion:112 Resp: 715166

Ion Ratio Lower Upper

112 100

64 58.0 45.8 68.8

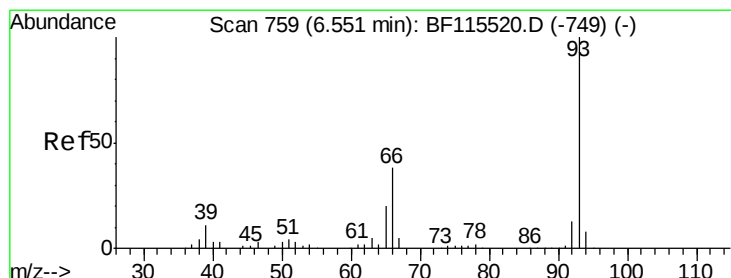
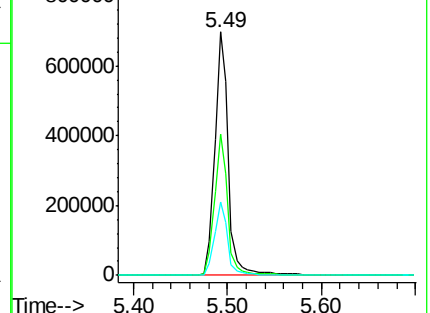
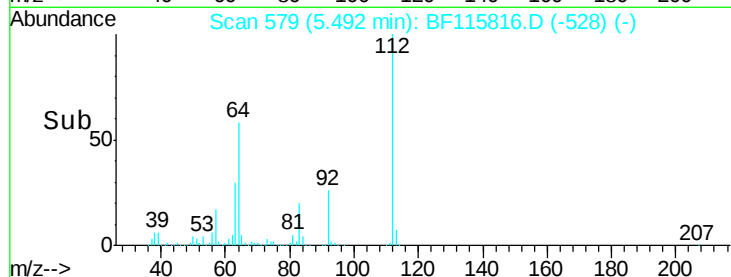
63 30.4 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.711 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

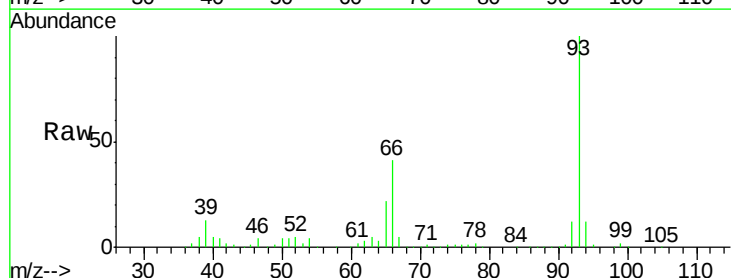
Tgt Ion: 93 Resp: 637098

Ion Ratio Lower Upper

93 100

66 41.0 32.2 48.2

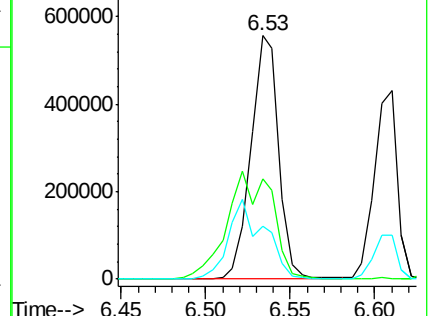
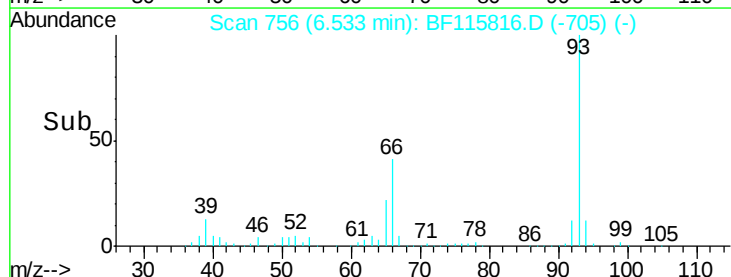
65 21.5 16.5 24.7

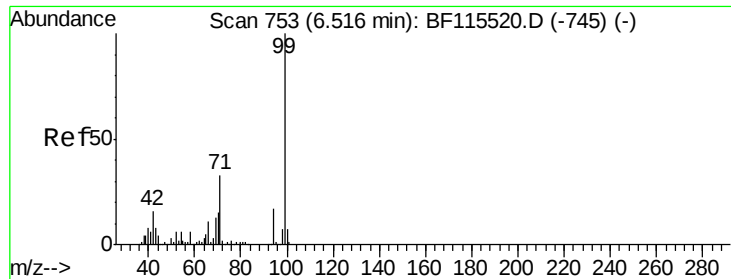


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.800 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

ClientSampleId :

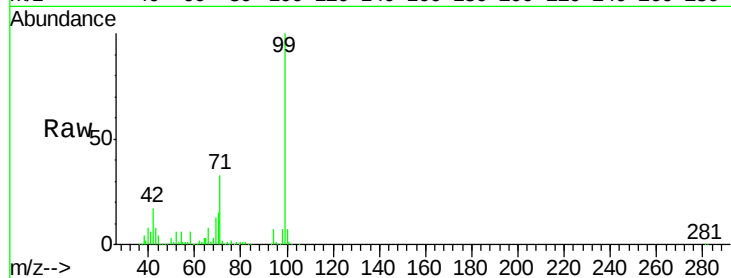
Tot Ion: 99 Resp: 919862

Ion Ratio Lower Upper

99 100

42 17.4 13.4 20.2

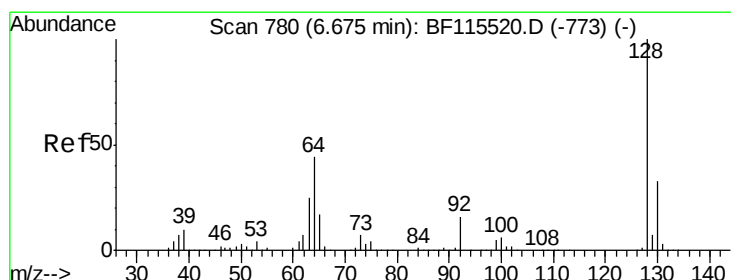
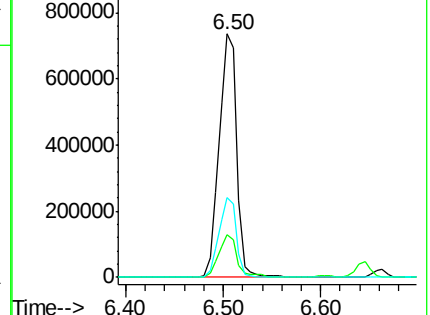
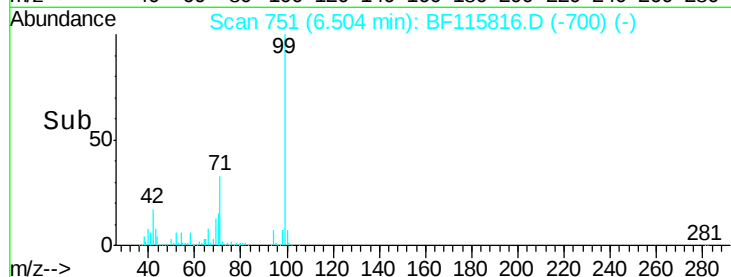
71 32.8 26.7 40.1



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: 40.474 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

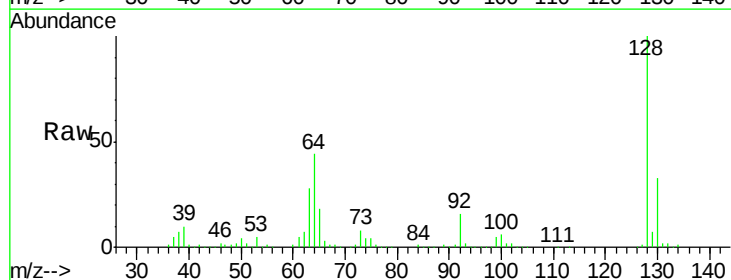
Tgt Ion: 128 Resp: 412397

Ion Ratio Lower Upper

128 100

130 32.8 13.8 53.8

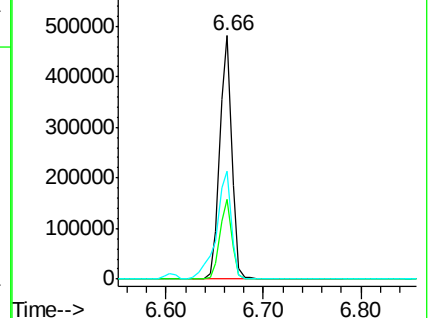
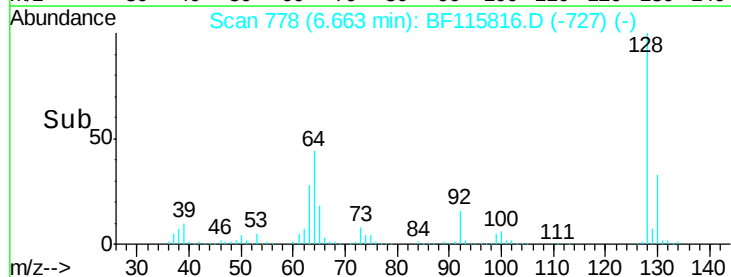
64 44.4 22.4 62.4

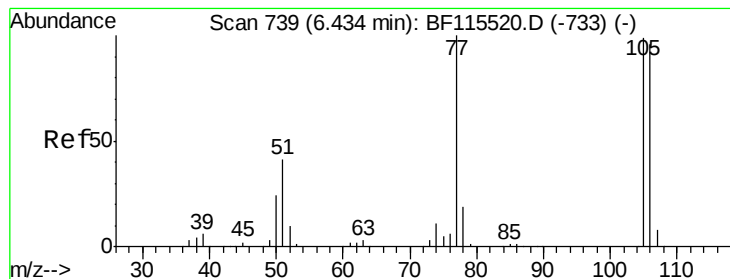


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.297 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

ClientSampleId :

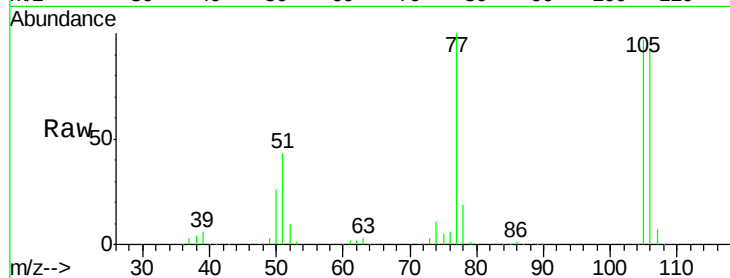
Tot Ion: 77 Resp: 290202

Ion Ratio Lower Upper

77 100

105 97.2 77.5 117.5

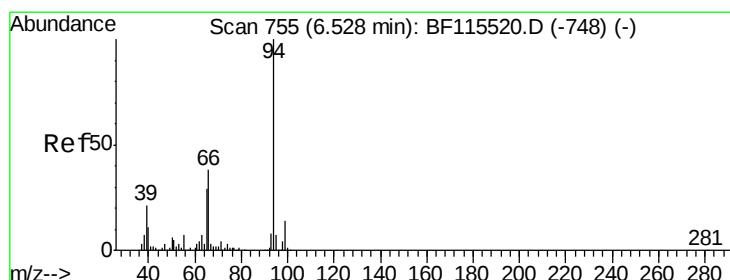
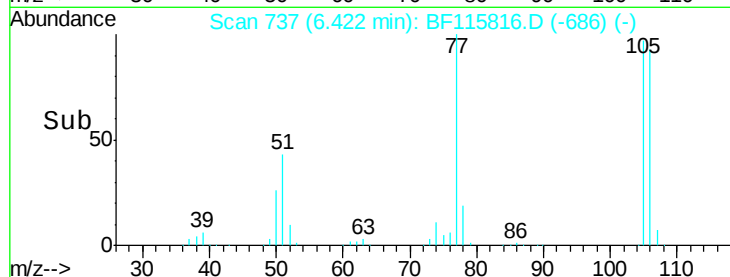
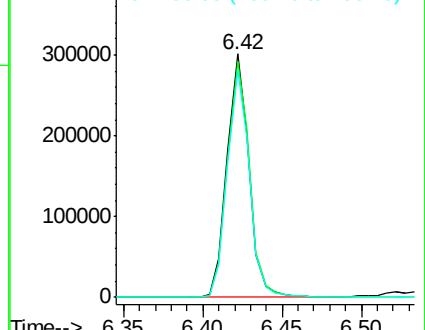
106 93.2 74.7 114.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.753 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

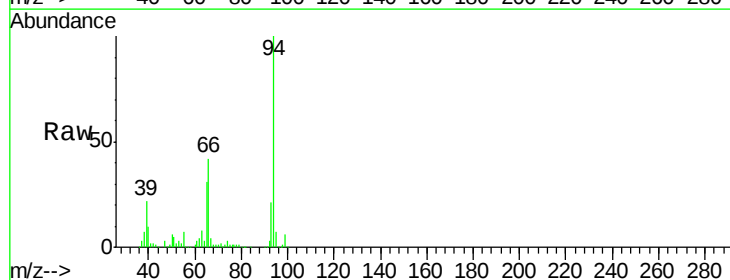
Tgt Ion: 94 Resp: 545046

Ion Ratio Lower Upper

94 100

65 30.8 11.2 51.2

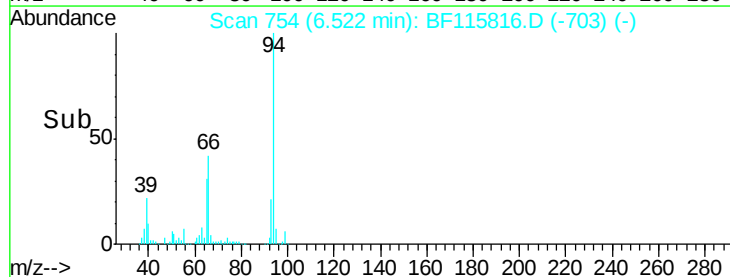
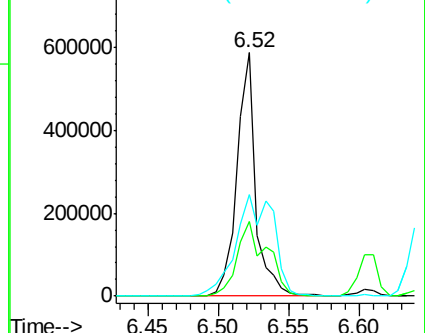
66 41.8 24.4 64.4



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

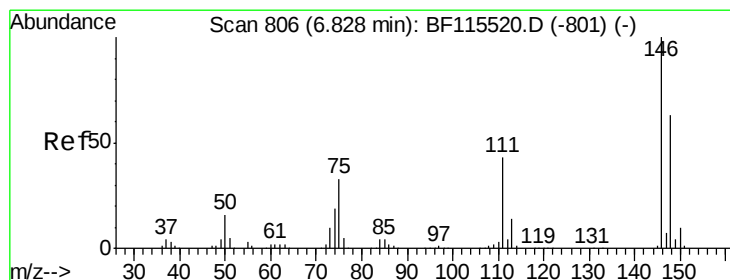
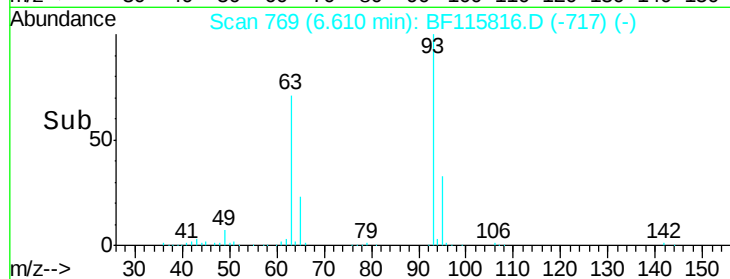
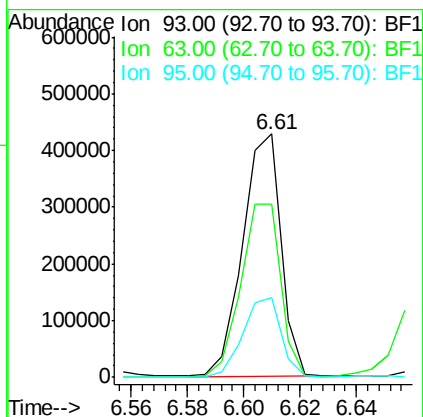
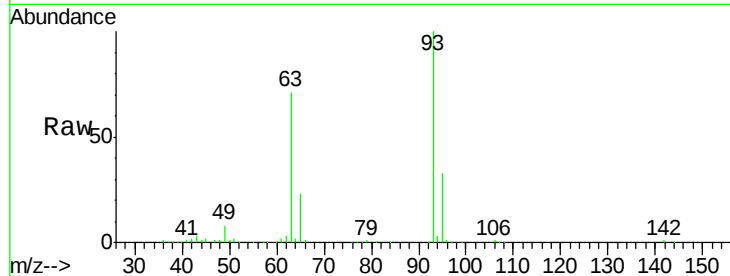




#11
bis(2-Chloroethyl)ether
Concen: 40.704 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

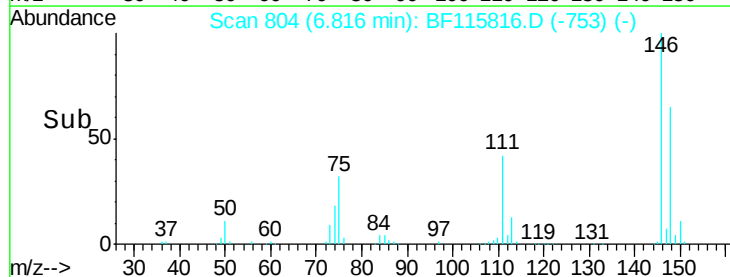
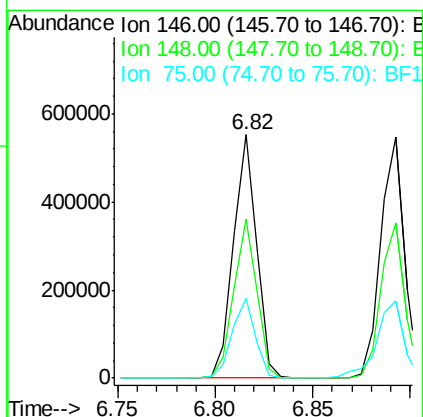
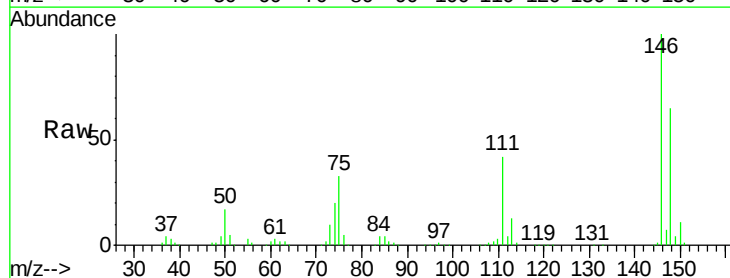
Instrument :
BNA_F
ClientSampleId :

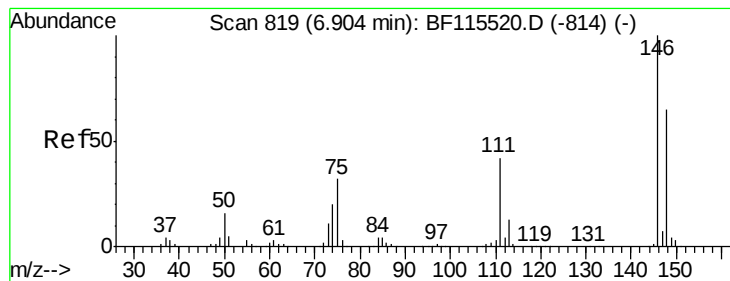
Tot Ion: 93 Resp: 404550
Ion Ratio Lower Upper
93 100
63 71.0 56.2 96.2
95 32.8 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 39.755 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion: 146 Resp: 455430
Ion Ratio Lower Upper
146 100
148 65.4 51.9 77.9
75 32.8 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 40.291 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

ClientSampleId :

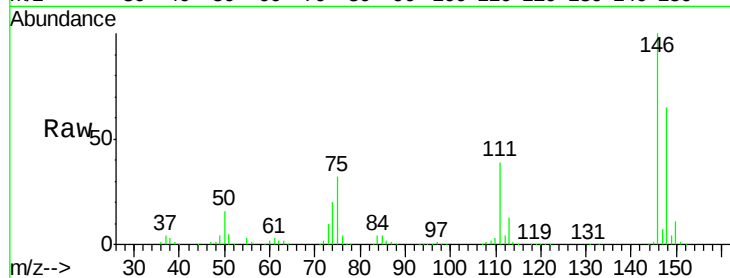
Tot Ion:146 Resp: 460532

Ion Ratio Lower Upper

146 100

148 64.8 52.7 79.1

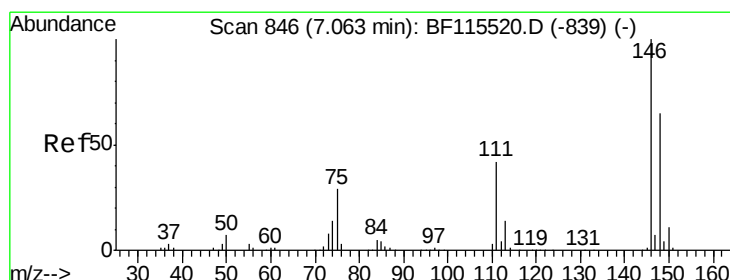
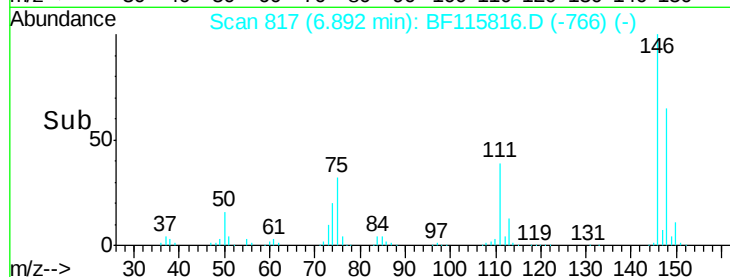
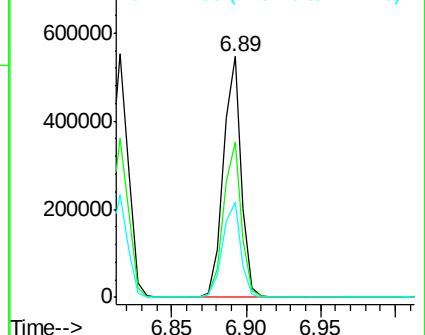
111 39.4 32.2 48.4



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: 40.853 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

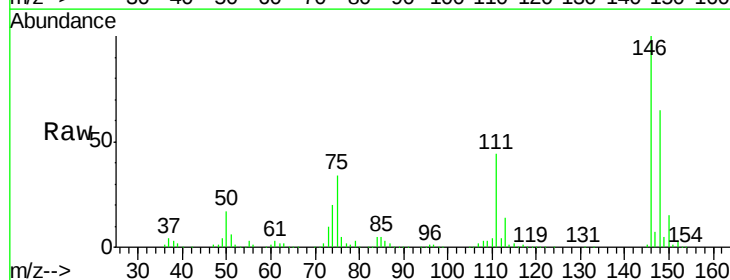
Tgt Ion:146 Resp: 426854

Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.8

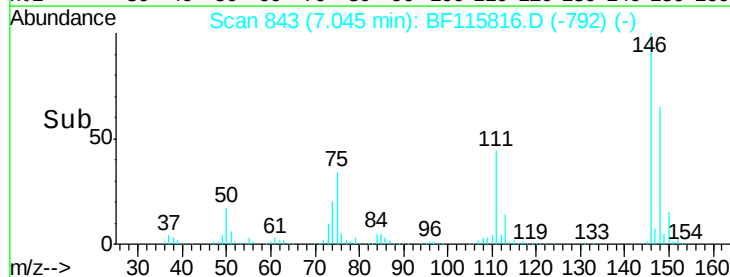
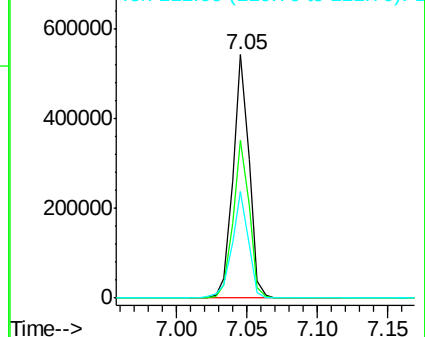
111 43.9 34.6 51.8

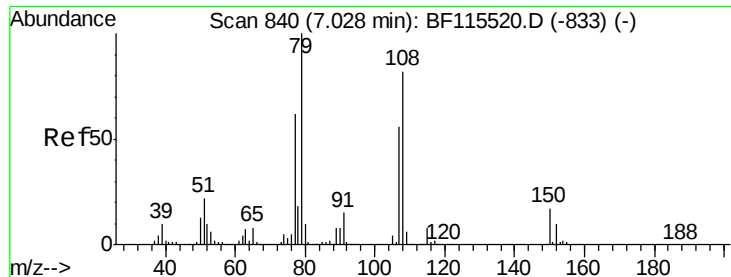


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.028 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

ClientSampleId :

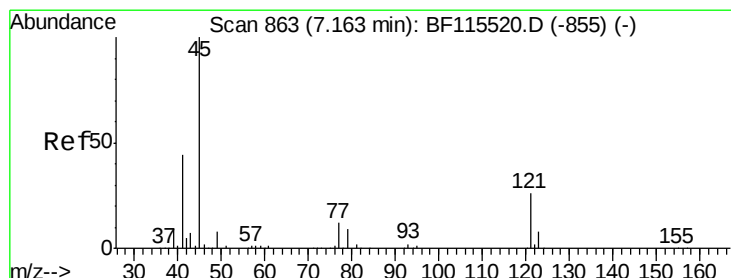
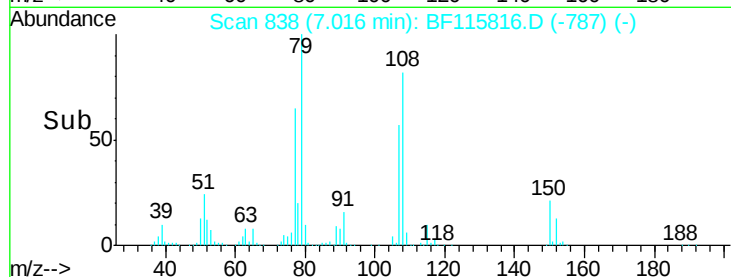
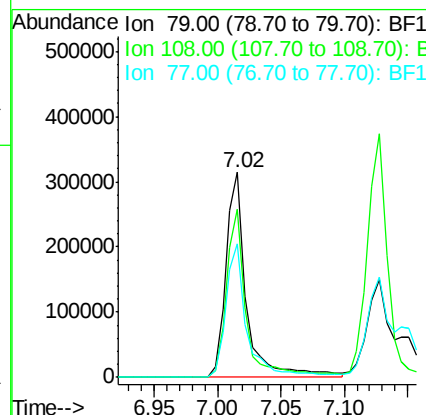
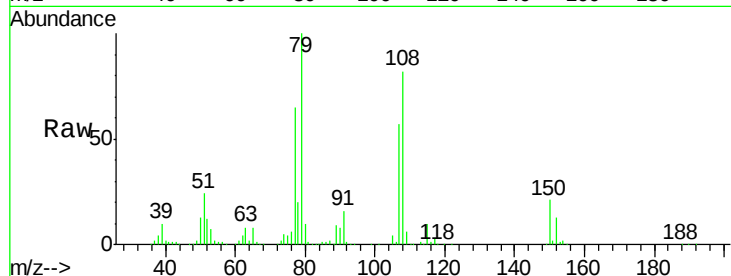
Tot Ion: 79 Resp: 357073

Ion Ratio Lower Upper

79 100

108 82.2 65.4 98.2

77 65.3 52.7 79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.735 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

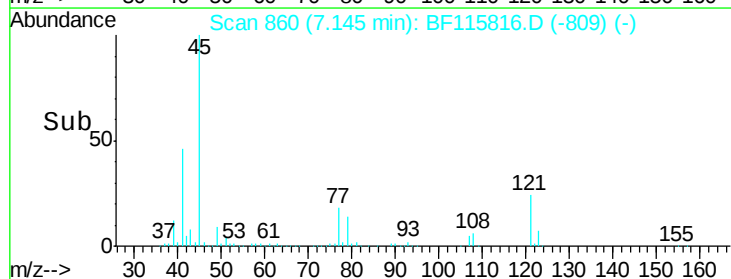
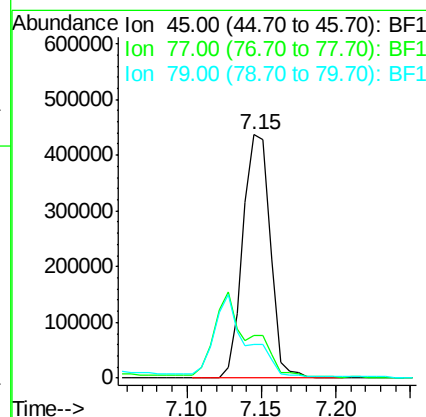
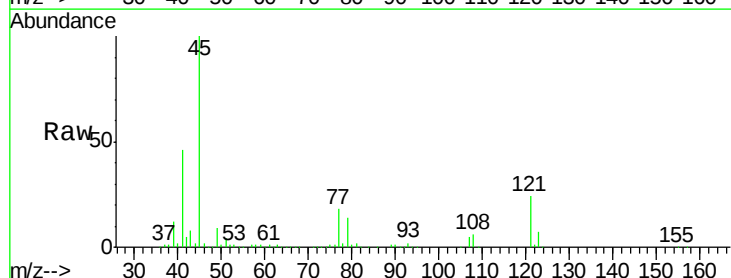
Tgt Ion: 45 Resp: 559180

Ion Ratio Lower Upper

45 100

77 17.5 0.0 36.8

79 14.0 0.0 33.1

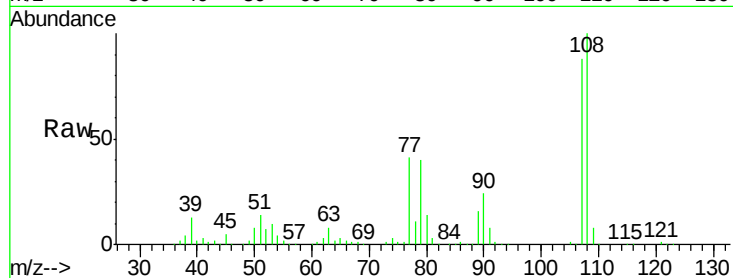




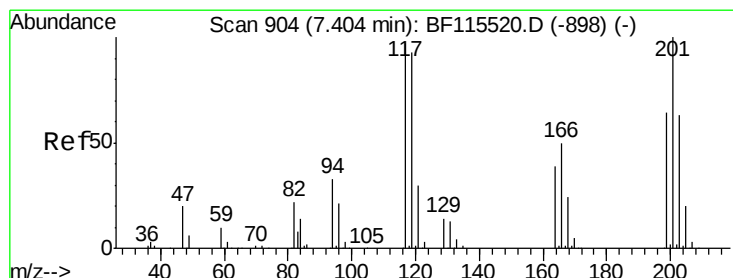
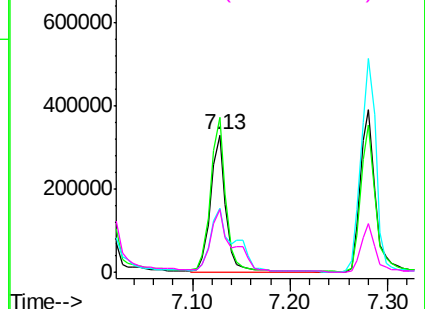
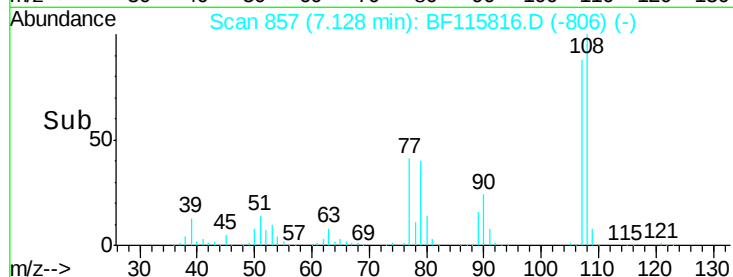
#17
2-Methylphenol
Concen: 40.970 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 359753
Ion Ratio Lower Upper
107 100
108 113.4 91.3 136.9
77 46.9 36.9 55.3
79 45.6 35.4 53.0

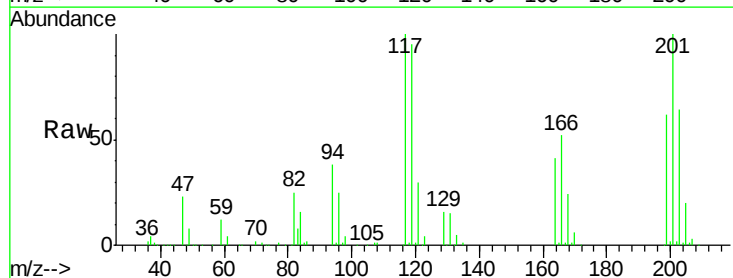


Abundance Ion 107.00 (106.70 to 107.70): E
800000
Ion 108.00 (107.70 to 108.70): E
600000
Ion 77.00 (76.70 to 77.70): BF1
400000
Ion 79.00 (78.70 to 79.70): BF1
200000
0

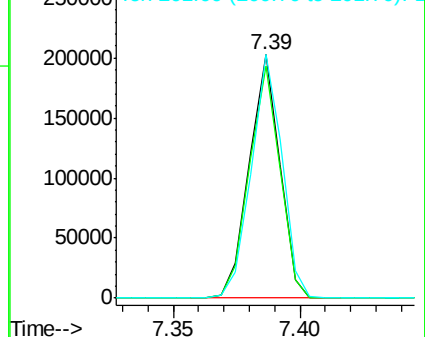
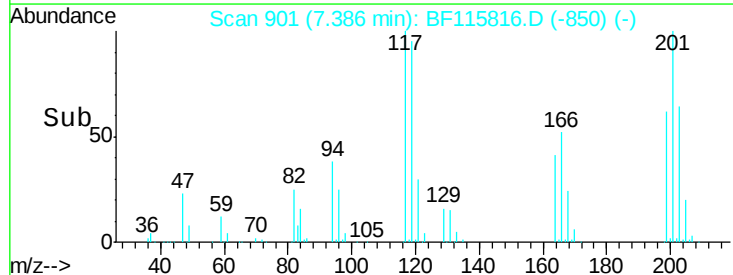


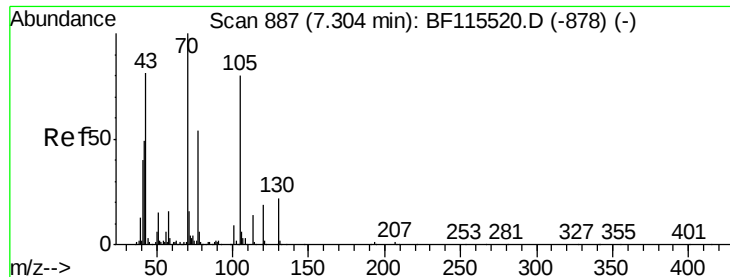
#18
Hexachloroethane
Concen: 40.224 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion:117 Resp: 170652
Ion Ratio Lower Upper
117 100
119 95.1 74.8 112.2
201 99.8 77.6 116.4



Abundance Ion 117.00 (116.70 to 117.70): E
250000
Ion 119.00 (118.70 to 119.70): E
200000
Ion 201.00 (200.70 to 201.70): E
150000
100000
50000
0

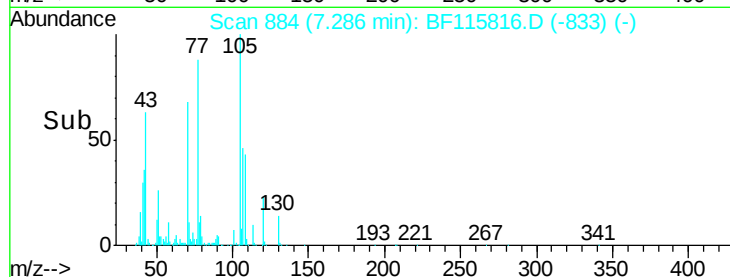
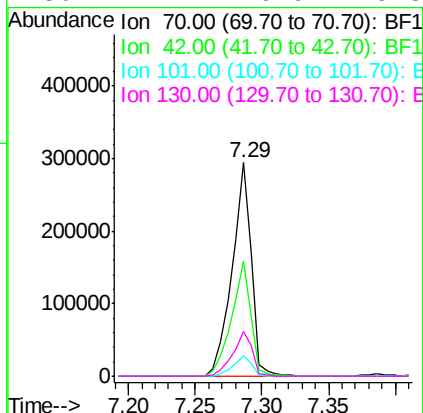
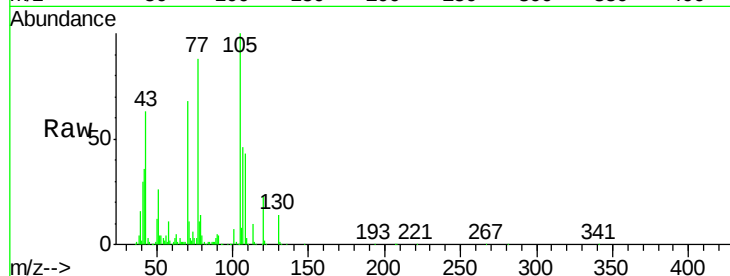




#19
n-Nitroso-di-n-propylamine
Concen: 40.983 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

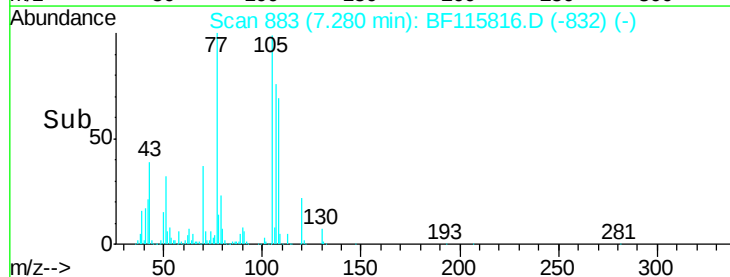
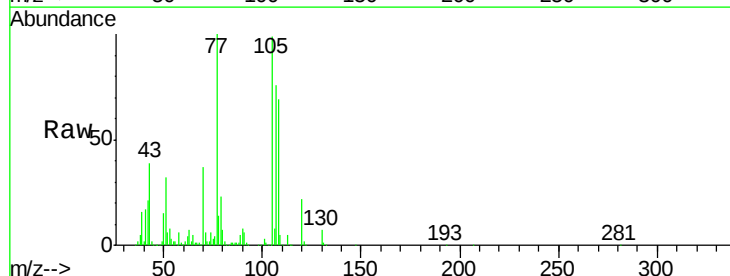
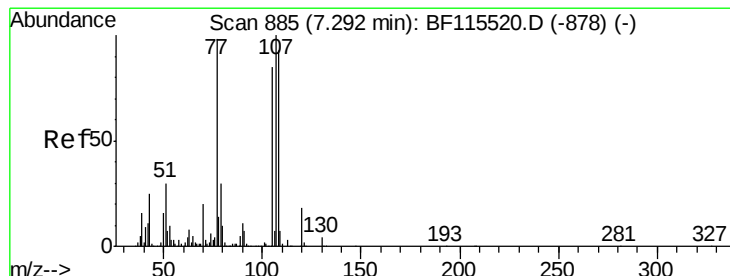
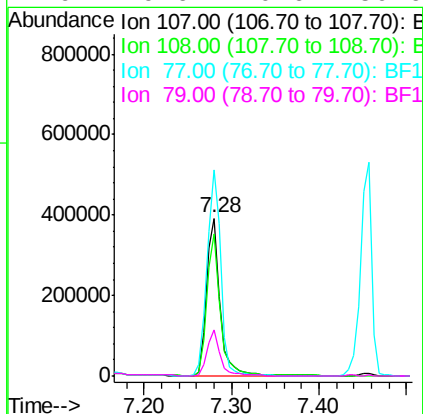
Instrument :
BNA_F
ClientSampleId :

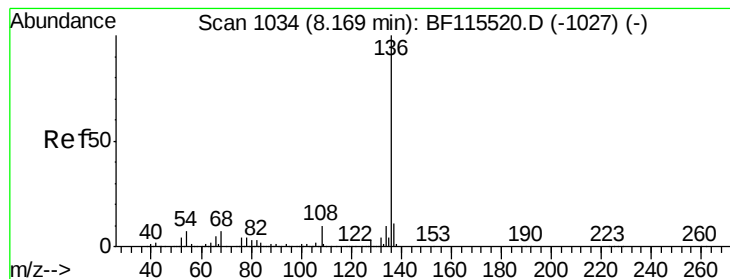
Tot Ion:	70	Resp:	300571
Ion	Ratio	Lower	Upper
70	100		
42	53.7	41.8	62.8
101	9.9	7.6	11.4
130	21.2	16.9	25.3



#20
3+4-Methylphenols
Concen: 40.511 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion:	107	Resp:	422532
Ion	Ratio	Lower	Upper
107	100		
108	90.3	73.0	113.0
77	131.2	107.5	147.5
79	29.6	10.6	50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 613509

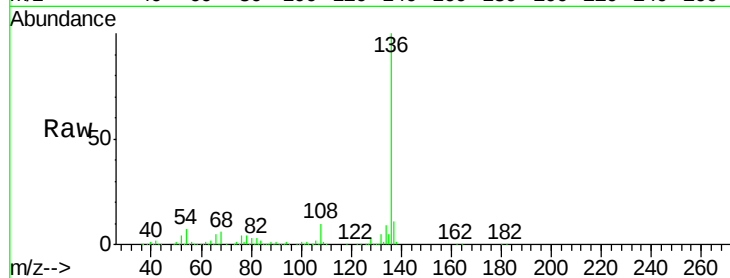
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.6 5.0 7.6

68 5.7 4.7 7.1

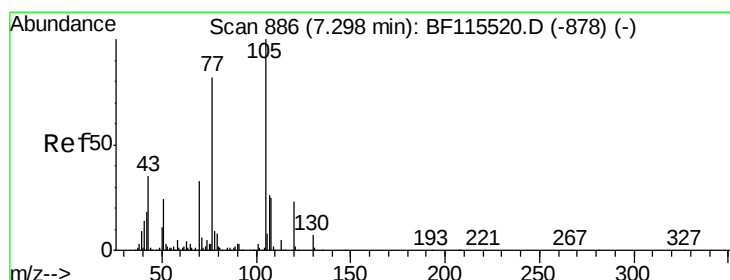
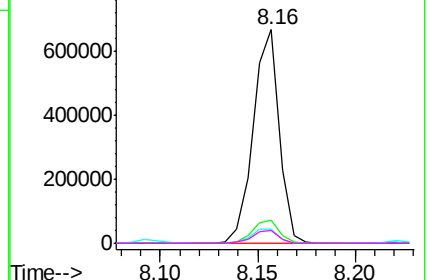
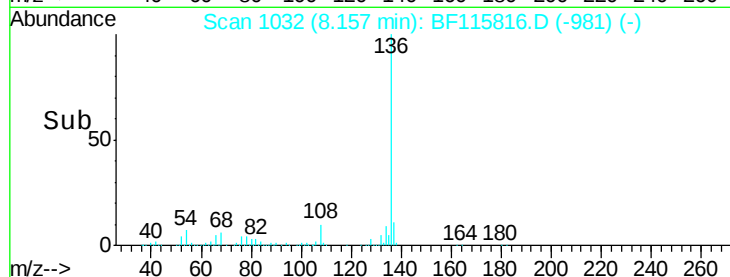


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.134 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Tgt Ion:105 Resp: 556255

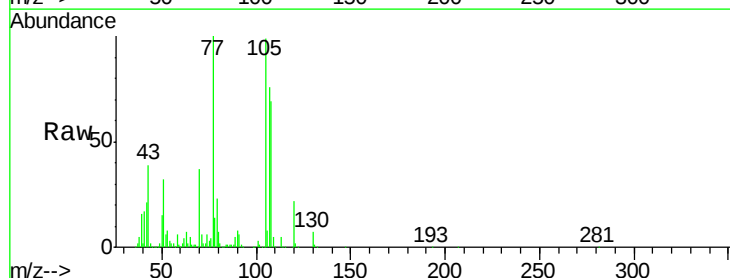
Ion Ratio Lower Upper

105 100

71 6.2 4.7 7.1

51 32.4 25.6 38.4

120 22.0 17.7 26.5

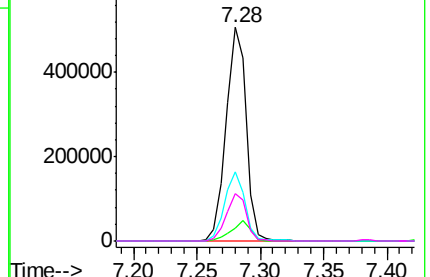
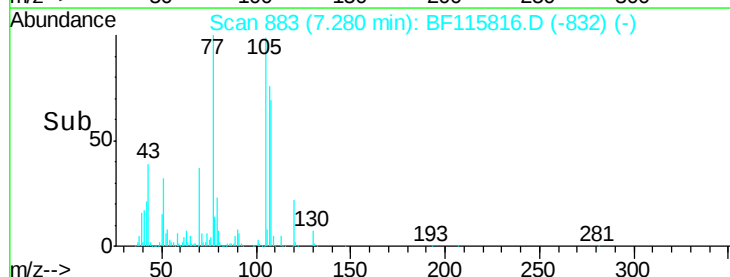


Abundance Ion 105.00 (104.70 to 105.70): E

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

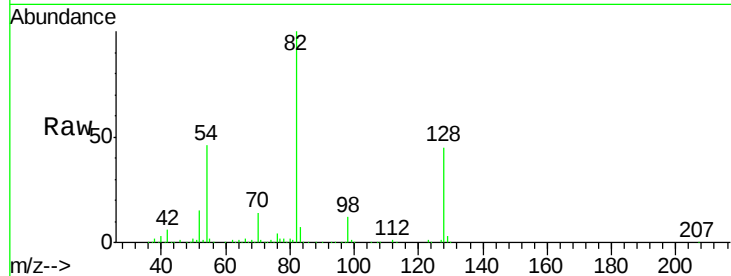




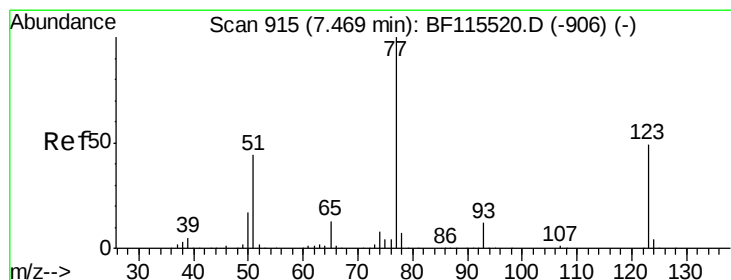
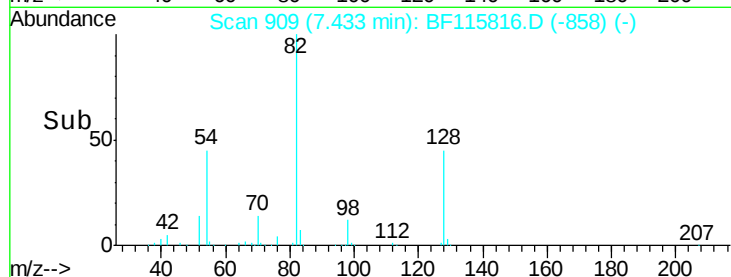
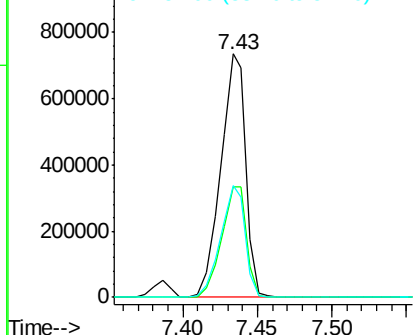
#23
Nitrobenzene-d5
Concen: 81.761 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 862668
Ion Ratio Lower Upper
82 100
128 45.4 36.6 55.0
54 45.7 36.6 54.8

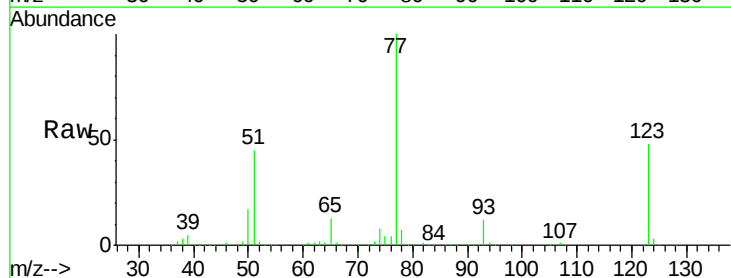


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

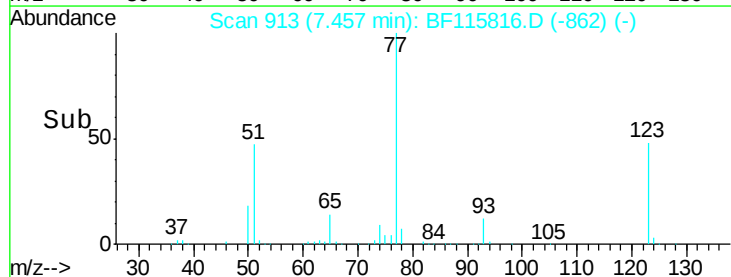
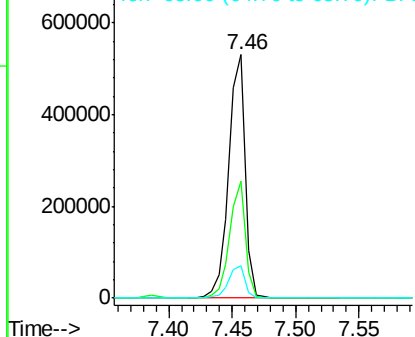


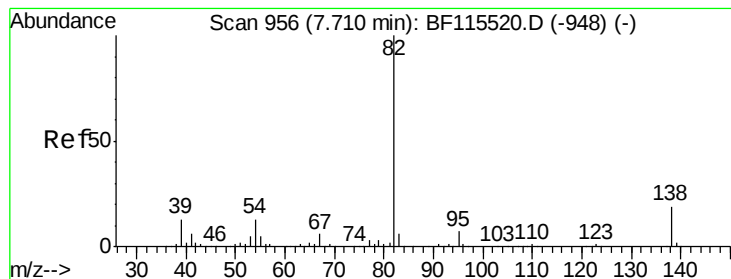
#24
Nitrobenzene
Concen: 41.670 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion: 77 Resp: 474212
Ion Ratio Lower Upper
77 100
123 48.2 39.9 59.9
65 13.3 10.5 15.7



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: 40.757 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

ClientSampleId :

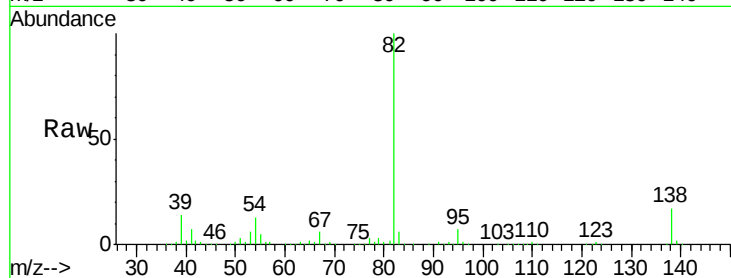
Tot Ion: 82 Resp: 860497

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

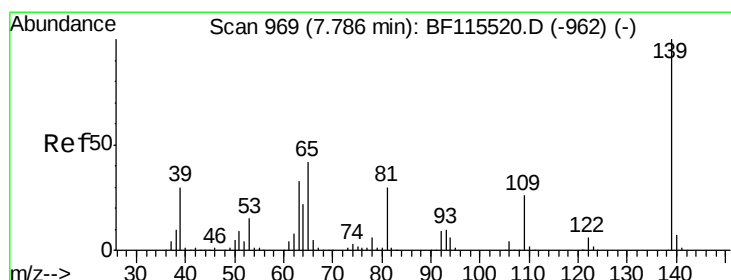
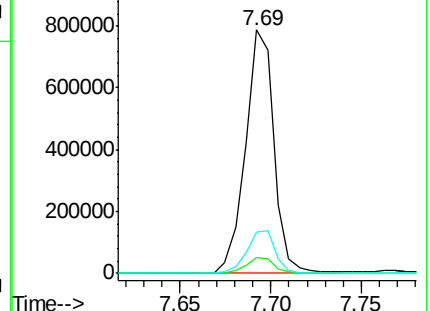
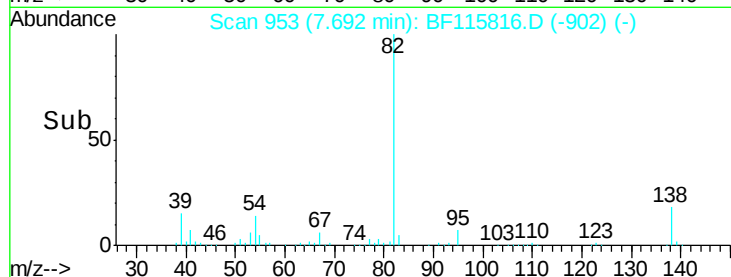
138 17.1 14.2 21.4



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: 39.901 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

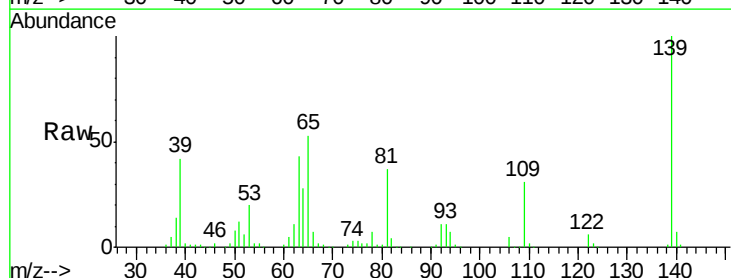
Tgt Ion: 139 Resp: 233726

Ion Ratio Lower Upper

139 100

109 30.8 23.2 34.8

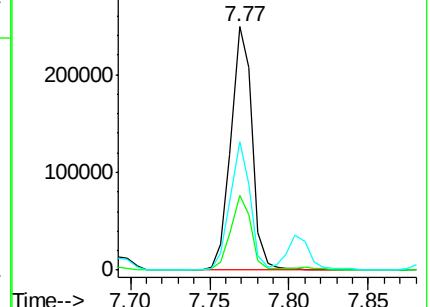
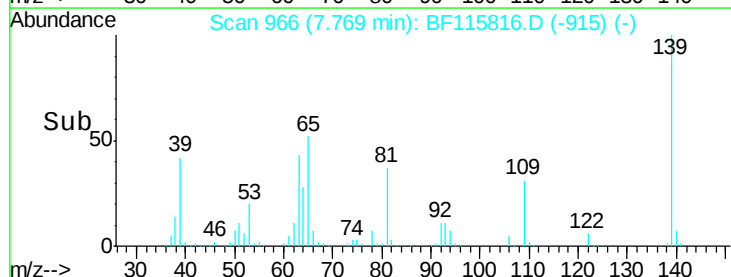
65 52.6 40.5 60.7

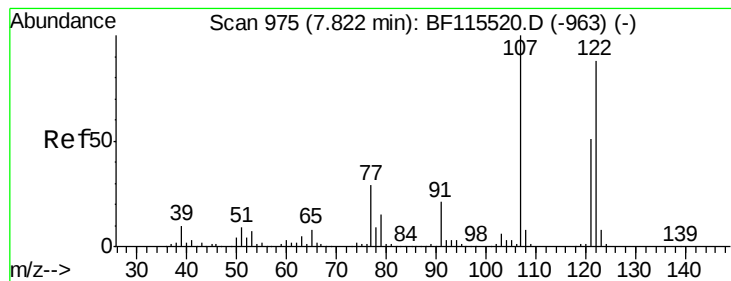


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

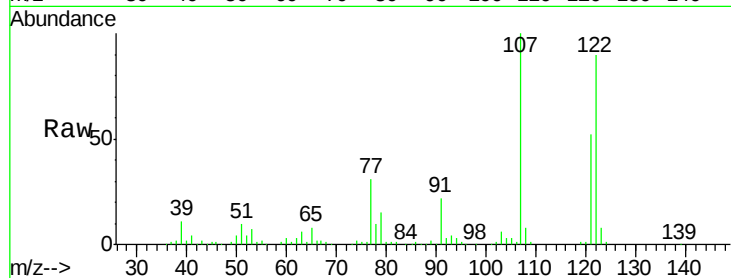




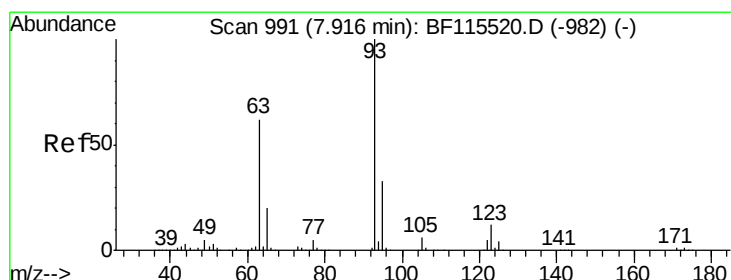
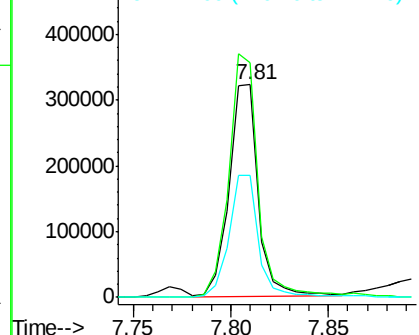
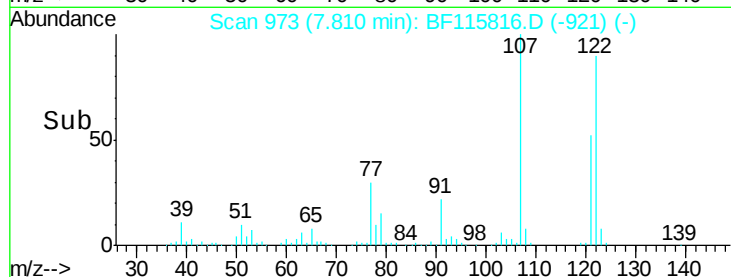
#27
2,4-Dimethylphenol
Concen: 38.016 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.01 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 333182
Ion Ratio Lower Upper
122 100
107 110.7 92.6 138.8
121 57.5 46.2 69.4

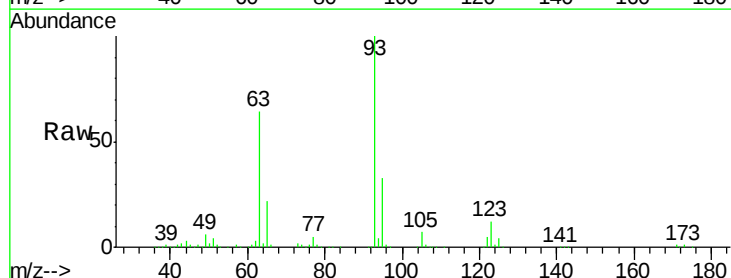


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

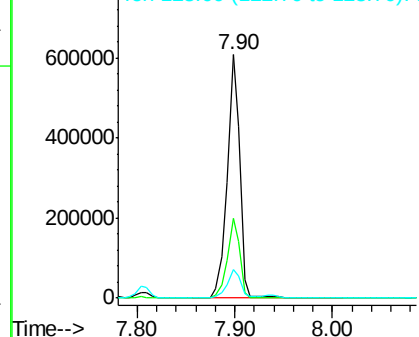
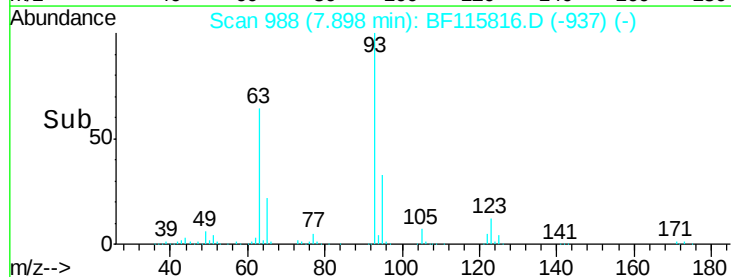


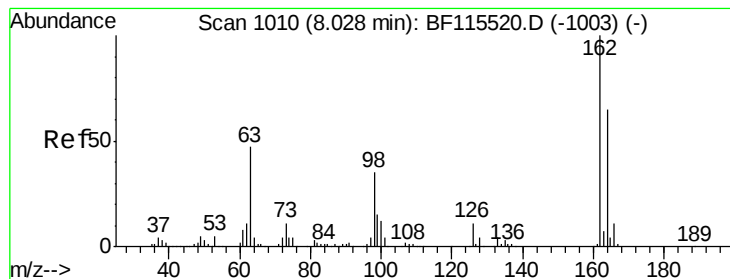
#28
bis(2-Chloroethoxy)methane
Concen: 41.511 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion: 93 Resp: 537658
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.4
123 11.6 9.3 13.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.614 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

ClientSampled :

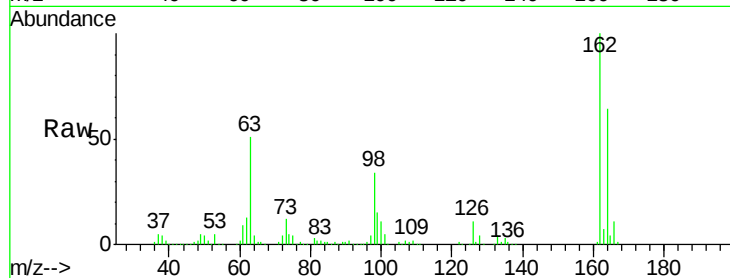
Tot Ion:162 Resp: 370192

Ion Ratio Lower Upper

162 100

164 64.0 44.1 84.1

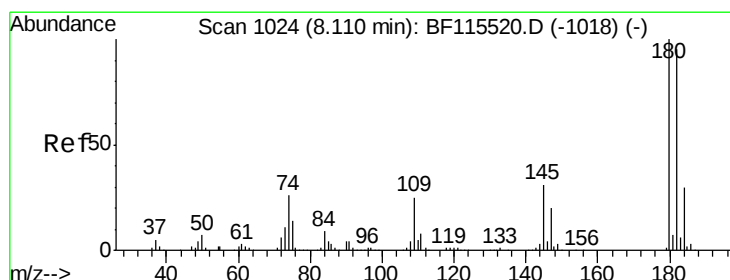
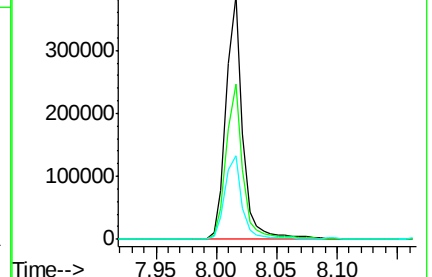
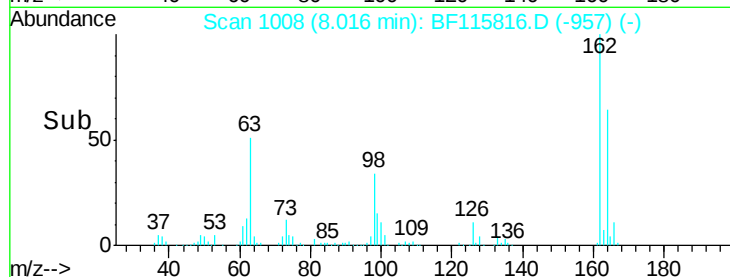
98 34.4 12.9 52.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.331 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

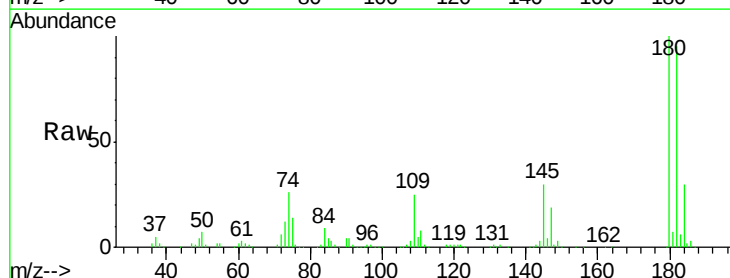
Tgt Ion:180 Resp: 405233

Ion Ratio Lower Upper

180 100

182 95.0 76.7 115.1

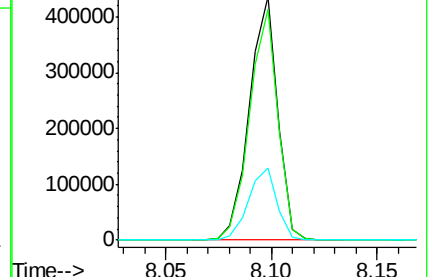
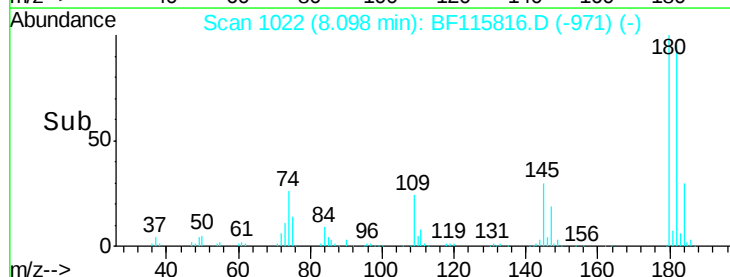
145 29.8 23.6 35.4

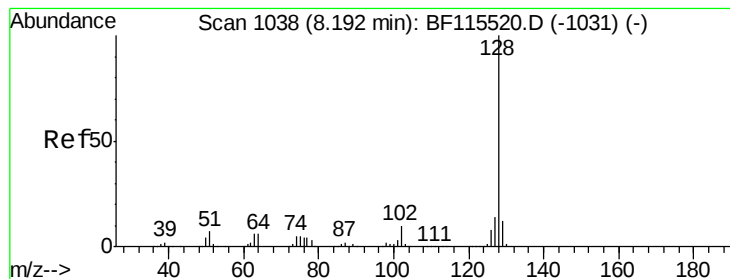


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.908 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.01 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

ClientSampleId :

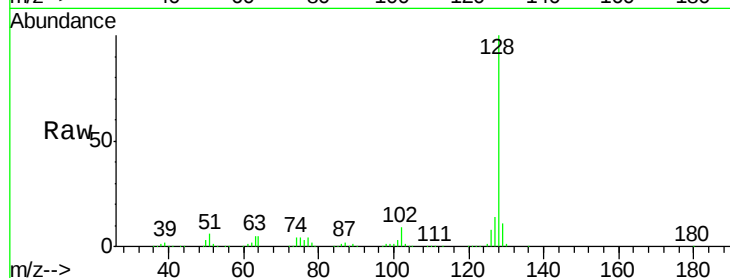
Tot Ion:128 Resp: 1215475

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

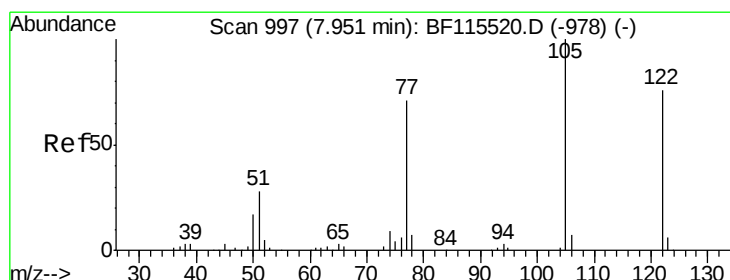
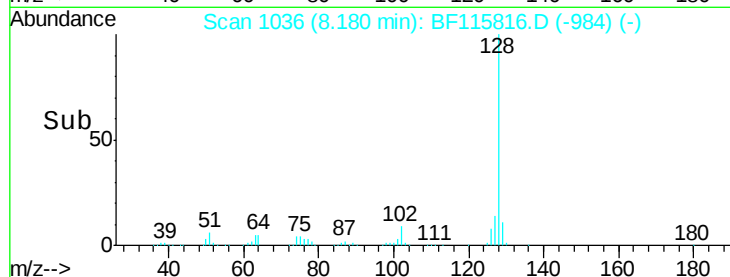
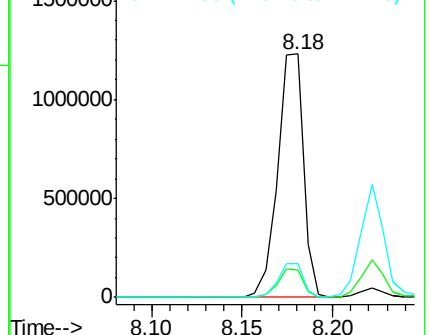
127 13.8 10.9 16.3



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: 29.117 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

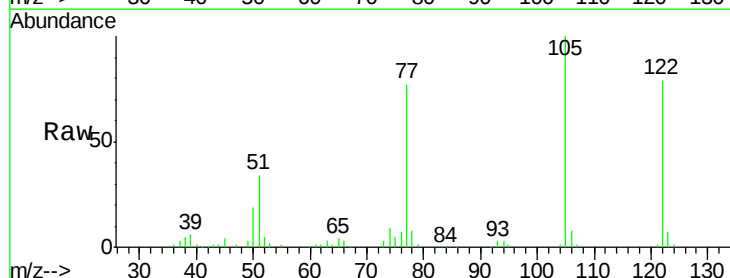
Tgt Ion:122 Resp: 209429

Ion Ratio Lower Upper

122 100

105 126.8 102.0 142.0

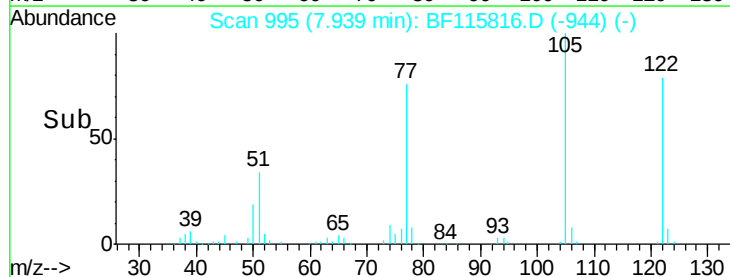
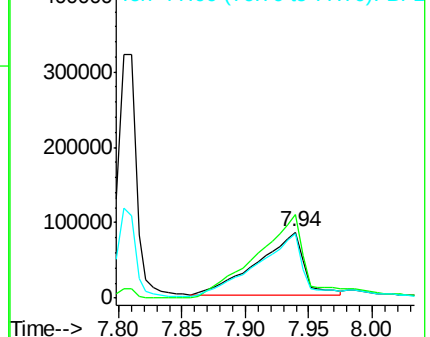
77 97.4 73.6 113.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

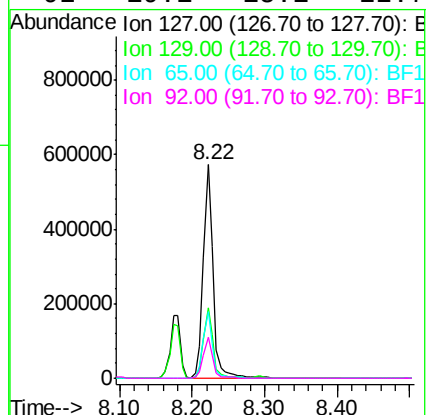
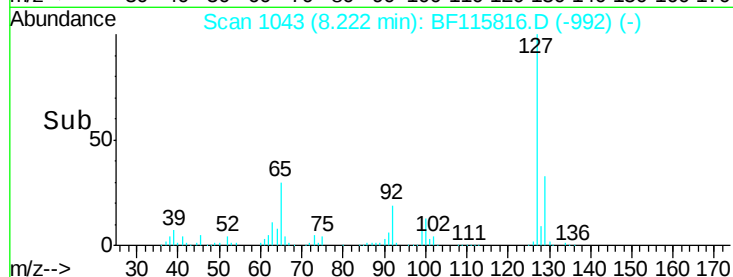
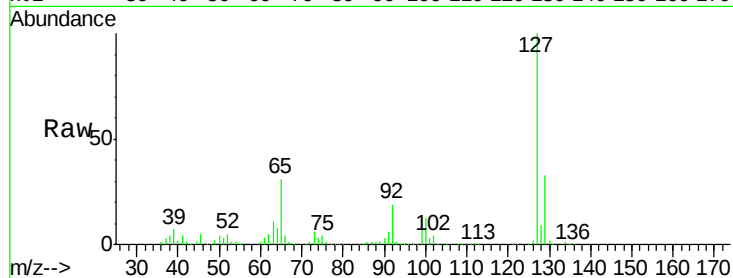




#33
4-Chloroaniline
Concen: 41.237 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

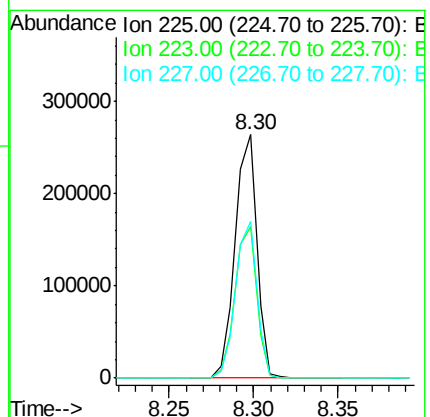
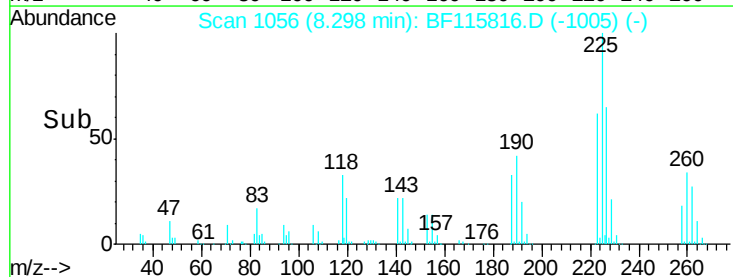
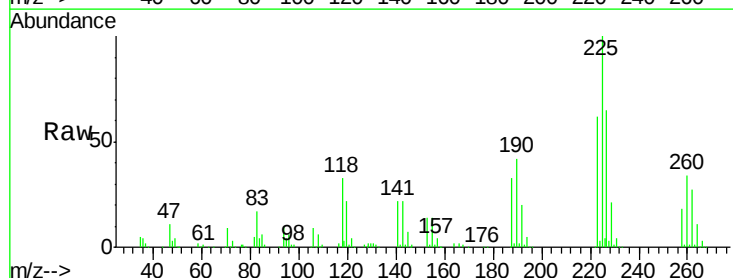
Instrument :
BNA_F
ClientSampleId :

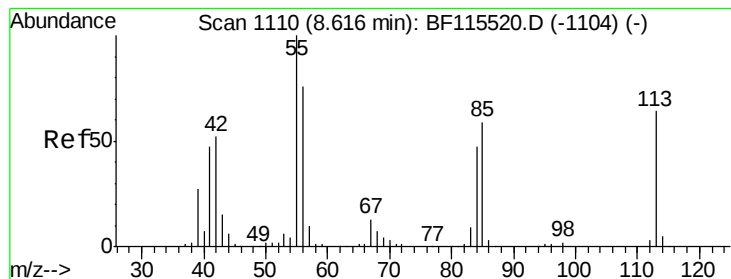
Tot Ion:	127	Resp:	542723
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	31.0	23.8	35.8
92	19.1	15.1	22.7



#34
Hexachlorobutadiene
Concen: 39.887 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion:	225	Resp:	235671
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.0	76.6
227	64.6	52.8	79.2





#35

Caprolactam

Concen: 42.655 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

ClientSampleId :

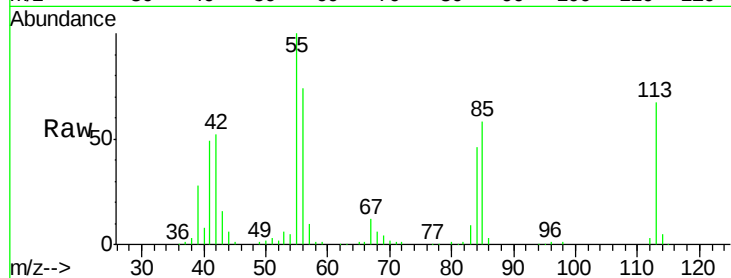
Tot Ion:113 Resp: 120143

Ion Ratio Lower Upper

113 100

55 150.2 130.5 170.5

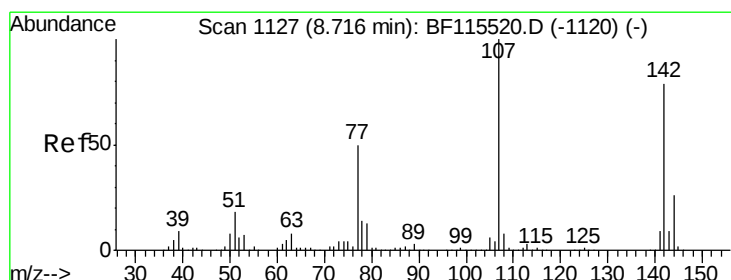
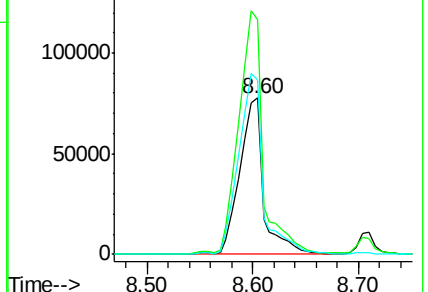
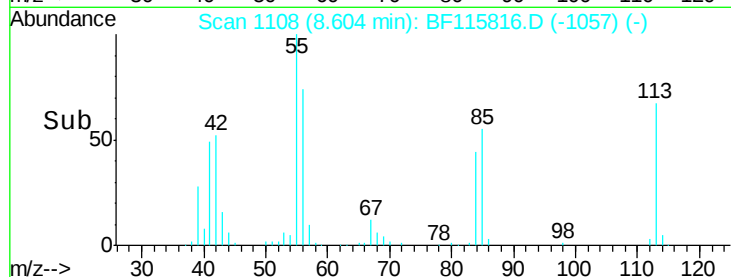
56 111.8 93.1 133.1



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: 42.198 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

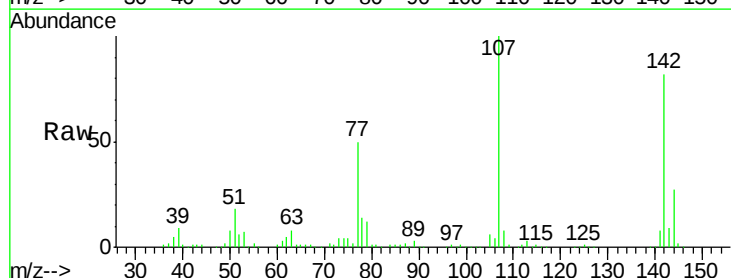
Tgt Ion:107 Resp: 398981

Ion Ratio Lower Upper

107 100

144 26.7 20.1 30.1

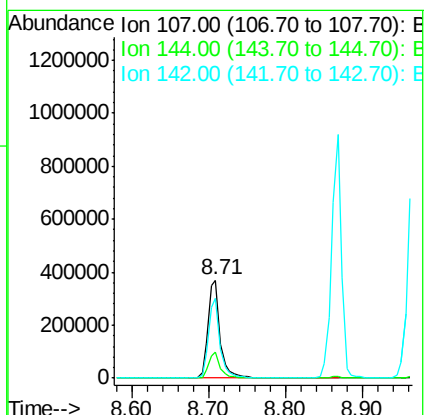
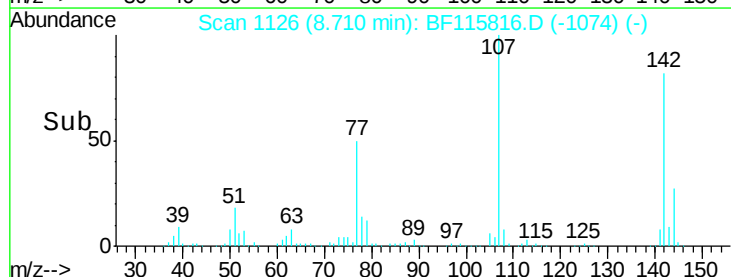
142 81.8 62.3 93.5

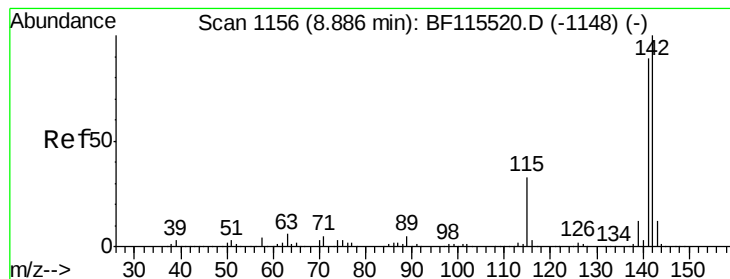


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

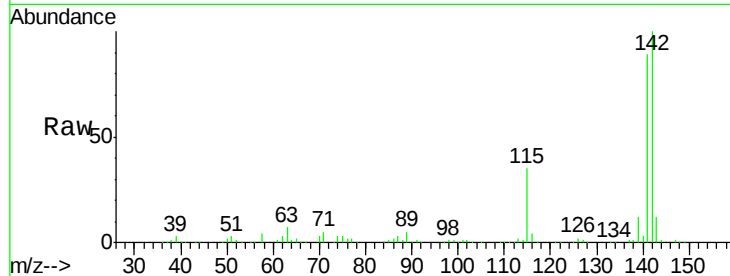




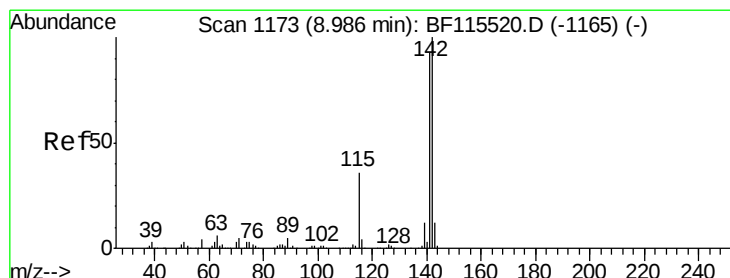
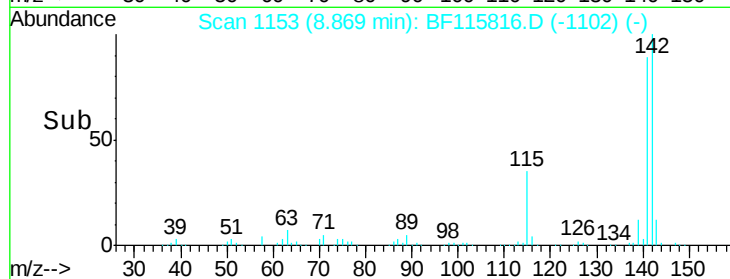
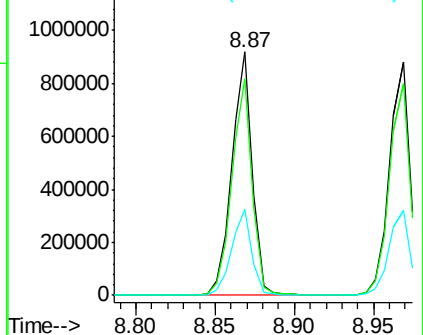
#37
2-Methylnaphthalene
Concen: 41.545 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.4
115	35.2	27.7	41.5

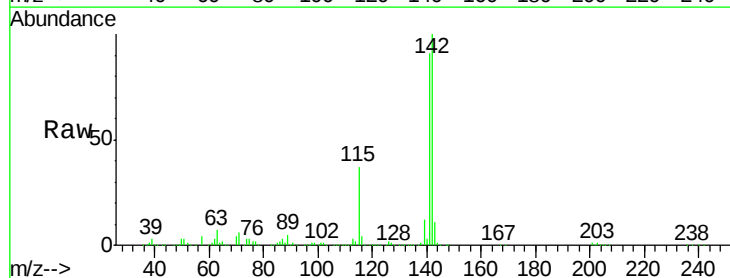


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

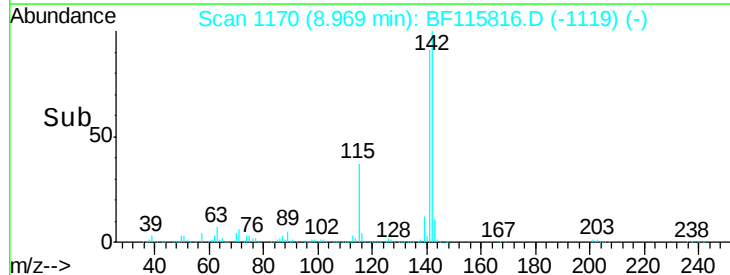
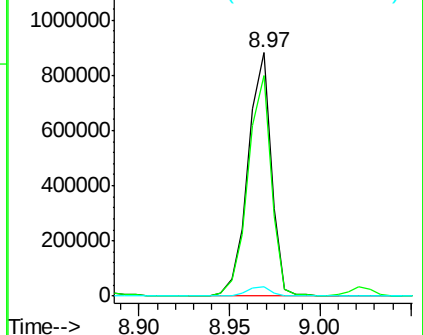


#38
1-Methylnaphthalene
Concen: 41.979 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.9	110.9
116	3.9	3.0	4.6



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

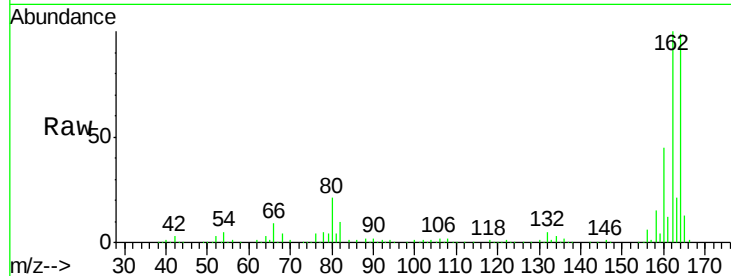




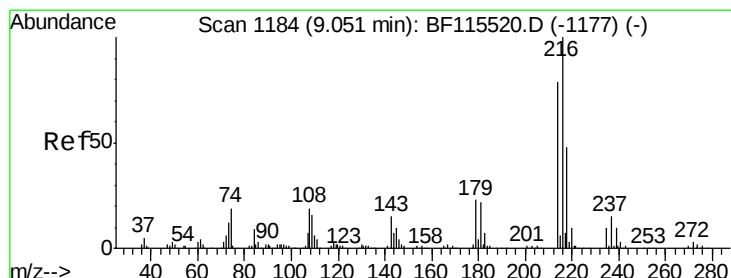
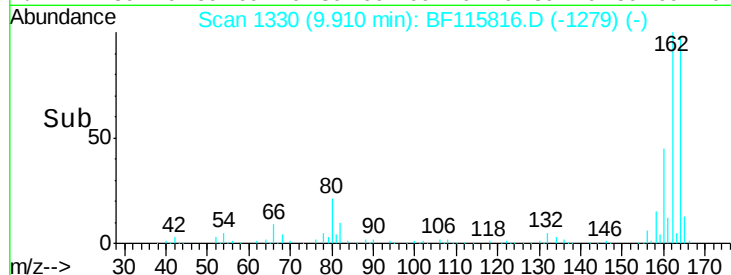
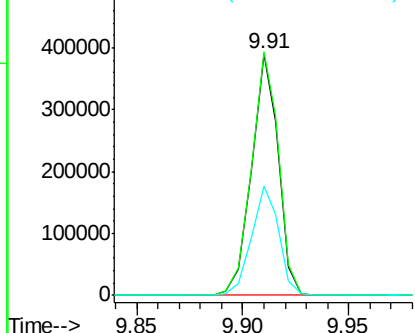
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 343246
Ion Ratio Lower Upper
164 100
162 100.8 81.8 122.6
160 45.3 37.5 56.3

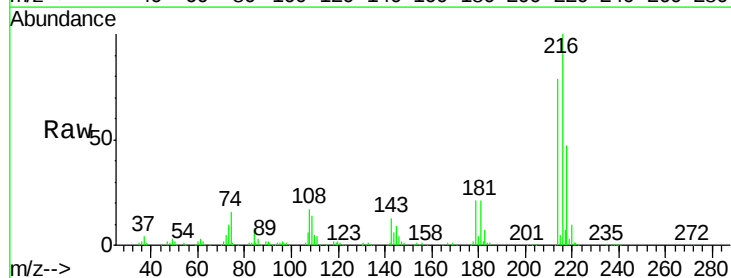


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

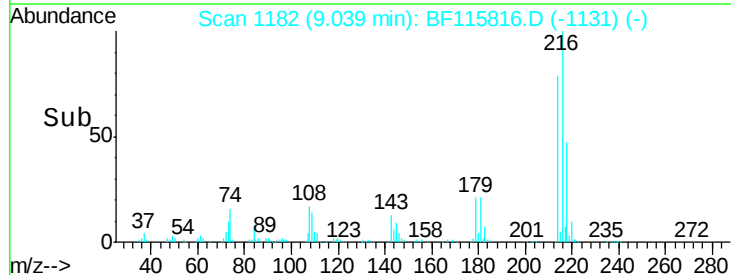
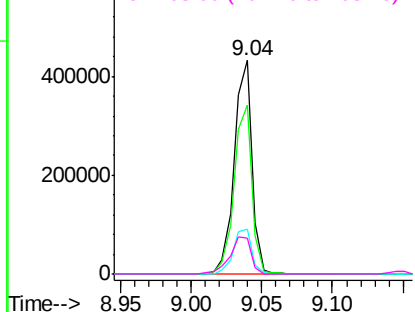


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.617 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion:216 Resp: 378490
Ion Ratio Lower Upper
216 100
214 79.5 63.0 94.6
179 22.0 17.4 26.2
108 21.0 16.6 25.0



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: 36.863 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

ClientSampleId :

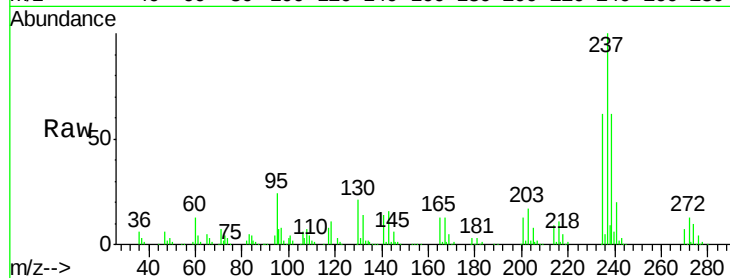
Tot Ion:237 Resp: 217352

Ion Ratio Lower Upper

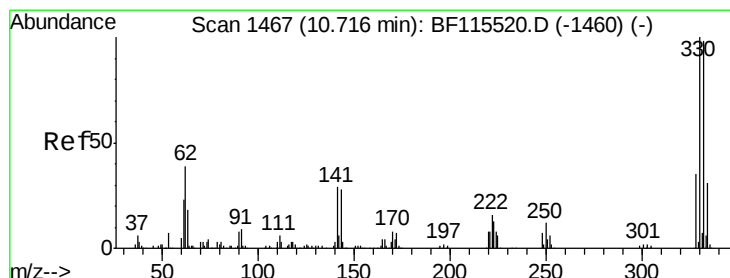
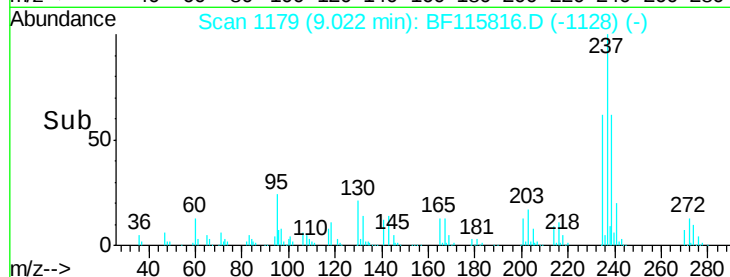
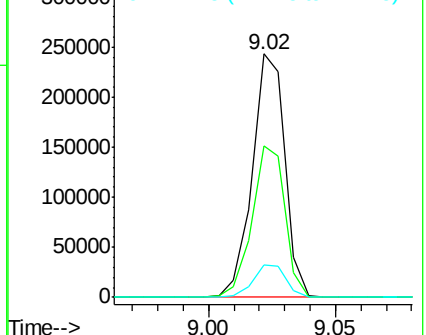
237 100

235 62.1 44.3 84.3

272 13.2 0.0 33.0



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: 73.720 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

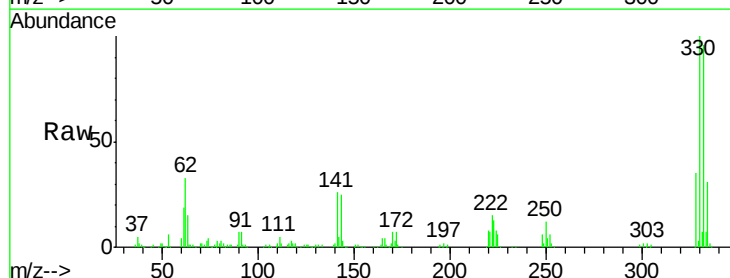
Tgt Ion:330 Resp: 295361

Ion Ratio Lower Upper

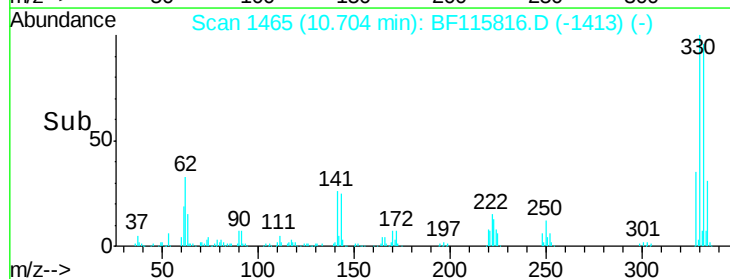
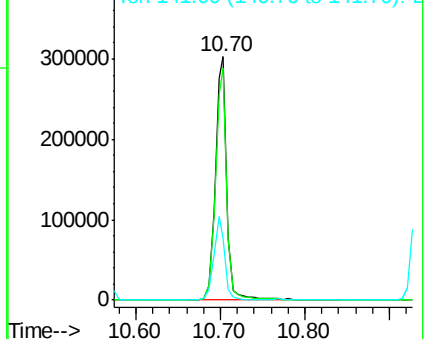
330 100

332 94.2 76.1 114.1

141 33.2 25.9 38.9



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

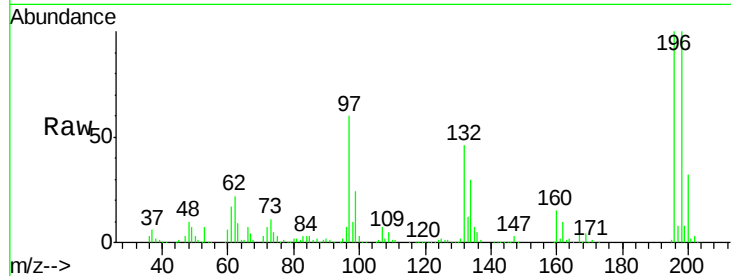




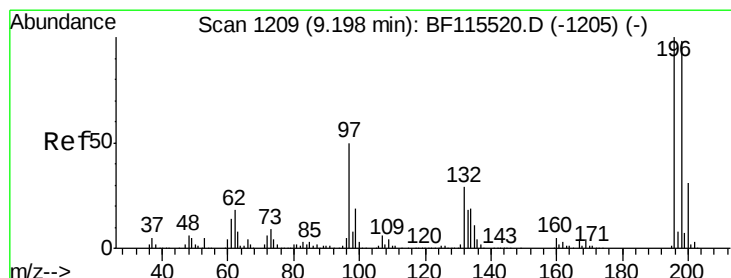
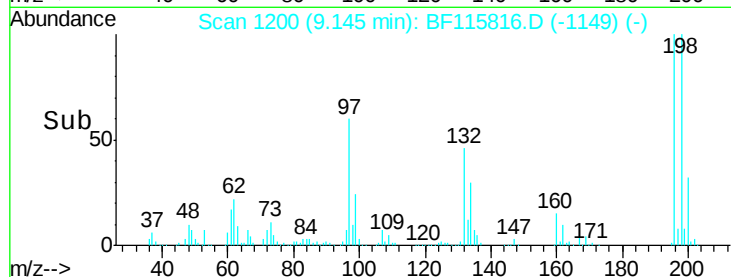
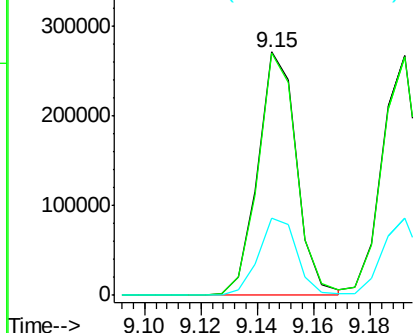
#43
 2,4,6-Trichlorophenol
 Concen: 34.065 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 257491
 Ion Ratio Lower Upper
 196 100
 198 99.7 79.8 119.6
 200 31.6 25.4 38.0



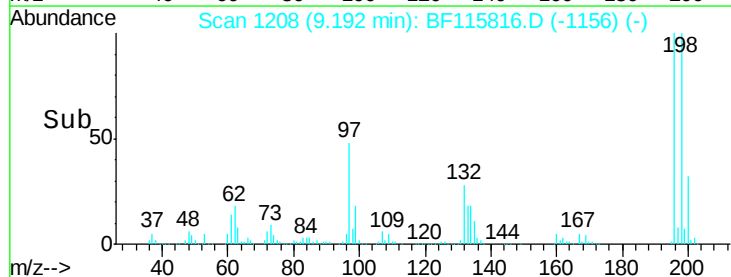
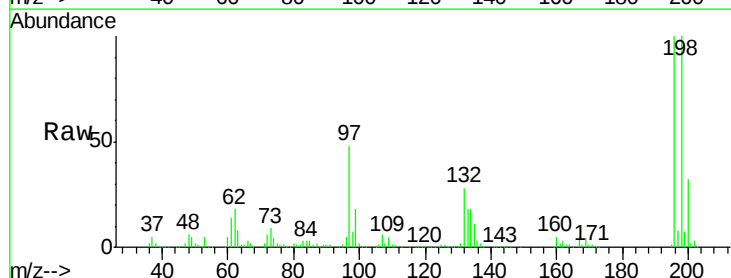
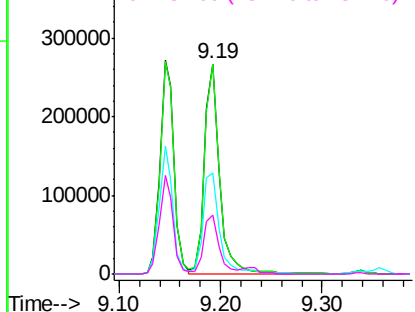
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

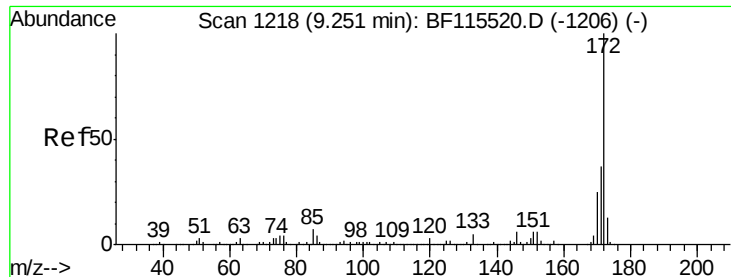


#44
 2,4,5-Trichlorophenol
 Concen: 35.670 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Tgt Ion:196 Resp: 276122
 Ion Ratio Lower Upper
 196 100
 198 99.7 78.2 117.2
 97 48.0 41.9 62.9
 132 28.0 24.1 36.1

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

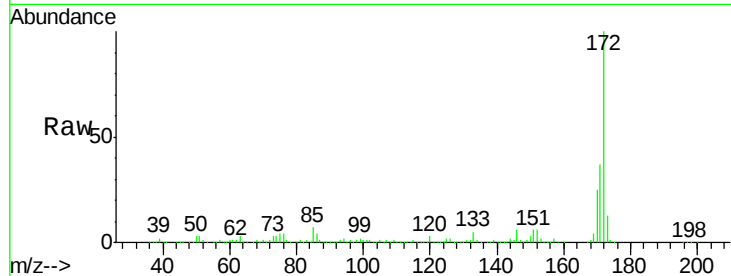




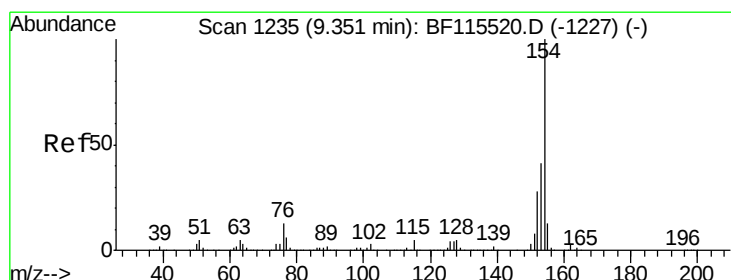
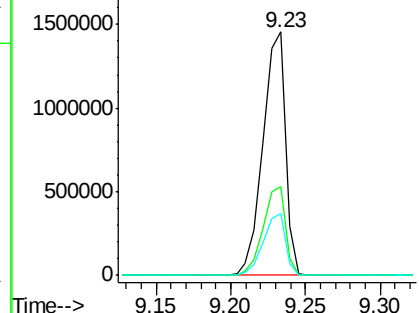
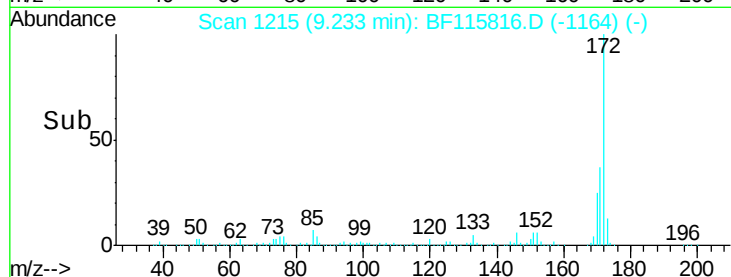
#45
 2-Fluorobiphenyl
 Concen: 76.962 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1509291
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.4
 170 25.2 20.1 30.1

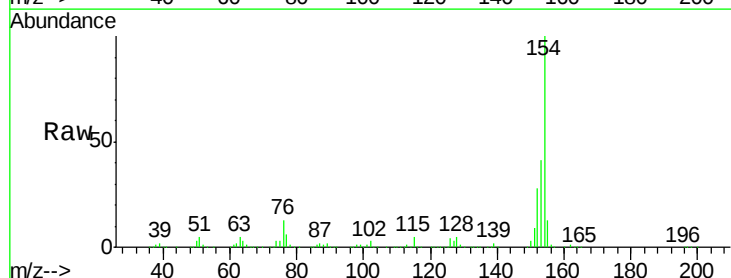


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

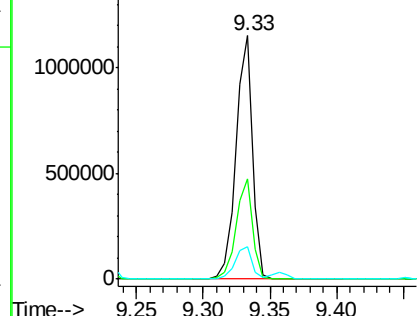
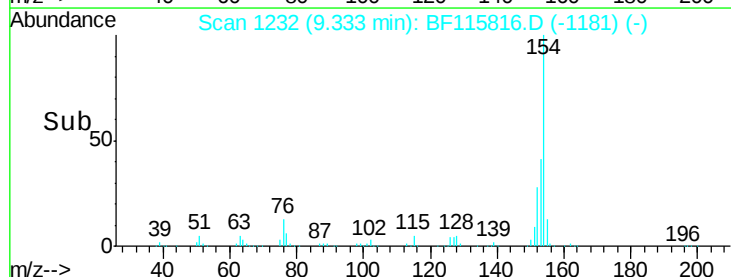


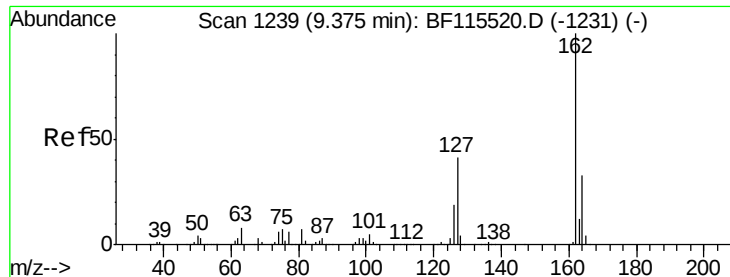
#46
 1,1'-Biphenyl
 Concen: 37.541 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Tgt Ion:154 Resp: 1007395
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.4 61.4
 76 13.1 0.0 33.2



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

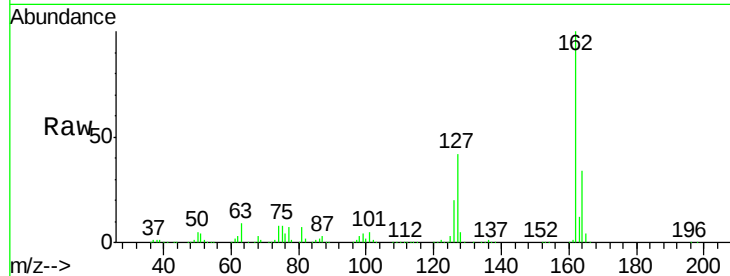




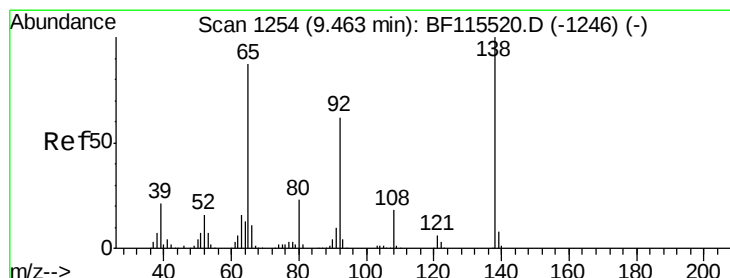
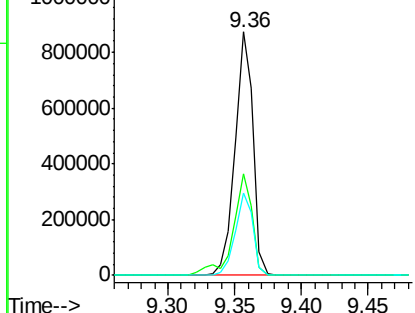
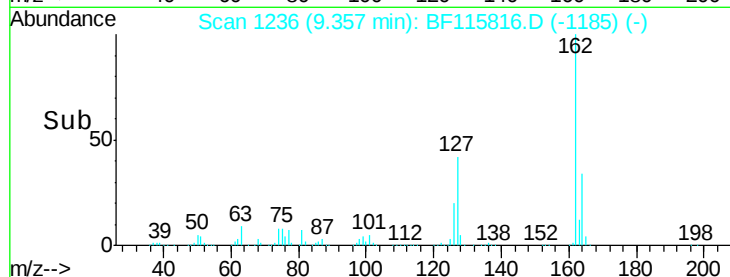
#47
 2-Chloronaphthalene
 Concen: 36.904 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	32.1	48.1
164	33.7	26.2	39.4

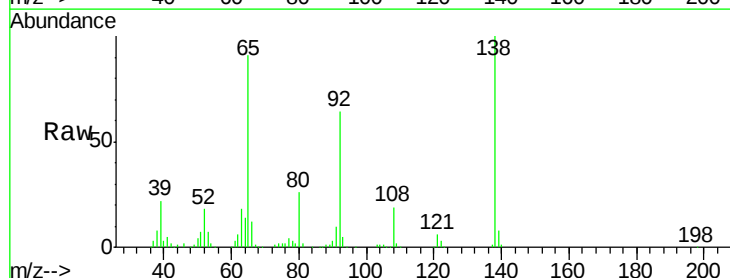


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

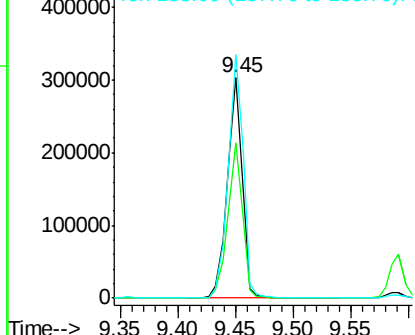
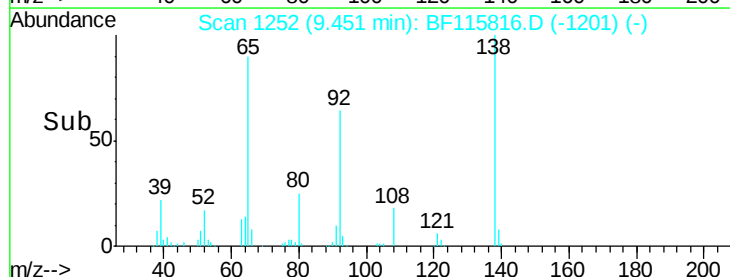


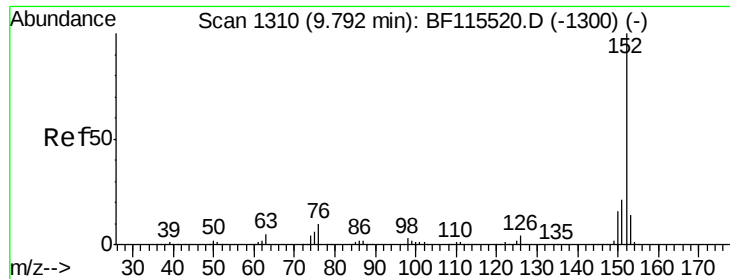
#48
 2-Nitroaniline
 Concen: 39.390 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.3	56.9	85.3
138	110.4	91.4	137.2



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





#49

Acenaphthylene

Concen: 37.646 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

ClientSampleId :

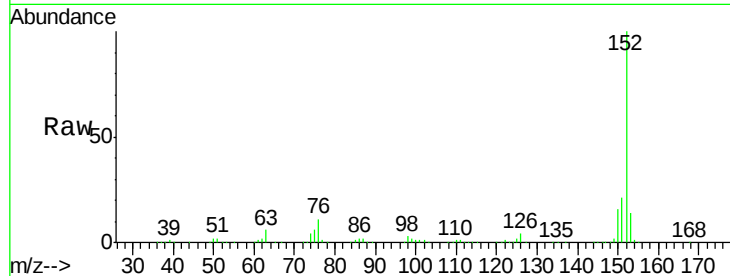
Tot Ion:152 Resp: 1246403

Ion Ratio Lower Upper

152 100

151 21.4 16.9 25.3

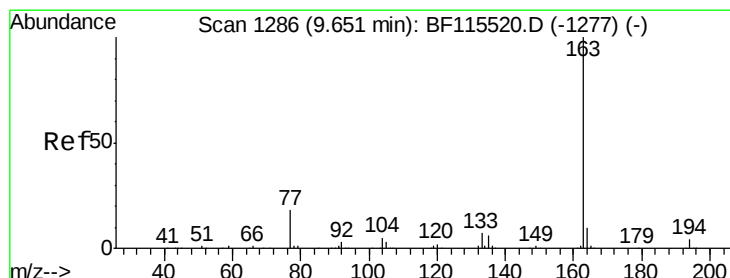
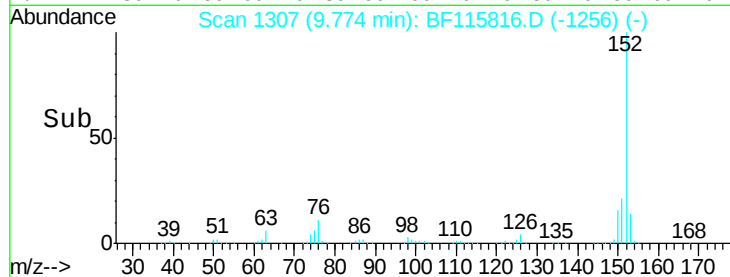
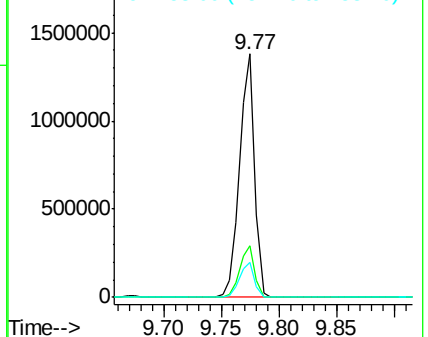
153 14.3 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.631 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

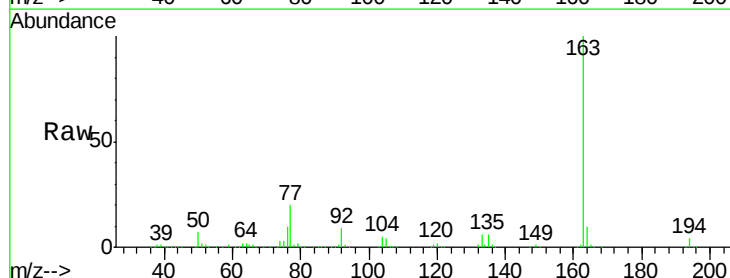
Tgt Ion:163 Resp: 997636

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

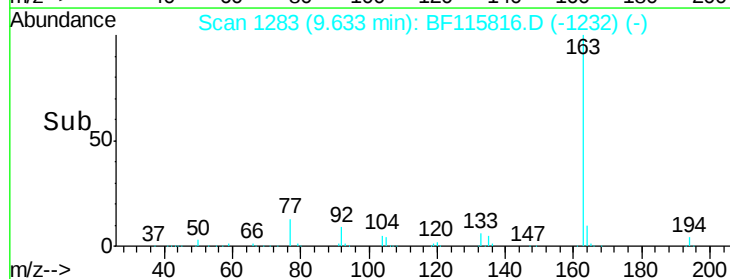
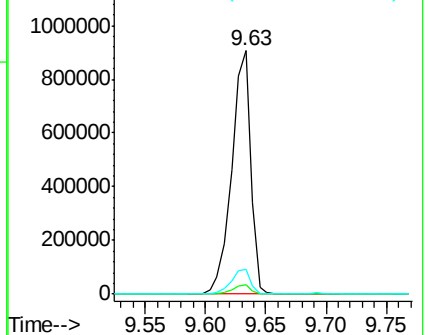
164 10.3 8.3 12.5

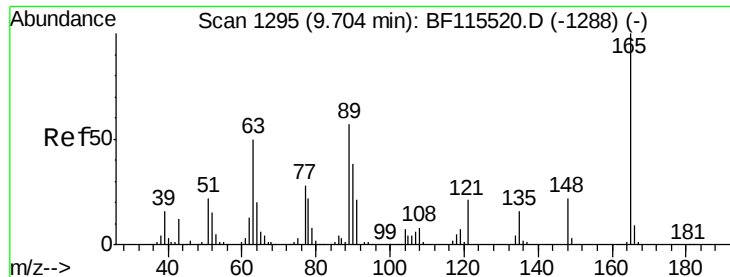


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

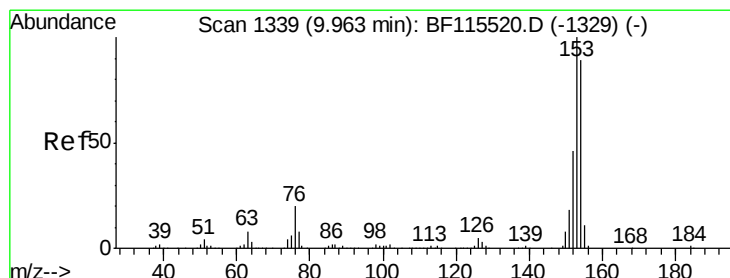
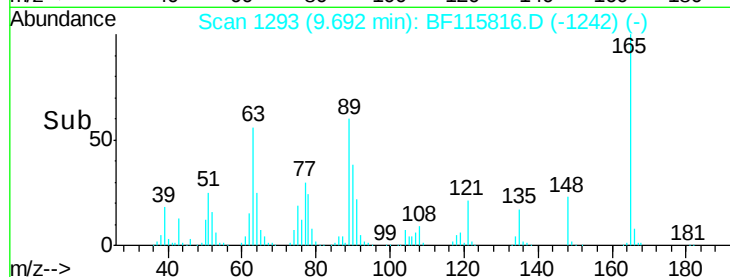
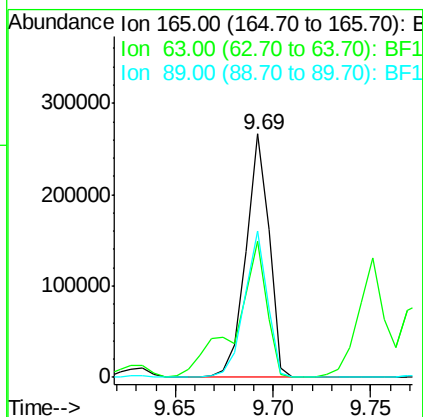
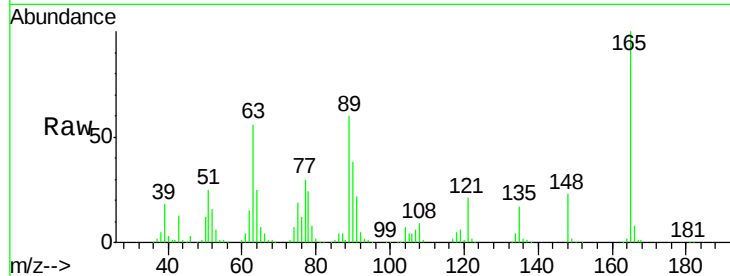




#51
2,6-Dinitrotoluene
Concen: 37.484 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

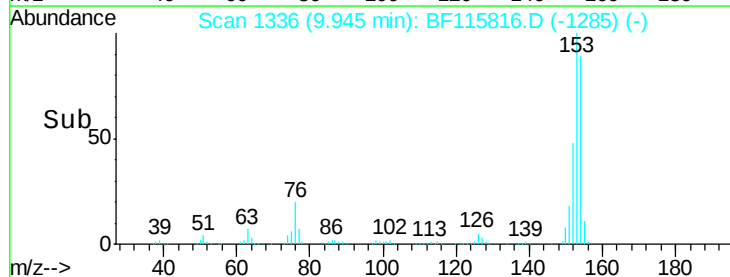
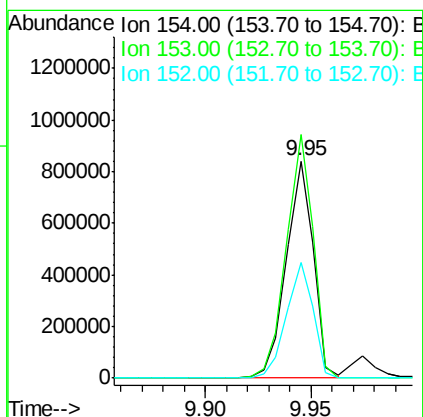
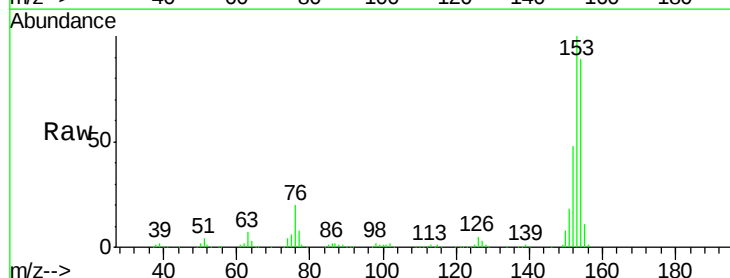
Instrument :
BNA_F
ClientSampled :

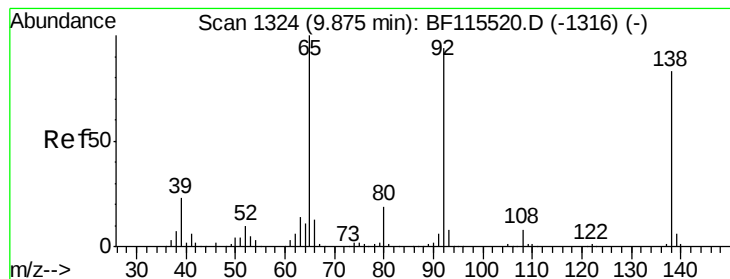
Tot Ion	Ratio	Lower	Upper
165	100		
63	55.9	43.5	65.3
89	60.0	46.3	69.5



#52
Acenaphthene
Concen: 35.226 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	88.1	132.1
152	53.3	42.0	63.0





#53

3-Nitroaniline

Concen: 37.889 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

ClientSampleId :

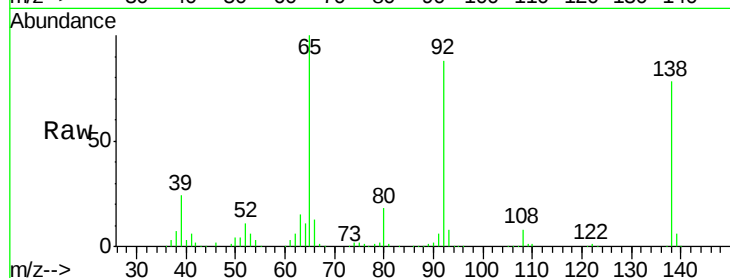
Tot Ion:138 Resp: 254112

Ion Ratio Lower Upper

138 100

108 9.8 7.9 11.9

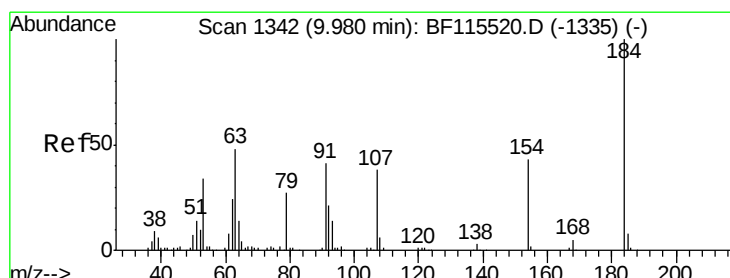
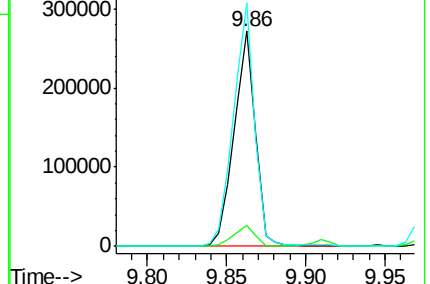
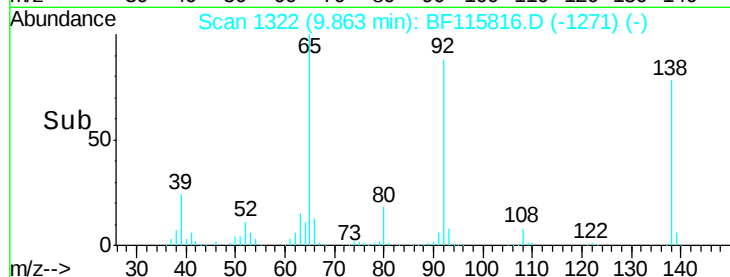
92 113.2 87.2 130.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 40.236 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

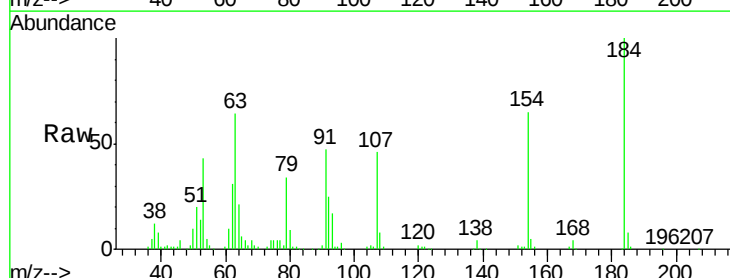
Tgt Ion:184 Resp: 121237

Ion Ratio Lower Upper

184 100

63 64.4 55.2 82.8

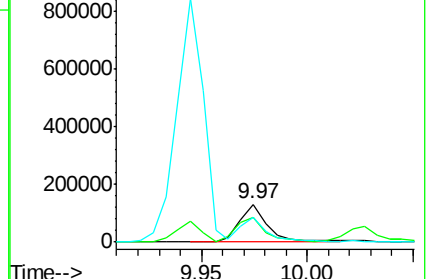
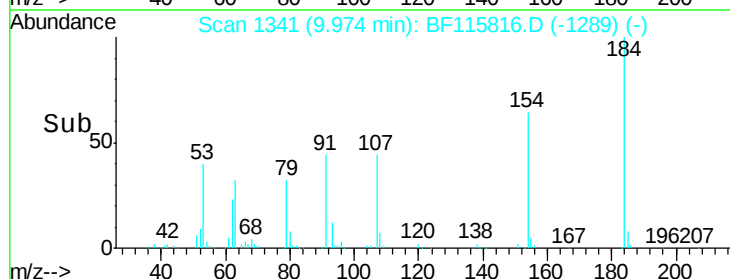
154 64.7 51.4 77.0

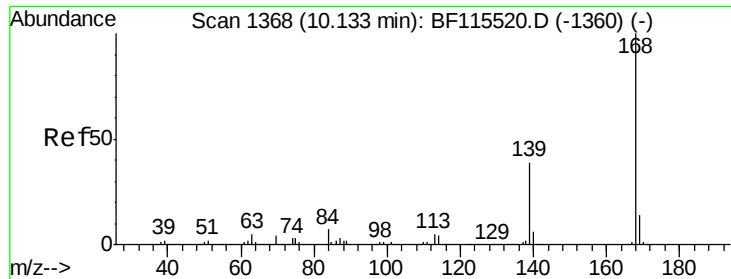


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

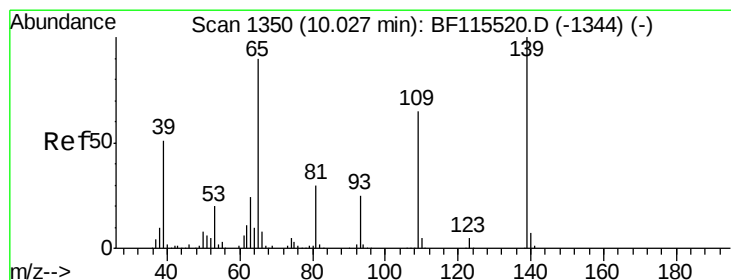
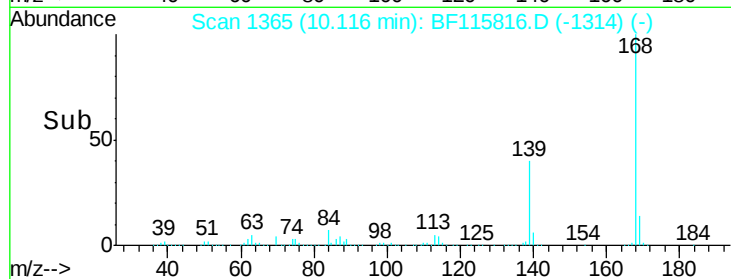
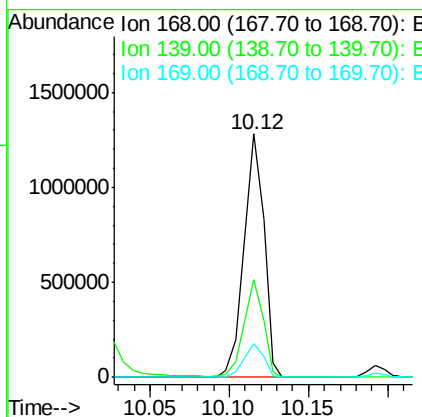
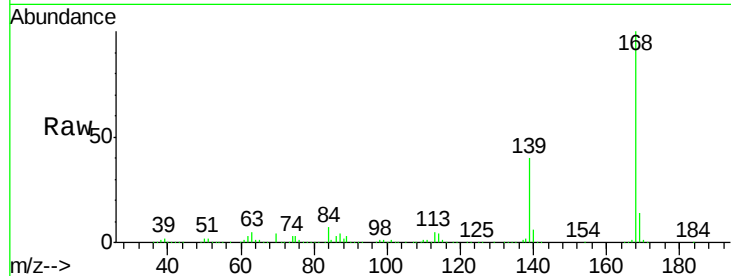




#55
Dibenzenofuran
Concen: 36.995 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

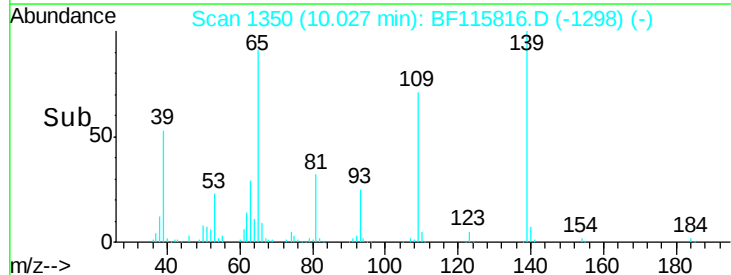
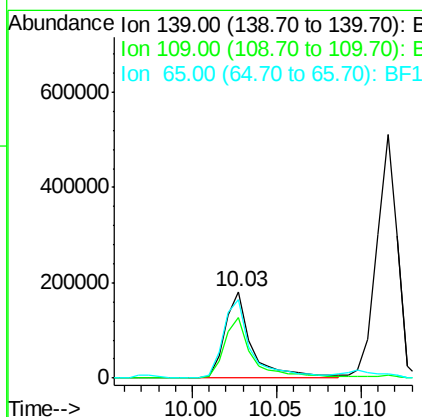
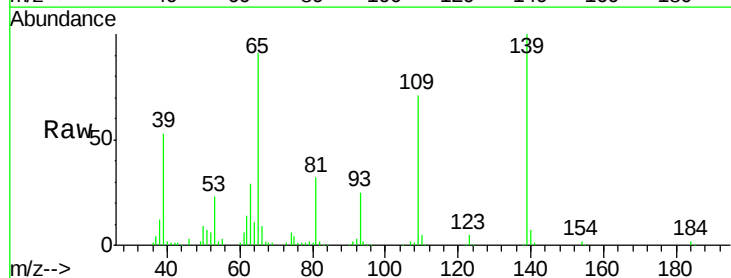
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1122996
Ion Ratio Lower Upper
168 100
139 39.9 31.4 47.2
169 14.0 11.3 16.9



#56
4-Nitrophenol
Concen: 39.412 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion:139 Resp: 201562
Ion Ratio Lower Upper
139 100
109 70.8 51.2 91.2
65 91.0 76.0 116.0





#57

2,4-Dinitrotoluene

Concen: 38.921 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BF115816.D

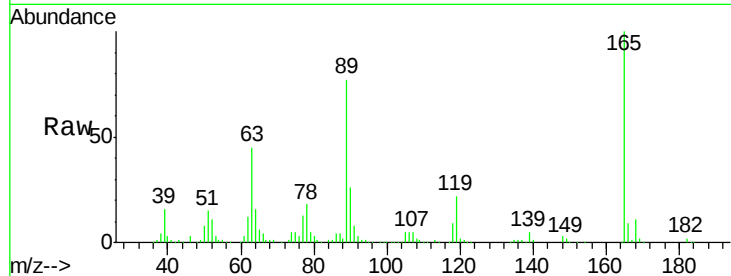
Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

ClientSampled :

Tot Ion:165	Resp:	295931
Ion Ratio	Lower	Upper
165	100	
63	45.0	33.4 50.2
89	77.0	57.3 85.9
182	2.5	2.1 3.1

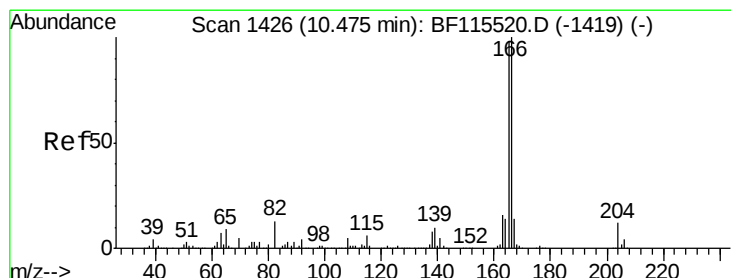
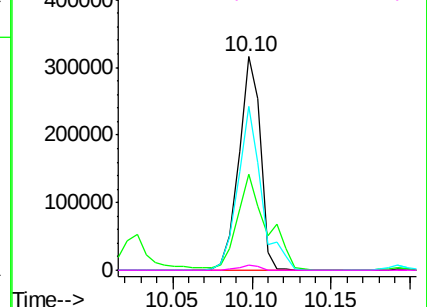
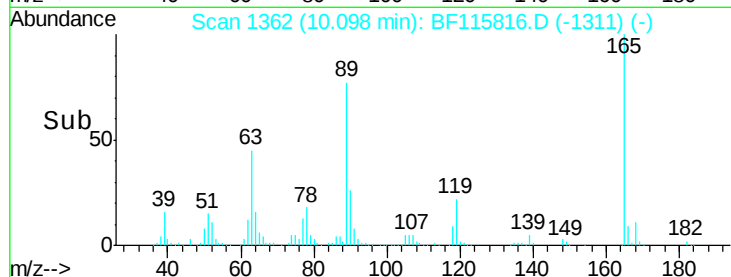


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.441 ng

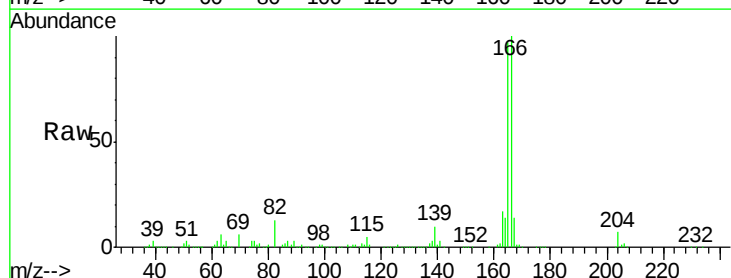
RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

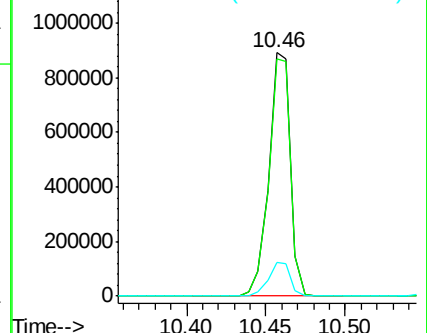
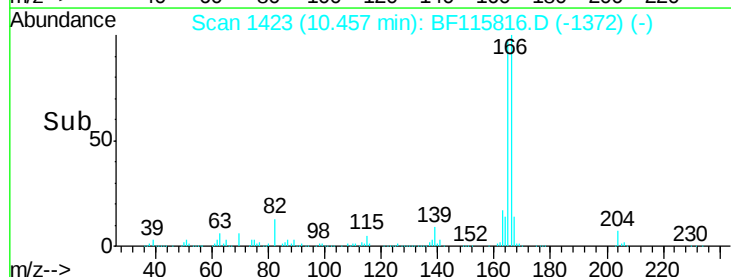
Tgt Ion:166	Resp:	855885
Ion Ratio	Lower	Upper
166	100	
165	97.2	79.0 118.4
167	13.8	11.0 16.6



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

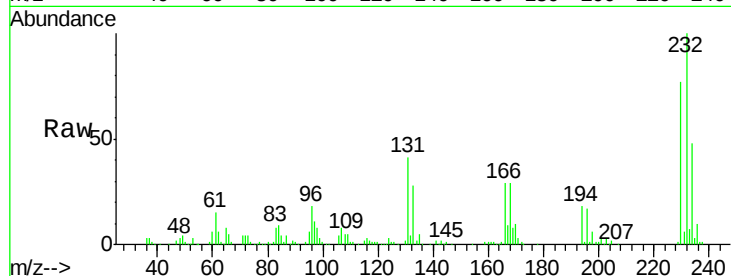




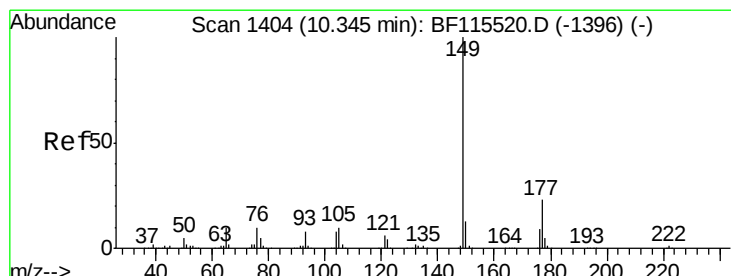
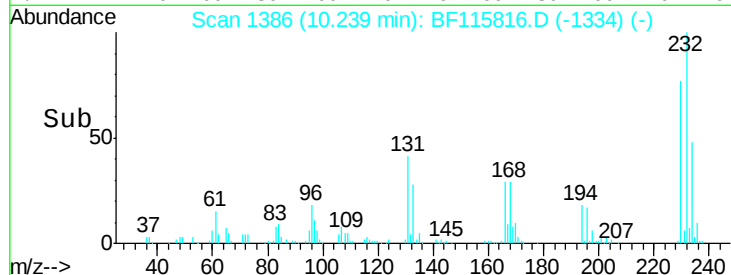
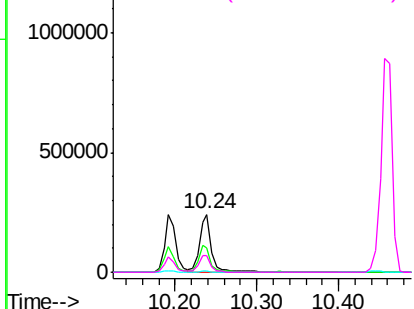
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.487 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.8	35.8	53.8
130	2.3	1.8	2.6
166	29.4	23.6	35.4

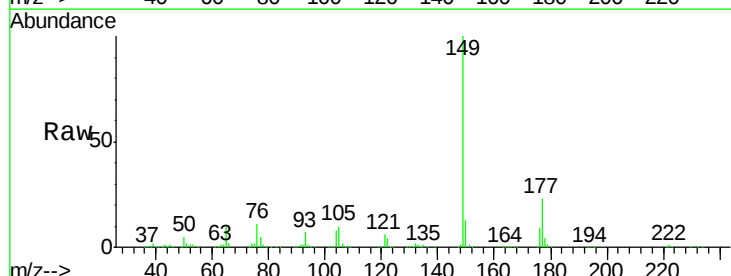


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

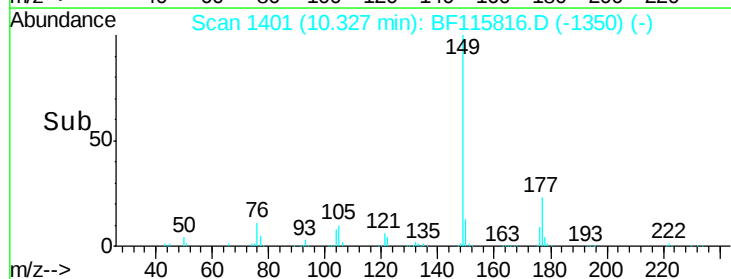
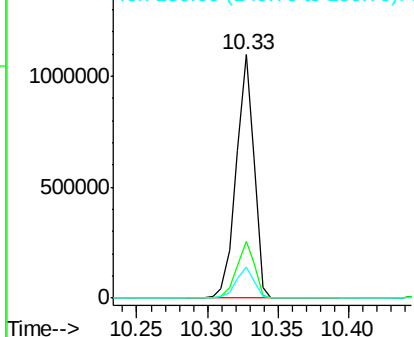


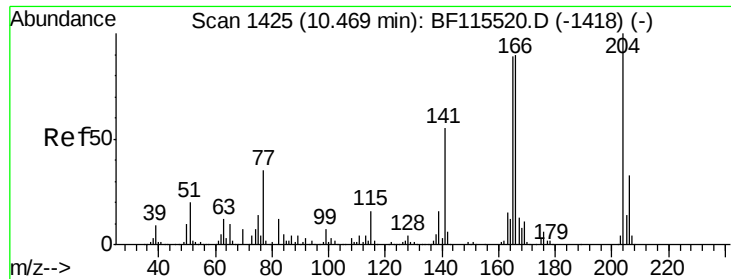
#60
Diethylphthalate
Concen: 39.640 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.0	28.4
150	12.9	10.5	15.7



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

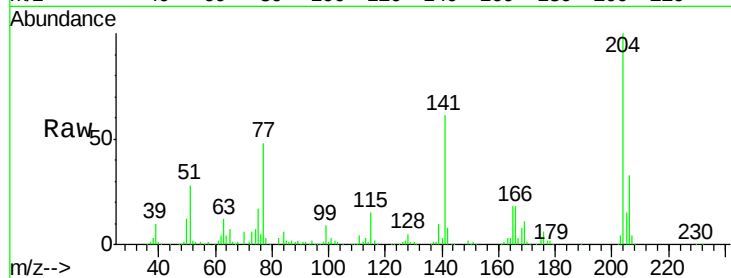




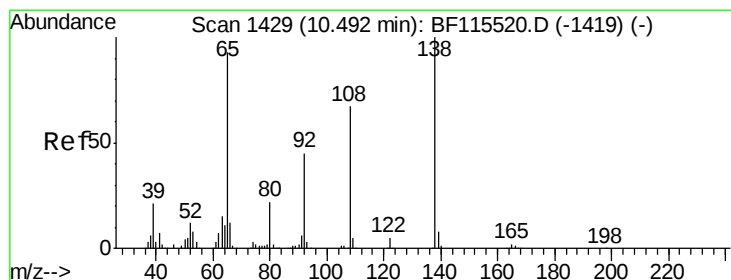
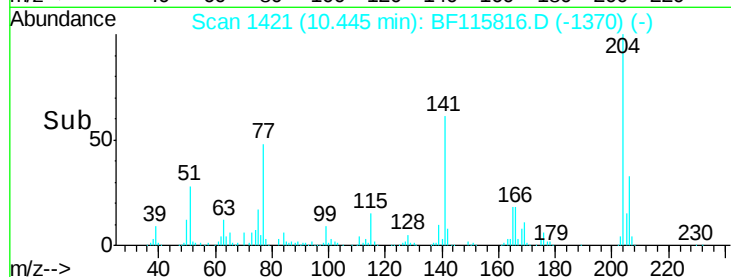
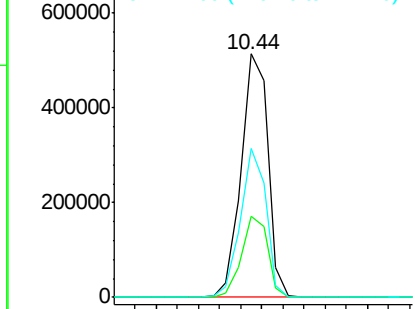
#61
4-Chlorophenyl-phenylether
Concen: 37.351 ng
RT: 10.44 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 449490
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 60.9 47.3 70.9

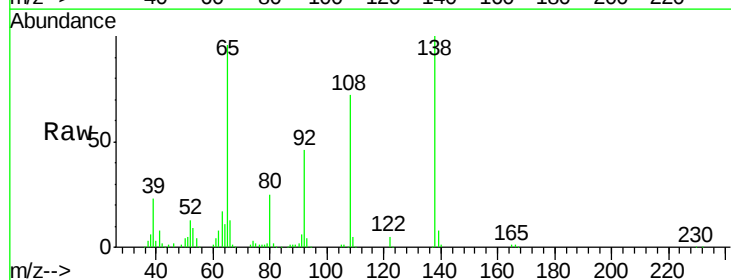


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

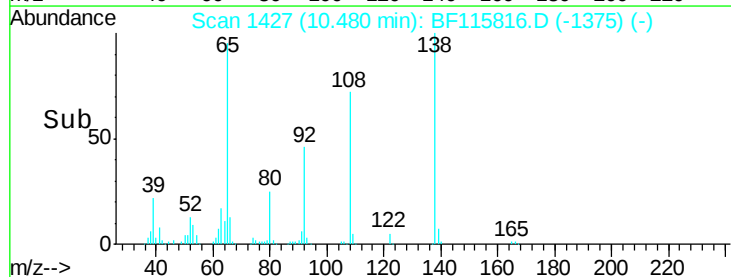
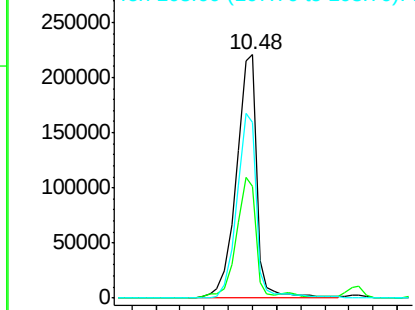


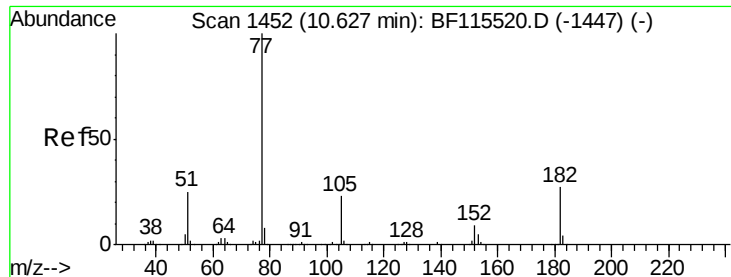
#62
4-Nitroaniline
Concen: 41.010 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion:138 Resp: 263826
Ion Ratio Lower Upper
138 100
92 46.1 30.3 70.3
108 72.4 55.0 95.0



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

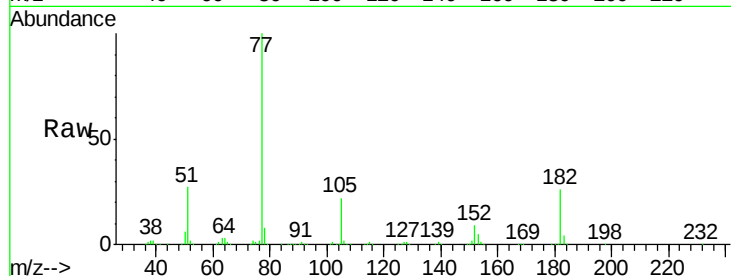




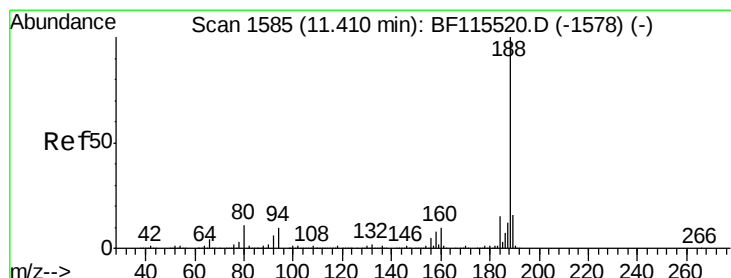
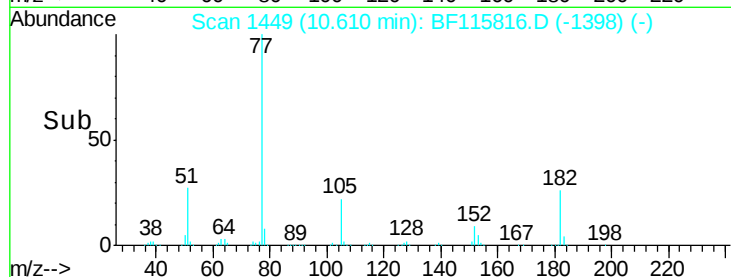
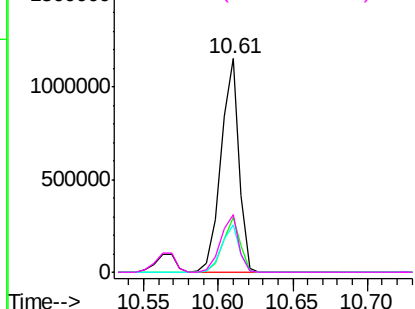
#63
Azobenzene
Concen: 41.653 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	977596
Ion	Ratio	Lower	Upper
77	100		
182	25.9	6.9	46.9
105	22.5	3.1	43.1
51	26.8	6.7	46.7

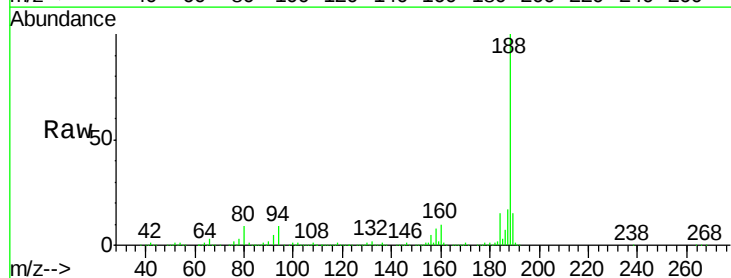


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

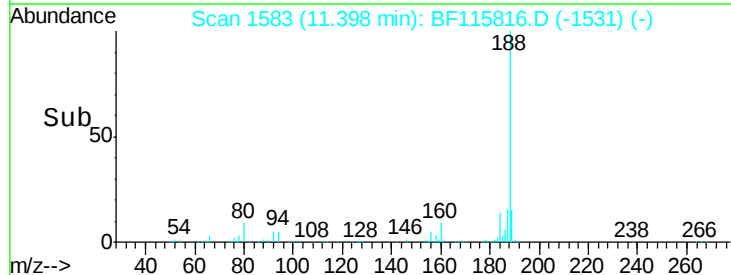
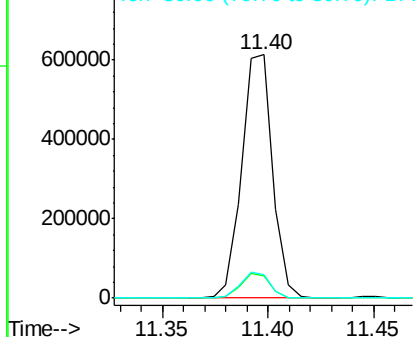


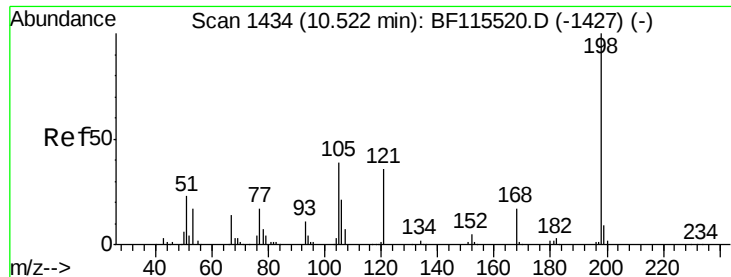
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion:	188	Resp:	621391
Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.2
80	9.5	9.0	13.6



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 35.273 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

ClientSampleId :

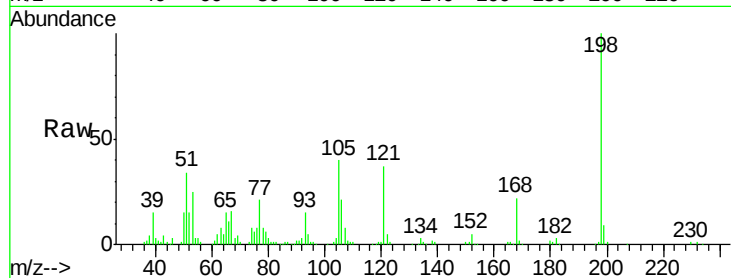
Tot Ion:198 Resp: 133915

Ion	Ratio	Lower	Upper
198	100		
51	34.3	20.3	60.3
105	39.9	24.7	64.7

198 100

51 34.3 20.3 60.3

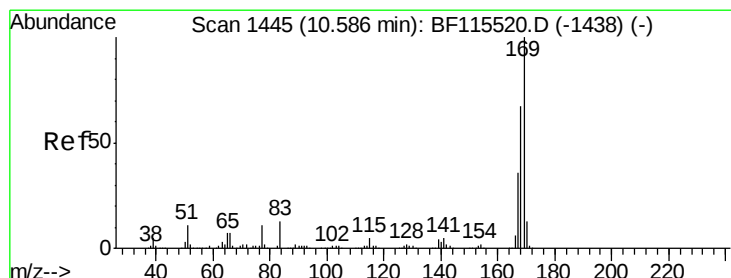
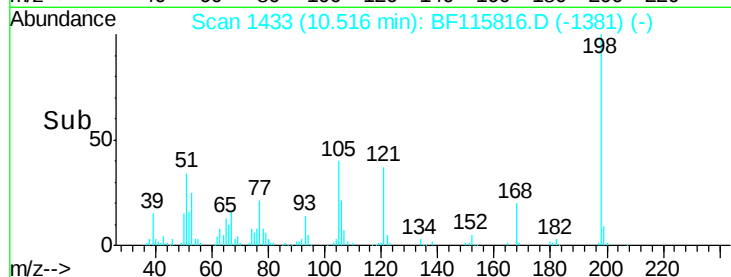
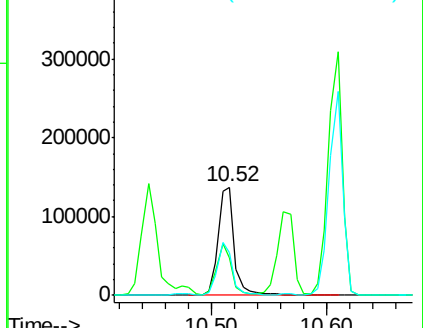
105 39.9 24.7 64.7



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: 40.581 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

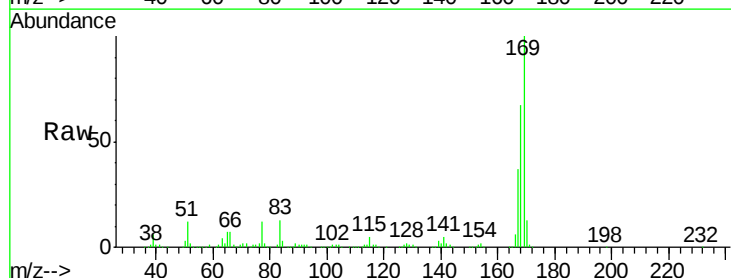
Tgt Ion:169 Resp: 784410

Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.4	80.0
167	36.8	29.1	43.7

169 100

168 67.0 53.4 80.0

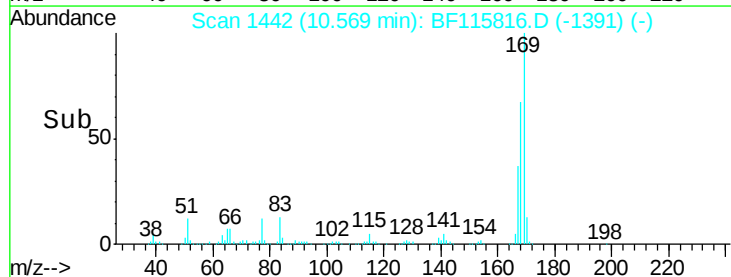
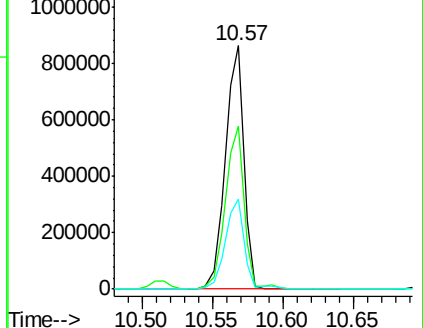
167 36.8 29.1 43.7



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

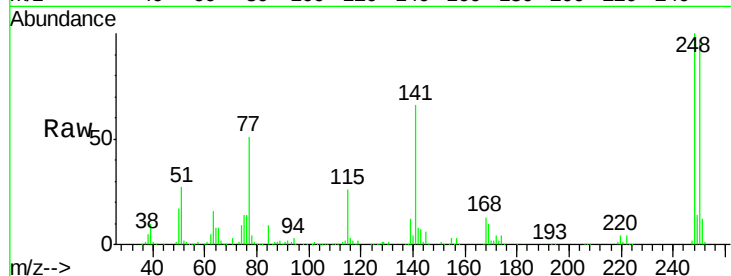




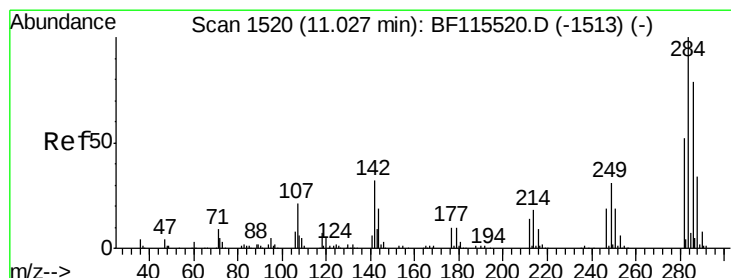
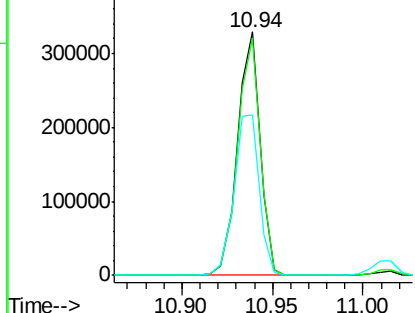
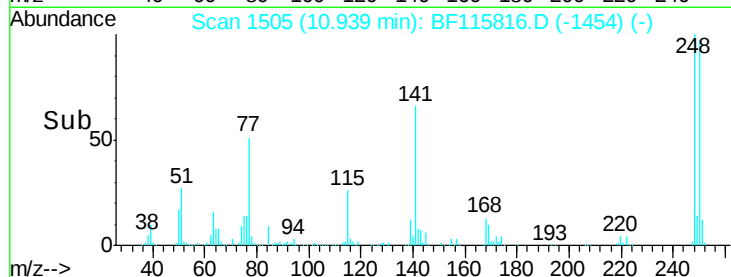
#67
4-Bromophenyl-phenylether
Concen: 40.216 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 285574
Ion Ratio Lower Upper
248 100
250 97.4 77.0 115.4
141 66.0 52.1 78.1

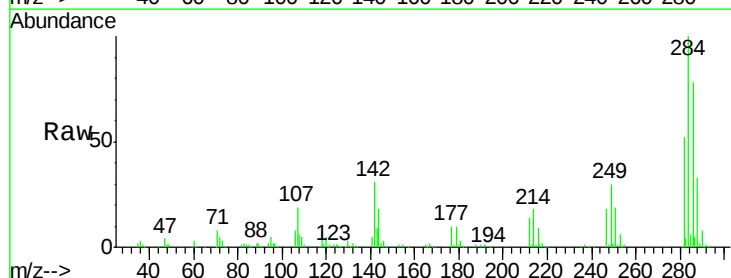


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

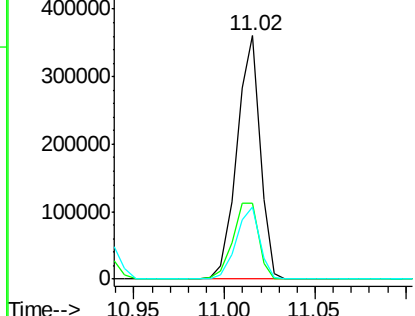
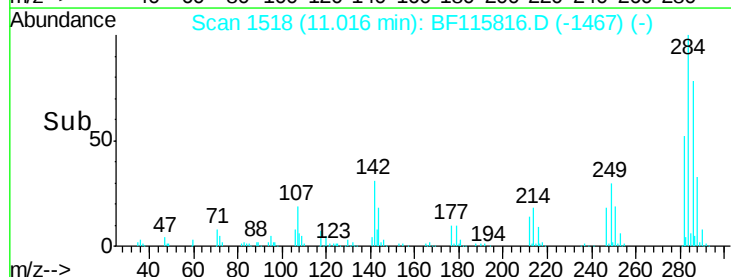


#68
Hexachlorobenzene
Concen: 39.581 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion:284 Resp: 320978
Ion Ratio Lower Upper
284 100
142 31.2 21.8 32.8
249 29.6 23.1 34.7



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

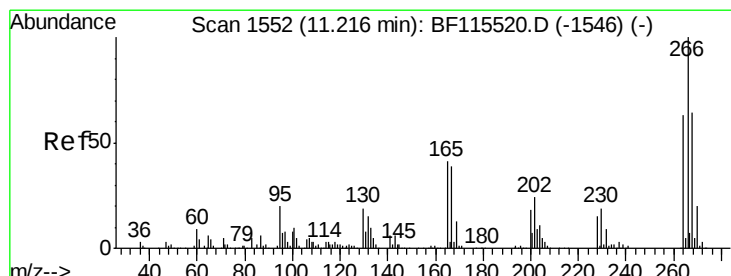
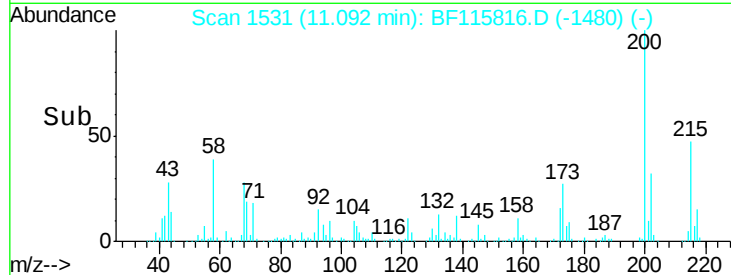
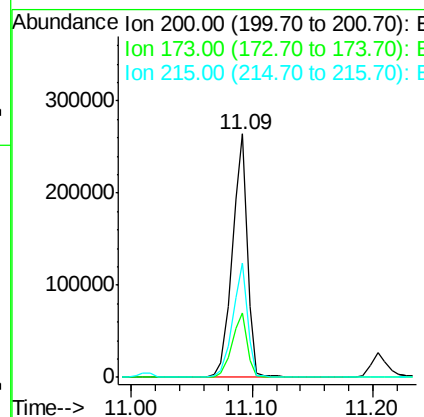
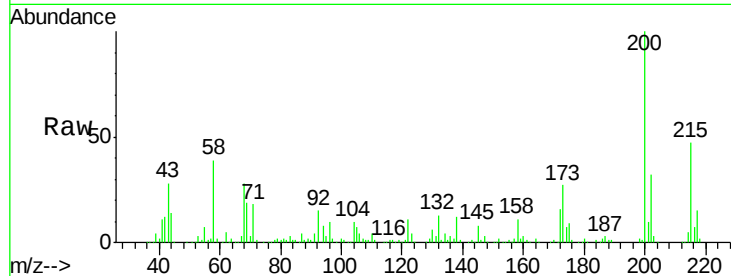




#69
 Atrazine
 Concen: 36.084 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

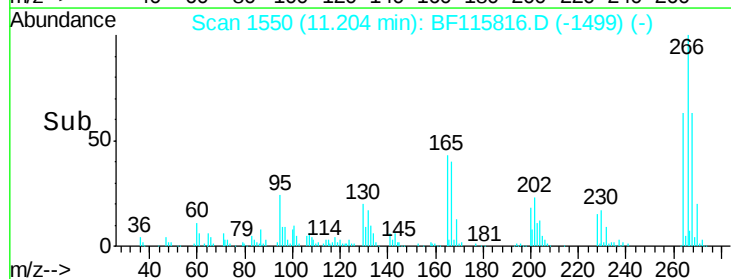
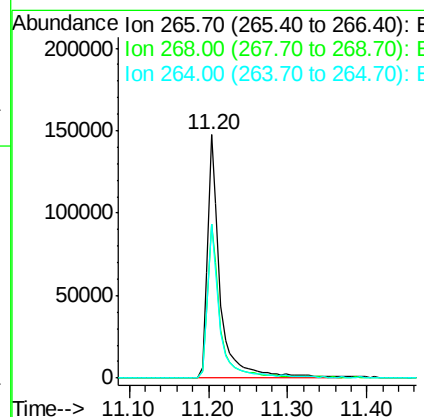
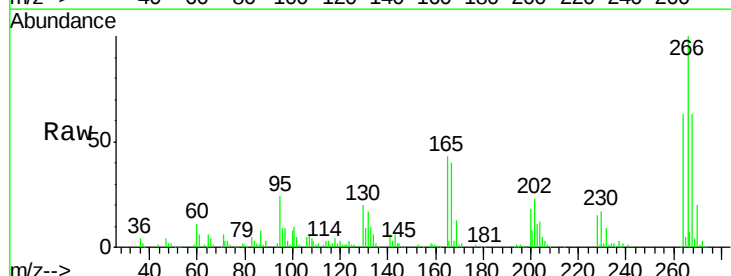
Instrument :
 BNA_F
 ClientSampleId :

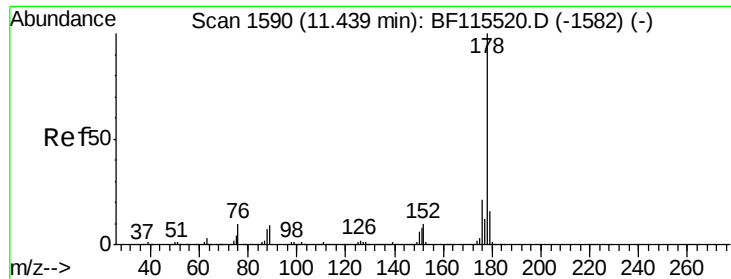
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.9	46.9
215	47.0	26.6	66.6



#70
 Pentachlorophenol
 Concen: 33.872 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.2	76.8
264	63.1	50.0	75.0

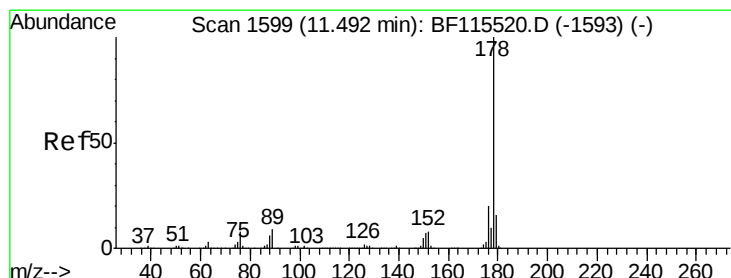
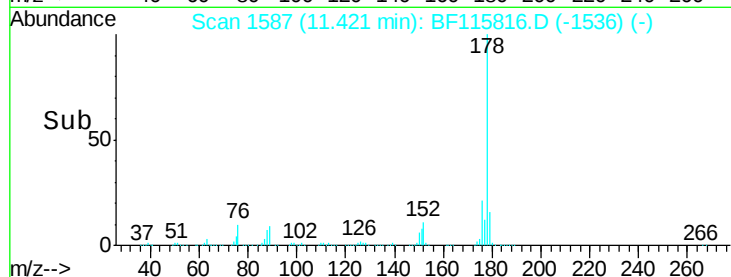
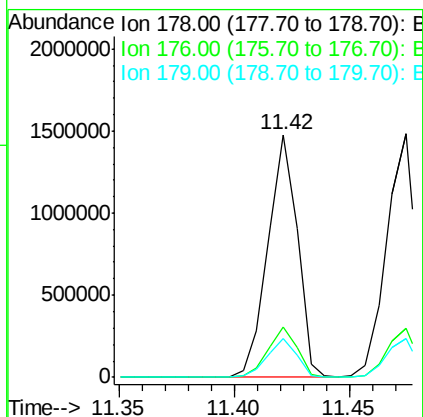
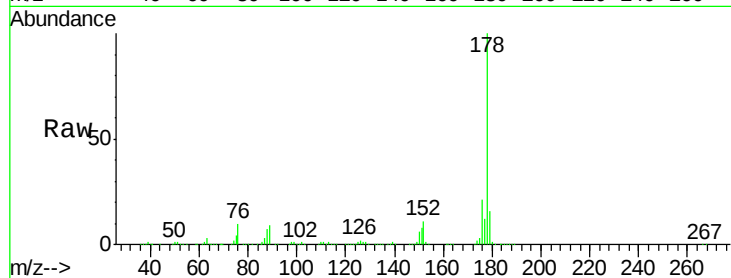




#71
Phenanthrene
Concen: 41.269 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

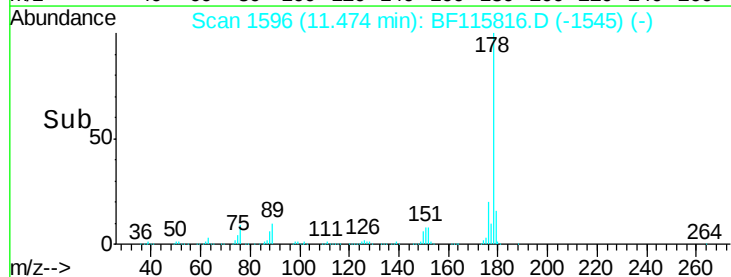
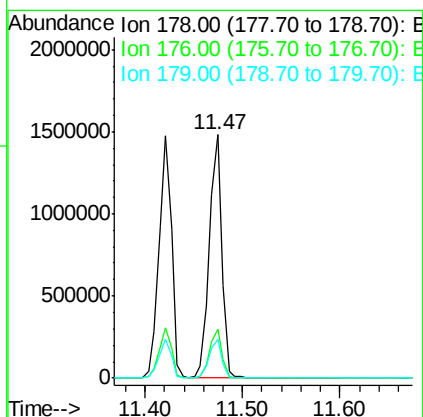
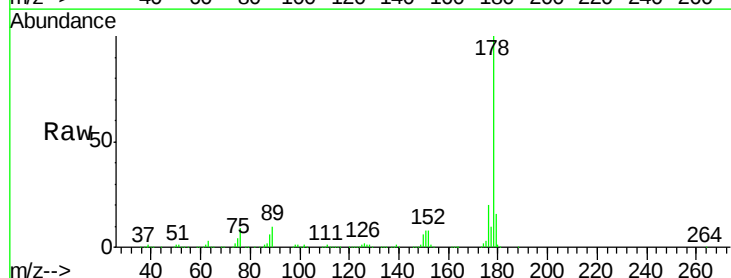
Instrument :
BNA_F
ClientSampleId :

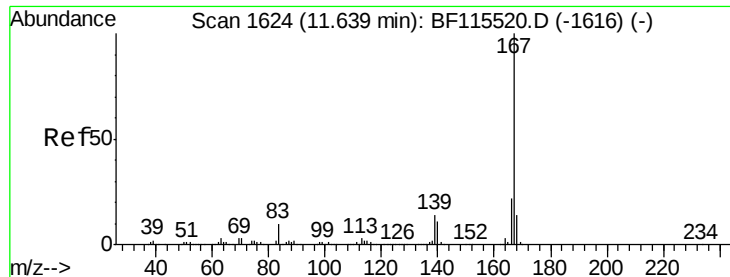
Tot Ion:178 Resp: 1314497
Ion Ratio Lower Upper
178 100
176 20.5 16.4 24.6
179 16.1 12.7 19.1



#72
Anthracene
Concen: 40.428 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion:178 Resp: 1330797
Ion Ratio Lower Upper
178 100
176 20.0 16.1 24.1
179 15.9 12.6 18.8

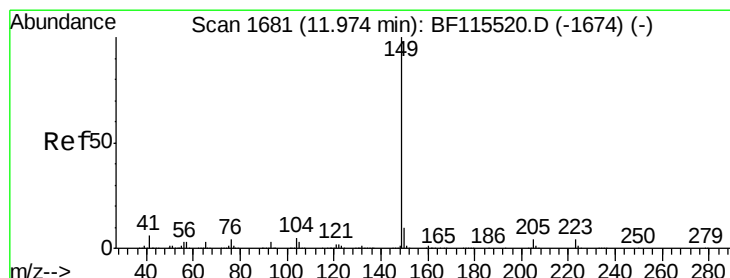
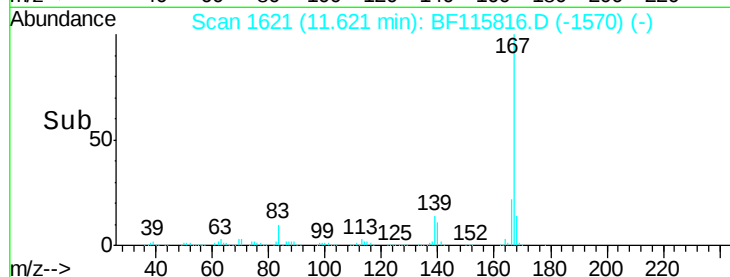
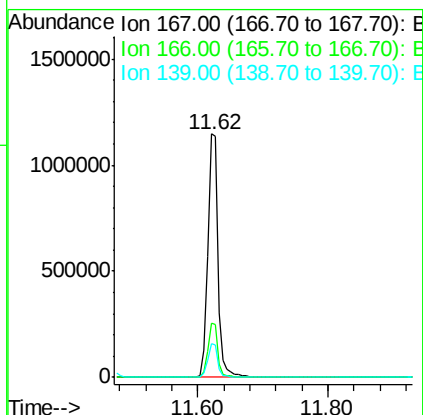
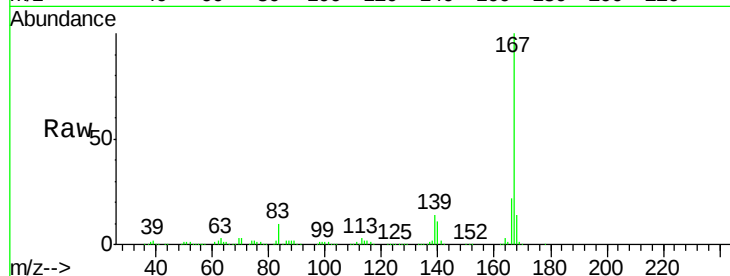




#73
 Carbazole
 Concen: 42.910 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

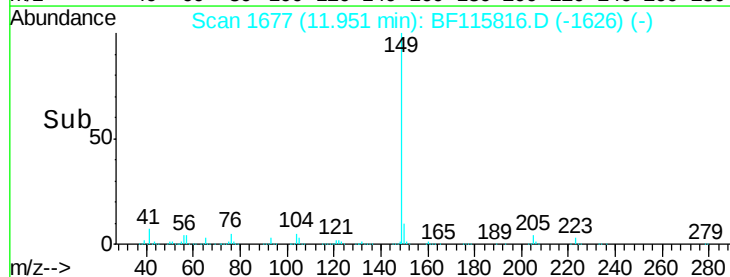
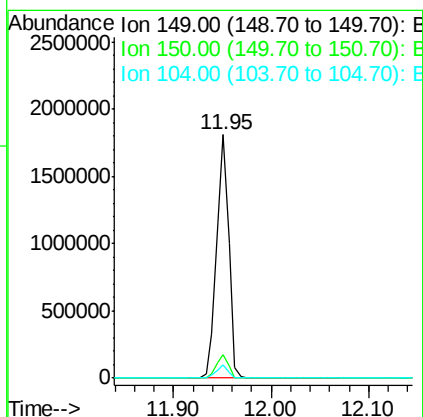
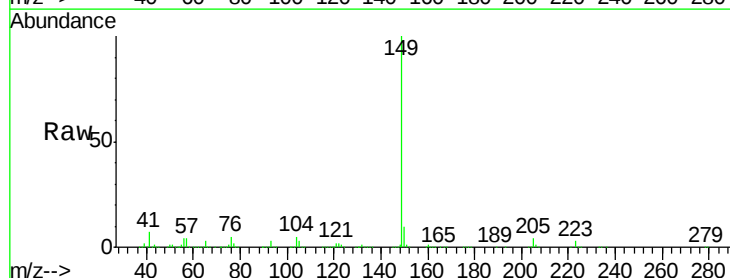
Instrument :
 BNA_F
 ClientSampleId :

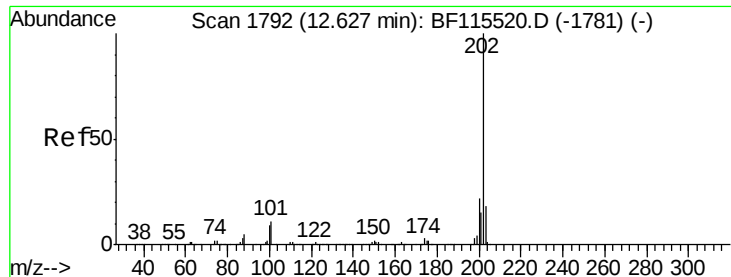
Tot Ion:167 Resp: 1238645
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 13.9 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 44.086 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Tgt Ion:149 Resp: 1567565
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.0 12.0
 104 5.4 4.3 6.5





#75

Fluoranthene

Concen: 40.906 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

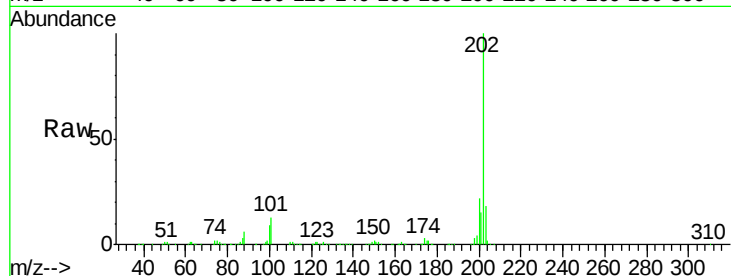
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1376870

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.6
203	18.0	0.0	38.0

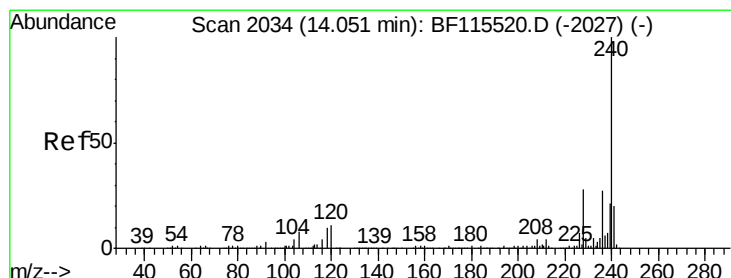
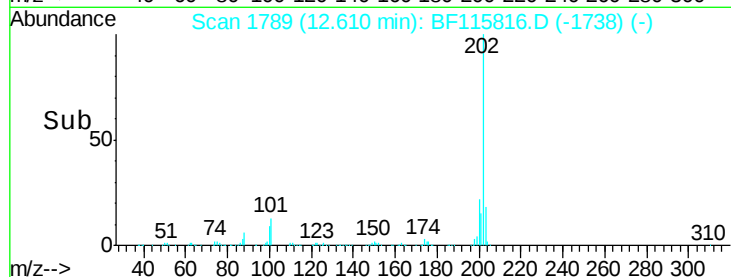
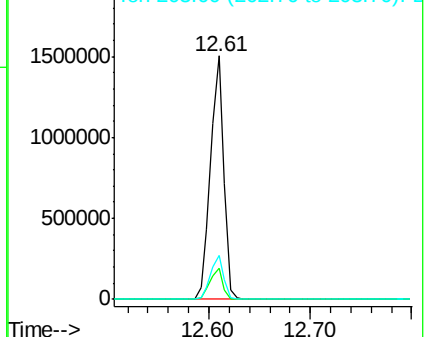


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

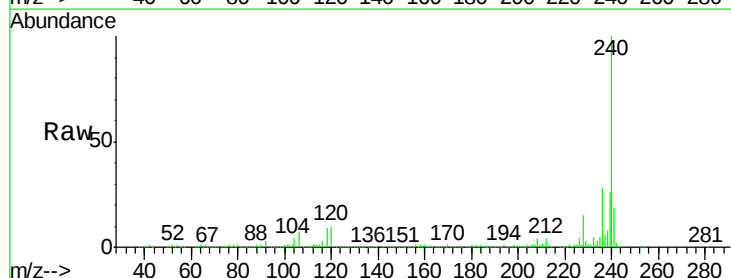
Delta R.T. 0.01 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Tgt Ion:240 Resp: 434767

Ion	Ratio	Lower	Upper
240	100		
120	10.3	10.0	15.0
236	28.2	21.8	32.6

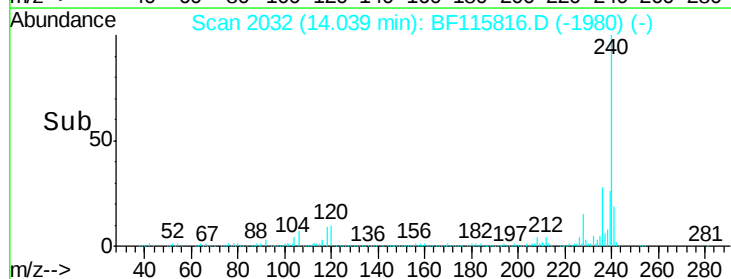
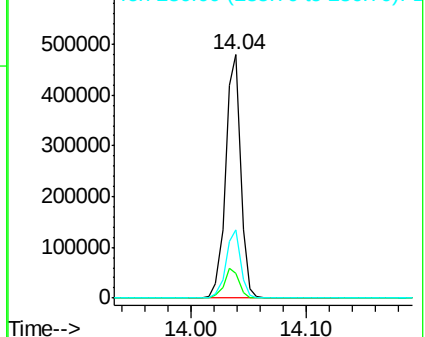


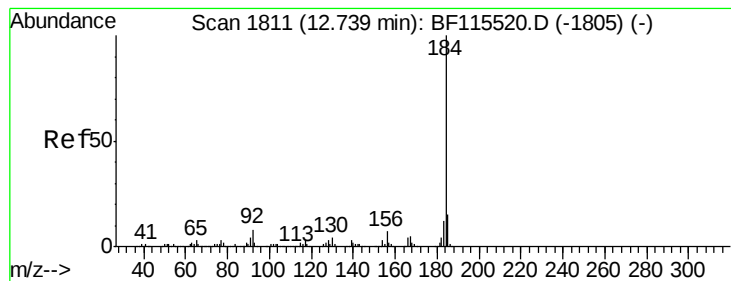
Abundance

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: 39.596 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

ClientSampleId :

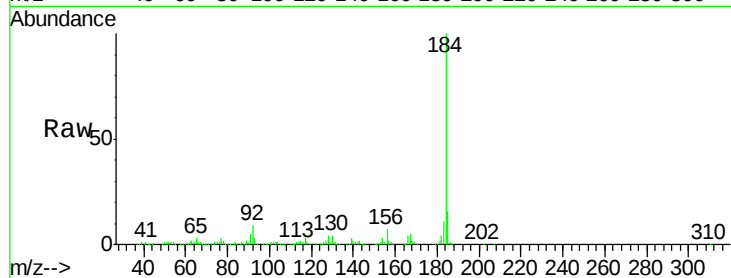
Tot Ion:184 Resp: 609841

Ion Ratio Lower Upper

184 100

185 15.5 12.5 18.7

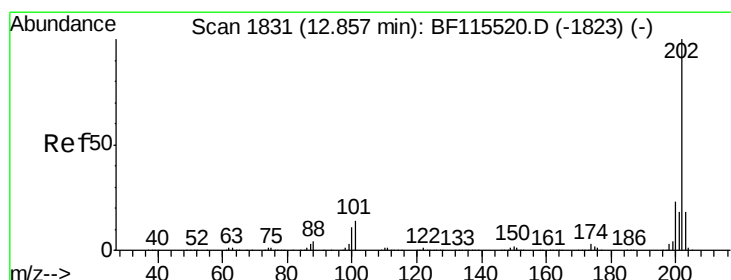
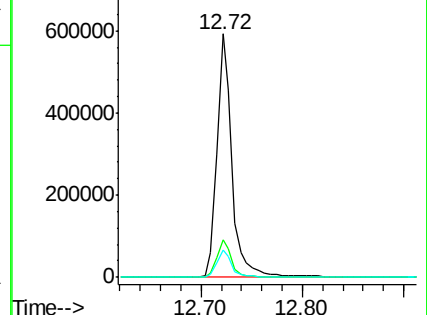
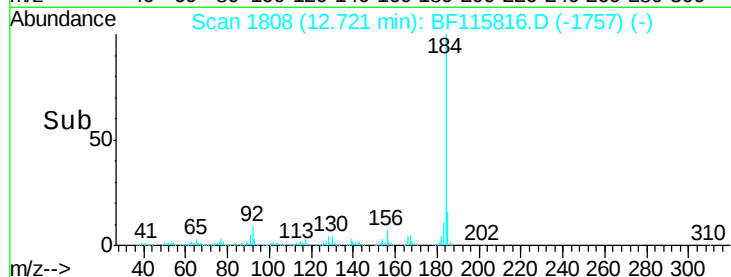
183 11.5 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.789 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

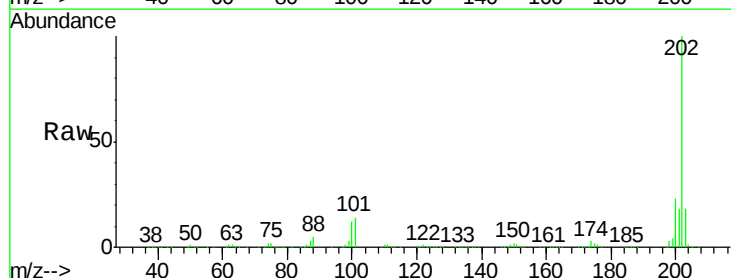
Tgt Ion:202 Resp: 1391962

Ion Ratio Lower Upper

202 100

200 23.1 18.2 27.4

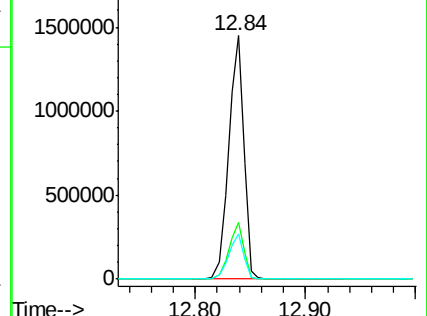
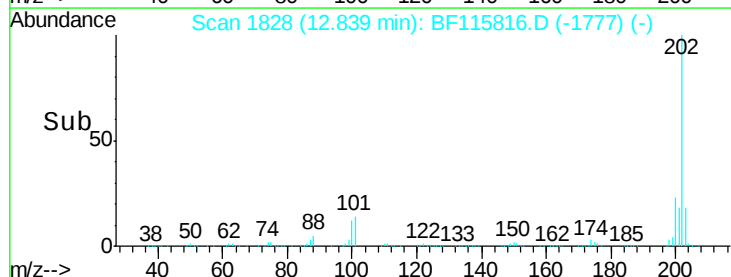
203 18.3 14.6 21.8



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

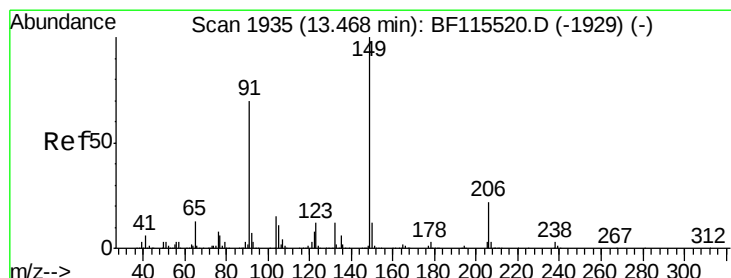
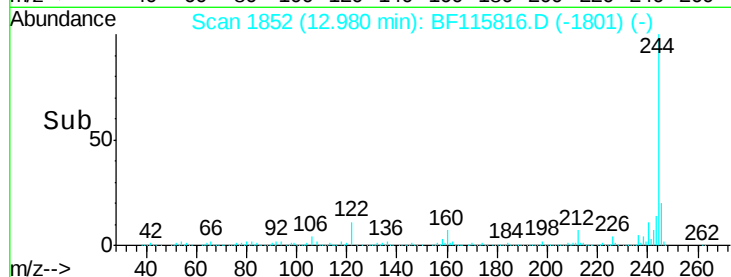
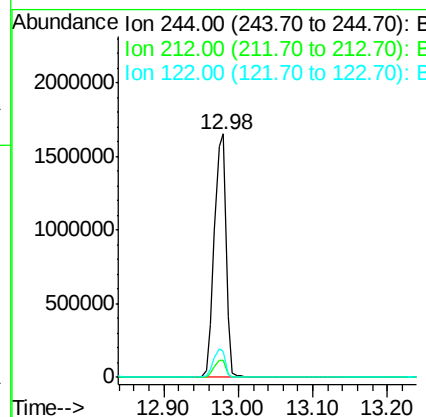
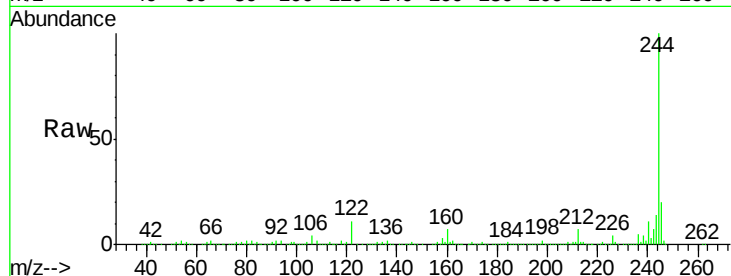




#79
 Terphenyl-d14
 Concen: 76.397 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

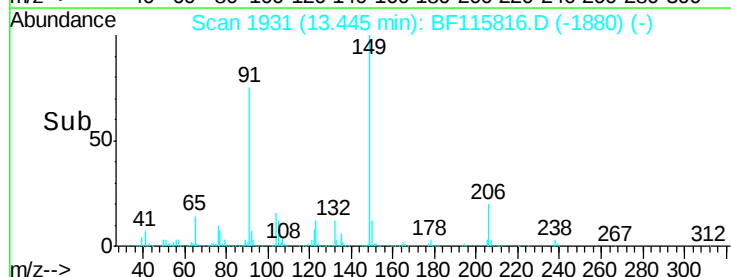
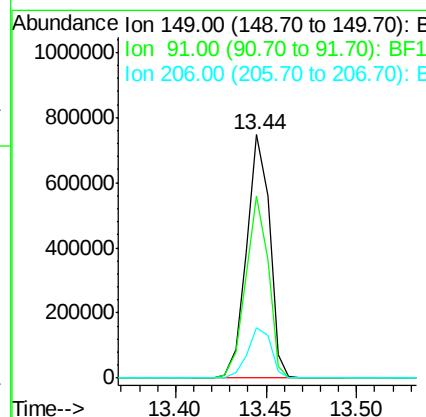
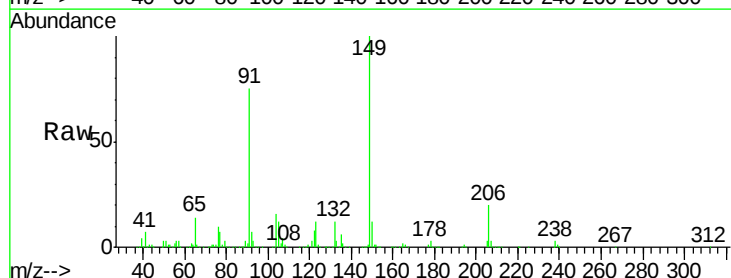
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1800112
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 10.8 8.2 12.4



#80
 Butylbenzylphthalate
 Concen: 42.055 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: BF115816.D
 Acq: 27 Jul 2019 8:36

Tgt Ion:149 Resp: 660367
 Ion Ratio Lower Upper
 149 100
 91 74.9 59.8 89.8
 206 20.4 16.2 24.4

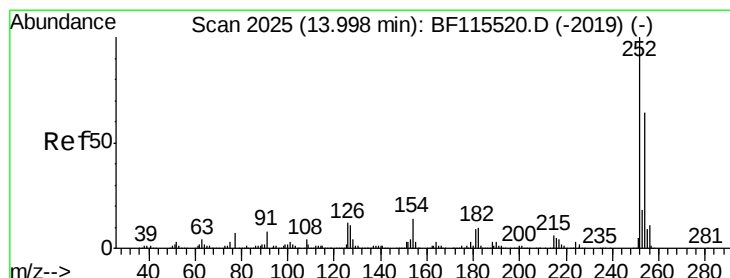
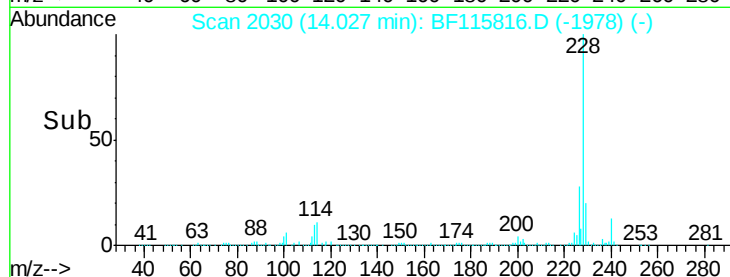
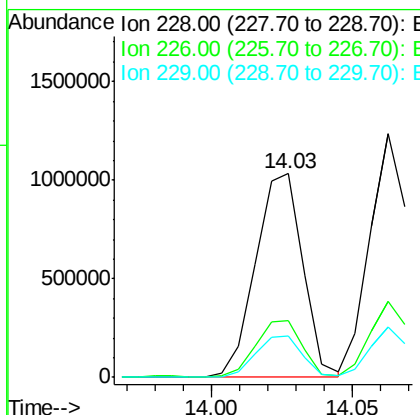
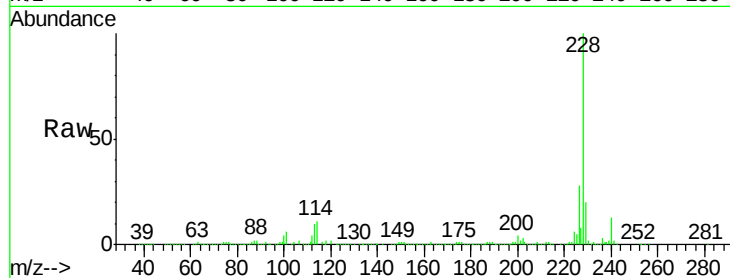




#81
Benzo(a)anthracene
Concen: 41.751 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

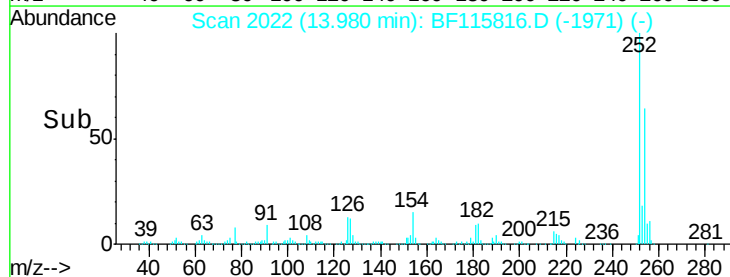
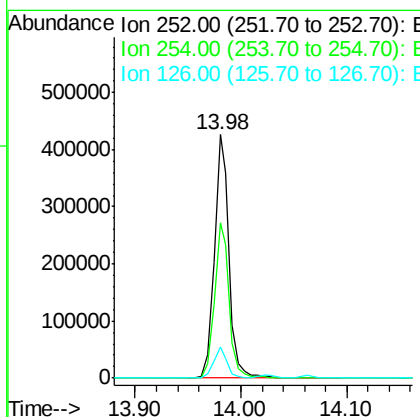
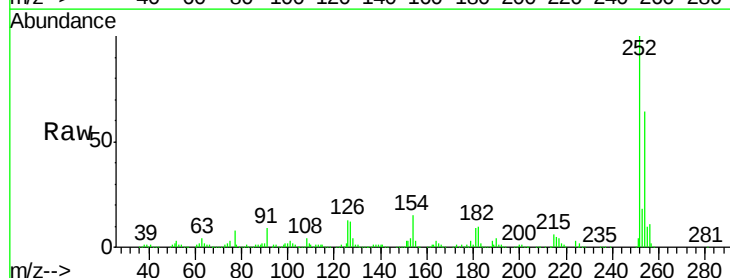
Instrument :
BNA_F
ClientSampleId :

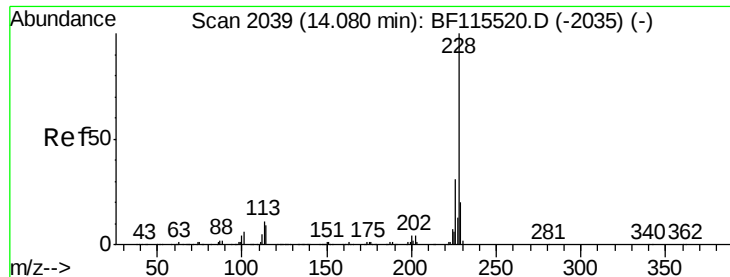
Tot Ion:228 Resp: 1195865
Ion Ratio Lower Upper
228 100
226 28.1 22.2 33.2
229 20.1 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 41.164 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion:252 Resp: 419144
Ion Ratio Lower Upper
252 100
254 63.5 51.6 77.4
126 12.6 9.9 14.9





#83

Chrvsene

Concen: 39.303 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

ClientSampleId :

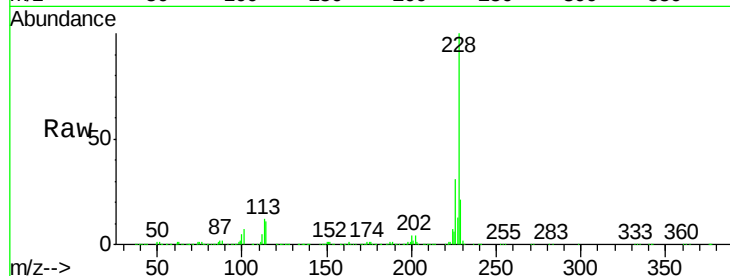
Tot Ion:228 Resp: 1130086

Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.4

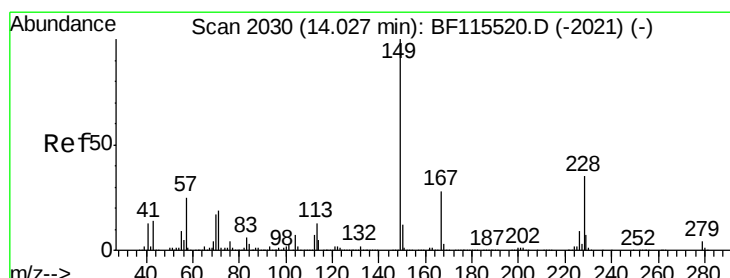
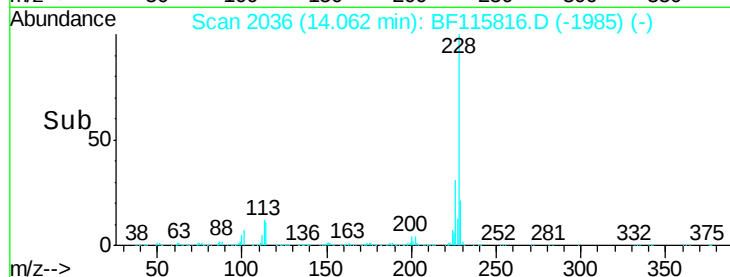
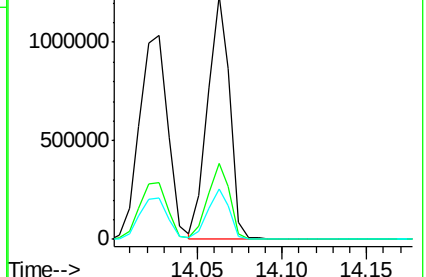
229 20.6 16.2 24.2



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: 47.481 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

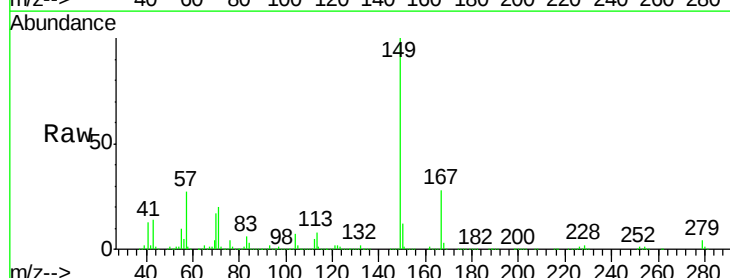
Tgt Ion:149 Resp: 923519

Ion Ratio Lower Upper

149 100

167 27.9 22.5 33.7

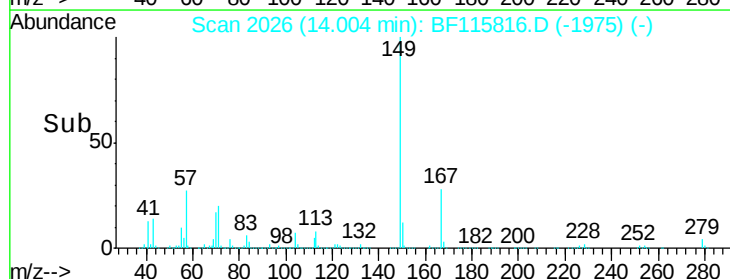
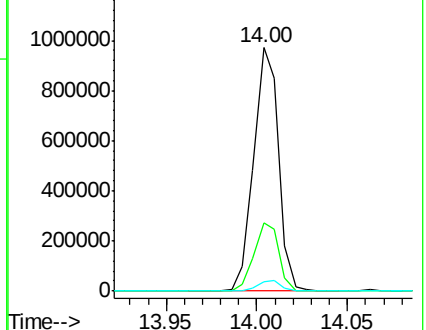
279 3.7 3.1 4.7

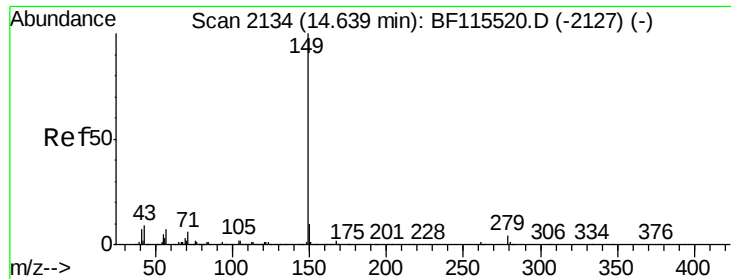


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.077 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

ClientSampleId :

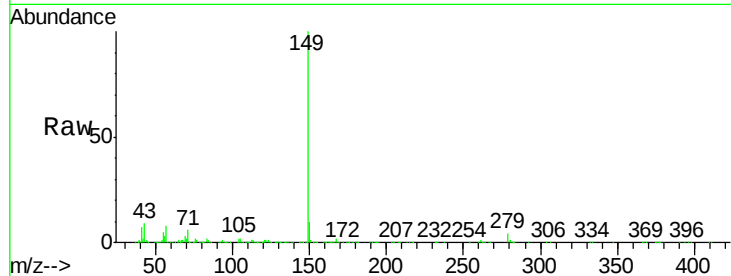
Tot Ion:149 Resp: 1425974

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

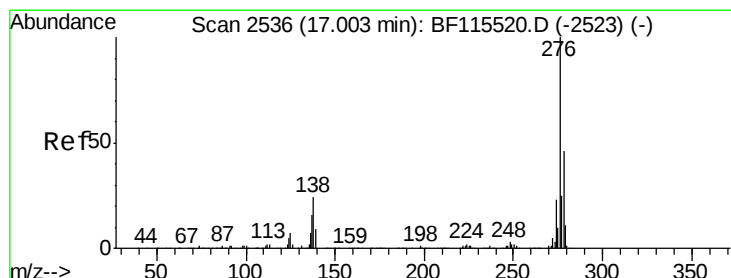
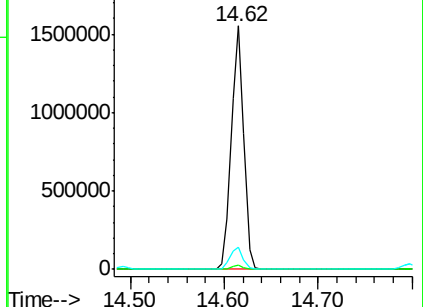
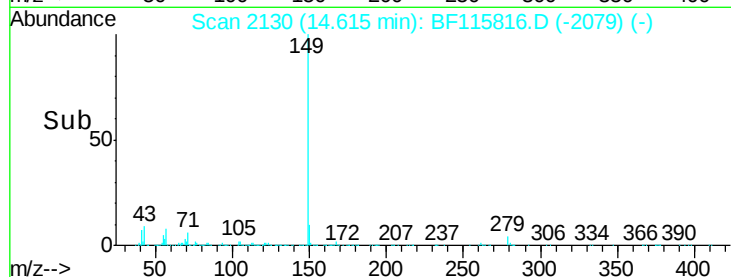
43 9.4 7.4 11.0



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: 40.873 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.01 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

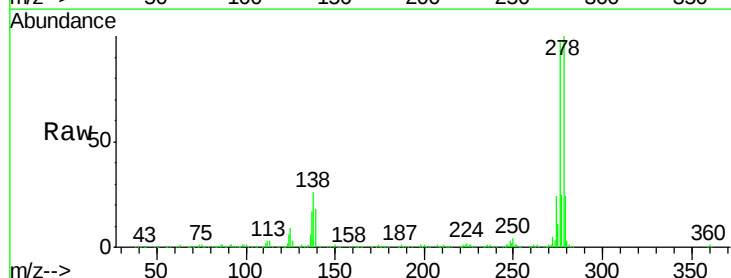
Tgt Ion:276 Resp: 998443

Ion Ratio Lower Upper

276 100

138 24.8 20.1 30.1

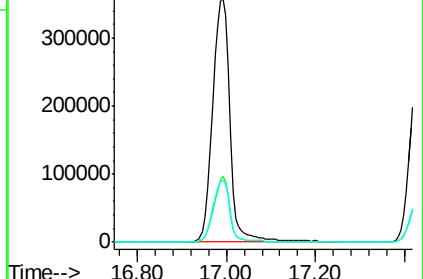
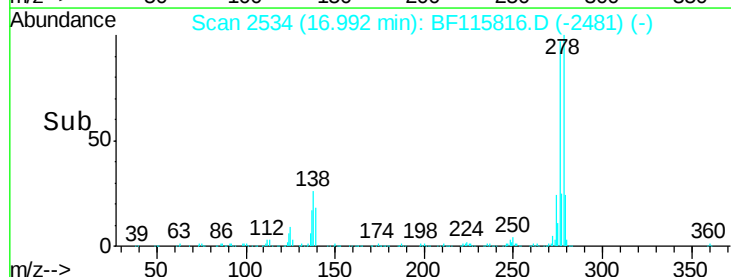
277 25.1 19.8 29.8

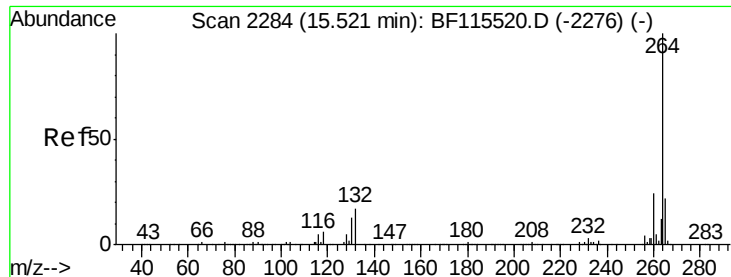


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

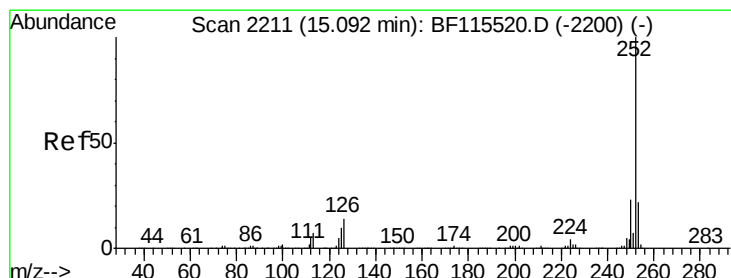
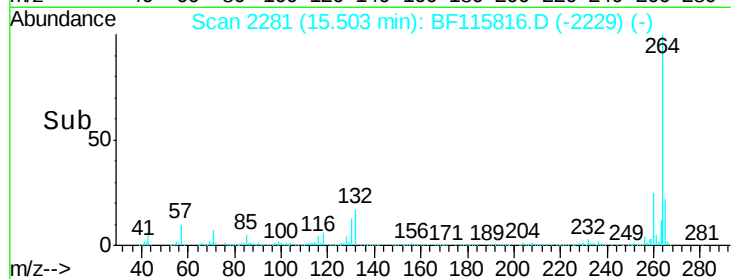
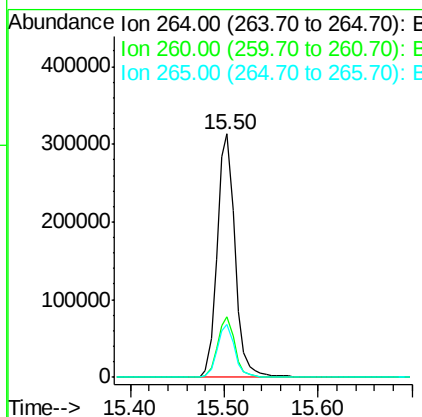
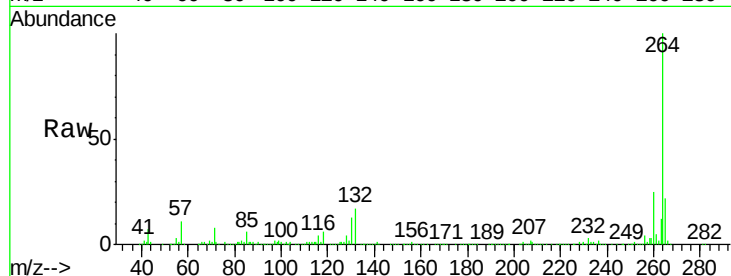




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

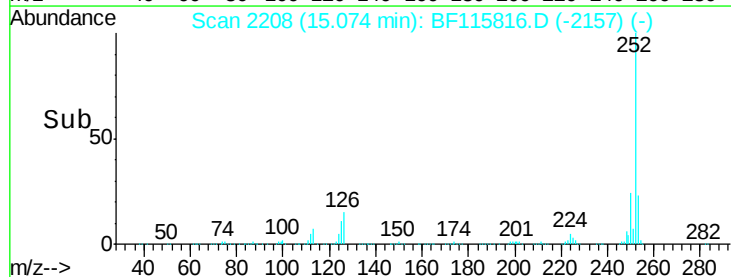
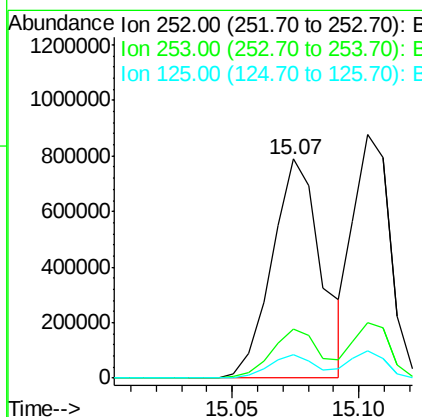
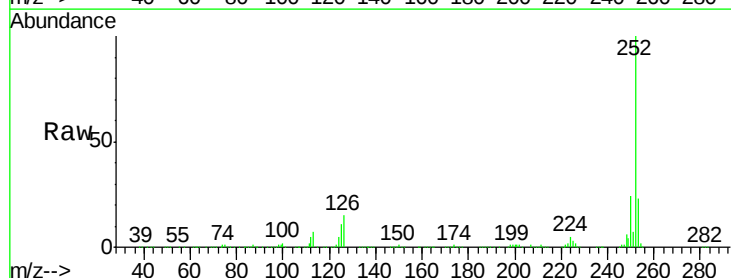
Instrument :
BNA_F
ClientSampleId :

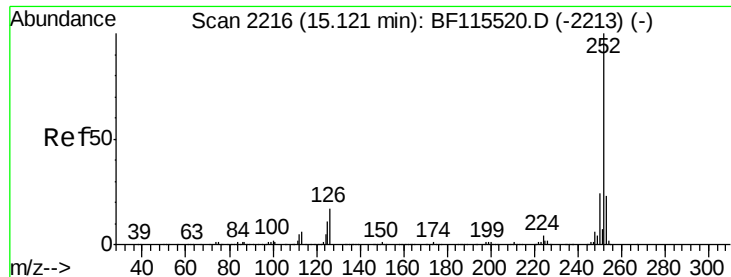
Tot Ion:264 Resp: 418303
Ion Ratio Lower Upper
264 100
260 25.0 19.8 29.6
265 21.9 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 39.604 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion:252 Resp: 1066752
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 10.8 8.4 12.6

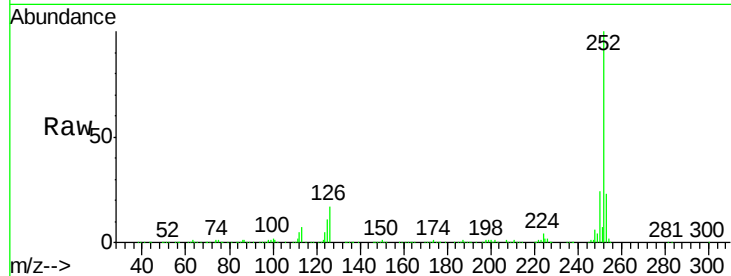




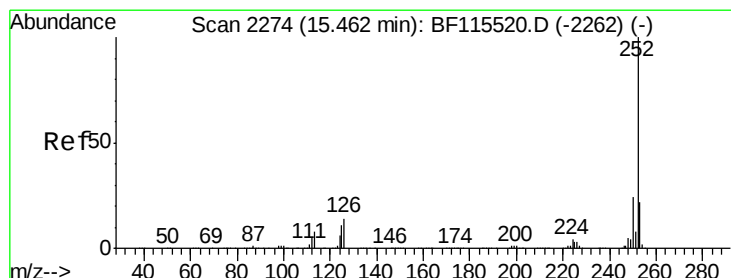
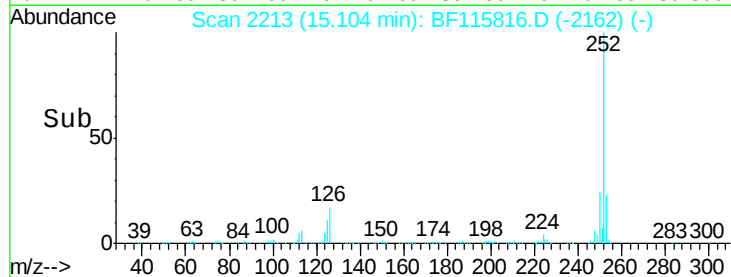
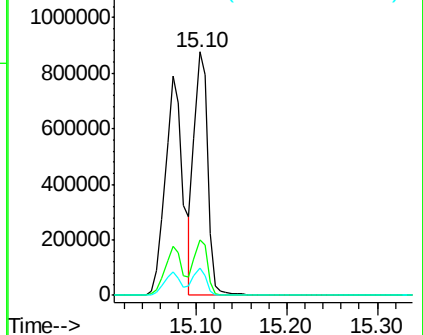
#89
Benzo(k)fluoranthene
Concen: 37.568 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 902159
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 11.2 8.6 13.0

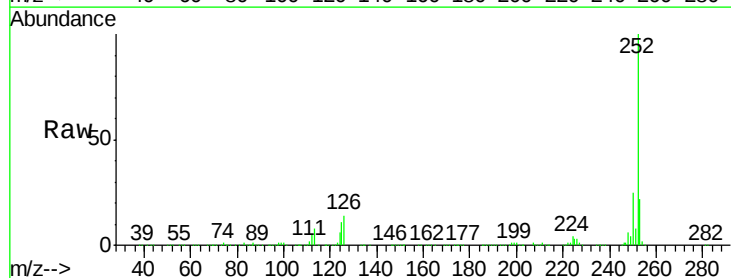


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

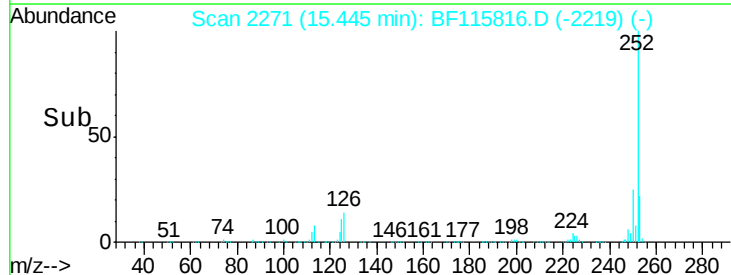
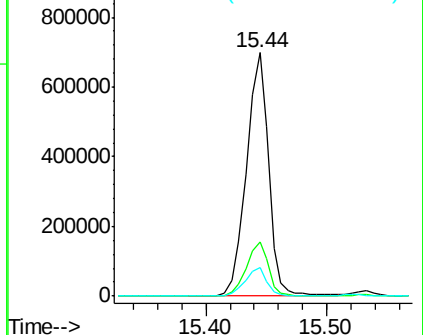


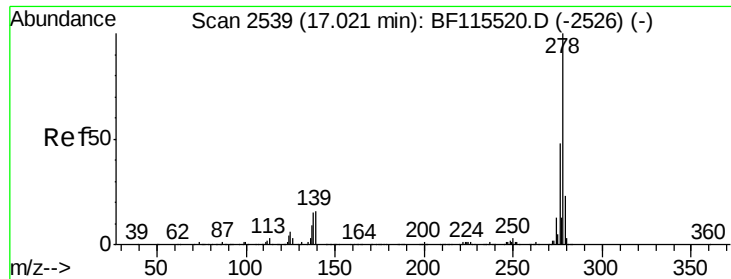
#90
Benzo(a)pyrene
Concen: 38.905 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF115816.D
Acq: 27 Jul 2019 8:36

Tgt Ion:252 Resp: 900685
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 11.5 9.4 14.2



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: 40.869 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

Instrument :

BNA_F

ClientSampleId :

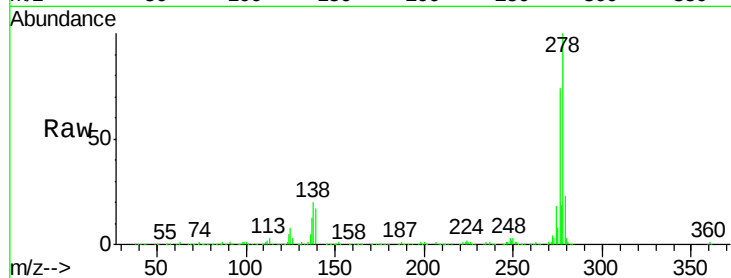
Tot Ion:278 Resp: 830612

Ion Ratio Lower Upper

278 100

139 16.6 13.6 20.4

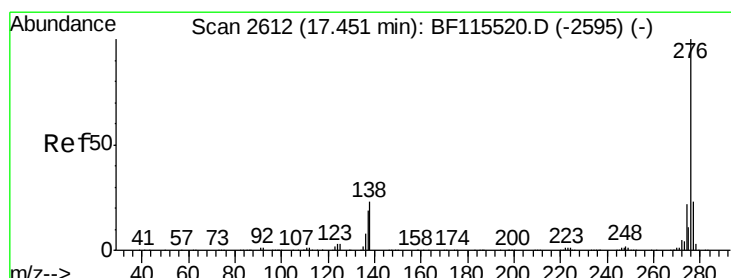
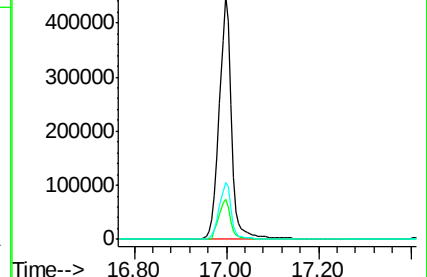
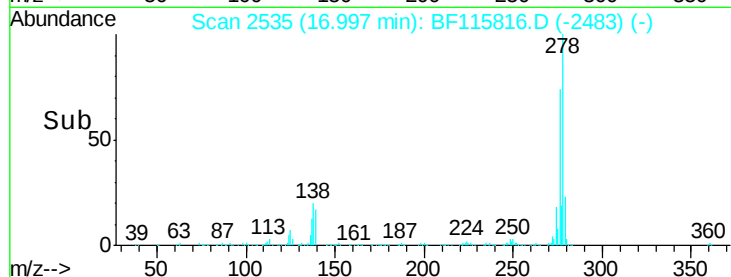
279 23.4 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.977 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.01 min

Lab File: BF115816.D

Acq: 27 Jul 2019 8:36

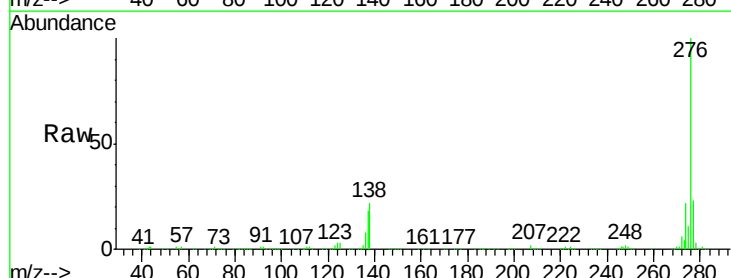
Tgt Ion:276 Resp: 769768

Ion Ratio Lower Upper

276 100

277 23.1 18.1 27.1

138 22.0 16.6 24.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

