

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
 Data File : BF115748.D
 Acq On : 24 Jul 2019 14:14
 Operator : HP/JU
 Sample : PB121678BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 16:36:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	162066	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	663636	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	336507	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	626697	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	442615	20.00	ng	-0.01
87) Perylene-d12	15.50	264	374029	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	803795	81.13	ng	0.00
7) Phenol-d6	6.50	99	1024769	81.51	ng	-0.01
23) Nitrobenzene-d5	7.43	82	954561	83.64	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	302569	77.03	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1745804	90.80	ng	-0.02
79) Terphenyl-d14	12.98	244	1837163	76.59	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.77	88	185032	37.439	ng	95
3) Pyridine	3.51	79	465893	34.745	ng	97
4) n-Nitrosodimethylamine	3.46	42	203812	41.898	ng	93
6) Aniline	6.53	93	474438	27.117	ng	100
8) 2-Chlorophenol	6.66	128	460456	40.421	ng	96
9) Benzaldehyde	6.42	77	184212	23.447	ng	96
10) Phenol	6.52	94	589393	40.385	ng	85
11) bis(2-Chloroethyl)ether	6.60	93	441135	39.701	ng	99
12) 1,3-Dichlorobenzene	6.82	146	485562	37.912	ng	99
13) 1,4-Dichlorobenzene	6.89	146	492305	38.525	ng	96
14) 1,2-Dichlorobenzene	7.05	146	457135	39.133	ng	97
15) Benzyl Alcohol	7.02	79	387537	38.858	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	593204	40.551	ng	98
17) 2-Methylphenol	7.13	107	404766	41.231	ng	98
18) Hexachloroethane	7.39	117	182948	38.571	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	322153	39.290	ng	98
20) 3+4-Methylphenols	7.28	107	469697	40.280	ng	# 86
22) Acetophenone	7.28	105	627454	41.851	ng	# 98
24) Nitrobenzene	7.45	77	511295	41.535	ng	95
25) Isophorone	7.69	82	940352	41.175	ng	98
26) 2-Nitrophenol	7.77	139	261137	41.213	ng	99
27) 2,4-Dimethylphenol	7.80	122	438878	46.293	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	582210	41.555	ng	99
29) 2,4-Dichlorophenol	8.02	162	417460	42.340	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	431778	38.742	ng	98
31) Naphthalene	8.17	128	1347246	41.918	ng	97
32) Benzoic acid	7.94	122	278394	35.782	ng	98
33) 4-Chloroaniline	8.22	127	364262	25.587	ng	98
34) Hexachlorobutadiene	8.30	225	247031	38.652	ng	99
35) Caprolactam	8.59	113	78096	25.632	ng	88
36) 4-Chloro-3-methylphenol	8.71	107	428734	41.920	ng	99
37) 2-Methylnaphthalene	8.87	142	914710	42.935	ng	99
38) 1-Methylnaphthalene	8.97	142	849862	41.997	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	408643	40.326	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
 Data File : BF115748.D
 Acq On : 24 Jul 2019 14:14
 Operator : HP/JU
 Sample : PB121678BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 16:36:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

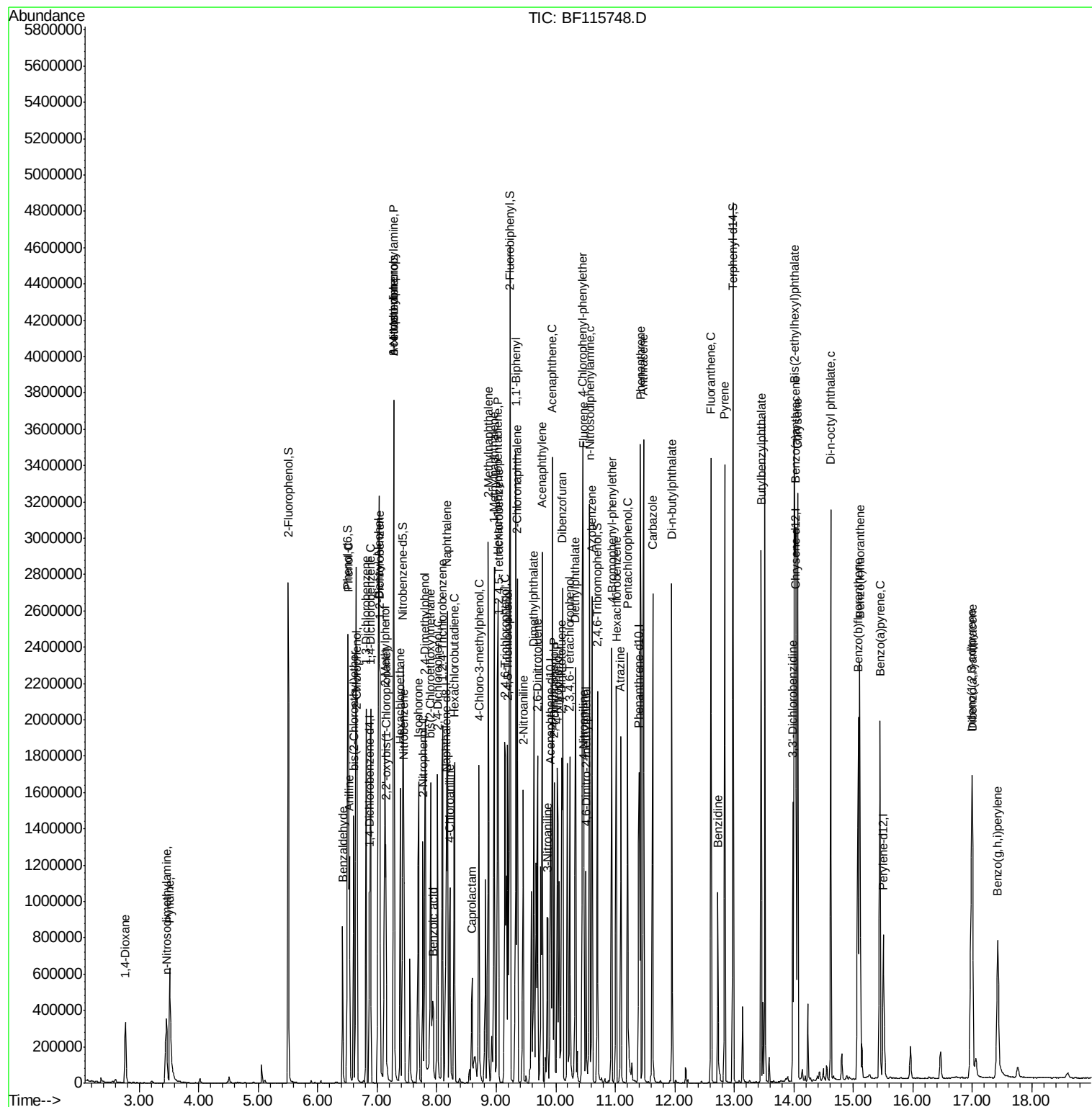
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	362684	62.743	ng	100
43) 2,4,6-Trichlorophenol	9.15	196	288834	38.976	ng	97
44) 2,4,5-Trichlorophenol	9.19	196	301614	39.743	ng	97
46) 1,1'-Biphenyl	9.33	154	1110123	42.198	ng	98
47) 2-Chloronaphthalene	9.36	162	878106	40.087	ng	97
48) 2-Nitroaniline	9.45	65	270498	39.897	ng	98
49) Acenaphthylene	9.77	152	1328299	40.923	ng	98
50) Dimethylphthalate	9.63	163	1026129	40.530	ng	99
51) 2,6-Dinitrotoluene	9.69	165	230006	39.976	ng	97
52) Acenaphthene	9.95	154	807354	38.527	ng	99
53) 3-Nitroaniline	9.86	138	168456	25.621	ng	96
54) 2,4-Dinitrophenol	9.97	184	228231	77.261	ng	98
55) Dibenzofuran	10.12	168	1189976	39.987	ng	99
56) 4-Nitrophenol	10.03	139	346373	69.084	ng	92
57) 2,4-Dinitrotoluene	10.10	165	302595	40.594	ng	95
58) Fluorene	10.46	166	884870	41.593	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	256133	40.373	ng	98
60) Diethylphthalate	10.33	149	981698	41.384	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	454222	38.500	ng	99
62) 4-Nitroaniline	10.47	138	235138	37.283	ng	93
63) Azobenzene	10.61	77	997554	43.355	ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	155151	40.521	ng	95
66) n-Nitrosodiphenylamine	10.57	169	815427	41.829	ng	98
67) 4-Bromophenyl-phenylether	10.94	248	284968	39.791	ng	100
68) Hexachlorobenzene	11.02	284	316866	38.743	ng	97
69) Atrazine	11.10	200	258665	40.447	ng	99
70) Pentachlorophenol	11.21	266	348937	69.756	ng	99
71) Phenanthrene	11.42	178	1310391	40.792	ng	98
72) Anthracene	11.47	178	1341172	40.398	ng	99
73) Carbazole	11.63	167	1201347	41.265	ng	99
74) Di-n-butylphthalate	11.96	149	1501370	41.867	ng	100
75) Fluoranthene	12.61	202	1368162	40.304	ng	98
77) Benzidine	12.72	184	453593	28.929	ng	100
78) Pyrene	12.84	202	1387870	37.010	ng	99
80) Butylbenzylphthalate	13.45	149	637779	39.896	ng	98
81) Benzo(a)anthracene	14.03	228	1168844	40.084	ng	98
82) 3,3'-Dichlorobenzidine	13.99	252	359404	34.671	ng	98
83) Chrysene	14.06	228	1146694	39.173	ng	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	891632	45.028	ng	99
85) Di-n-octyl phthalate	14.62	149	1486233	47.173	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	988032	39.729	ng	100
88) Benzo(b)fluoranthene	15.08	252	1129600	46.902	ng	99
89) Benzo(k)fluoranthene	15.11	252	1003406	46.730	ng	97
90) Benzo(a)pyrene	15.44	252	984833	47.576	ng	100
91) Dibenzo(a,h)anthracene	17.00	278	829398	45.639	ng	100
92) Benzo(g,h,i)perylene	17.43	276	767032	42.321	ng	99

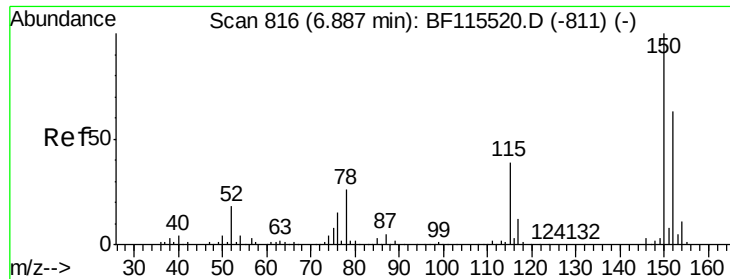
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
Data File : BF115748.D
Acq On : 24 Jul 2019 14:14
Operator : HP/JU
Sample : PB121678BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Jul 24 16:36:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration



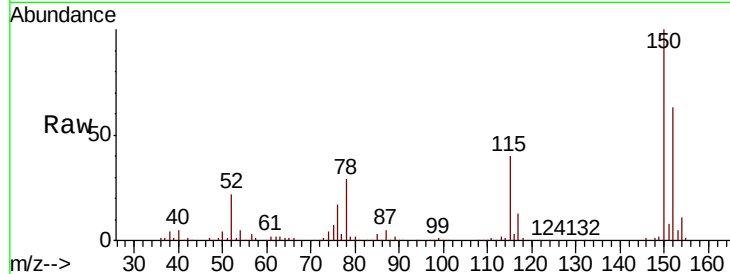


#1

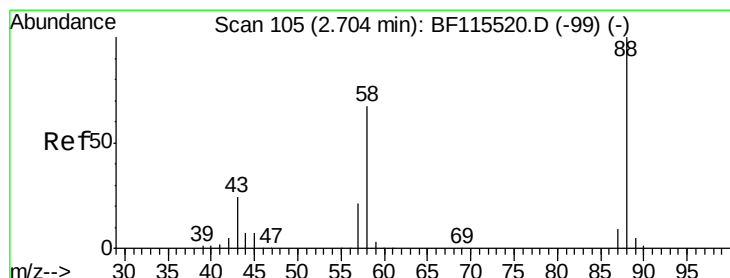
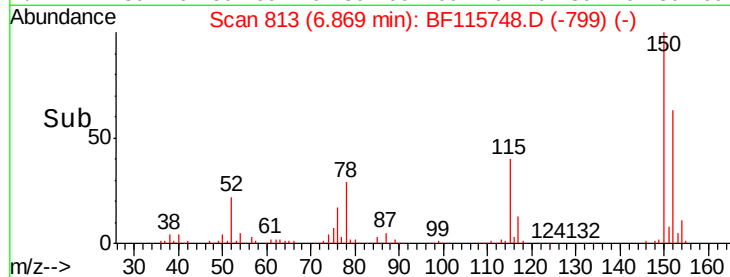
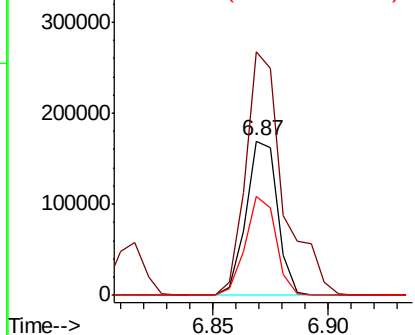
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 162066
Ion Ratio Lower Upper
152 100
150 157.7 129.7 194.5
115 63.7 48.2 72.4



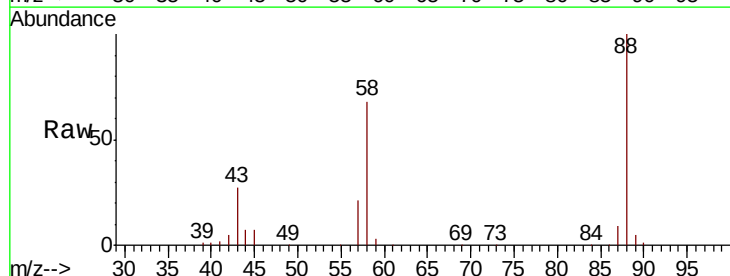
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



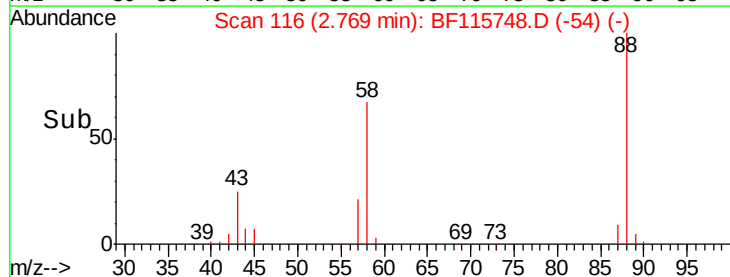
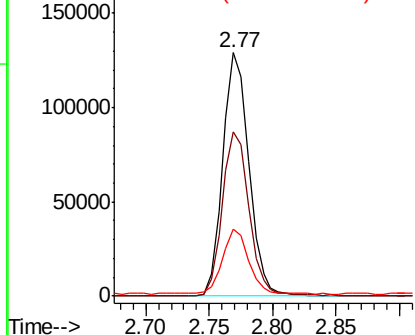
#2

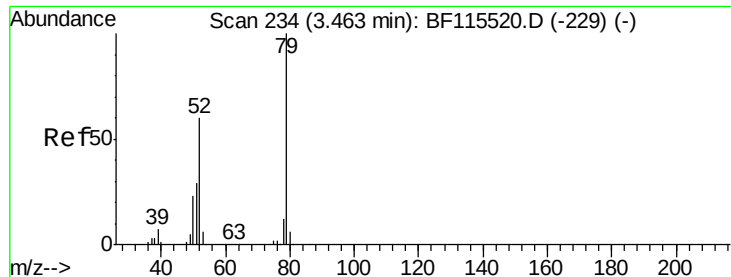
1,4-Dioxane
Concen: 37.439 ng
RT: 2.77 min Scan# 116
Delta R.T. 0.06 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion: 88 Resp: 185032
Ion Ratio Lower Upper
88 100
58 69.6 52.6 79.0
43 26.6 19.1 28.7



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.745 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.05 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

ClientSampleId :

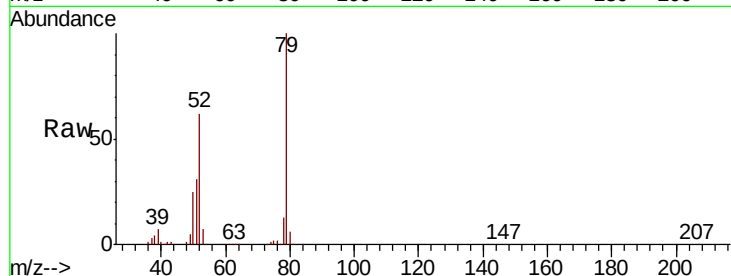
Tot Ion: 79 Resp: 465893

Ion Ratio Lower Upper

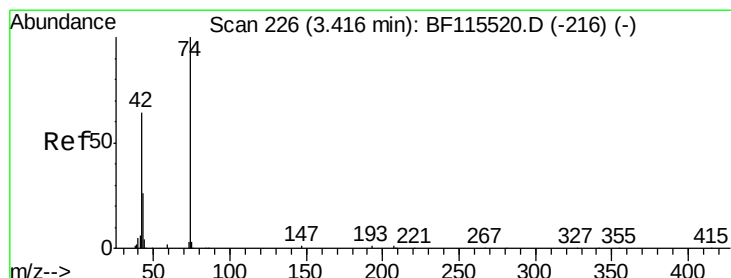
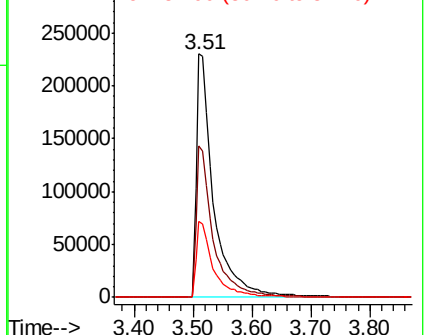
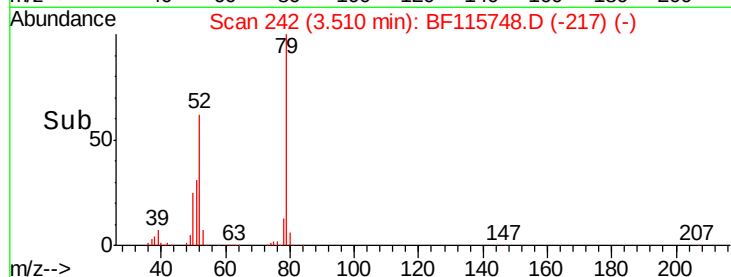
79 100

52 62.2 47.8 71.6

51 31.1 23.8 35.8



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: 41.898 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.05 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

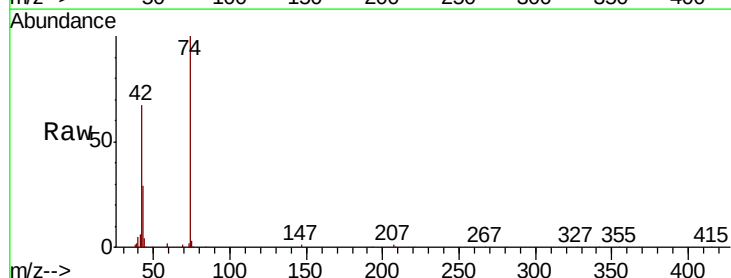
Tgt Ion: 42 Resp: 203812

Ion Ratio Lower Upper

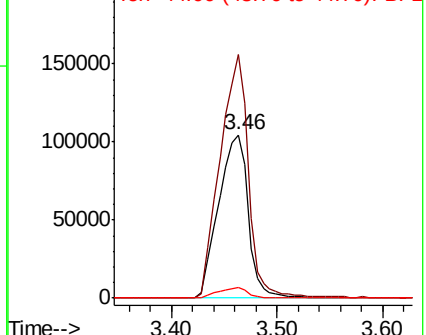
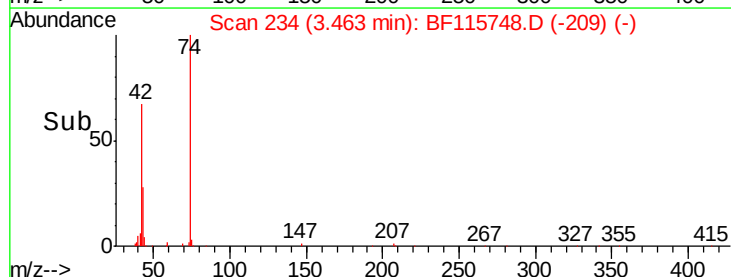
42 100

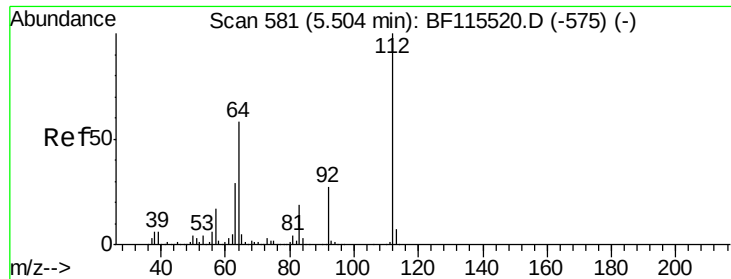
74 149.2 127.5 191.3

44 6.6 5.0 7.6



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: 81.126 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

ClientSampleId :

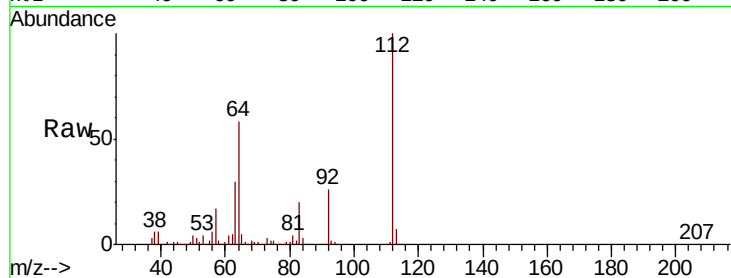
Tot Ion:112 Resp: 803795

Ion Ratio Lower Upper

112 100

64 58.2 46.8 70.2

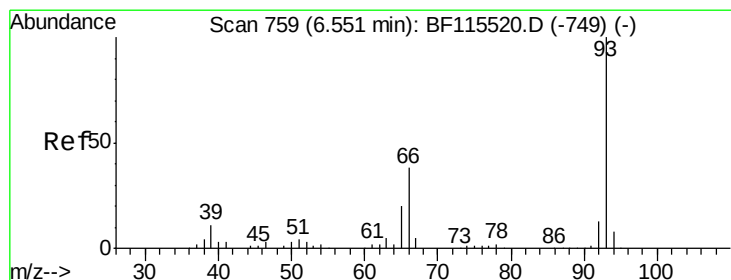
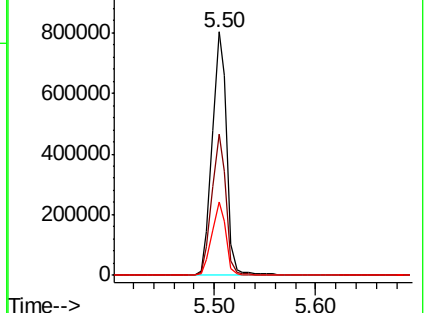
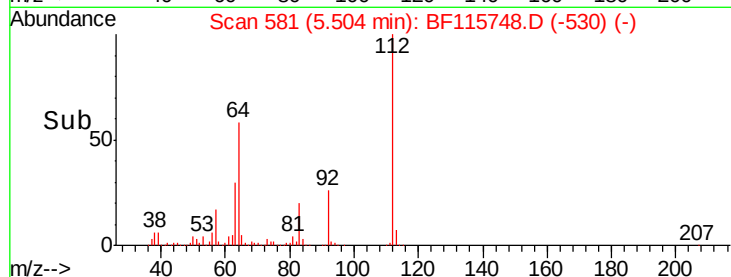
63 30.0 24.1 36.1



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: 27.117 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

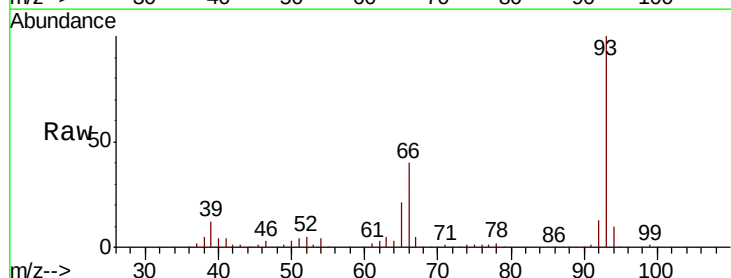
Tgt Ion: 93 Resp: 474438

Ion Ratio Lower Upper

93 100

66 39.6 31.7 47.5

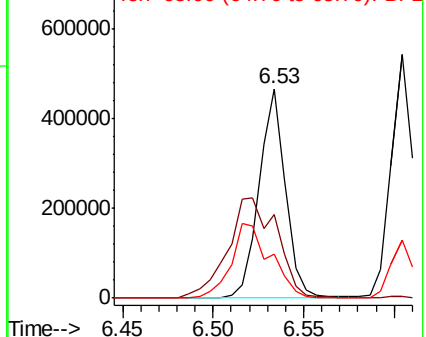
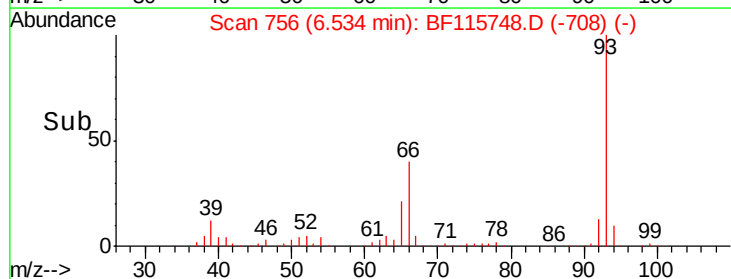
65 20.7 16.2 24.2

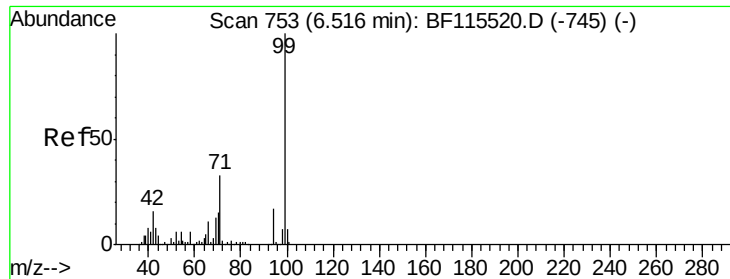


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.511 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

ClientSampled :

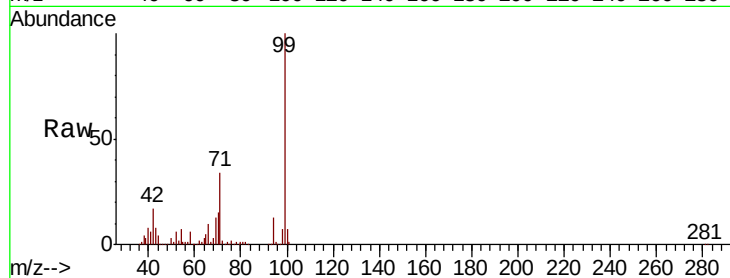
Tot Ion: 99 Resp: 1024769

Ion Ratio Lower Upper

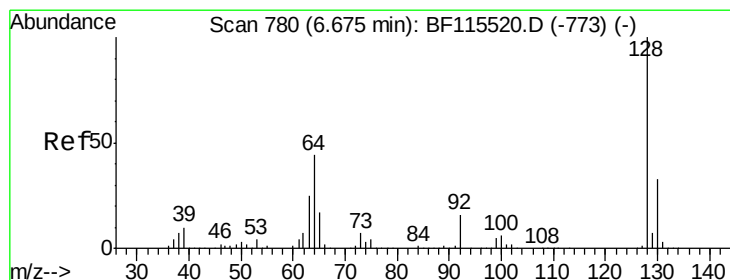
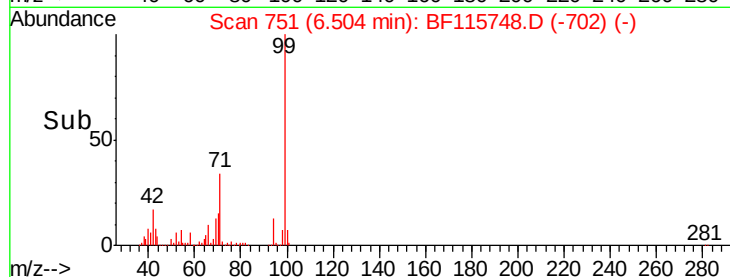
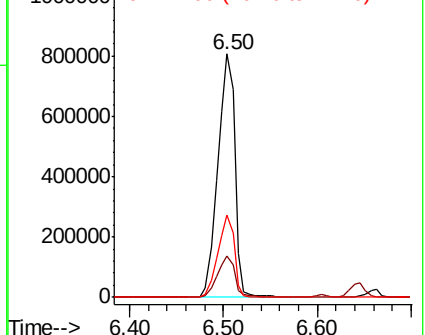
99 100

42 16.9 13.6 20.4

71 33.6 28.5 42.7



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: 40.421 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

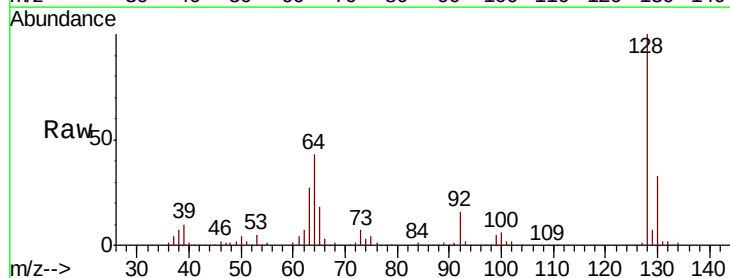
Tgt Ion: 128 Resp: 460456

Ion Ratio Lower Upper

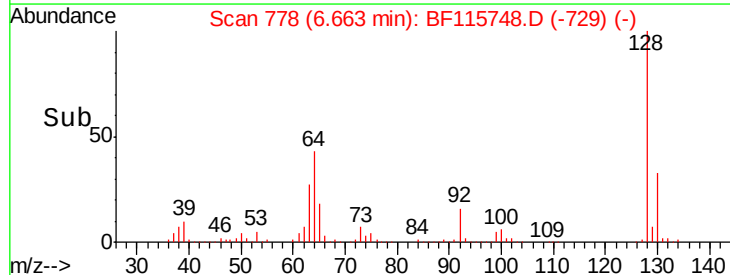
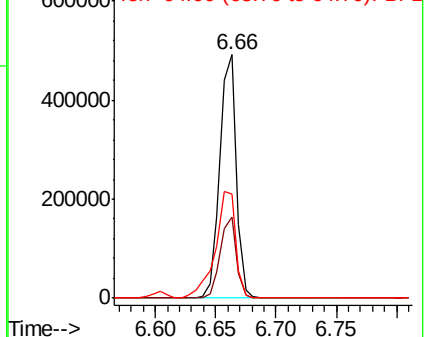
128 100

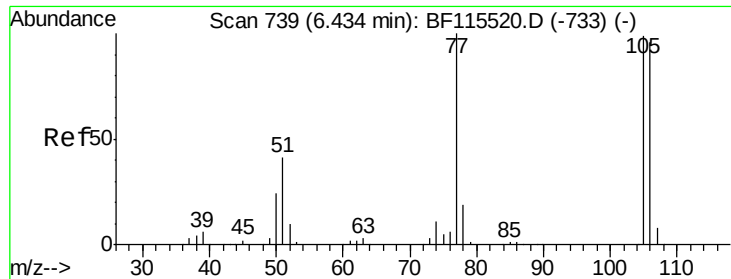
130 33.2 12.8 52.8

64 42.8 26.8 66.8



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: 23.447 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

ClientSampleId :

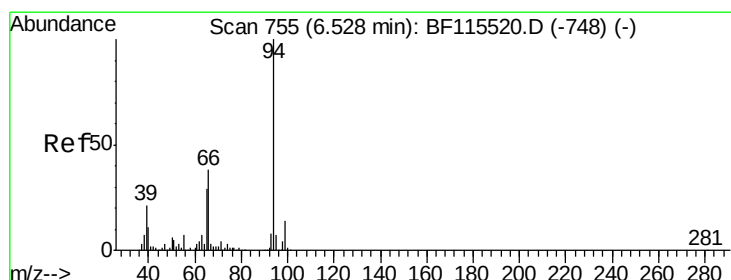
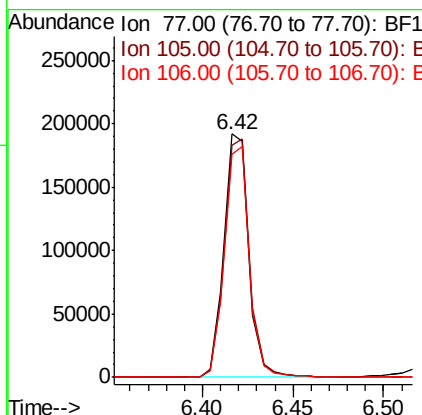
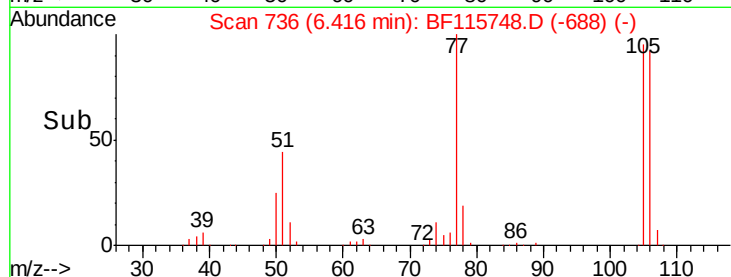
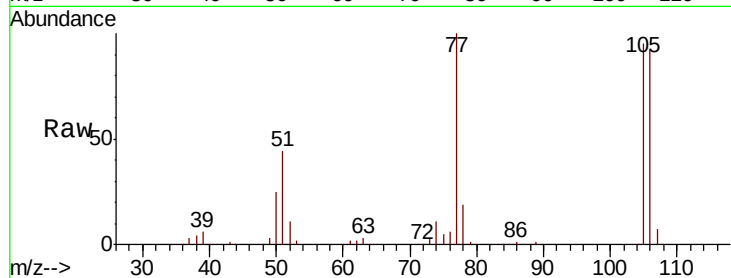
Tot Ion: 77 Resp: 184212

Ion Ratio Lower Upper

77 100

105 95.1 78.8 118.8

106 91.7 75.6 115.6



#10

Phenol

Concen: 40.385 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

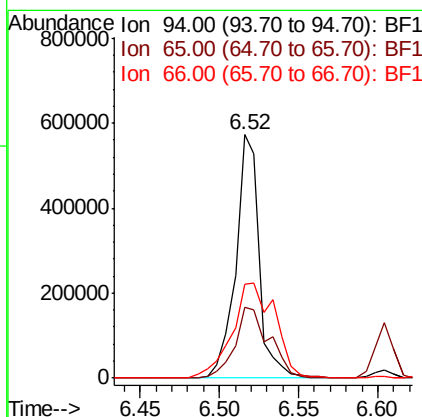
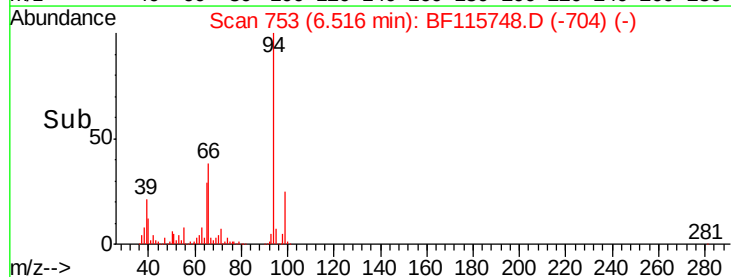
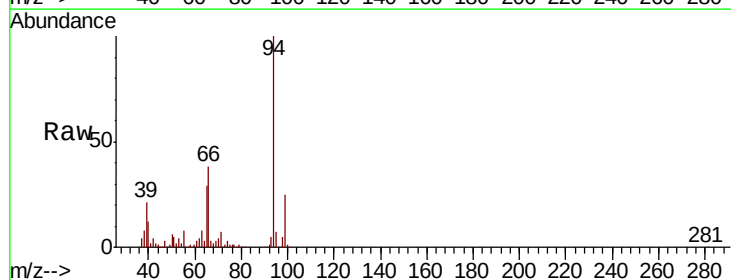
Tgt Ion: 94 Resp: 589393

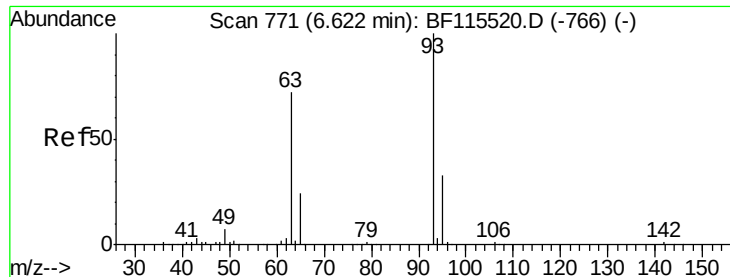
Ion Ratio Lower Upper

94 100

65 29.1 14.5 54.5

66 38.3 31.3 71.3





#11

bis(2-Chloroethyl)ether

Concen: 39.701 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

ClientSampleId :

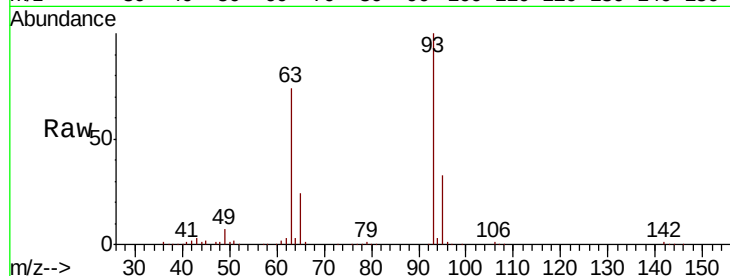
Tot Ion: 93 Resp: 441135

Ion Ratio Lower Upper

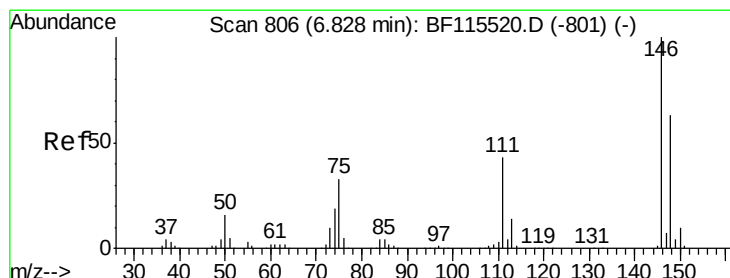
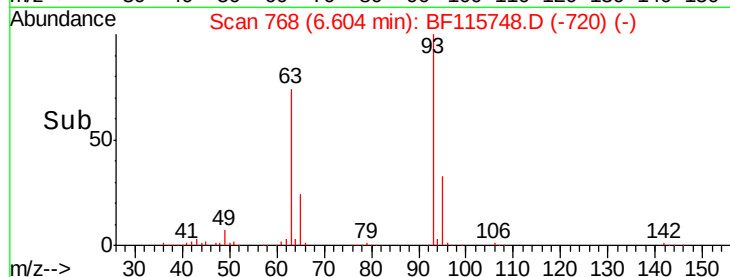
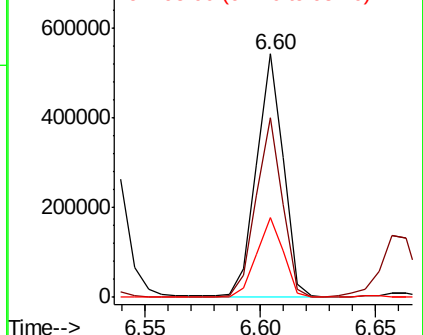
93 100

63 73.8 52.2 92.2

95 32.9 12.9 52.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.912 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

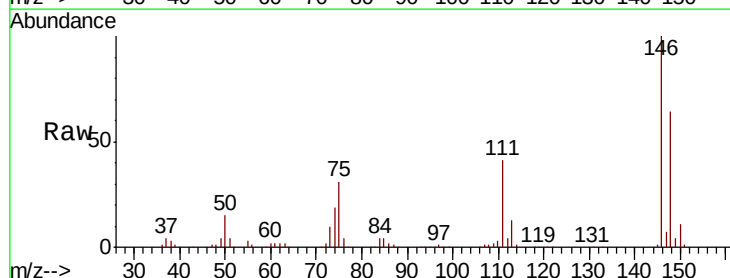
Tgt Ion: 146 Resp: 485562

Ion Ratio Lower Upper

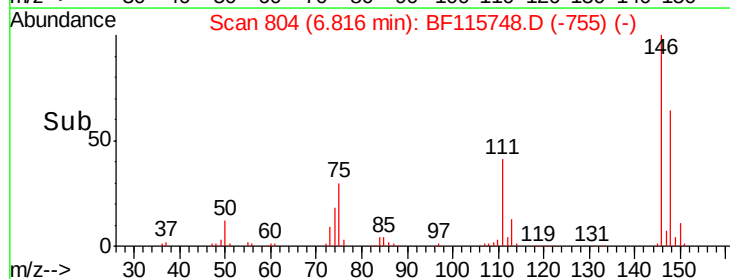
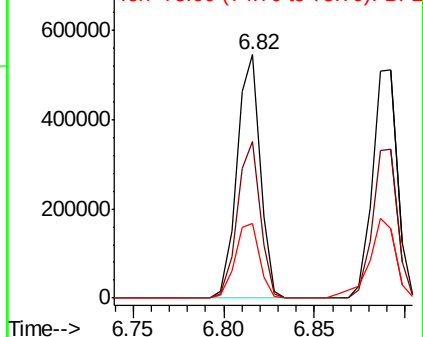
146 100

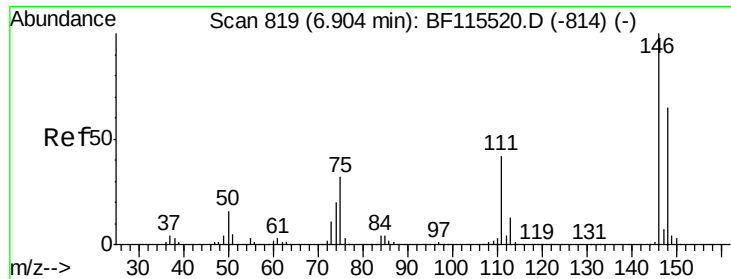
148 64.1 52.1 78.1

75 30.5 24.9 37.3



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

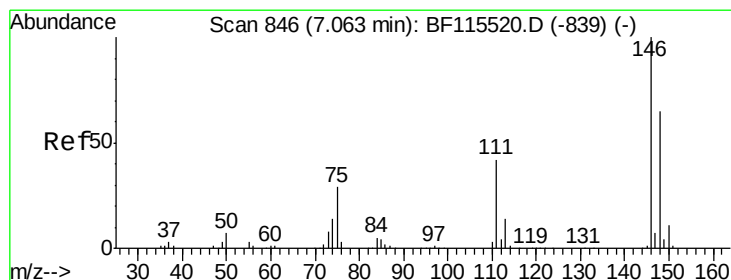
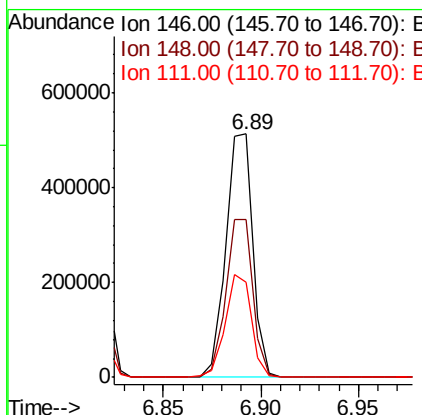
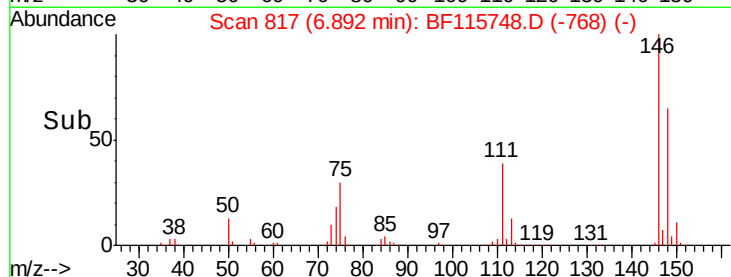
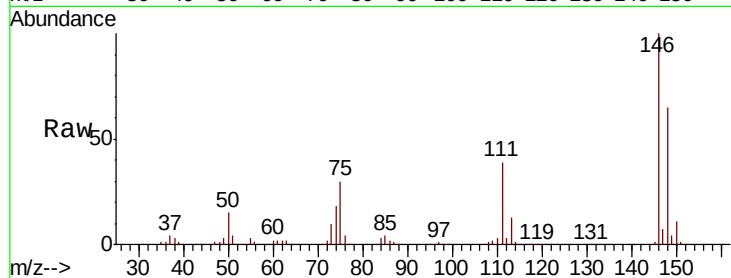




#13
 1,4-Dichlorobenzene
 Concen: 38.525 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115748.D
 Acq: 24 Jul 2019 14:14

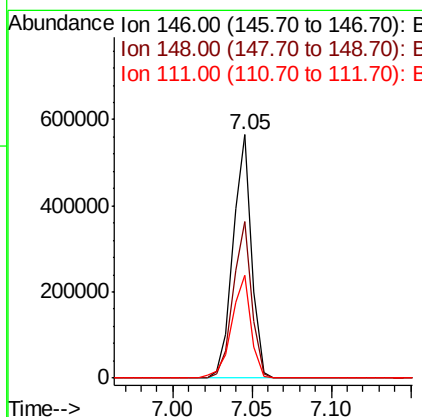
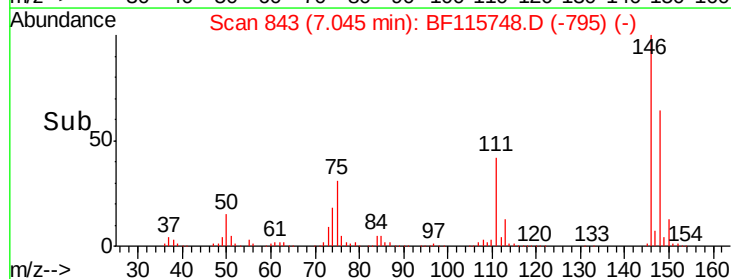
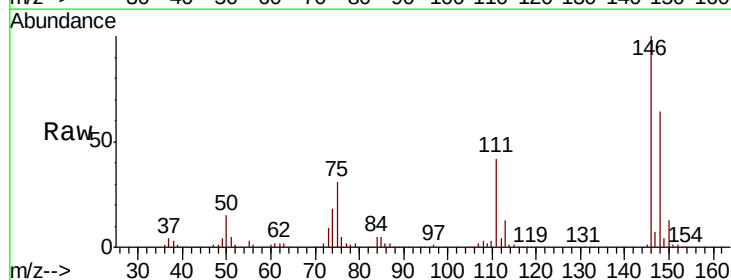
Instrument :
 BNA_F
 ClientSampleId :

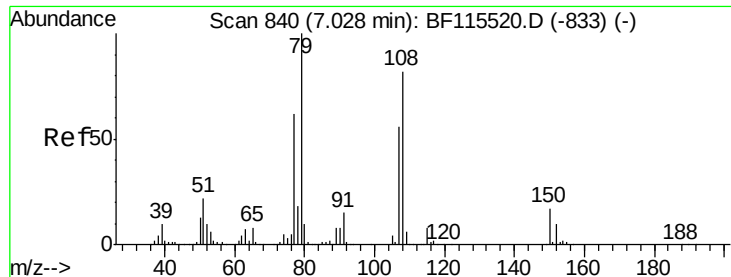
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.6
111	39.2	35.5	53.3



#14
 1,2-Dichlorobenzene
 Concen: 39.133 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BF115748.D
 Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.1	76.7
111	42.3	37.6	56.4





#15

Benzyl Alcohol

Concen: 38.858 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

ClientSampled :

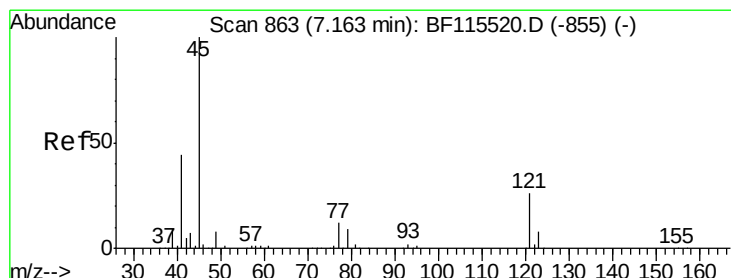
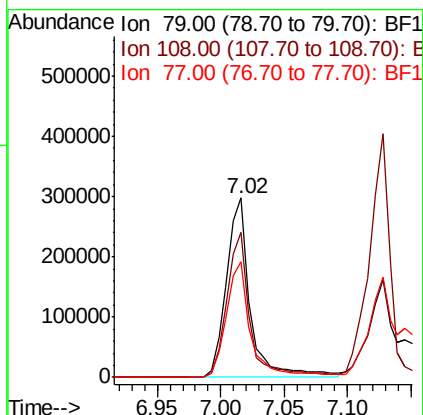
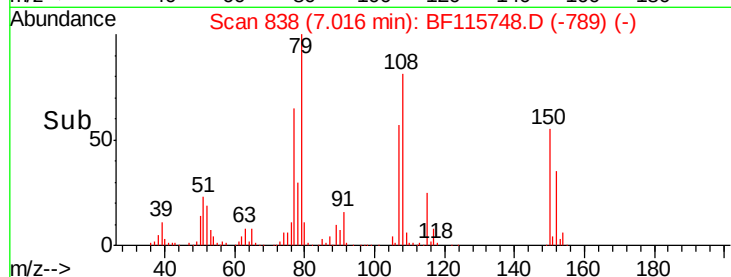
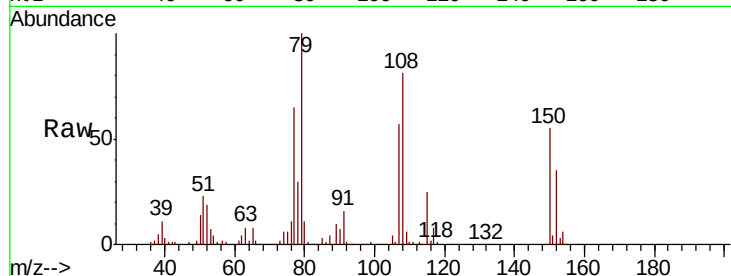
Tot Ion: 79 Resp: 387537

Ion Ratio Lower Upper

79 100

108 81.1 64.2 96.4

77 64.7 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.551 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

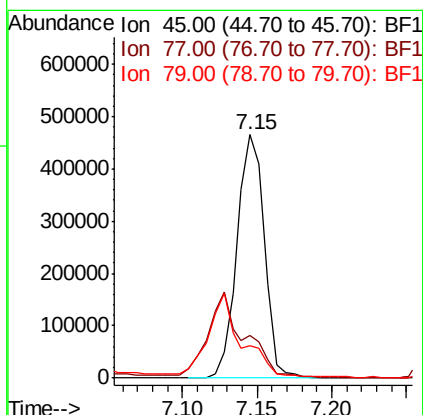
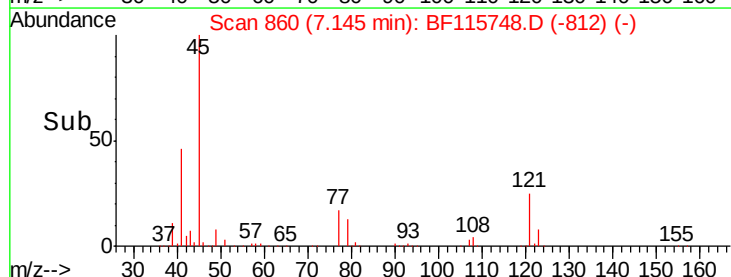
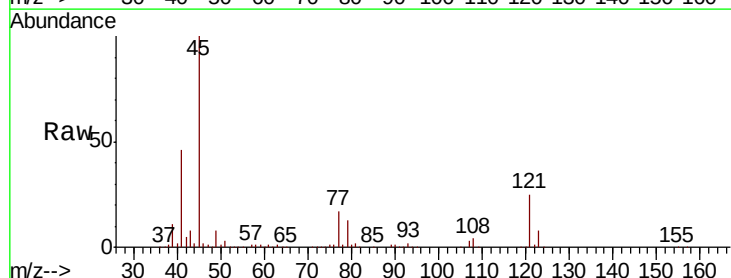
Tgt Ion: 45 Resp: 593204

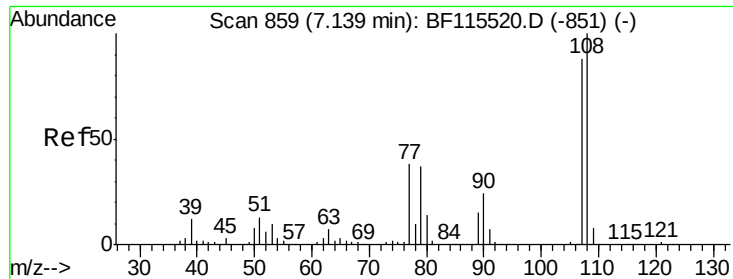
Ion Ratio Lower Upper

45 100

77 17.4 0.0 38.1

79 13.5 0.0 34.1

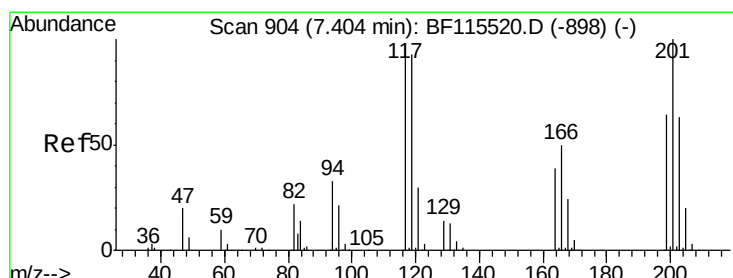
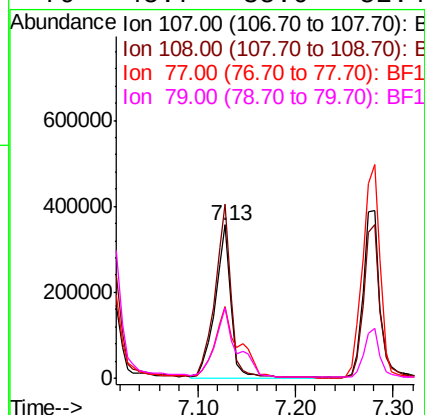
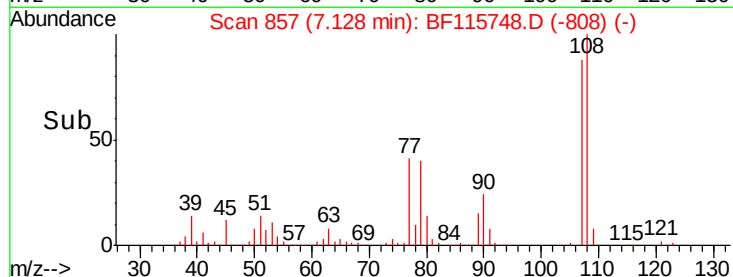
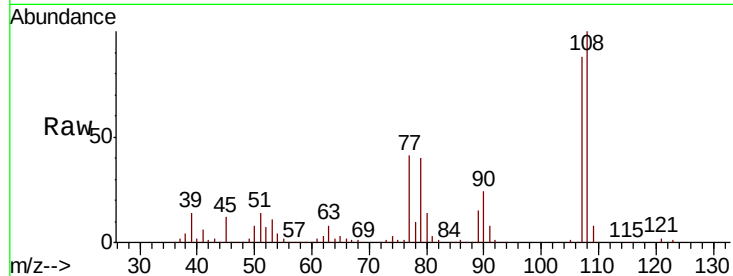




#17
2-Methylphenol
Concen: 41.231 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

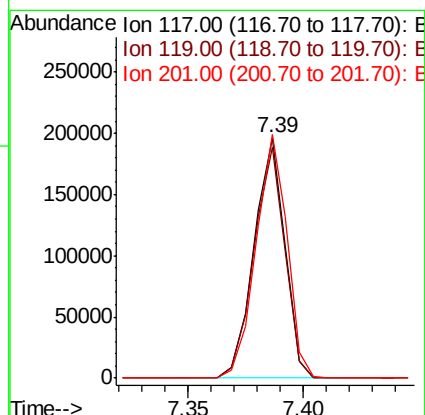
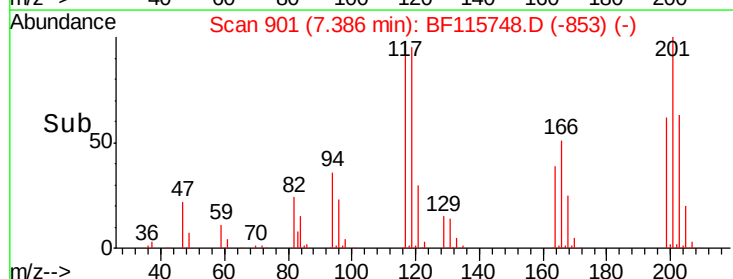
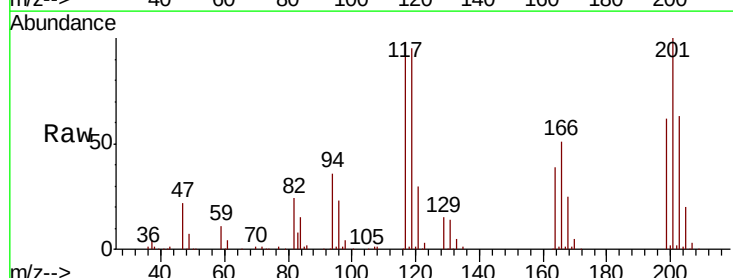
Instrument :
BNA_F
ClientSampleId :

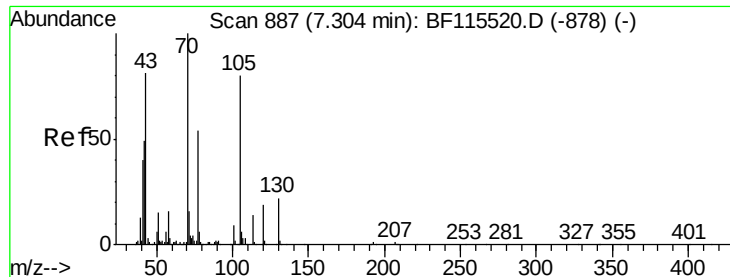
Tot Ion:107 Resp: 404766
Ion Ratio Lower Upper
107 100
108 113.5 89.4 134.2
77 46.5 35.7 53.5
79 45.7 35.0 52.4



#18
Hexachloroethane
Concen: 38.571 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion:117 Resp: 182948
Ion Ratio Lower Upper
117 100
119 96.0 77.7 116.5
201 101.5 86.0 129.0

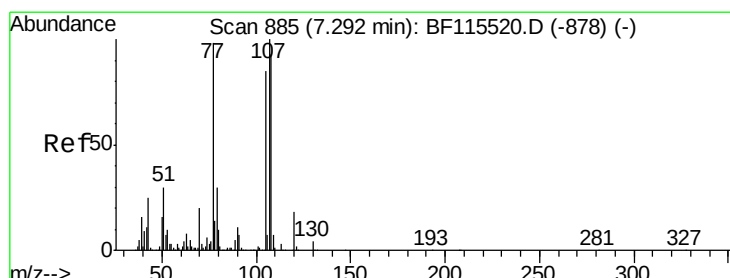
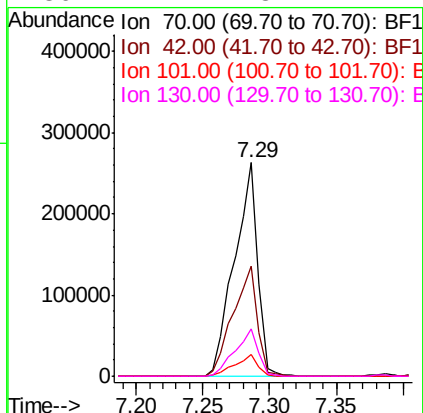
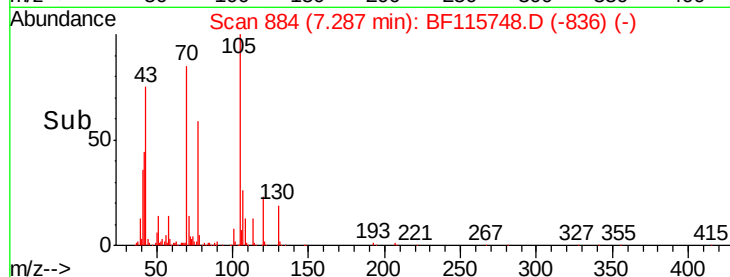
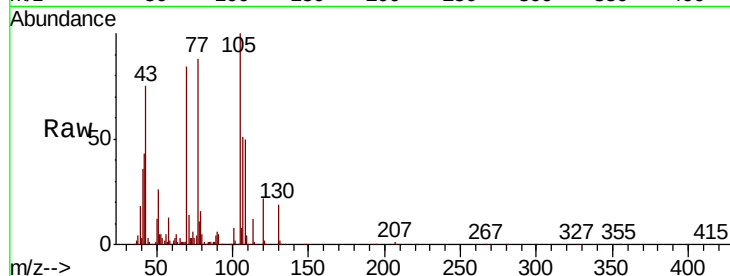




#19
n-Nitroso-di-n-propylamine
Concen: 39.290 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

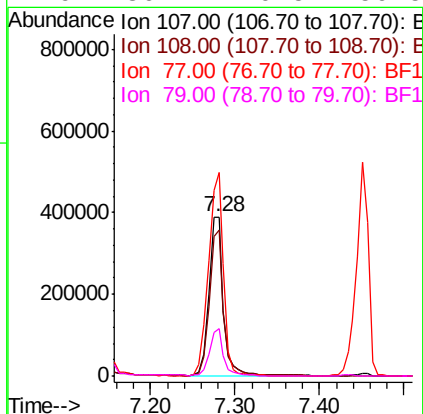
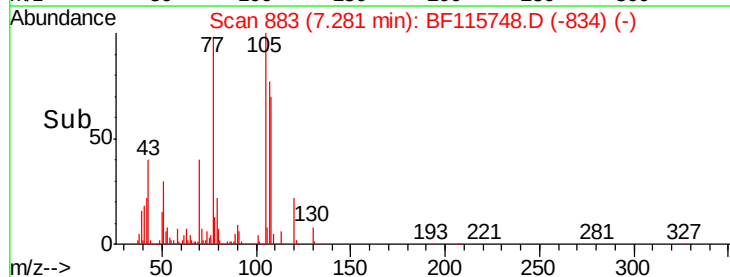
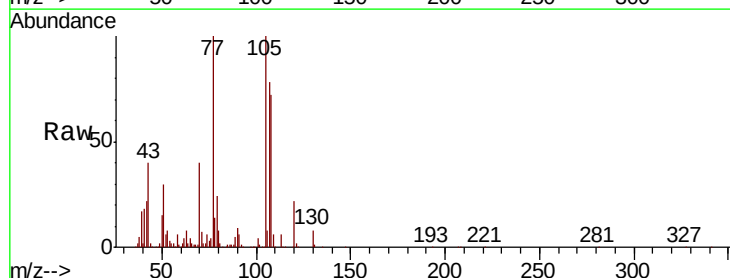
Instrument :
BNA_F
ClientSampleId :

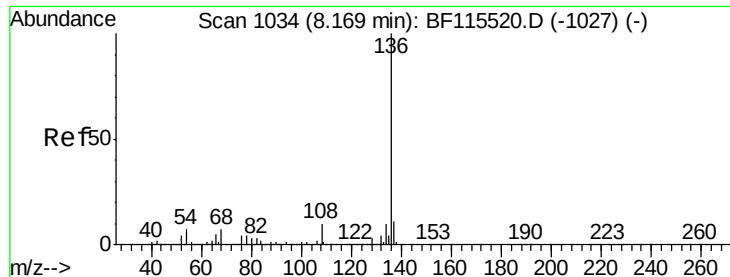
Tot Ion: 70 Resp: 322153
Ion Ratio Lower Upper
70 100
42 51.8 39.6 59.4
101 9.9 8.1 12.1
130 22.1 18.2 27.2



#20
3+4-Methylphenols
Concen: 40.280 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion: 107 Resp: 469697
Ion Ratio Lower Upper
107 100
108 91.8 72.9 112.9
77 127.6 77.6 117.6#
79 30.2 10.5 50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 663636

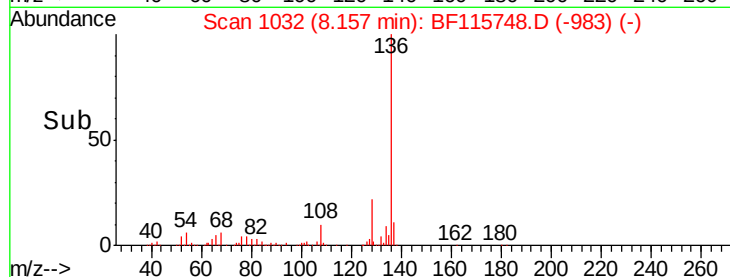
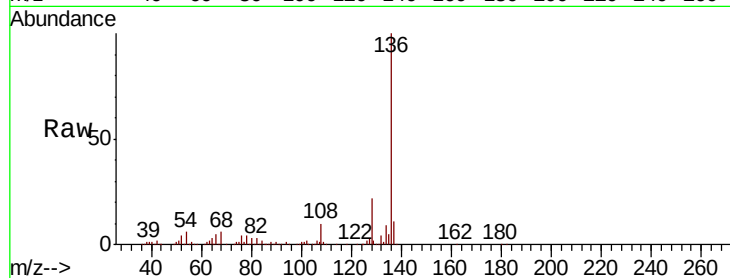
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.4 5.6 8.4

68 5.8 5.0 7.6

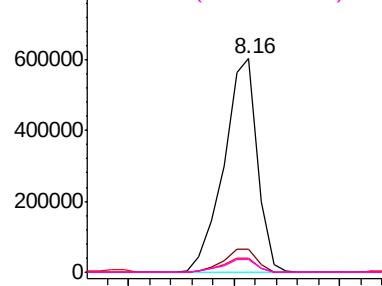


Abundance Ion 136.00 (135.70 to 136.70): E

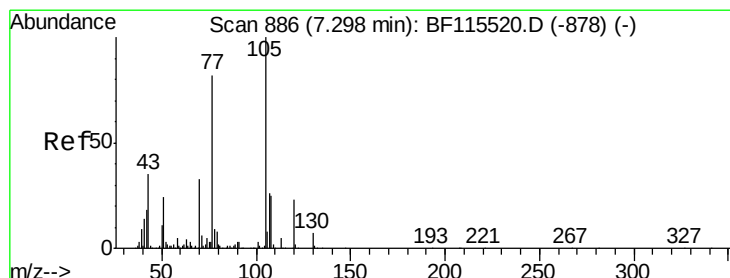
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 41.851 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Tgt Ion:105 Resp: 627454

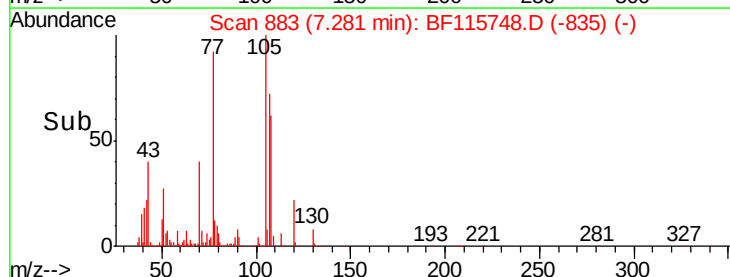
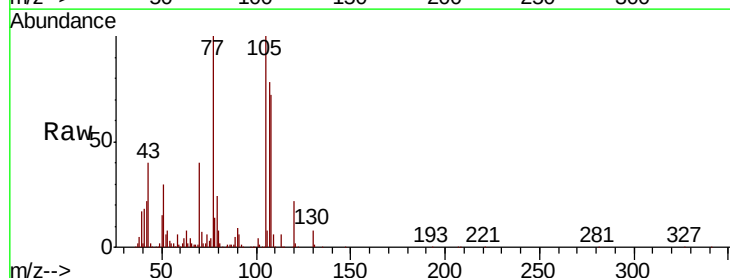
Ion Ratio Lower Upper

105 100

71 6.8 3.5 5.3#

51 30.4 25.6 38.4

120 22.1 17.9 26.9

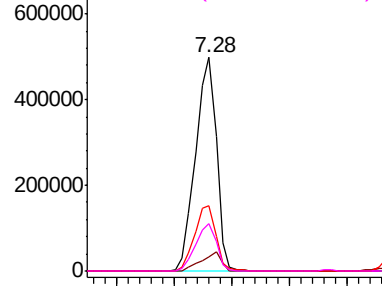


Abundance Ion 105.00 (104.70 to 105.70): E

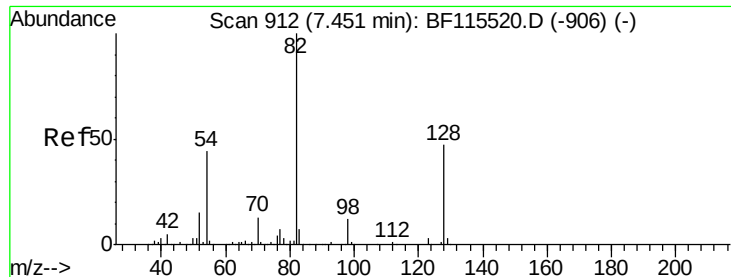
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



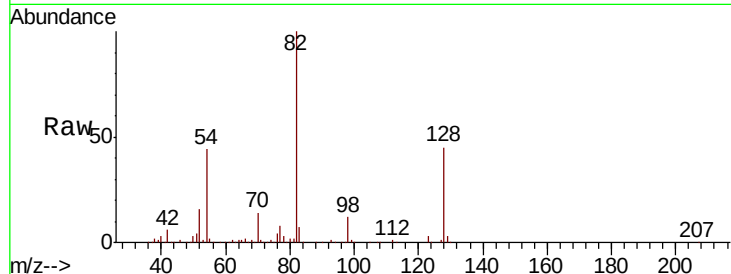
Time-->



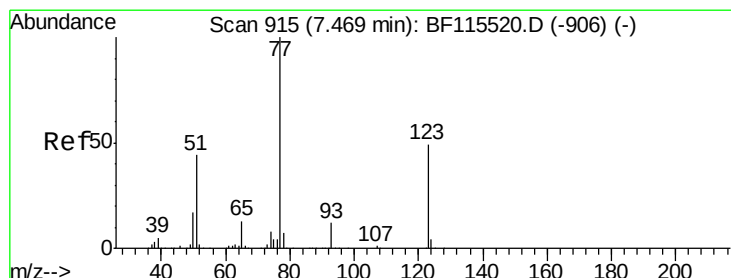
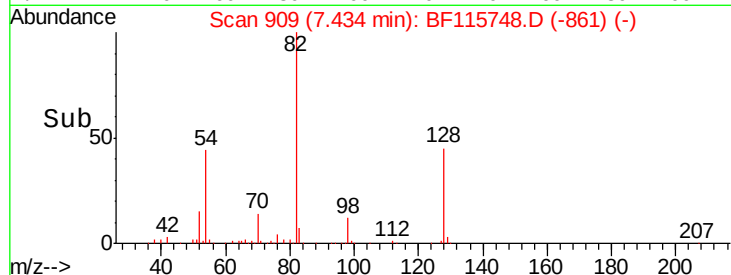
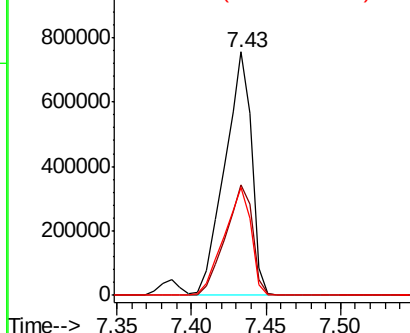
#23
 Nitrobenzene-d5
 Concen: 83.637 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF115748.D
 Acq: 24 Jul 2019 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	38.6	57.8
54	44.5	35.6	53.4

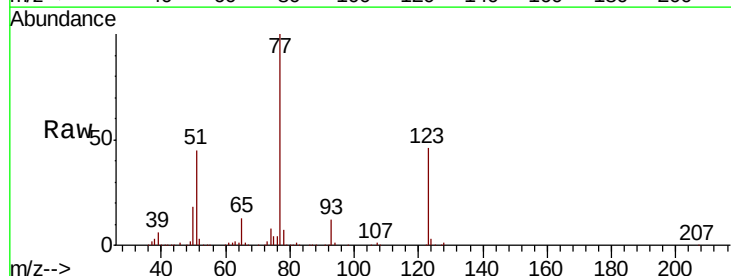


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

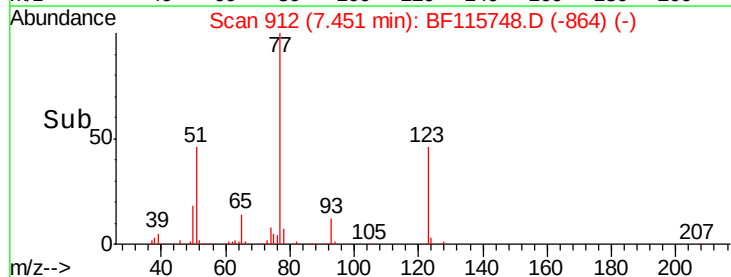
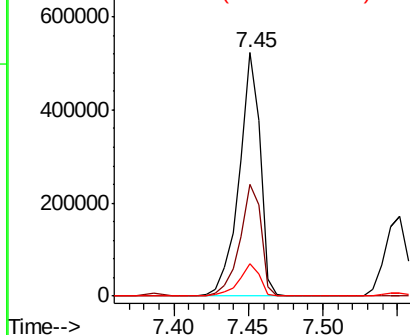


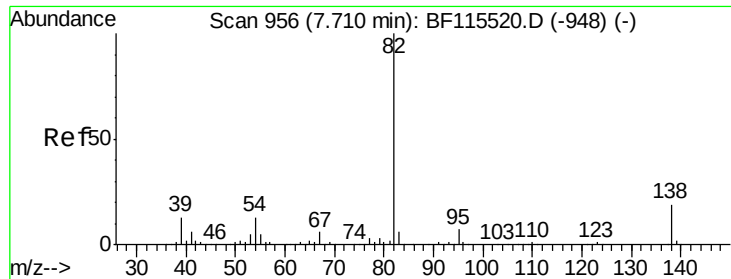
#24
 Nitrobenzene
 Concen: 41.535 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: BF115748.D
 Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.7	40.0	60.0
65	13.5	11.0	16.4



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





#25

Isophorone

Concen: 41.175 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

ClientSampleId :

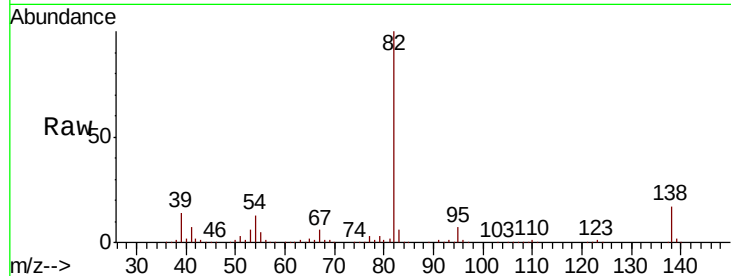
Tot Ion: 82 Resp: 940352

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

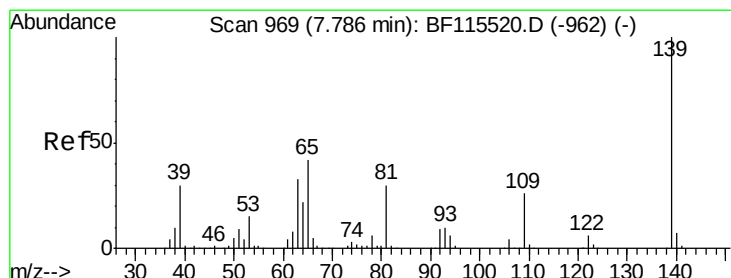
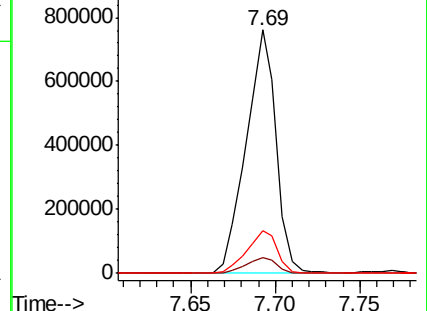
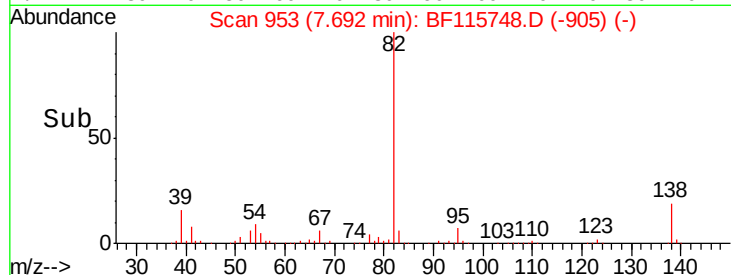
138 17.4 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.213 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

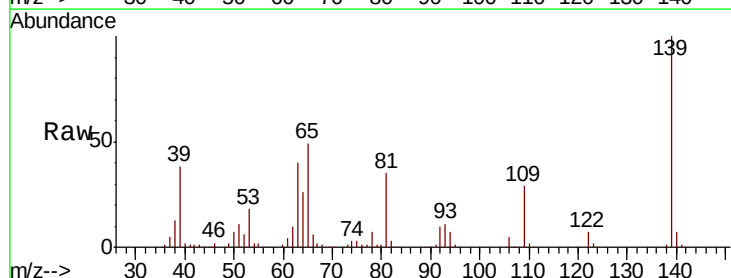
Tgt Ion: 139 Resp: 261137

Ion Ratio Lower Upper

139 100

109 29.0 23.3 34.9

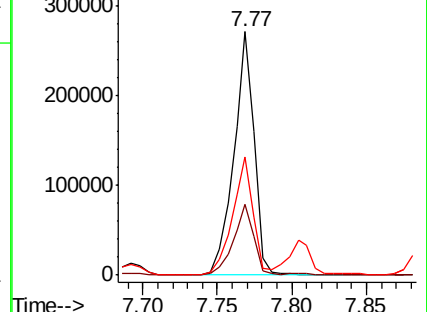
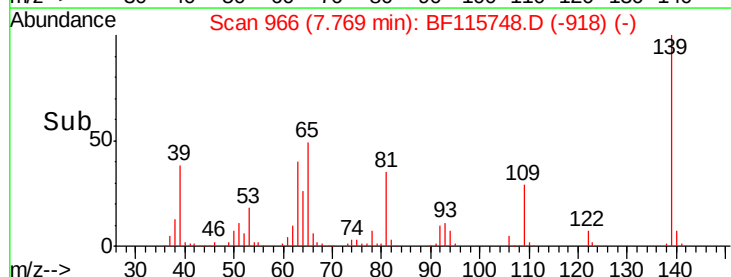
65 48.7 37.9 56.9

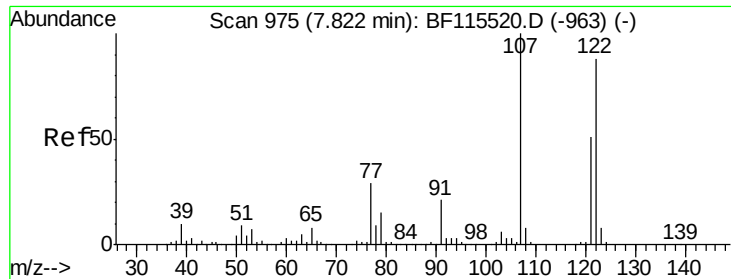


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 46.293 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

ClientSampleId :

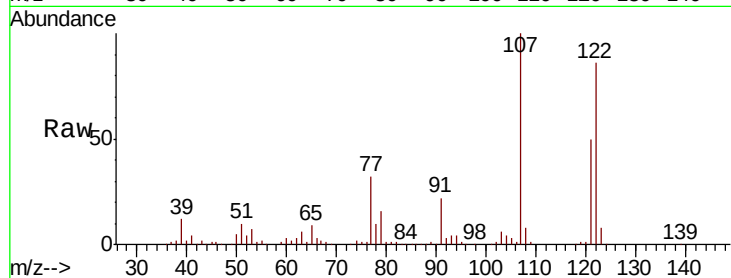
Tot Ion:122 Resp: 438878

Ion Ratio Lower Upper

122 100

107 116.5 92.9 139.3

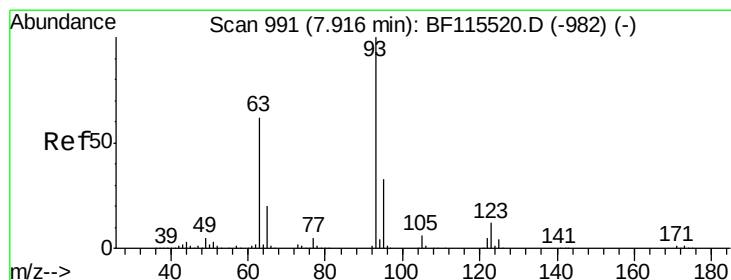
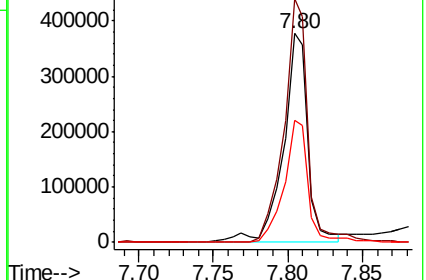
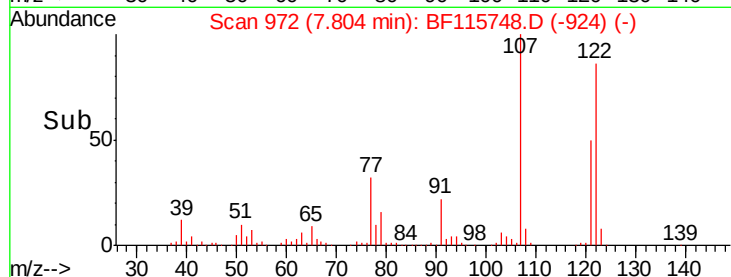
121 58.5 46.9 70.3



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: 41.555 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

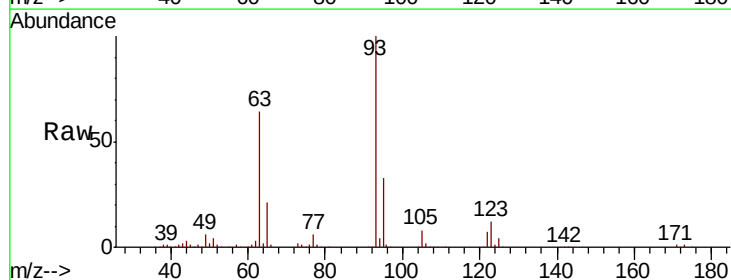
Tgt Ion: 93 Resp: 582210

Ion Ratio Lower Upper

93 100

95 33.2 27.0 40.4

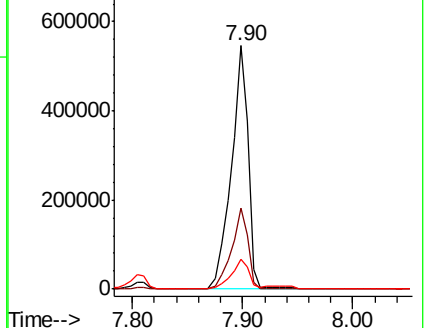
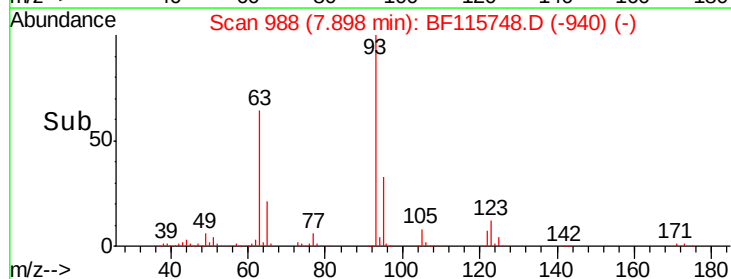
123 12.0 9.9 14.9

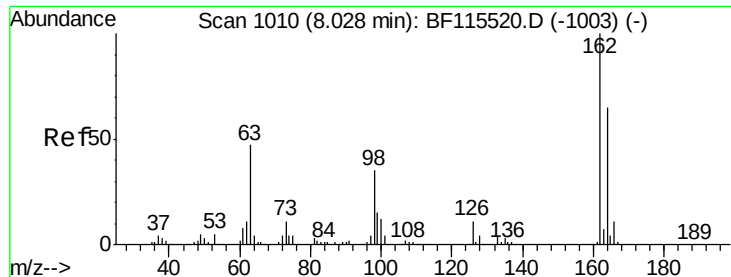


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

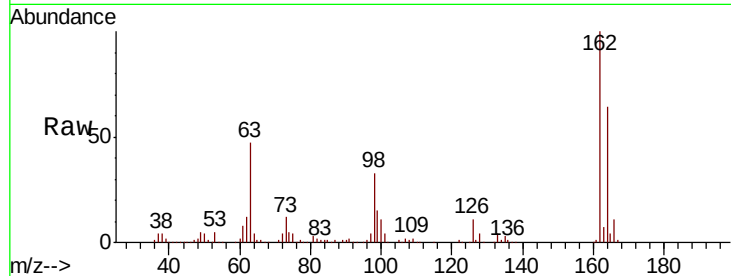




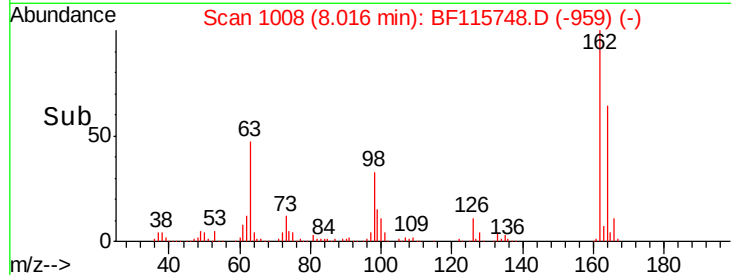
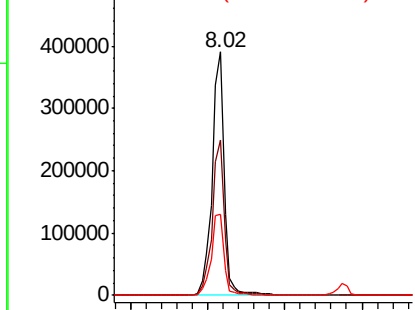
#29
2,4-Dichlorophenol
Concen: 42.340 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 417460
Ion Ratio Lower Upper
162 100
164 63.9 44.9 84.9
98 33.2 17.7 57.7

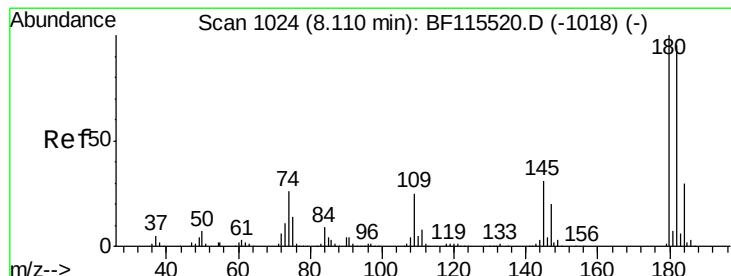


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

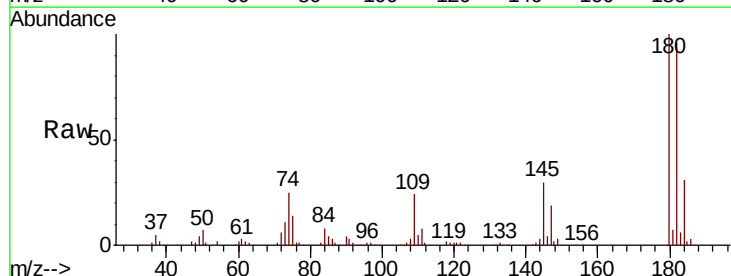
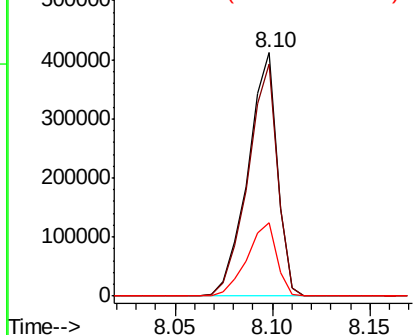


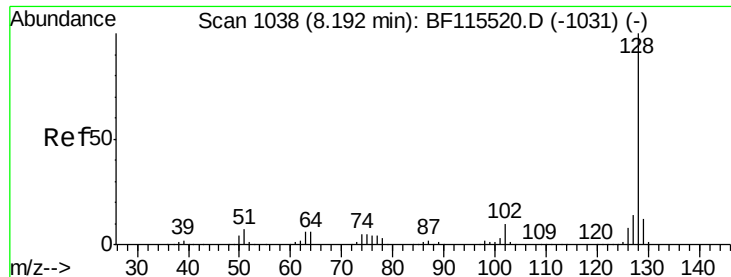
#30
1,2,4-Trichlorobenzene
Concen: 38.742 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion:180 Resp: 431778
Ion Ratio Lower Upper
180 100
182 95.6 75.0 112.6
145 30.0 25.1 37.7



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

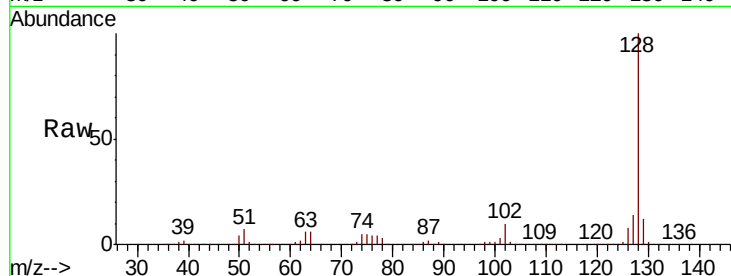




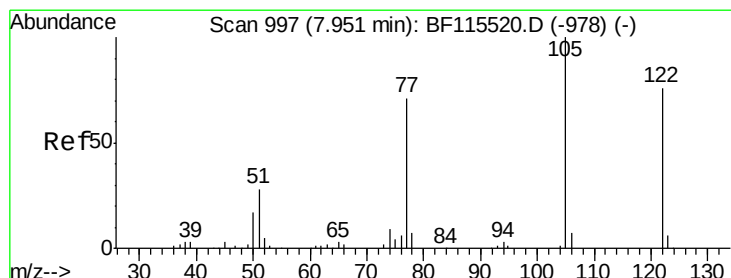
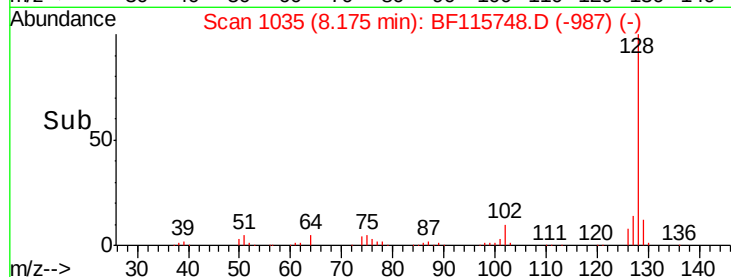
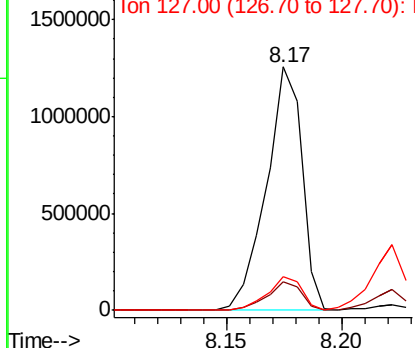
#31
Naphthalene
Concen: 41.918 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1347246
Ion Ratio Lower Upper
128 100
129 11.8 9.9 14.9
127 13.7 12.1 18.1

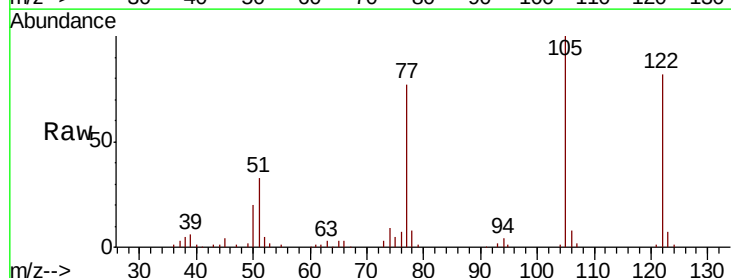


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

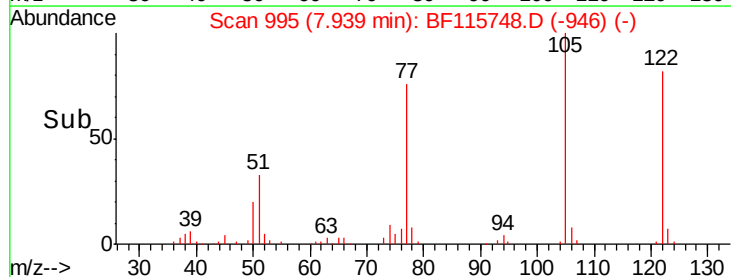
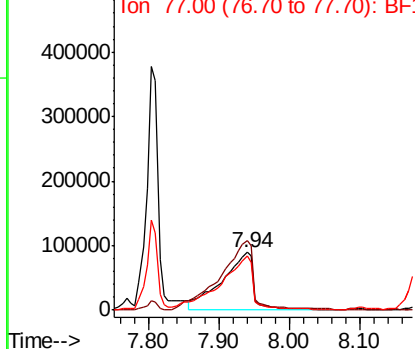


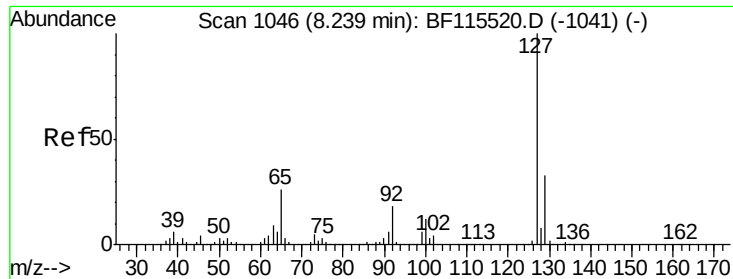
#32
Benzoic acid
Concen: 35.782 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion:122 Resp: 278394
Ion Ratio Lower Upper
122 100
105 121.3 102.5 142.5
77 93.2 70.2 110.2



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

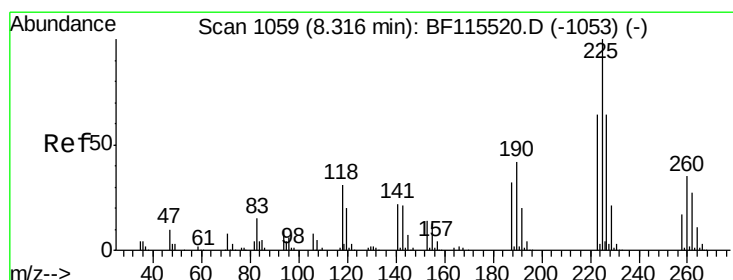
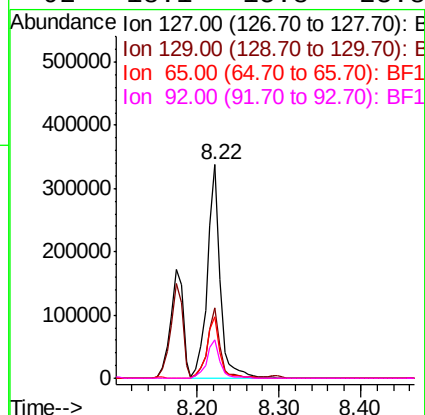
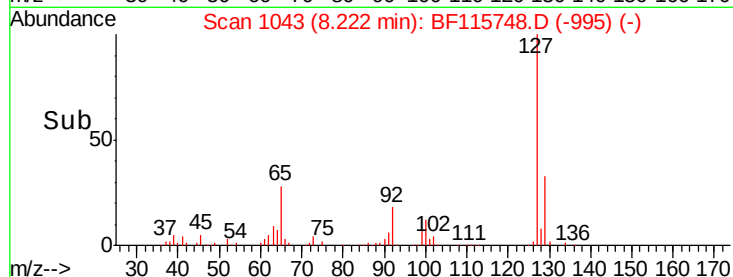
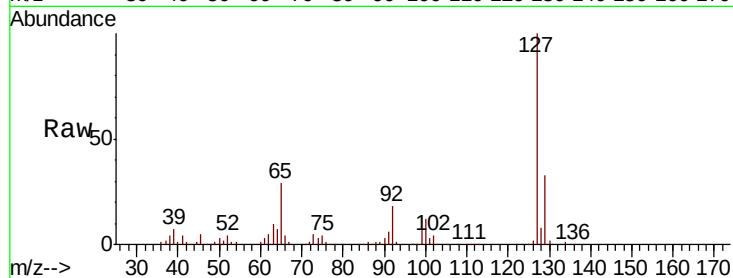




#33
4-Chloroaniline
Concen: 25.587 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

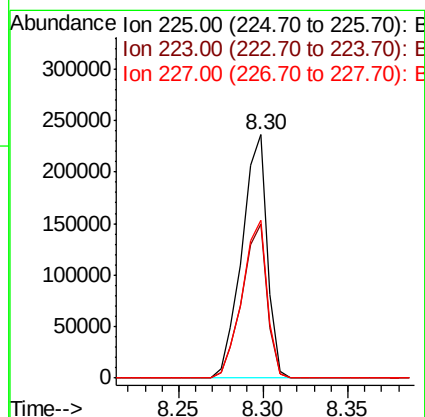
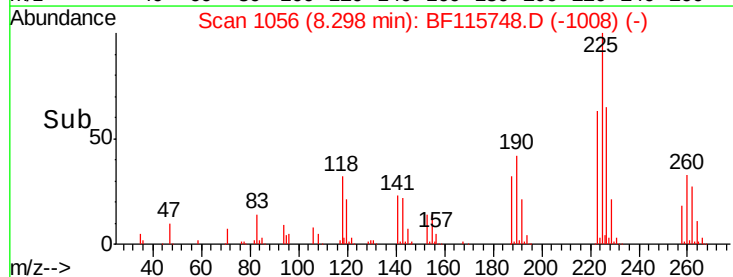
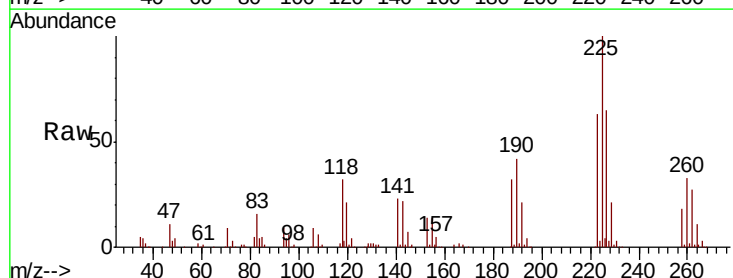
Instrument :
BNA_F
ClientSampleId :

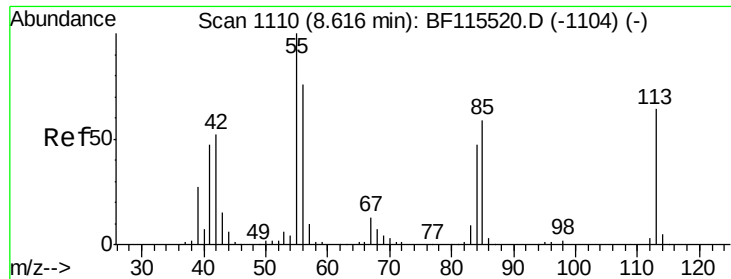
Tot Ion:127	Resp:	364262
Ion	Ratio	Lower Upper
127	100	
129	32.8	26.6 39.8
65	29.0	23.7 35.5
92	18.1	15.8 23.8



#34
Hexachlorobutadiene
Concen: 38.652 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion:225	Resp:	247031
Ion	Ratio	Lower Upper
225	100	
223	63.2	50.9 76.3
227	65.0	50.7 76.1

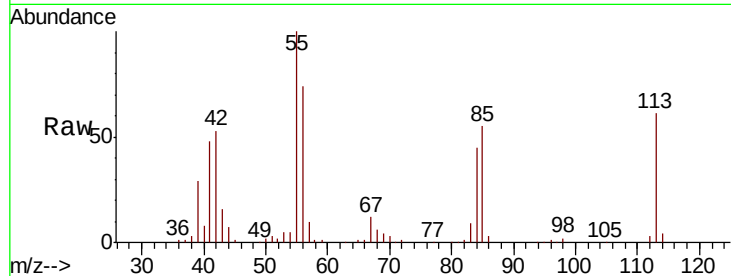




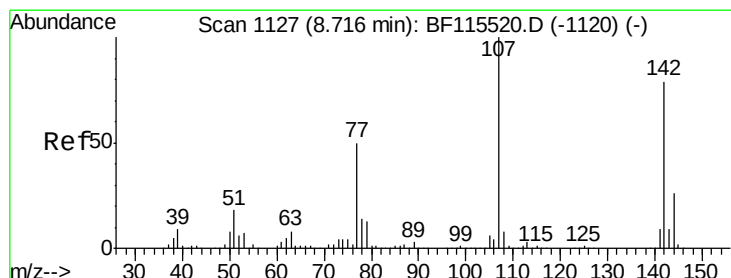
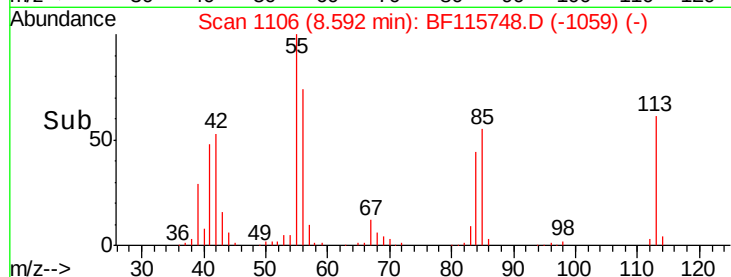
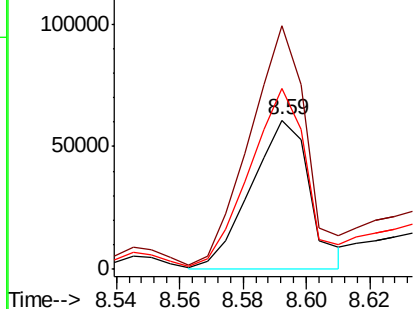
#35
 Caprolactam
 Concen: 25.632 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.02 min
 Lab File: BF115748.D
 Acq: 24 Jul 2019 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 78096
 Ion Ratio Lower Upper
 113 100
 55 163.4 126.9 166.9
 56 121.4 90.3 130.3

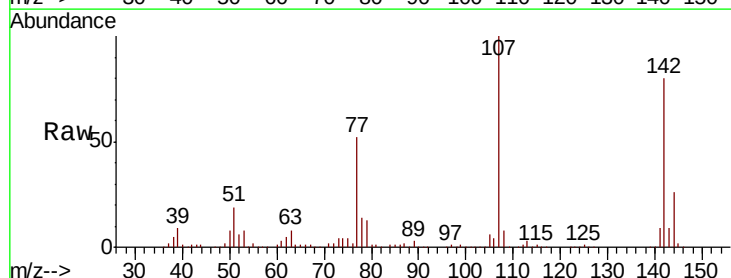


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

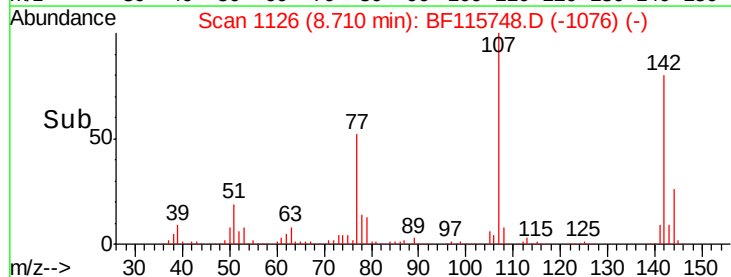
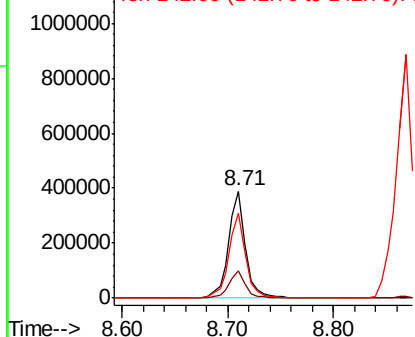


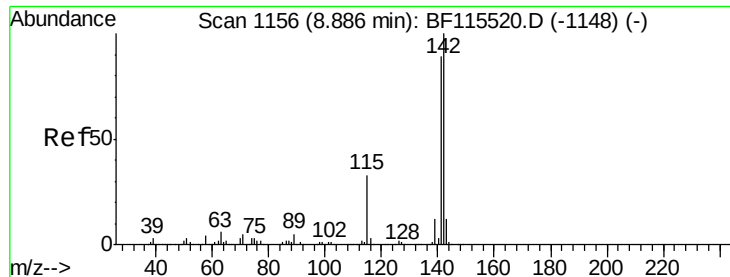
#36
 4-Chloro-3-methylphenol
 Concen: 41.920 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF115748.D
 Acq: 24 Jul 2019 14:14

Tgt Ion:107 Resp: 428734
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.6 30.8
 142 79.5 63.1 94.7



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

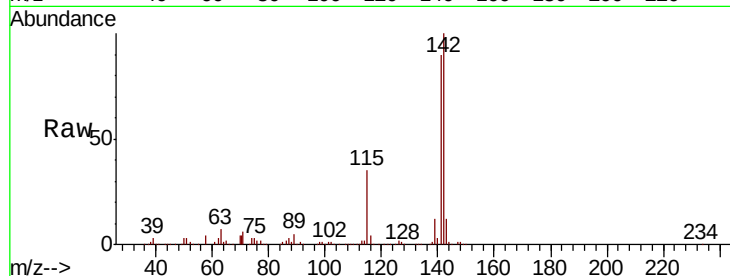




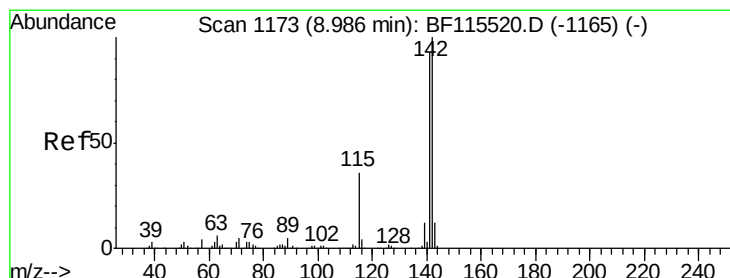
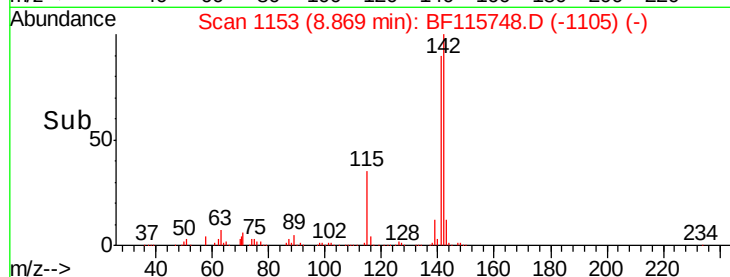
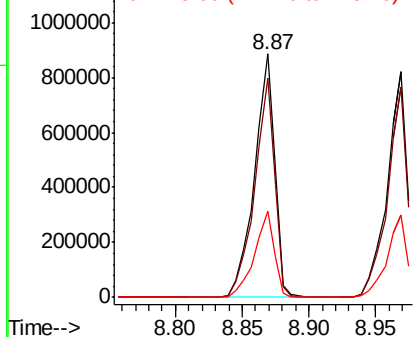
#37
2-Methylnaphthalene
Concen: 42.935 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 914710
Ion Ratio Lower Upper
142 100
141 90.0 72.0 108.0
115 35.3 29.9 44.9

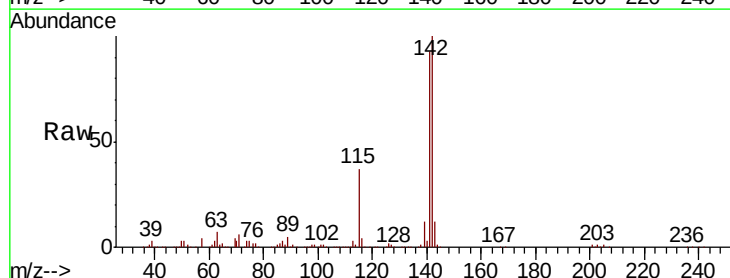


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

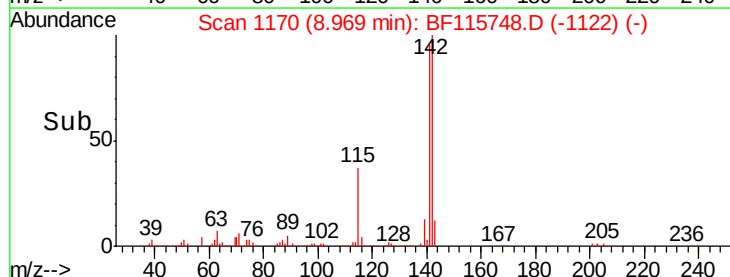
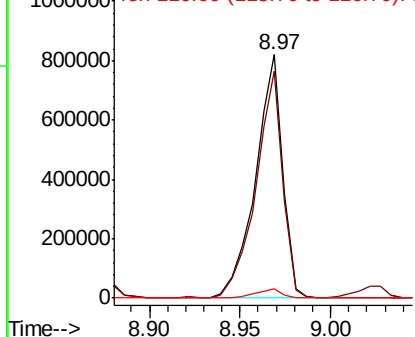


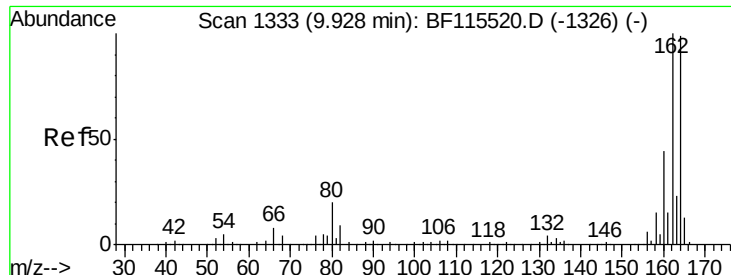
#38
1-Methylnaphthalene
Concen: 41.997 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion:142 Resp: 849862
Ion Ratio Lower Upper
142 100
141 93.4 75.3 112.9
116 3.9 3.3 4.9



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

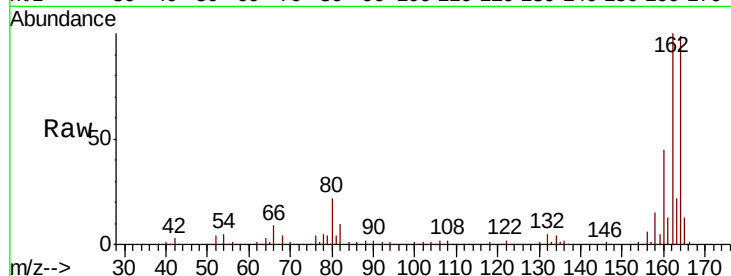




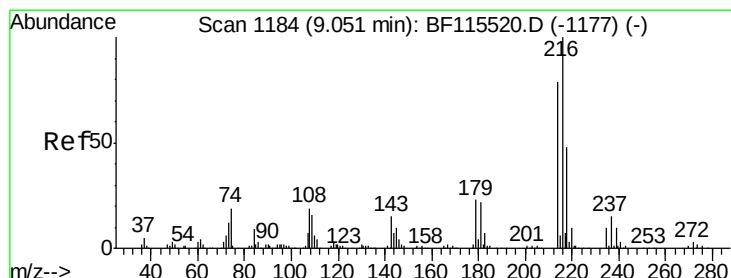
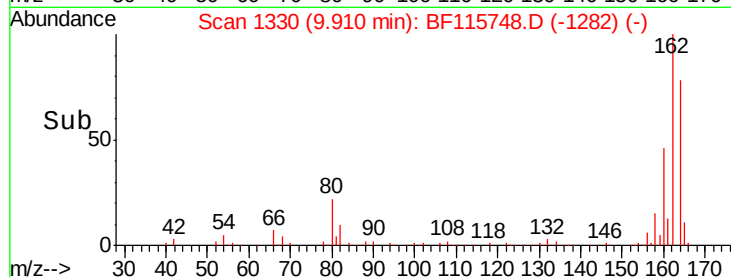
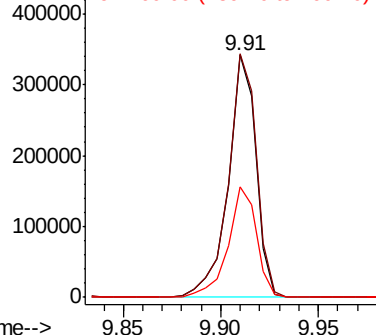
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 336507
Ion Ratio Lower Upper
164 100
162 100.7 82.9 124.3
160 45.8 36.8 55.2

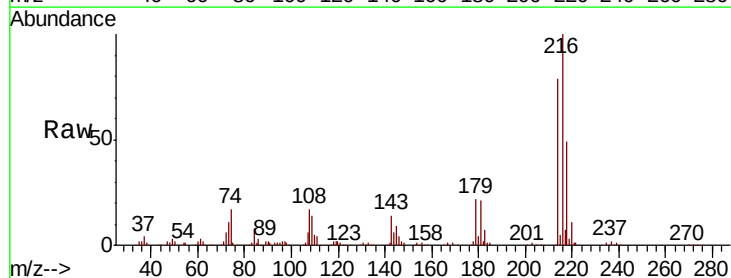


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

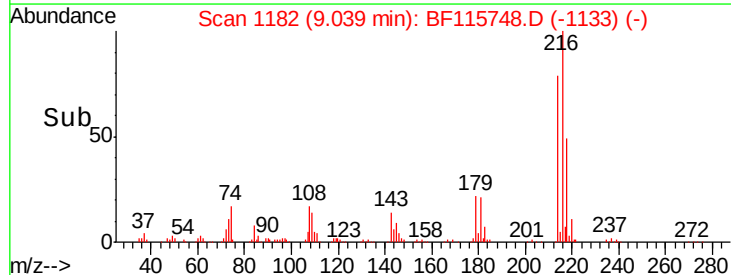
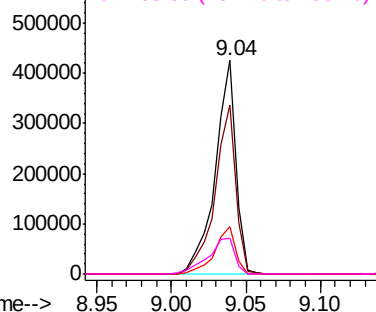


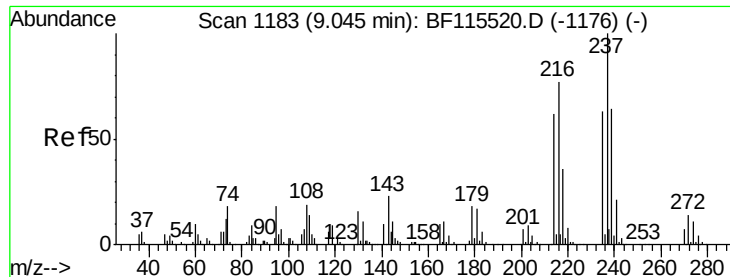
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.326 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion:216 Resp: 408643
Ion Ratio Lower Upper
216 100
214 79.4 65.1 97.7
179 22.1 18.3 27.5
108 21.6 15.7 23.5



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

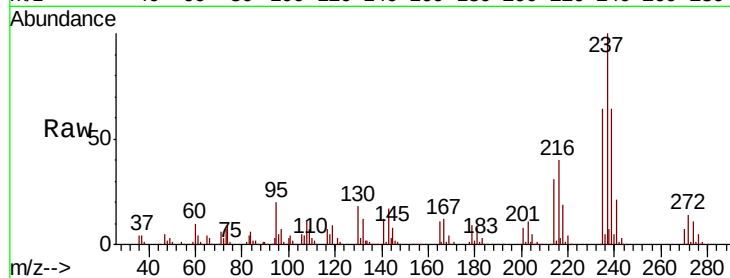




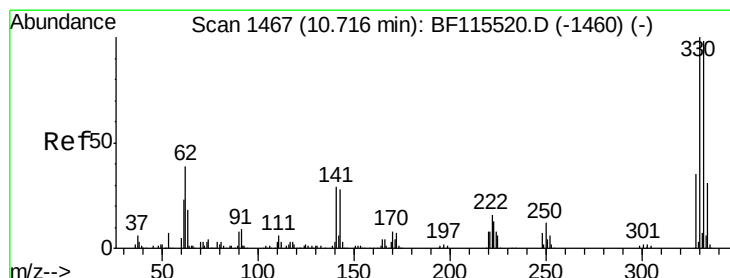
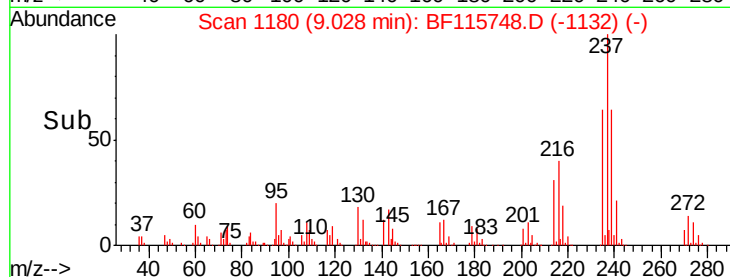
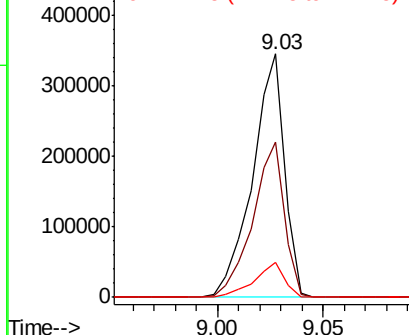
#41
Hexachlorocyclopentadiene
Concen: 62.743 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 362684
Ion Ratio Lower Upper
237 100
235 63.8 43.6 83.6
272 14.2 0.0 33.9

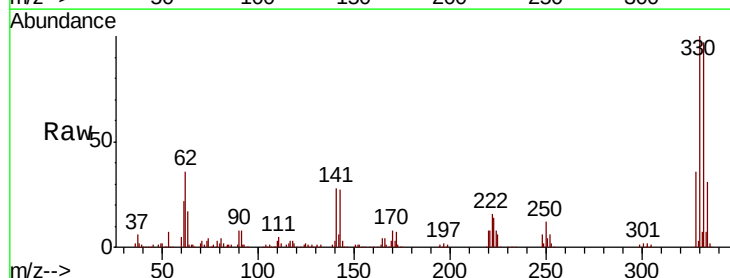


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

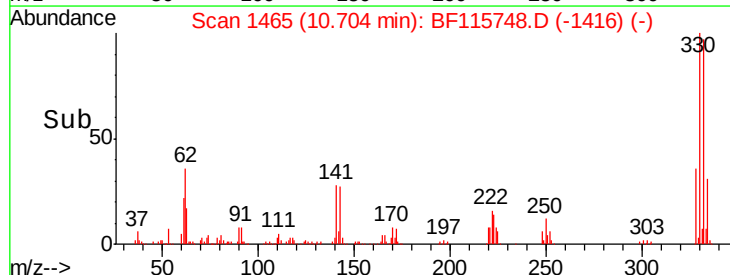
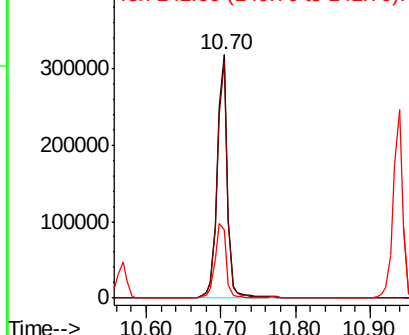


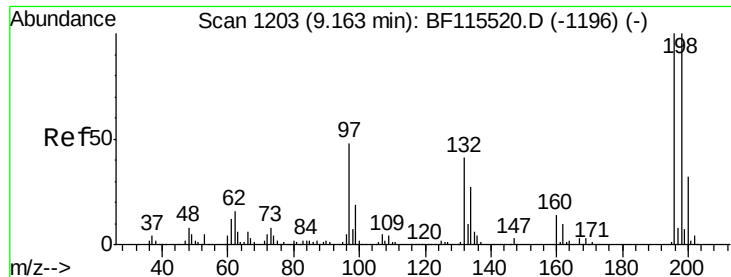
#42
2,4,6-Tribromophenol
Concen: 77.032 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion:330 Resp: 302569
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 33.4 22.4 33.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

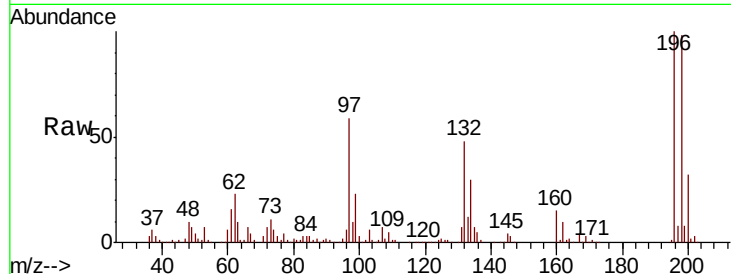




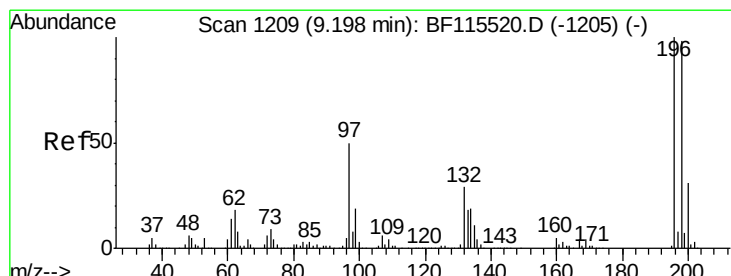
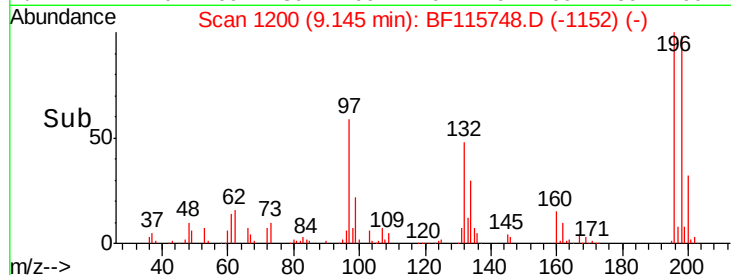
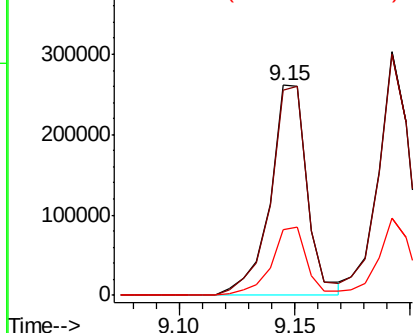
#43
 2,4,6-Trichlorophenol
 Concen: 38.976 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF115748.D
 Acq: 24 Jul 2019 14:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 288834
 Ion Ratio Lower Upper
 196 100
 198 97.7 80.6 121.0
 200 31.6 25.8 38.6



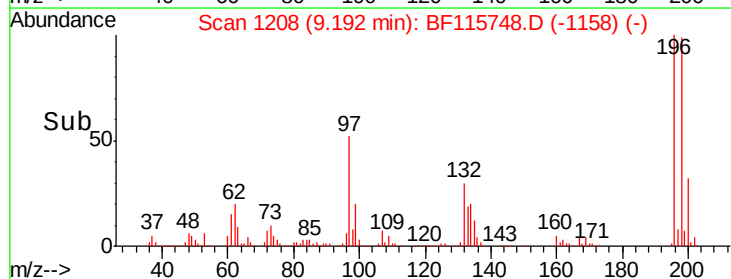
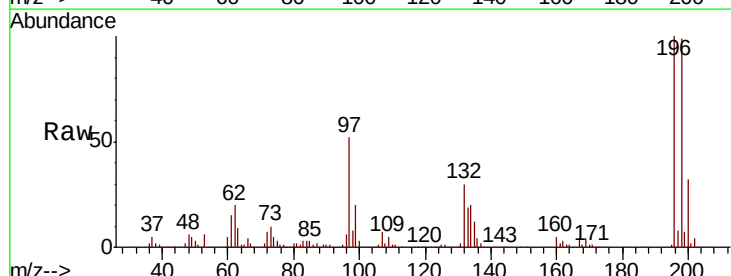
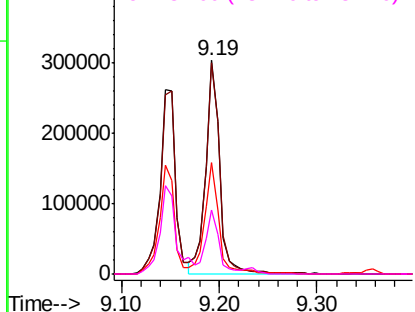
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

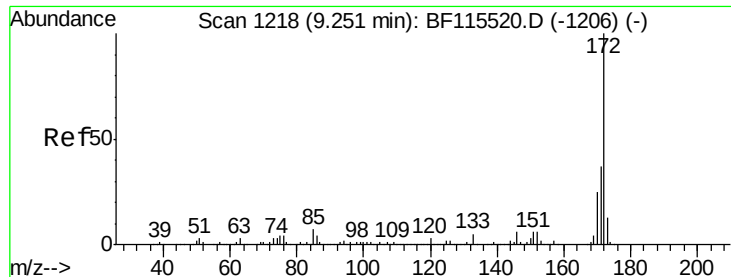


#44
 2,4,5-Trichlorophenol
 Concen: 39.743 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF115748.D
 Acq: 24 Jul 2019 14:14

Tgt Ion:196 Resp: 301614
 Ion Ratio Lower Upper
 196 100
 198 99.0 79.6 119.4
 97 51.9 37.8 56.6
 132 29.8 22.8 34.2

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

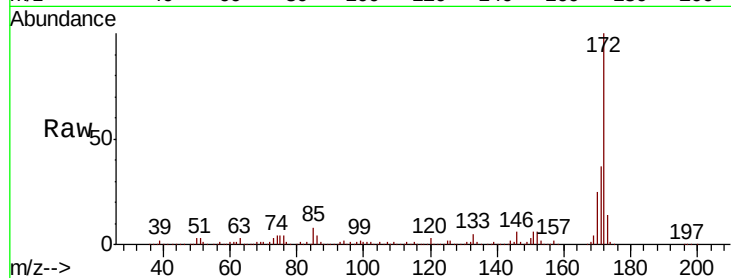




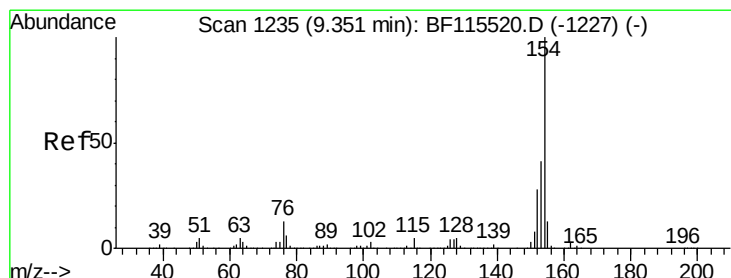
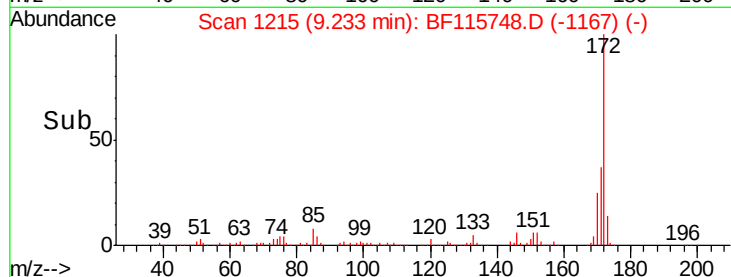
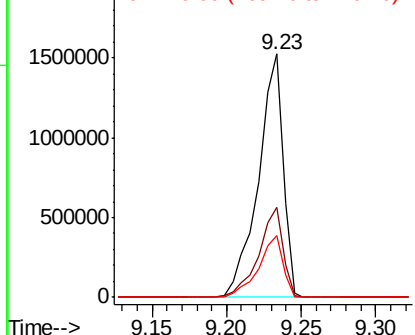
#45
2-Fluorobiphenyl
Concen: 90.805 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1745804
Ion Ratio Lower Upper
172 100
171 37.0 30.6 46.0
170 25.2 20.5 30.7

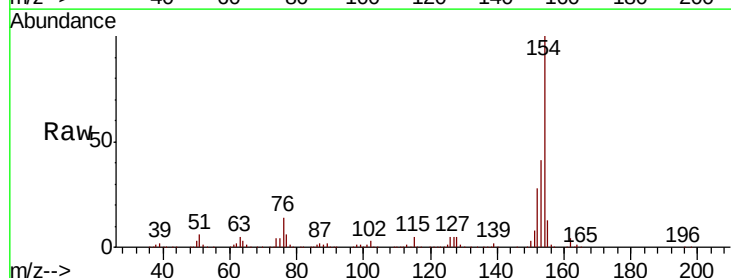


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

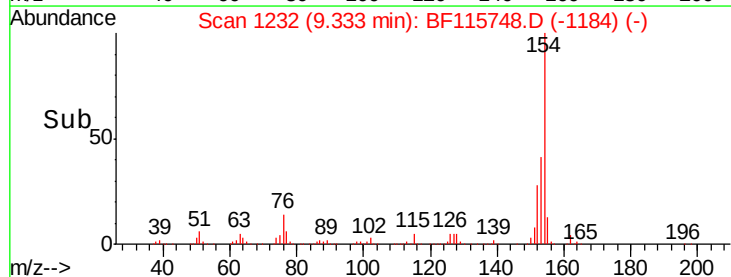
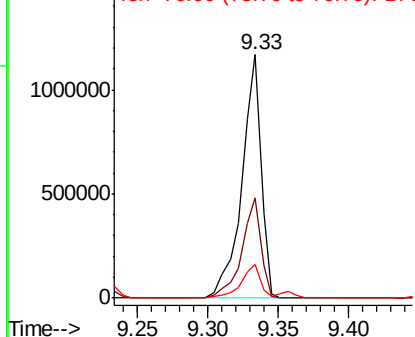


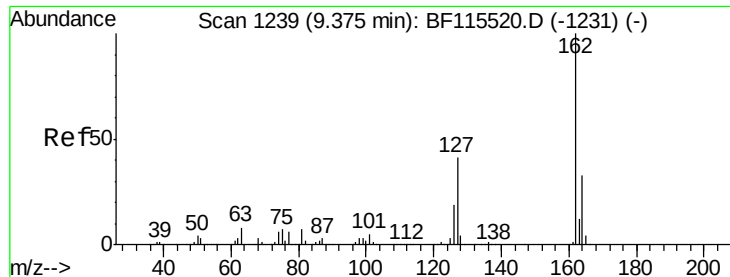
#46
1,1'-Biphenyl
Concen: 42.198 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion:154 Resp: 1110123
Ion Ratio Lower Upper
154 100
153 41.4 22.6 62.6
76 13.7 0.0 33.4



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

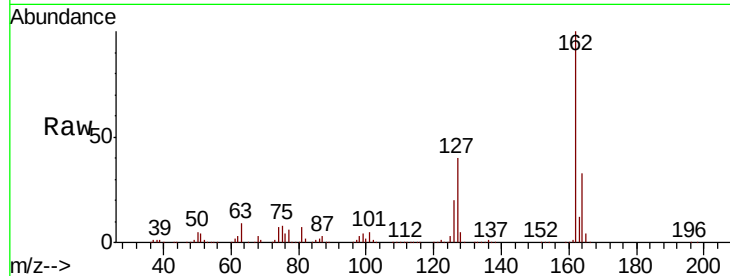




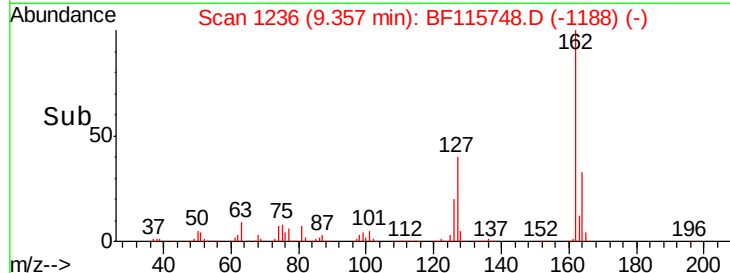
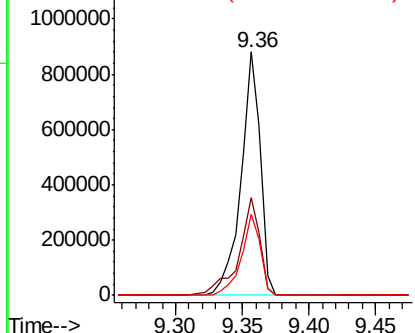
#47
 2-Chloronaphthalene
 Concen: 40.087 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.02 min
 Lab File: BF115748.D
 Acq: 24 Jul 2019 14:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 162 Resp: 878106
 Ion Ratio Lower Upper
 162 100
 127 40.0 34.1 51.1
 164 33.4 27.4 41.2

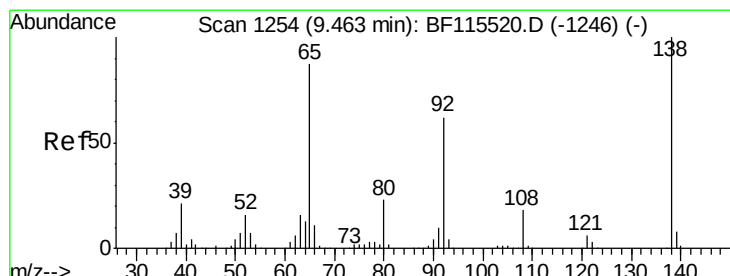


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

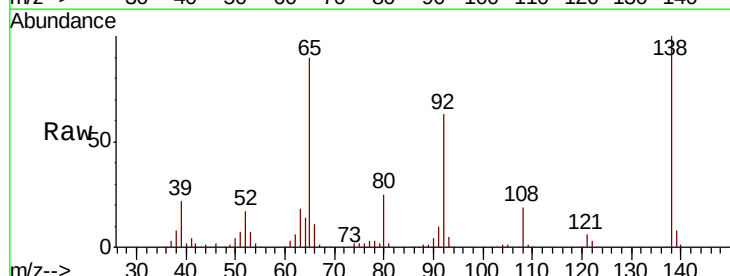
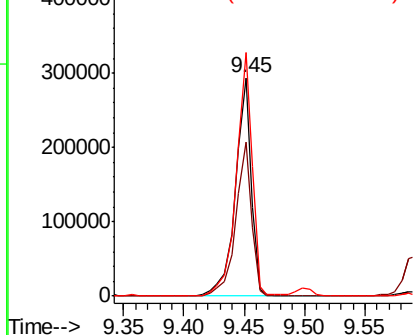


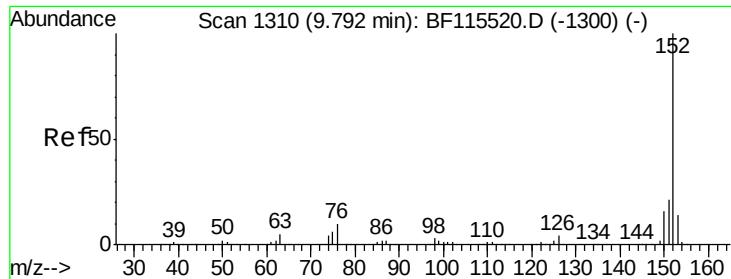
#48
 2-Nitroaniline
 Concen: 39.897 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF115748.D
 Acq: 24 Jul 2019 14:14

Tgt Ion: 65 Resp: 270498
 Ion Ratio Lower Upper
 65 100
 92 70.8 57.8 86.6
 138 111.6 91.2 136.8



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: 40.923 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

ClientSampleId :

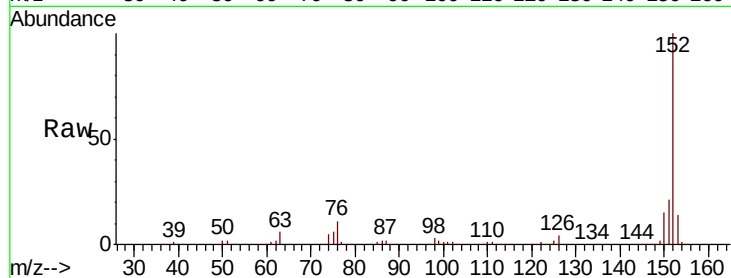
Tot Ion:152 Resp: 1328299

Ion Ratio Lower Upper

152 100

151 20.9 17.7 26.5

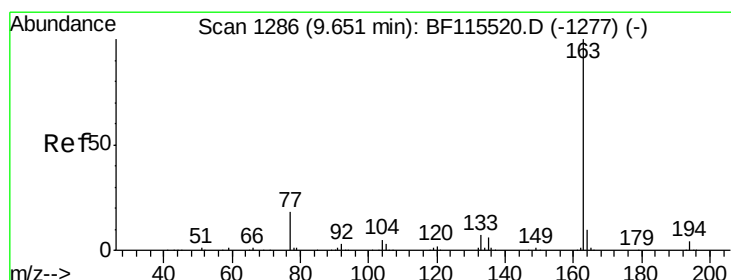
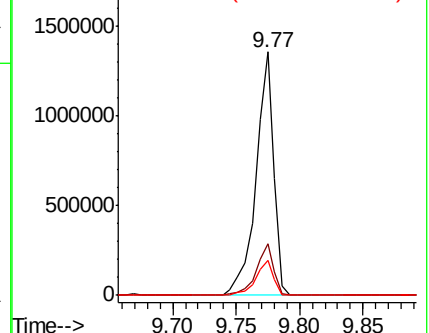
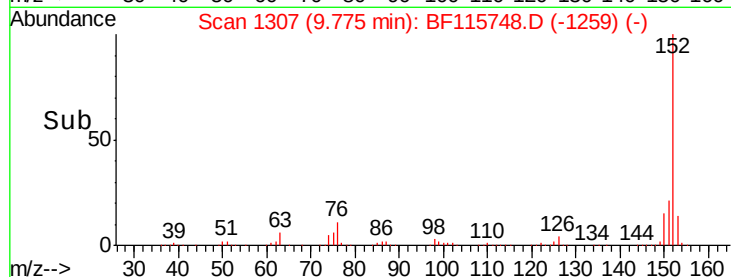
153 14.2 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.530 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

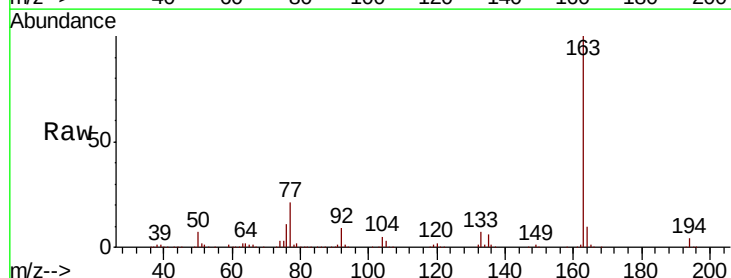
Tgt Ion:163 Resp: 1026129

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

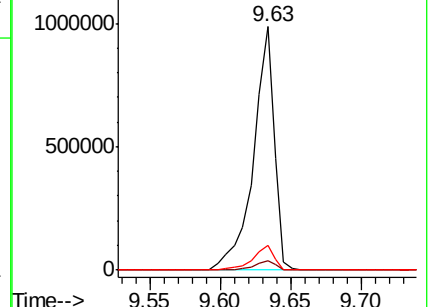
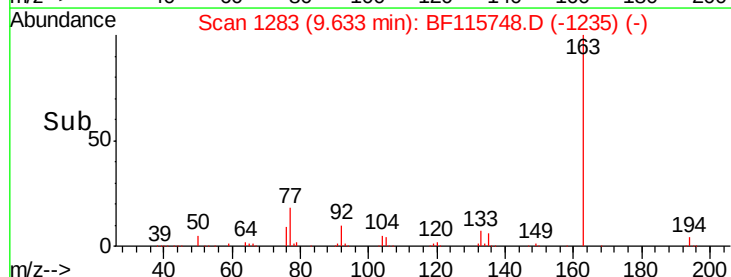
164 10.3 8.7 13.1

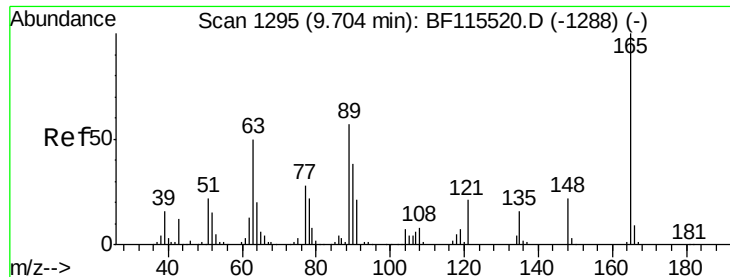


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.976 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampled :

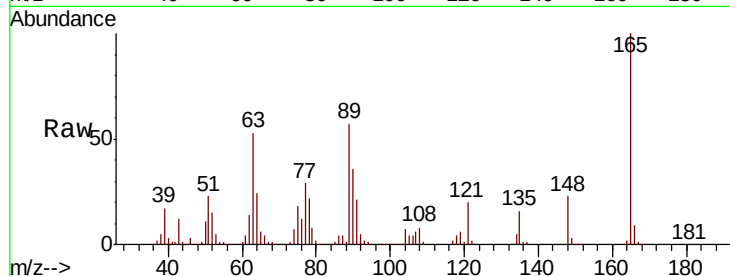
Tot Ion:165 Resp: 230006

Ion Ratio Lower Upper

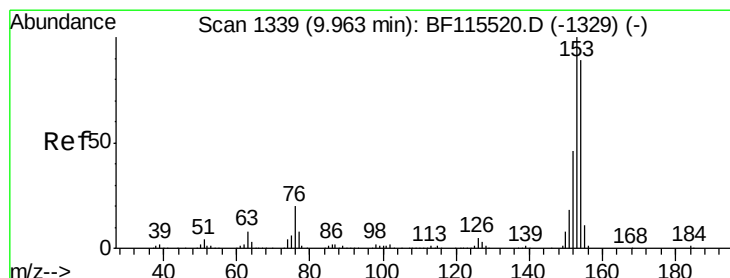
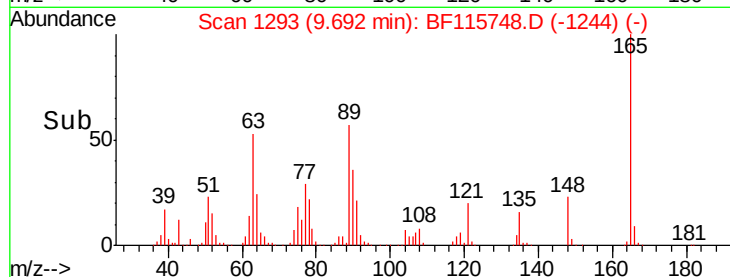
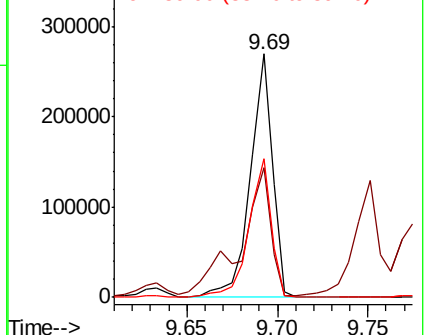
165 100

63 53.1 40.6 61.0

89 56.7 43.9 65.9



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



#52

Acenaphthene

Concen: 38.527 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

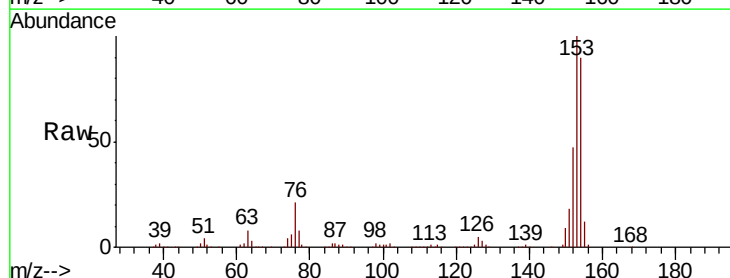
Tgt Ion:154 Resp: 807354

Ion Ratio Lower Upper

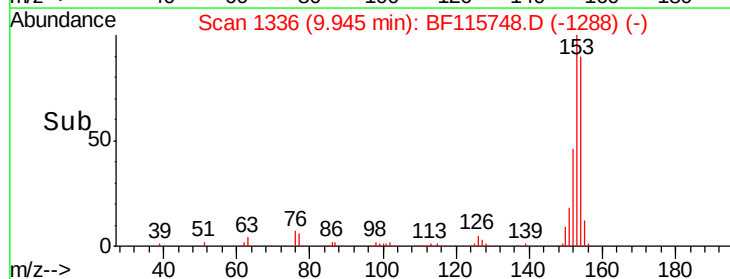
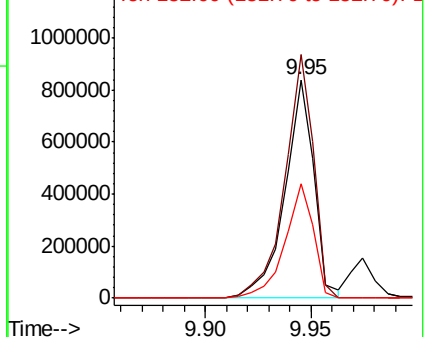
154 100

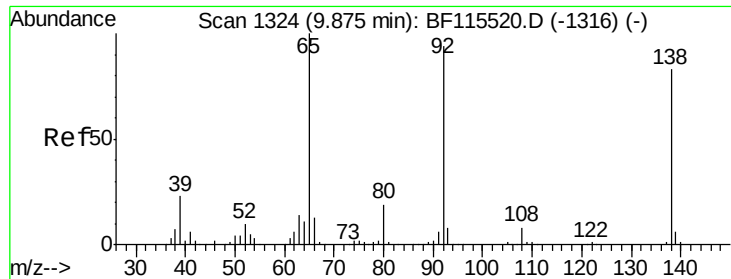
153 111.6 88.6 133.0

152 52.3 42.3 63.5



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

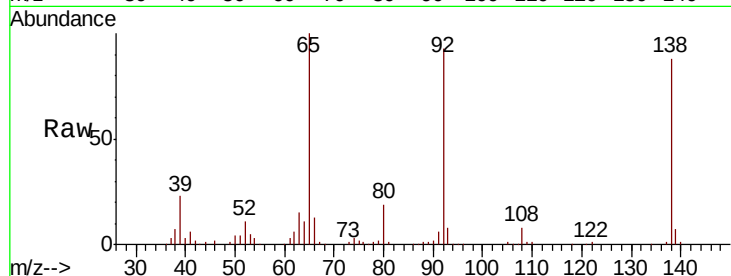




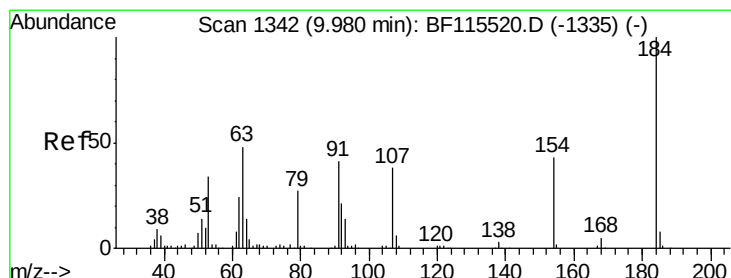
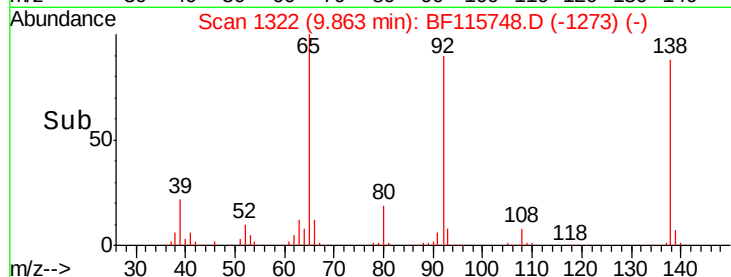
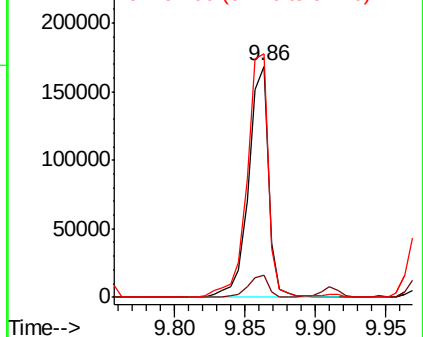
#53
3-Nitroaniline
Concen: 25.621 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 168456
Ion Ratio Lower Upper
138 100
108 9.6 8.4 12.6
92 105.4 88.0 132.0

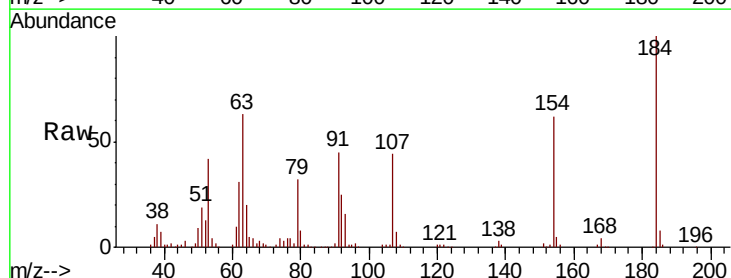


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

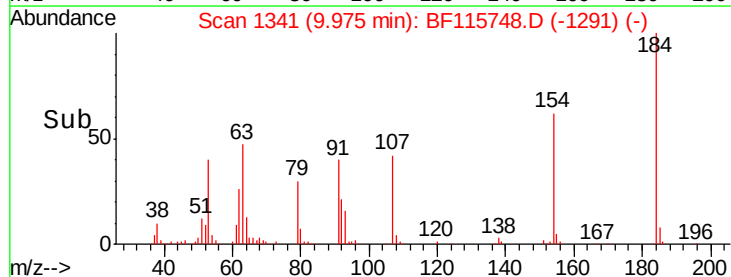
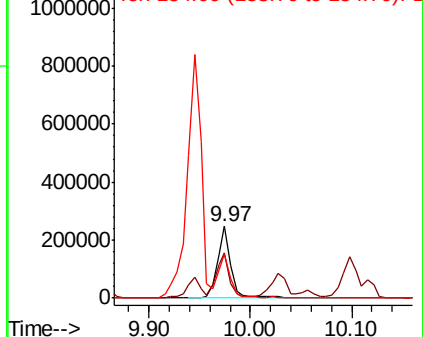


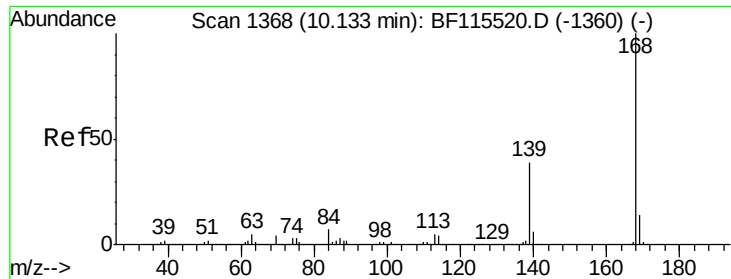
#54
2,4-Dinitrophenol
Concen: 77.261 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion:184 Resp: 228231
Ion Ratio Lower Upper
184 100
63 62.5 48.7 73.1
154 61.6 48.6 73.0



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

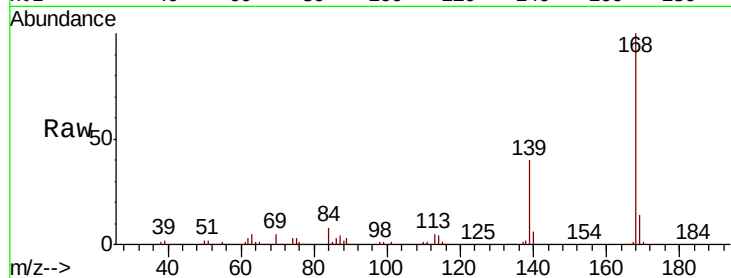




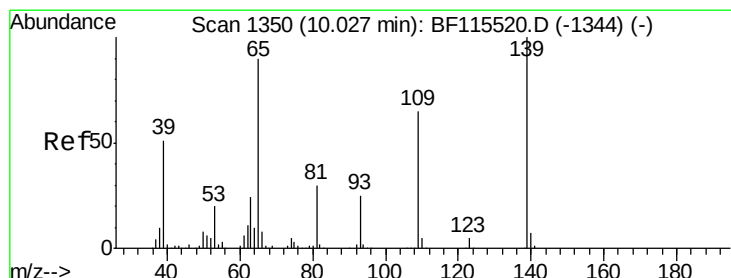
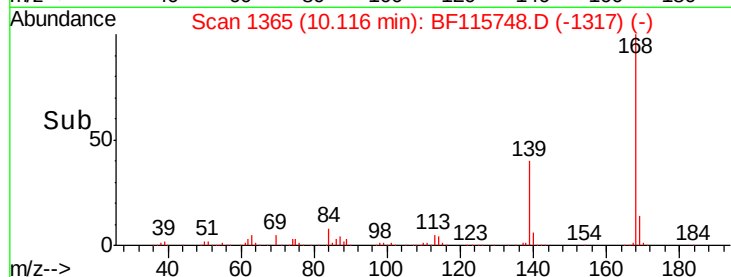
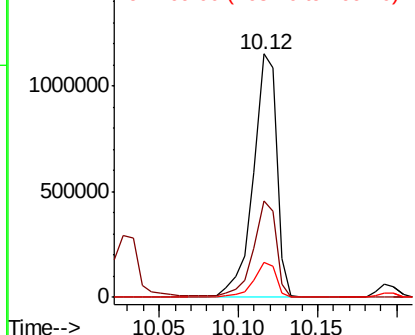
#55
Dibenzofuran
Concen: 39.987 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1189976
Ion Ratio Lower Upper
168 100
139 39.8 31.1 46.7
169 14.4 11.1 16.7

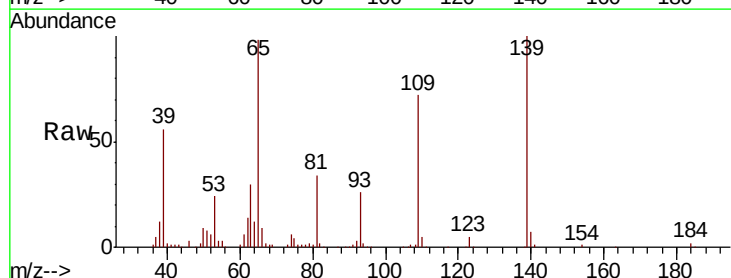


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

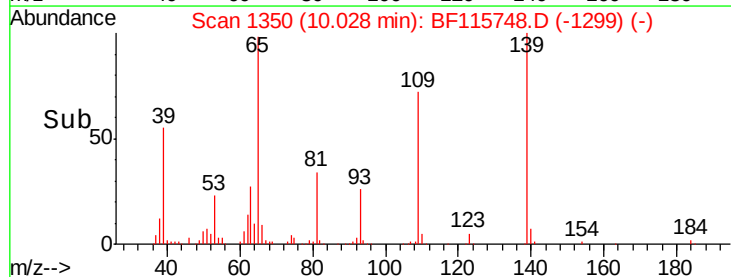
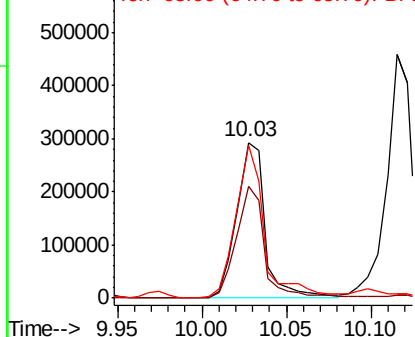


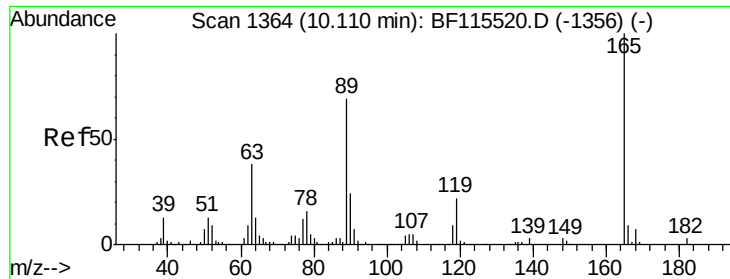
#56
4-Nitrophenol
Concen: 69.084 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion:139 Resp: 346373
Ion Ratio Lower Upper
139 100
109 72.0 46.4 86.4
65 97.8 68.9 108.9



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

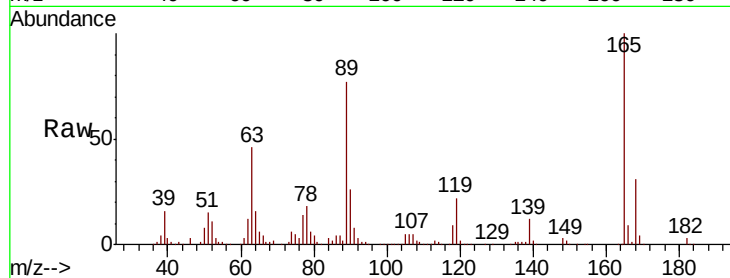




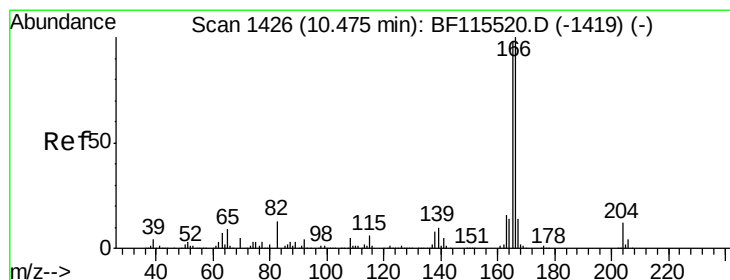
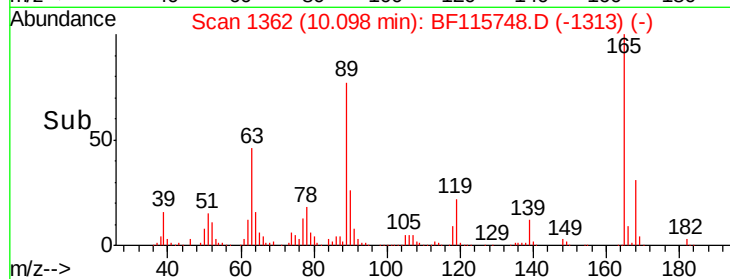
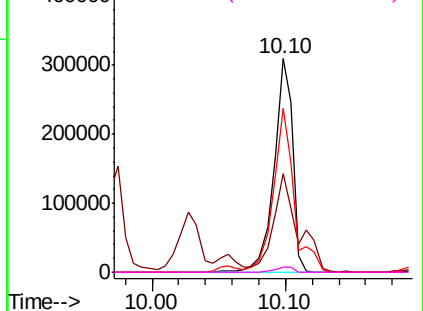
#57
2,4-Dinitrotoluene
Concen: 40.594 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.2	34.9	52.3
89	76.8	57.5	86.3
182	2.6	2.2	3.4

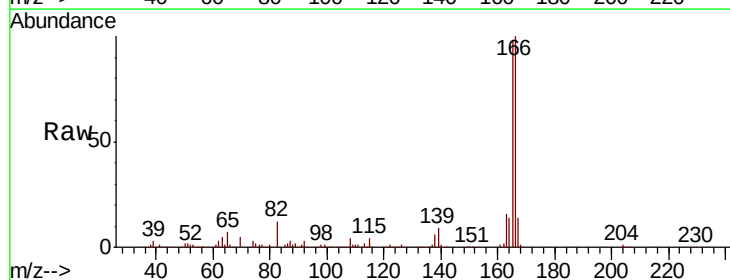


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

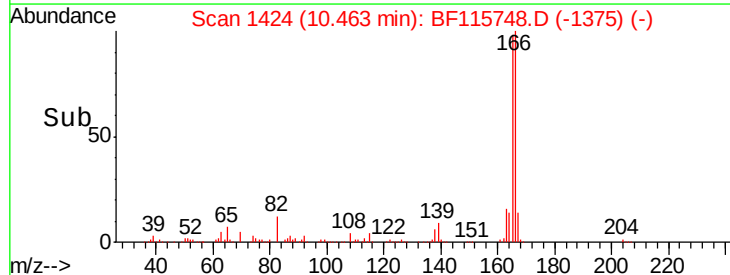
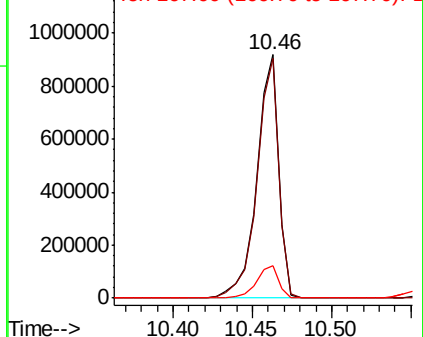


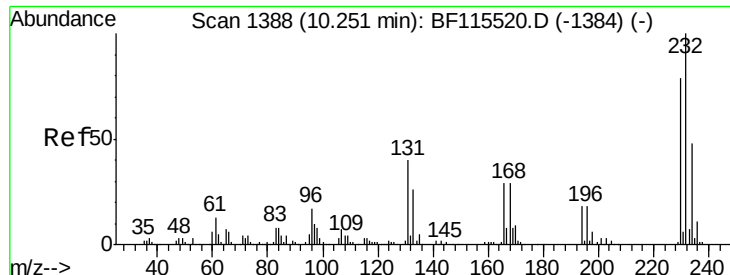
#58
Fluorene
Concen: 41.593 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.8	119.6
167	13.5	11.2	16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

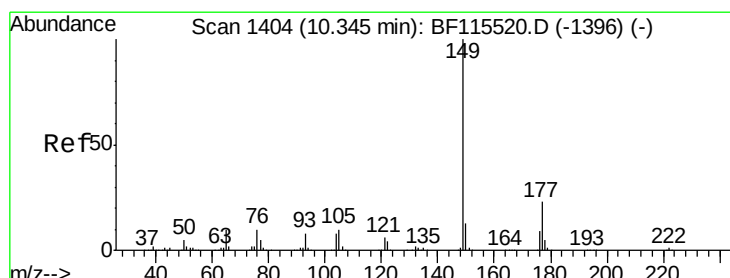
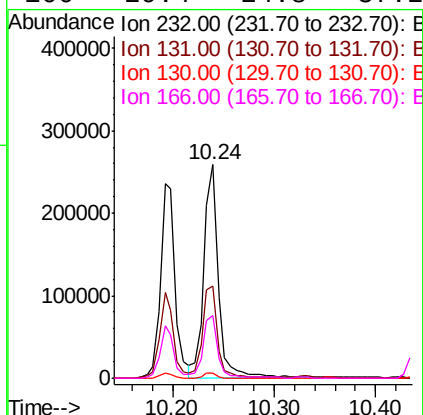
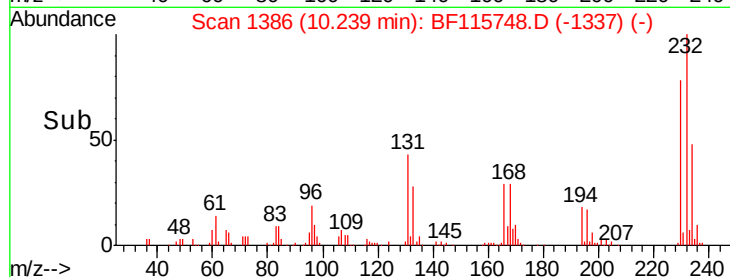
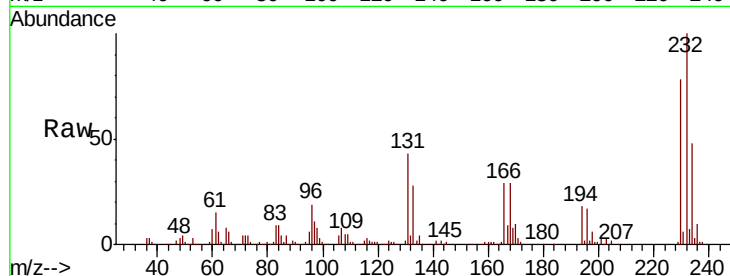




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.373 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

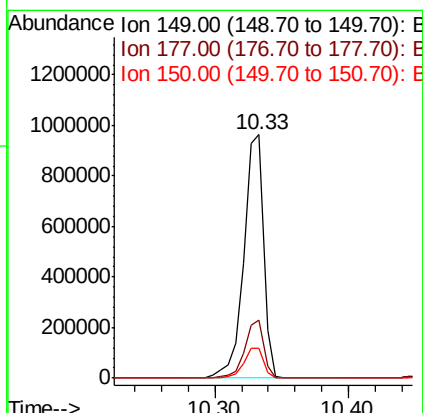
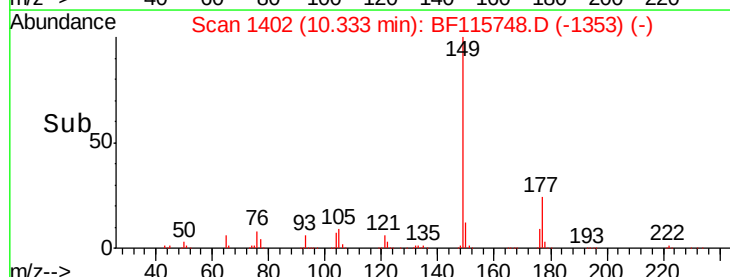
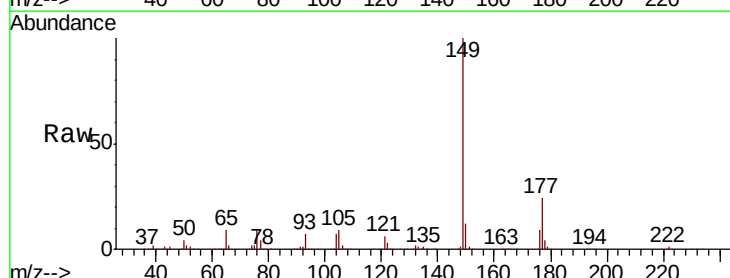
Instrument :
BNA_F
ClientSampleId :

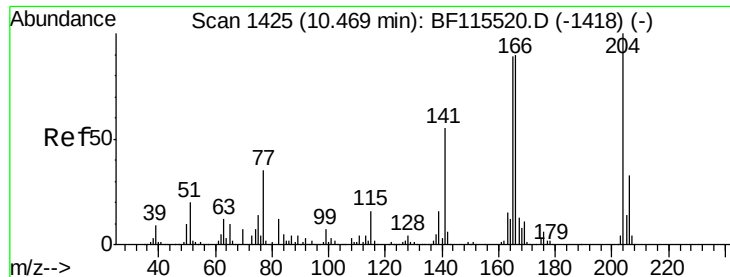
Tot Ion:232	Resp:	256133
Ion Ratio	Lower	Upper
232	100	
131	44.3	35.9 53.9
130	2.3	1.8 2.6
166	29.4	24.8 37.2



#60
Diethylphthalate
Concen: 41.384 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion:149	Resp:	981698
Ion Ratio	Lower	Upper
149	100	
177	23.9	19.5 29.3
150	12.4	10.4 15.6

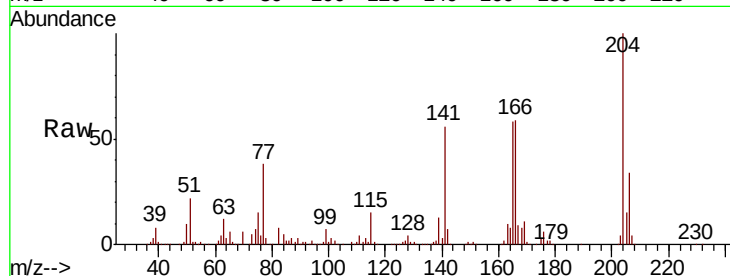




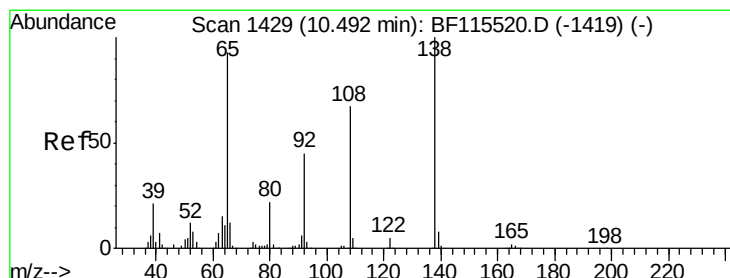
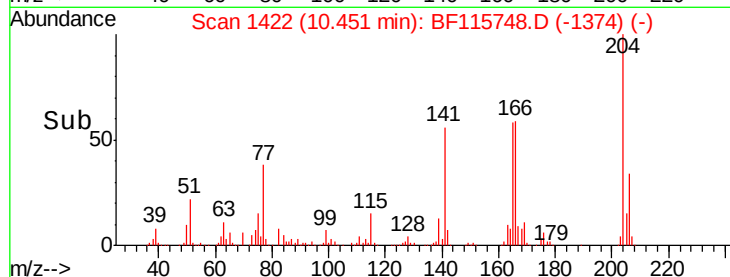
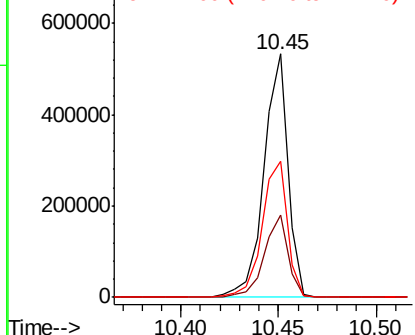
#61
4-Chlorophenyl-phenylether
Concen: 38.500 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 454222
Ion Ratio Lower Upper
204 100
206 33.6 26.7 40.1
141 56.0 44.2 66.2

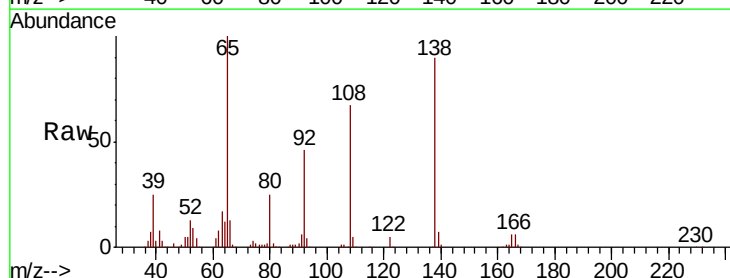


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

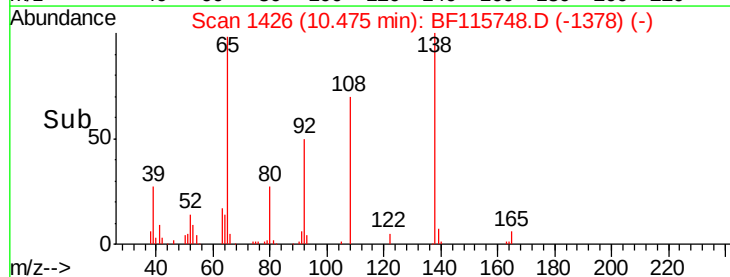
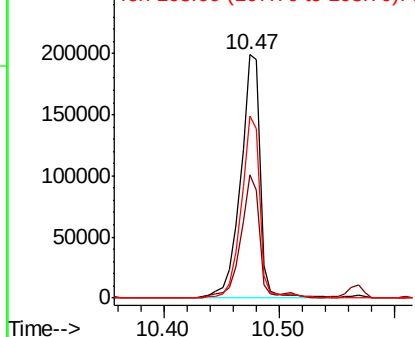


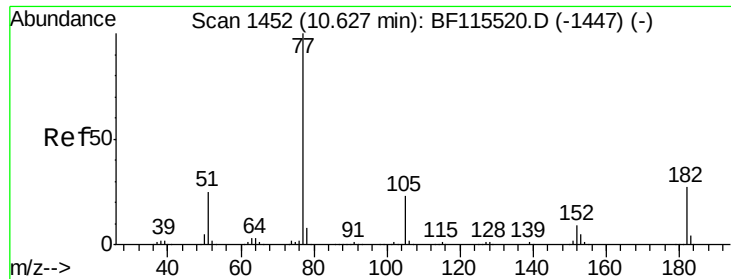
#62
4-Nitroaniline
Concen: 37.283 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion:138 Resp: 235138
Ion Ratio Lower Upper
138 100
92 50.7 27.1 67.1
108 75.0 48.0 88.0



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

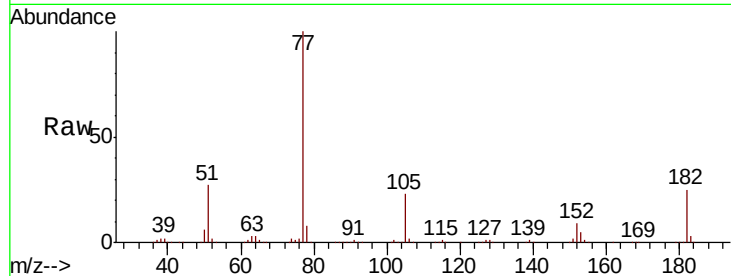




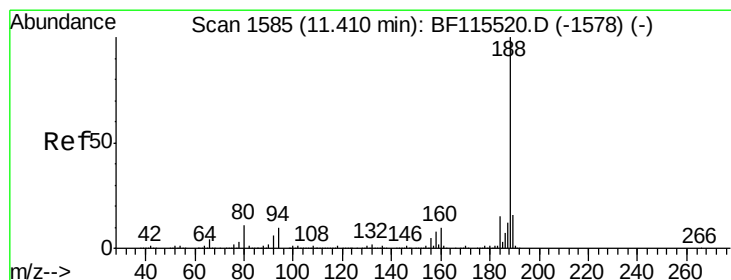
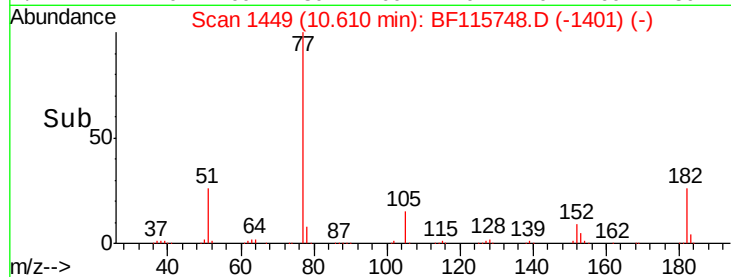
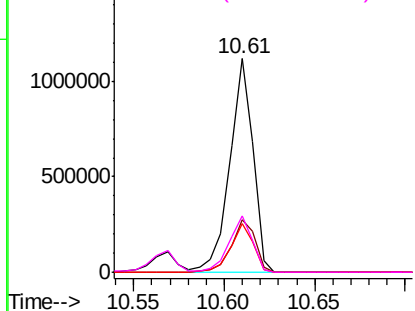
#63
Azobenzene
Concen: 43.355 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.02 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.7	6.9	46.9
105	22.8	3.9	43.9
51	26.6	7.3	47.3

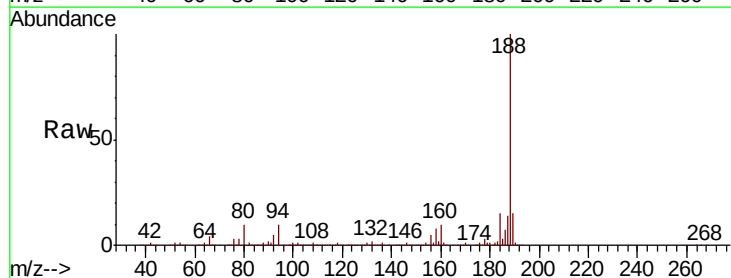


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

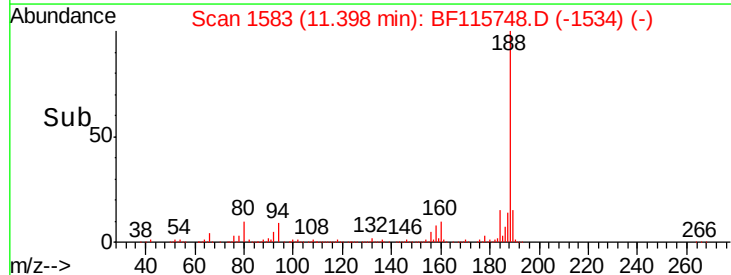
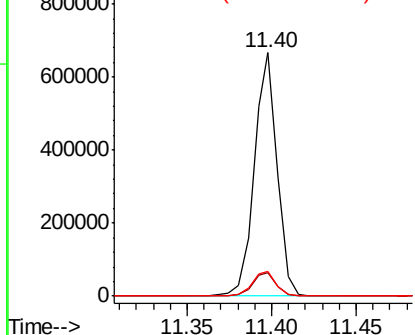


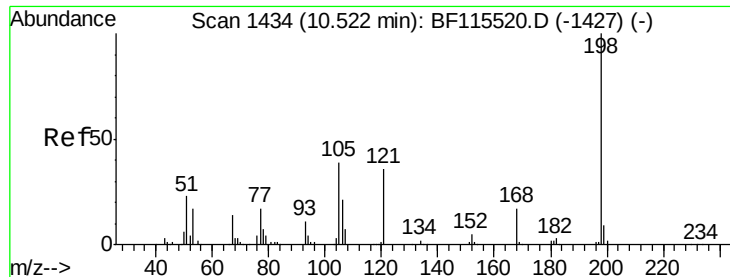
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.8	11.6
80	10.4	8.6	13.0



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

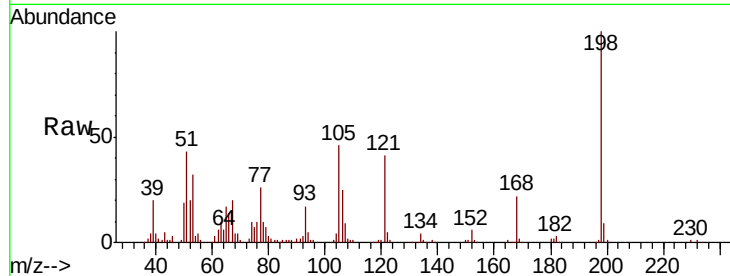




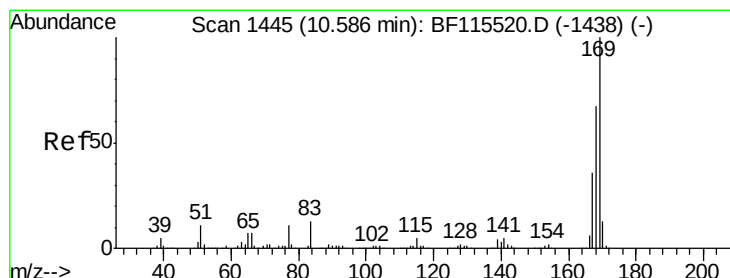
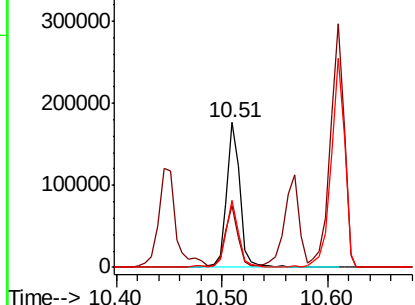
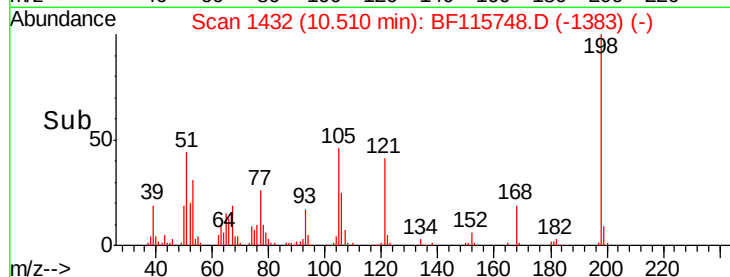
#65
4,6-Dinitro-2-methylphenol
Concen: 40.521 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 155151
Ion Ratio Lower Upper
198 100
51 43.2 19.1 59.1
105 45.9 23.6 63.6

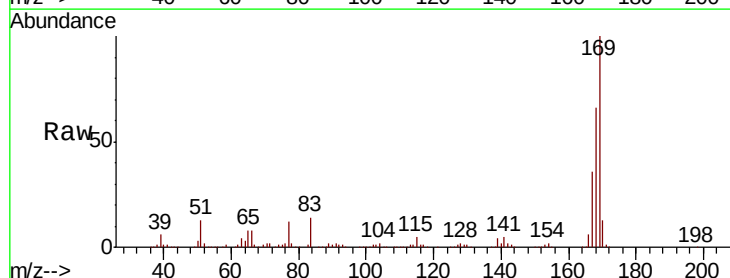


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

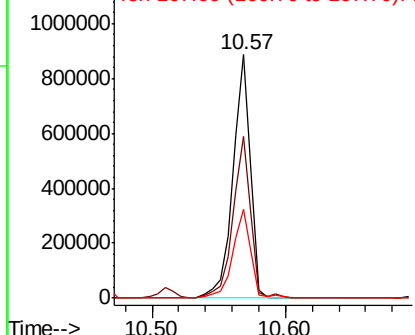
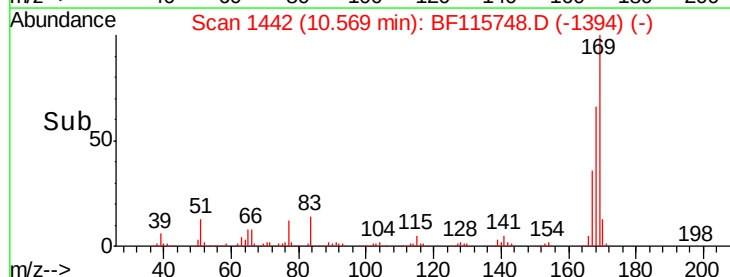


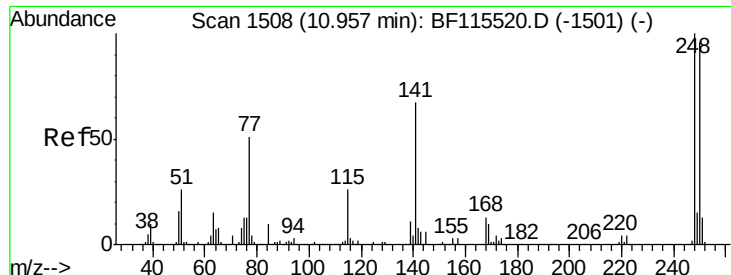
#66
n-Nitrosodiphenylamine
Concen: 41.829 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion:169 Resp: 815427
Ion Ratio Lower Upper
169 100
168 66.2 54.3 81.5
167 36.4 30.2 45.2



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

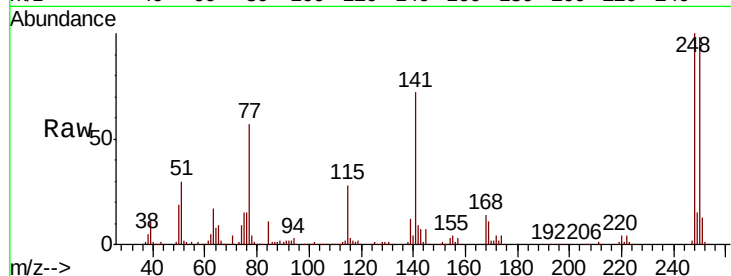




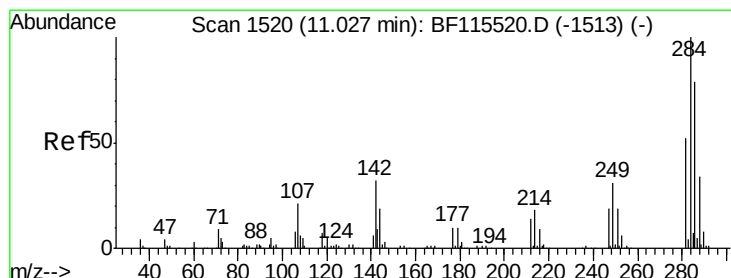
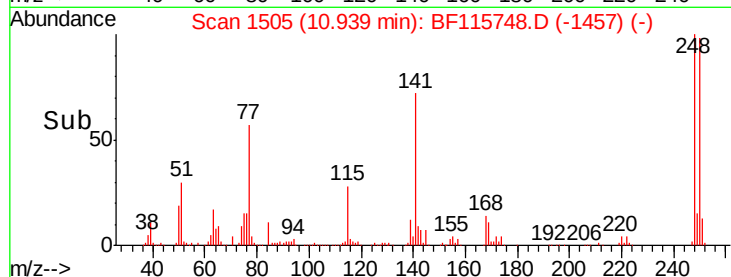
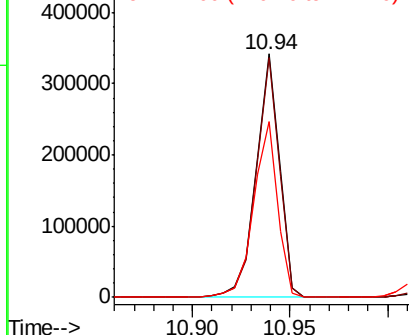
#67
4-Bromophenyl-phenylether
Concen: 39.791 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 284968
Ion Ratio Lower Upper
248 100
250 98.2 78.0 117.0
141 72.2 57.7 86.5

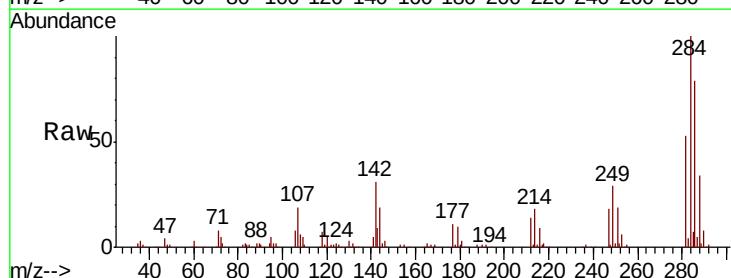


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

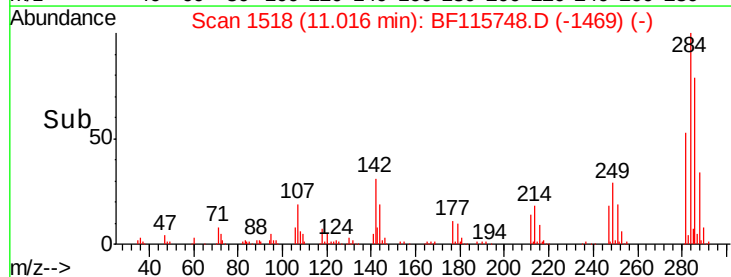
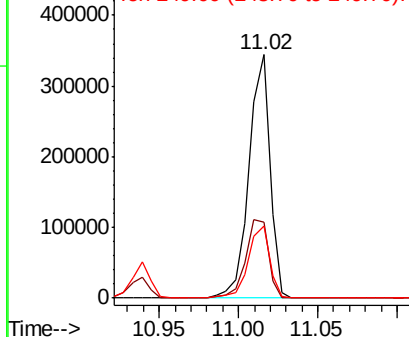


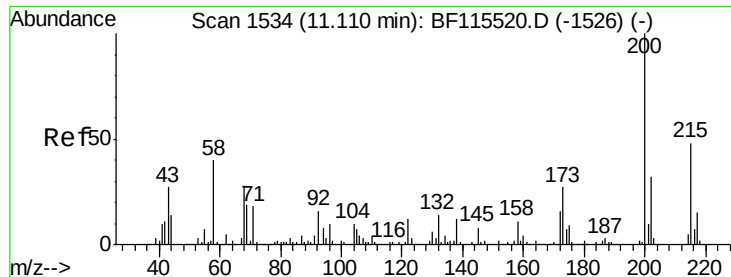
#68
Hexachlorobenzene
Concen: 38.743 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion:284 Resp: 316866
Ion Ratio Lower Upper
284 100
142 31.2 22.2 33.2
249 29.5 23.4 35.2



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: 40.447 ng

RT: 11.10 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

ClientSampleId :

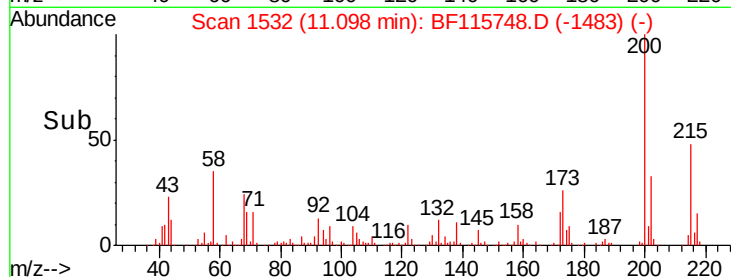
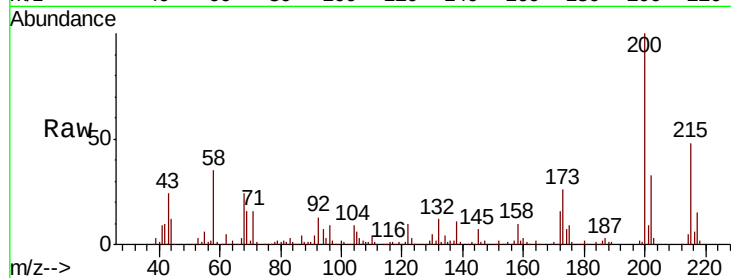
Tot Ion:200 Resp: 258665

Ion Ratio Lower Upper

200 100

173 25.8 6.9 46.9

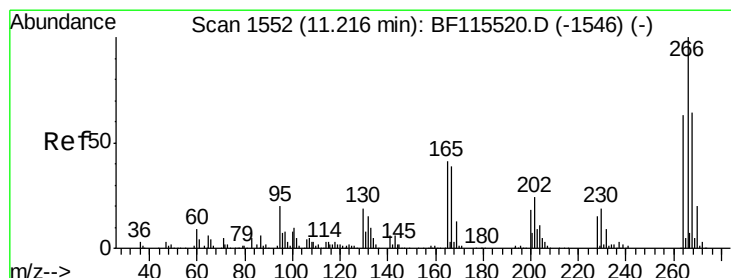
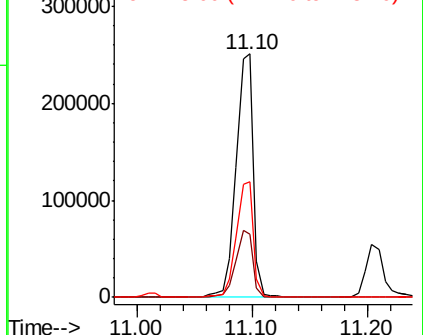
215 47.7 27.9 67.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 69.756 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

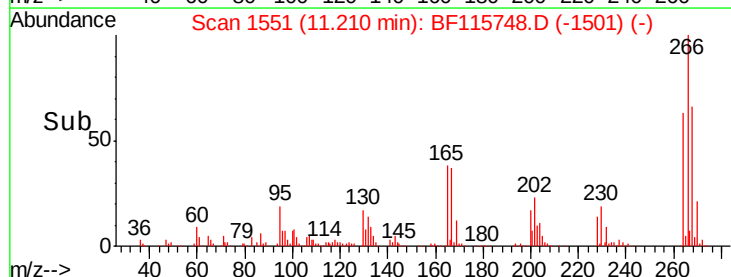
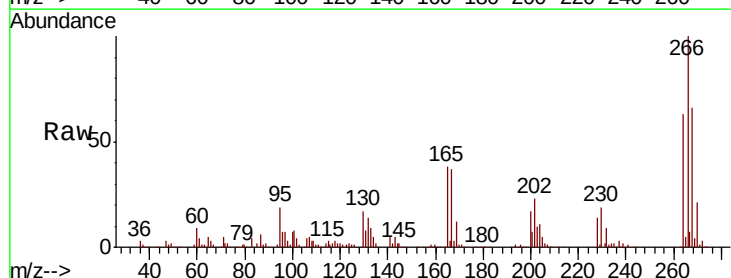
Tgt Ion:266 Resp: 348937

Ion Ratio Lower Upper

266 100

268 65.7 51.6 77.4

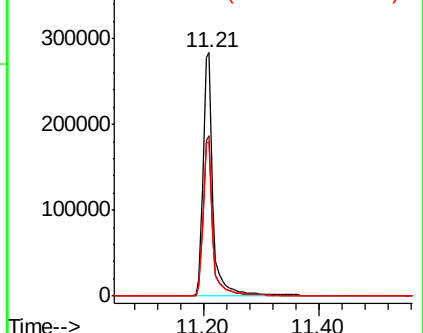
264 63.2 50.6 76.0

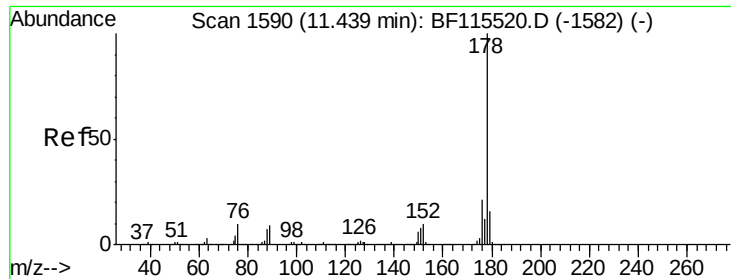


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

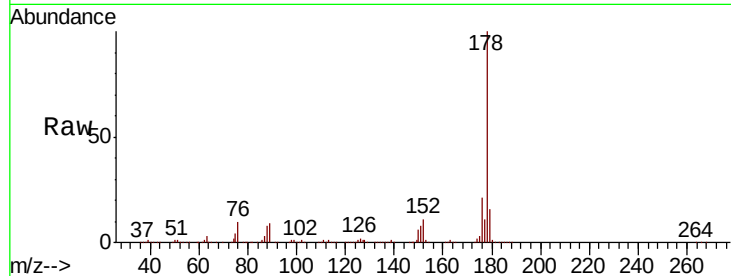




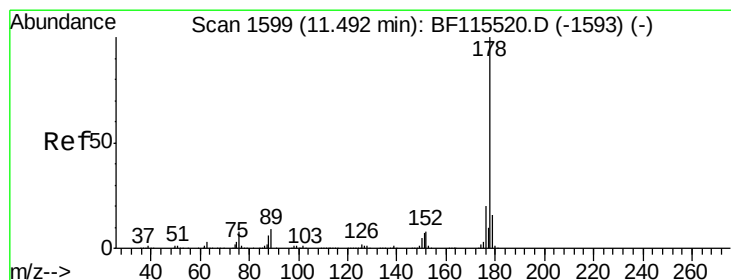
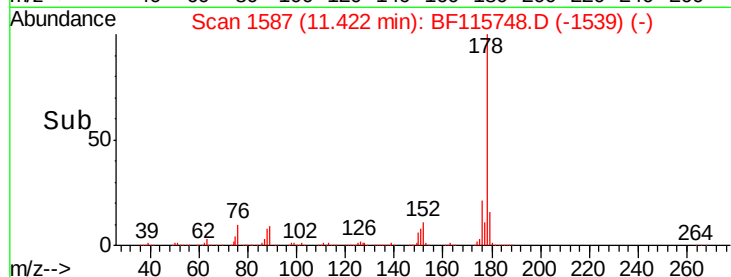
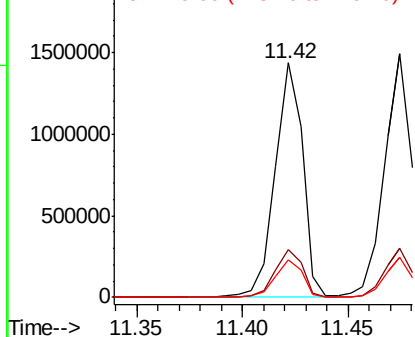
#71
Phenanthrene
Concen: 40.792 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1310391
Ion Ratio Lower Upper
178 100
176 20.6 17.2 25.8
179 16.1 13.5 20.3

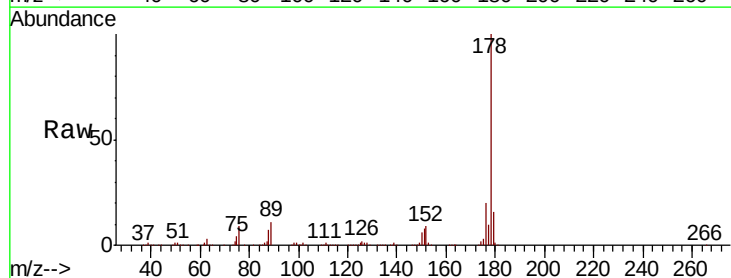


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

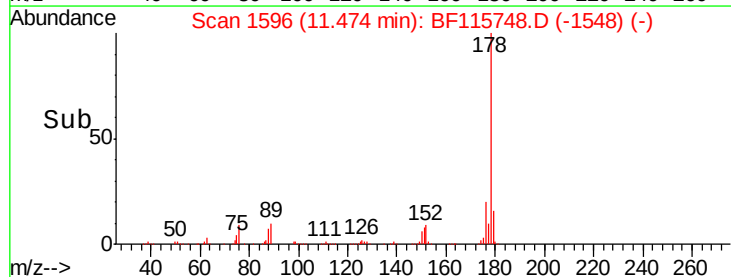
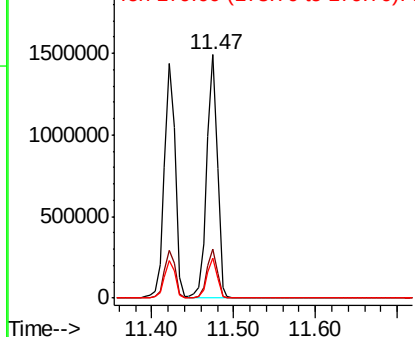


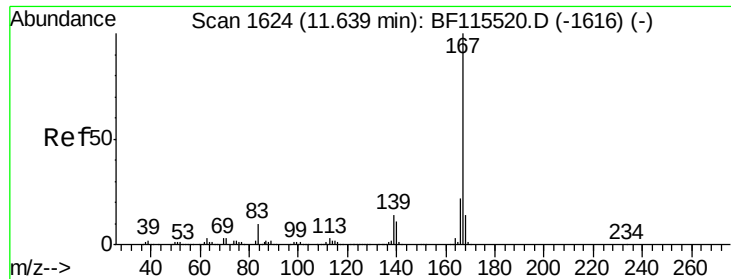
#72
Anthracene
Concen: 40.398 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion:178 Resp: 1341172
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 16.4 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



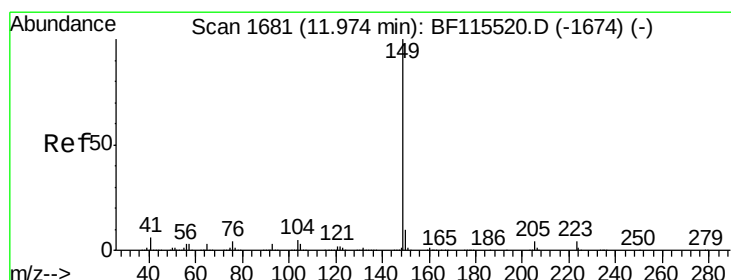
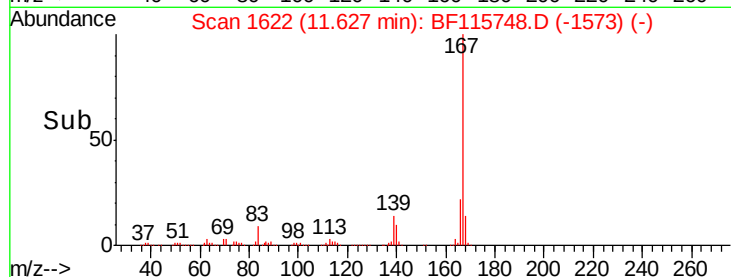
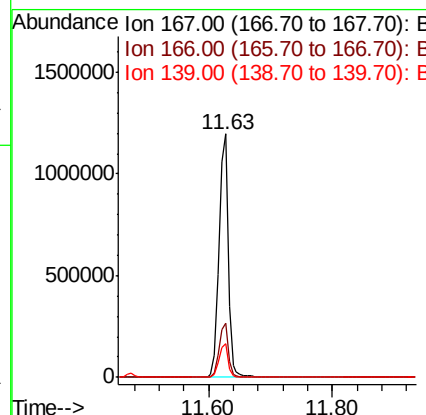
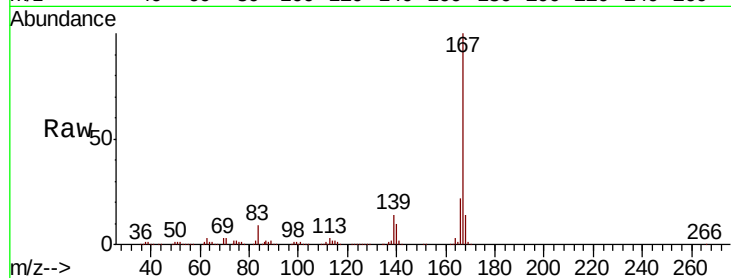


#73
 Carbazole
 Concen: 41.265 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF115748.D
 Acq: 24 Jul 2019 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1201347

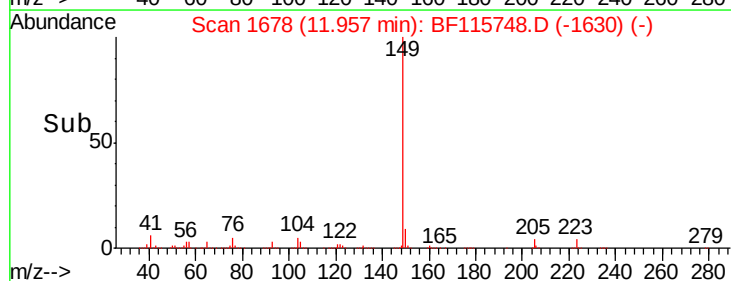
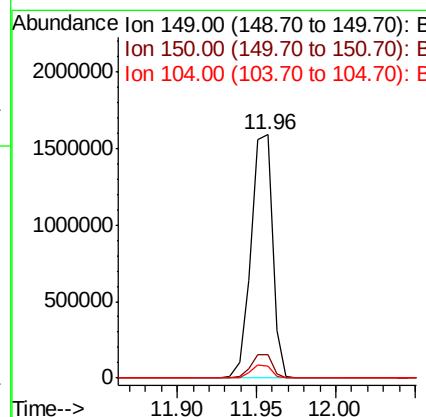
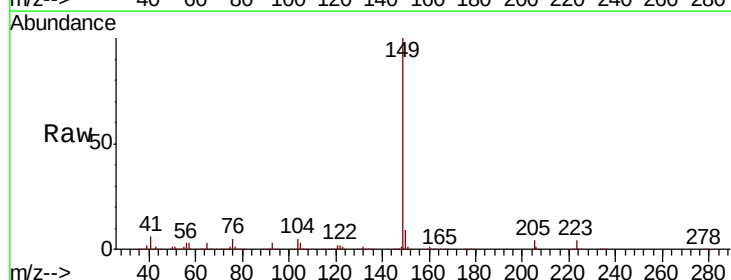
Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	13.7	11.3	16.9

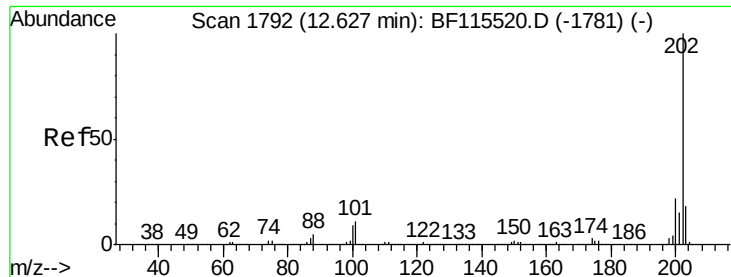


#74
 Di-n-butylphthalate
 Concen: 41.867 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.02 min
 Lab File: BF115748.D
 Acq: 24 Jul 2019 14:14

Tgt Ion:149 Resp: 1501370

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.0	3.8	5.8





#75

Fluoranthene

Concen: 40.304 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.02 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

ClientSampleId :

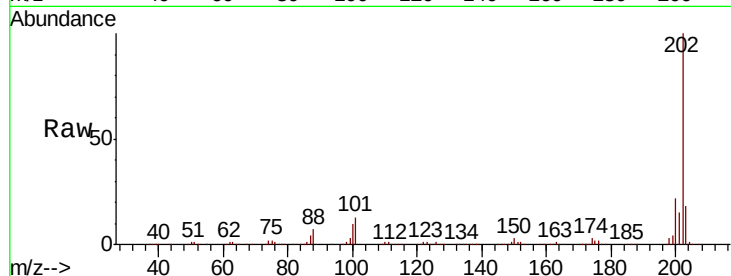
Tot Ion:202 Resp: 1368162

Ion Ratio Lower Upper

202 100

101 12.9 0.0 31.4

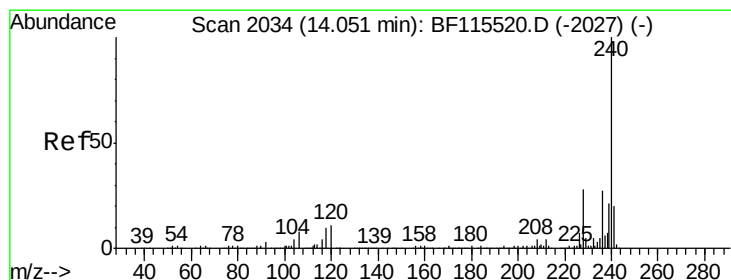
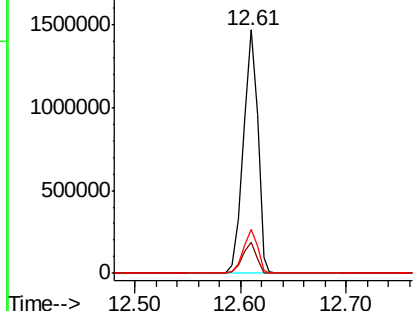
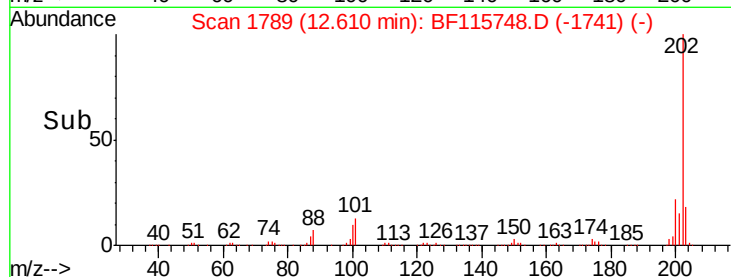
203 18.2 0.0 38.1



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: BF115748.D

Acq: 24 Jul 2019 14:14

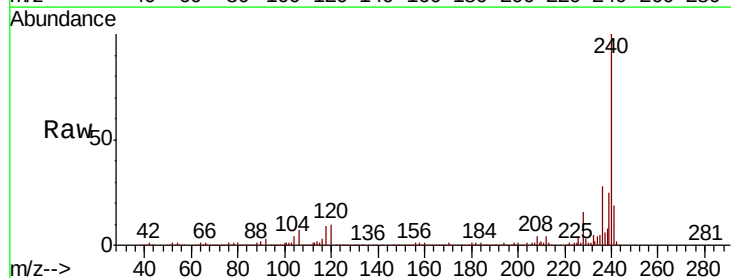
Tgt Ion:240 Resp: 442615

Ion Ratio Lower Upper

240 100

120 10.4 8.6 13.0

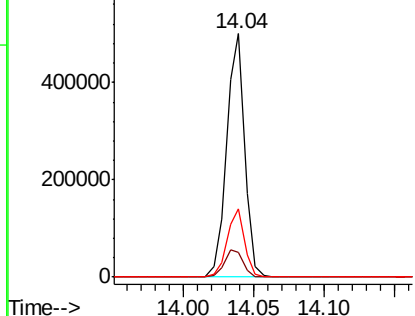
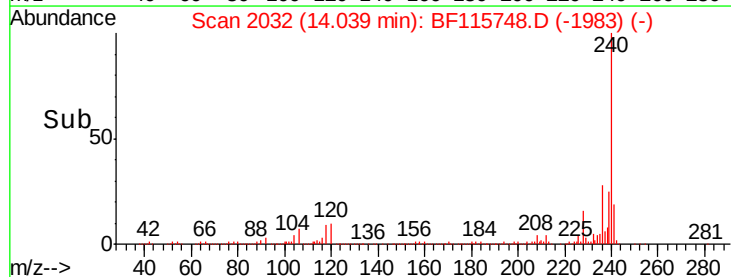
236 27.8 21.3 31.9

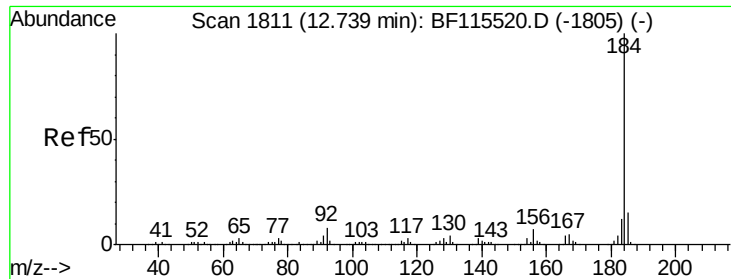


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.929 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.02 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

ClientSampleId :

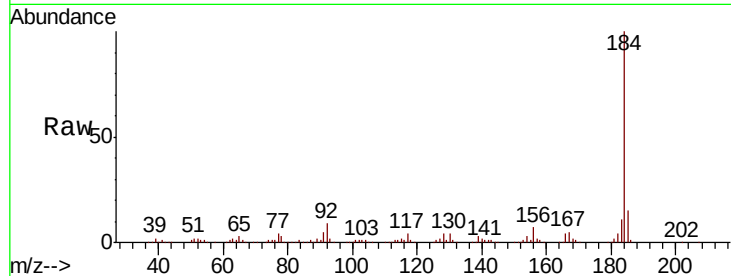
Tot Ion:184 Resp: 453593

Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

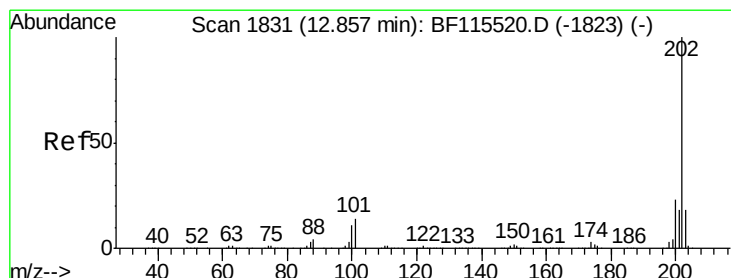
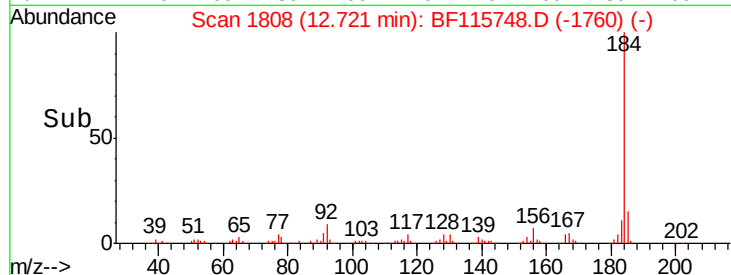
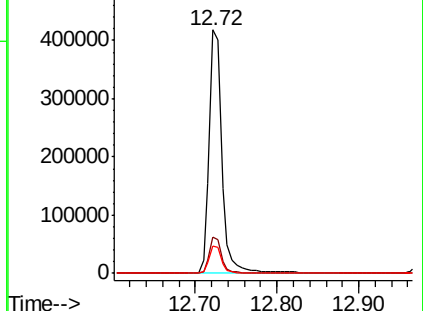
183 11.4 9.3 13.9



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: 37.010 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

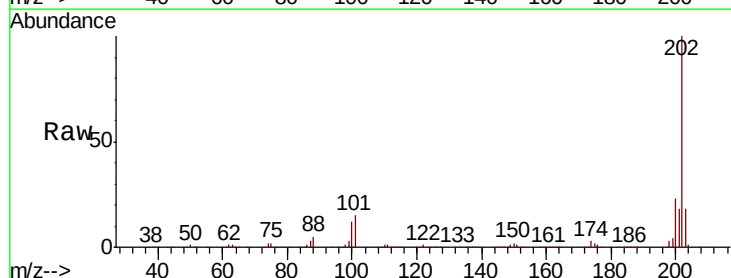
Tgt Ion:202 Resp: 1387870

Ion Ratio Lower Upper

202 100

200 22.8 18.7 28.1

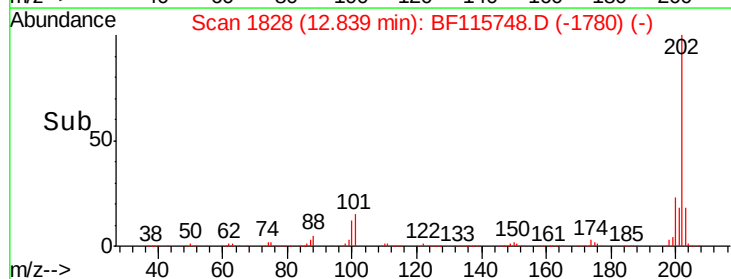
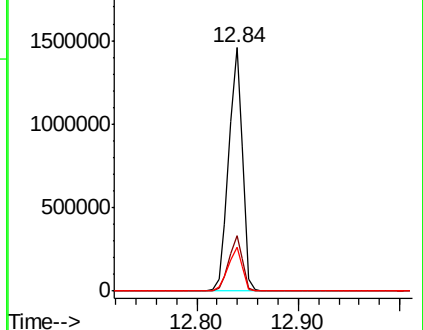
203 18.3 15.2 22.8

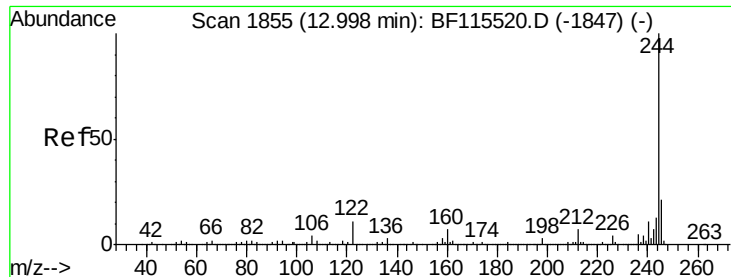


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.587 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

ClientSampleId :

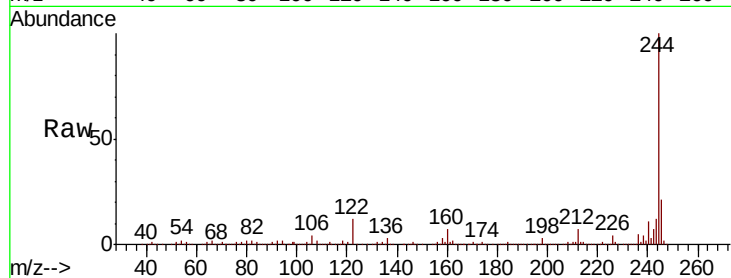
Tot Ion:244 Resp: 1837163

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

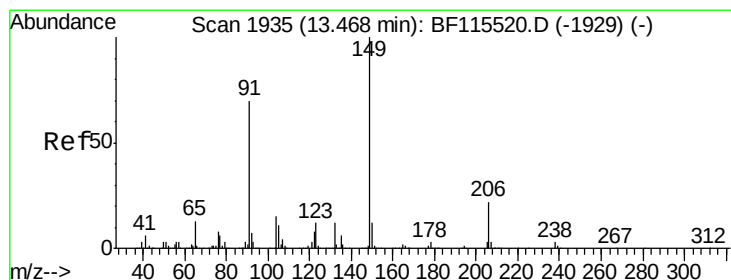
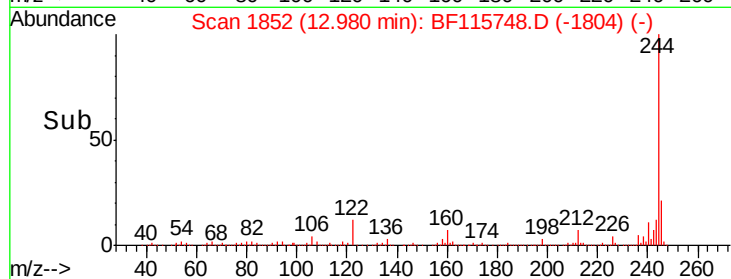
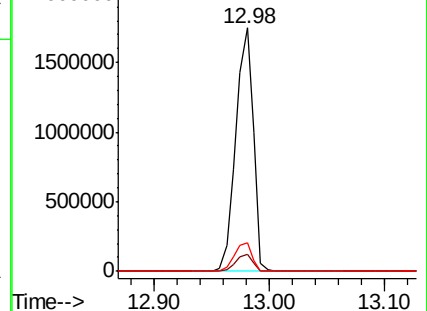
122 11.5 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.896 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.02 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

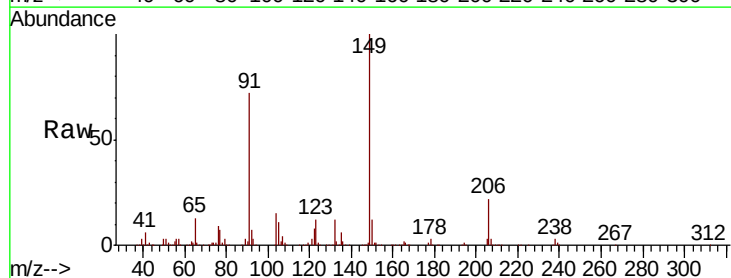
Tgt Ion:149 Resp: 637779

Ion Ratio Lower Upper

149 100

91 71.9 55.8 83.8

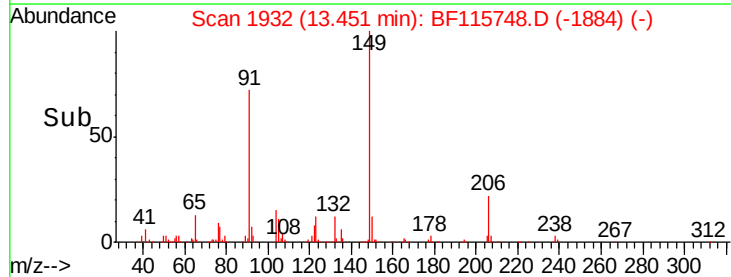
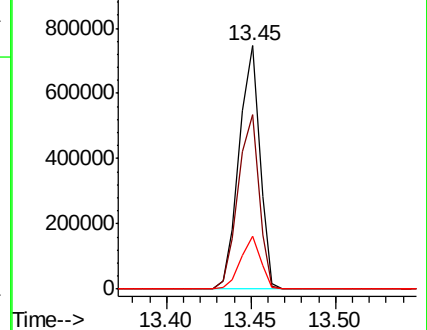
206 21.8 18.2 27.2

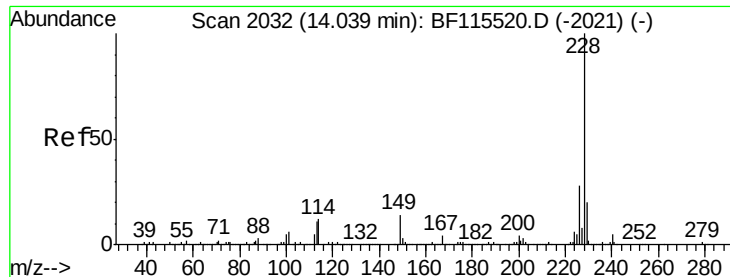


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

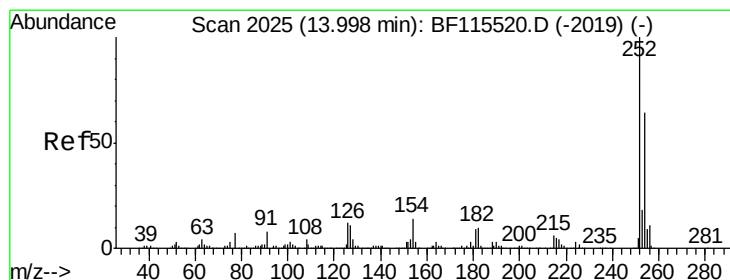
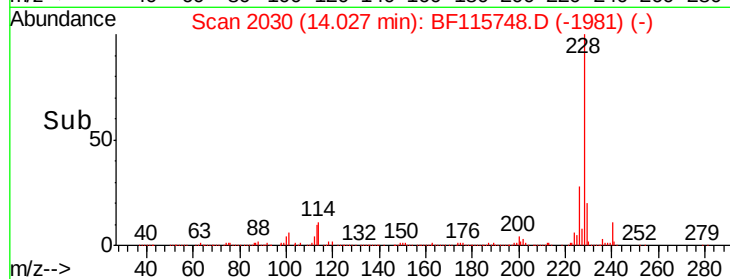
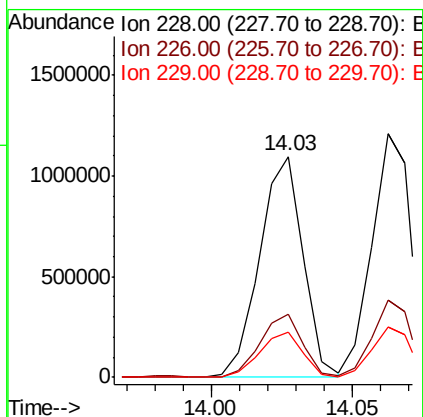
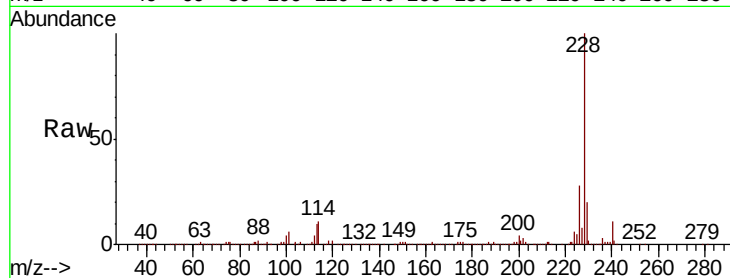




#81
Benzo(a)anthracene
Concen: 40.084 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

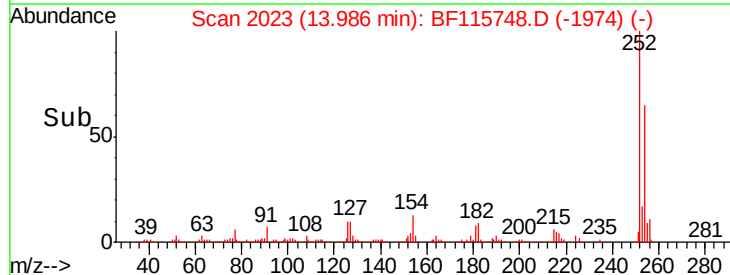
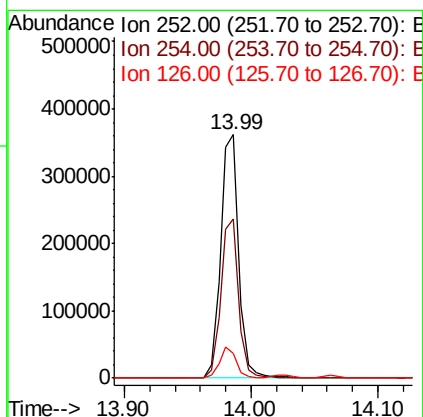
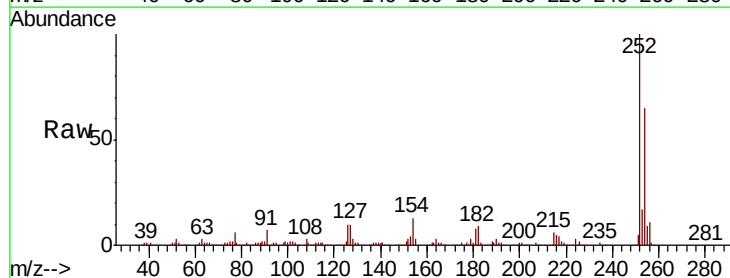
Instrument :
BNA_F
ClientSampleId :

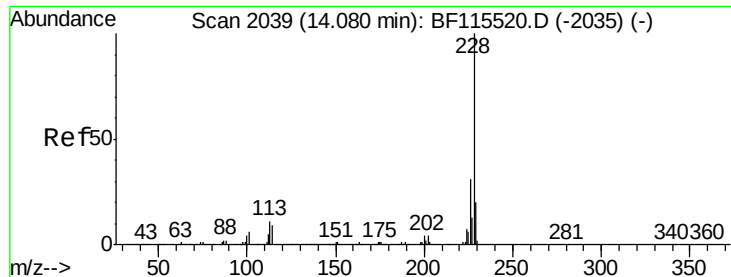
Tot Ion:228 Resp: 1168844
Ion Ratio Lower Upper
228 100
226 28.3 23.4 35.0
229 20.5 17.2 25.8



#82
3,3'-Dichlorobenzidine
Concen: 34.671 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion:252 Resp: 359404
Ion Ratio Lower Upper
252 100
254 65.2 52.9 79.3
126 10.0 9.9 14.9





#83

Chrysene

Concen: 39.173 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.02 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

ClientSampleId :

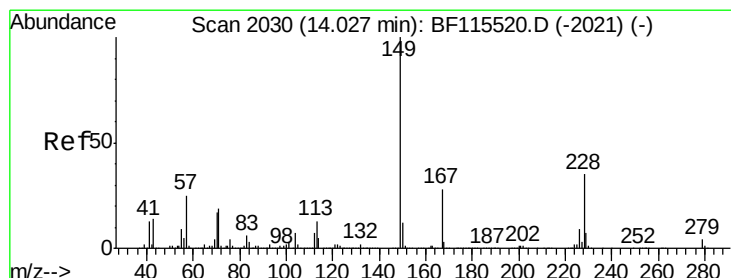
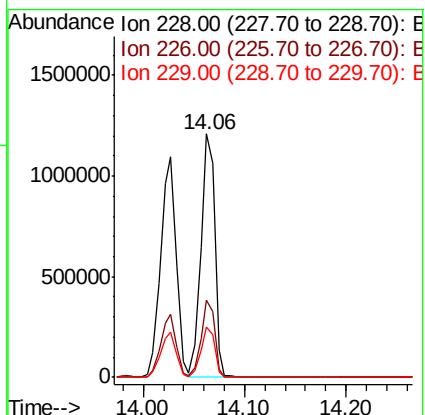
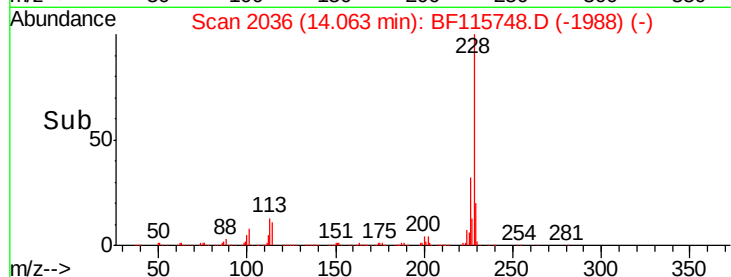
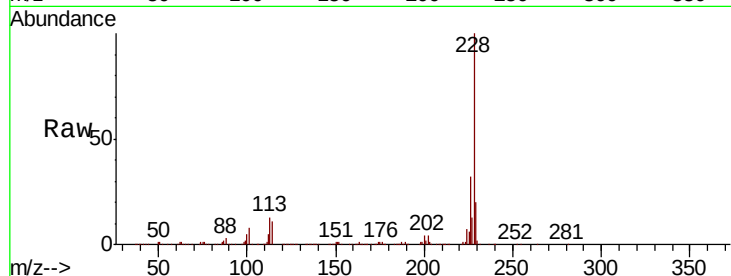
Tot Ion:228 Resp: 1146694

Ion Ratio Lower Upper

228 100

226 31.6 25.7 38.5

229 20.4 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.028 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

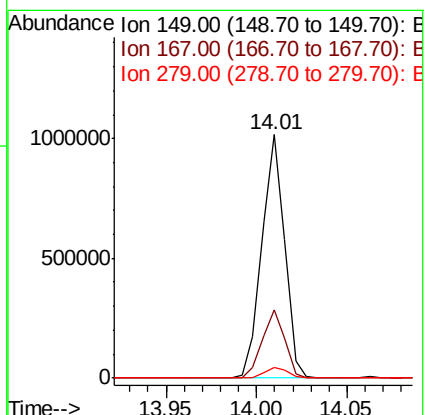
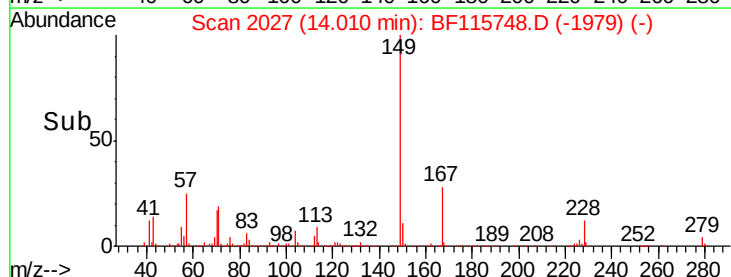
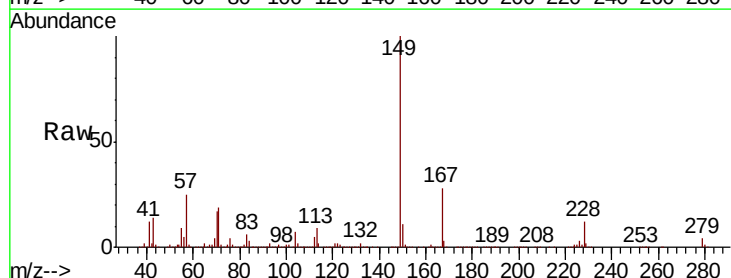
Tgt Ion:149 Resp: 891632

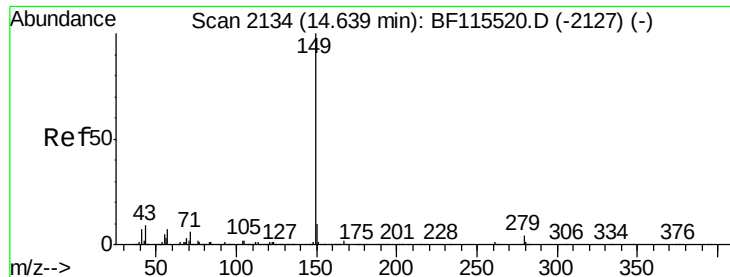
Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.4

279 4.3 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 47.173 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.02 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

ClientSampleId :

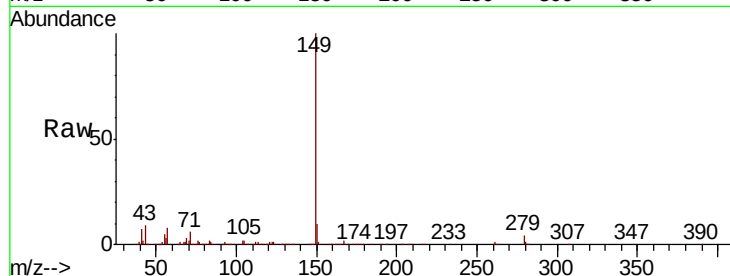
Tot Ion:149 Resp: 1486233

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

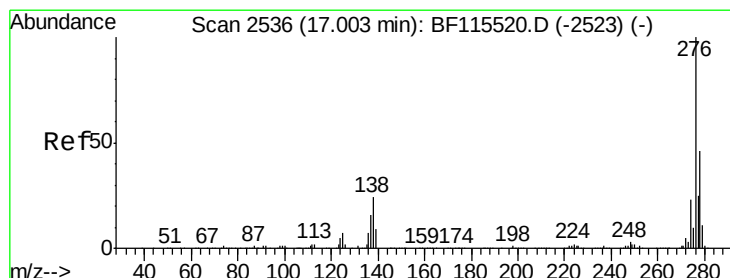
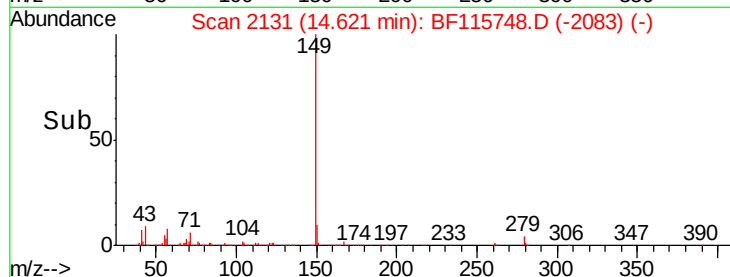
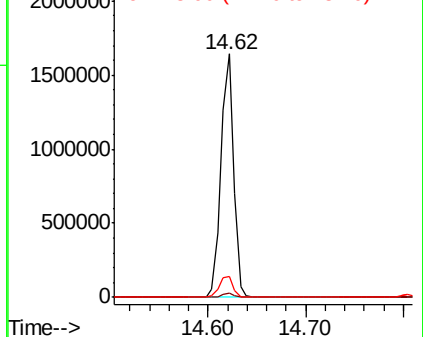
43 9.0 7.2 10.8



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: 39.729 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

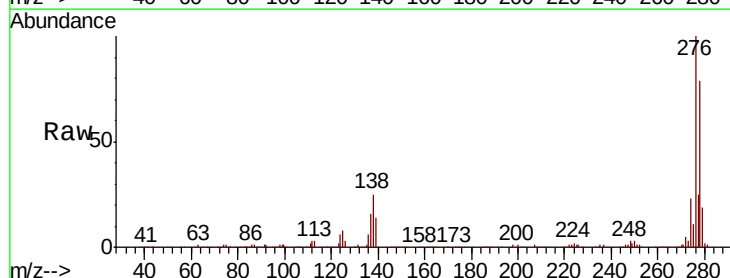
Tgt Ion:276 Resp: 988032

Ion Ratio Lower Upper

276 100

138 25.0 20.2 30.2

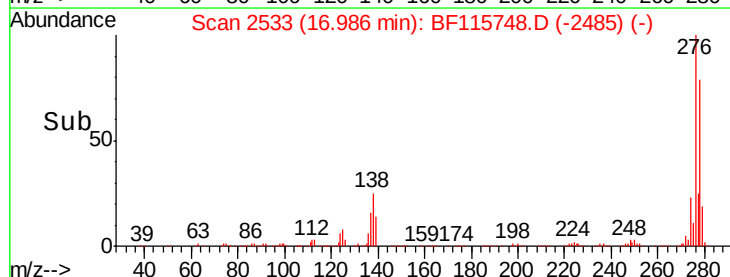
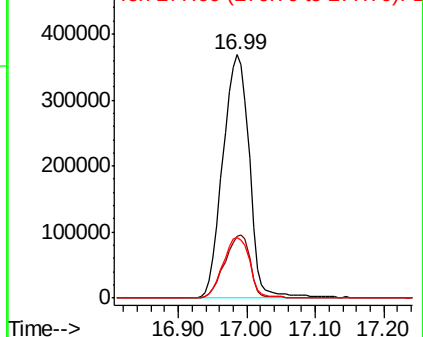
277 25.2 20.4 30.6

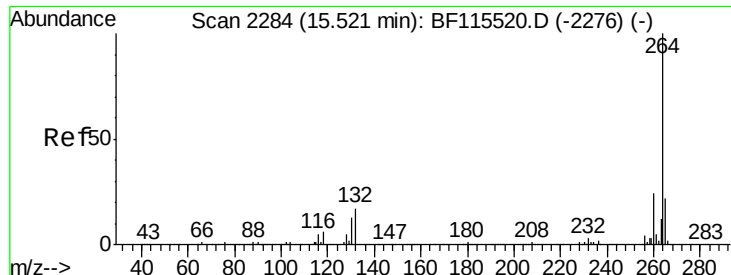


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



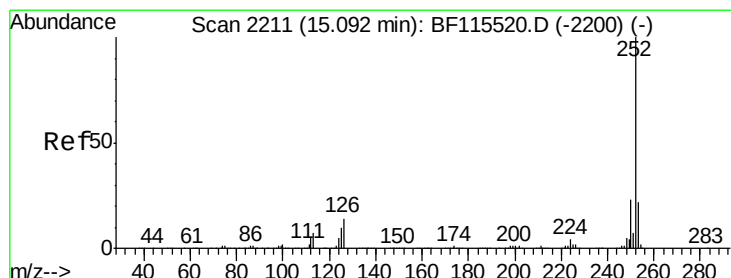
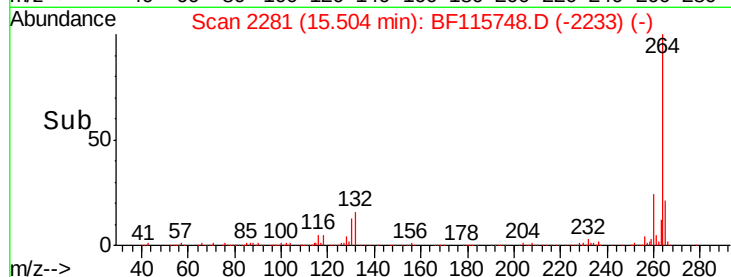
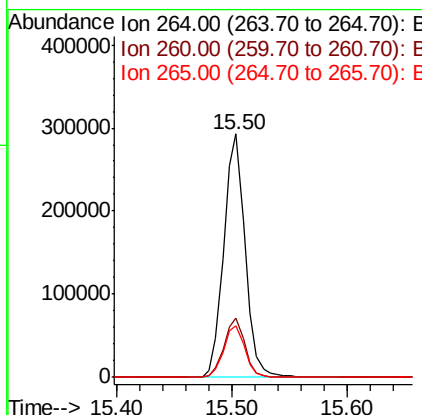
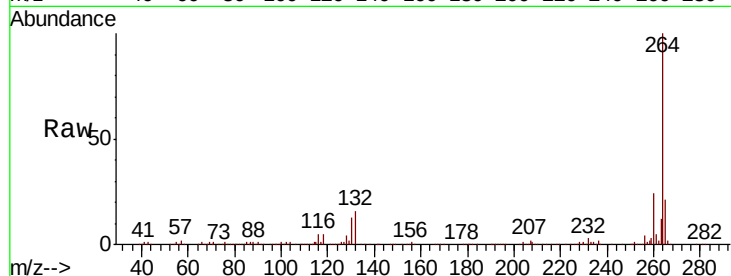


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 374029

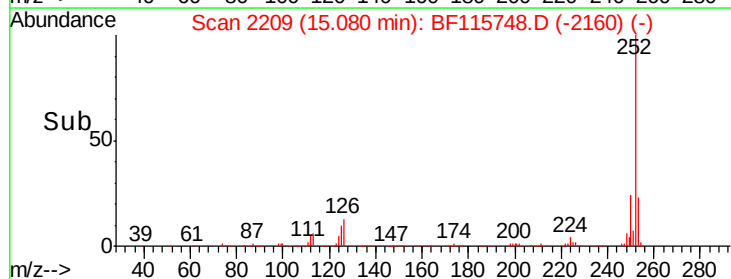
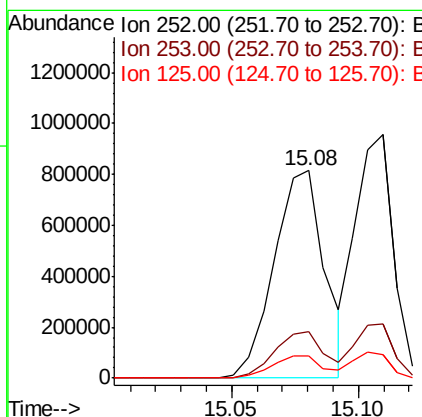
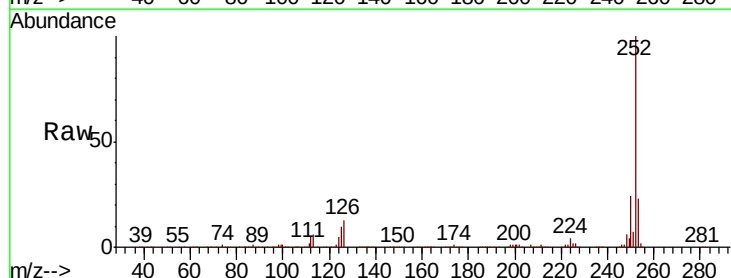
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.8
265	21.1	17.7	26.5

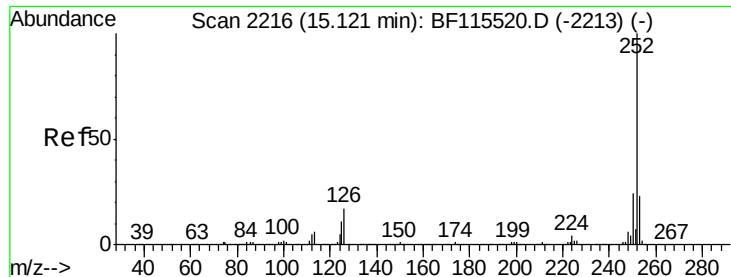


#88
Benzo(b)fluoranthene
Concen: 46.902 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion:252 Resp: 1129600

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	10.5	9.0	13.4

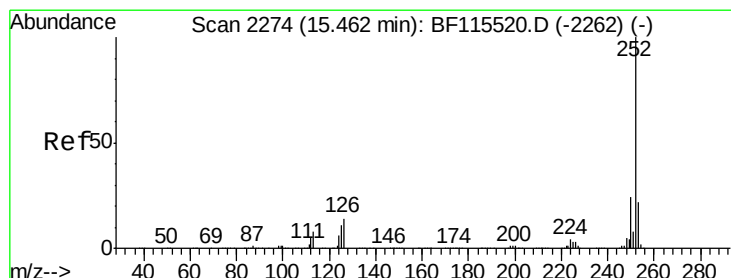
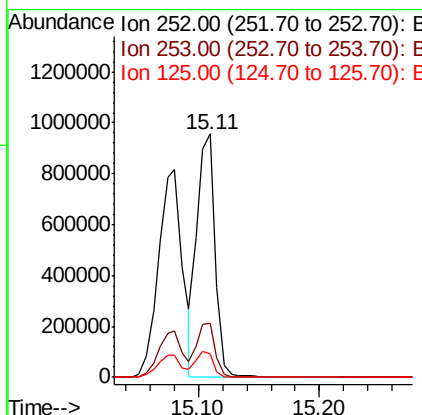
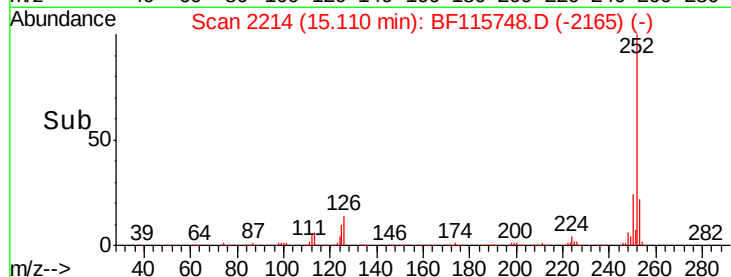
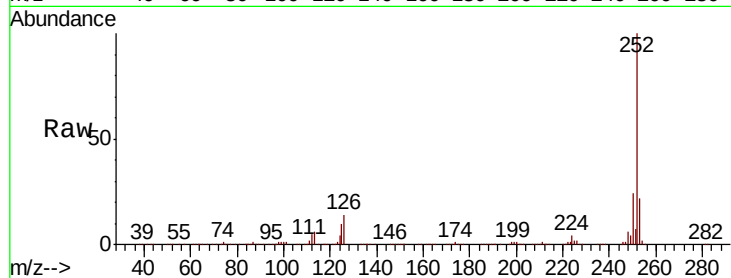




#89
Benzo(k)fluoranthene
Concen: 46.730 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

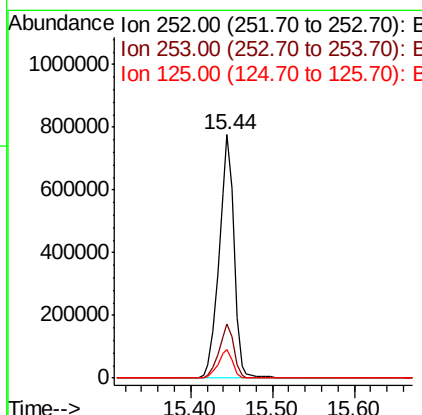
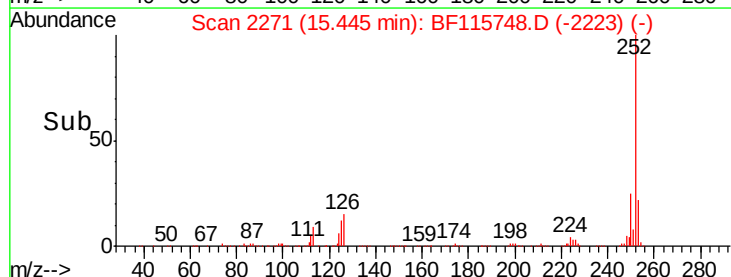
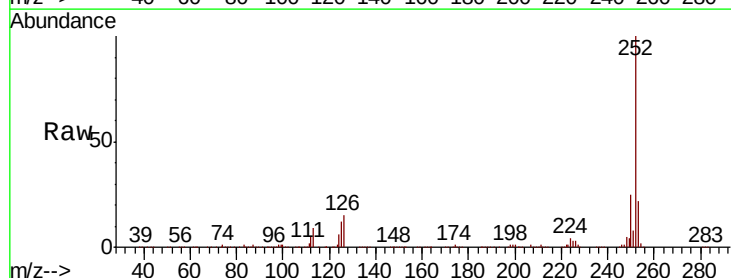
Instrument :
BNA_F
ClientSampleId :

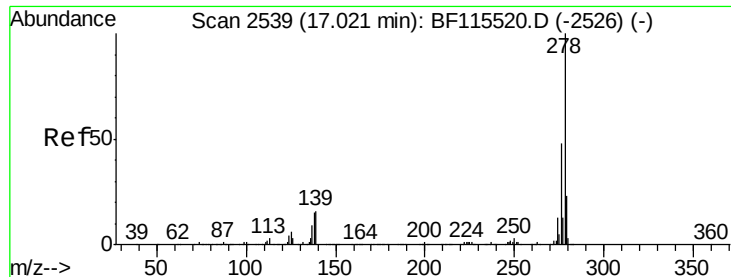
Tot Ion:252 Resp: 1003406
Ion Ratio Lower Upper
252 100
253 22.2 18.6 28.0
125 9.5 9.0 13.6



#90
Benzo(a)pyrene
Concen: 47.576 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion:252 Resp: 984833
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.8 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 45.639 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

ClientSampleId :

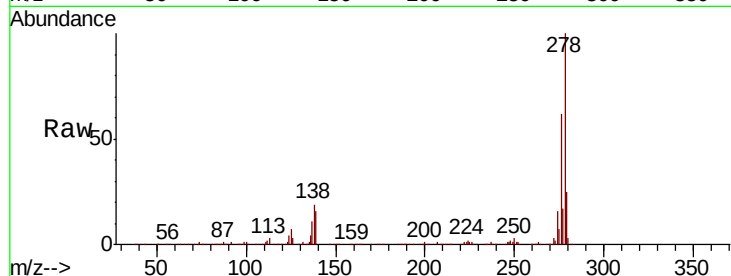
Tot Ion:278 Resp: 829398

Ion Ratio Lower Upper

278 100

139 16.1 13.1 19.7

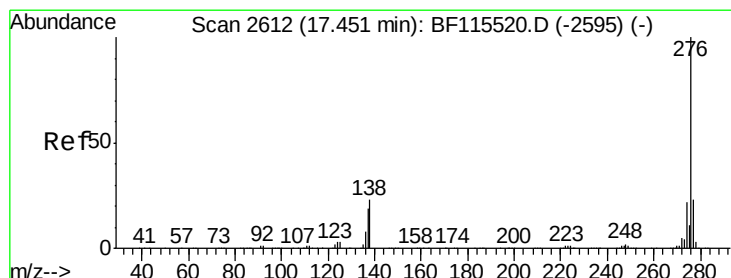
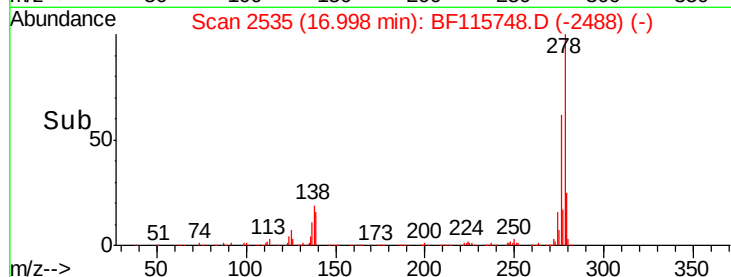
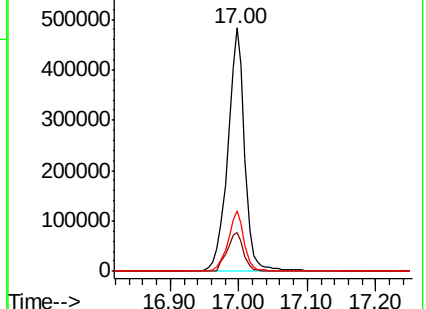
279 24.7 19.6 29.4



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: 42.321 ng

RT: 17.43 min Scan# 2608

Delta R.T. -0.02 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

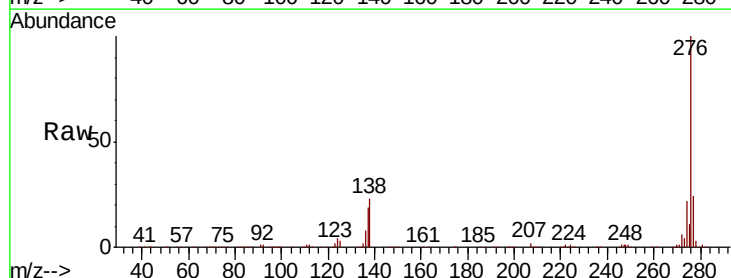
Tgt Ion:276 Resp: 767032

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 22.7 17.2 25.8



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

