

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115509.D
 Acq On : 11 Jul 2019 22:01
 Operator : HP/JU
 Sample : K3751-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 03:15:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	156902	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	627083	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	320983	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	654969	20.00	ng	0.00
76) Chrysene-d12	14.06	240	450363	20.00	ng	-0.01
87) Perylene-d12	15.53	264	468224	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1110303	109.33	ng	0.00
7) Phenol-d6	6.53	99	1483879	114.89	ng	0.00
23) Nitrobenzene-d5	7.46	82	941215	88.68	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	463185	130.51	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1657678	90.62	ng	0.00
79) Terphenyl-d14	13.00	244	1951871	88.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	147477	29.607	ng	99
3) Pyridine	3.49	79	178949	12.992	ng	99
4) n-Nitrosodimethylamine	3.41	42	161208	28.862	ng	100
6) Aniline	6.56	93	402697	22.095	ng	97
8) 2-Chlorophenol	6.68	128	417422	36.402	ng	99
9) Benzaldehyde	6.44	77	222653	27.951	ng	99
10) Phenol	6.54	94	533599	34.531	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	390018	34.022	ng	97
12) 1,3-Dichlorobenzene	6.84	146	438160	34.877	ng	98
13) 1,4-Dichlorobenzene	6.91	146	448234	35.620	ng	99
14) 1,2-Dichlorobenzene	7.07	146	416456	35.745	ng	97
15) Benzyl Alcohol	7.03	79	372079	35.901	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	515520	32.161	ng	99
17) 2-Methylphenol	7.15	107	357840	36.426	ng	99
18) Hexachloroethane	7.41	117	161712	34.496	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	291047	33.309	ng	95
20) 3+4-Methylphenols	7.29	107	432022	37.230	ng	98
22) Acetophenone	7.30	105	570459	37.964	ng	# 93
24) Nitrobenzene	7.47	77	448436	37.412	ng	98
25) Isophorone	7.72	82	819042	35.603	ng	99
26) 2-Nitrophenol	7.79	139	232337	47.147	ng	98
27) 2,4-Dimethylphenol	7.83	122	371225	39.506	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	503055	35.462	ng	98
29) 2,4-Dichlorophenol	8.03	162	368654	39.389	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	393297	37.747	ng	99
31) Naphthalene	8.20	128	1196838	38.425	ng	100
32) Benzoic acid	7.92	122	117237	21.012	ng	98
33) 4-Chloroaniline	8.24	127	196775	14.159	ng	99
34) Hexachlorobutadiene	8.32	225	221783	37.534	ng	98
35) Caprolactam	8.60	113	66499	21.815	ng	97
36) 4-Chloro-3-methylphenol	8.72	107	393164	39.715	ng	97
37) 2-Methylnaphthalene	8.89	142	809877	38.901	ng	99
38) 1-Methylnaphthalene	8.99	142	764571	38.490	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	367579	39.806	ng	99

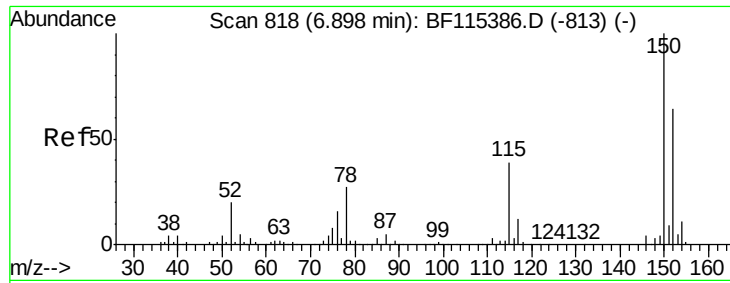
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115509.D
 Acq On : 11 Jul 2019 22:01
 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	395668	73.928	ng	98
43) 2,4,6-Trichlorophenol	9.17	196	273694	40.712	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	288697	41.414	ng	94
46) 1,1'-Biphenyl	9.36	154	1007581	39.929	ng	98
47) 2-Chloronaphthalene	9.38	162	793379	38.042	ng	98
48) 2-Nitroaniline	9.47	65	247056	40.320	ng	93
49) Acenaphthylene	9.80	152	1231895	39.014	ng	98
50) Dimethylphthalate	9.66	163	1226049	50.890	ng	99
51) 2,6-Dinitrotoluene	9.71	165	219940	42.094	ng	94
52) Acenaphthene	9.97	154	820969	41.312	ng	99
53) 3-Nitroaniline	9.88	138	169184	27.879	ng	96
54) 2,4-Dinitrophenol	9.99	184	161603	72.695	ng	91
55) Dibenzofuran	10.14	168	1110920	39.685	ng	99
56) 4-Nitrophenol	10.04	139	409928	87.308	ng	98
57) 2,4-Dinitrotoluene	10.12	165	295792	44.545	ng	94
58) Fluorene	10.49	166	826678	37.461	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	252381	41.910	ng	99
60) Diethylphthalate	10.36	149	914965	38.584	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	422279	39.207	ng	97
62) 4-Nitroaniline	10.50	138	245333	41.185	ng	98
63) Azobenzene	10.63	77	894693	36.601	ng	97
65) 4,6-Dinitro-2-methylphenol	10.53	198	150420	47.971	ng	85
66) n-Nitrosodiphenylamine	10.59	169	787747	38.172	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	278923	37.953	ng	94
68) Hexachlorobenzene	11.03	284	309631	37.546	ng	95
69) Atrazine	11.12	200	266771	41.770	ng	99
70) Pentachlorophenol	11.23	266	360590	71.747	ng	99
71) Phenanthrene	11.45	178	1311927	38.086	ng	99
72) Anthracene	11.50	178	1350889	39.109	ng	99
73) Carbazole	11.64	167	1219406	38.588	ng	99
74) Di-n-butylphthalate	11.98	149	1422544	37.248	ng	99
75) Fluoranthene	12.63	202	1393356	38.417	ng	98
77) Benzidine	12.74	184	190882	10.869	ng	97
78) Pyrene	12.86	202	1414864	40.399	ng	99
80) Butylbenzylphthalate	13.47	149	626031	40.912	ng	98
81) Benzo(a)anthracene	14.05	228	1121945	38.880	ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	321251	30.681	ng	97
83) Chrysene	14.09	228	1156542	39.008	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	788750	41.622	ng	100
85) Di-n-octyl phthalate	14.65	149	1335229	39.580	ng	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	1274673	53.621	ng	99
88) Benzo(b)fluoranthene	15.10	252	1050906	34.472	ng	100
89) Benzo(k)fluoranthene	15.13	252	1057534	39.006	ng	99
90) Benzo(a)pyrene	15.47	252	1036627	39.424	ng	99
91) Dibenzo(a,h)anthracene	17.04	278	1055966	46.997	ng	99
92) Benzo(g,h,i)perylene	17.48	276	1083393	50.942	ng	99

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

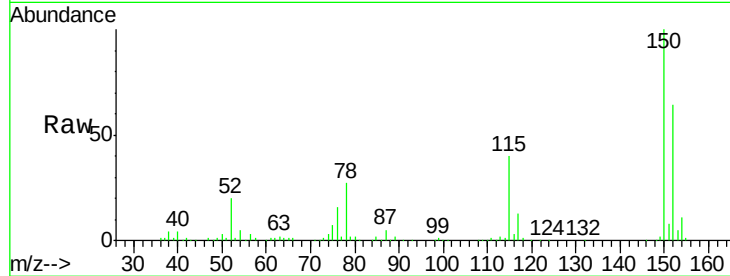


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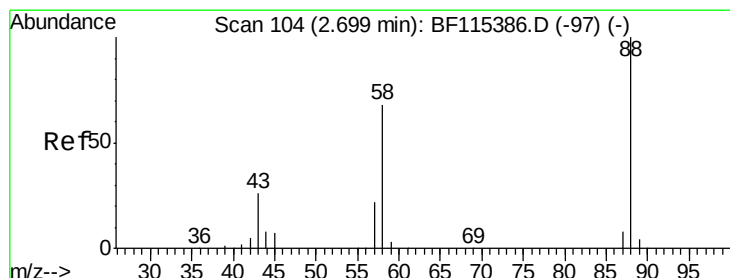
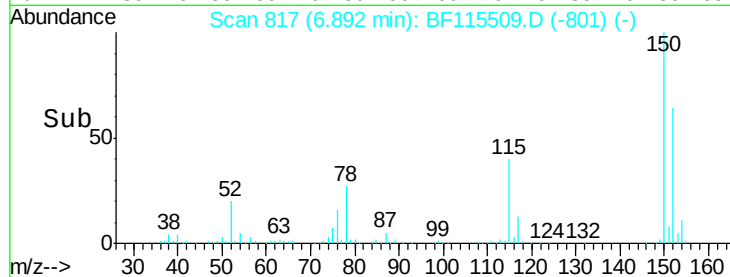
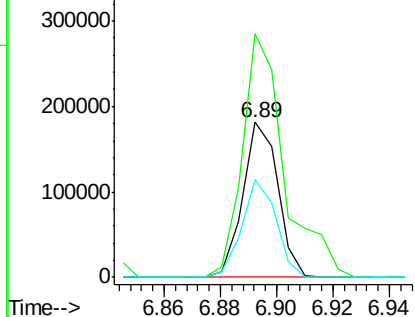
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 156902
Ion Ratio Lower Upper
152 100
150 156.9 127.4 191.2
115 62.6 46.2 69.4



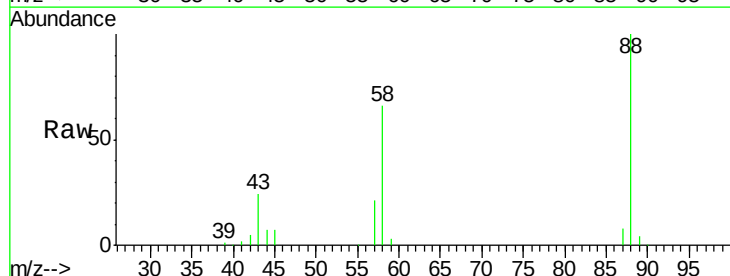
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



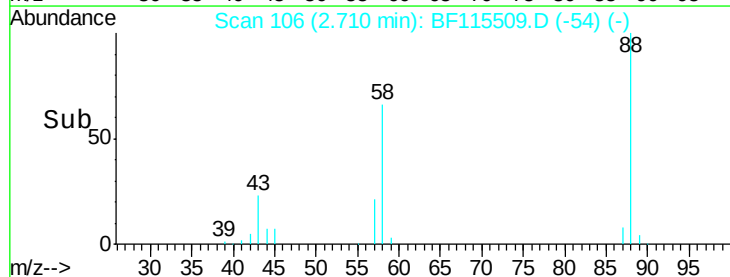
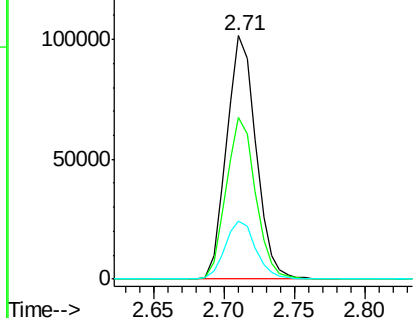
#2

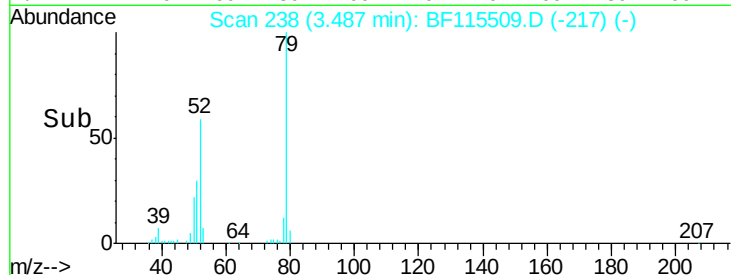
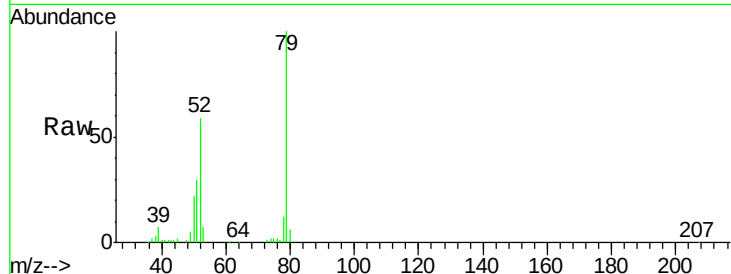
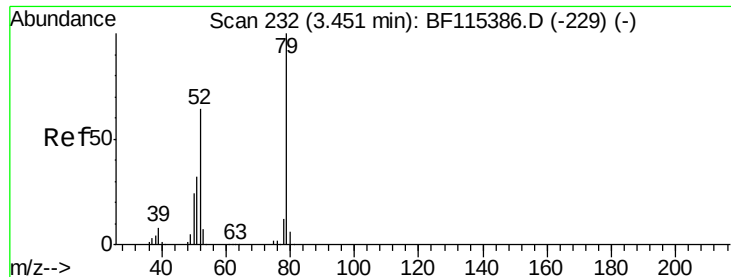
1,4-Dioxane
Concen: 29.607 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.01 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

Tgt Ion: 88 Resp: 147477
Ion Ratio Lower Upper
88 100
58 66.1 52.5 78.7
43 25.2 19.0 28.6



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

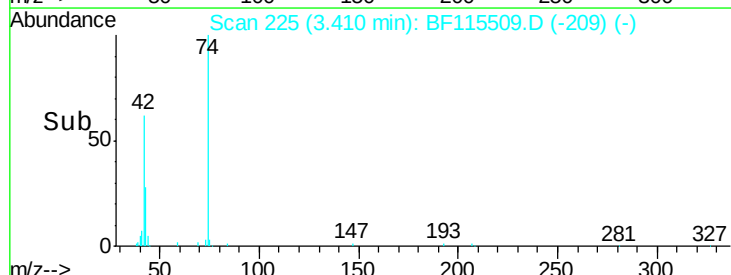
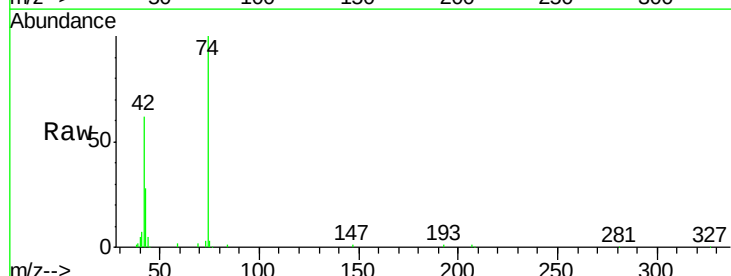
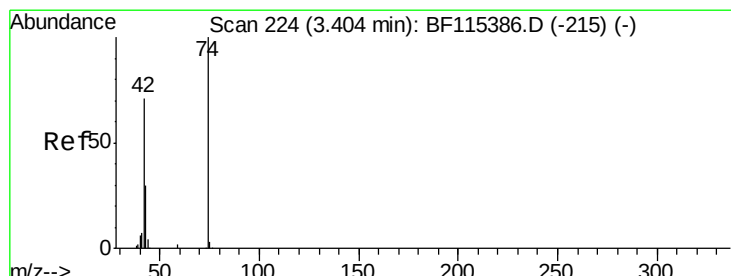
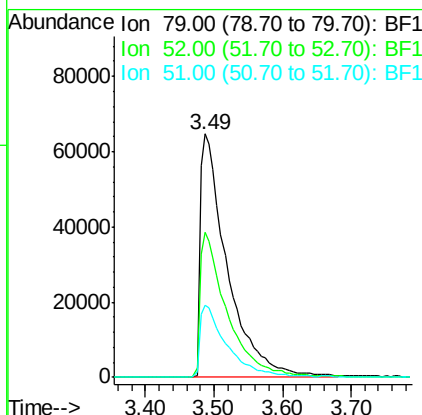




#3
 Pvridine
 Concen: 12.992 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.02 min
 Lab File: BF115509.D
 Acq: 11 Jul 2019 22:01

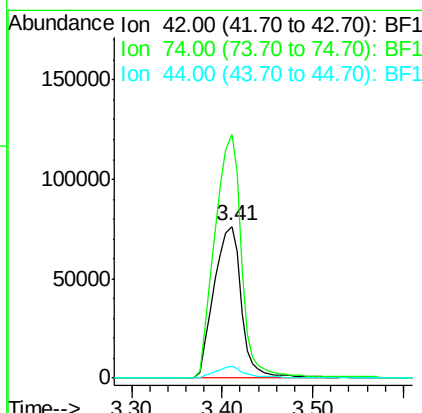
Instrument :
 BNA_F
 ClientSampleId :

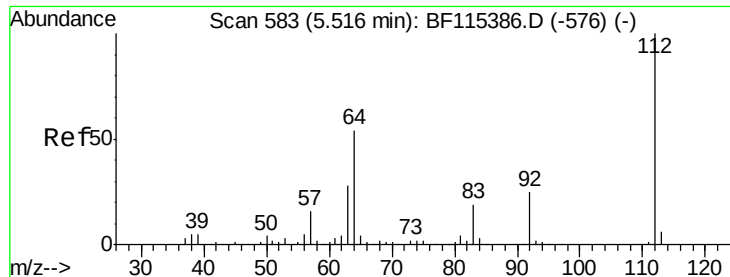
Tot Ion: 79 Resp: 178949
 Ion Ratio Lower Upper
 79 100
 52 59.4 48.2 72.2
 51 29.5 23.2 34.8



#4
 n-Nitrosodimethylamine
 Concen: 28.862 ng
 RT: 3.41 min Scan# 225
 Delta R.T. -0.01 min
 Lab File: BF115509.D
 Acq: 11 Jul 2019 22:01

Tgt Ion: 42 Resp: 161208
 Ion Ratio Lower Upper
 42 100
 74 160.5 128.5 192.7
 44 7.5 5.3 7.9





#5

2-Fluorophenol

Concen: 109.333 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

Instrument :

BNA_F

ClientSampleId :

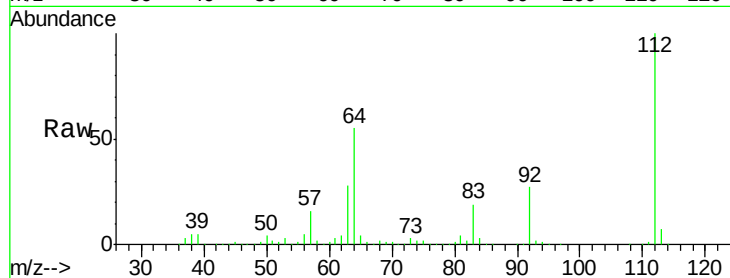
Tot Ion:112 Resp: 1110303

Ion Ratio Lower Upper

112 100

64 54.7 44.2 66.2

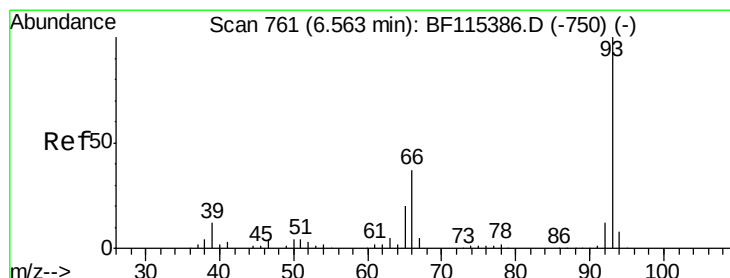
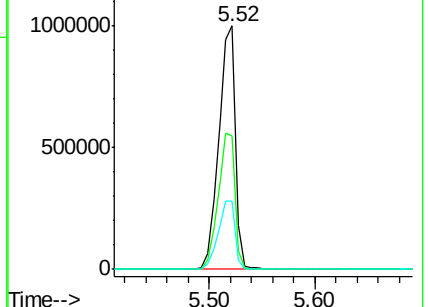
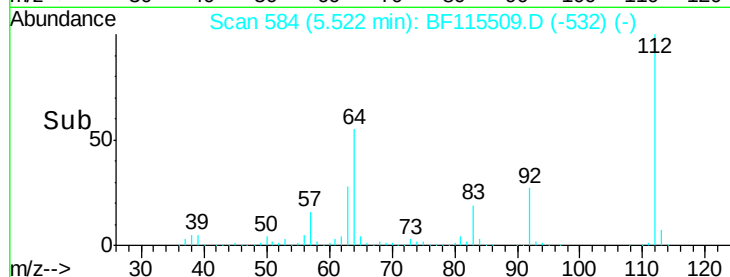
63 27.9 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.095 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

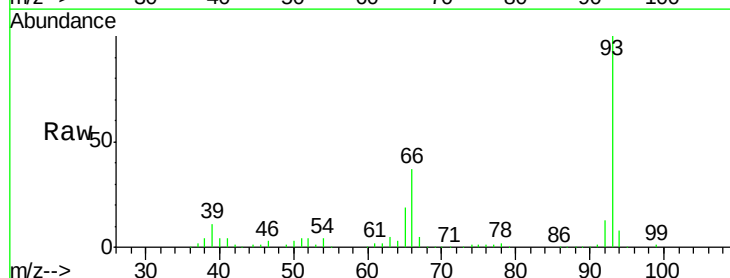
Tgt Ion: 93 Resp: 402697

Ion Ratio Lower Upper

93 100

66 37.1 31.3 46.9

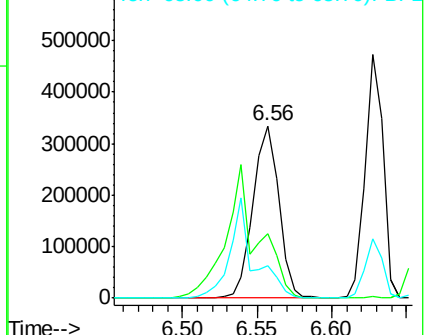
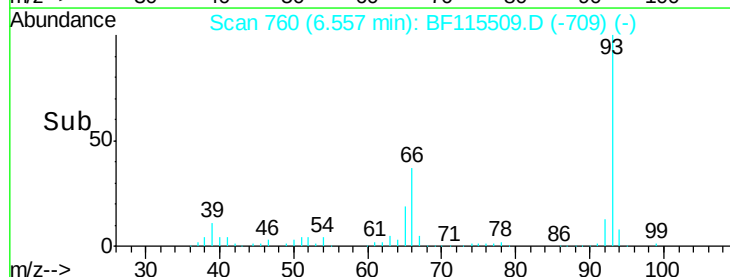
65 18.9 15.9 23.9

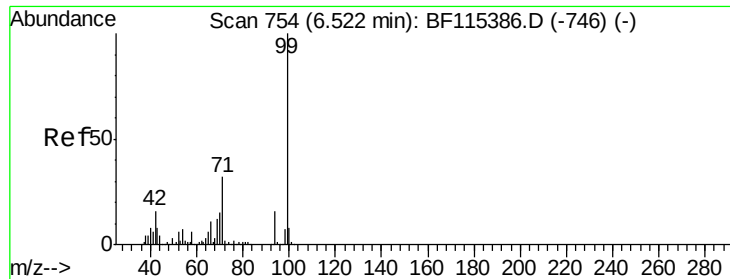


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.892 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

Instrument :

BNA_F

ClientSampleId :

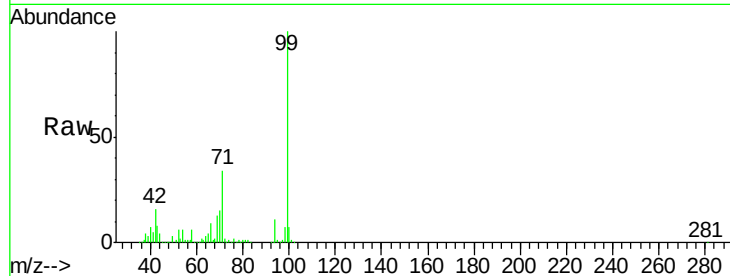
Tot Ion: 99 Resp: 1483879

Ion Ratio Lower Upper

99 100

42 15.8 12.8 19.2

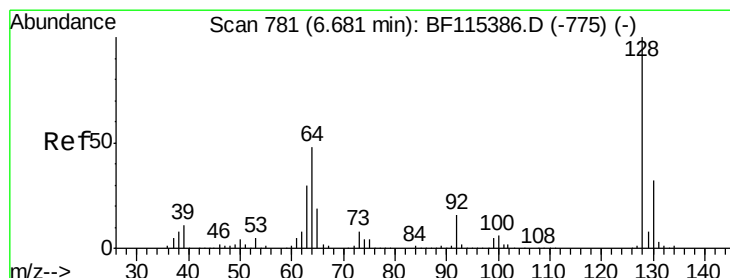
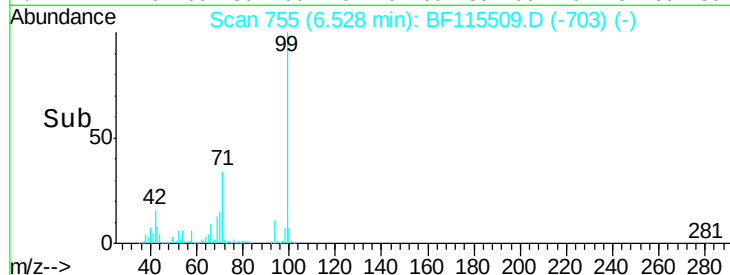
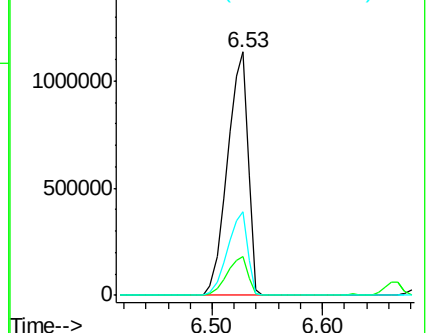
71 34.1 26.5 39.7



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: 36.402 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

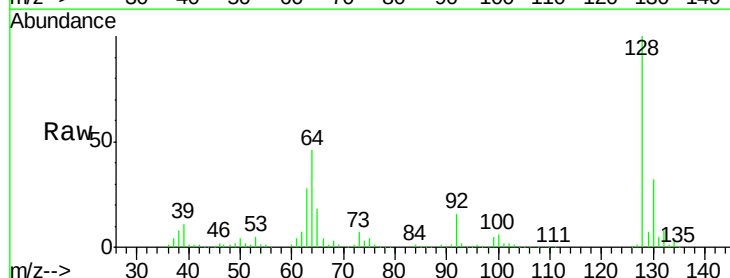
Tgt Ion: 128 Resp: 417422

Ion Ratio Lower Upper

128 100

130 32.5 11.8 51.8

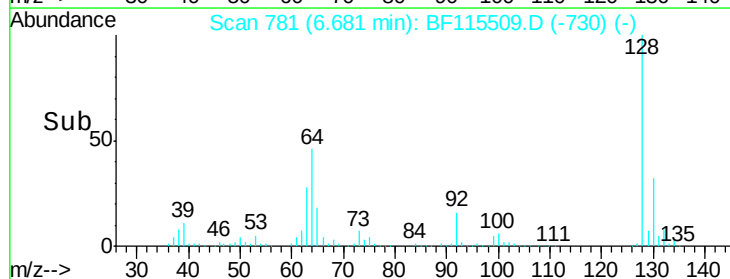
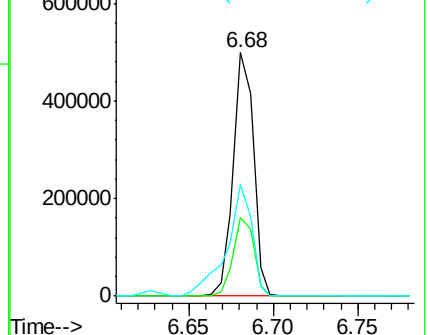
64 45.9 27.0 67.0

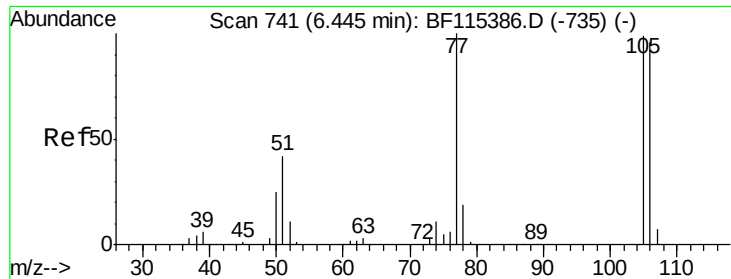


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

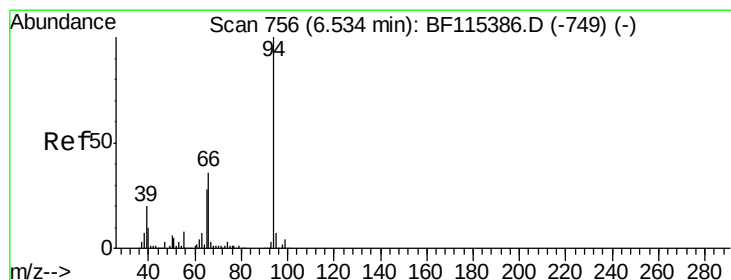
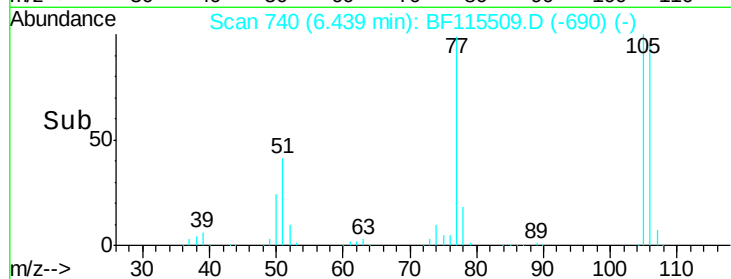
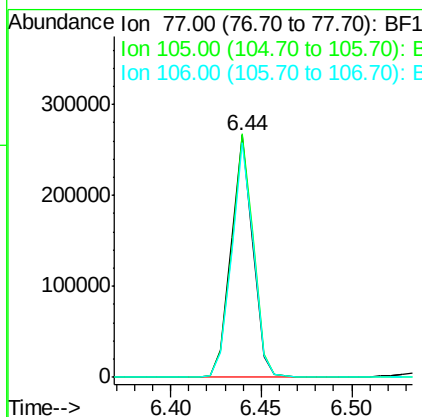
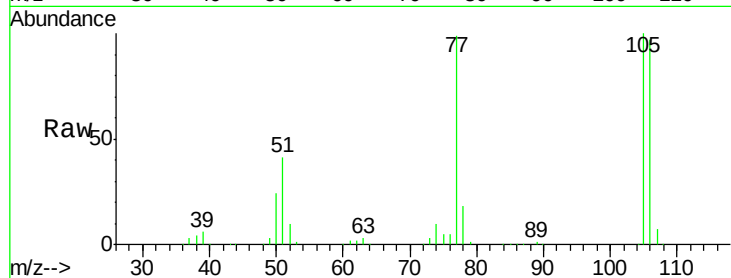




#9
Benzaldehyde
Concen: 27.951 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

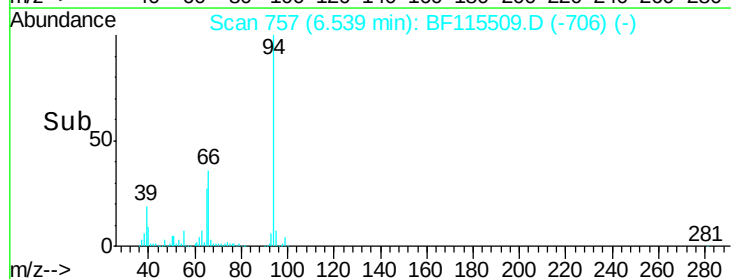
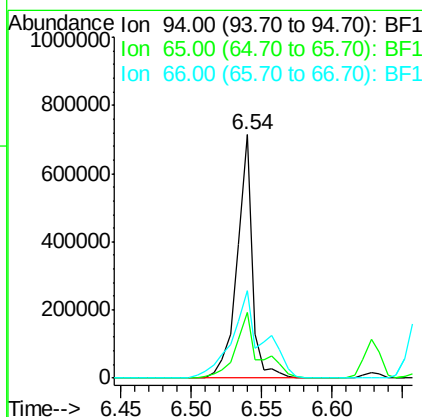
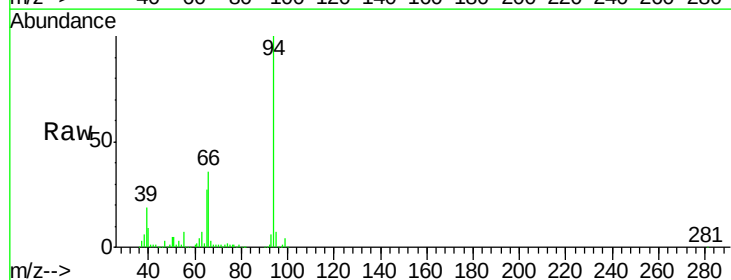
Instrument :
BNA_F
ClientSampleId :

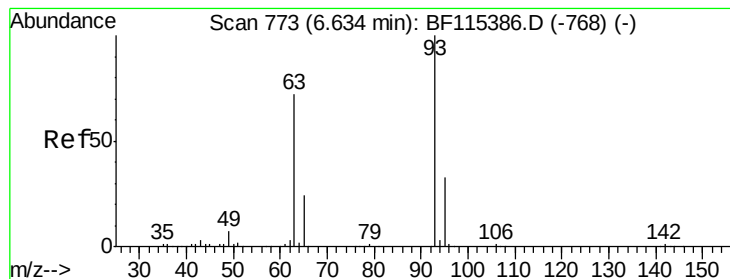
Tot Ion: 77 Resp: 222653
Ion Ratio Lower Upper
77 100
105 100.7 82.9 122.9
106 97.2 77.8 117.8



#10
Phenol
Concen: 34.531 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

Tgt Ion: 94 Resp: 533599
Ion Ratio Lower Upper
94 100
65 27.1 7.2 47.2
66 36.1 16.9 56.9





#11

bis(2-Chloroethyl)ether

Concen: 34.022 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

Instrument :

BNA_F

ClientSampleId :

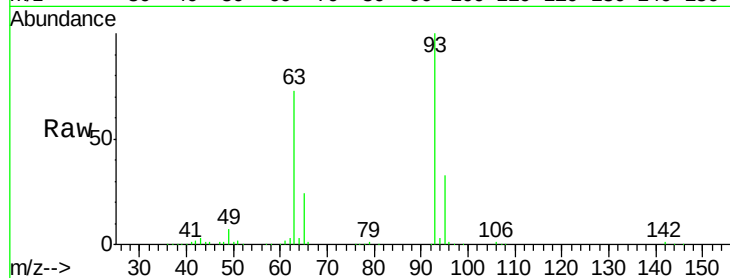
Tot Ion: 93 Resp: 390018

Ion Ratio Lower Upper

93 100

63 73.0 50.0 90.0

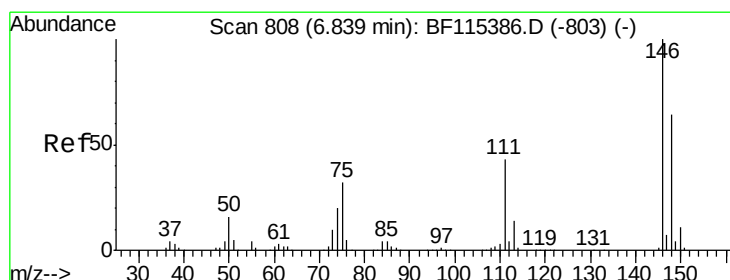
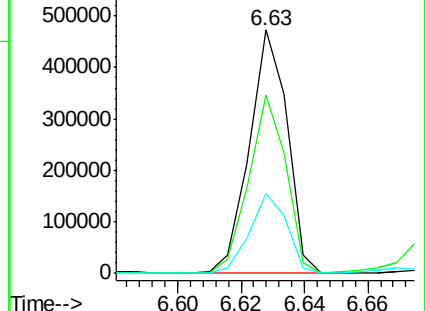
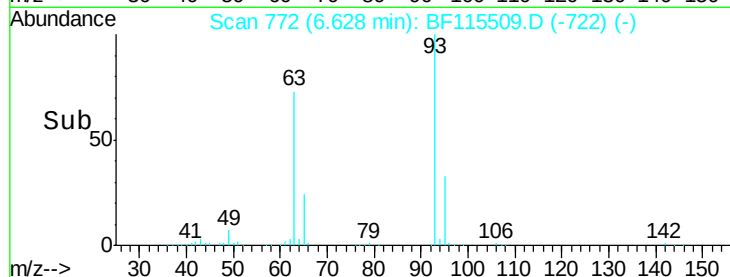
95 33.0 12.6 52.6



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: 34.877 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

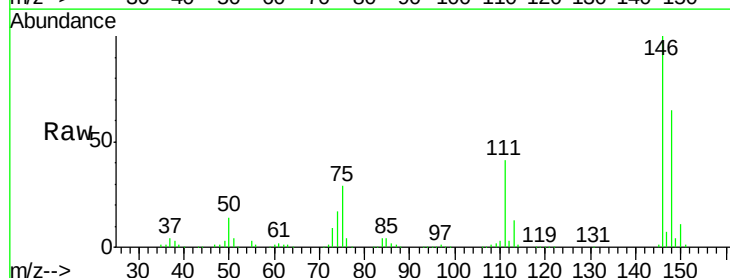
Tgt Ion: 146 Resp: 438160

Ion Ratio Lower Upper

146 100

148 64.9 52.3 78.5

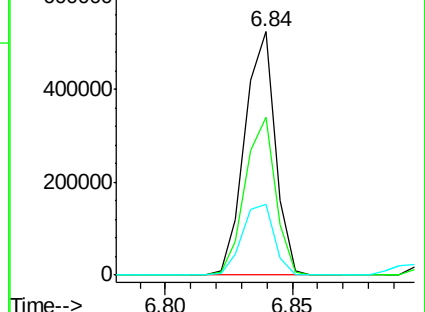
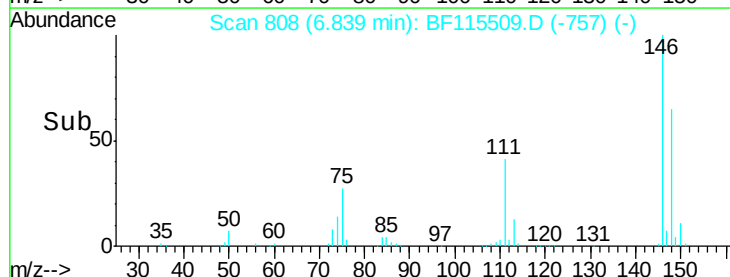
75 28.9 24.8 37.2

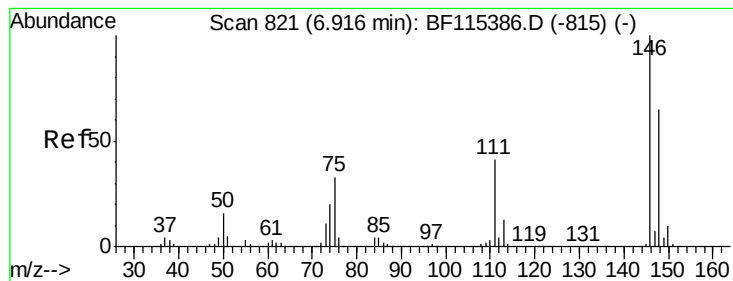


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 35.620 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

Instrument :

BNA_F

ClientSampleId :

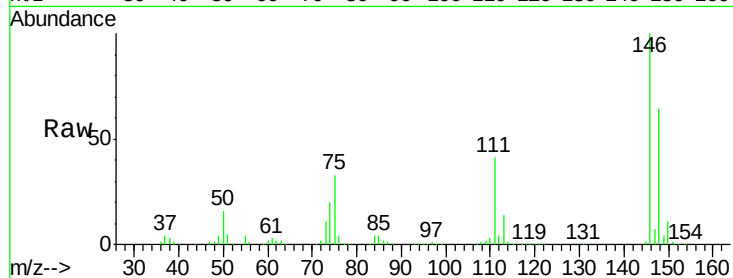
Tot Ion:146 Resp: 448234

Ion Ratio Lower Upper

146 100

148 63.5 51.3 76.9

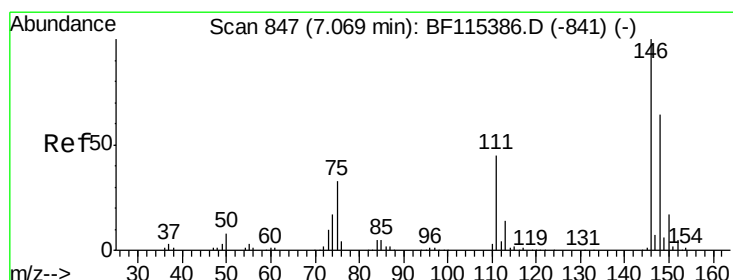
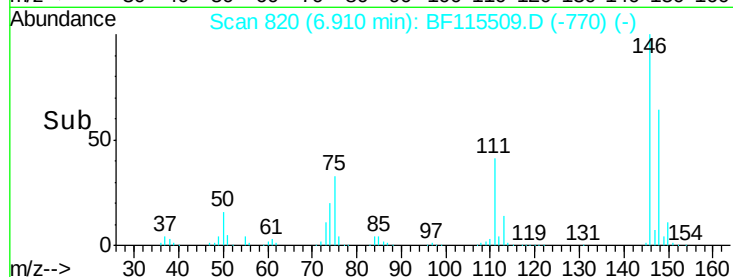
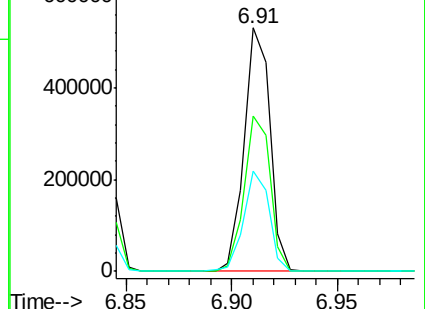
111 41.4 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.745 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

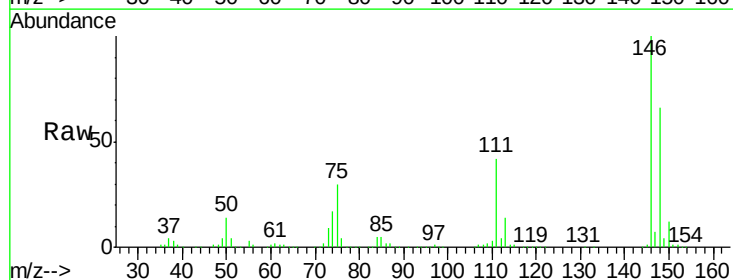
Tgt Ion:146 Resp: 416456

Ion Ratio Lower Upper

146 100

148 65.9 50.6 75.8

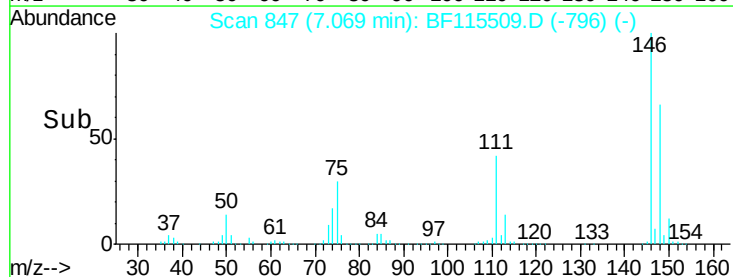
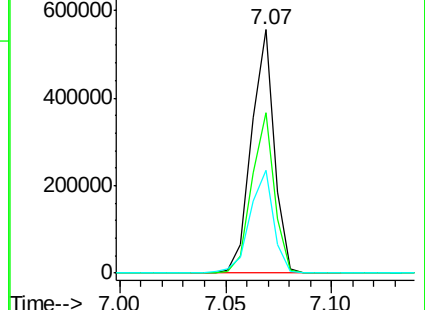
111 42.1 35.4 53.2

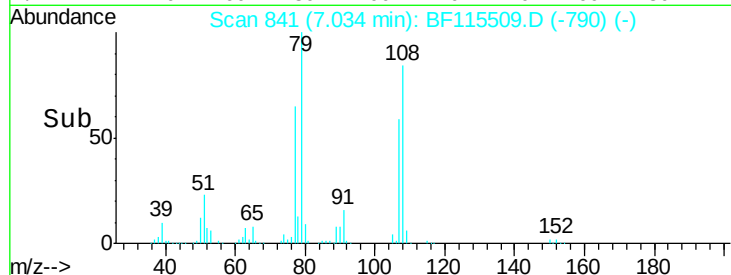
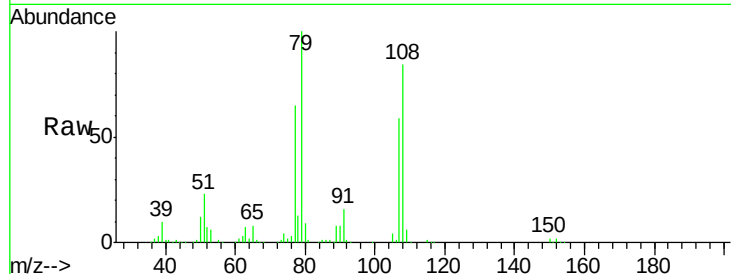
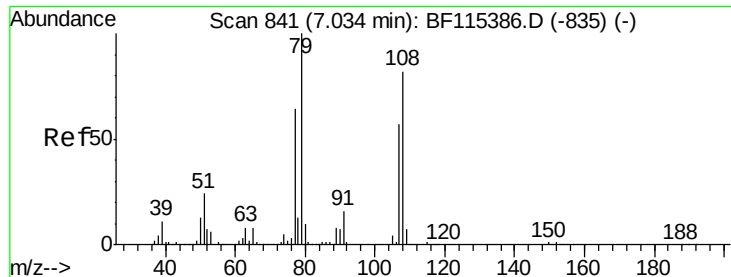


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.901 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

Instrument :

BNA_F

ClientSampleId :

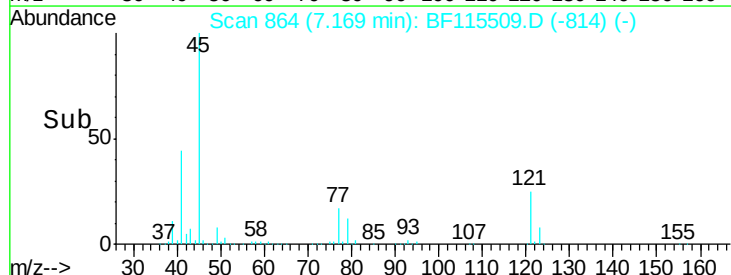
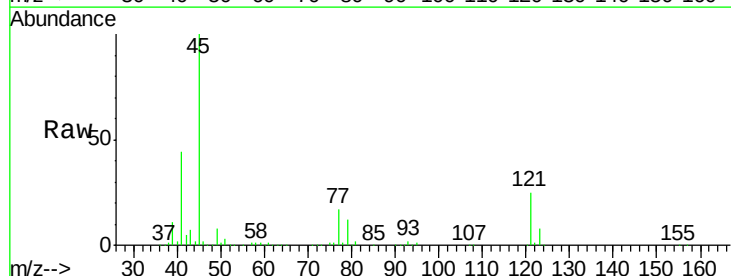
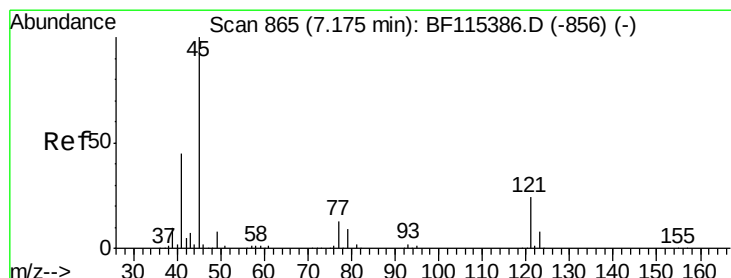
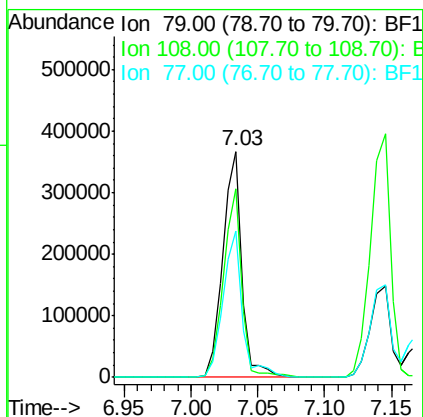
Tot Ion: 79 Resp: 372079

Ion Ratio Lower Upper

79 100

108 83.6 65.3 97.9

77 64.5 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.161 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

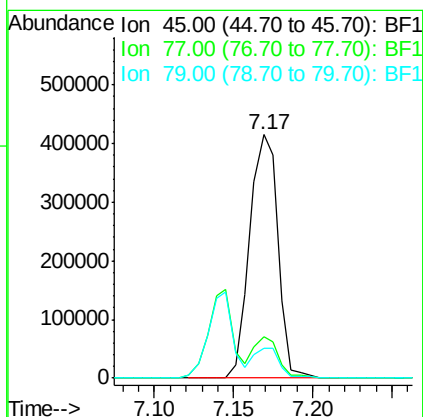
Tgt Ion: 45 Resp: 515520

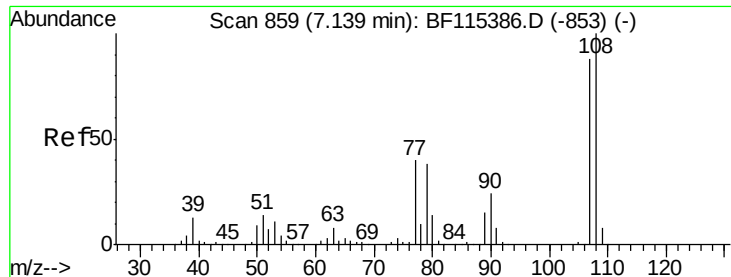
Ion Ratio Lower Upper

45 100

77 16.7 0.0 36.4

79 12.5 0.0 33.4





#17

2-Methylphenol

Concen: 36.426 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 357840

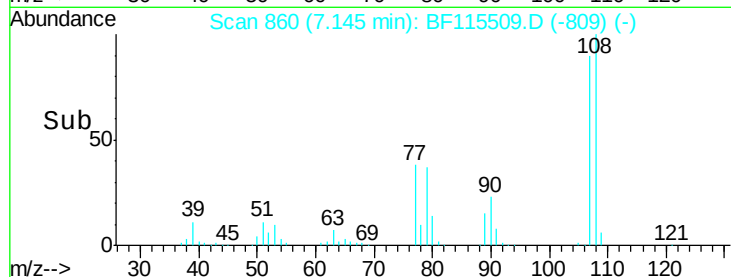
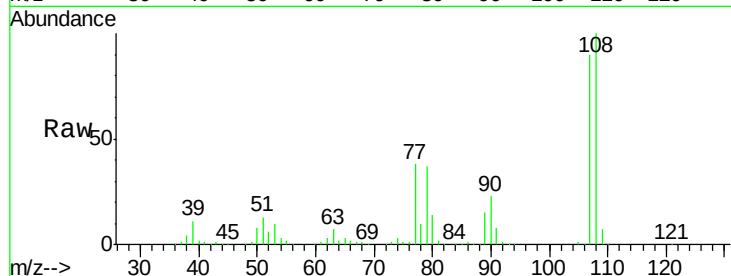
Ion Ratio Lower Upper

107 100

108 111.6 90.0 135.0

77 42.7 35.0 52.4

79 41.6 34.4 51.6

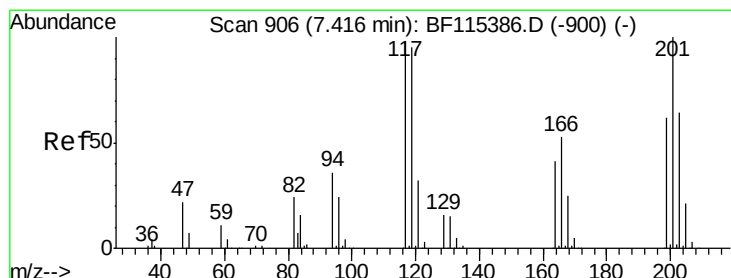
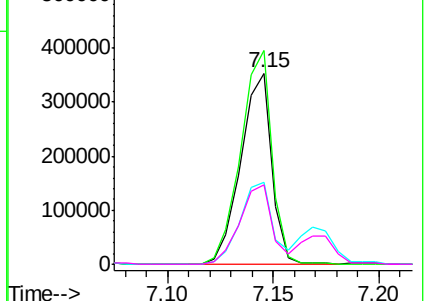


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 34.496 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

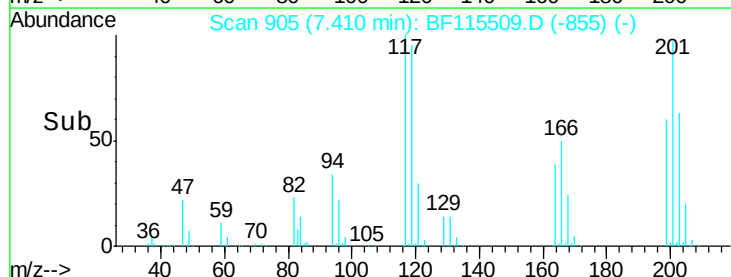
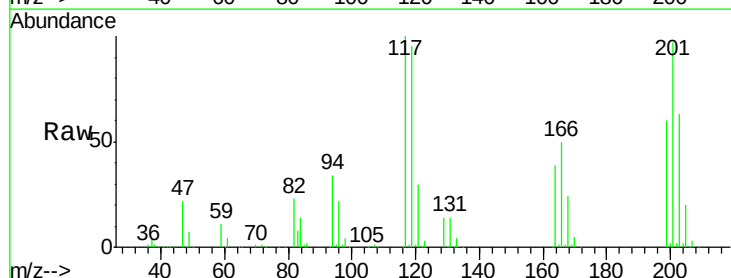
Tgt Ion:117 Resp: 161712

Ion Ratio Lower Upper

117 100

119 95.2 76.8 115.2

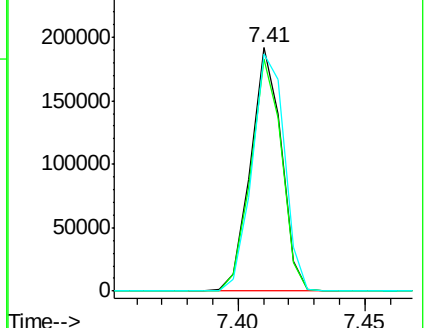
201 97.2 85.8 128.6

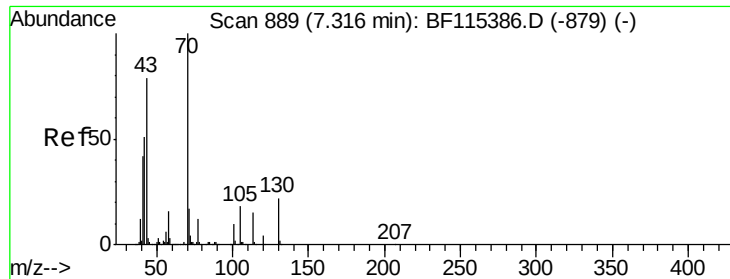


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

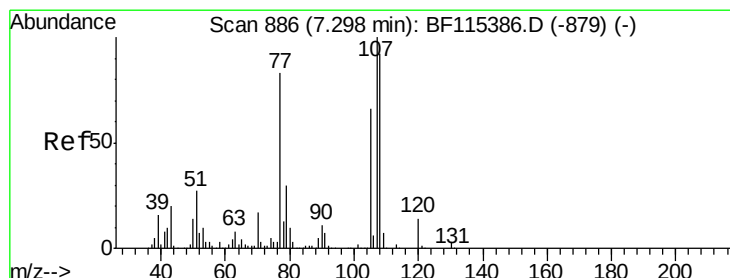
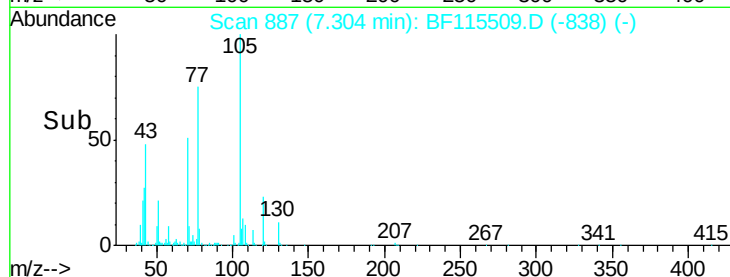
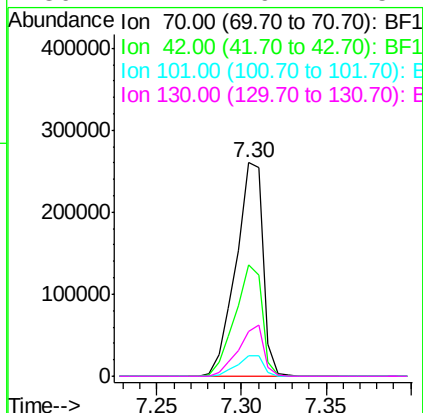
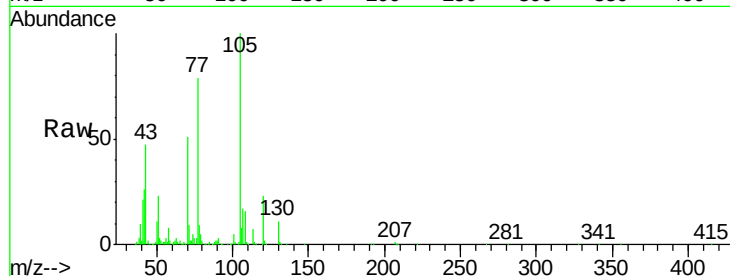




#19
n-Nitroso-di-n-propylamine
Concen: 33.309 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

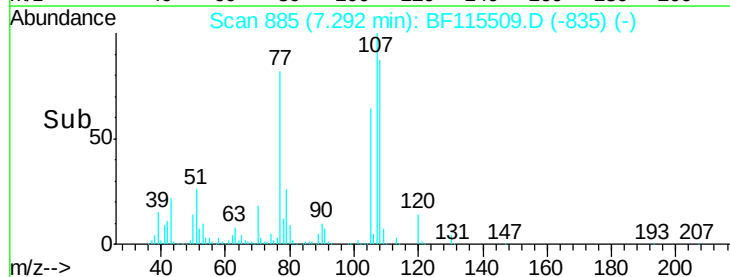
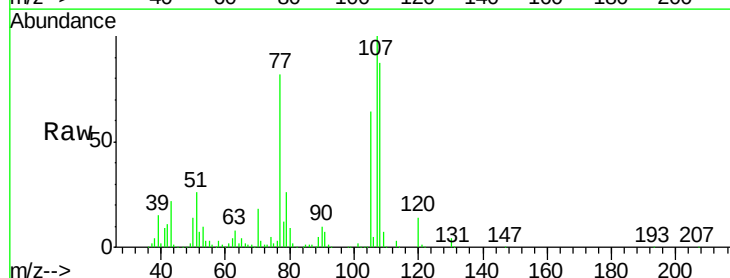
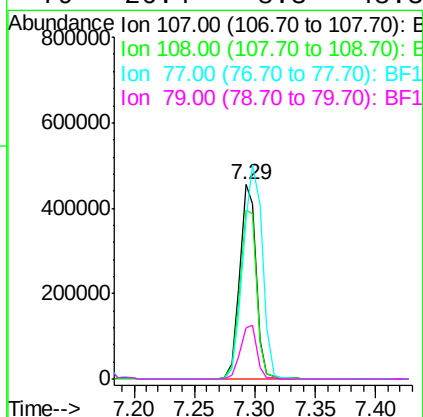
Instrument :
BNA_F
ClientSampleId :

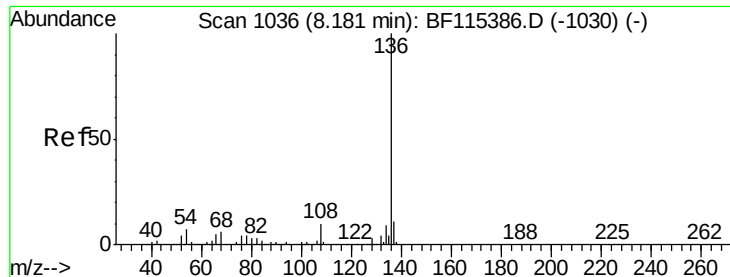
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.3	38.5	57.7	
101	9.7	8.0	12.0	
130	21.2	19.1	28.7	



#20
3+4-Methylphenols
Concen: 37.230 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.3	70.5	110.5	
77	82.4	63.0	103.0	
79	26.4	8.3	48.3	

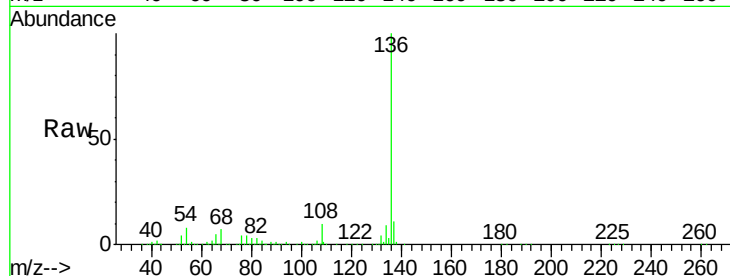




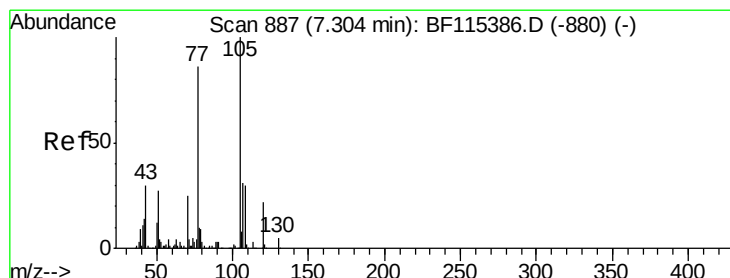
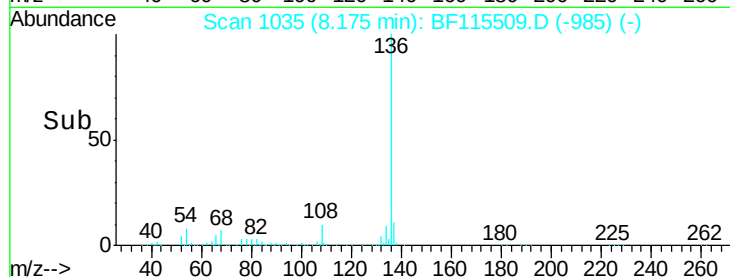
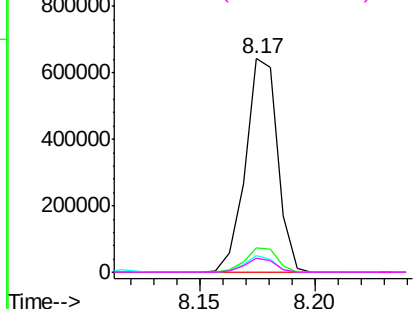
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 627083
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 7.6	5.4 8.0
68 6.8	4.8 7.2

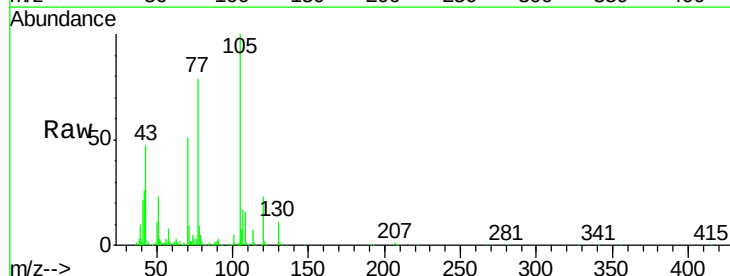


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

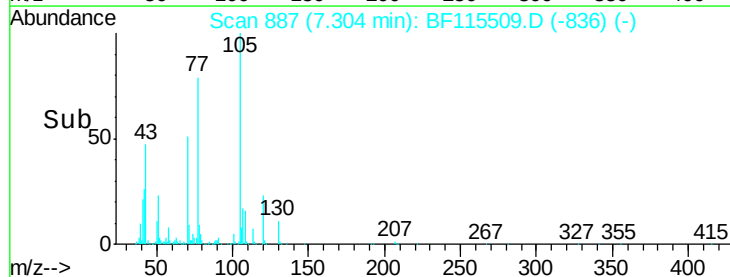
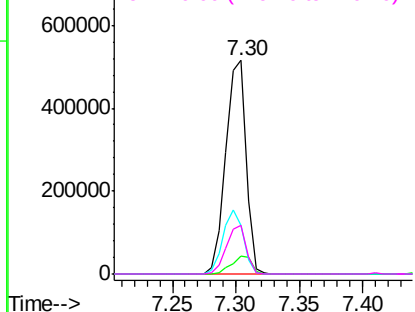


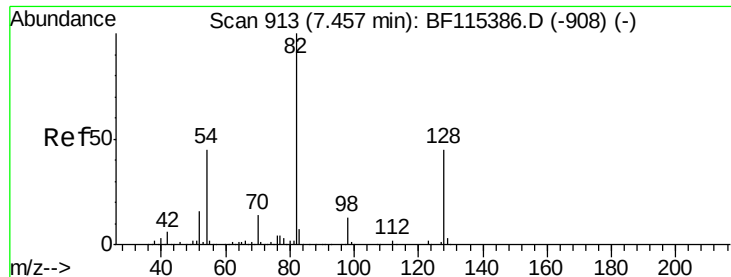
#22
Acetophenone
Concen: 37.964 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

Tgt	Ion:105	Resp:	570459
Ion	Ratio	Lower	Upper
105	100		
71	8.5	3.5	5.3#
51	23.0	22.6	33.8
120	23.0	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

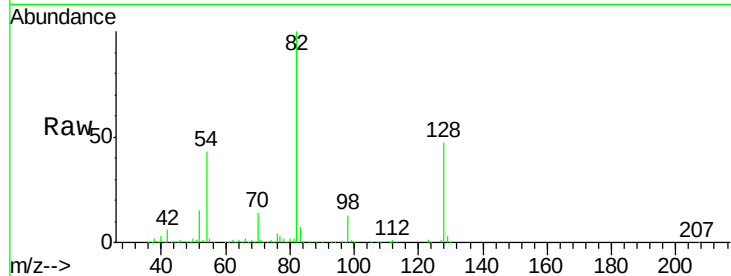




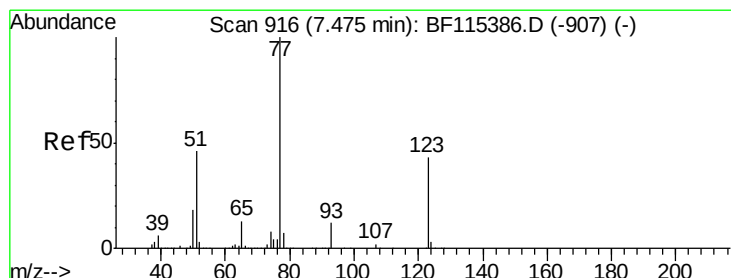
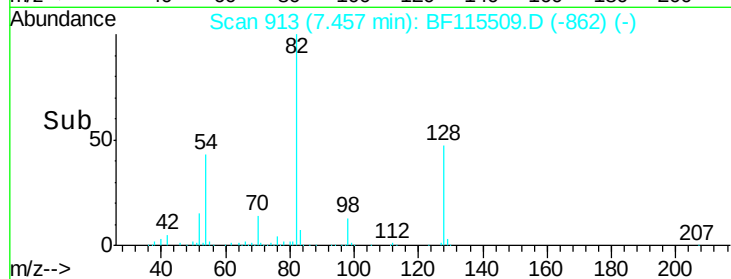
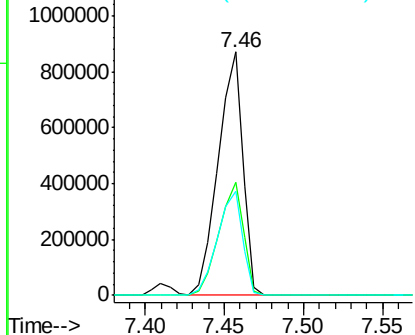
#23
 Nitrobenzene-d5
 Concen: 88.680 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF115509.D
 Acq: 11 Jul 2019 22:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	941215
Ion Ratio	100	Lower	Upper
128	46.6	36.7	55.1
54	43.0	35.6	53.4

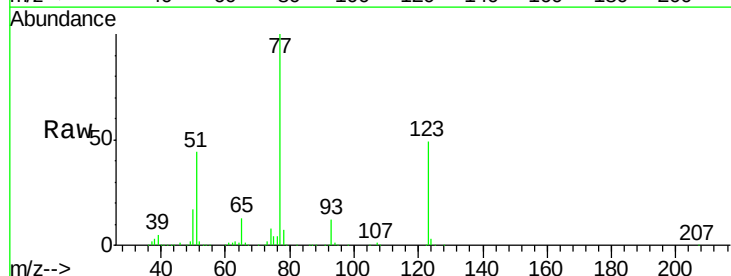


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

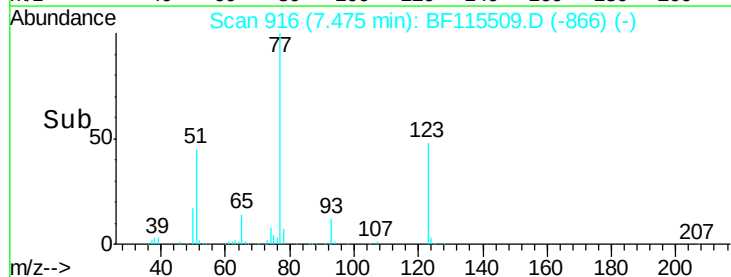
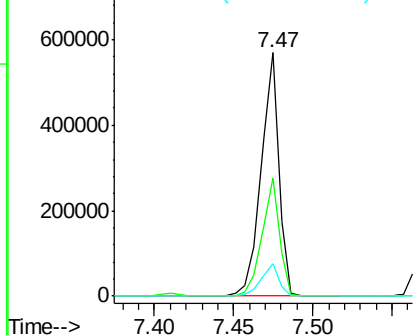


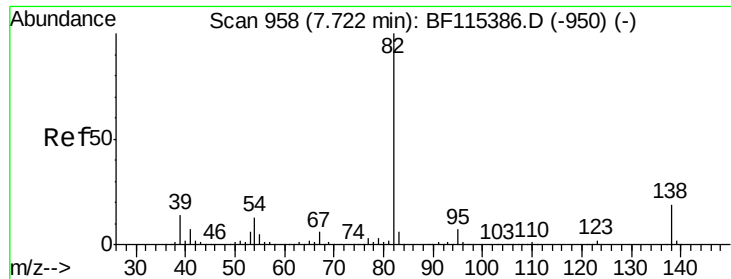
#24
 Nitrobenzene
 Concen: 37.412 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF115509.D
 Acq: 11 Jul 2019 22:01

Tgt Ion	77	Resp	448436
Ion Ratio	100	Lower	Upper
123	48.7	40.4	60.6
65	13.2	10.4	15.6



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: 35.603 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

Instrument :

BNA_F

ClientSampleId :

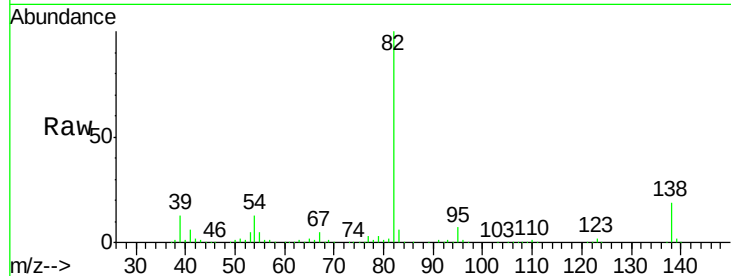
Tot Ion: 82 Resp: 819042

Ion Ratio Lower Upper

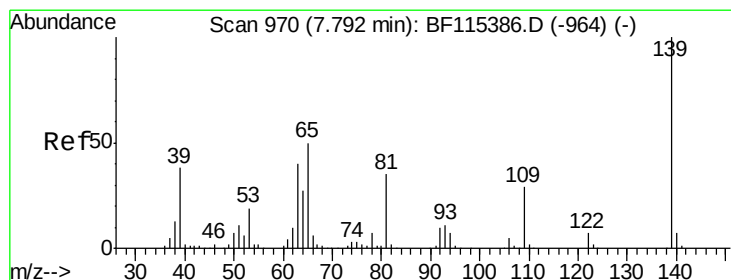
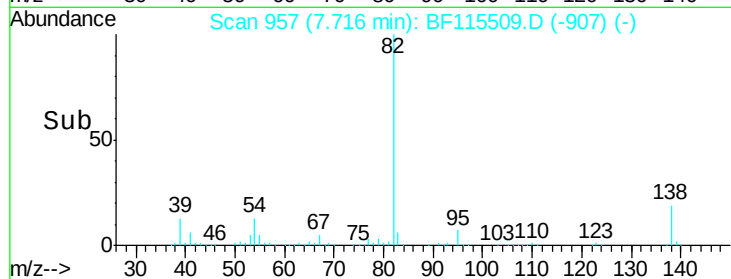
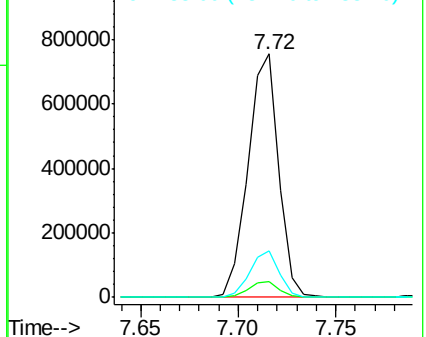
82 100

95 6.7 5.4 8.2

138 19.2 15.1 22.7



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: 47.147 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

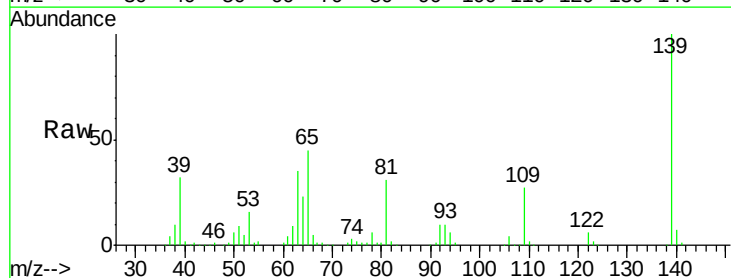
Tgt Ion: 139 Resp: 232337

Ion Ratio Lower Upper

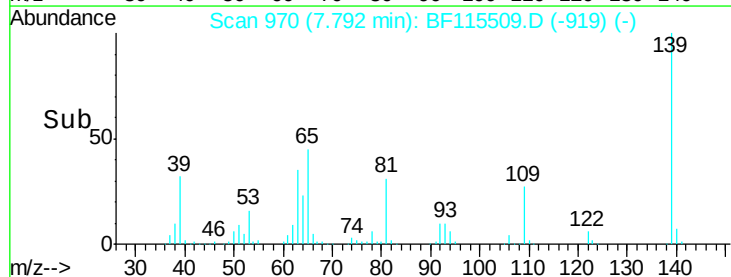
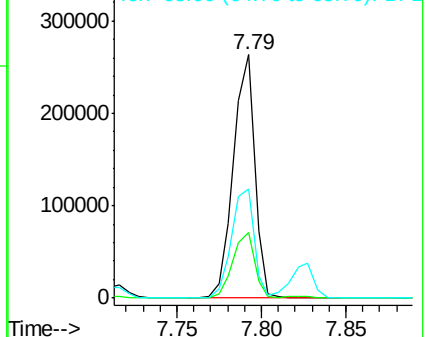
139 100

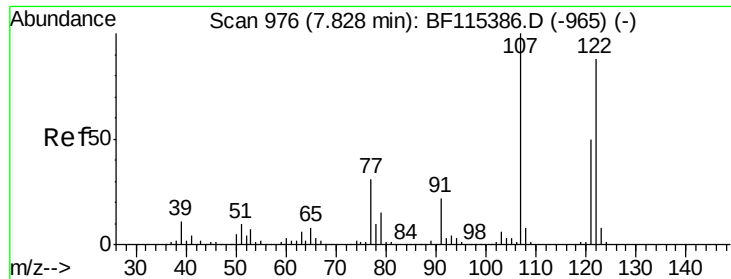
109 27.1 22.2 33.4

65 44.8 37.5 56.3



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





#27

2,4-Dimethylphenol

Concen: 39.506 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

Instrument :

BNA_F

ClientSampleId :

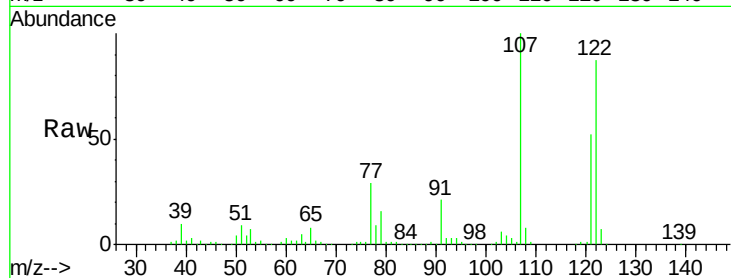
Tot Ion:122 Resp: 371225

Ion Ratio Lower Upper

122 100

107 114.6 91.7 137.5

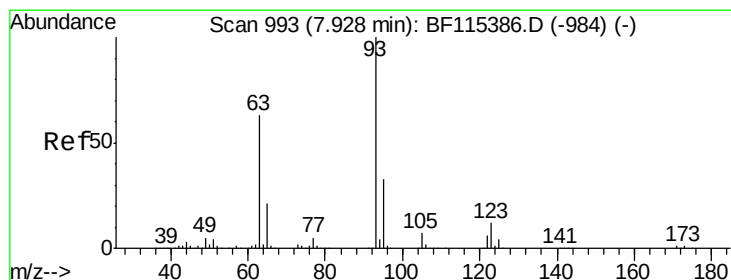
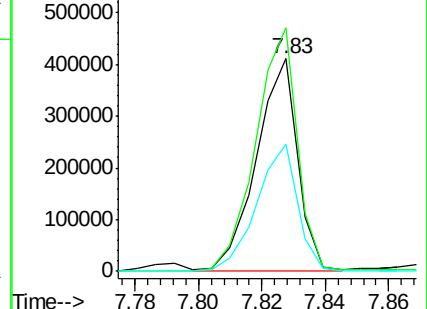
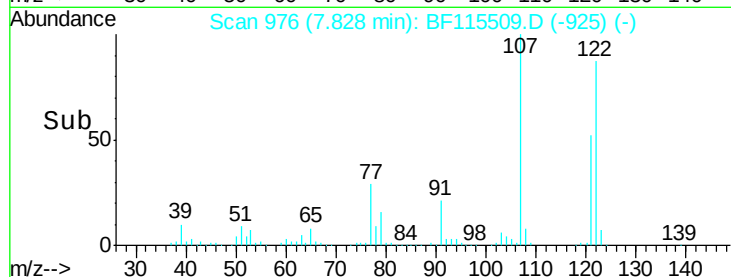
121 59.9 47.7 71.5



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: 35.462 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

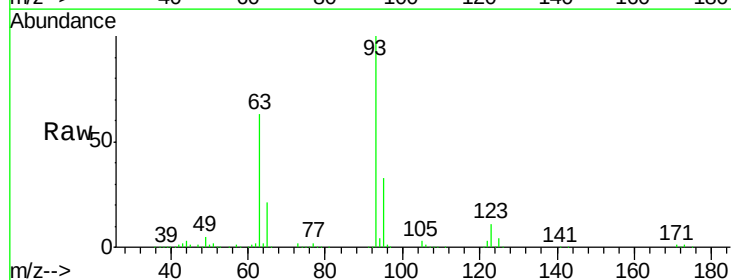
Tgt Ion: 93 Resp: 503055

Ion Ratio Lower Upper

93 100

95 32.7 26.6 39.8

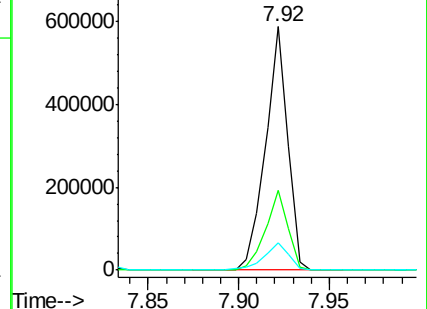
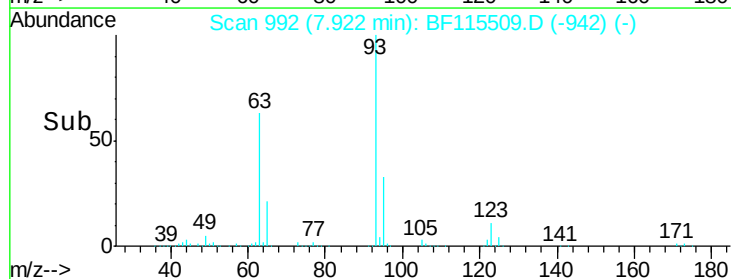
123 11.4 10.4 15.6

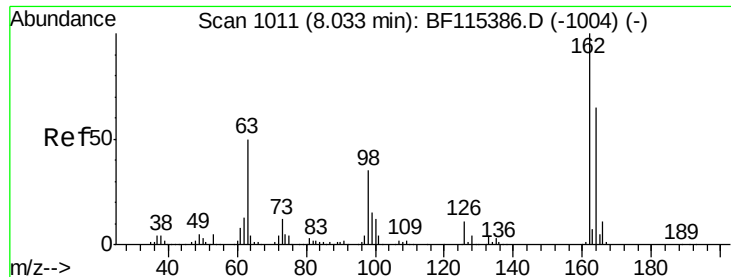


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

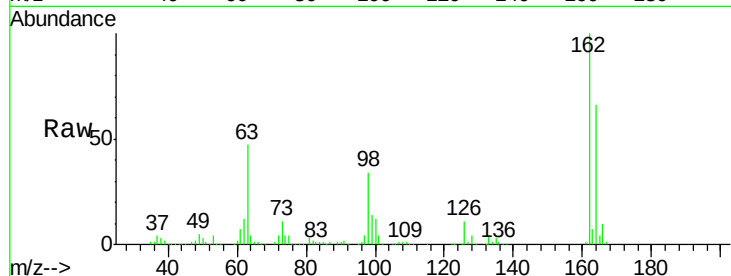




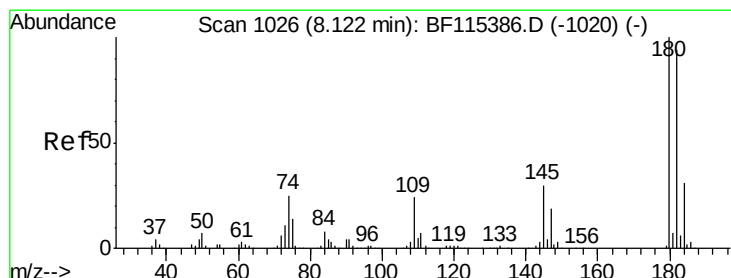
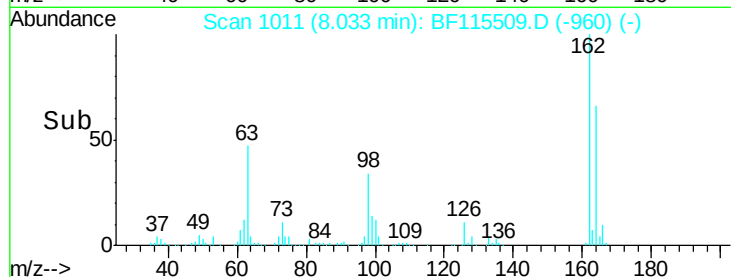
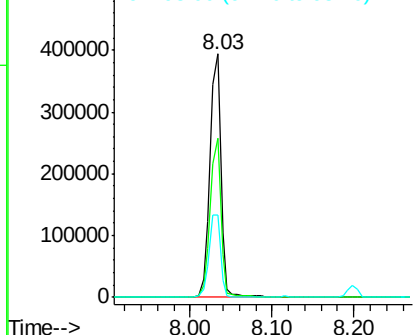
#29
2,4-Dichlorophenol
Concen: 39.389 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 368654
Ion Ratio Lower Upper
162 100
164 65.6 45.2 85.2
98 34.0 17.0 57.0

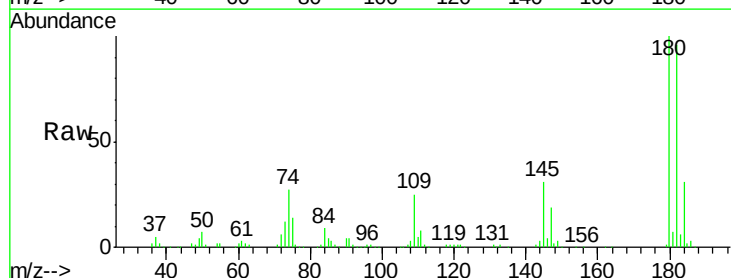


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

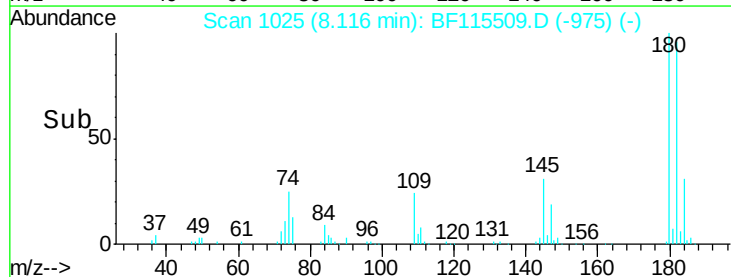
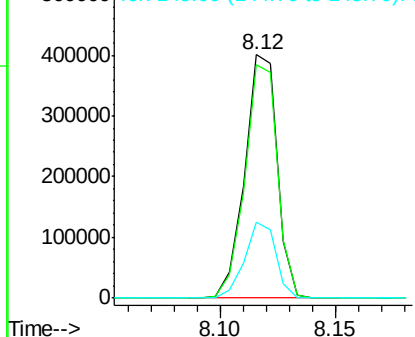


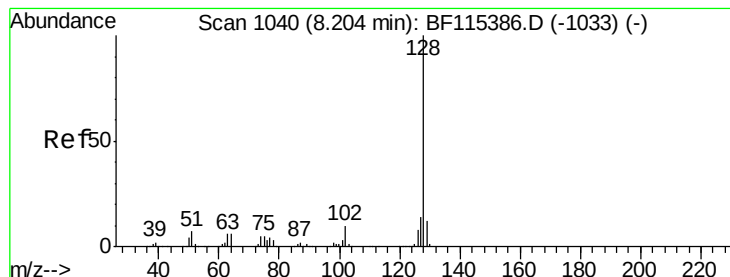
#30
1,2,4-Trichlorobenzene
Concen: 37.747 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

Tgt Ion:180 Resp: 393297
Ion Ratio Lower Upper
180 100
182 95.8 77.1 115.7
145 31.1 23.9 35.9



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: 38.425 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

Instrument :

BNA_F

ClientSampleId :

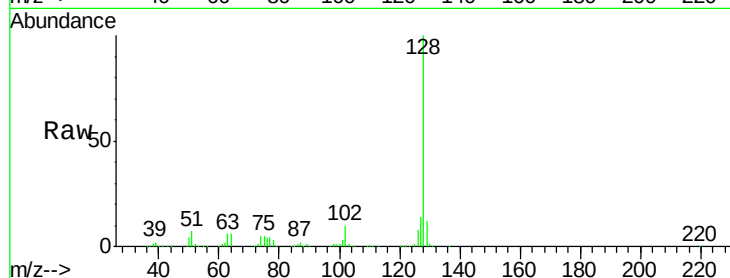
Tot Ion:128 Resp: 1196838

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

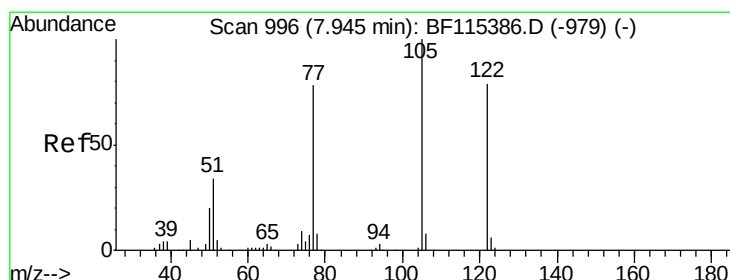
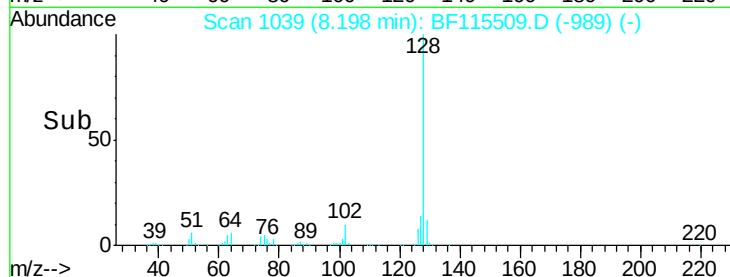
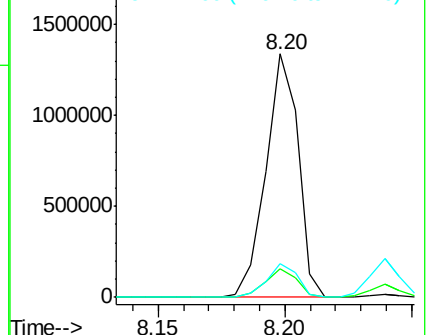
127 14.0 11.1 16.7



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: 21.012 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.03 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

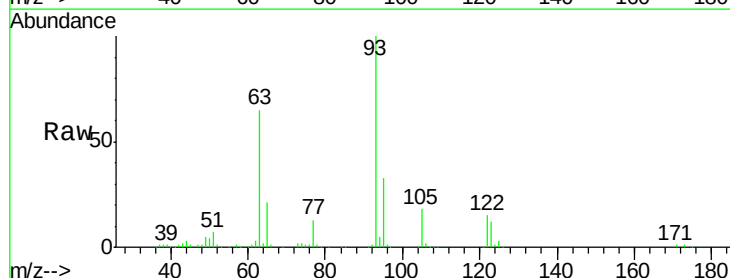
Tgt Ion:122 Resp: 117237

Ion Ratio Lower Upper

122 100

105 123.3 101.6 141.6

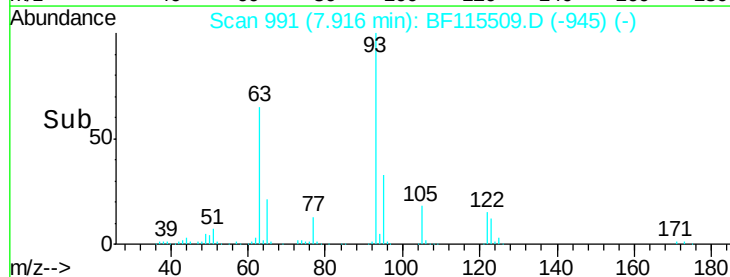
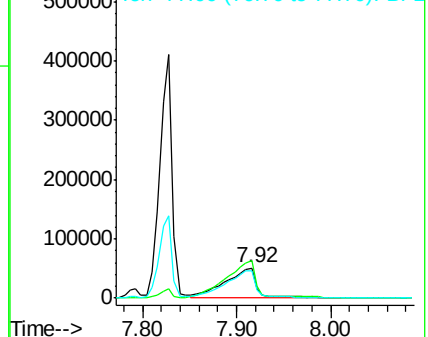
77 90.7 69.1 109.1

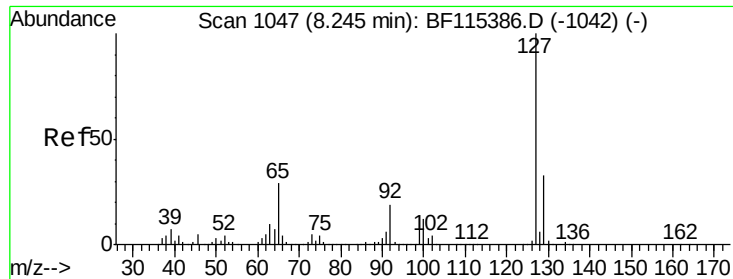


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

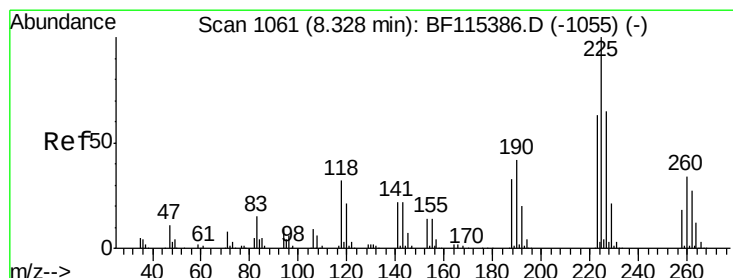
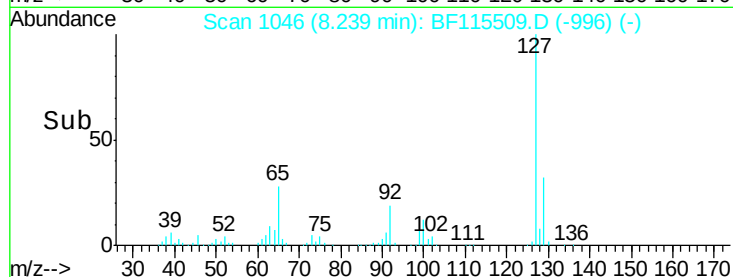
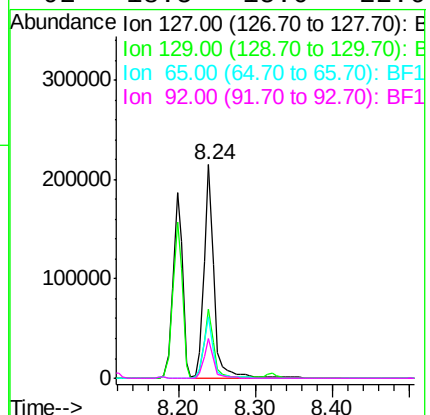
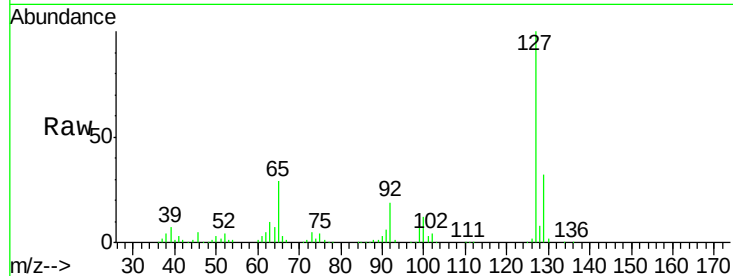




#33
4-Chloroaniline
Concen: 14.159 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

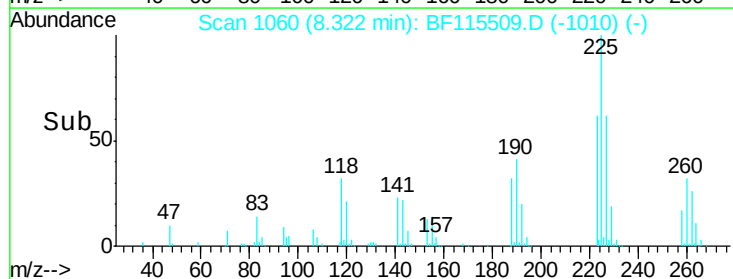
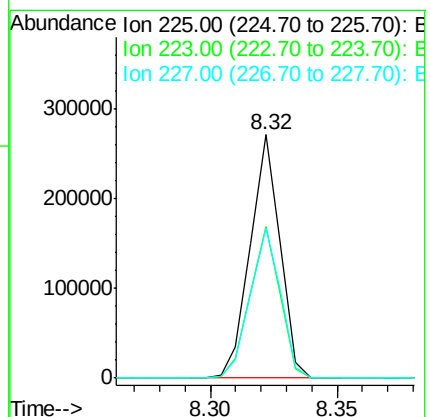
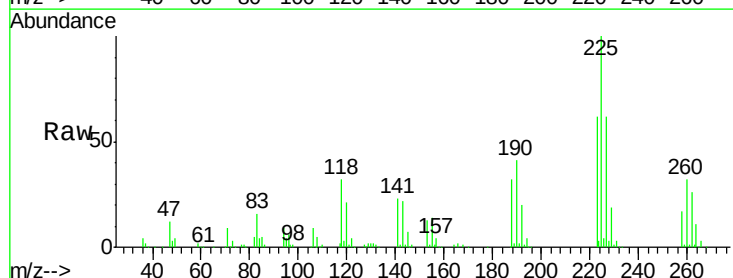
Instrument :
BNA_F
ClientSampleId :

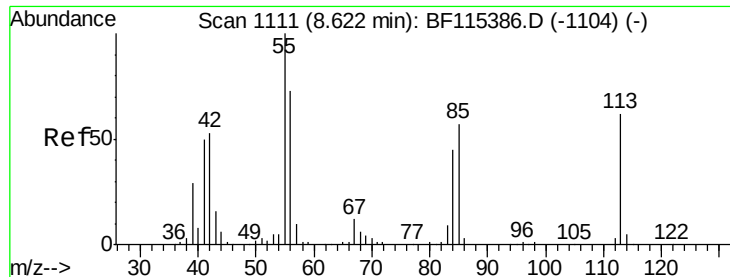
Tot Ion:	127	Resp:	196775
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	28.6	23.2	34.8
92	18.5	15.0	22.6



#34
Hexachlorobutadiene
Concen: 37.534 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

Tgt Ion:	225	Resp:	221783
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	76.0
227	61.8	51.4	77.2

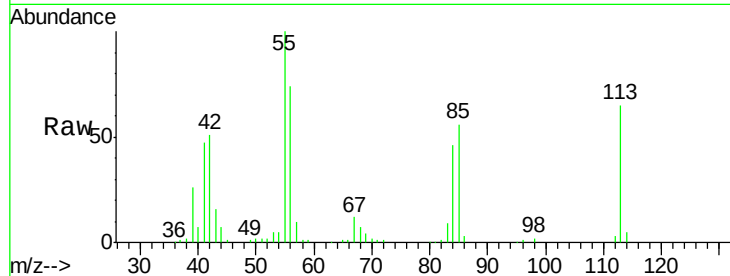




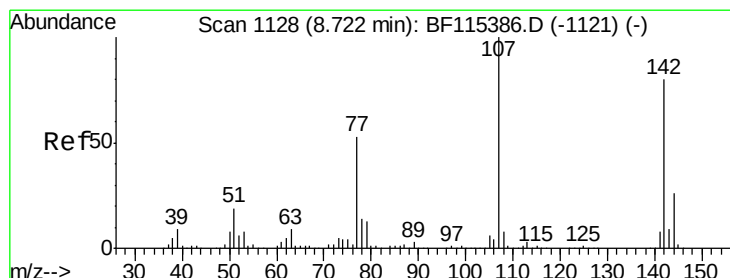
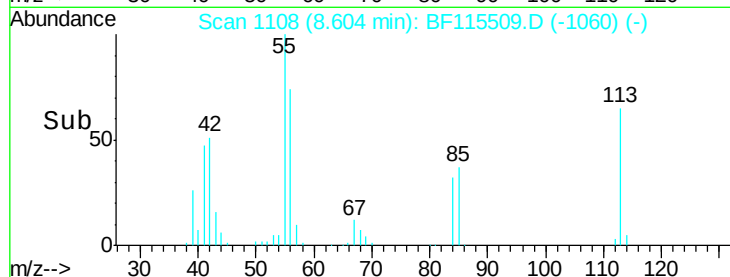
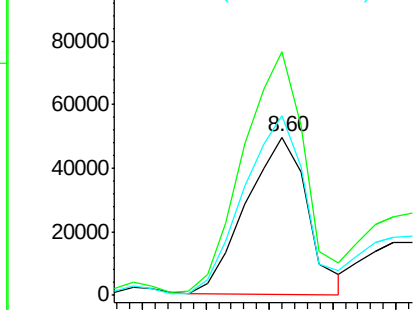
#35
Caprolactam
Concen: 21.815 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 66499
Ion Ratio Lower Upper
113 100
55 153.9 138.1 178.1
56 113.9 95.7 135.7

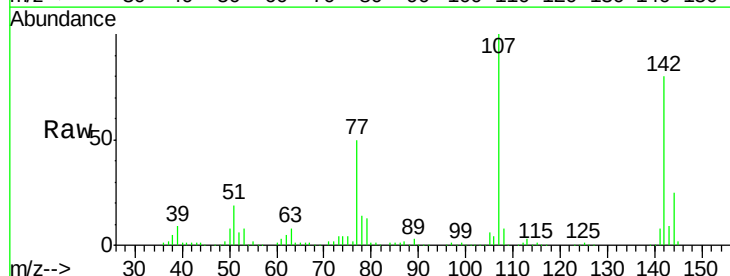


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

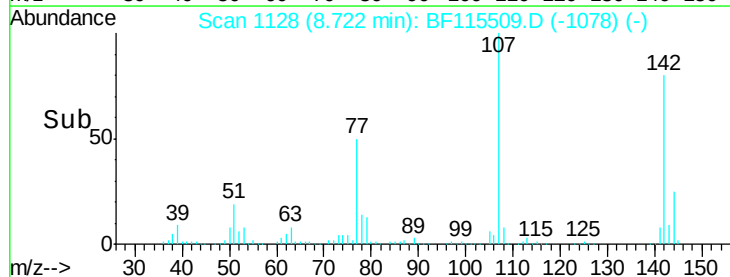
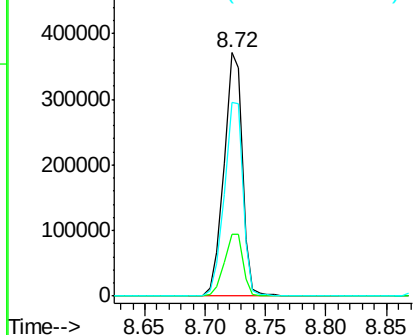


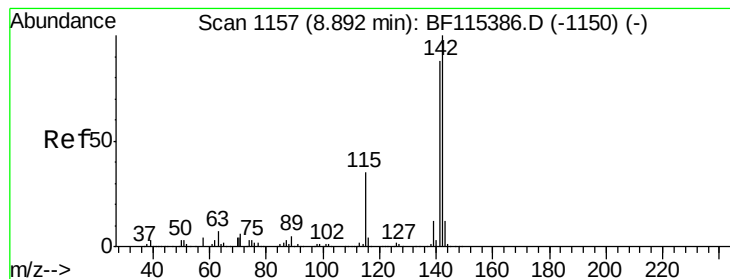
#36
4-Chloro-3-methylphenol
Concen: 39.715 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

Tgt Ion:107 Resp: 393164
Ion Ratio Lower Upper
107 100
144 25.5 21.5 32.3
142 79.6 66.2 99.2



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: 38.901 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

Instrument :

BNA_F

ClientSampleId :

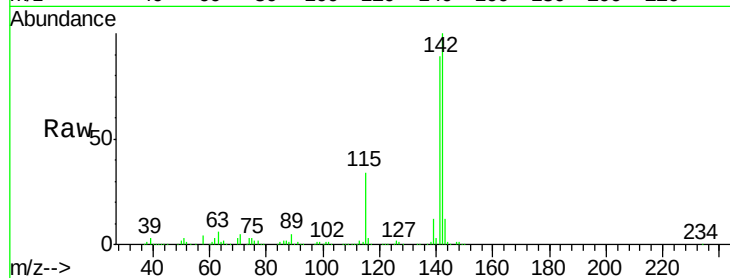
Tot Ion:142 Resp: 809877

Ion Ratio Lower Upper

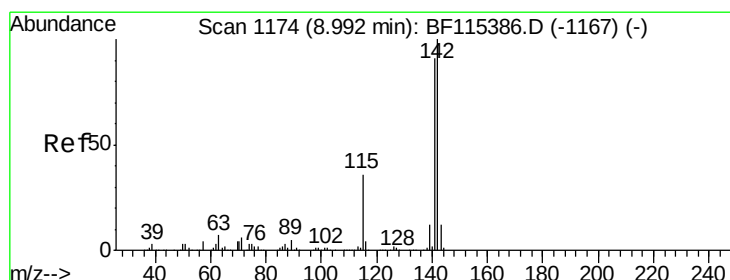
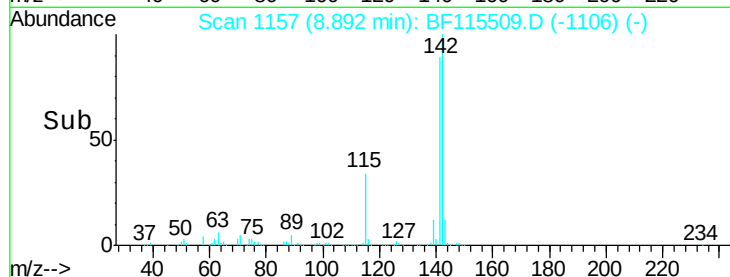
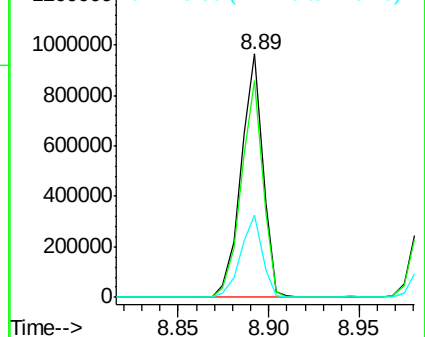
142 100

141 88.9 72.1 108.1

115 34.0 27.6 41.4



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: 38.490 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

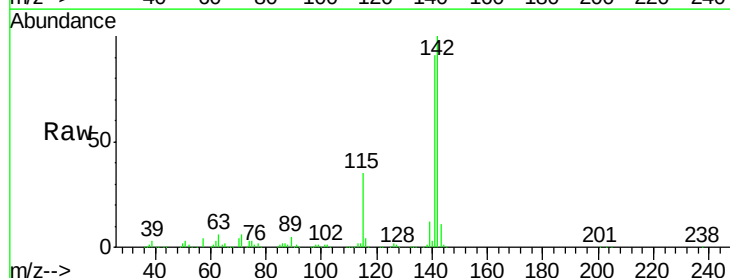
Tgt Ion:142 Resp: 764571

Ion Ratio Lower Upper

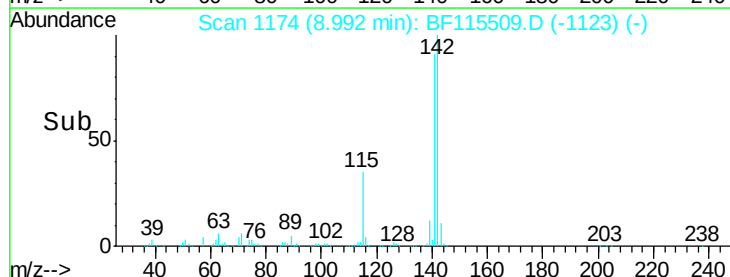
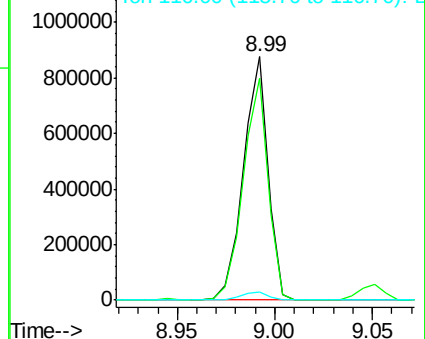
142 100

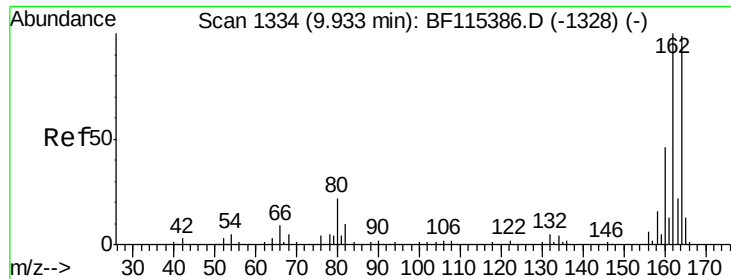
141 91.1 74.3 111.5

116 3.6 3.1 4.7



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

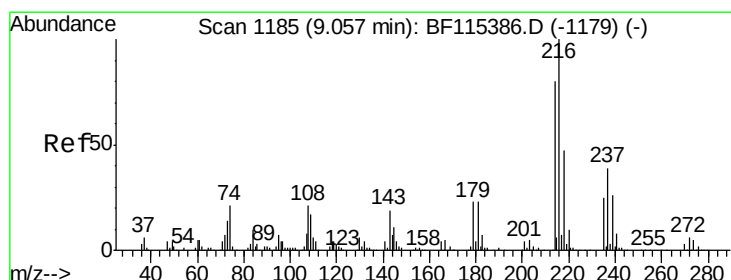
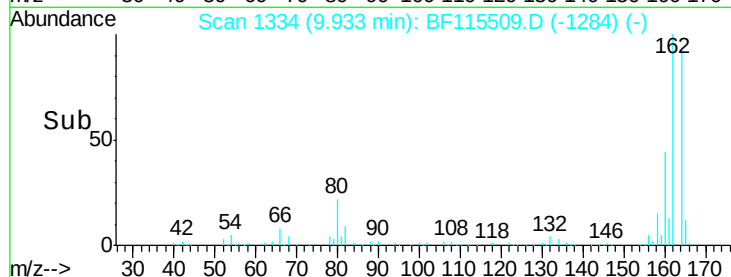
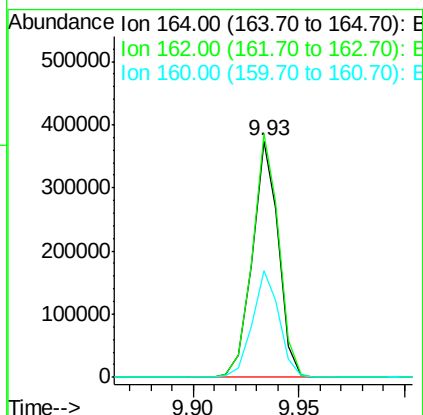
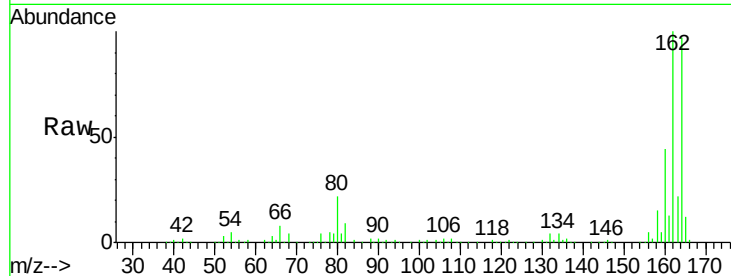




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

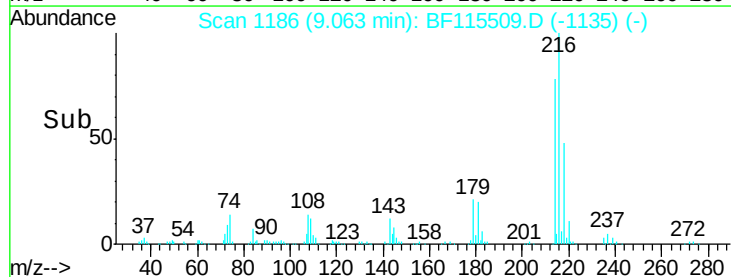
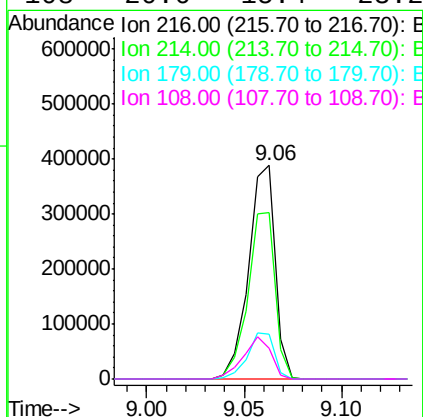
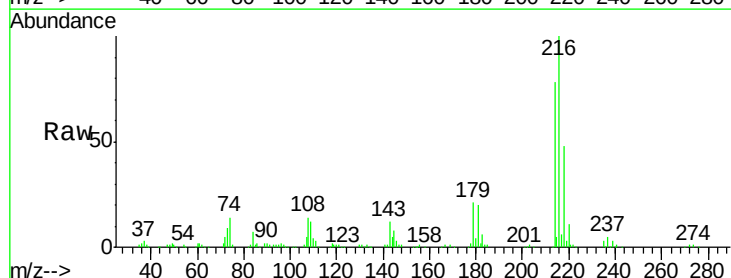
Instrument :
BNA_F
ClientSampled :

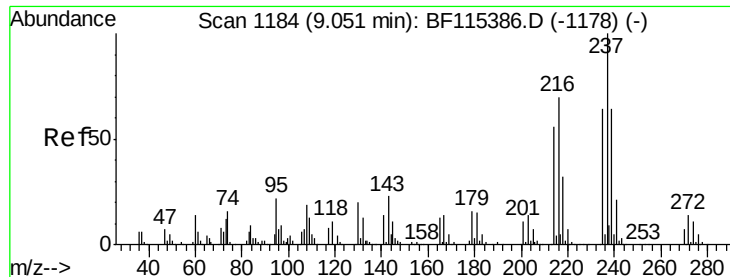
Tot Ion:164 Resp: 320983
Ion Ratio Lower Upper
164 100
162 103.0 82.3 123.5
160 45.4 37.2 55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.806 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

Tgt Ion:216 Resp: 367579
Ion Ratio Lower Upper
216 100
214 79.4 63.0 94.6
179 21.8 17.4 26.0
108 20.6 15.4 23.2





#41

Hexachlorocyclopentadiene

Concen: 73.928 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

Instrument :

BNA_F

ClientSampleId :

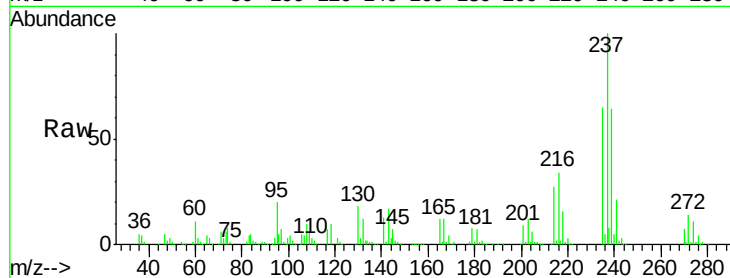
Tot Ion:237 Resp: 395668

Ion Ratio Lower Upper

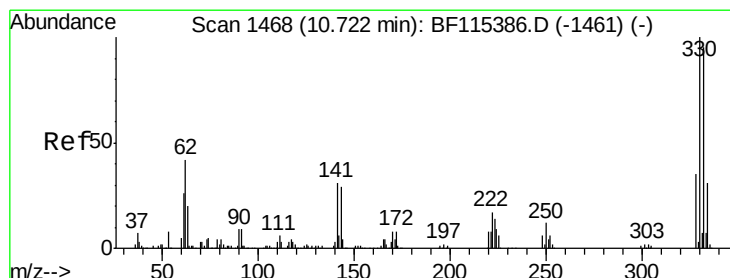
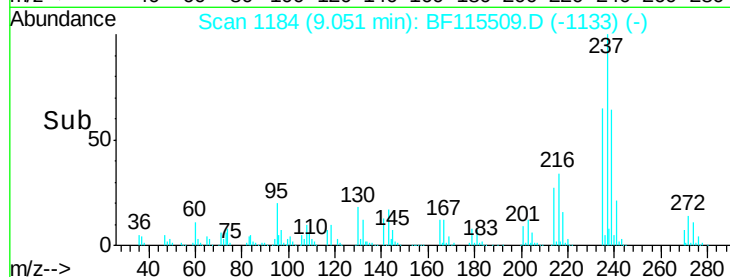
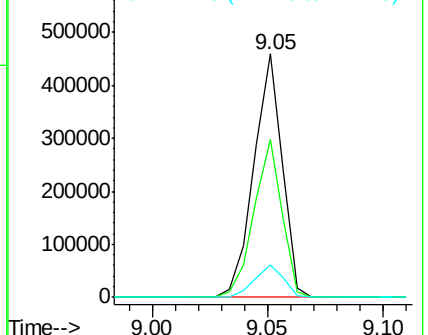
237 100

235 65.0 43.4 83.4

272 13.6 0.0 33.6



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: 130.511 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

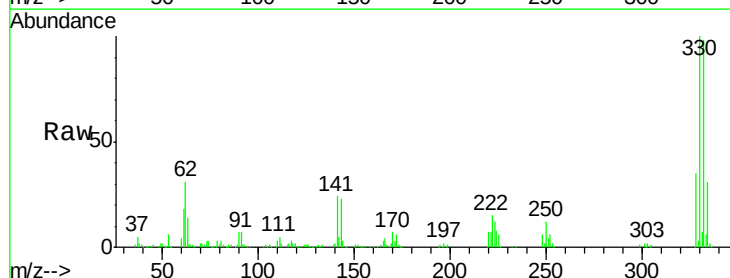
Tgt Ion:330 Resp: 463185

Ion Ratio Lower Upper

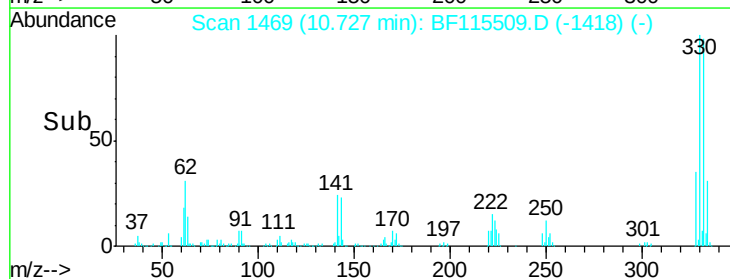
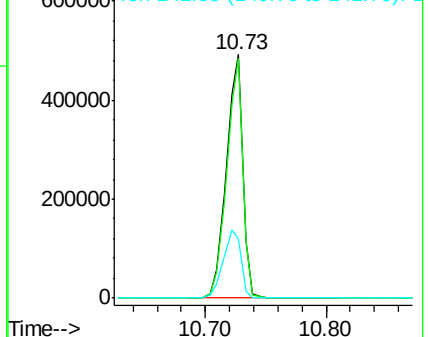
330 100

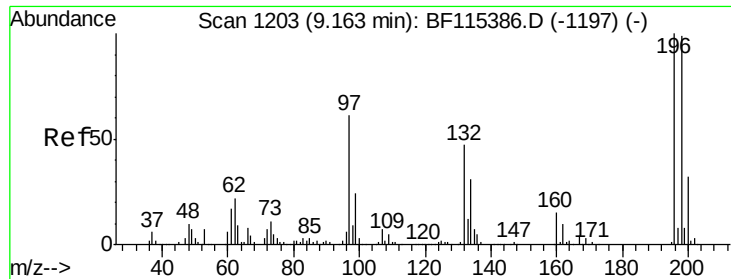
332 96.2 77.4 116.0

141 30.0 24.7 37.1



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

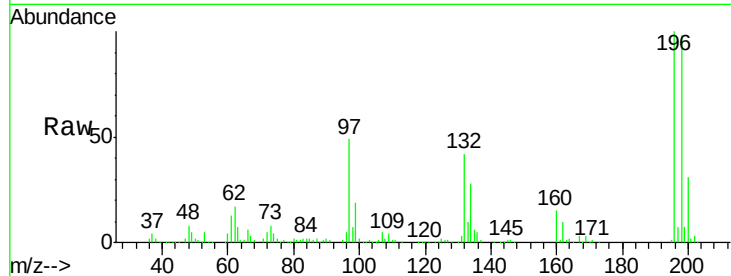




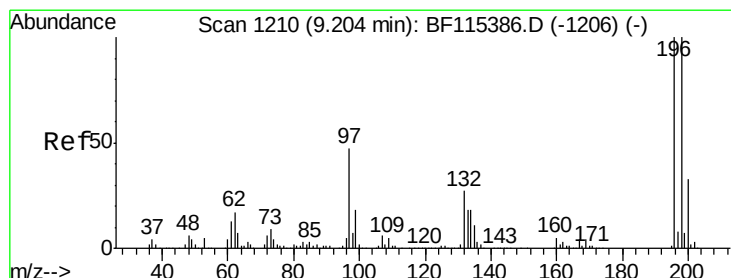
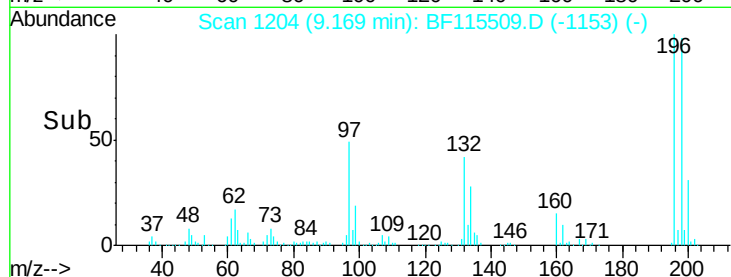
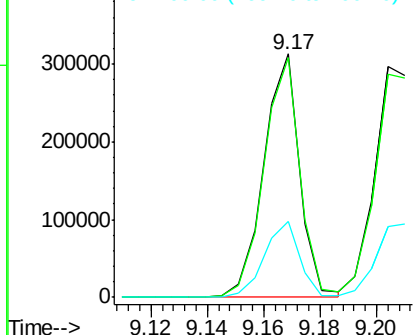
#43
 2,4,6-Trichlorophenol
 Concen: 40.712 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF115509.D
 Acq: 11 Jul 2019 22:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 273694
 Ion Ratio Lower Upper
 196 100
 198 98.5 78.2 117.4
 200 31.4 25.0 37.6



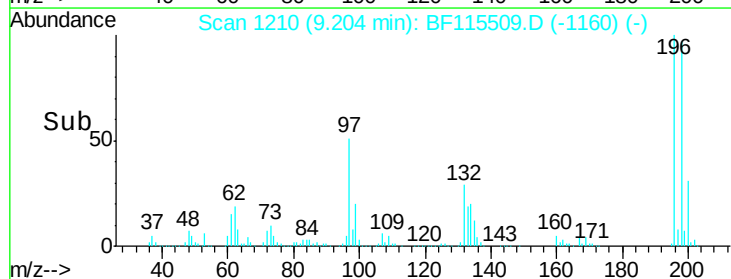
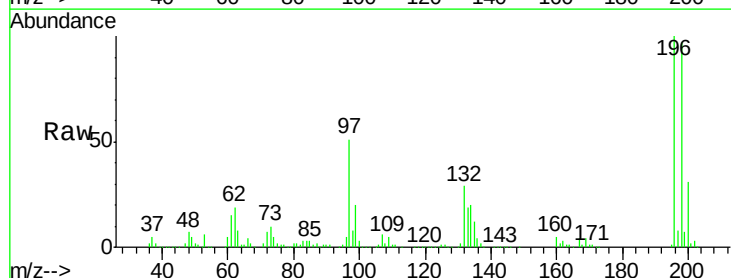
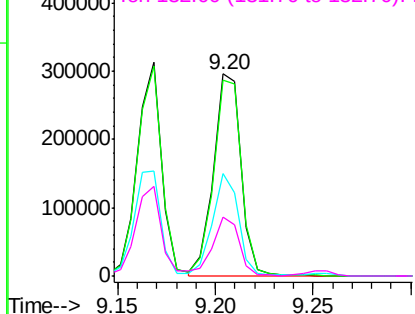
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

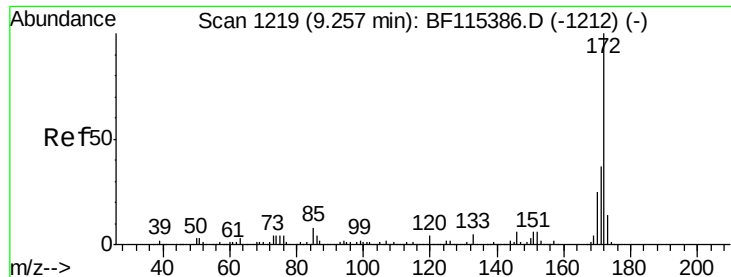


#44
 2,4,5-Trichlorophenol
 Concen: 41.414 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF115509.D
 Acq: 11 Jul 2019 22:01

Tgt Ion:196 Resp: 288697
 Ion Ratio Lower Upper
 196 100
 198 97.1 80.6 120.8
 97 51.0 34.0 51.0
 132 29.1 21.4 32.2

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

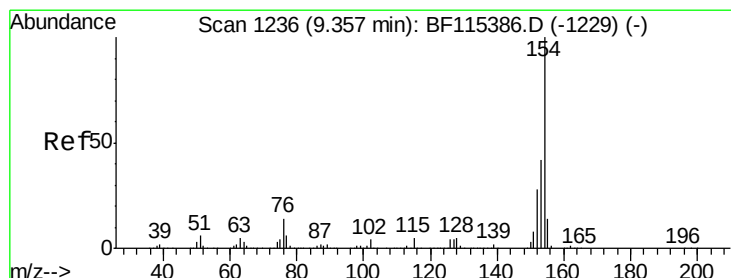
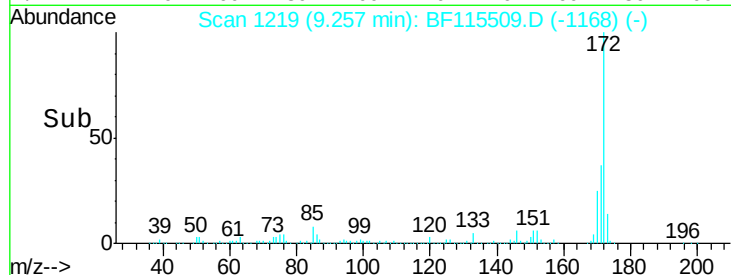
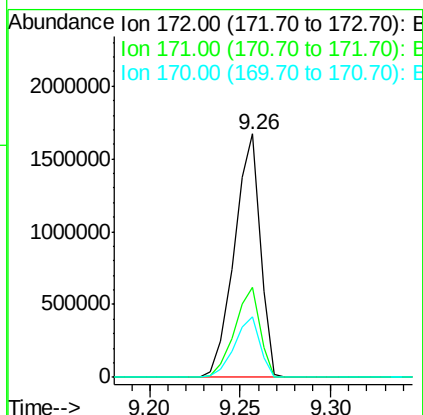
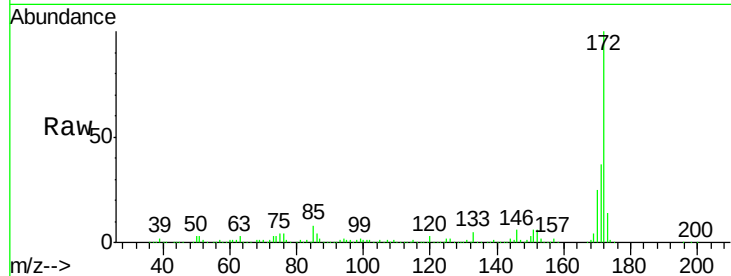




#45
 2-Fluorobiphenyl
 Concen: 90.622 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF115509.D
 Acq: 11 Jul 2019 22:01

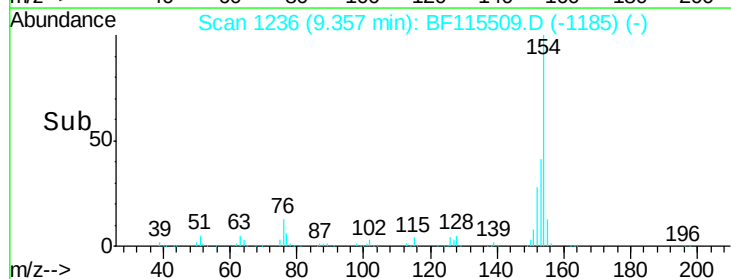
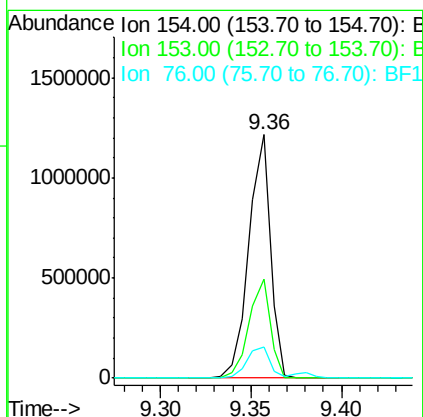
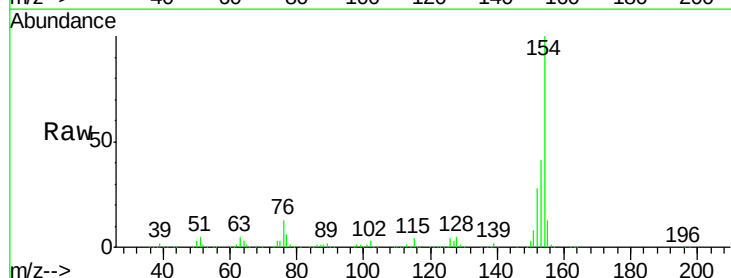
Instrument :
 BNA_F
 ClientSampleId :

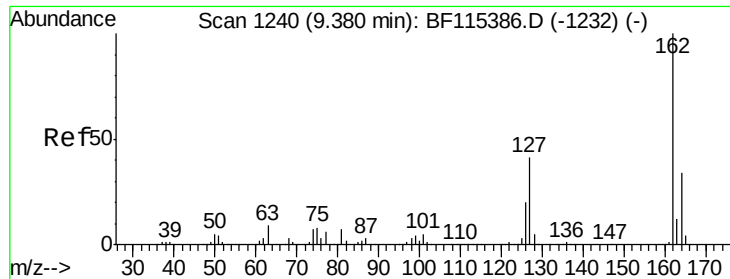
Tot Ion:172 Resp: 1657678
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.8
 170 24.8 20.0 30.0



#46
 1,1'-Biphenyl
 Concen: 39.929 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF115509.D
 Acq: 11 Jul 2019 22:01

Tgt Ion:154 Resp: 1007581
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.5 61.5
 76 12.8 0.0 34.6

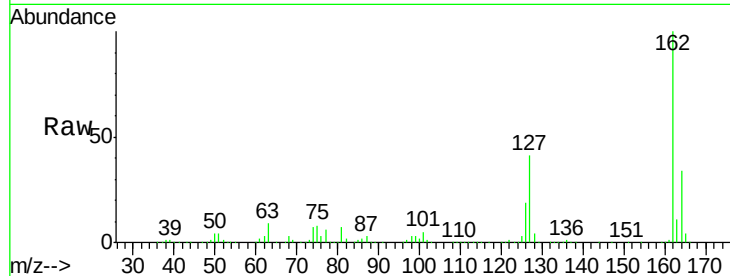




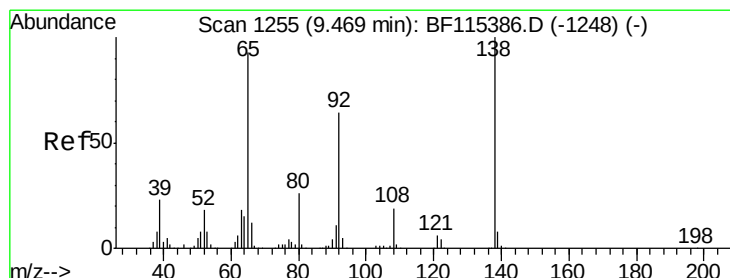
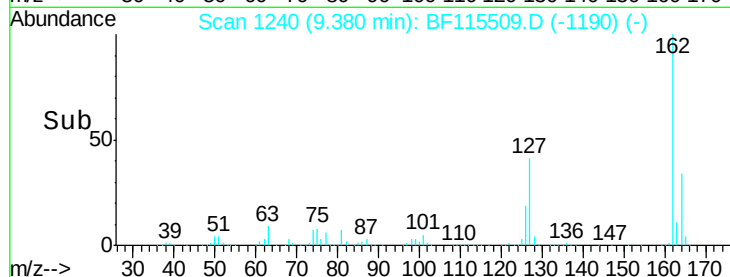
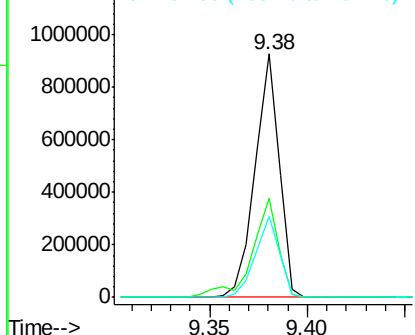
#47
 2-Chloronaphthalene
 Concen: 38.042 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF115509.D
 Acq: 11 Jul 2019 22:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.4	47.0
164	33.5	27.2	40.8

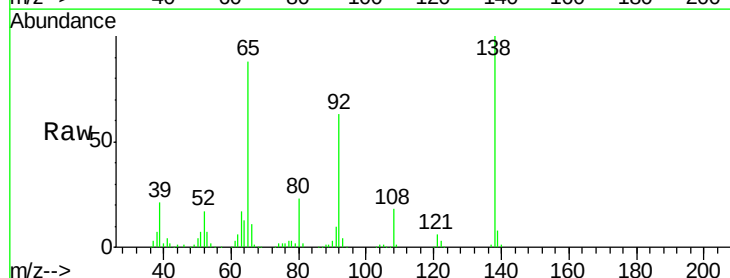


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

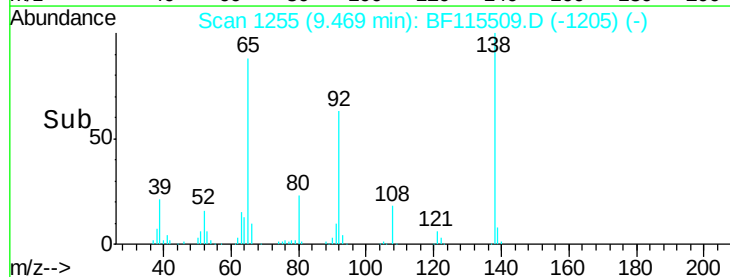
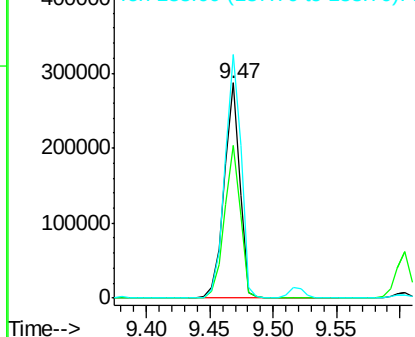


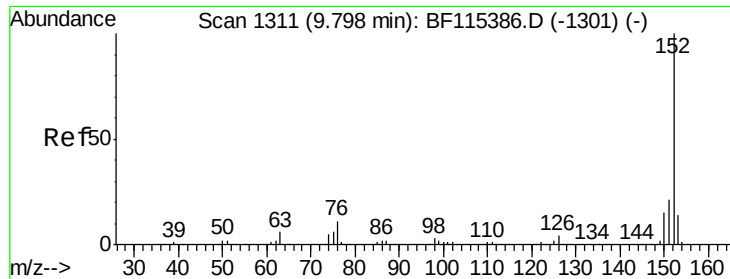
#48
 2-Nitroaniline
 Concen: 40.320 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF115509.D
 Acq: 11 Jul 2019 22:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.9	59.0	88.4
138	113.2	98.3	147.5



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: 39.014 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

Instrument :

BNA_F

ClientSampleId :

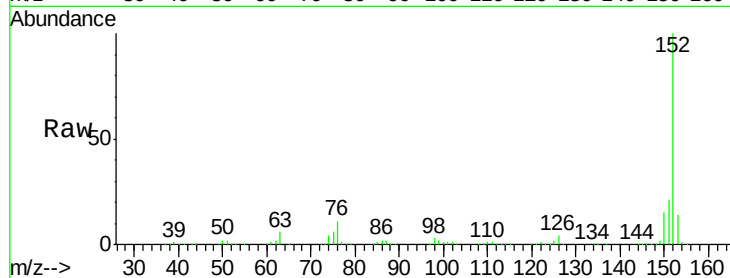
Tot Ion:152 Resp: 1231895

Ion Ratio Lower Upper

152 100

151 20.6 17.1 25.7

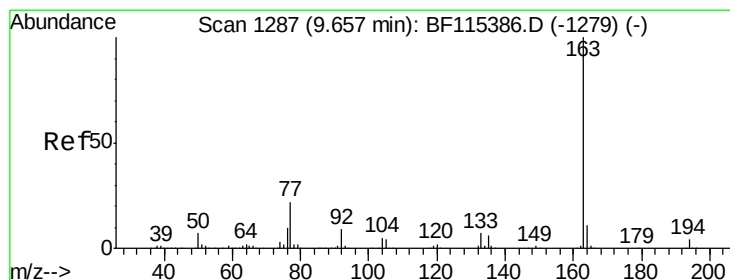
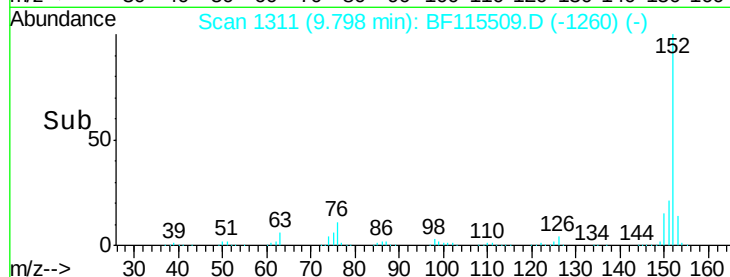
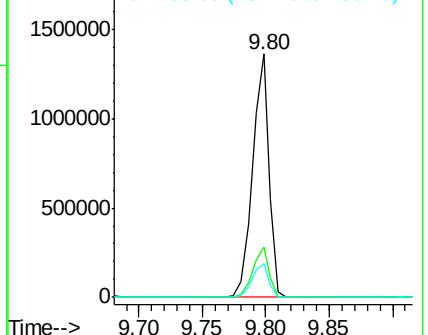
153 13.9 11.8 17.6



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: 50.890 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

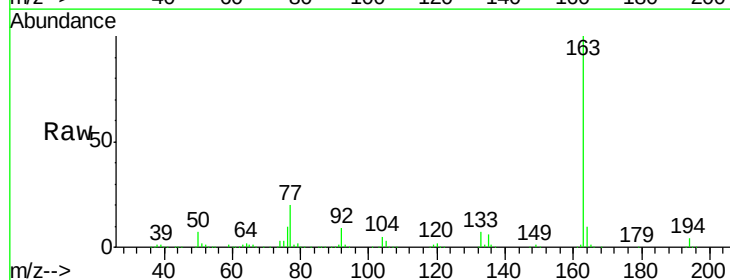
Tgt Ion:163 Resp: 1226049

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

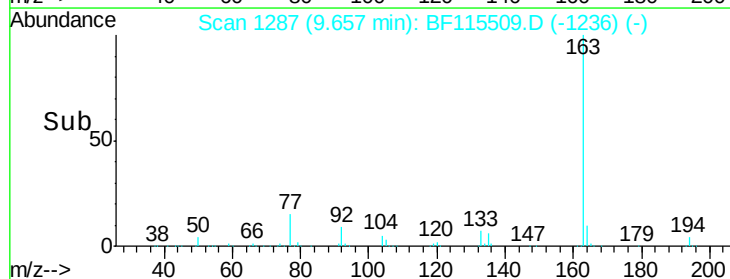
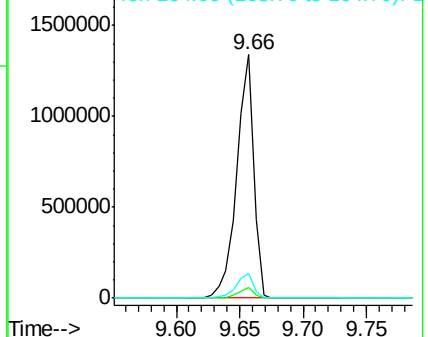
164 10.4 8.6 13.0

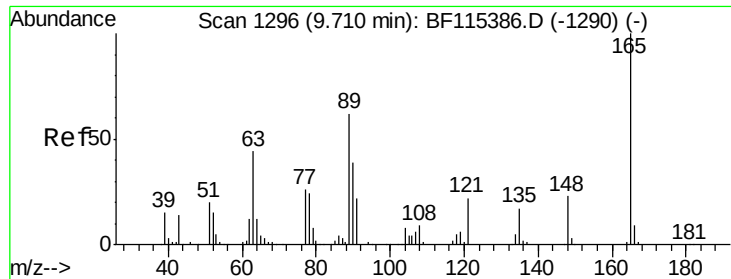


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.094 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

Instrument :

BNA_F

ClientSampled :

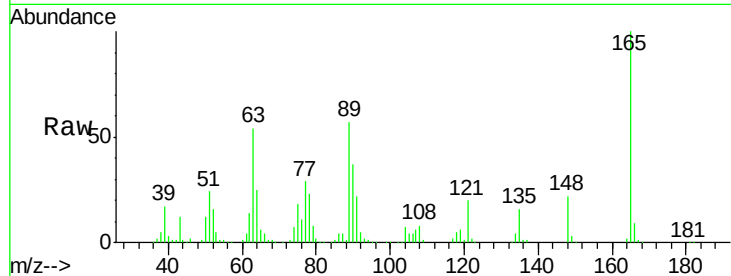
Tot Ion:165 Resp: 219940

Ion Ratio Lower Upper

165 100

63 54.3 39.7 59.5

89 56.8 42.8 64.2

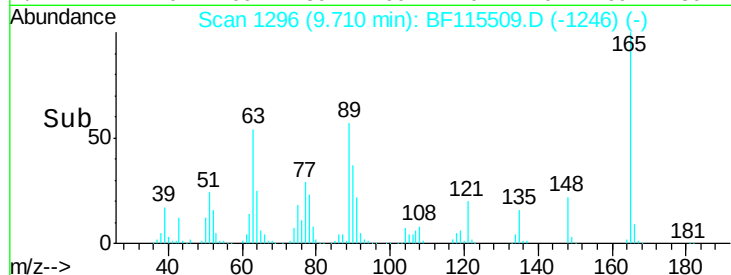


Abundance Ion 165.00 (164.70 to 165.70): E

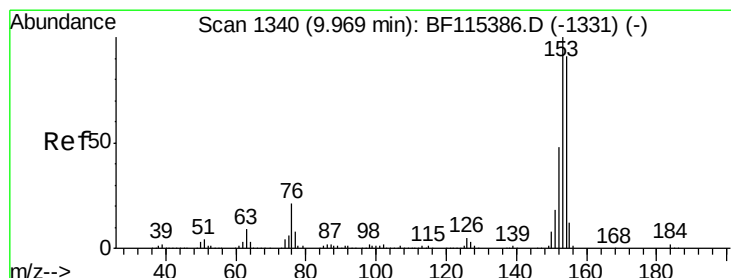
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 41.312 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

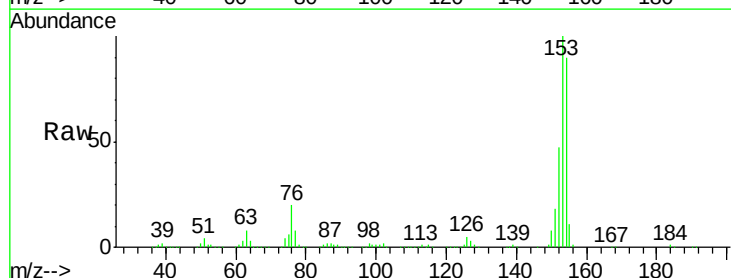
Tgt Ion:154 Resp: 820969

Ion Ratio Lower Upper

154 100

153 111.2 89.8 134.8

152 51.8 41.4 62.0

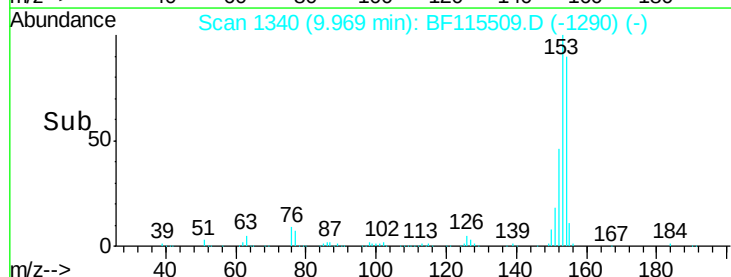


Abundance Ion 154.00 (153.70 to 154.70): E

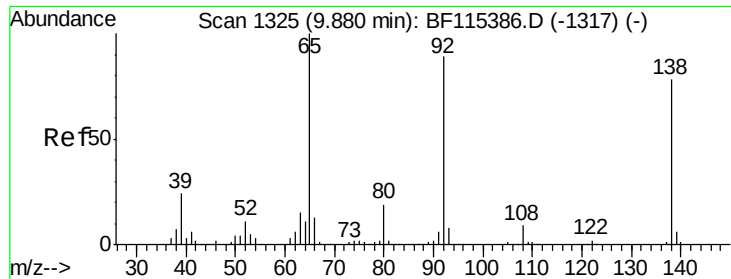
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



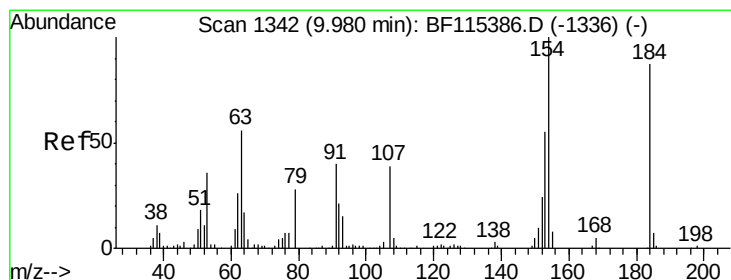
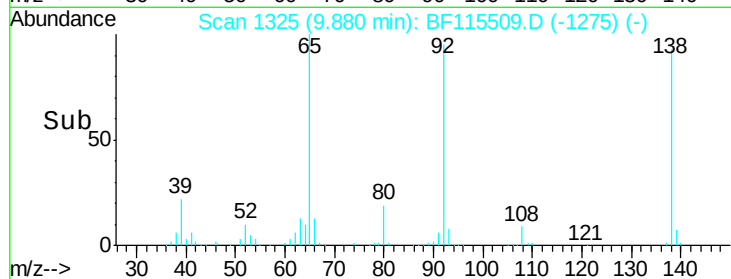
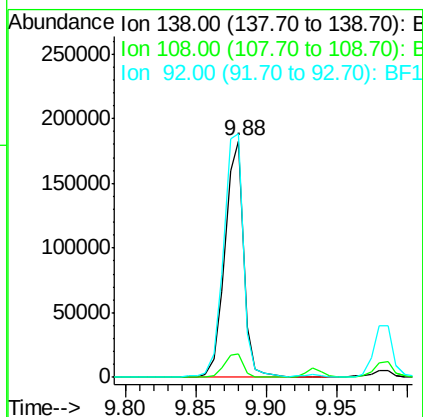
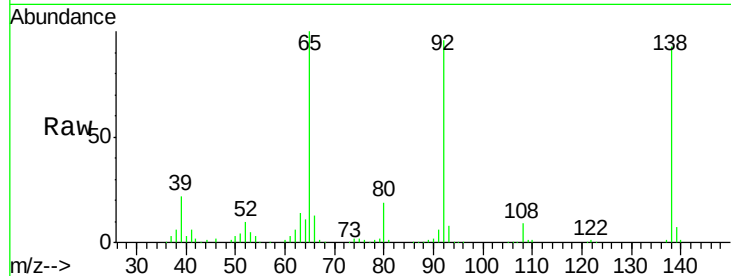
Time-->



#53
3-Nitroaniline
Concen: 27.879 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

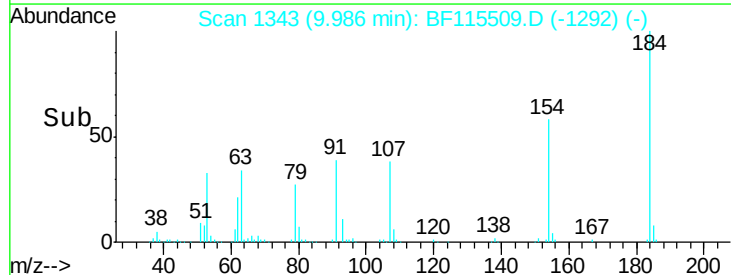
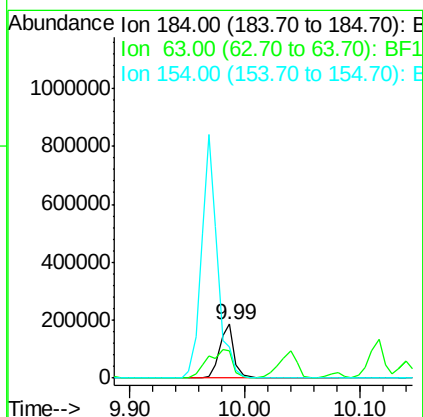
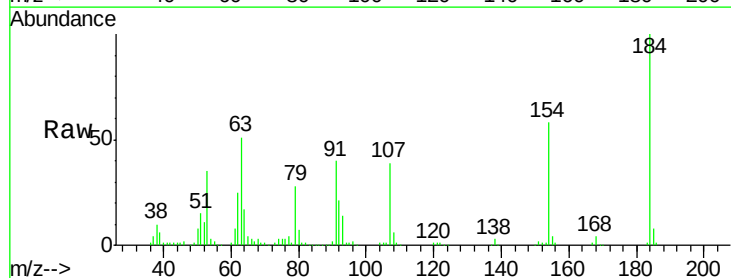
Instrument :
BNA_F
ClientSampleId :

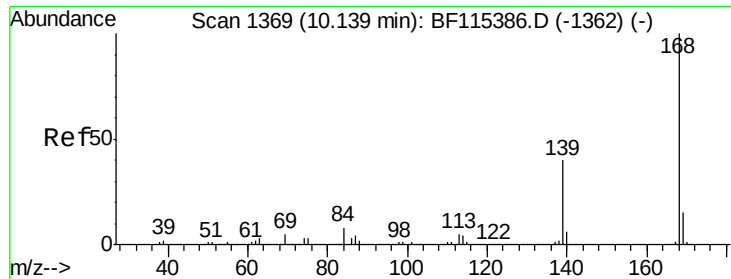
Tot Ion:138 Resp: 169184
Ion Ratio Lower Upper
138 100
108 10.0 8.5 12.7
92 103.2 86.1 129.1



#54
2,4-Dinitrophenol
Concen: 72.695 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

Tgt Ion:184 Resp: 161603
Ion Ratio Lower Upper
184 100
63 50.9 45.8 68.6
154 58.2 52.8 79.2

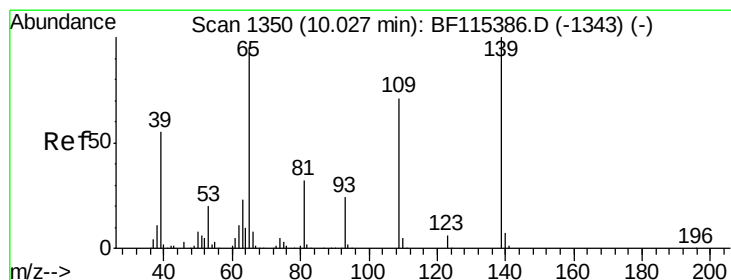
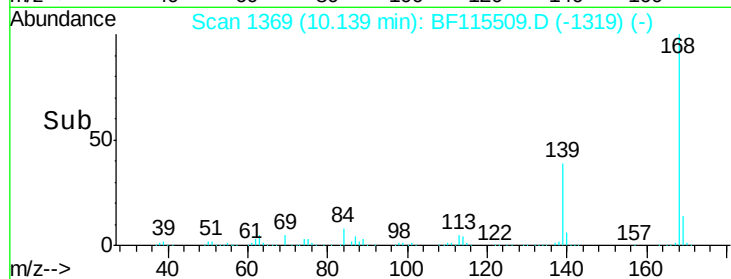
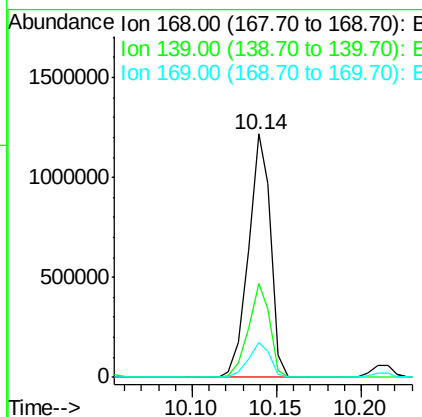
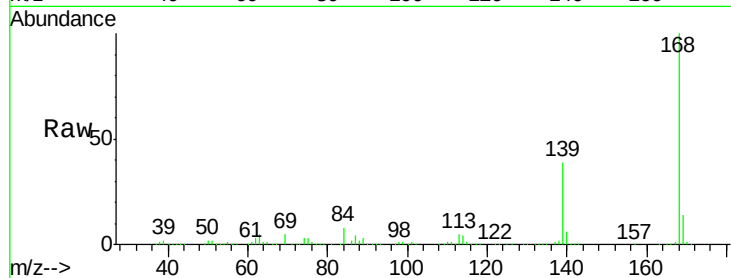




#55
Dibenzofuran
Concen: 39.685 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

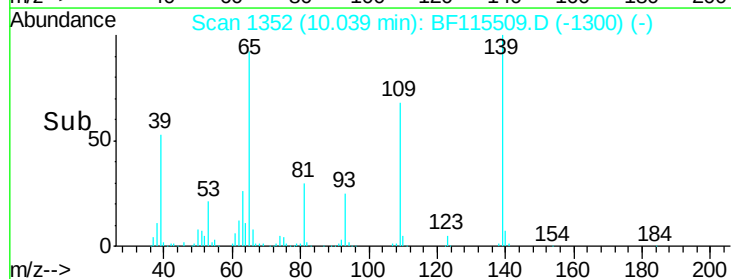
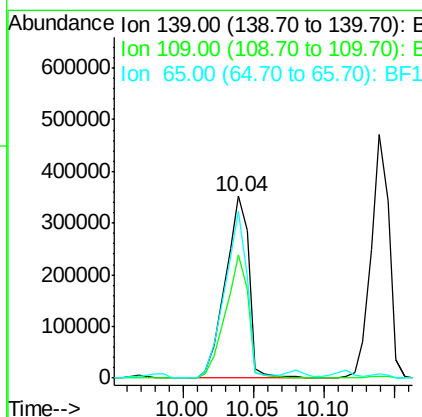
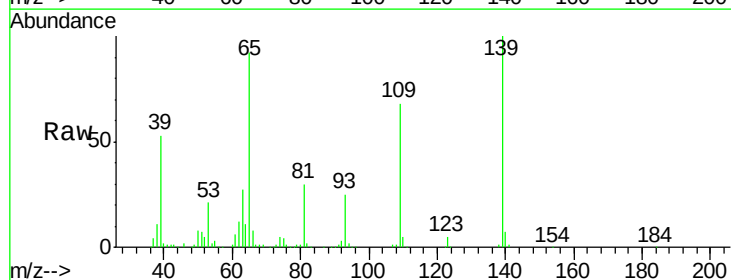
Instrument :
BNA_F
ClientSampleId :

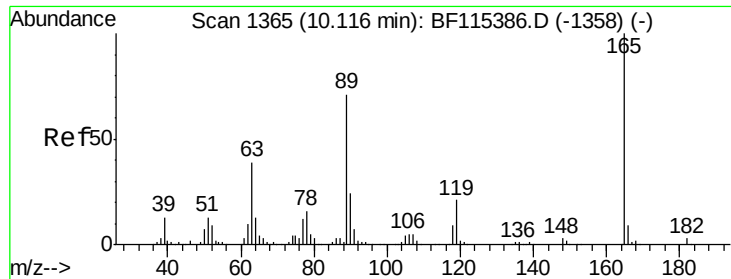
Tot Ion:168 Resp: 1110920
Ion Ratio Lower Upper
168 100
139 38.7 30.6 46.0
169 14.3 11.0 16.6



#56
4-Nitrophenol
Concen: 87.308 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

Tgt Ion:139 Resp: 409928
Ion Ratio Lower Upper
139 100
109 67.6 46.4 86.4
65 91.7 73.4 113.4

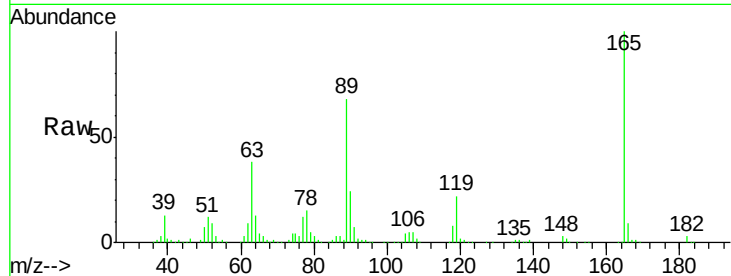




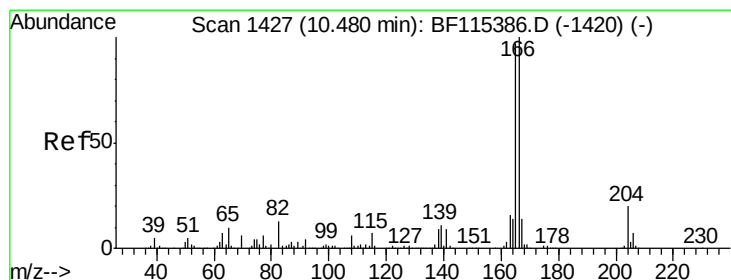
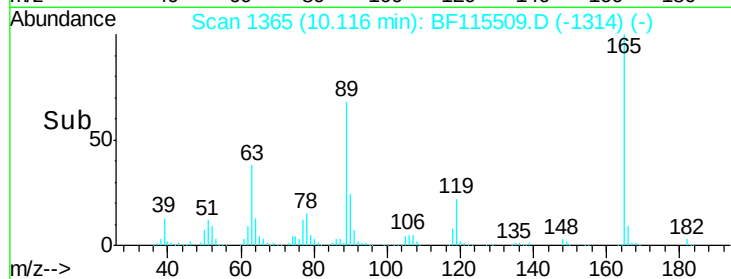
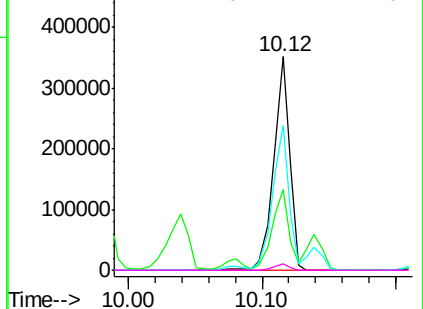
#57
2,4-Dinitrotoluene
Concen: 44.545 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:165	Resp:	295792
Ion Ratio	Lower	Upper
165	100	
63	37.9	33.0 49.4
89	67.6	58.5 87.7
182	2.8	2.1 3.1

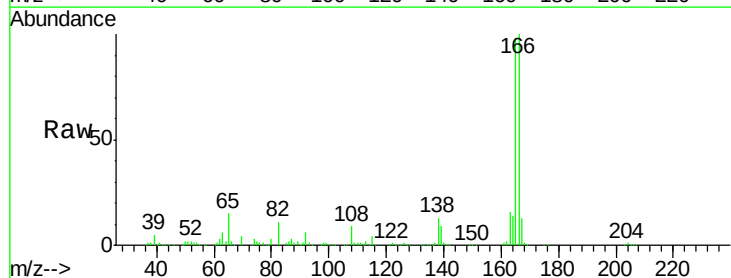


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

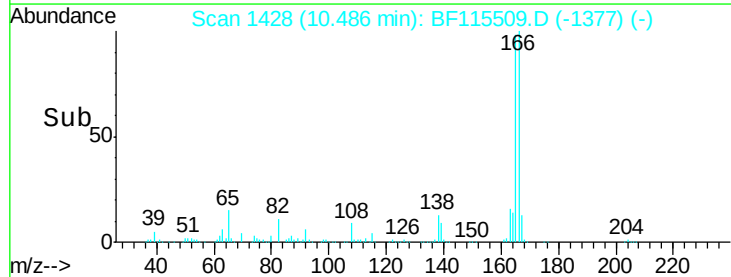
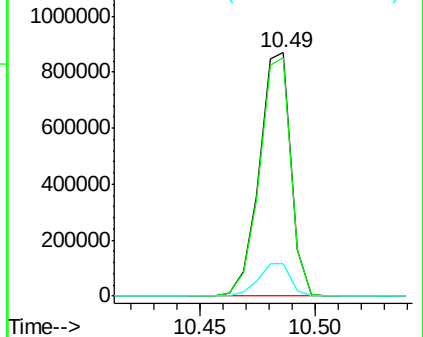


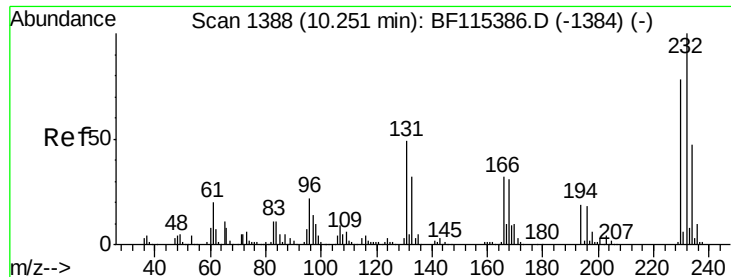
#58
Fluorene
Concen: 37.461 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

Tgt Ion:166	Resp:	826678
Ion Ratio	Lower	Upper
166	100	
165	97.8	78.7 118.1
167	13.4	10.8 16.2



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: 41.910 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 252381

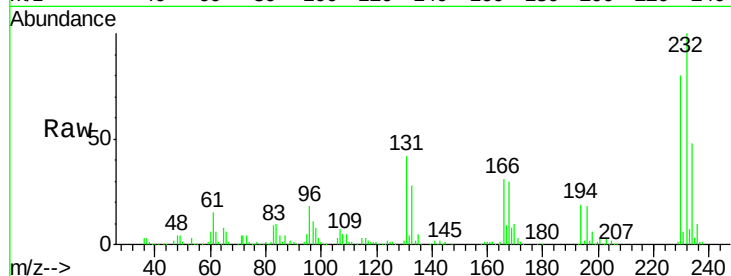
Ion Ratio Lower Upper

232 100

131 44.2 35.4 53.0

130 2.1 1.7 2.5

166 30.3 24.8 37.2

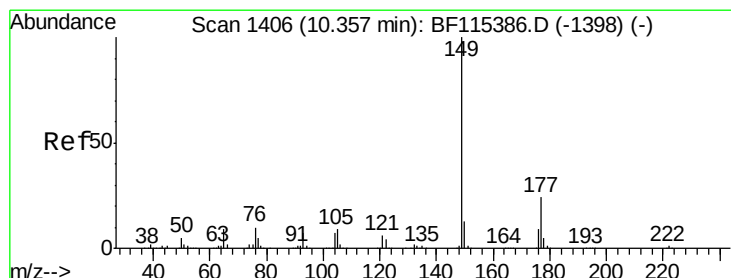
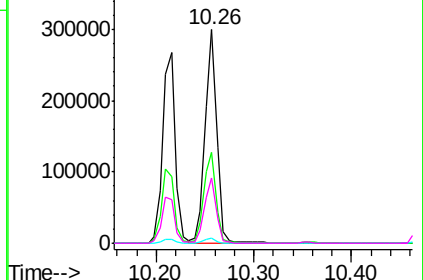
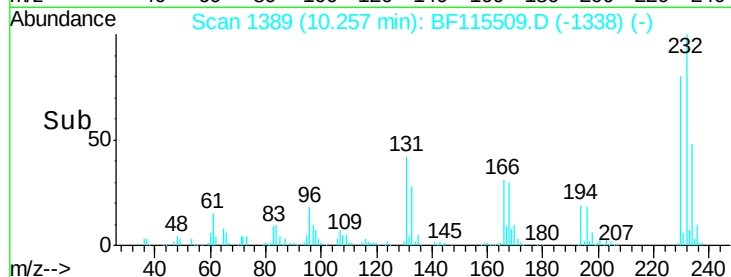


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 38.584 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

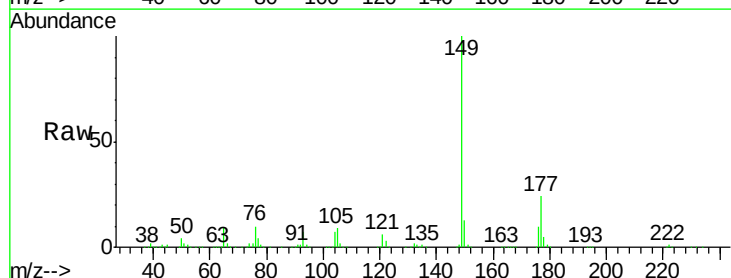
Tgt Ion:149 Resp: 914965

Ion Ratio Lower Upper

149 100

177 23.7 19.0 28.4

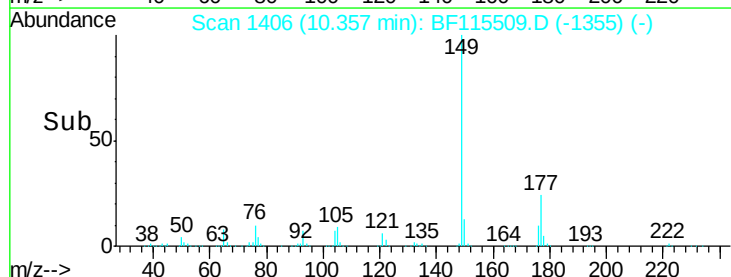
150 12.5 10.4 15.6



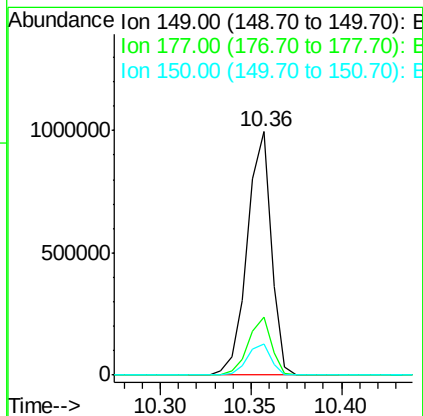
Abundance Ion 149.00 (148.70 to 149.70): E

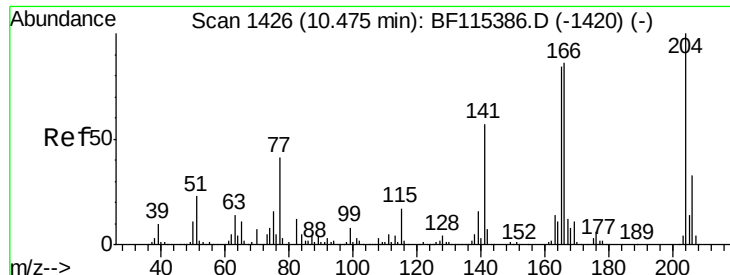
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->

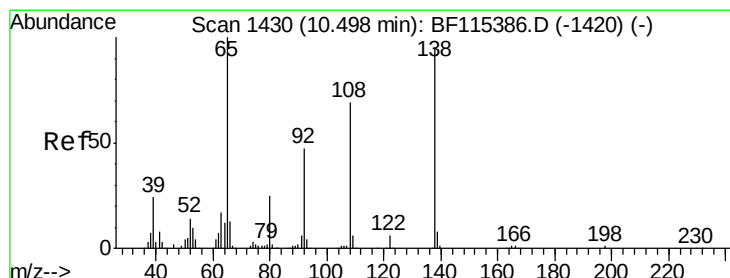
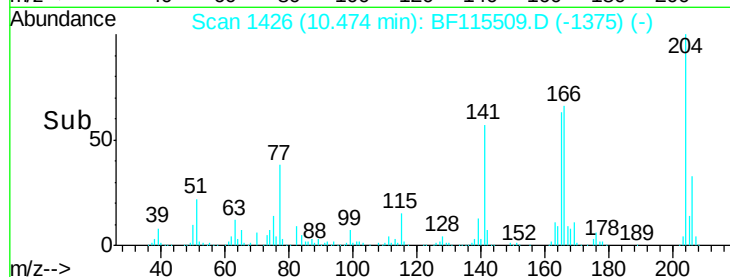
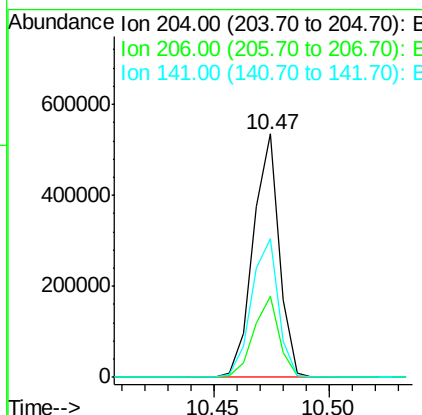
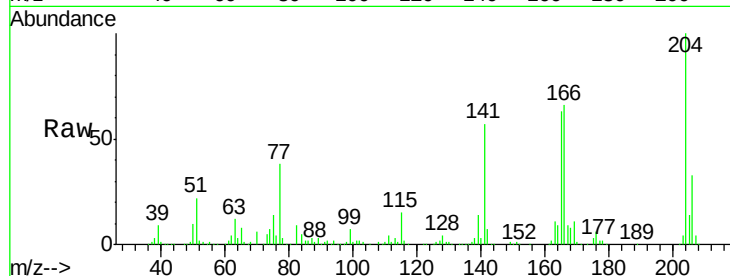




#61
 4-Chlorophenyl-phenylether
 Concen: 39.207 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF115509.D
 Acq: 11 Jul 2019 22:01

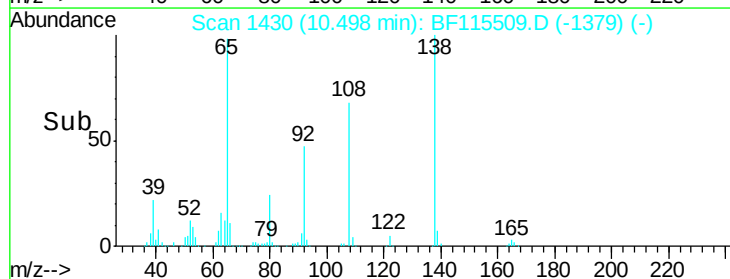
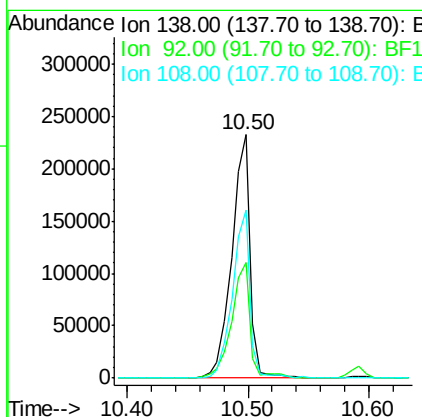
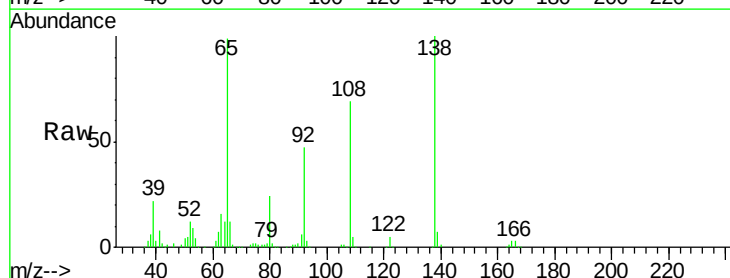
Instrument :
 BNA_F
 ClientSampled :

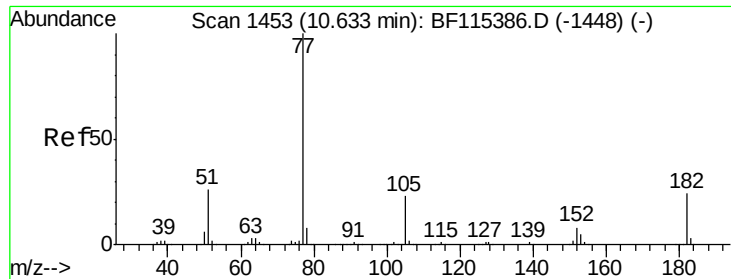
Tot Ion:204 Resp: 422279
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.8 40.2
 141 56.9 47.9 71.9



#62
 4-Nitroaniline
 Concen: 41.185 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF115509.D
 Acq: 11 Jul 2019 22:01

Tgt Ion:138 Resp: 245333
 Ion Ratio Lower Upper
 138 100
 92 47.3 29.9 69.9
 108 68.8 49.0 89.0





#63

Azobenzene

Concen: 36.601 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 894693

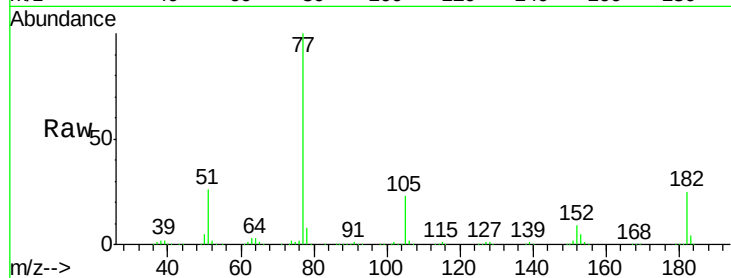
Ion Ratio Lower Upper

77 100

182 25.2 7.7 47.7

105 22.9 3.6 43.6

51 25.6 4.8 44.8

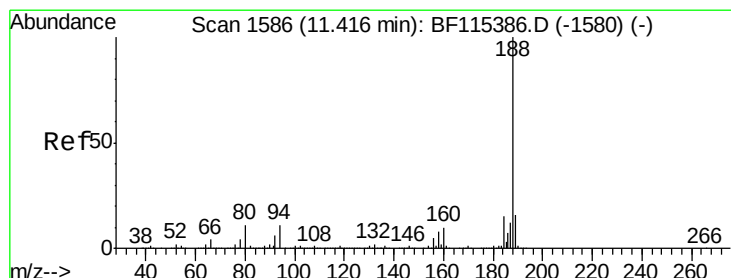
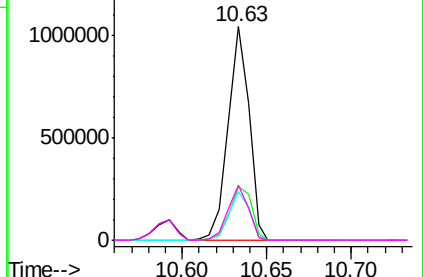
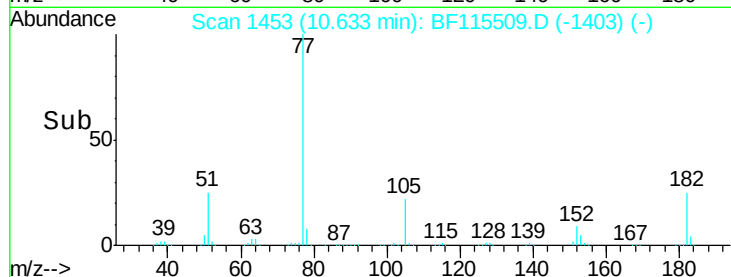


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

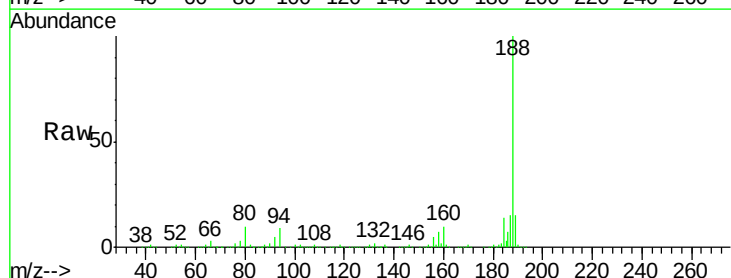
Tgt Ion: 188 Resp: 654969

Ion Ratio Lower Upper

188 100

94 9.3 7.8 11.8

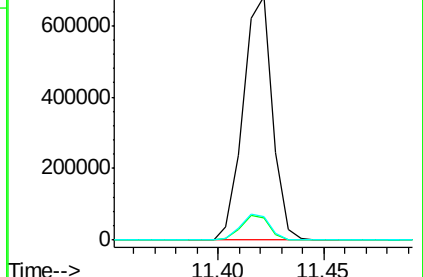
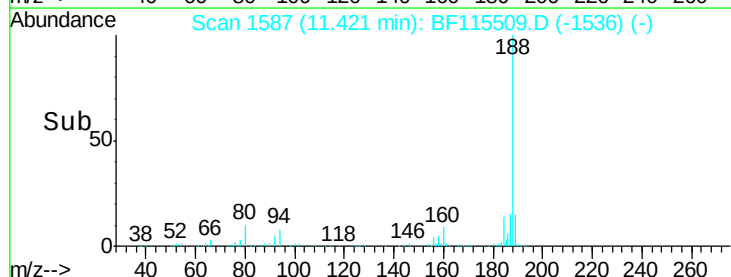
80 9.7 8.4 12.6

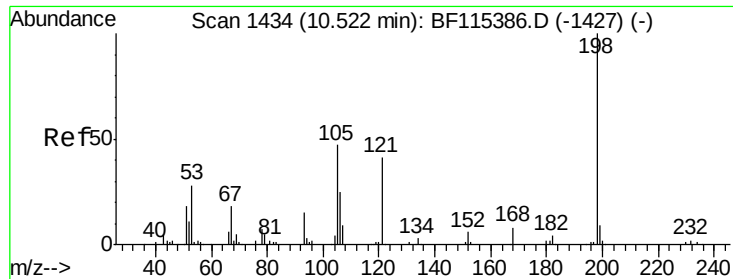


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

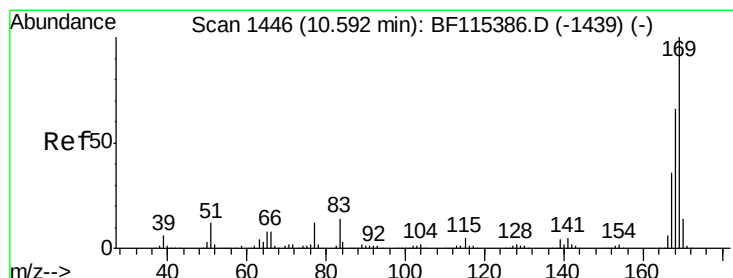
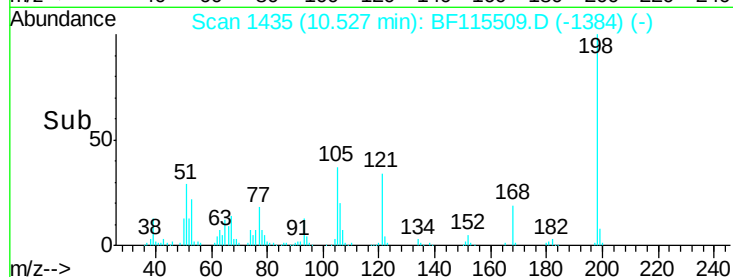
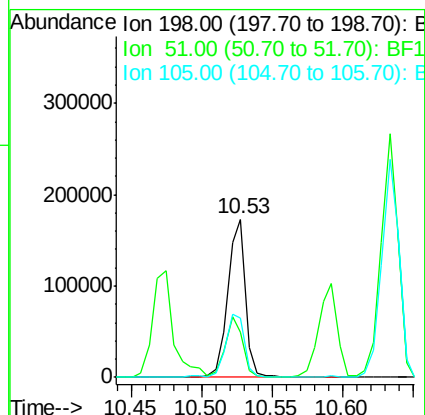
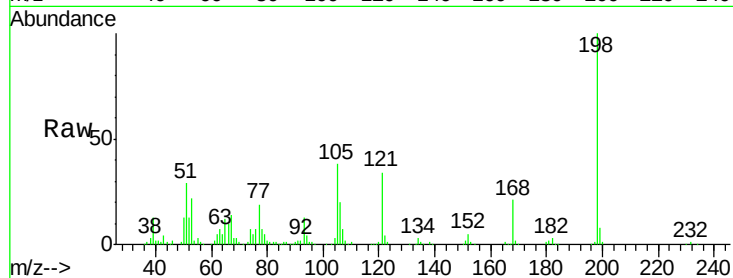




#65
4,6-Dinitro-2-methylphenol
Concen: 47.971 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

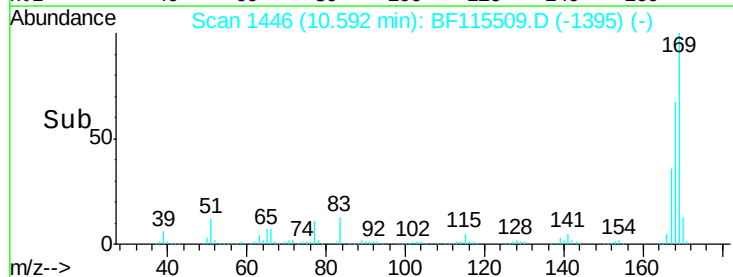
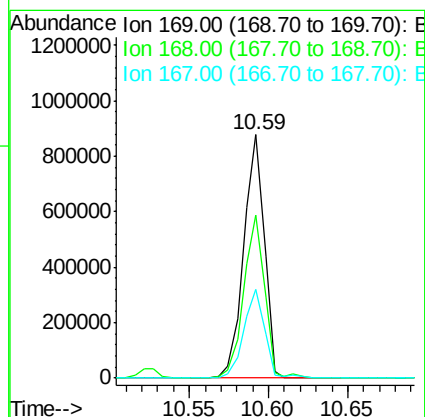
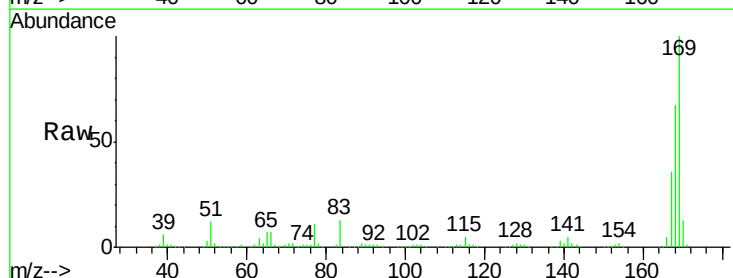
Instrument :
BNA_F
ClientSampleId :

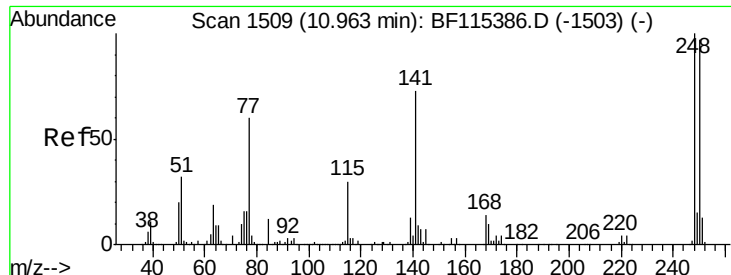
Tot Ion:198 Resp: 150420
Ion Ratio Lower Upper
198 100
51 28.7 20.7 60.7
105 37.8 25.3 65.3



#66
n-Nitrosodiphenylamine
Concen: 38.172 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

Tgt Ion:169 Resp: 787747
Ion Ratio Lower Upper
169 100
168 66.7 53.2 79.8
167 36.3 29.4 44.2

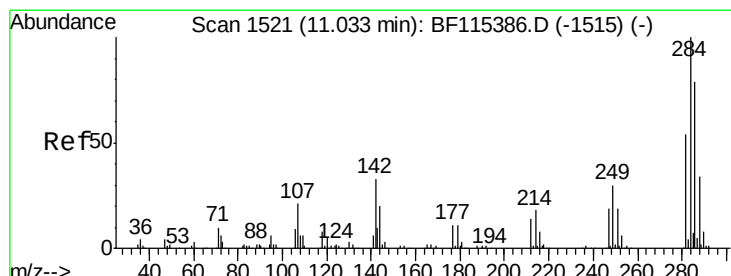
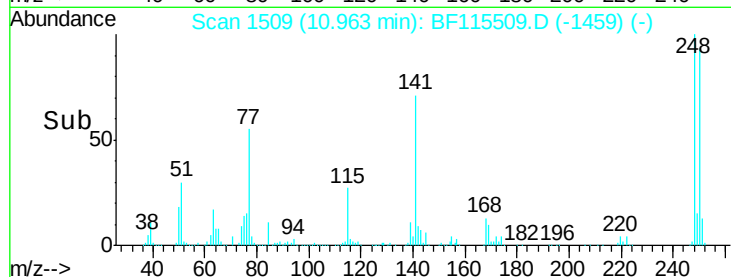
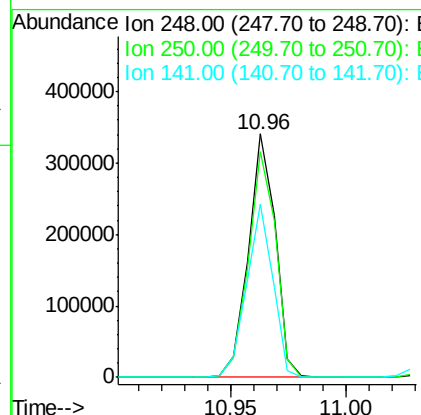
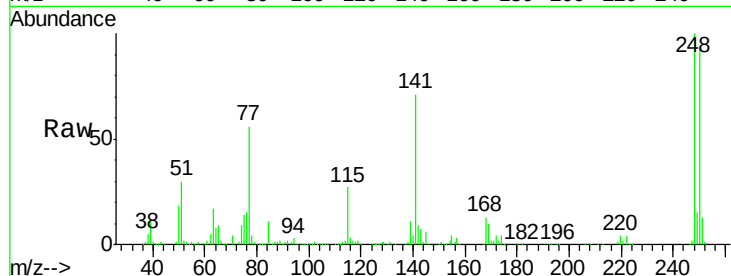




#67
 4-Bromophenyl-phenylether
 Concen: 37.953 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BF115509.D
 Acq: 11 Jul 2019 22:01

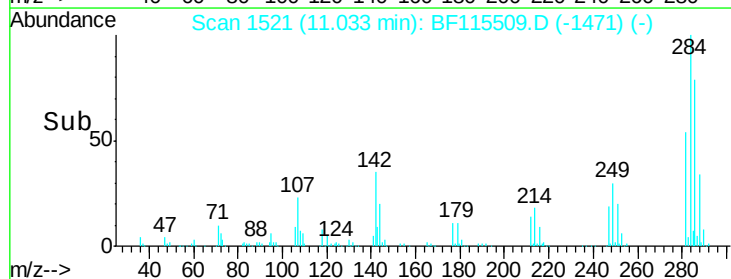
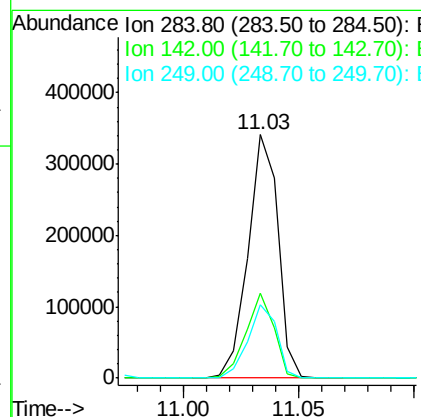
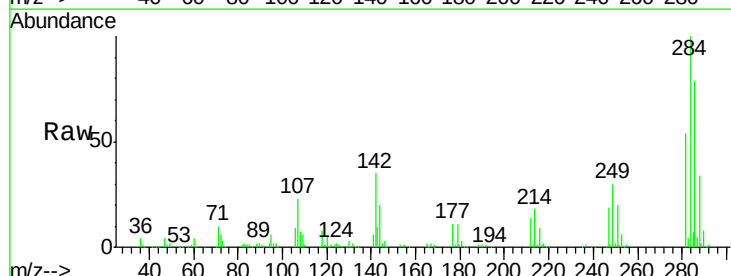
Instrument :
 BNA_F
 ClientSampleId :

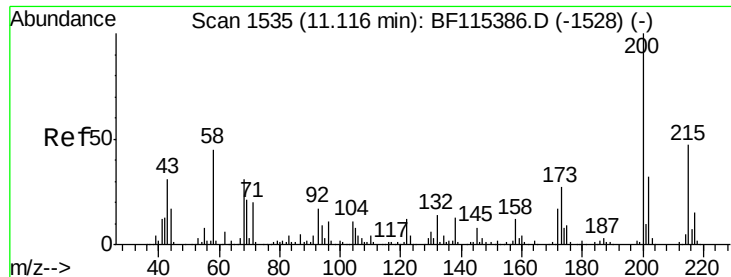
Tot Ion:248 Resp: 278923
 Ion Ratio Lower Upper
 248 100
 250 92.8 78.3 117.5
 141 71.0 52.2 78.2



#68
 Hexachlorobenzene
 Concen: 37.546 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BF115509.D
 Acq: 11 Jul 2019 22:01

Tgt Ion:284 Resp: 309631
 Ion Ratio Lower Upper
 284 100
 142 34.7 23.9 35.9
 249 30.3 23.6 35.4

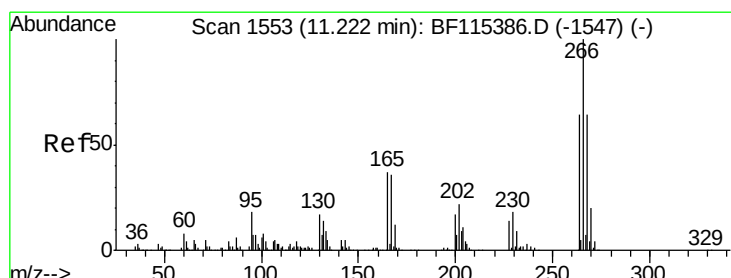
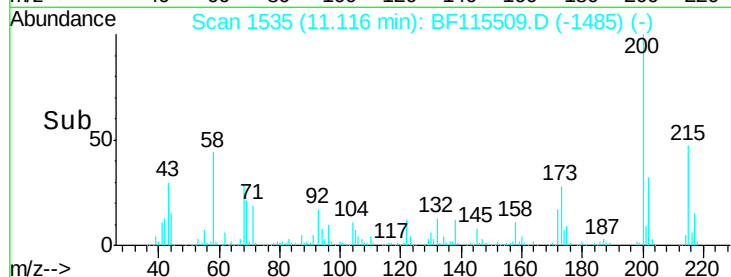
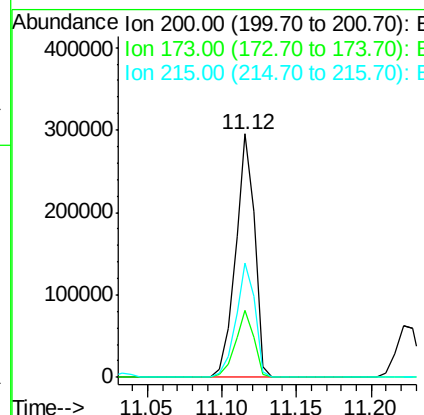
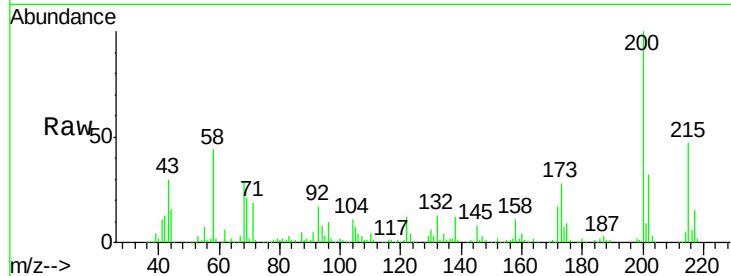




#69
Atrazine
Concen: 41.770 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

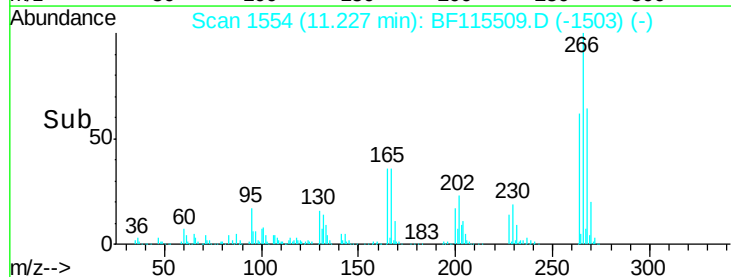
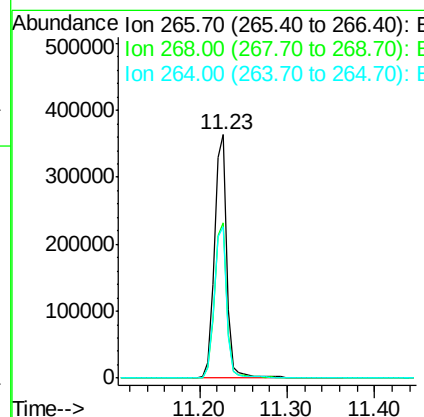
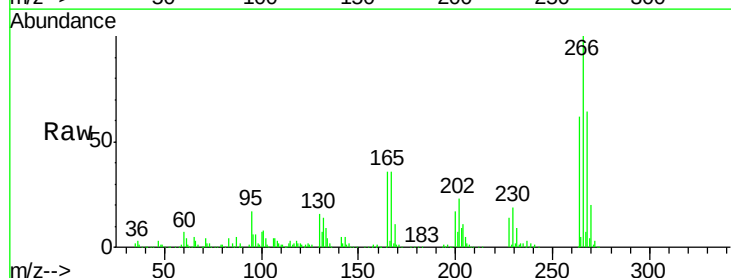
Instrument :
BNA_F
ClientSampleId :

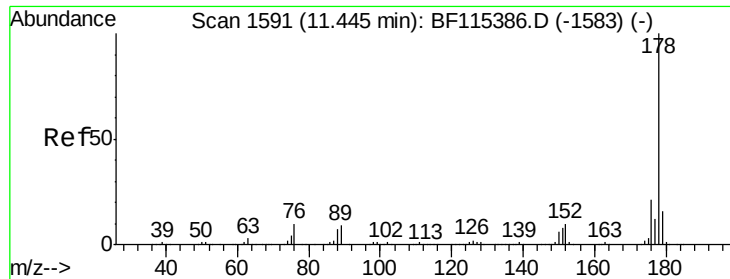
Tot Ion:200 Resp: 266771
Ion Ratio Lower Upper
200 100
173 27.5 7.0 47.0
215 47.2 27.8 67.8



#70
Pentachlorophenol
Concen: 71.747 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

Tgt Ion:266 Resp: 360590
Ion Ratio Lower Upper
266 100
268 63.8 51.2 76.8
264 62.3 50.6 75.8





#71

Phenanthrene

Concen: 38.086 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

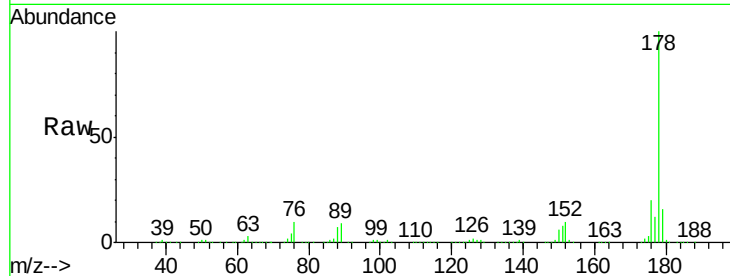
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1311927

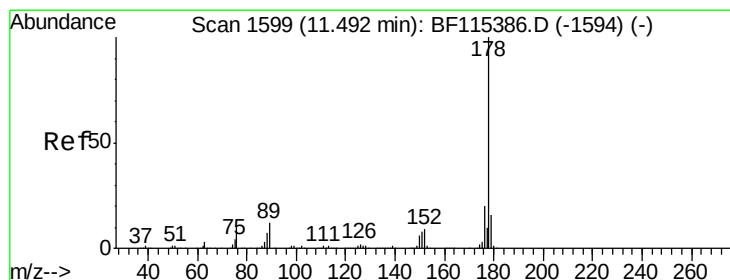
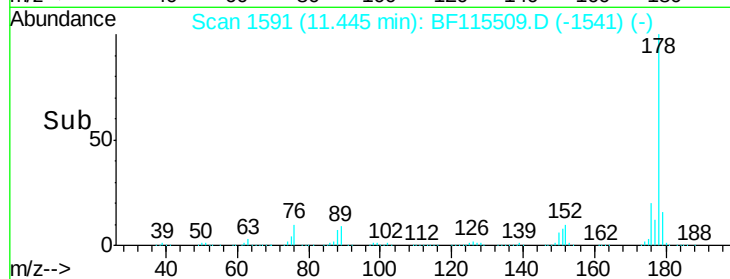
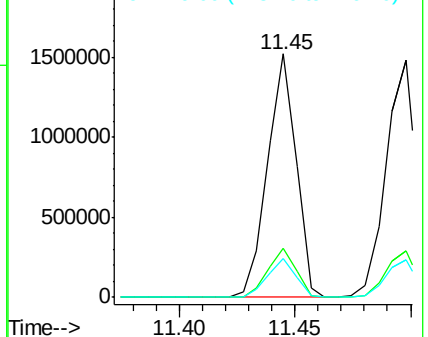
Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.6	24.8
179	15.7	12.7	19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.109 ng

RT: 11.50 min Scan# 1600

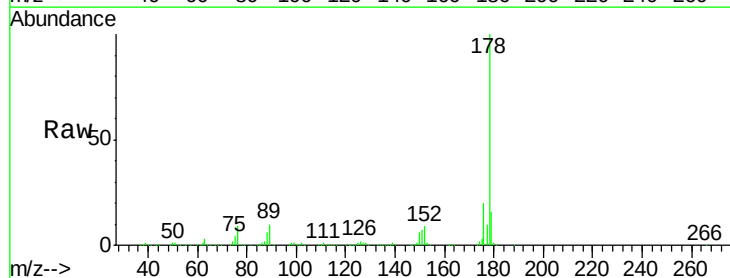
Delta R.T. 0.00 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

Tgt Ion:178 Resp: 1350889

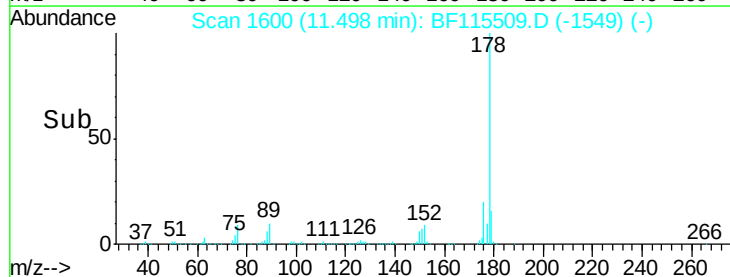
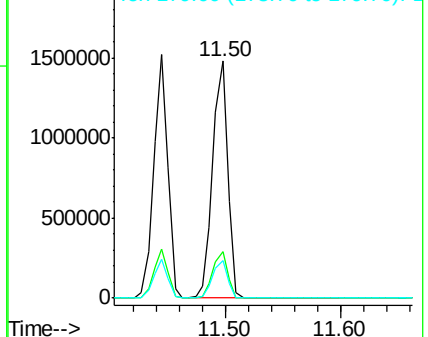
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	15.8	13.0	19.6

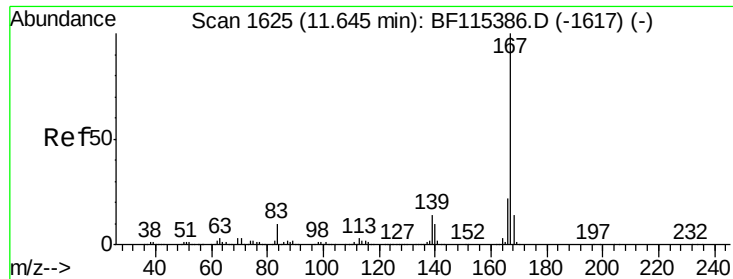


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



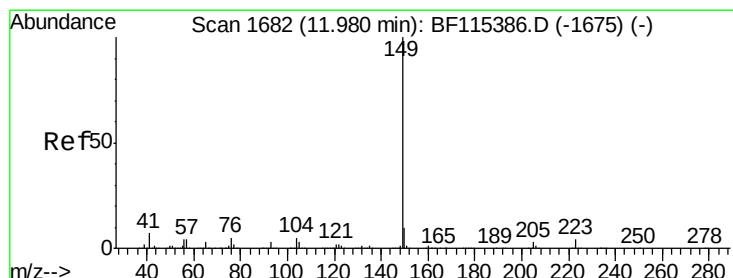
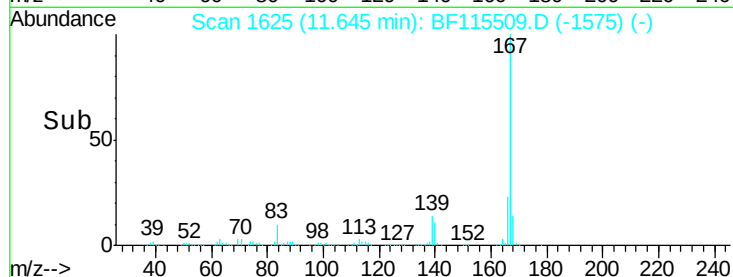
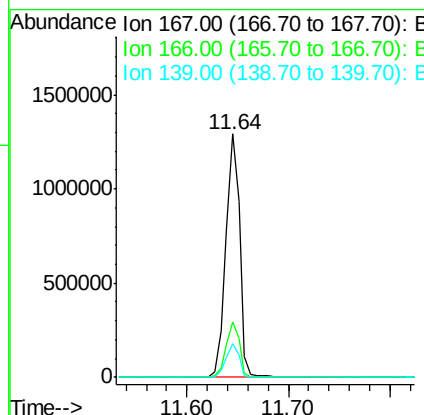
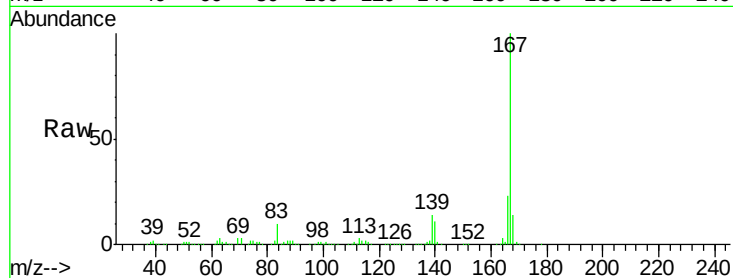


#73
 Carbazole
 Concen: 38.588 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF115509.D
 Acq: 11 Jul 2019 22:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1219406

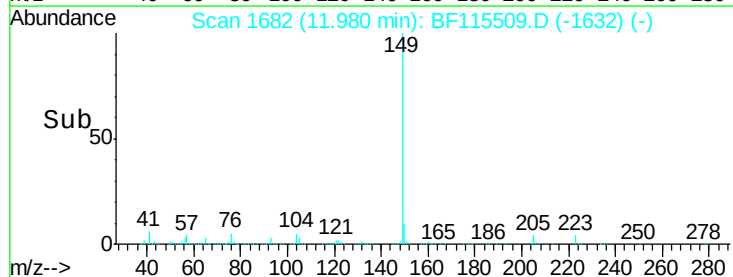
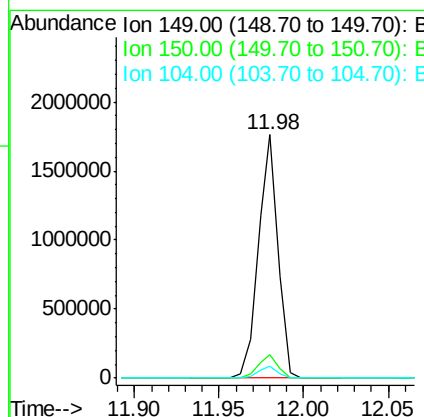
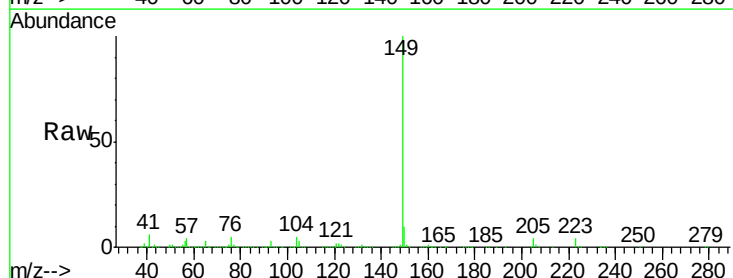
Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.8	26.8
139	13.7	10.9	16.3

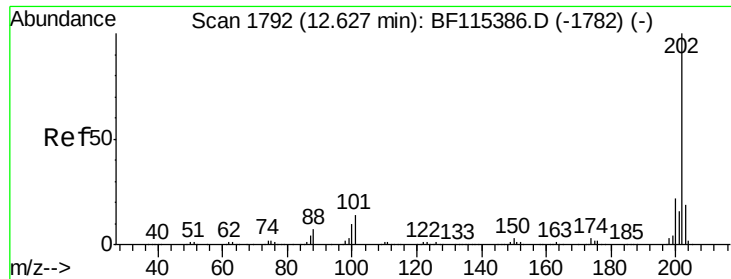


#74
 Di-n-butylphthalate
 Concen: 37.248 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BF115509.D
 Acq: 11 Jul 2019 22:01

Tgt Ion:149 Resp: 1422544

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	5.1	3.9	5.9

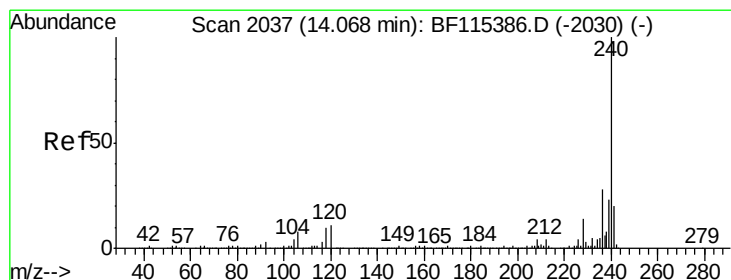
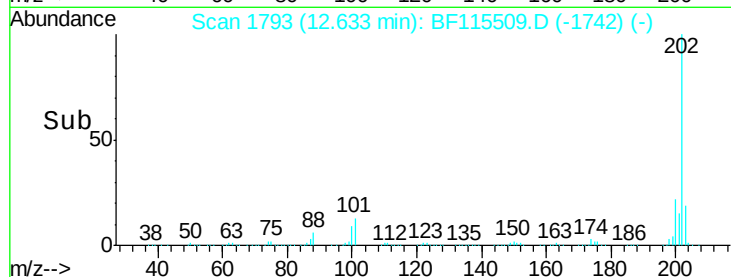
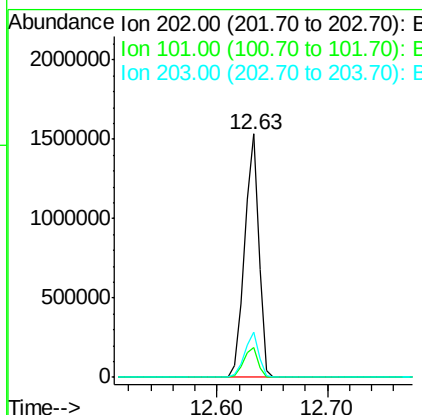
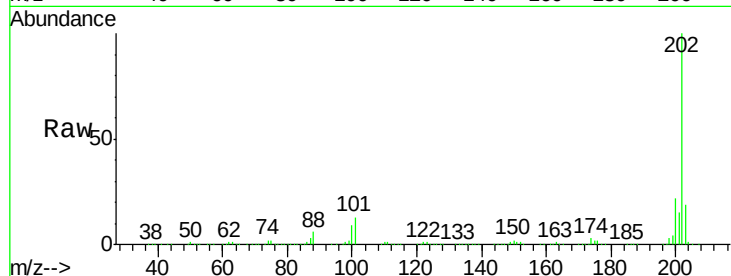




#75
 Fluoranthene
 Concen: 38.417 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BF115509.D
 Acq: 11 Jul 2019 22:01

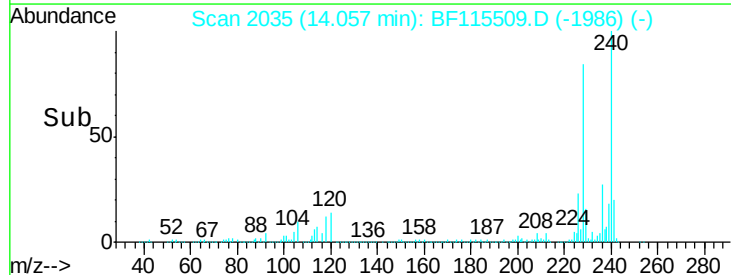
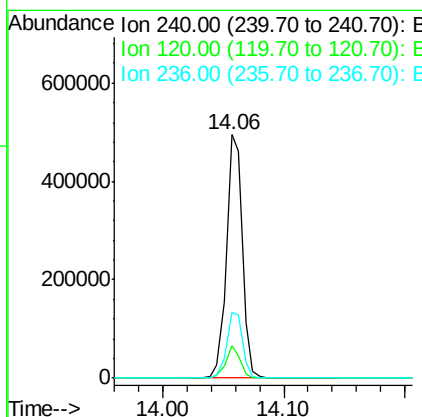
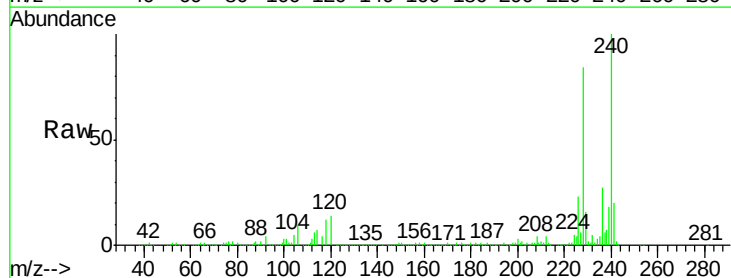
Instrument :
 BNA_F
 ClientSampleId :

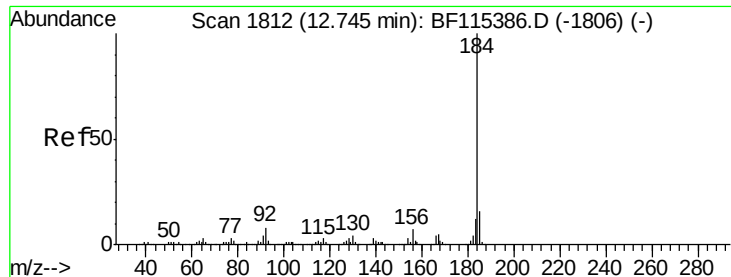
Tot Ion:202 Resp: 1393356
 Ion Ratio Lower Upper
 202 100
 101 12.5 0.0 33.9
 203 18.6 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF115509.D
 Acq: 11 Jul 2019 22:01

Tgt Ion:240 Resp: 450363
 Ion Ratio Lower Upper
 240 100
 120 13.5 10.2 15.4
 236 27.2 21.1 31.7





#77

Benzidine

Concen: 10.869 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

Instrument :

BNA_F

ClientSampleId :

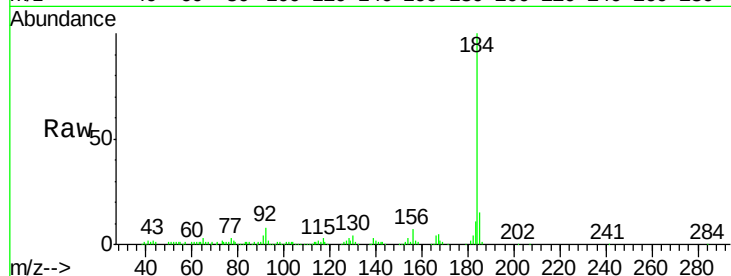
Tot Ion:184 Resp: 190882

Ion Ratio Lower Upper

184 100

185 14.8 13.0 19.6

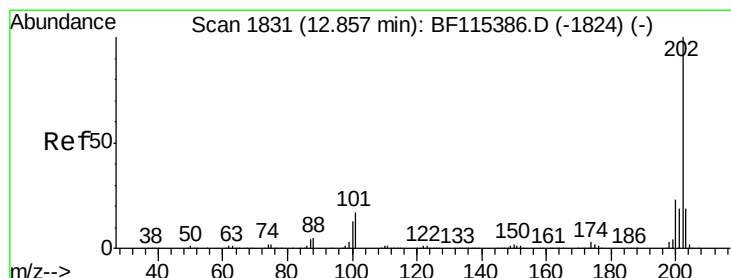
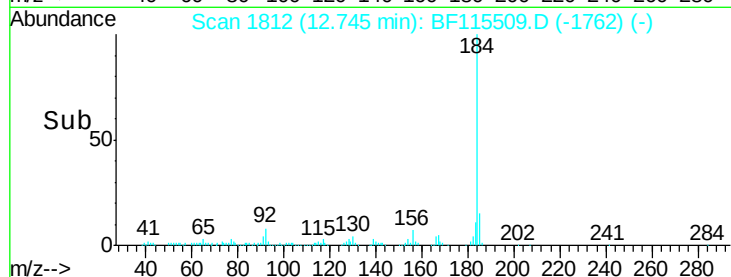
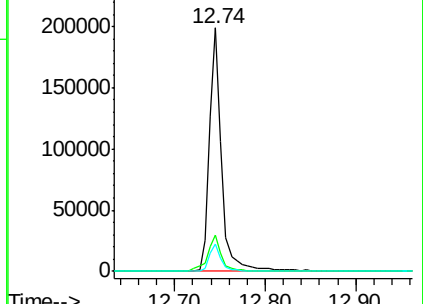
183 11.3 9.7 14.5



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: 40.399 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

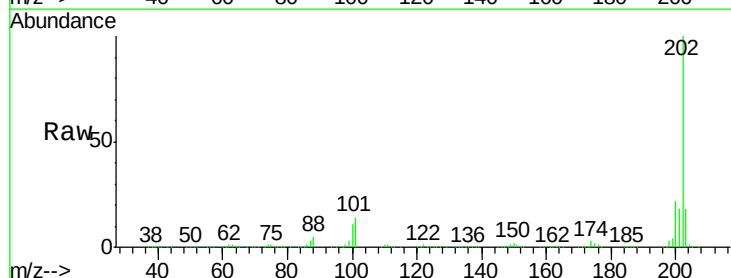
Tgt Ion:202 Resp: 1414864

Ion Ratio Lower Upper

202 100

200 22.3 17.6 26.4

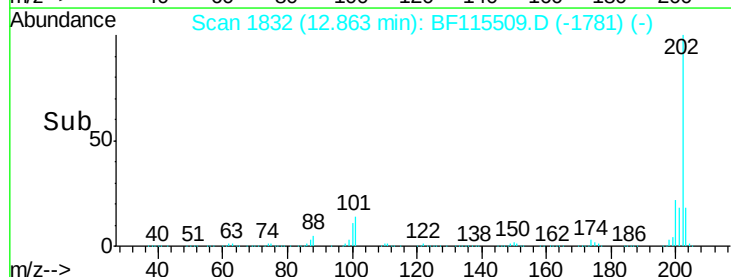
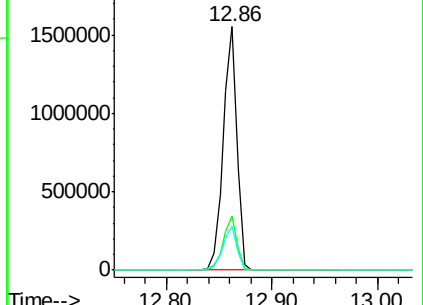
203 17.9 14.7 22.1

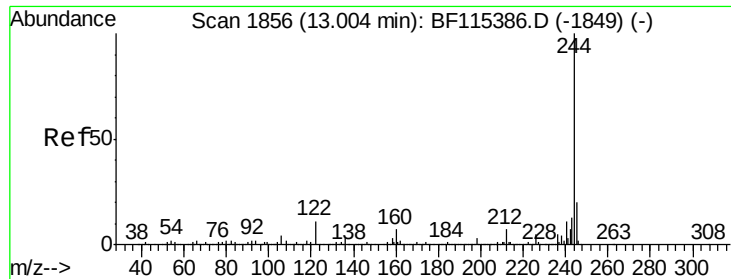


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



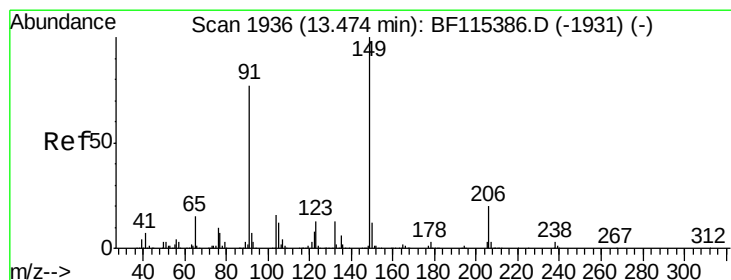
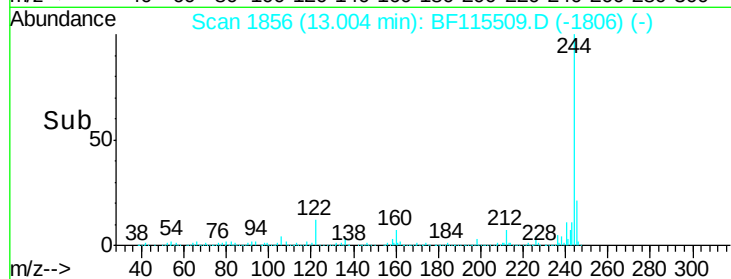
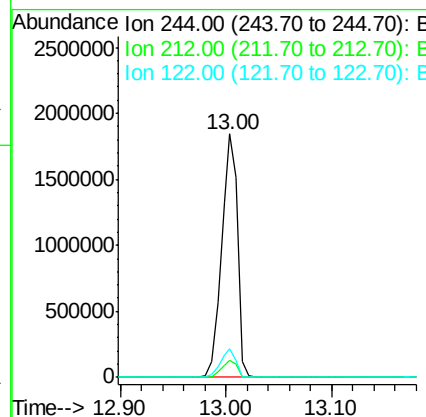
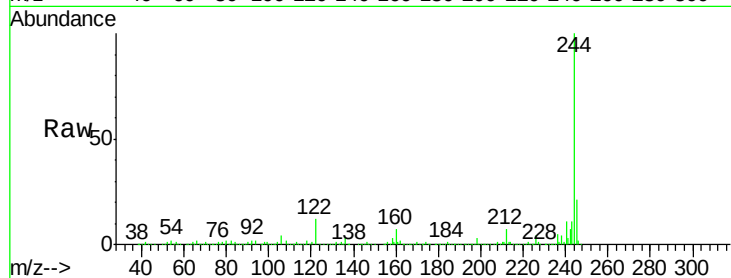


#79
 Terphenyl-d14
 Concen: 88.739 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF115509.D
 Acq: 11 Jul 2019 22:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1951871

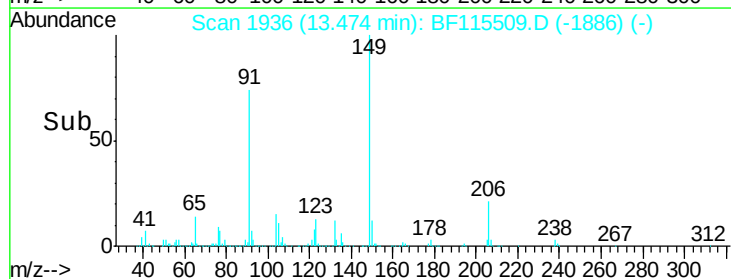
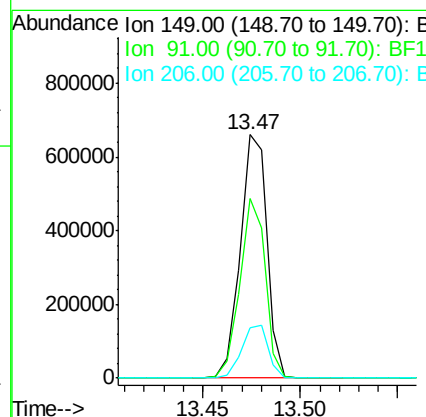
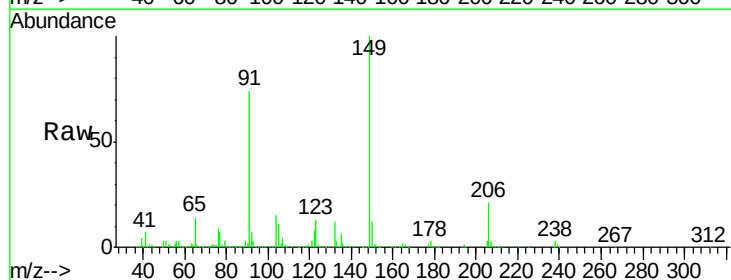
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.8	9.1	13.7

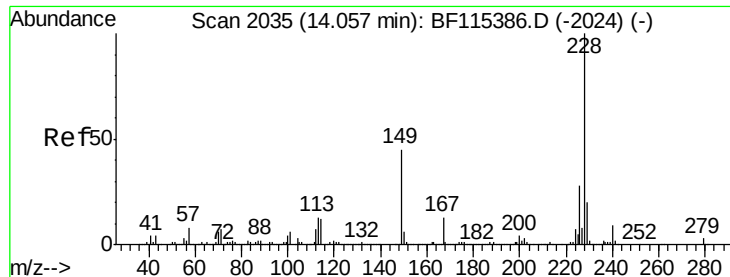


#80
 Butylbenzylphthalate
 Concen: 40.912 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BF115509.D
 Acq: 11 Jul 2019 22:01

Tgt Ion:149 Resp: 626031

Ion	Ratio	Lower	Upper
149	100		
91	73.6	57.8	86.6
206	20.6	16.9	25.3





#81

Benzo(a)anthracene

Concen: 38.880 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

Instrument :

BNA_F

ClientSampleId :

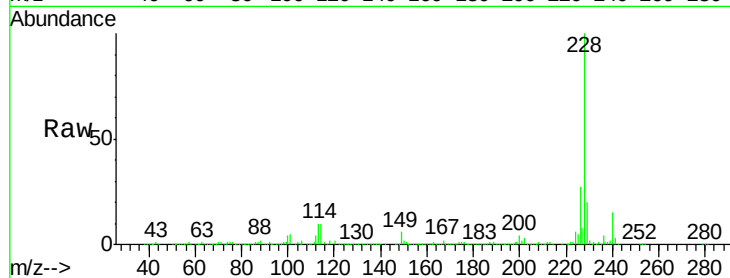
Tot Ion:228 Resp: 1121945

Ion Ratio Lower Upper

228 100

226 27.4 22.6 34.0

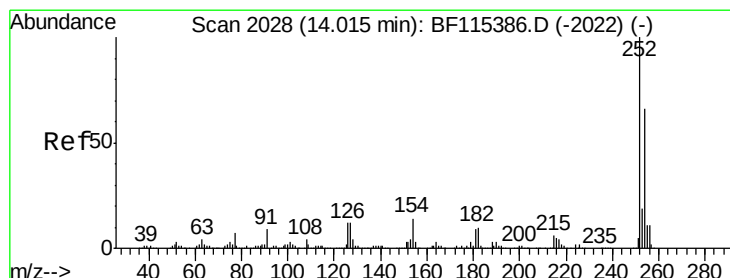
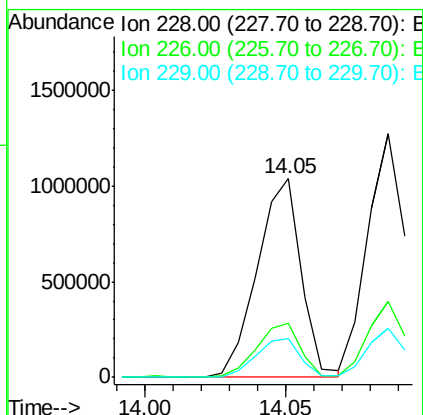
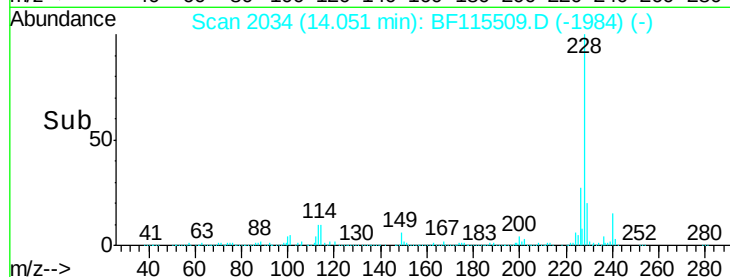
229 19.8 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.681 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

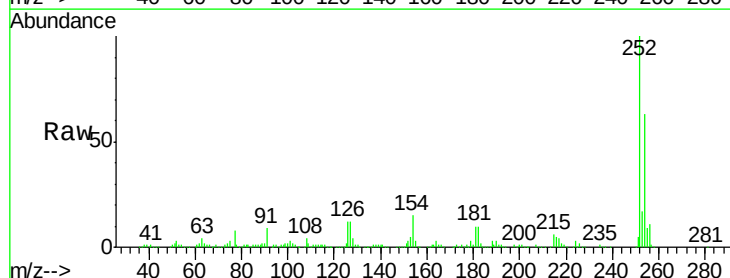
Tgt Ion:252 Resp: 321251

Ion Ratio Lower Upper

252 100

254 63.0 52.9 79.3

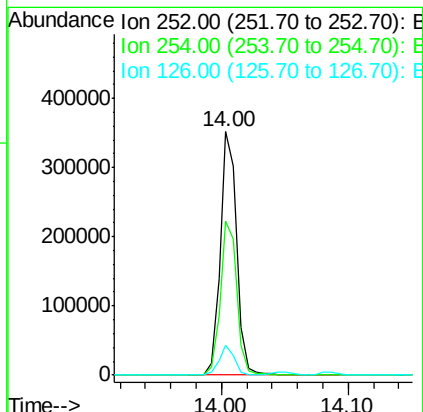
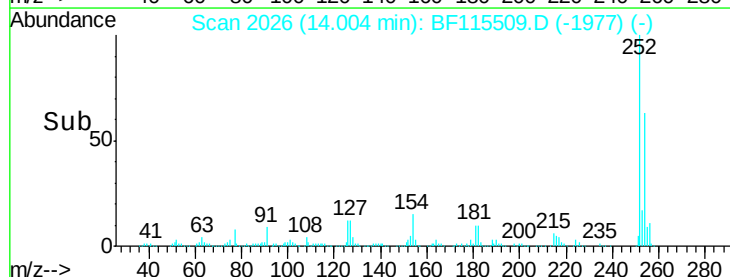
126 12.3 10.0 15.0

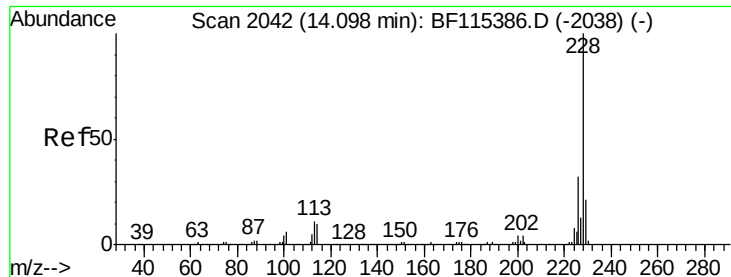


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

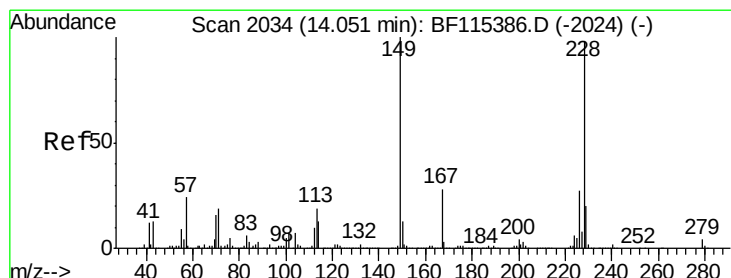
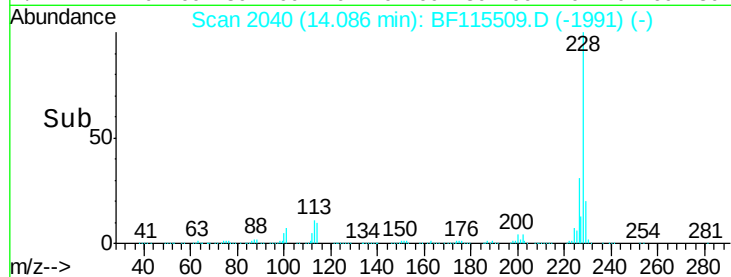
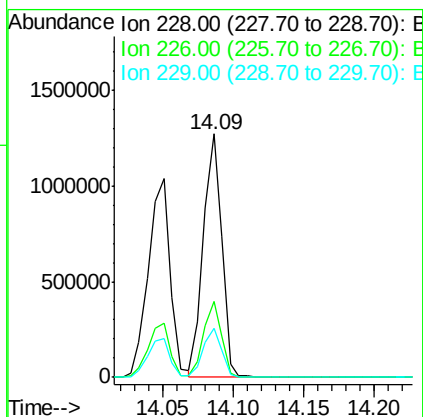
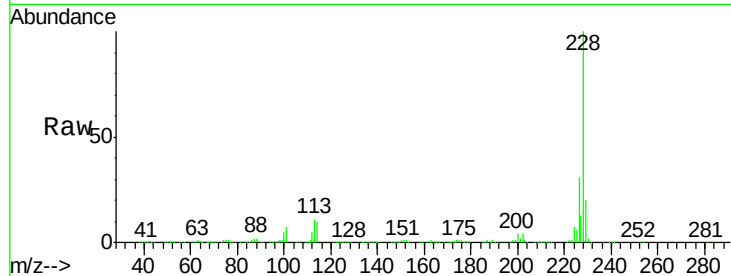




#83
 Chrysene
 Concen: 39.008 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF115509.D
 Acq: 11 Jul 2019 22:01

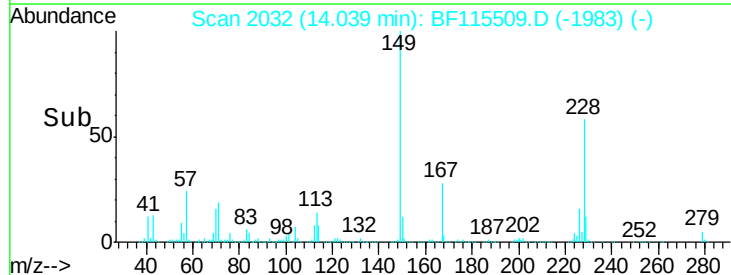
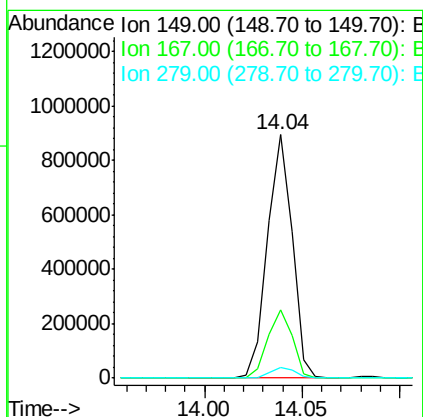
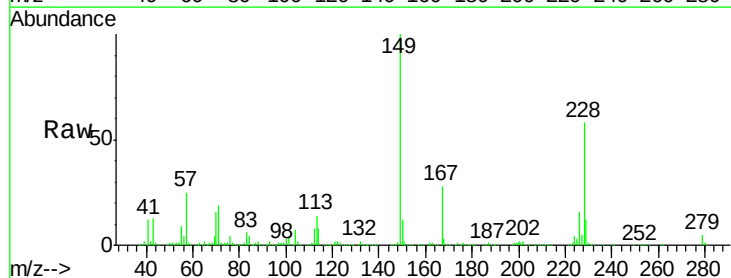
Instrument :
 BNA_F
 ClientSampleId :

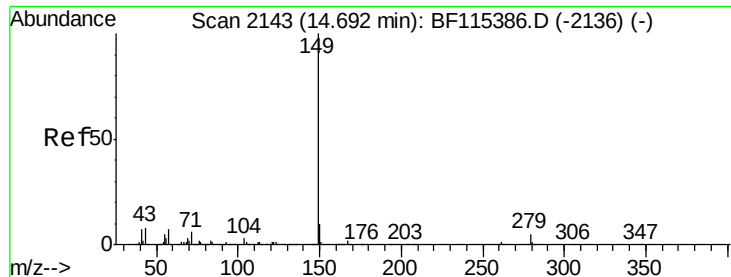
Tot Ion:228 Resp: 1156542
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.1 37.7
 229 20.2 16.1 24.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.622 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115509.D
 Acq: 11 Jul 2019 22:01

Tgt Ion:149 Resp: 788750
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.6 34.0
 279 4.5 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 39.580 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.03 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

Instrument :

BNA_F

ClientSampleId :

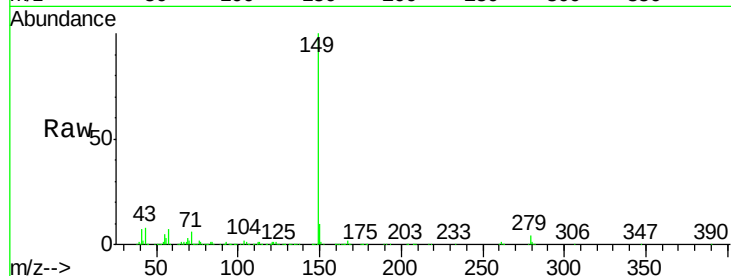
Tot Ion:149 Resp: 1335229

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

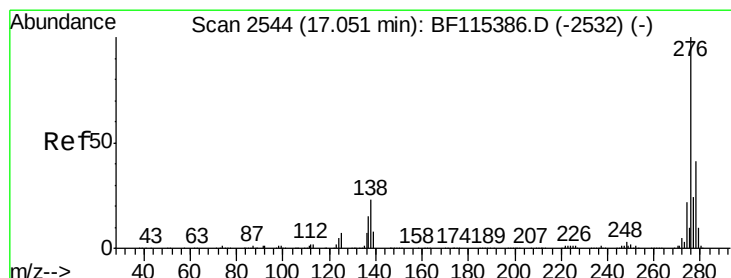
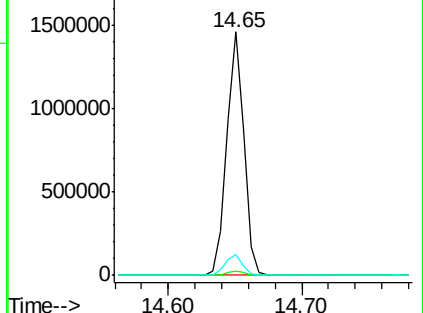
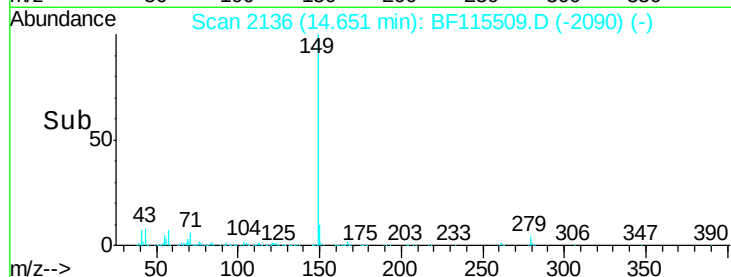
43 8.4 7.0 10.6



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: 53.621 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.03 min

Lab File: BF115509.D

Acq: 11 Jul 2019 22:01

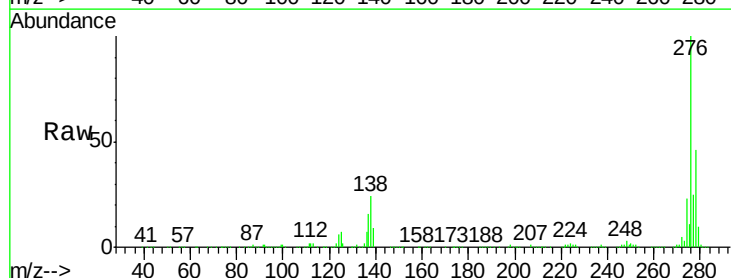
Tgt Ion:276 Resp: 1274673

Ion Ratio Lower Upper

276 100

138 25.5 20.6 31.0

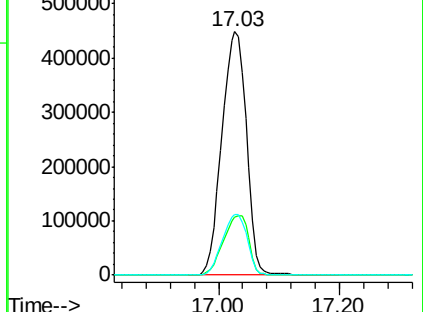
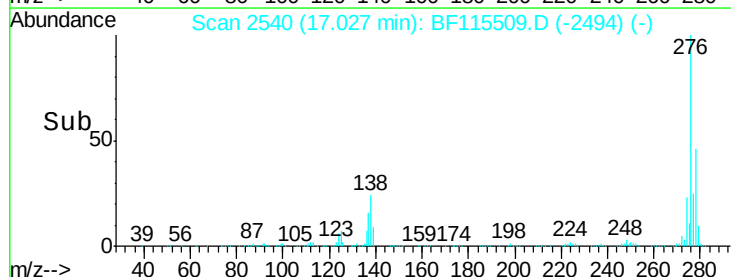
277 25.4 20.2 30.2

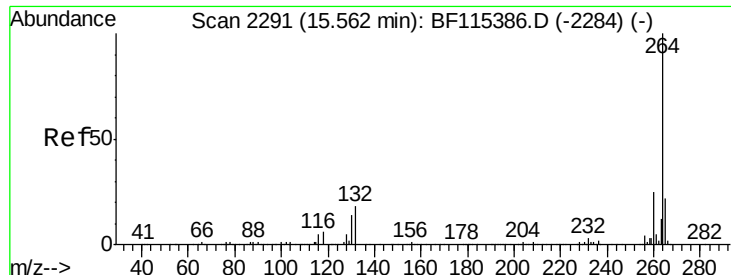


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

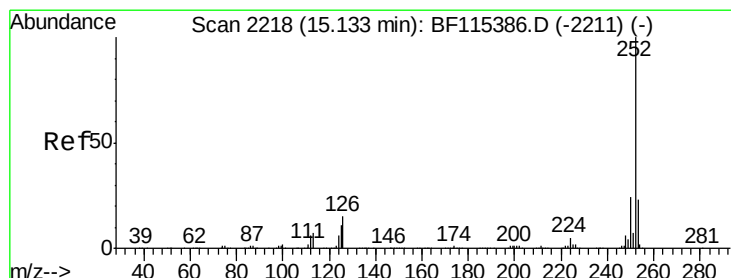
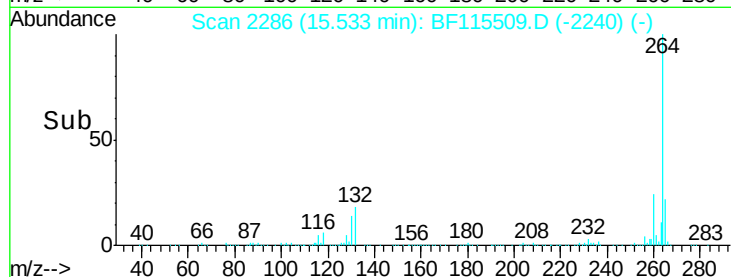
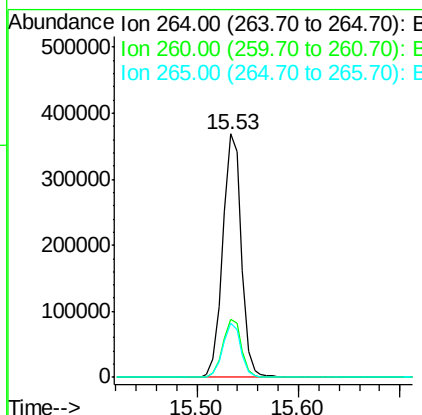
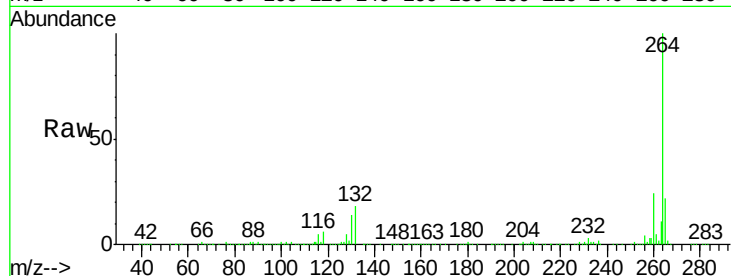




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. -0.03 min
 Lab File: BF115509.D
 Acq: 11 Jul 2019 22:01

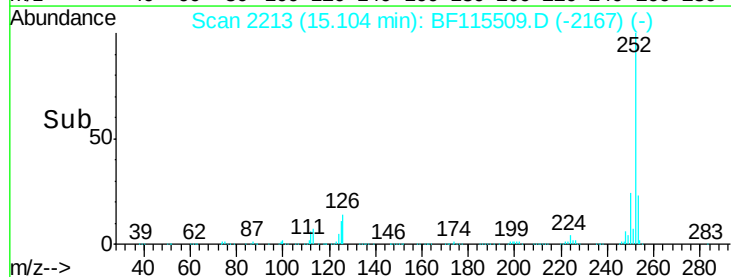
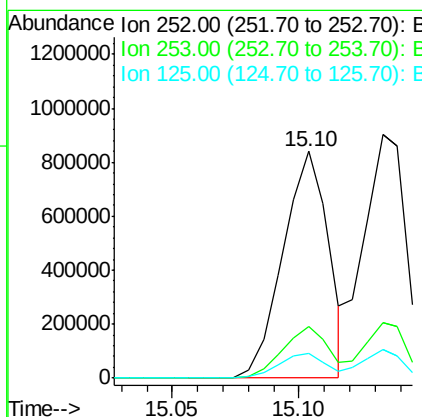
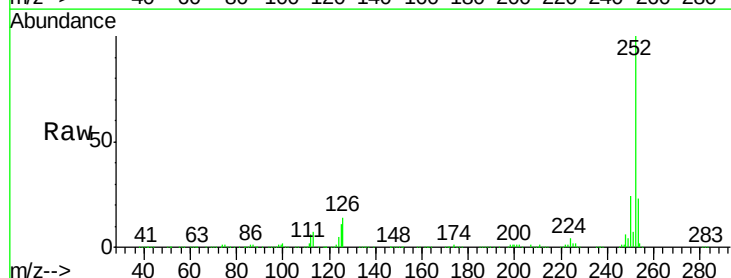
Instrument :
 BNA_F
 ClientSampleId :

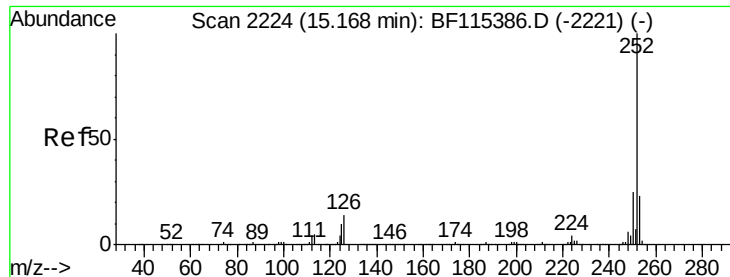
Tot Ion:264 Resp: 468224
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.1 30.1
 265 22.1 17.8 26.6



#88
 Benzo(b)fluoranthene
 Concen: 34.472 ng
 RT: 15.10 min Scan# 2213
 Delta R.T. -0.03 min
 Lab File: BF115509.D
 Acq: 11 Jul 2019 22:01

Tgt Ion:252 Resp: 1050906
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.0 27.0
 125 11.1 8.5 12.7

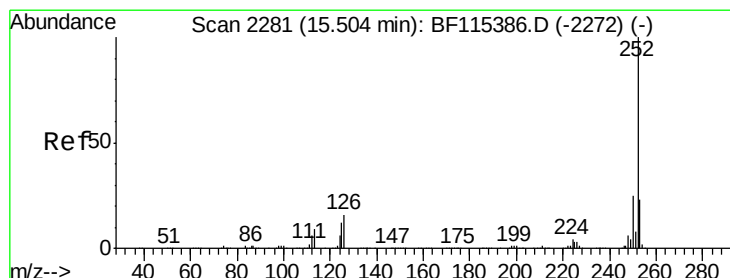
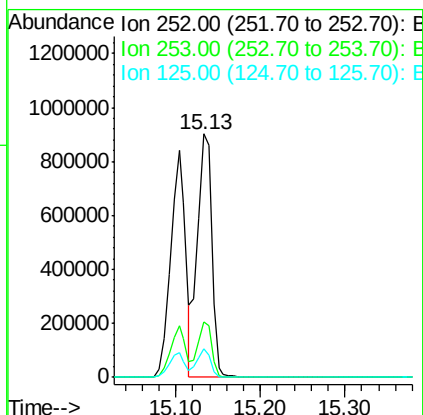
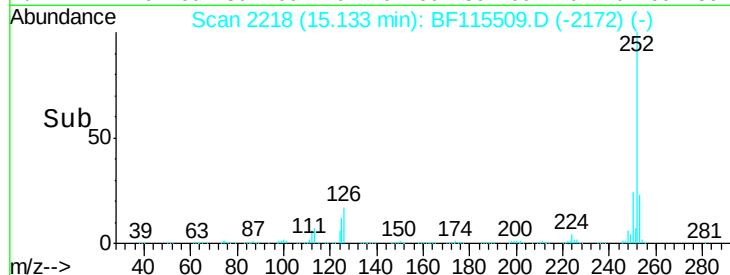
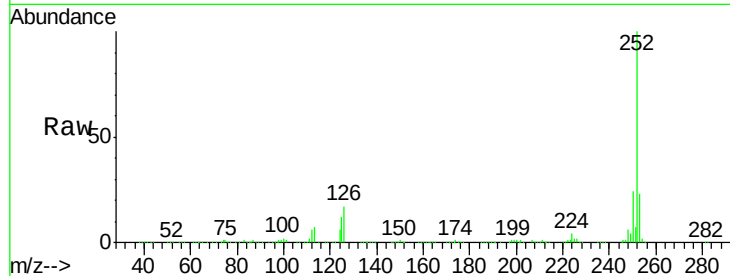




#89
Benzo(k)fluoranthene
Concen: 39.006 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.03 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

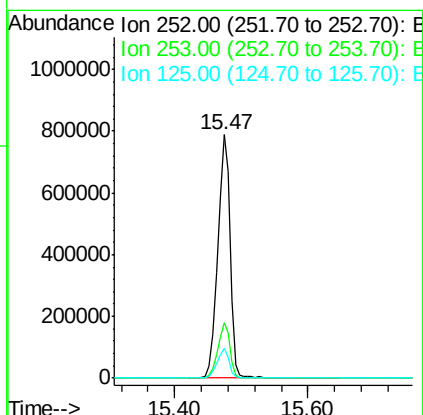
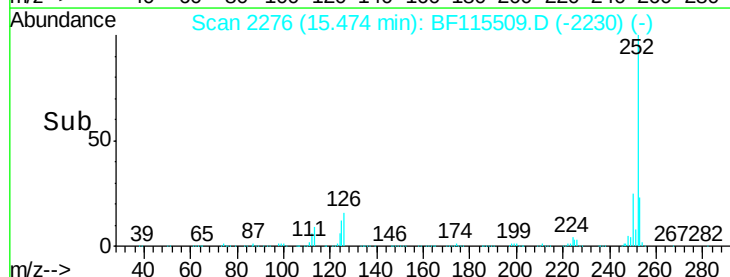
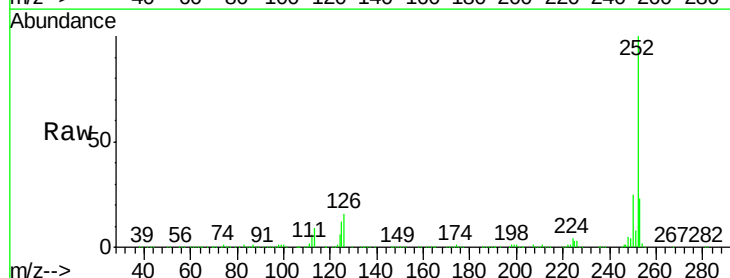
Instrument :
BNA_F
ClientSampleId :

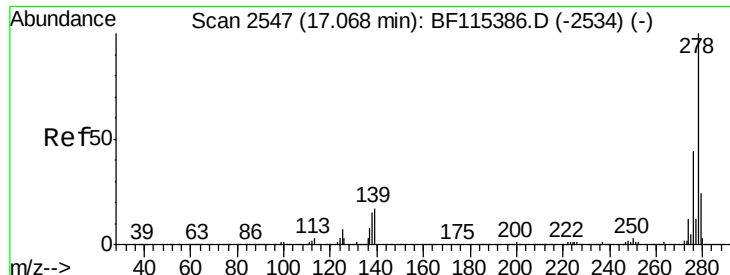
Tot Ion:252 Resp: 1057534
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 11.6 8.6 13.0



#90
Benzo(a)pyrene
Concen: 39.424 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

Tgt Ion:252 Resp: 1036627
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 12.2 9.7 14.5



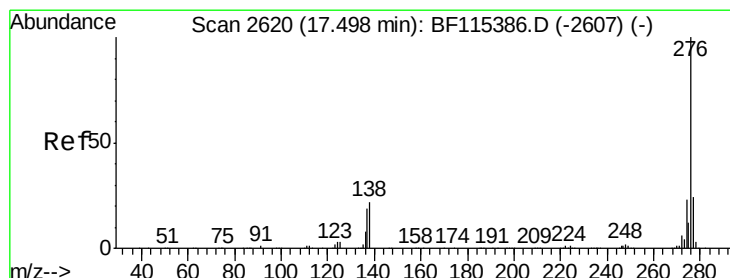
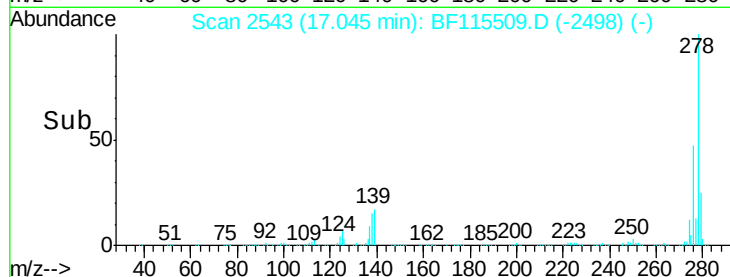
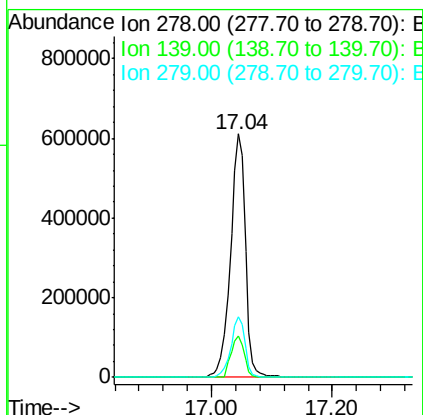
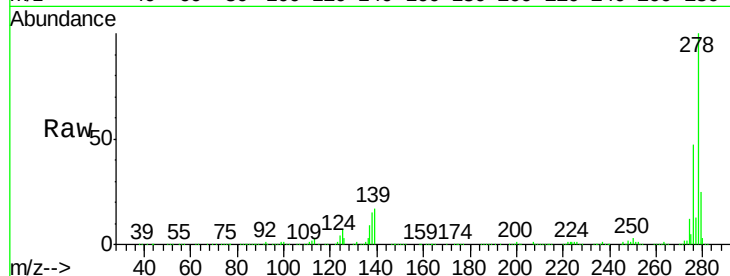


#91
Dibenzo(a,h)anthracene
Concen: 46.997 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.04 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1055966

Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.0	19.6
279	24.8	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 50.942 ng
RT: 17.48 min Scan# 2617
Delta R.T. -0.03 min
Lab File: BF115509.D
Acq: 11 Jul 2019 22:01

Tgt Ion:276 Resp: 1083393

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	22.5	17.8	26.8

