

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115495.D
 Acq On : 11 Jul 2019 12:21
 Operator : HP/JU
 Sample : PB121170BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121170BS

Quant Time: Jul 12 03:10:39 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	6.90	152	250507	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	969521	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	475485	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	929023	20.00	ng	0.00
76) Chrysene-d12	14.06	240	639320	20.00	ng	0.00
87) Perylene-d12	15.54	264	621438	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1868558	115.25	ng	0.02
7) Phenol-d6	6.54	99	2391630	115.98	ng	0.02
23) Nitrobenzene-d5	7.46	82	1536573	93.64	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	748653	142.40	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2531429	93.42	ng	0.00
79) Terphenyl-d14	13.02	244	2674504	85.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	199993	25.147	ng	99
3) Pyridine	3.57	79	514129	23.379	ng	100
4) n-Nitrosodimethylamine	3.50	42	197885	22.191	ng	99
6) Aniline	6.56	93	560699	19.269	ng	99
8) 2-Chlorophenol	6.69	128	469168	25.627	ng	92
9) Benzaldehyde	6.45	77	382089	30.626	ng	99
10) Phenol	6.55	94	574574	23.289	ng	89
11) bis(2-Chloroethyl)ether	6.63	93	451700	24.679	ng	97
12) 1,3-Dichlorobenzene	6.84	146	522861	26.068	ng	99
13) 1,4-Dichlorobenzene	6.92	146	523676	26.065	ng	100
14) 1,2-Dichlorobenzene	7.07	146	479420	25.773	ng	100
15) Benzyl Alcohol	7.04	79	435211	26.302	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	605448	23.658	ng	99
17) 2-Methylphenol	7.15	107	414150	26.405	ng	99
18) Hexachloroethane	7.41	117	191604	25.600	ng	95
19) n-Nitroso-di-n-propylamine	7.32	70	337883	24.220	ng	99
20) 3+4-Methylphenols	7.30	107	496232	26.784	ng	95
22) Acetophenone	7.30	105	666983	28.710	ng	97
24) Nitrobenzene	7.48	77	517854	27.944	ng	99
25) Isophorone	7.72	82	952645	26.784	ng	99
26) 2-Nitrophenol	7.79	139	270841	35.548	ng	99
27) 2,4-Dimethylphenol	7.83	122	463135	31.879	ng	100
28) bis(2-Chloroethoxy)methane	7.93	93	581950	26.534	ng	100
29) 2,4-Dichlorophenol	8.03	162	423852	29.292	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	462450	28.708	ng	99
31) Naphthalene	8.20	128	1404825	29.172	ng	100
32) Benzoic acid	7.96	122	322690	32.693	ng	99
33) 4-Chloroaniline	8.25	127	296277	13.789	ng	98
34) Hexachlorobutadiene	8.32	225	258196	28.263	ng	99
35) Caprolactam	8.62	113	71229	15.114	ng	98
36) 4-Chloro-3-methylphenol	8.73	107	441001	28.813	ng	98
37) 2-Methylnaphthalene	8.89	142	937877	29.138	ng	99
38) 1-Methylnaphthalene	8.99	142	884165	28.790	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	421514	30.815	ng	99

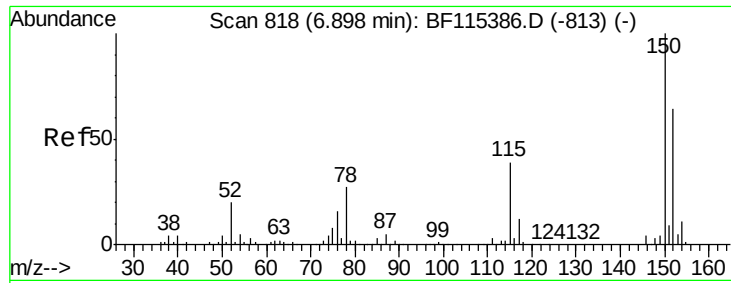
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115495.D
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 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	480135	60.560	ng	98
43) 2,4,6-Trichlorophenol	9.17	196	312196	31.349	ng	98
44) 2,4,5-Trichlorophenol	9.21	196	317192	30.716	ng	96
46) 1,1'-Biphenyl	9.36	154	1155052	30.900	ng	100
47) 2-Chloronaphthalene	9.39	162	907327	29.369	ng	99
48) 2-Nitroaniline	9.47	65	272739	30.048	ng	99
49) Acenaphthylene	9.80	152	1377535	29.450	ng	99
50) Dimethylphthalate	9.66	163	1045666	29.300	ng	100
51) 2,6-Dinitrotoluene	9.72	165	245922	31.773	ng	97
52) Acenaphthene	9.97	154	953924	32.405	ng	100
53) 3-Nitroaniline	9.88	138	176986	19.688	ng	95
54) 2,4-Dinitrophenol	9.99	184	243722	73.836	ng	92
55) Dibenzofuran	10.15	168	1234864	29.779	ng	100
56) 4-Nitrophenol	10.05	139	422638	60.766	ng	98
57) 2,4-Dinitrotoluene	10.12	165	323849	32.923	ng	91
58) Fluorene	10.49	166	909717	27.829	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	276612	31.008	ng	99
60) Diethylphthalate	10.36	149	1000420	28.479	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	472126	29.591	ng	99
62) 4-Nitroaniline	10.50	138	264912	30.022	ng	97
63) Azobenzene	10.64	77	988550	27.300	ng	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	168332	39.497	ng	87
66) n-Nitrosodiphenylamine	10.60	169	859888	29.376	ng	100
67) 4-Bromophenyl-phenylether	10.97	248	300174	28.796	ng	99
68) Hexachlorobenzene	11.04	284	337918	28.888	ng	99
69) Atrazine	11.12	200	278593	30.753	ng	100
70) Pentachlorophenol	11.23	266	409887	57.498	ng	99
71) Phenanthrene	11.45	178	1393128	28.513	ng	99
72) Anthracene	11.50	178	1444572	29.484	ng	100
73) Carbazole	11.65	167	1278215	28.517	ng	100
74) Di-n-butylphthalate	11.98	149	1505470	27.791	ng	99
75) Fluoranthene	12.63	202	1465742	28.491	ng	99
77) Benzidine	12.75	184	787164	31.574	ng	99
78) Pyrene	12.86	202	1494558	30.062	ng	99
80) Butylbenzylphthalate	13.48	149	643834	29.639	ng	98
81) Benzo(a)anthracene	14.05	228	1207347	29.474	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	312503	21.024	ng	96
83) Chrysene	14.09	228	1239495	29.449	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	812490	30.203	ng	100
85) Di-n-octyl phthalate	14.66	149	1447481	30.225	ng	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	1030247	27.609	ng	100
88) Benzo(b)fluoranthene	15.11	252	1165560	28.807	ng	99
89) Benzo(k)fluoranthene	15.14	252	1095141	30.434	ng	99
90) Benzo(a)pyrene	15.48	252	1061971	30.431	ng	99
91) Dibenzo(a,h)anthracene	17.04	278	854975	28.670	ng	99
92) Benzo(g,h,i)perylene	17.47	276	841885	29.826	ng	99

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

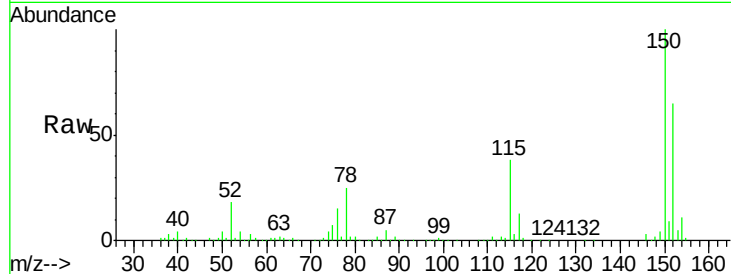


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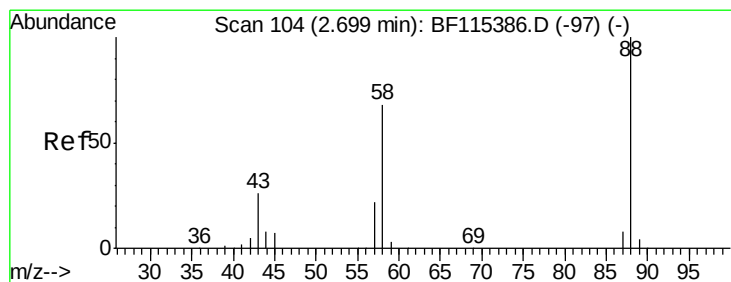
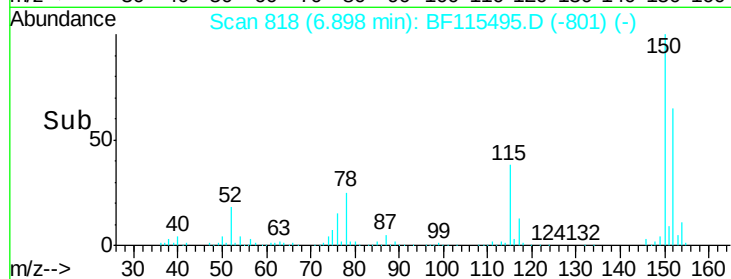
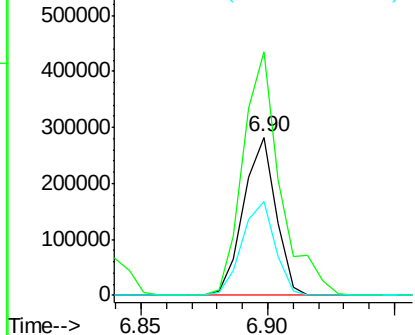
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121170BS

Tot Ion:152 Resp: 250507
Ion Ratio Lower Upper
152 100
150 153.6 127.4 191.2
115 58.9 46.2 69.4



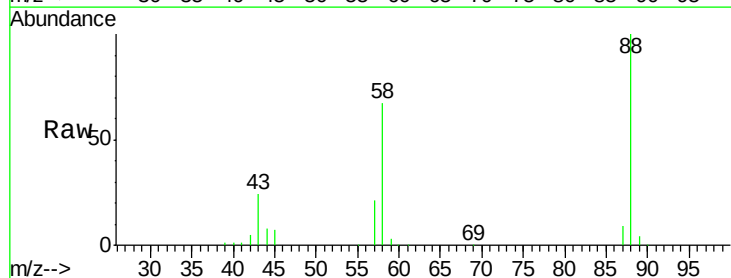
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



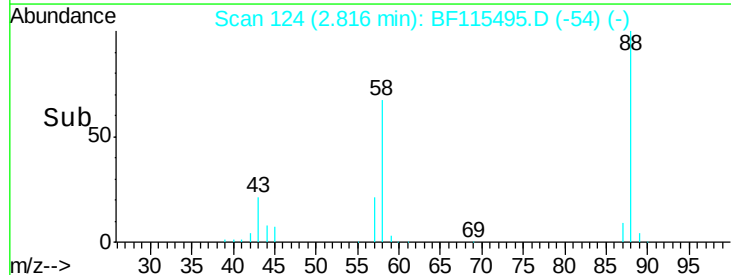
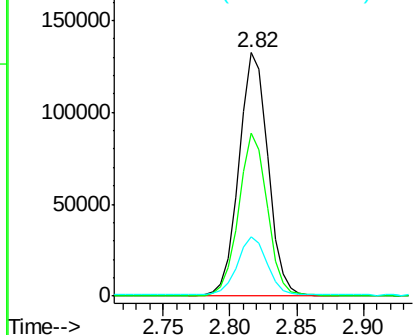
#2

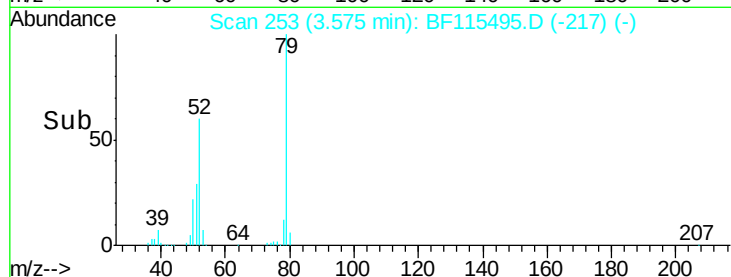
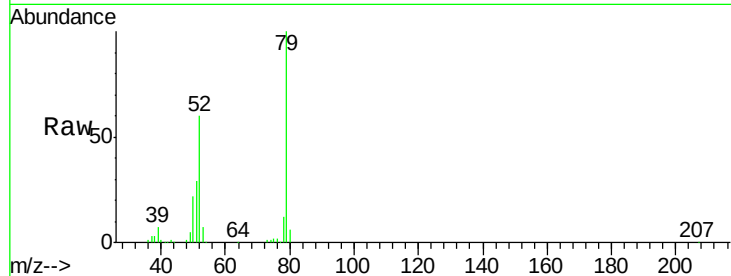
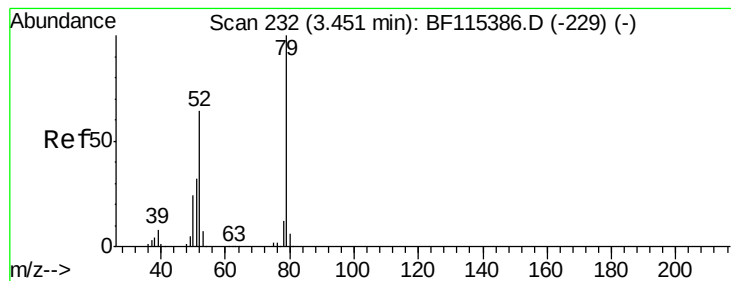
1,4-Dioxane
Concen: 25.147 ng
RT: 2.82 min Scan# 124
Delta R.T. 0.11 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Tgt Ion: 88 Resp: 199993
Ion Ratio Lower Upper
88 100
58 66.2 52.5 78.7
43 24.5 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: 23.379 ng

RT: 3.57 min Scan# 253

Delta R.T. 0.11 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

PB121170BS

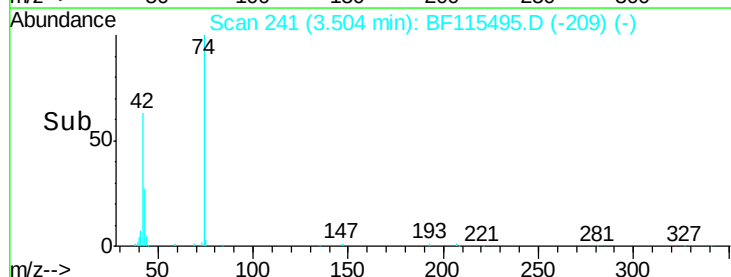
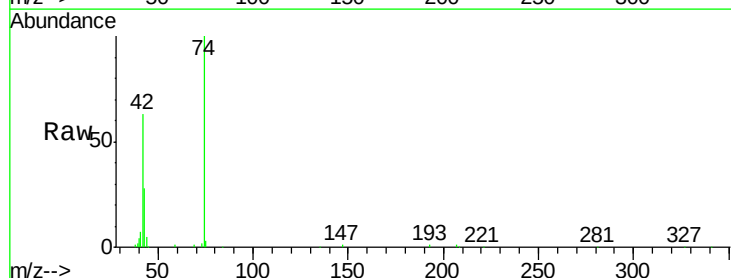
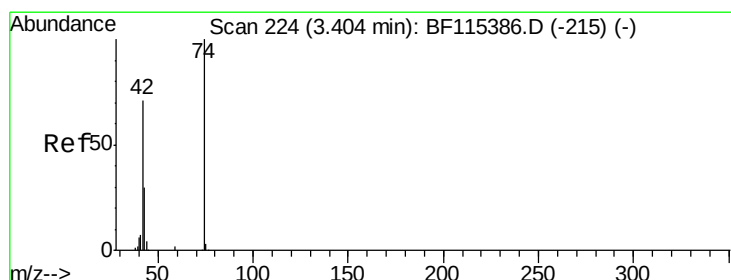
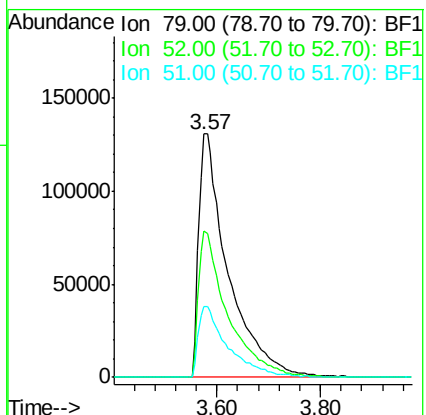
Tot Ion: 79 Resp: 514129

Ion Ratio Lower Upper

79 100

52 60.3 48.2 72.2

51 28.8 23.2 34.8



#4

n-Nitrosodimethylamine

Concen: 22.191 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.09 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

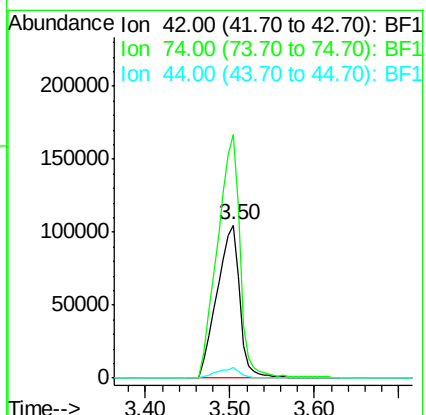
Tgt Ion: 42 Resp: 197885

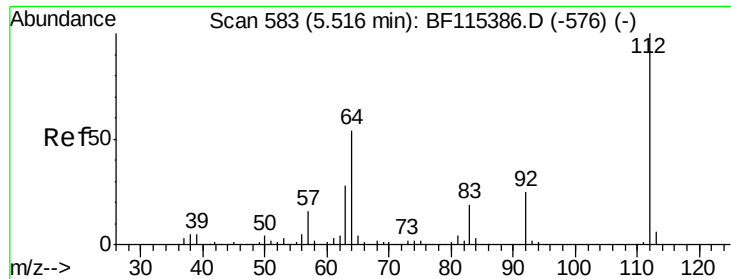
Ion Ratio Lower Upper

42 100

74 159.0 128.5 192.7

44 7.2 5.3 7.9





#5

2-Fluorophenol

Concen: 115.245 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.02 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

PB121170BS

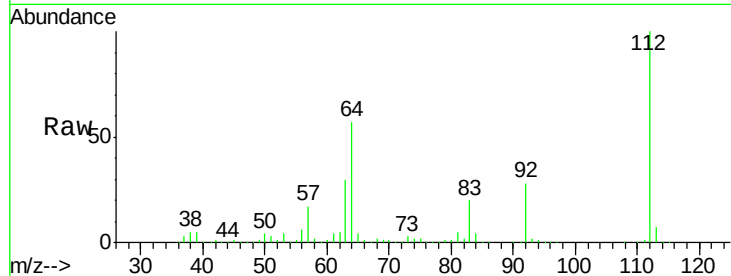
Tot Ion:112 Resp: 1868558

Ion Ratio Lower Upper

112 100

64 57.3 44.2 66.2

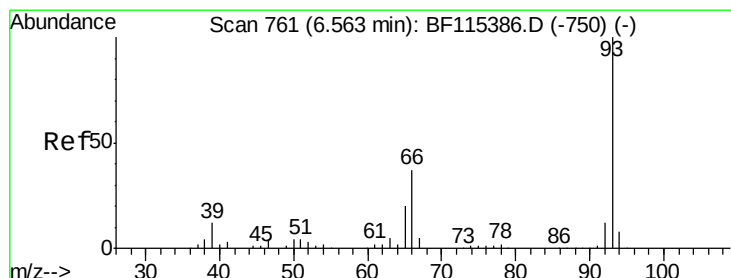
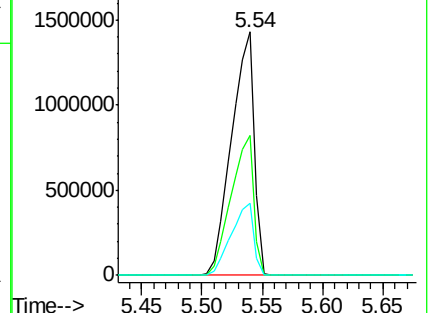
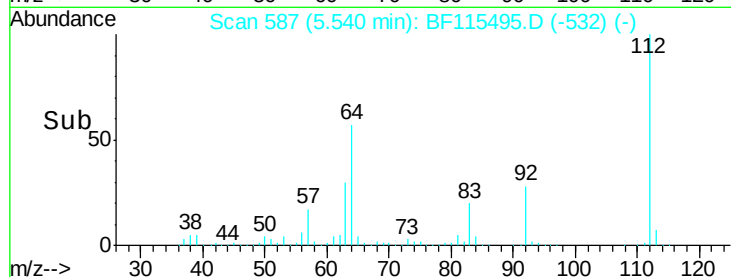
63 29.8 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): BF115386.D (-576) (-)

Ion 64.00 (63.70 to 64.70): BF115386.D (-576) (-)

Ion 63.00 (62.70 to 63.70): BF115386.D (-576) (-)



#6

Aniline

Concen: 19.269 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

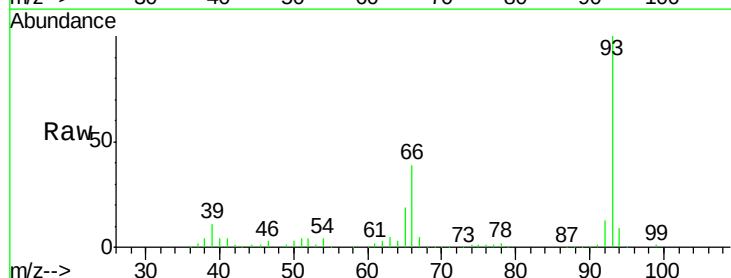
Tgt Ion: 93 Resp: 560699

Ion Ratio Lower Upper

93 100

66 38.6 31.3 46.9

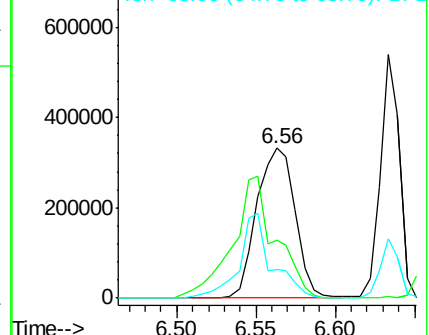
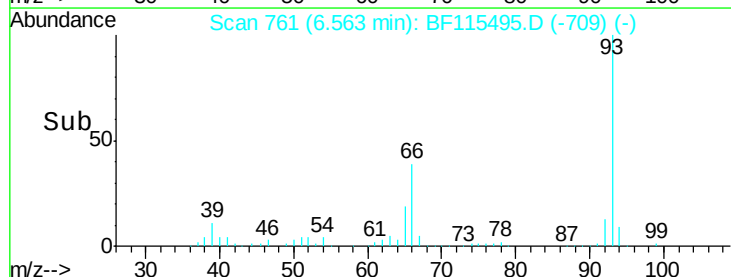
65 19.2 15.9 23.9

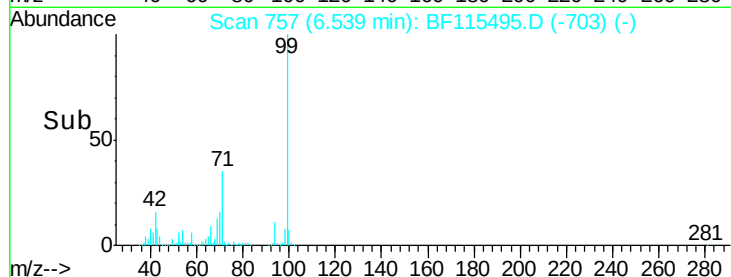
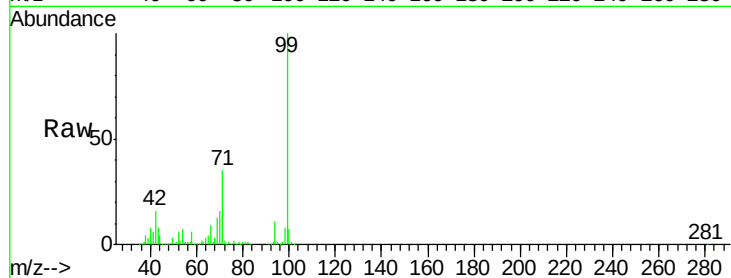
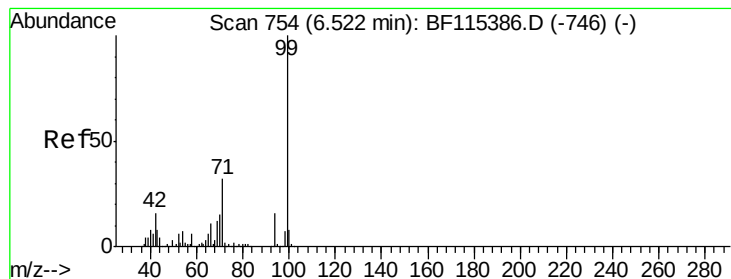


Abundance Ion 93.00 (92.70 to 93.70): BF115386.D (-750) (-)

Ion 66.00 (65.70 to 66.70): BF115386.D (-750) (-)

Ion 65.00 (64.70 to 65.70): BF115386.D (-750) (-)





#7

Phenol-d6

Concen: 115.983 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

PB121170BS

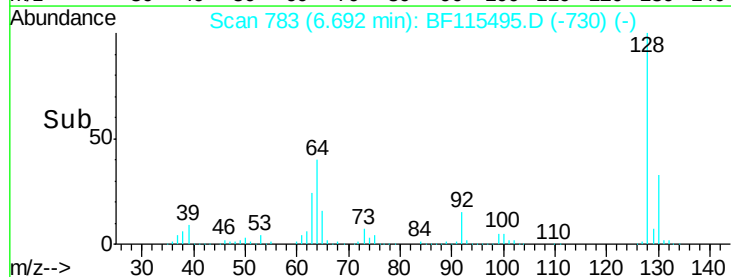
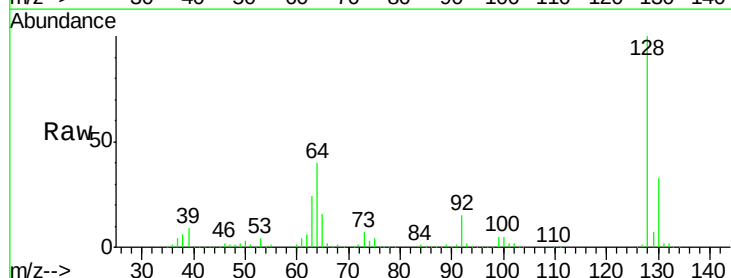
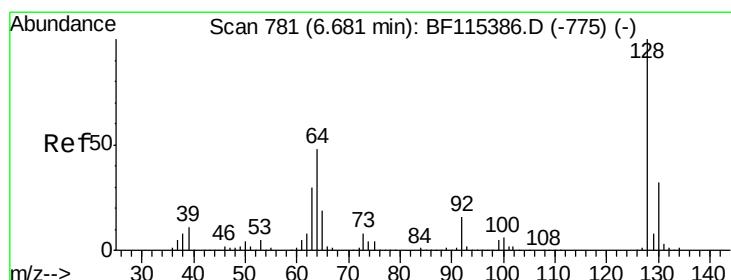
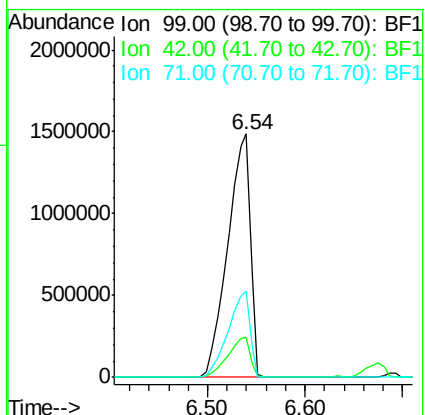
Tot Ion: 99 Resp: 2391630

Ion Ratio Lower Upper

99 100

42 16.3 12.8 19.2

71 35.2 26.5 39.7



#8

2-Chlorophenol

Concen: 25.627 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

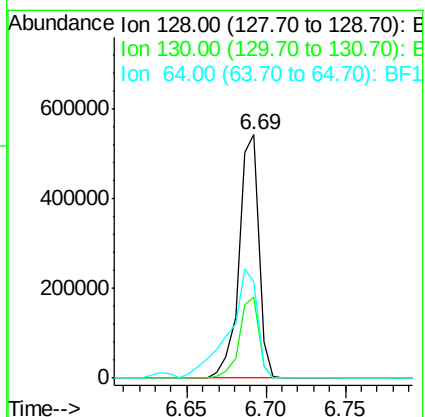
Tgt Ion: 128 Resp: 469168

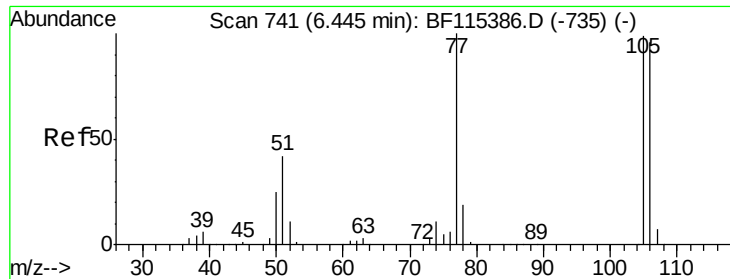
Ion Ratio Lower Upper

128 100

130 33.1 11.8 51.8

64 39.5 27.0 67.0

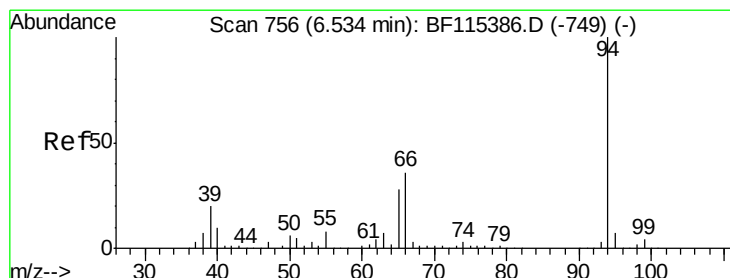
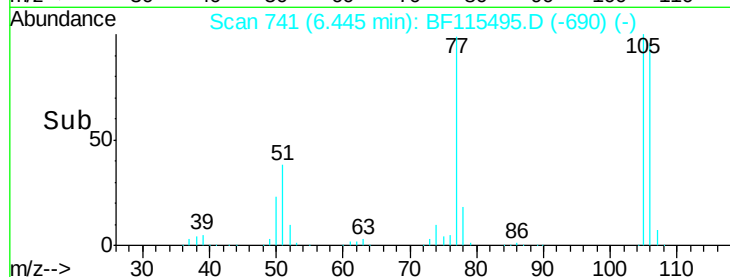
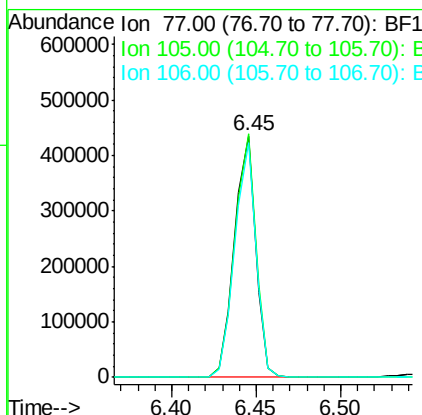
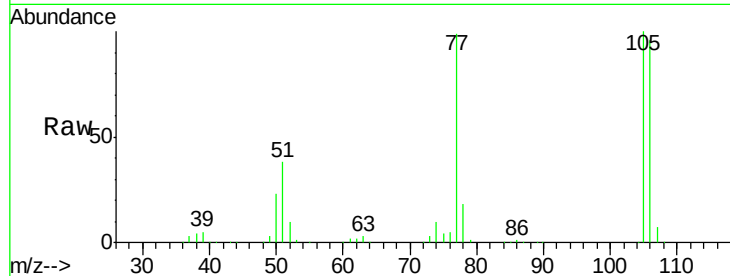




#9
Benzaldehyde
Concen: 30.626 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

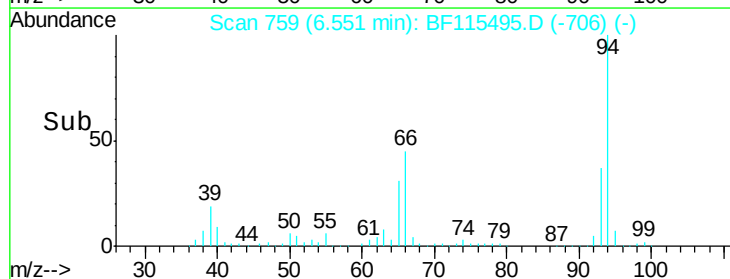
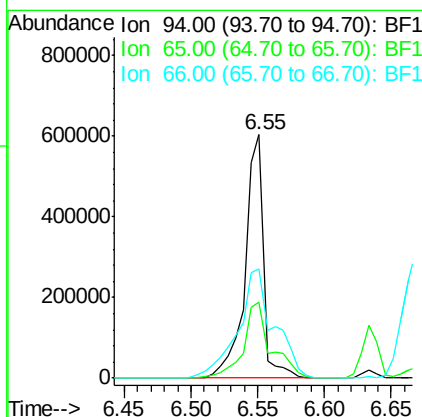
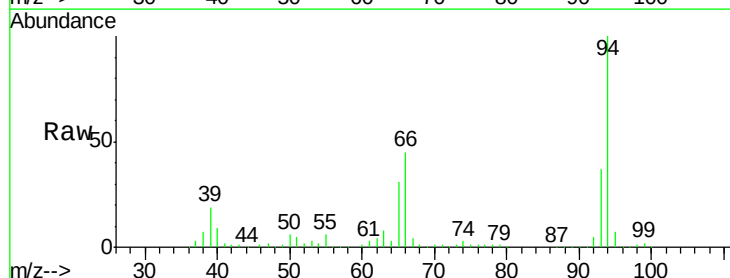
Instrument :
BNA_F
ClientSampleId :
PB121170BS

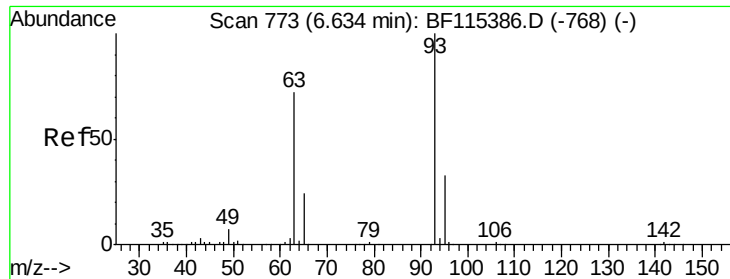
Tot Ion: 77 Resp: 382089
Ion Ratio Lower Upper
77 100
105 101.0 82.9 122.9
106 97.1 77.8 117.8



#10
Phenol
Concen: 23.289 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Tgt Ion: 94 Resp: 574574
Ion Ratio Lower Upper
94 100
65 31.2 7.2 47.2
66 44.8 16.9 56.9

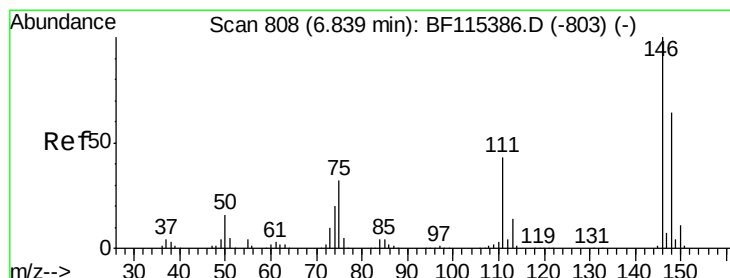
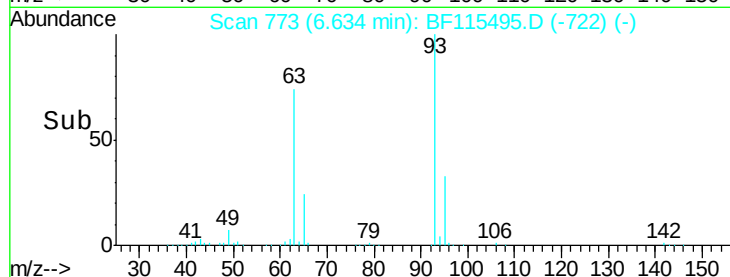
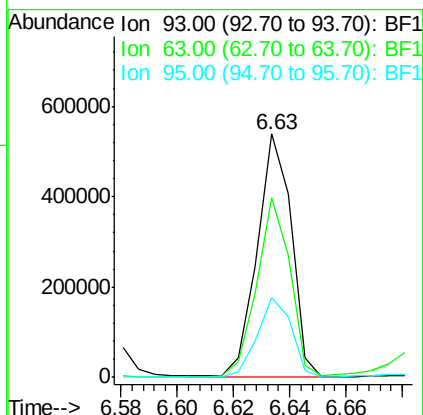
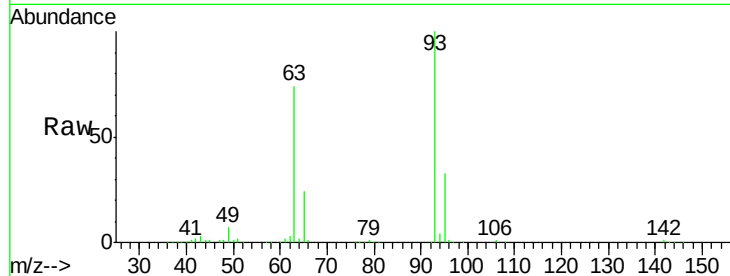




#11
bis(2-Chloroethyl)ether
Concen: 24.679 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

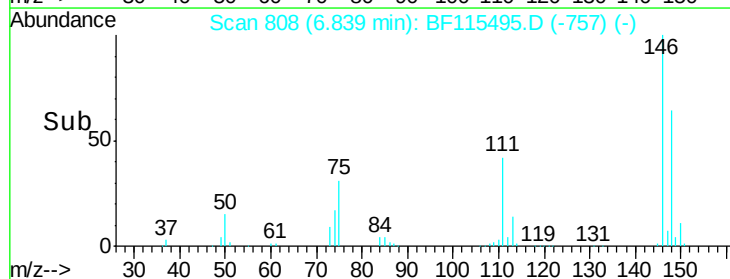
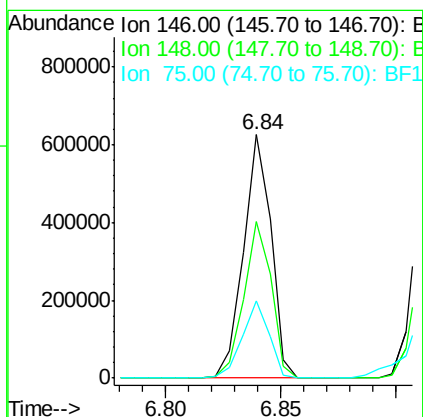
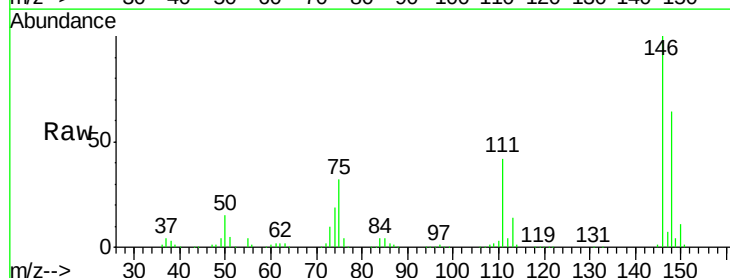
Instrument :
BNA_F
ClientSampleId :
PB121170BS

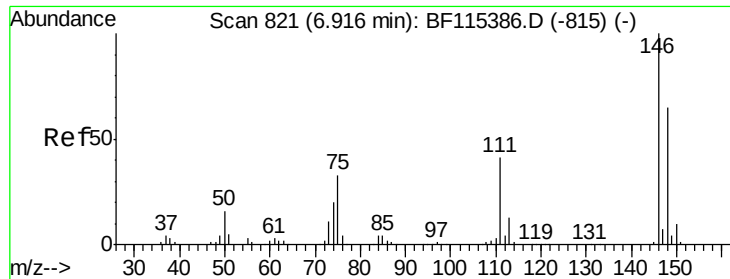
Tot Ion: 93 Resp: 451700
Ion Ratio Lower Upper
93 100
63 73.8 50.0 90.0
95 33.0 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 26.068 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Tgt Ion: 146 Resp: 522861
Ion Ratio Lower Upper
146 100
148 64.3 52.3 78.5
75 31.7 24.8 37.2

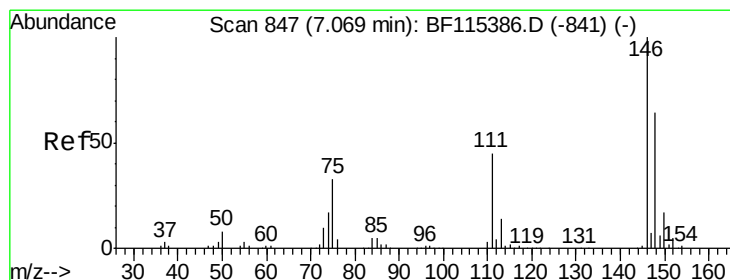
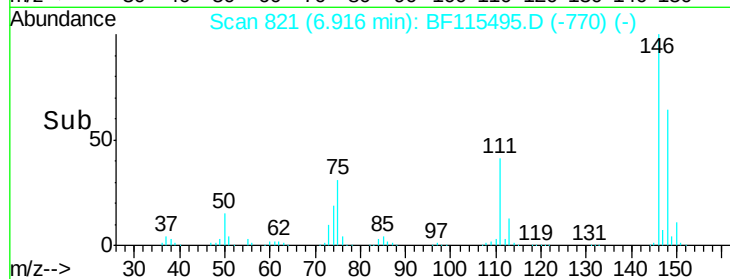
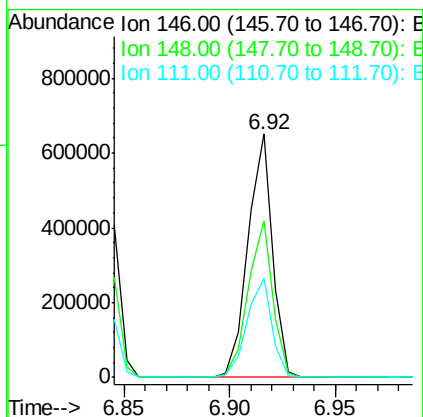
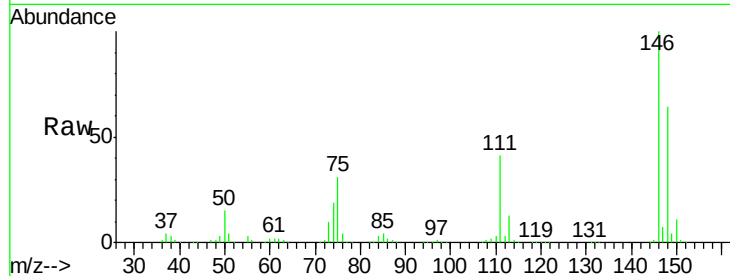




#13
 1,4-Dichlorobenzene
 Concen: 26.065 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF115495.D
 Acq: 11 Jul 2019 12:21

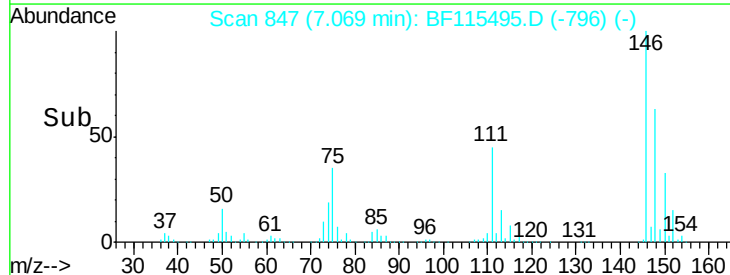
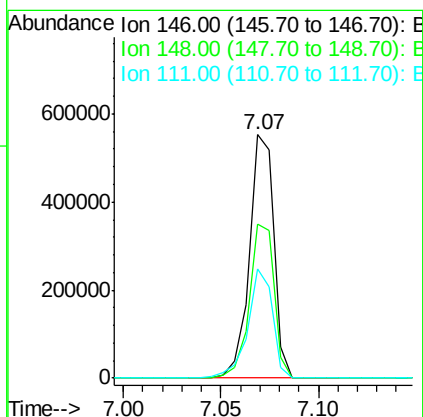
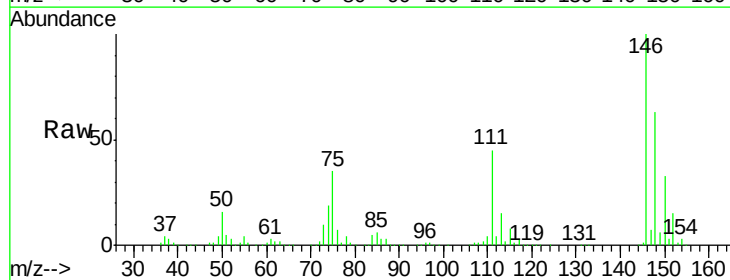
Instrument :
 BNA_F
 ClientSampleId :
 PB121170BS

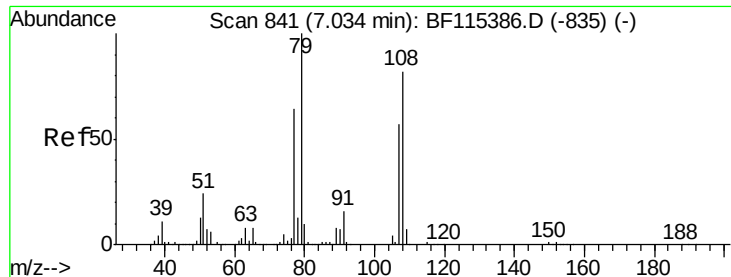
Tot Ion:146 Resp: 523676
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.3 76.9
 111 40.6 32.1 48.1



#14
 1,2-Dichlorobenzene
 Concen: 25.773 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF115495.D
 Acq: 11 Jul 2019 12:21

Tgt Ion:146 Resp: 479420
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 44.8 35.4 53.2





#15

Benzyl Alcohol

Concen: 26.302 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

PB121170BS

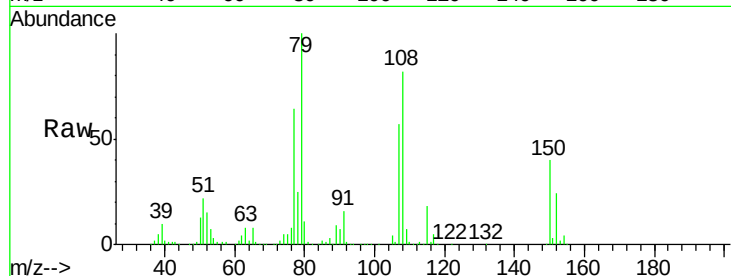
Tot Ion: 79 Resp: 435211

Ion Ratio Lower Upper

79 100

108 82.0 65.3 97.9

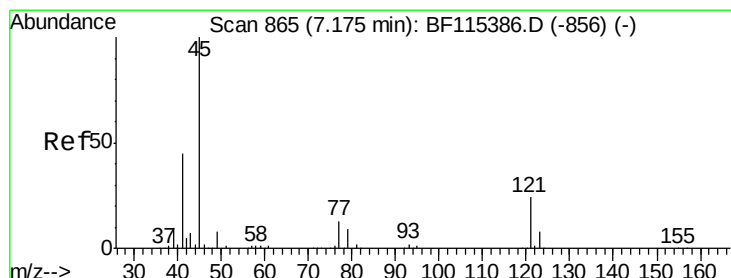
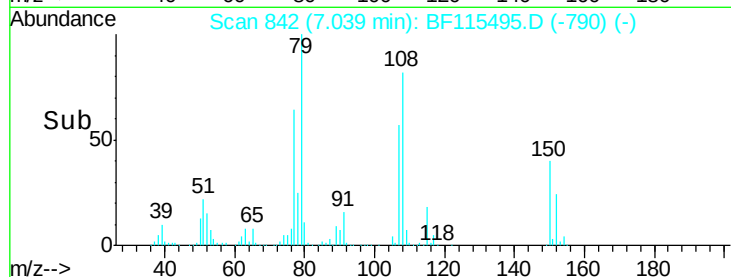
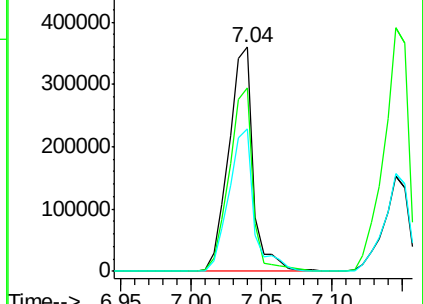
77 63.6 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.658 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

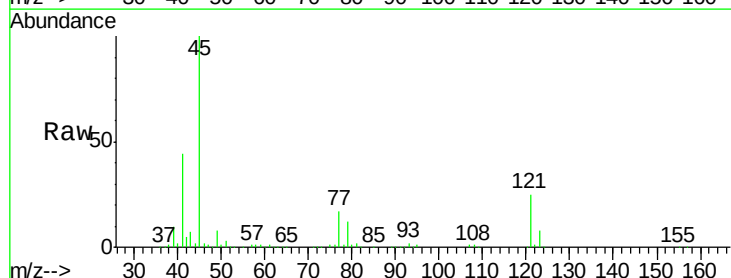
Tgt Ion: 45 Resp: 605448

Ion Ratio Lower Upper

45 100

77 16.5 0.0 36.4

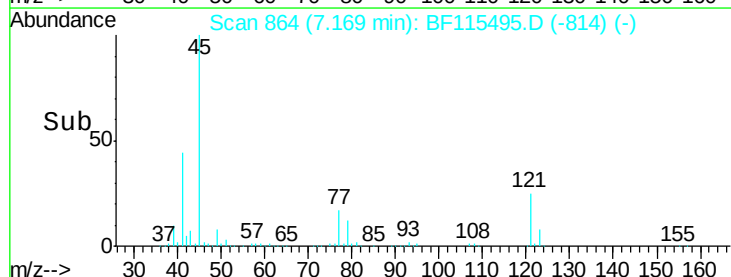
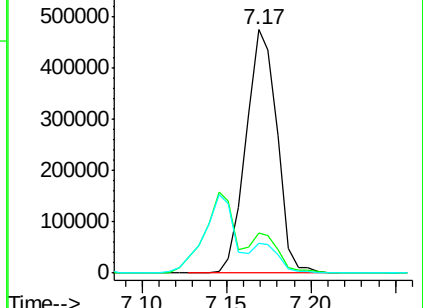
79 12.3 0.0 33.4

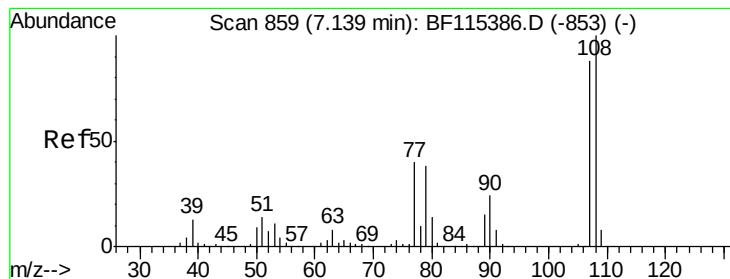


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

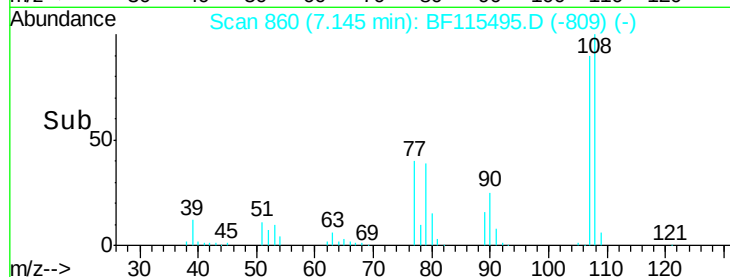
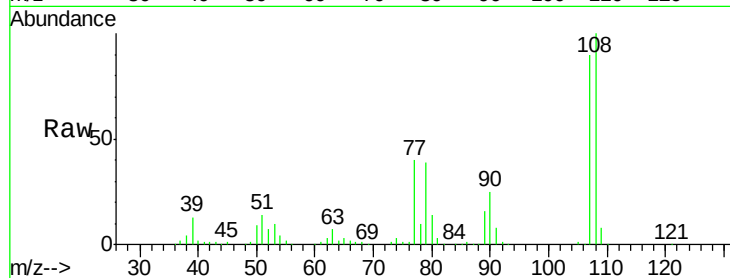




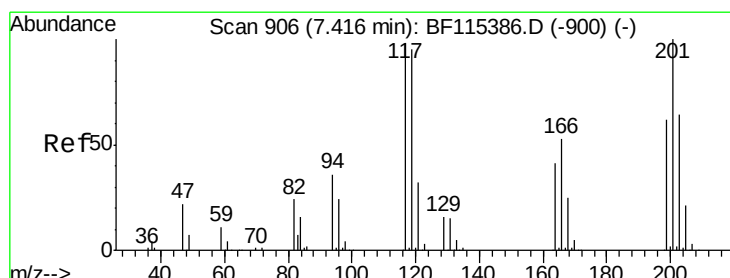
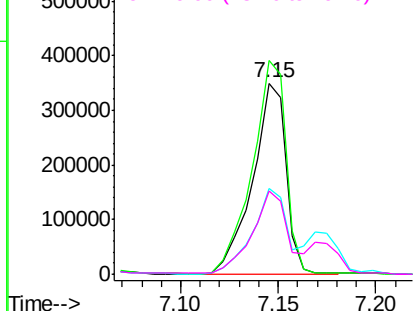
#17
2-Methylphenol
Concen: 26.405 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121170BS

Tot Ion:107 Resp: 414150
Ion Ratio Lower Upper
107 100
108 111.7 90.0 135.0
77 45.0 35.0 52.4
79 43.5 34.4 51.6

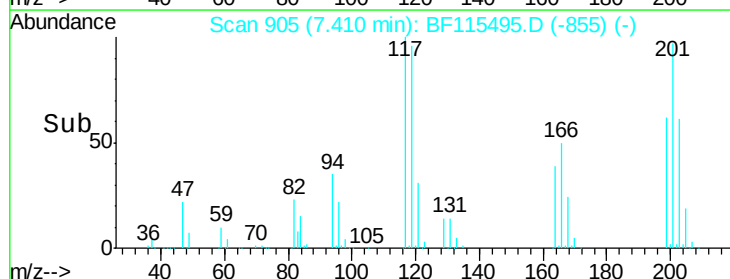
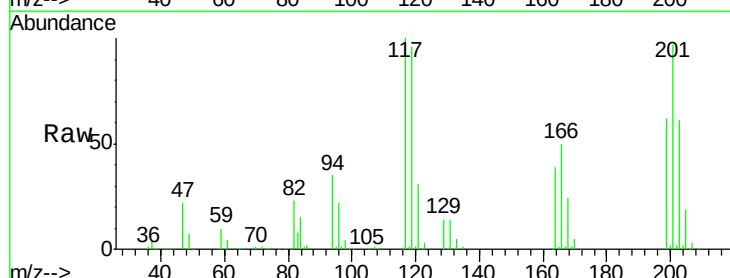


Abundance Ion 107.00 (106.70 to 107.70): E
600000
Ion 108.00 (107.70 to 108.70): E
500000
Ion 77.00 (76.70 to 77.70): BF1
400000
Ion 79.00 (78.70 to 79.70): BF1
300000
200000
100000
0

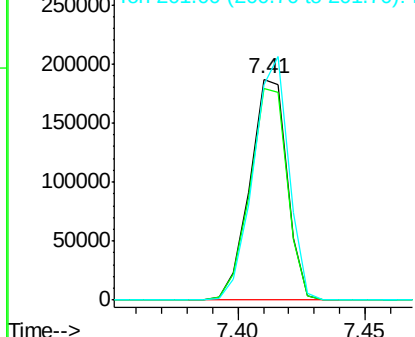


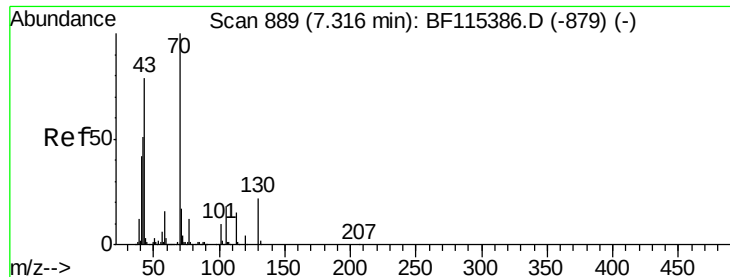
#18
Hexachloroethane
Concen: 25.600 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Tgt Ion:117 Resp: 191604
Ion Ratio Lower Upper
117 100
119 95.8 76.8 115.2
201 97.5 85.8 128.6



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

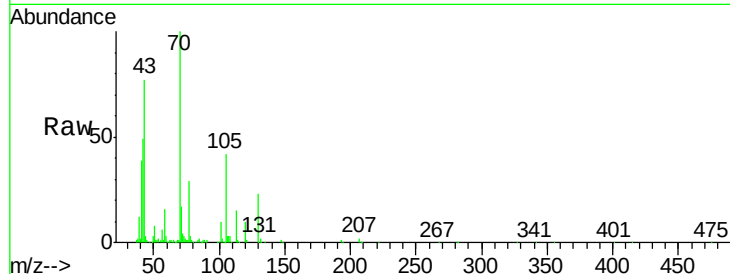




#19
n-Nitroso-di-n-propylamine
Concen: 24.220 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121170BS

Tot Ion:	70	Resp:	337883
Ion	Ratio	Lower	Upper
70	100		
42	49.2	38.5	57.7
101	10.2	8.0	12.0
130	23.4	19.1	28.7



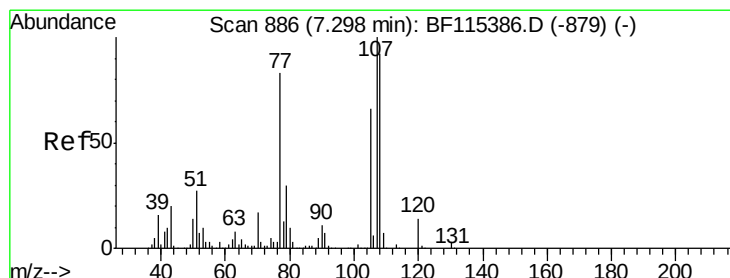
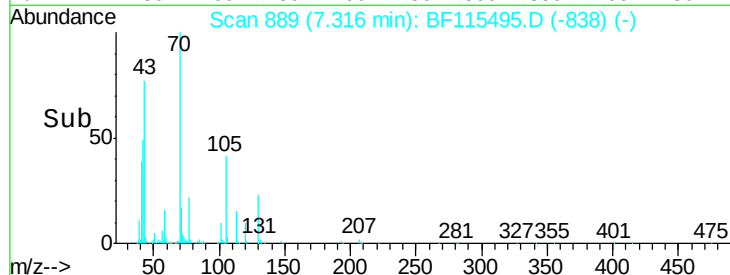
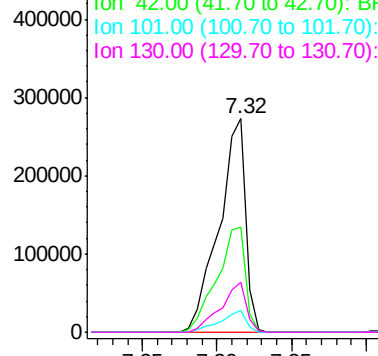
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

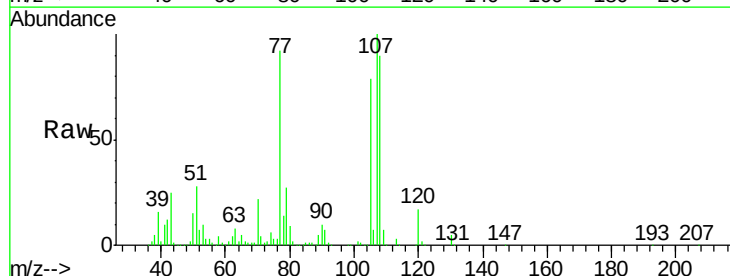
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 26.784 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Tgt Ion:	107	Resp:	496232
Ion	Ratio	Lower	Upper
107	100		
108	89.7	70.5	110.5
77	91.7	63.0	103.0
79	27.0	8.3	48.3



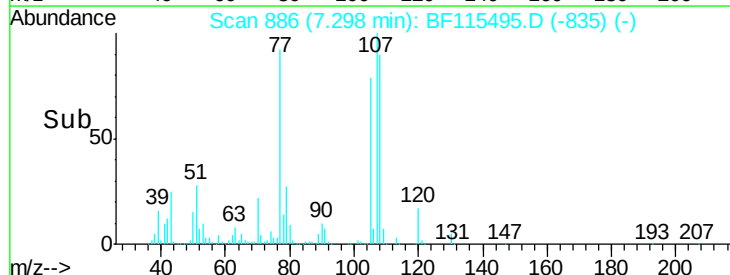
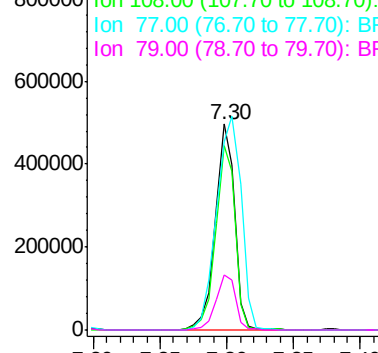
Abundance

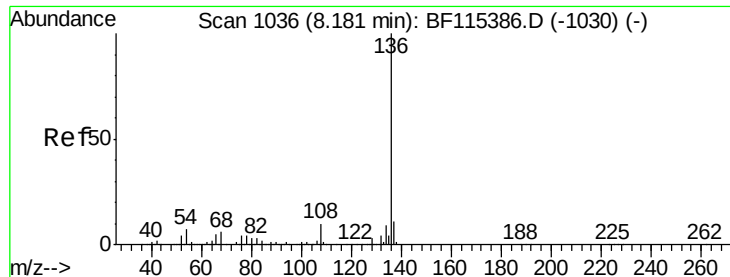
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

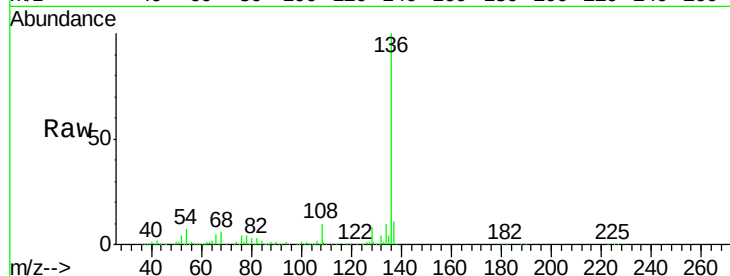




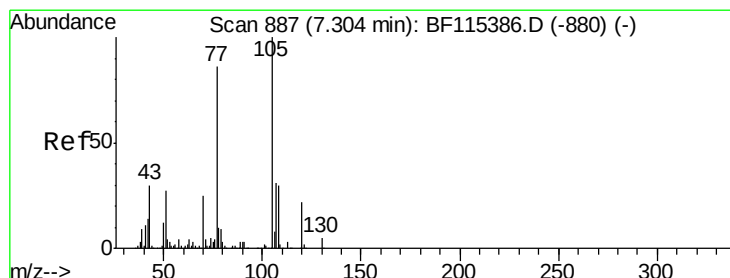
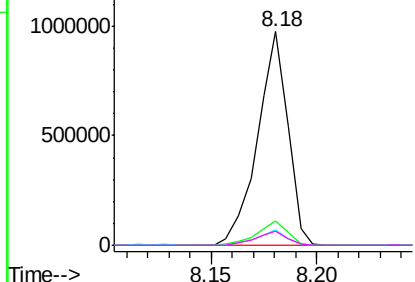
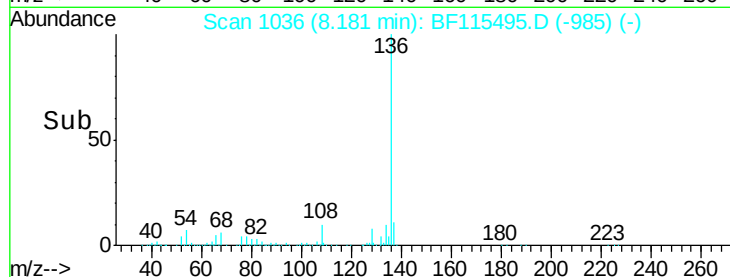
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121170BS

Tot Ion:136	Resp: 969521
Ion Ratio	Lower Upper
136 100	
137 11.4	8.8 13.2
54 6.9	5.4 8.0
68 6.4	4.8 7.2

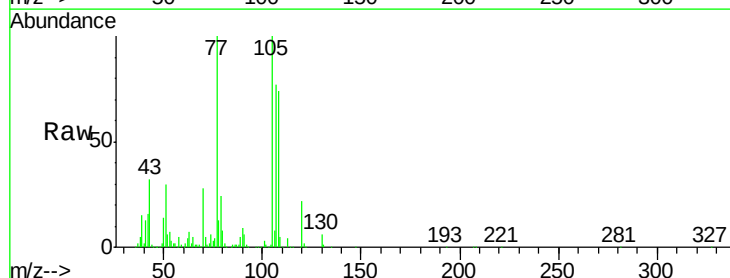


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

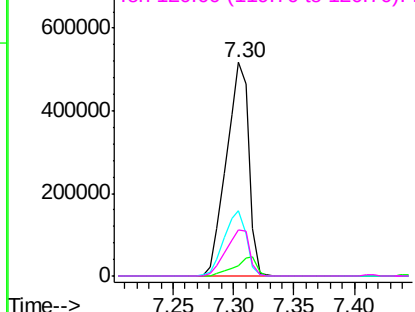
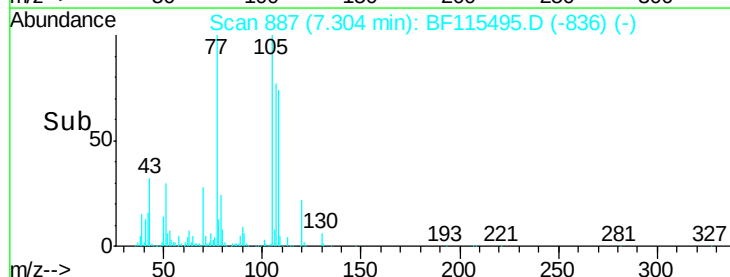


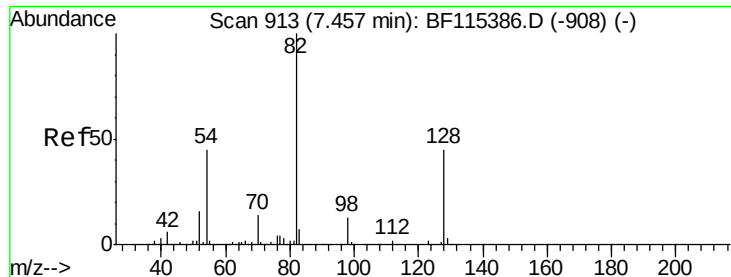
#22
Acetophenone
Concen: 28.710 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Tgt	Ion:105	Resp:	666983
Ion	Ratio	Lower	Upper
105	100		
71	4.7	3.5	5.3
51	30.4	22.6	33.8
120	21.8	17.9	26.9



Abundance Ion 105.00 (104.70 to 105.70): E
800000
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



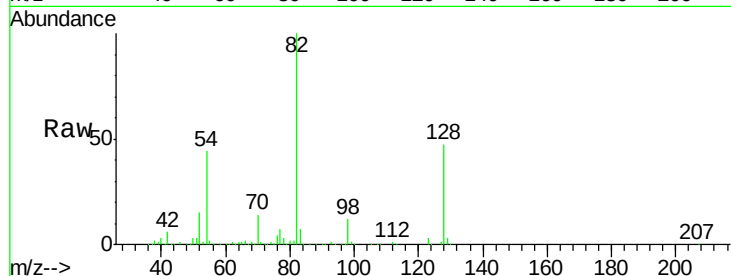


#23
 Nitrobenzene-d5
 Concen: 93.640 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF115495.D
 Acq: 11 Jul 2019 12:21

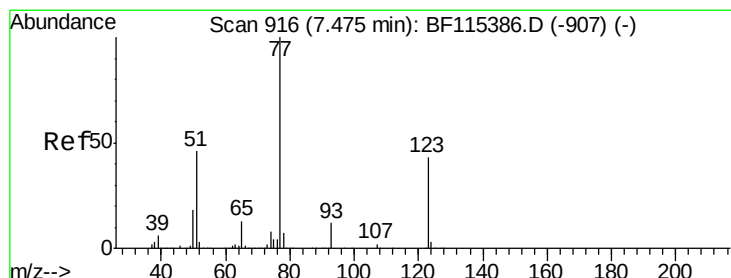
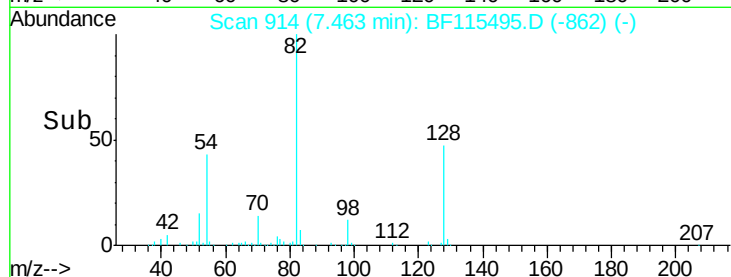
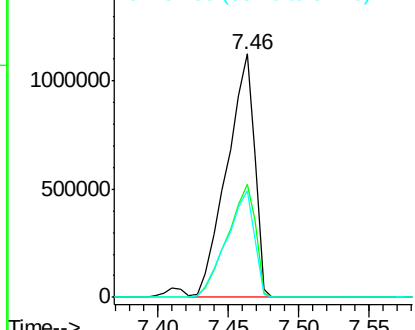
Instrument :
 BNA_F
 ClientSampleId :
 PB121170BS

Tot Ion: 82 Resp: 1536573

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.7	55.1
54	43.7	35.6	53.4



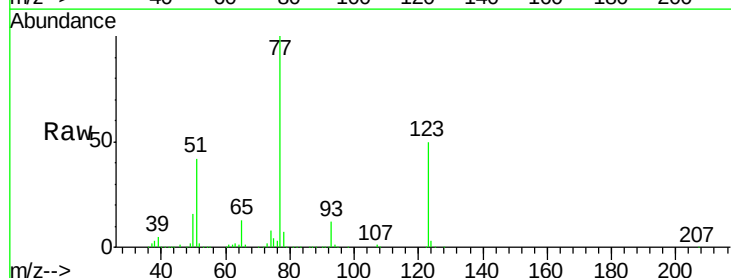
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



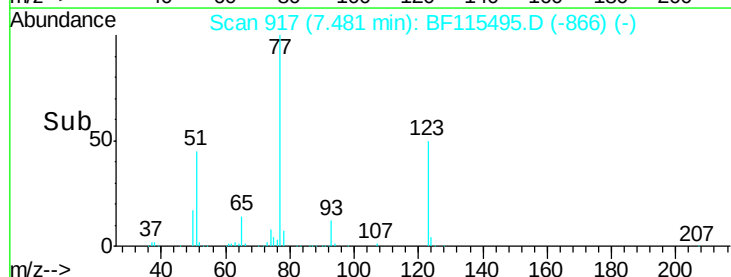
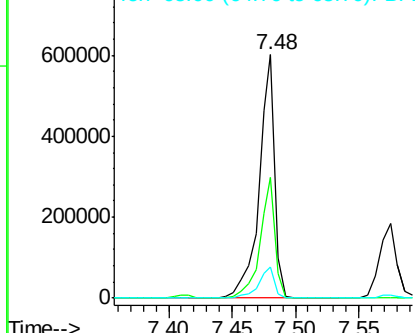
#24
 Nitrobenzene
 Concen: 27.944 ng
 RT: 7.48 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: BF115495.D
 Acq: 11 Jul 2019 12:21

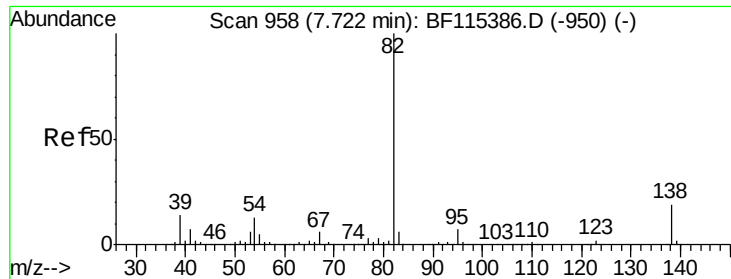
Tgt Ion: 77 Resp: 517854

Ion	Ratio	Lower	Upper
77	100		
123	49.8	40.4	60.6
65	12.9	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: 26.784 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

PB121170BS

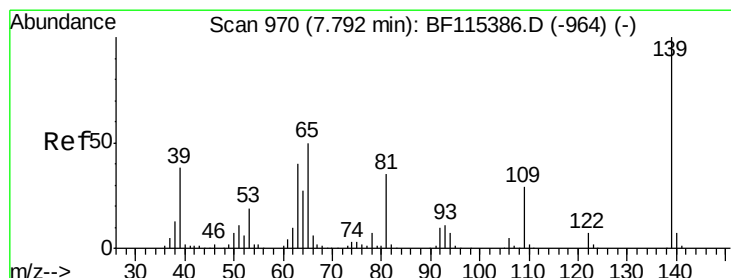
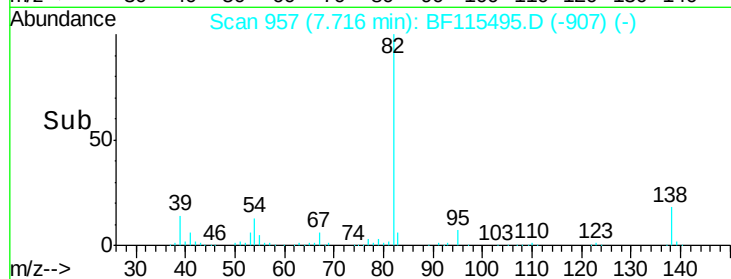
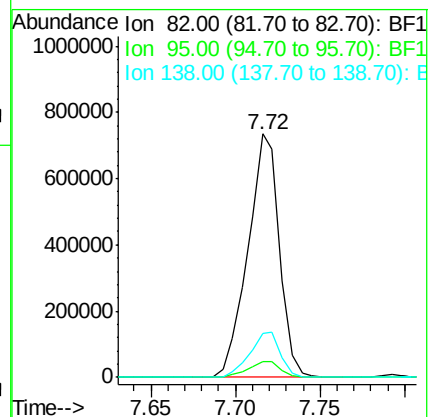
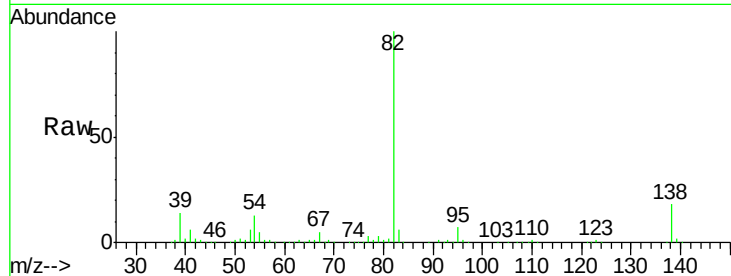
Tot Ion: 82 Resp: 952645

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 18.1 15.1 22.7



#26

2-Nitrophenol

Concen: 35.548 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

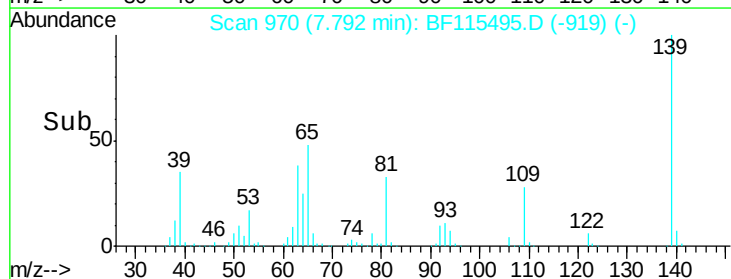
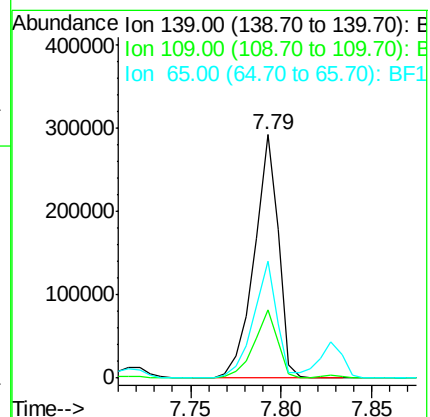
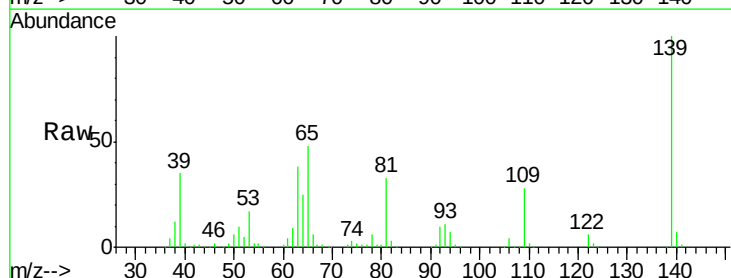
Tgt Ion: 139 Resp: 270841

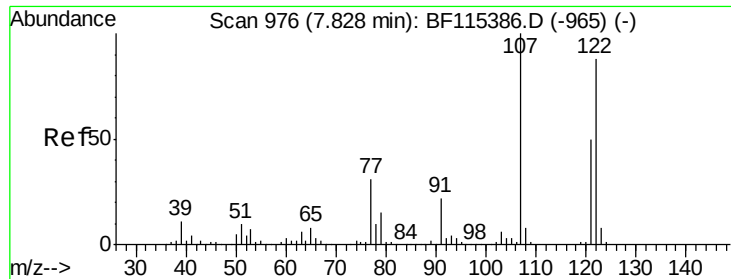
Ion Ratio Lower Upper

139 100

109 28.0 22.2 33.4

65 48.2 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 31.879 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

PB121170BS

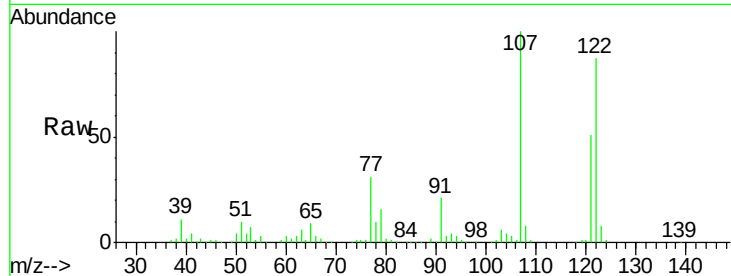
Tot Ion:122 Resp: 463135

Ion Ratio Lower Upper

122 100

107 114.7 91.7 137.5

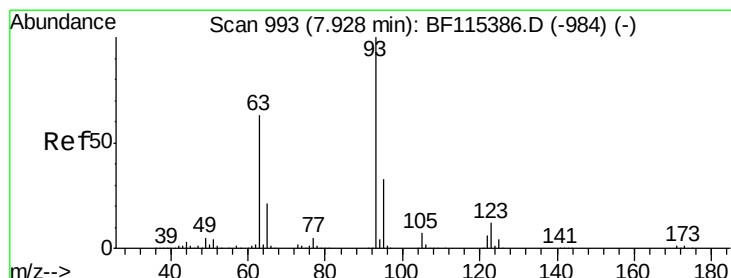
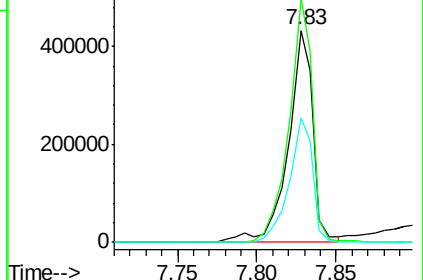
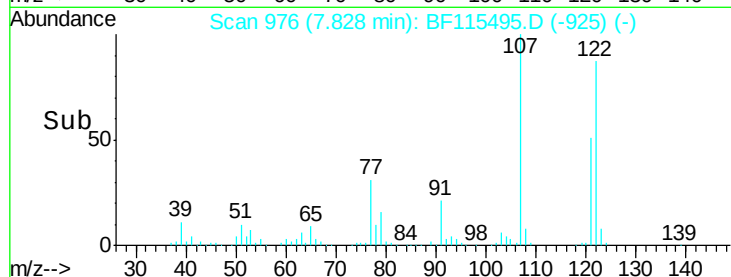
121 59.0 47.7 71.5



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: 26.534 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

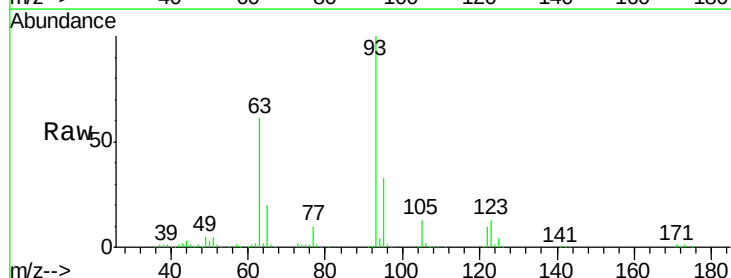
Tgt Ion: 93 Resp: 581950

Ion Ratio Lower Upper

93 100

95 33.1 26.6 39.8

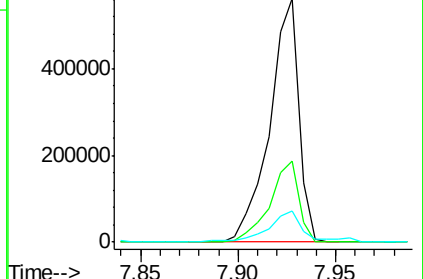
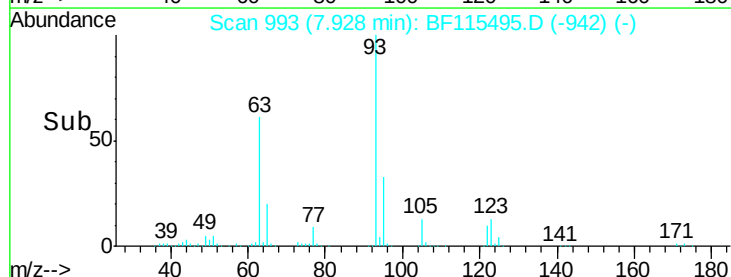
123 12.9 10.4 15.6

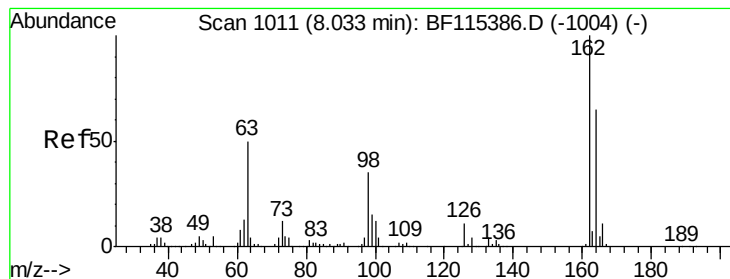


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 29.292 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

PB121170BS

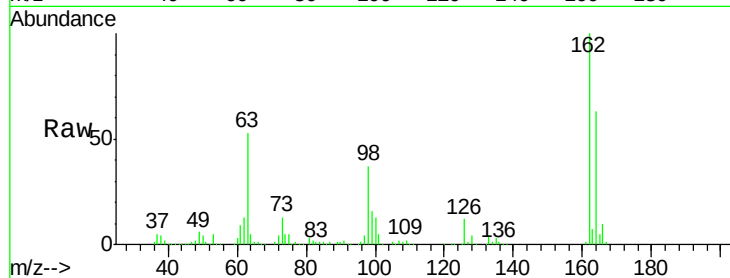
Tot Ion:162 Resp: 423852

Ion Ratio Lower Upper

162 100

164 63.3 45.2 85.2

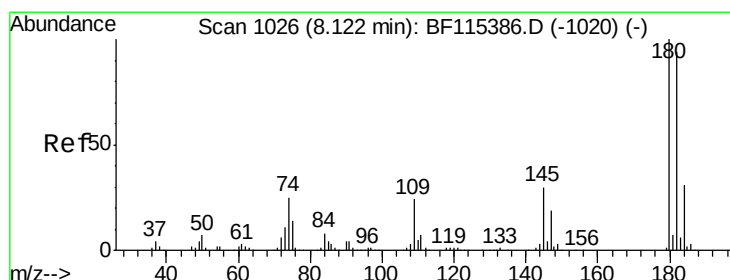
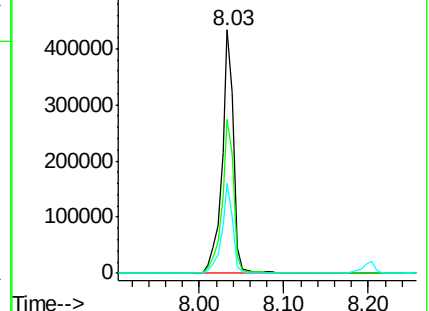
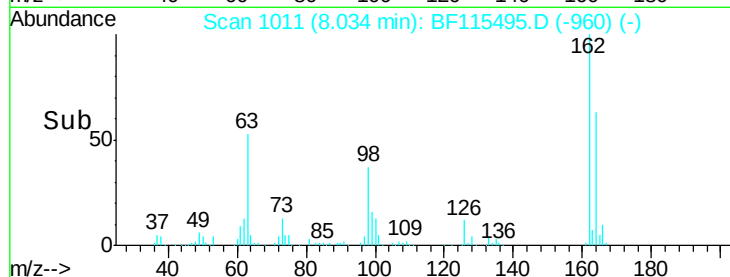
98 37.2 17.0 57.0



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: 28.708 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

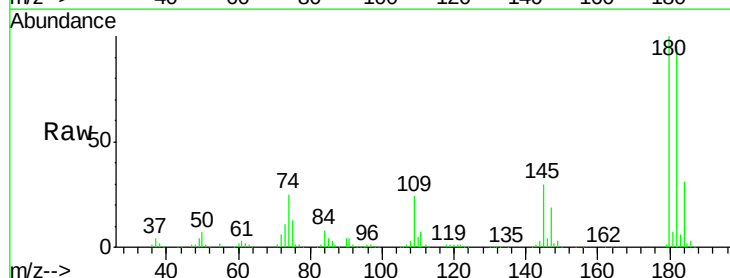
Tgt Ion:180 Resp: 462450

Ion Ratio Lower Upper

180 100

182 95.4 77.1 115.7

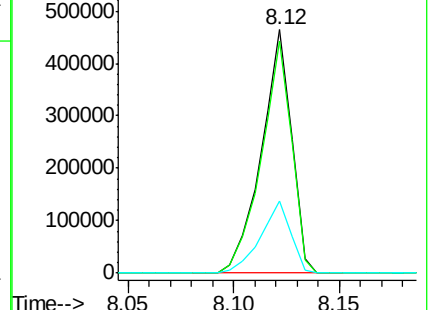
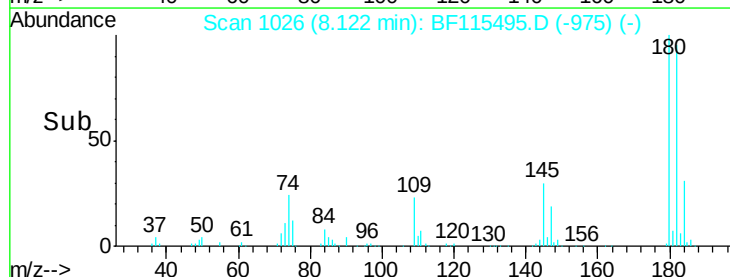
145 29.6 23.9 35.9

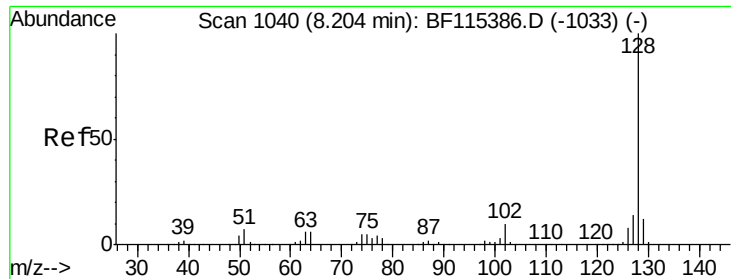


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 29.172 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

PB121170BS

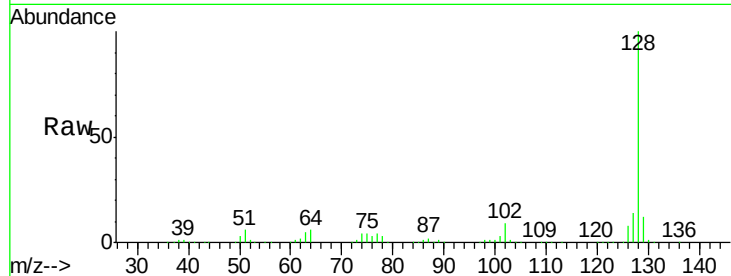
Tot Ion:128 Resp: 1404825

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

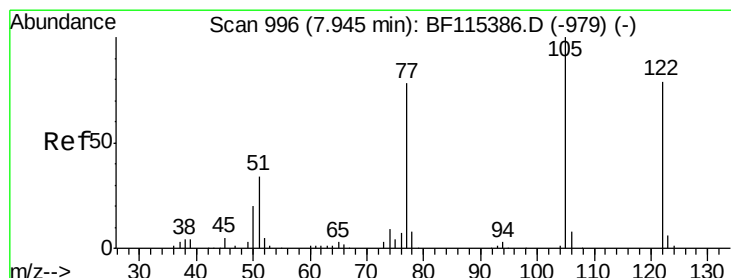
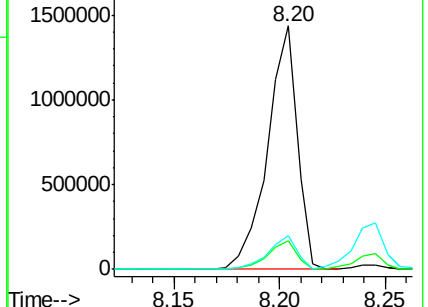
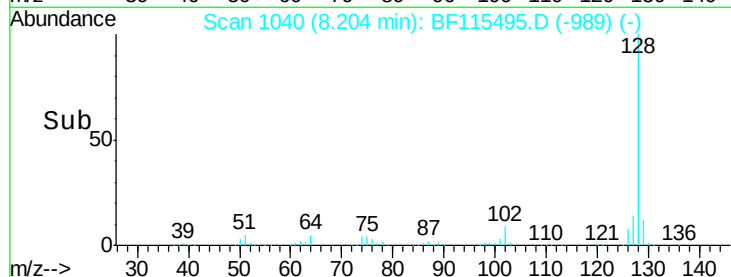
127 13.7 11.1 16.7



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: 32.693 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

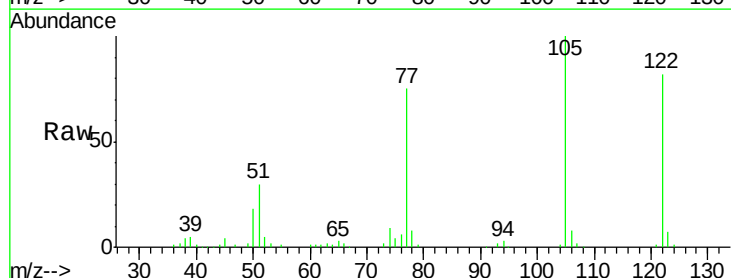
Tgt Ion:122 Resp: 322690

Ion Ratio Lower Upper

122 100

105 121.9 101.6 141.6

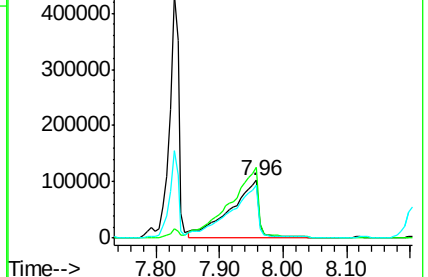
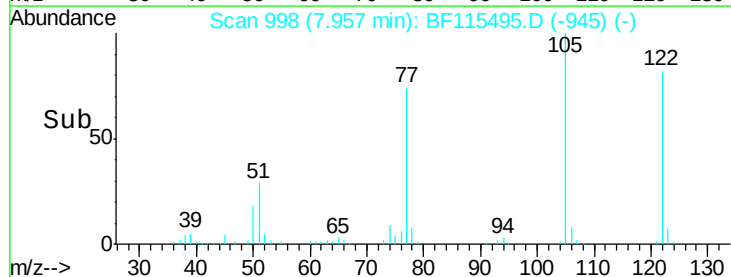
77 91.9 69.1 109.1

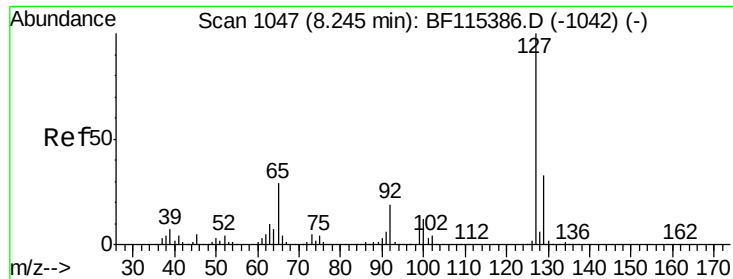


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

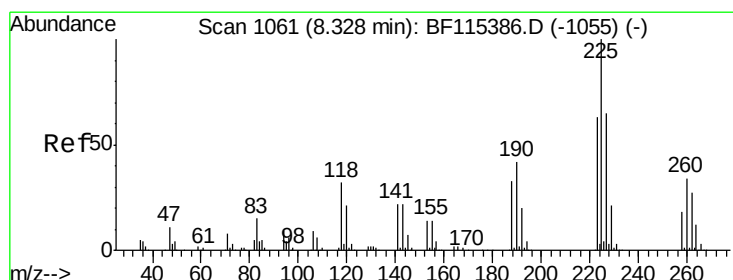
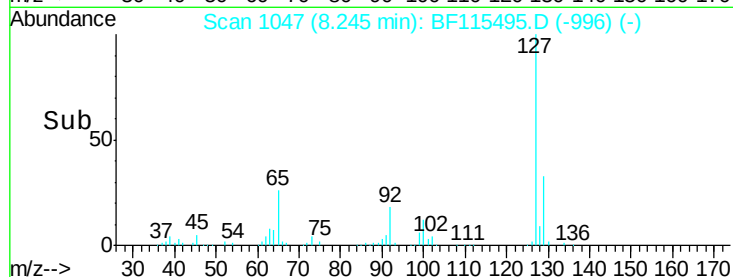
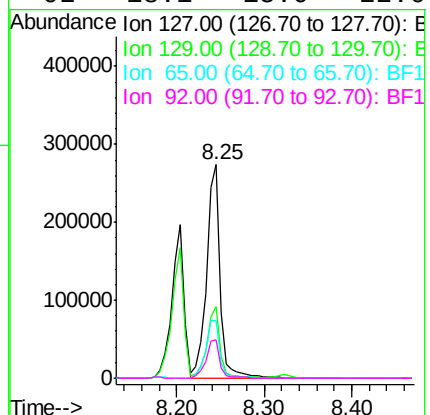
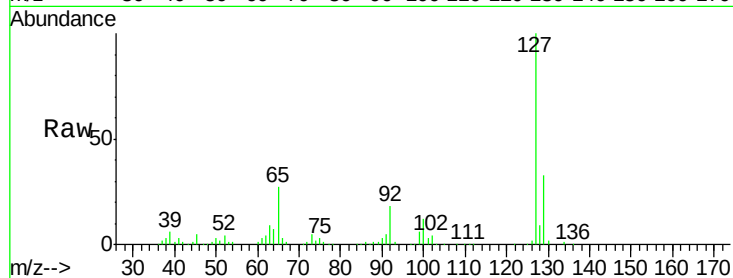




#33
4-Chloroaniline
Concen: 13.789 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

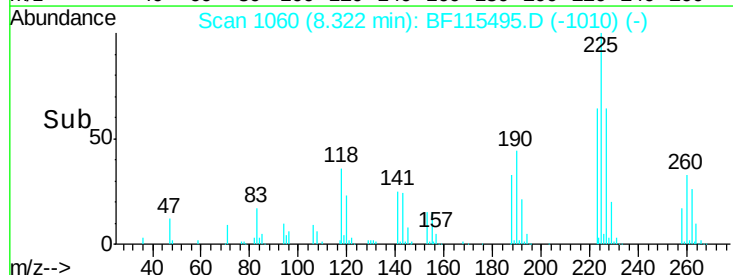
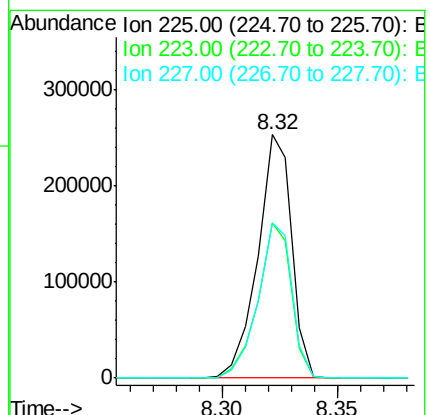
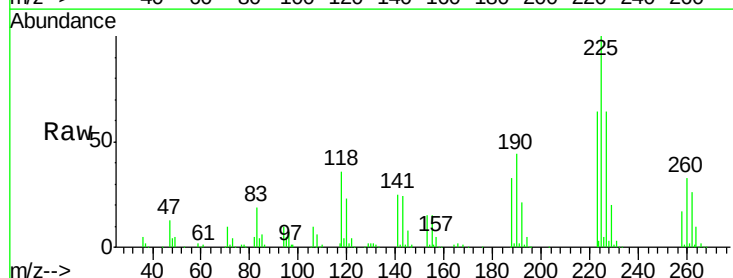
Instrument :
BNA_F
ClientSampleId :
PB121170BS

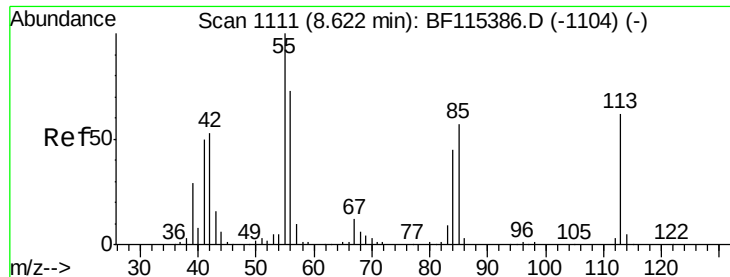
Tot Ion:	127	Resp:	296277
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.1	39.1
65	26.9	23.2	34.8
92	18.1	15.0	22.6



#34
Hexachlorobutadiene
Concen: 28.263 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Tgt Ion:	225	Resp:	258196
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	63.7	51.4	77.2

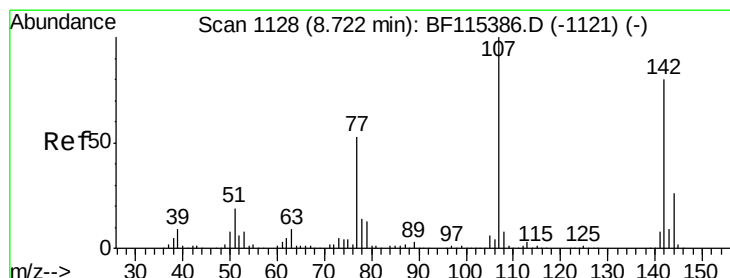
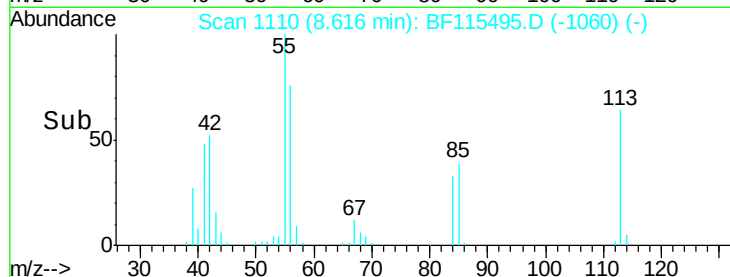
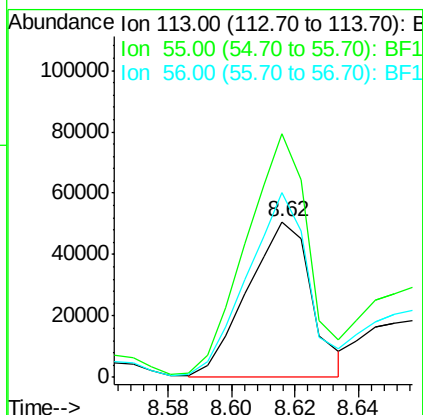
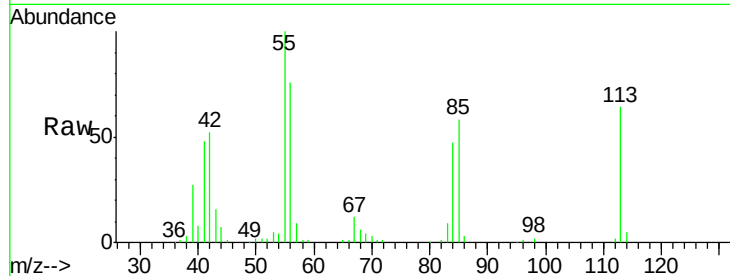




#35
Caprolactam
Concen: 15.114 ng
RT: 8.62 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

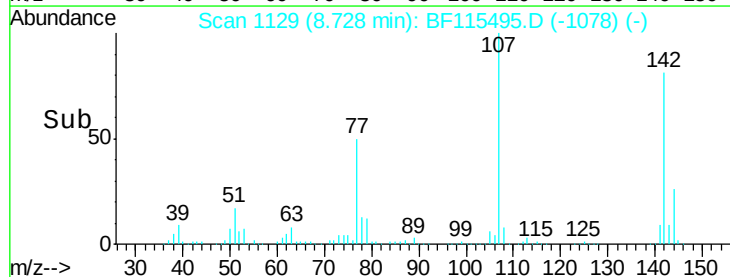
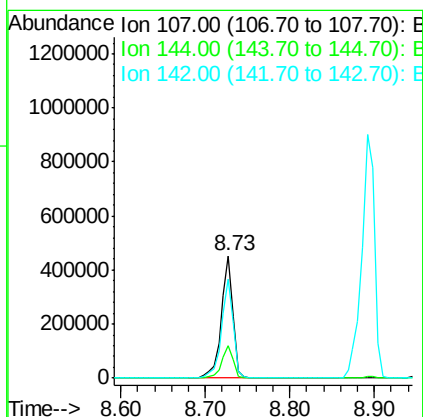
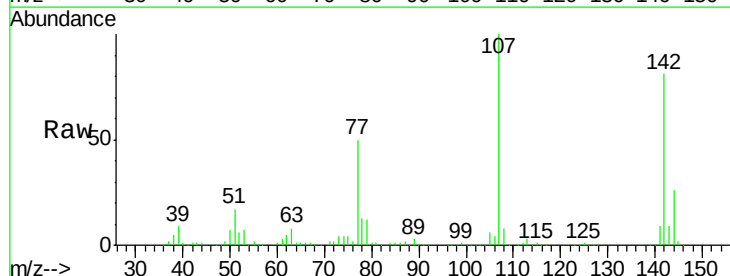
Instrument :
BNA_F
ClientSampleId :
PB121170BS

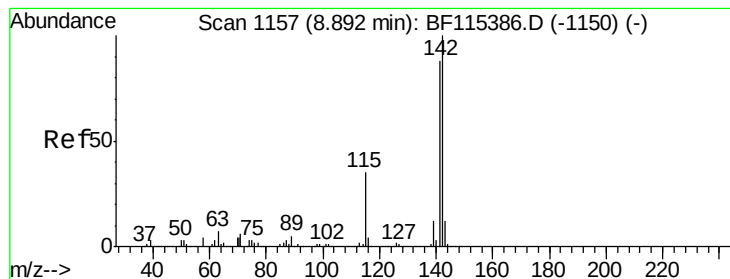
Tot Ion:113 Resp: 71229
Ion Ratio Lower Upper
113 100
55 156.6 138.1 178.1
56 118.8 95.7 135.7



#36
4-Chloro-3-methylphenol
Concen: 28.813 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Tgt Ion:107 Resp: 441001
Ion Ratio Lower Upper
107 100
144 26.1 21.5 32.3
142 81.1 66.2 99.2





#37

2-Methylnaphthalene

Concen: 29.138 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

PB121170BS

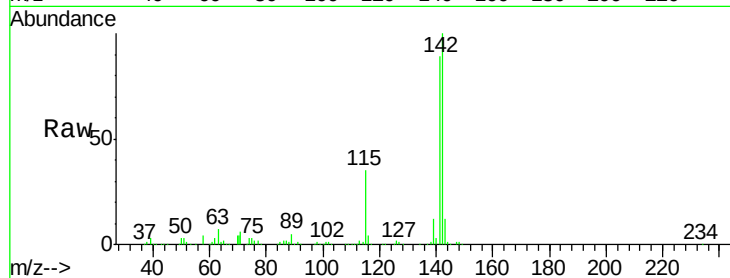
Tot Ion:142 Resp: 937877

Ion Ratio Lower Upper

142 100

141 88.8 72.1 108.1

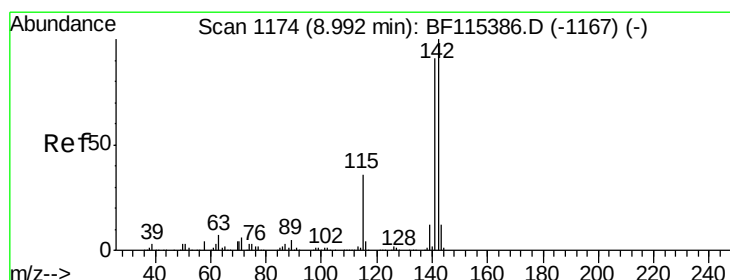
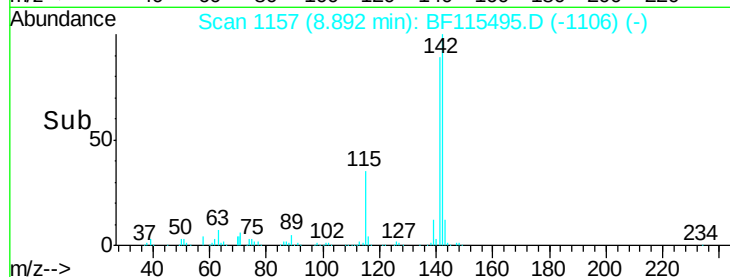
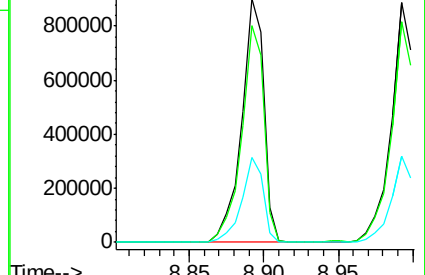
115 34.6 27.6 41.4



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: 28.790 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

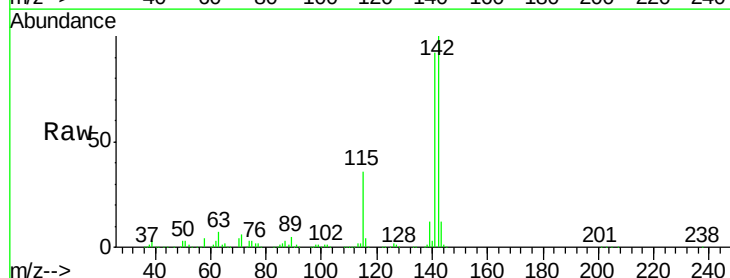
Tgt Ion:142 Resp: 884165

Ion Ratio Lower Upper

142 100

141 91.9 74.3 111.5

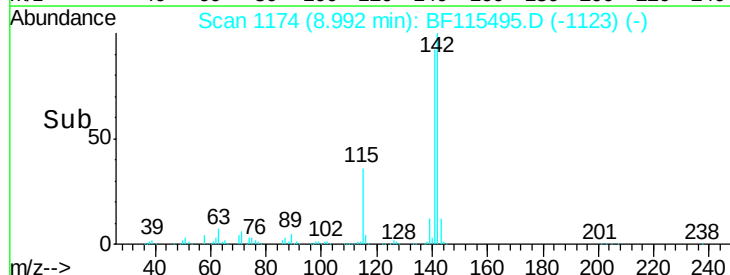
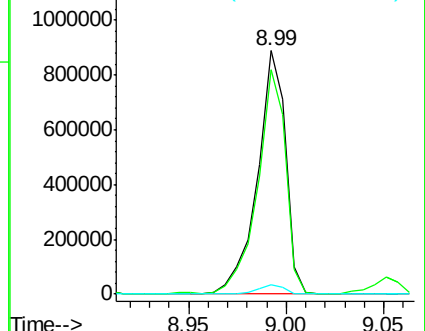
116 3.8 3.1 4.7

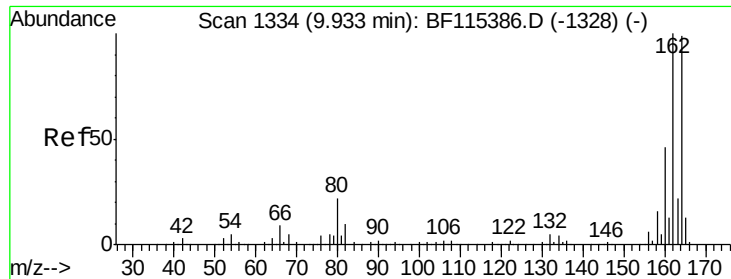


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

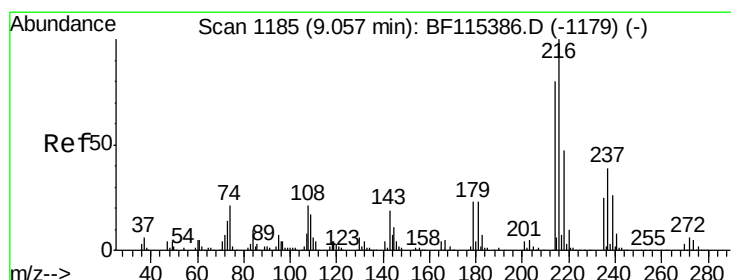
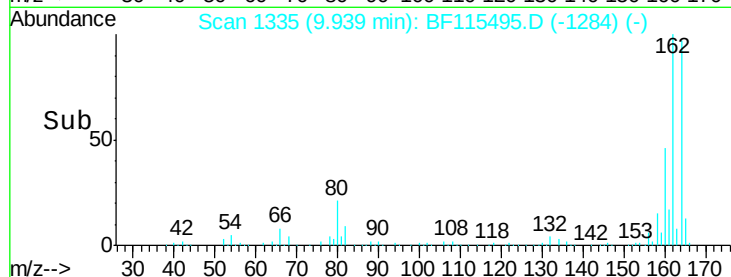
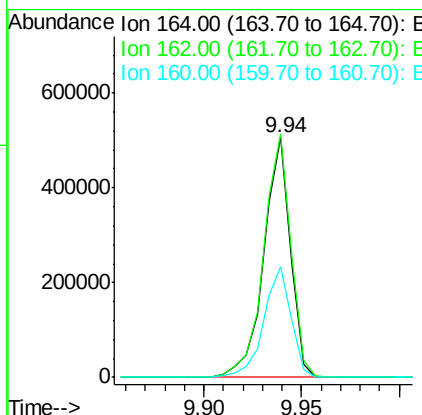
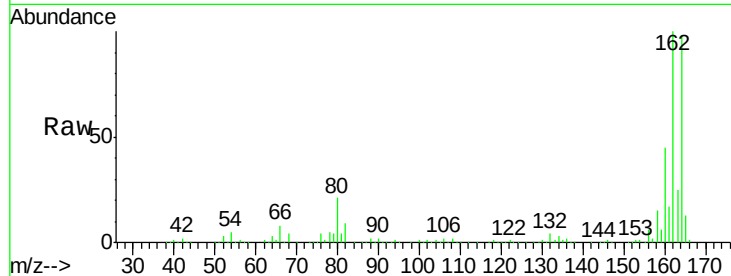




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

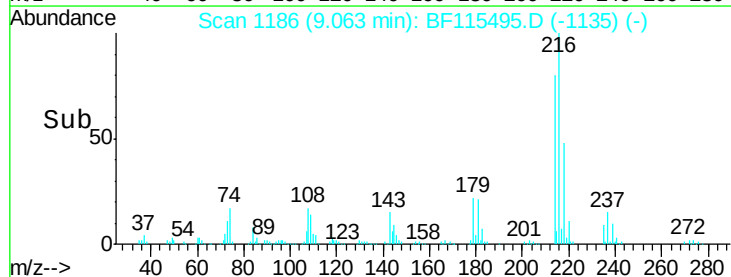
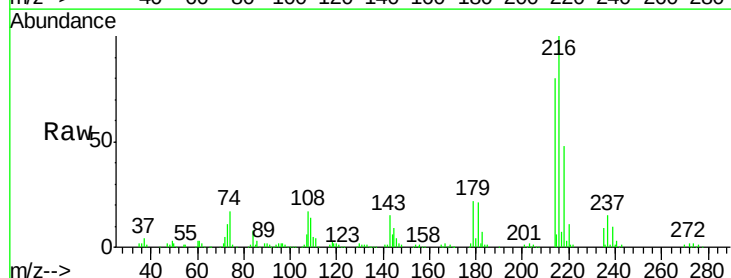
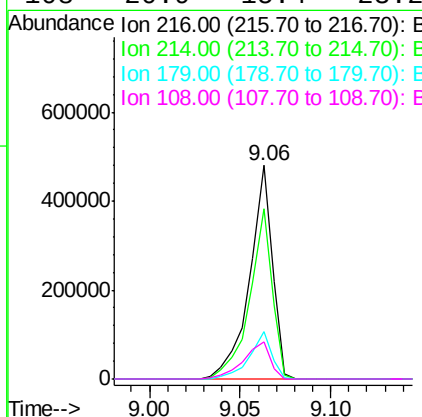
Instrument :
BNA_F
ClientSampleId :
PB121170BS

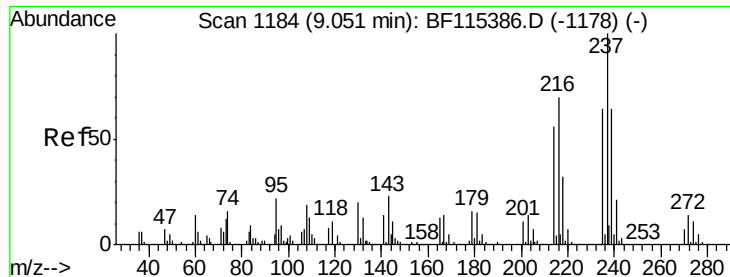
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.3	123.5
160	46.3	37.2	55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 30.815 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.6
179	21.5	17.4	26.0
108	20.9	15.4	23.2

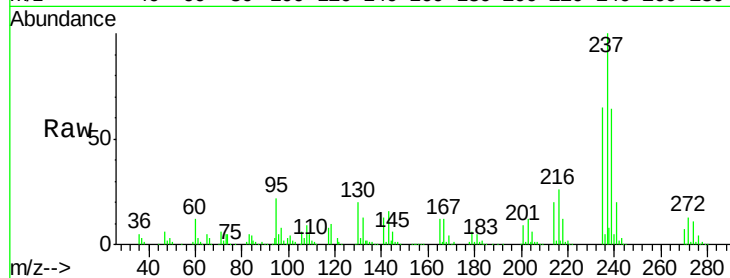




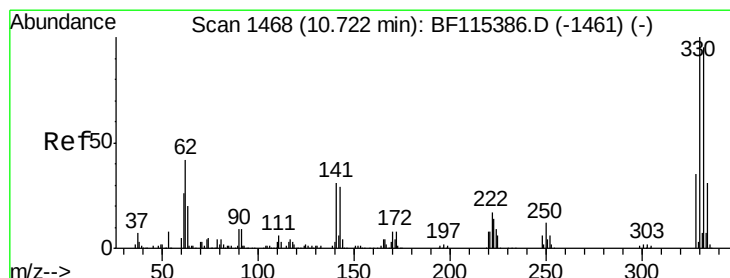
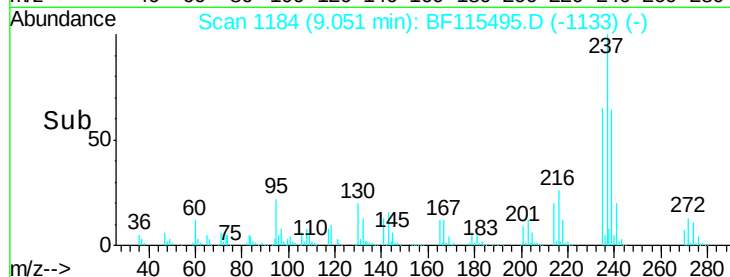
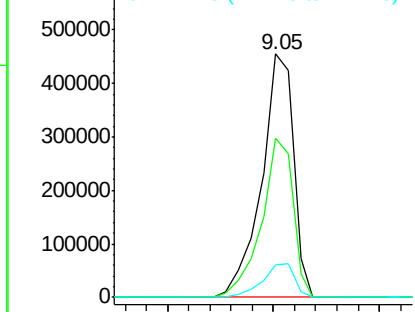
#41
Hexachlorocyclopentadiene
Concen: 60.560 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121170BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	65.1	43.4	83.4
272	13.3	0.0	33.6

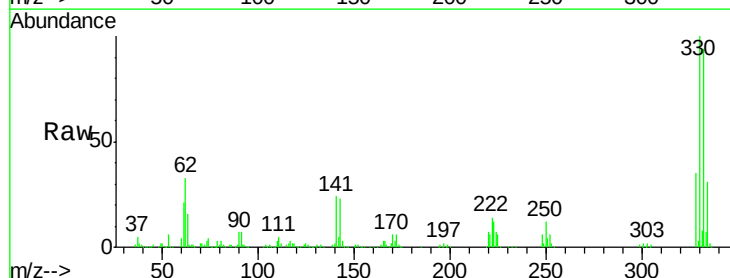


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

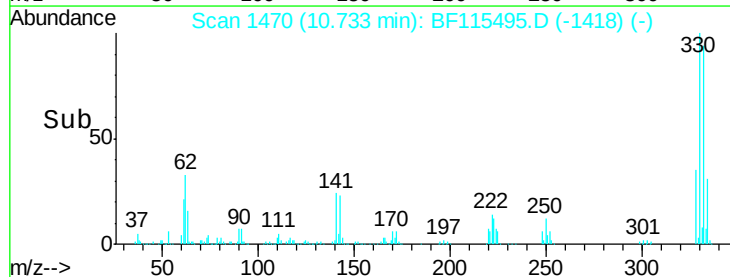
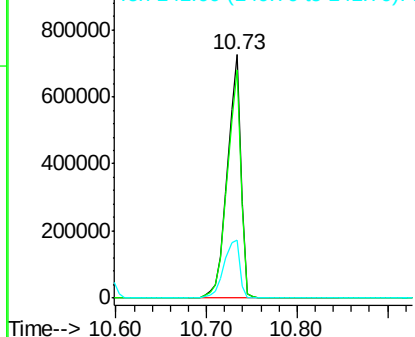


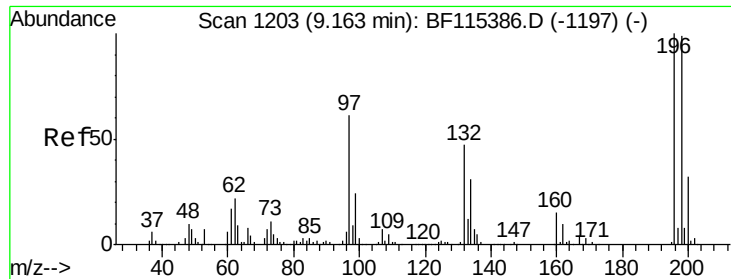
#42
2,4,6-Tribromophenol
Concen: 142.403 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.4	116.0
141	27.9	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

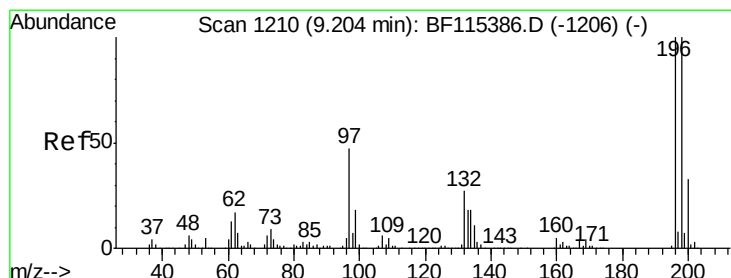
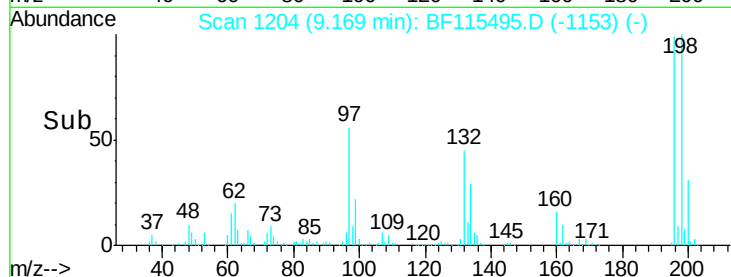
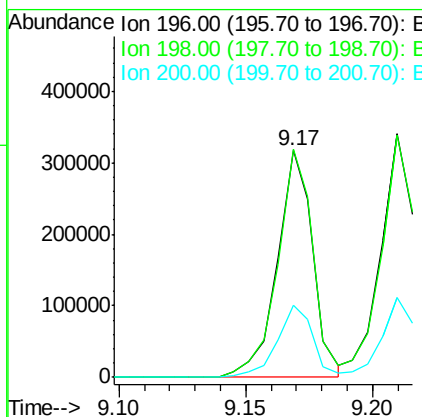
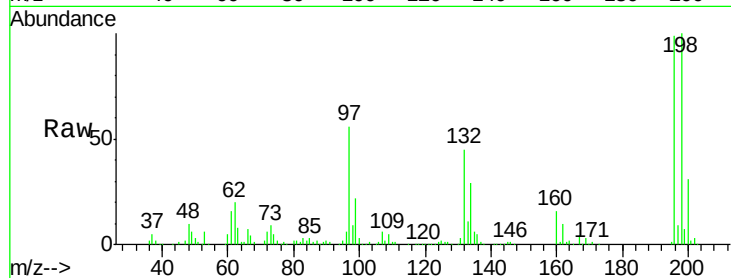




#43
 2,4,6-Trichlorophenol
 Concen: 31.349 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF115495.D
 Acq: 11 Jul 2019 12:21

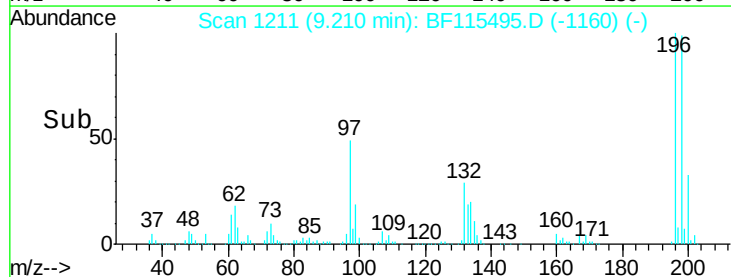
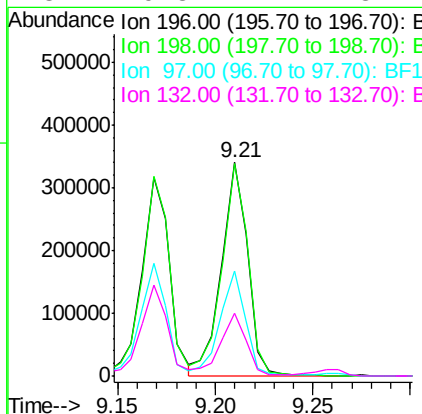
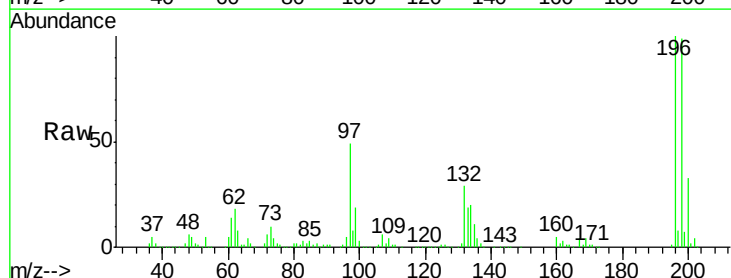
Instrument :
 BNA_F
 ClientSampleId :
 PB121170BS

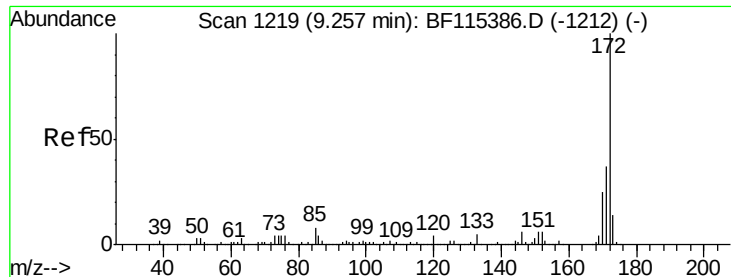
Tot Ion:196 Resp: 312196
 Ion Ratio Lower Upper
 196 100
 198 100.6 78.2 117.4
 200 31.7 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 30.716 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF115495.D
 Acq: 11 Jul 2019 12:21

Tgt Ion:196 Resp: 317192
 Ion Ratio Lower Upper
 196 100
 198 99.3 80.6 120.8
 97 49.1 34.0 51.0
 132 29.3 21.4 32.2

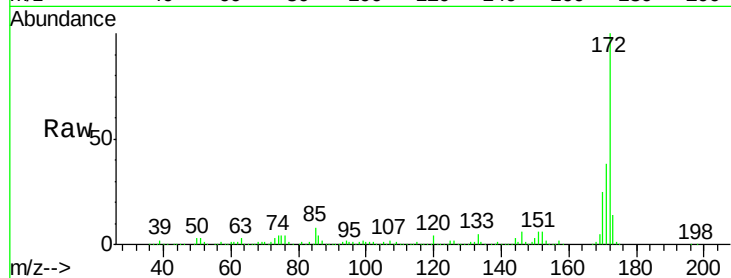




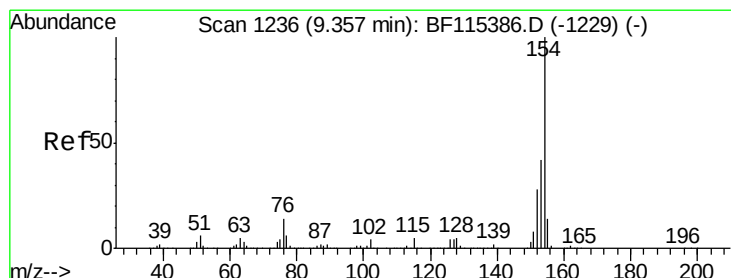
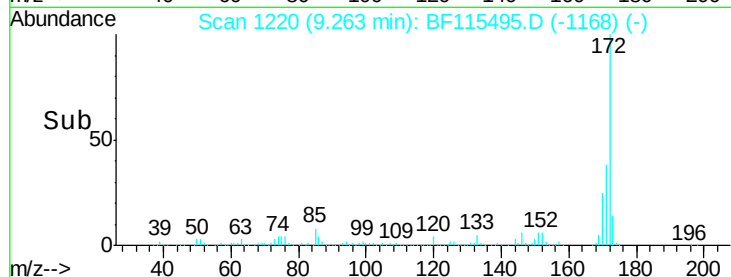
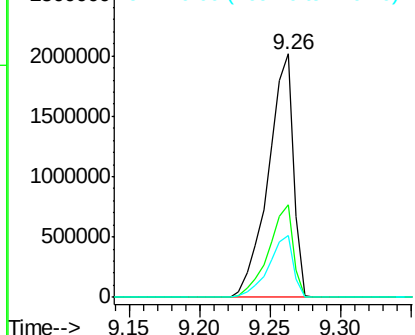
#45
 2-Fluorobiphenyl
 Concen: 93.421 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF115495.D
 Acq: 11 Jul 2019 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB121170BS

Tot Ion:172 Resp: 2531429
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.8 44.8
 170 25.3 20.0 30.0

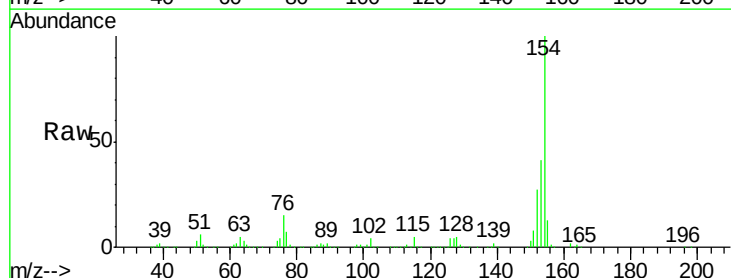


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

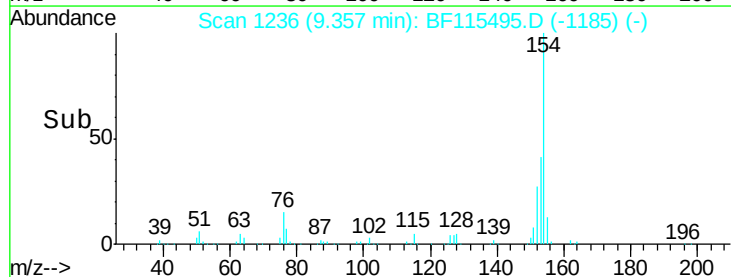
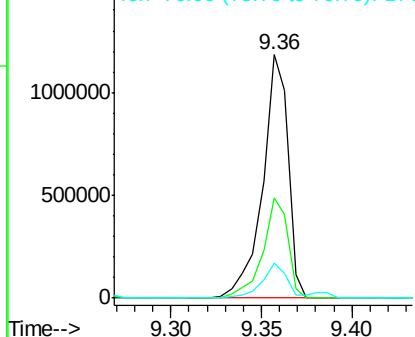


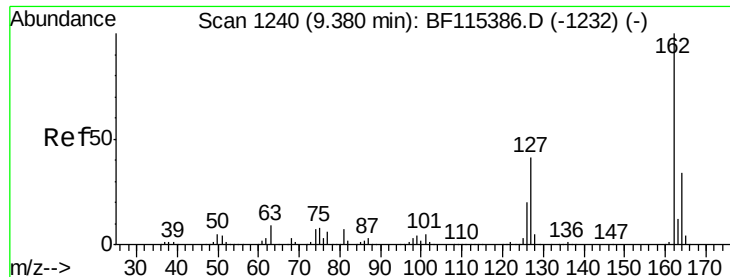
#46
 1,1'-Biphenyl
 Concen: 30.900 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF115495.D
 Acq: 11 Jul 2019 12:21

Tgt Ion:154 Resp: 1155052
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.5 61.5
 76 14.5 0.0 34.6



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

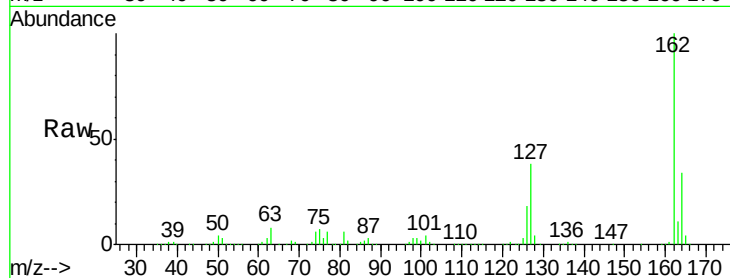




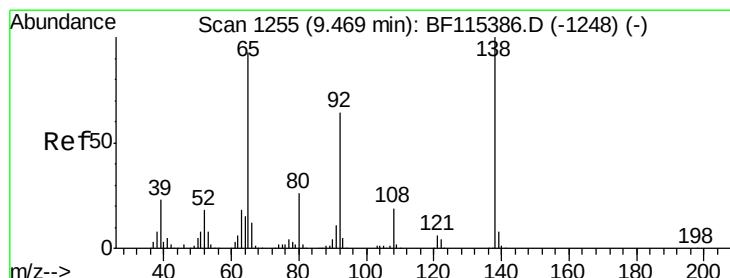
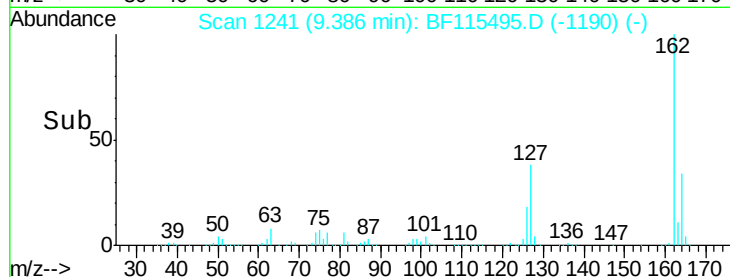
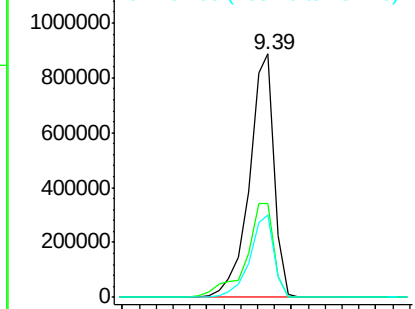
#47
 2-Chloronaphthalene
 Concen: 29.369 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF115495.D
 Acq: 11 Jul 2019 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB121170BS

Tot Ion:162 Resp: 907327
 Ion Ratio Lower Upper
 162 100
 127 38.5 31.4 47.0
 164 33.8 27.2 40.8

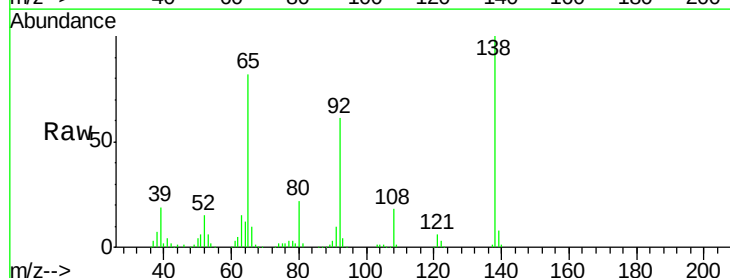


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

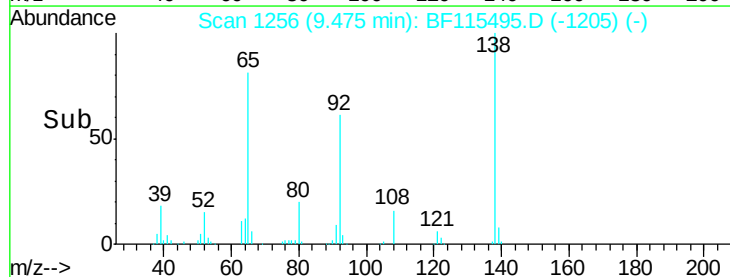
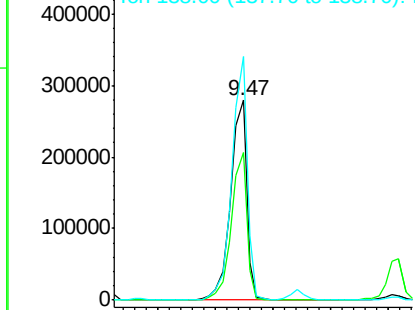


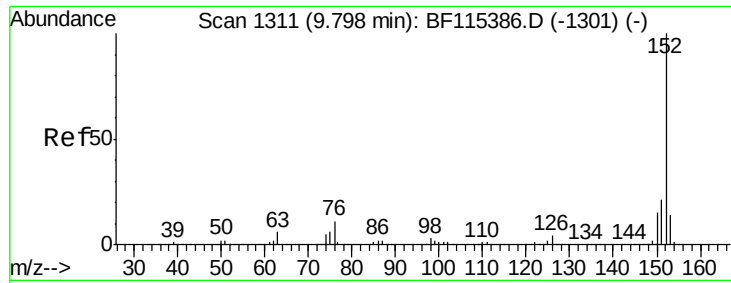
#48
 2-Nitroaniline
 Concen: 30.048 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: BF115495.D
 Acq: 11 Jul 2019 12:21

Tgt Ion: 65 Resp: 272739
 Ion Ratio Lower Upper
 65 100
 92 74.0 59.0 88.4
 138 121.9 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: 29.450 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

PB121170BS

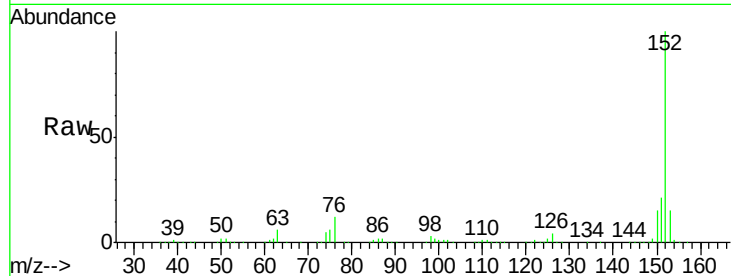
Tot Ion:152 Resp: 1377535

Ion Ratio Lower Upper

152 100

151 20.9 17.1 25.7

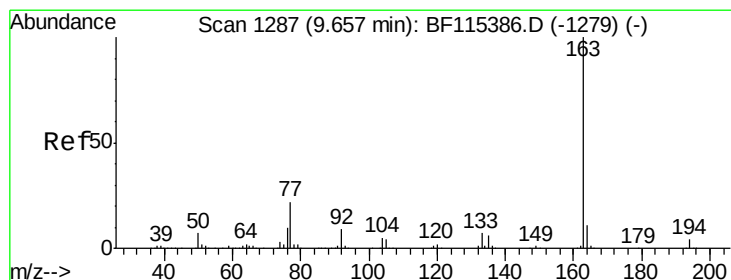
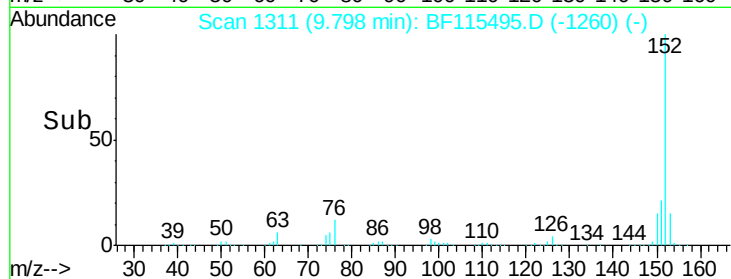
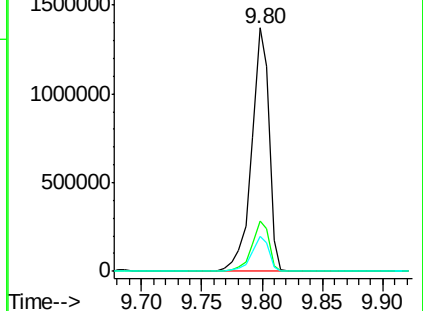
153 14.6 11.8 17.6



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: 29.300 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

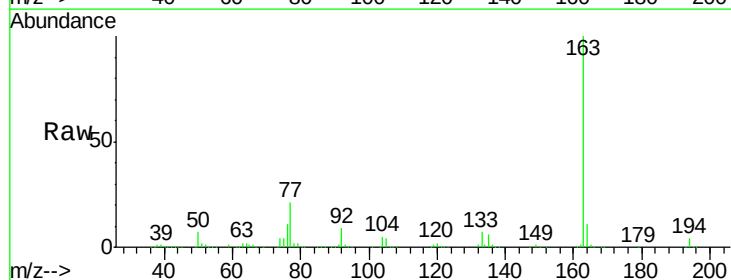
Tgt Ion:163 Resp: 1045666

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

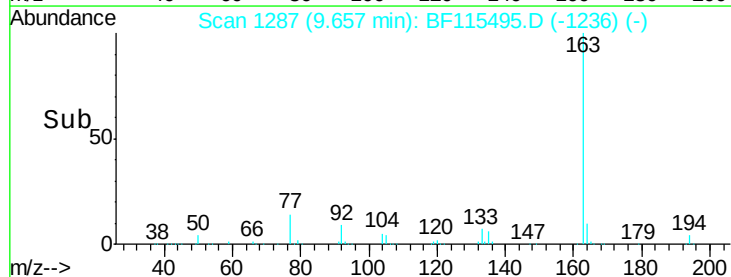
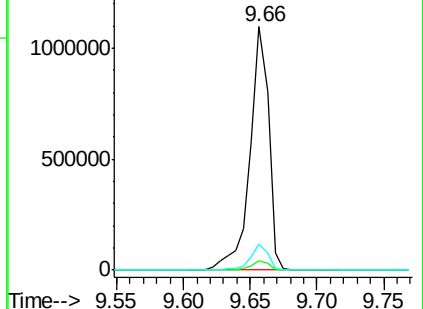
164 10.6 8.6 13.0

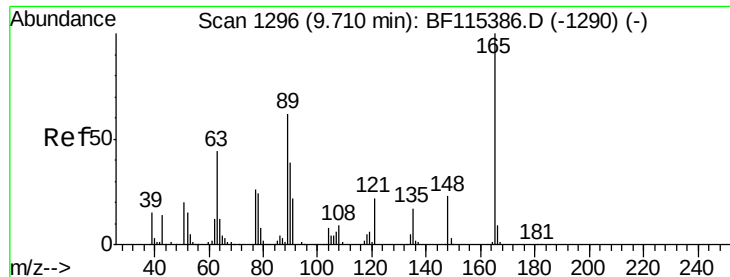


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

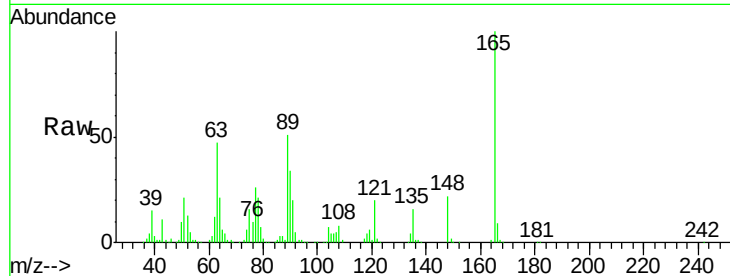




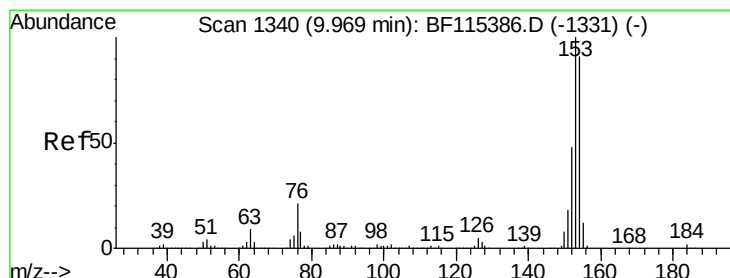
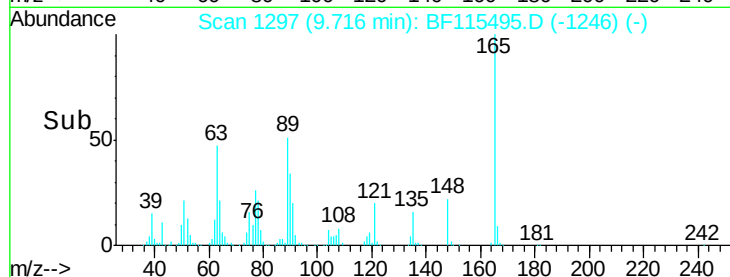
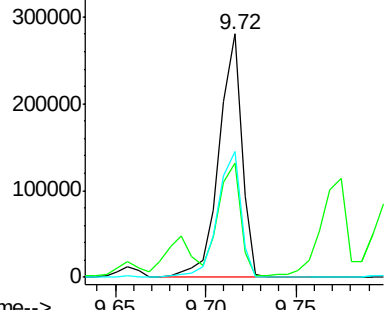
#51
2,6-Dinitrotoluene
Concen: 31.773 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121170BS

Tot Ion:165 Resp: 245922
Ion Ratio Lower Upper
165 100
63 46.8 39.7 59.5
89 51.4 42.8 64.2

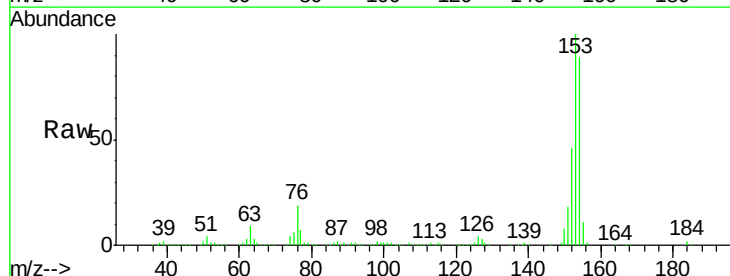


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

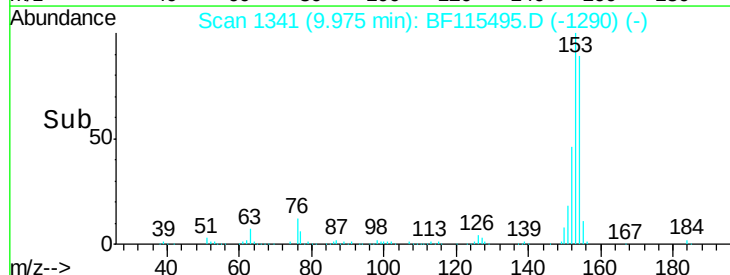
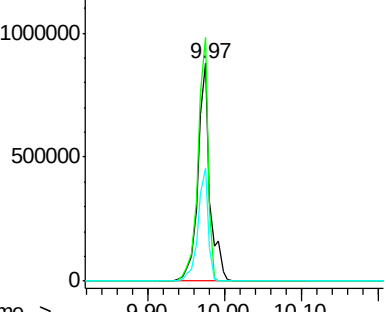


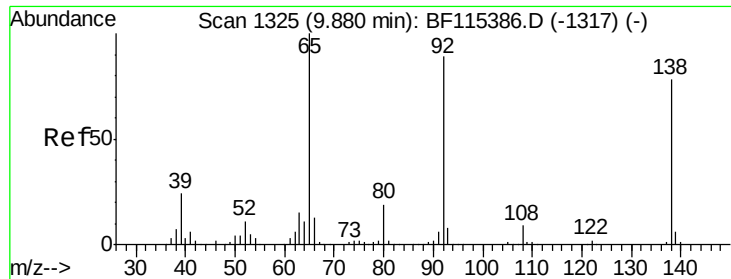
#52
Acenaphthene
Concen: 32.405 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Tgt Ion:154 Resp: 953924
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.8
152 52.0 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

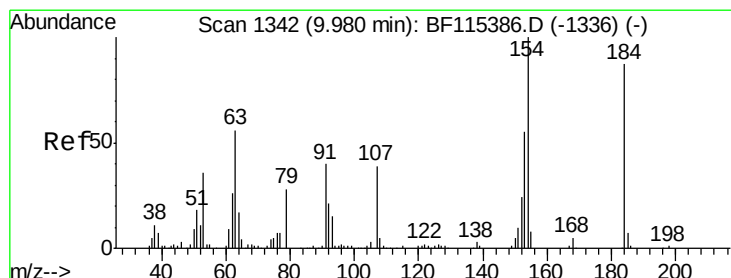
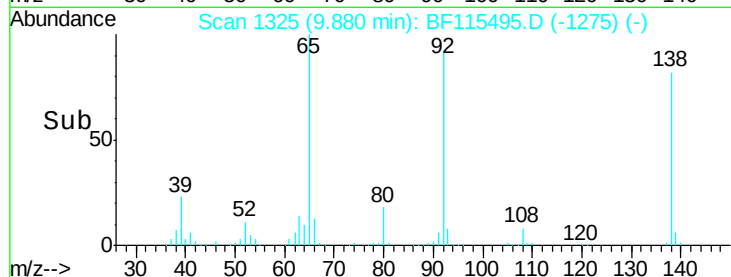
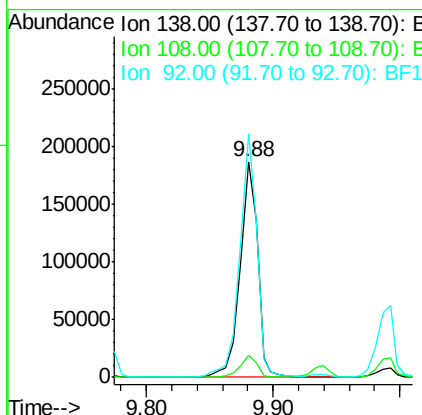
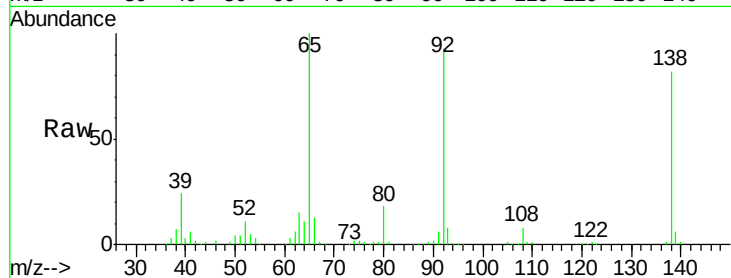




#53
3-Nitroaniline
Concen: 19.688 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

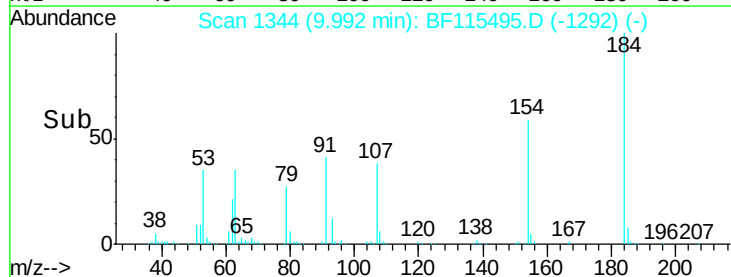
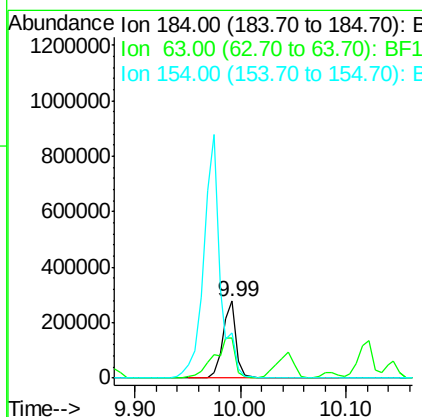
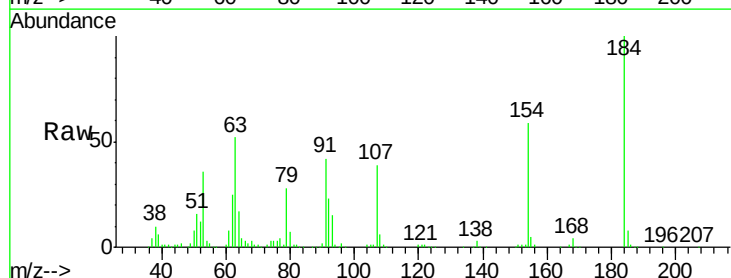
Instrument :
BNA_F
ClientSampleId :
PB121170BS

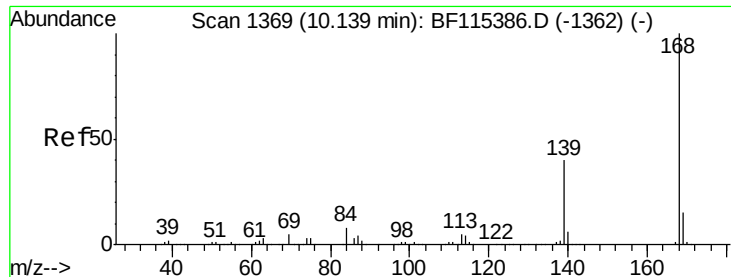
Tot Ion:138 Resp: 176986
Ion Ratio Lower Upper
138 100
108 10.1 8.5 12.7
92 112.8 86.1 129.1



#54
2,4-Dinitrophenol
Concen: 73.836 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Tgt Ion:184 Resp: 243722
Ion Ratio Lower Upper
184 100
63 52.1 45.8 68.6
154 59.0 52.8 79.2

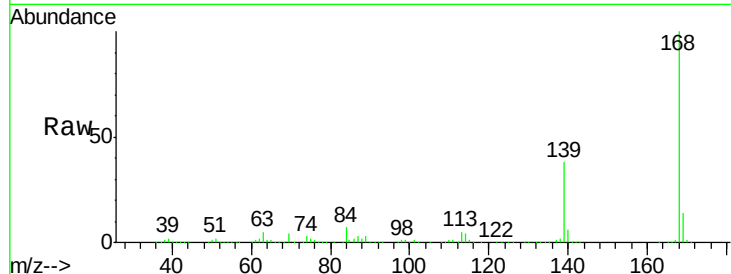




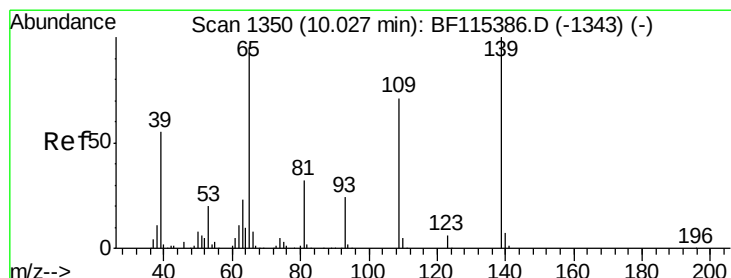
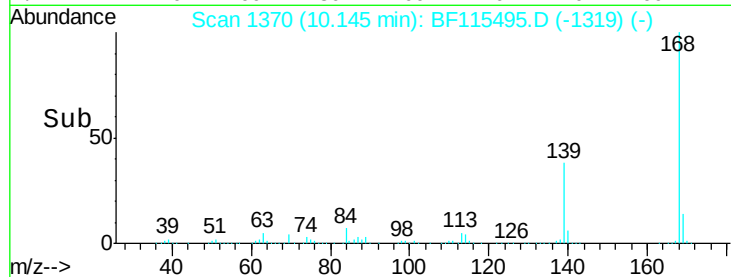
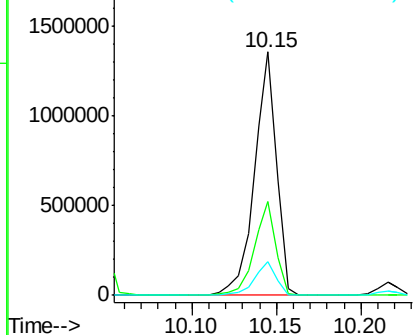
#55
Dibenzenofuran
Concen: 29.779 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121170BS

Tot Ion:168 Resp: 1234864
Ion Ratio Lower Upper
168 100
139 38.5 30.6 46.0
169 13.9 11.0 16.6

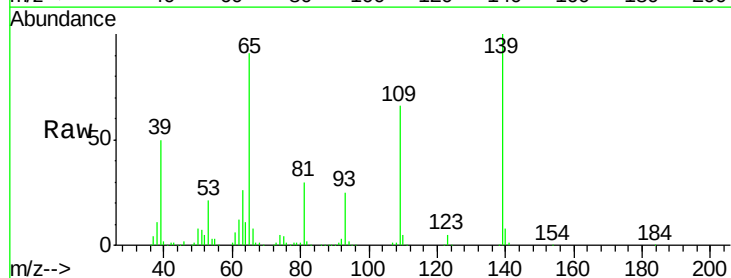


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

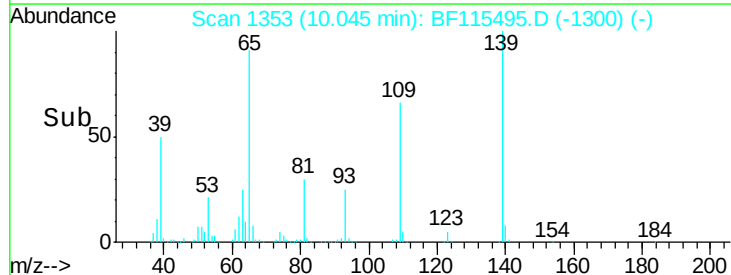
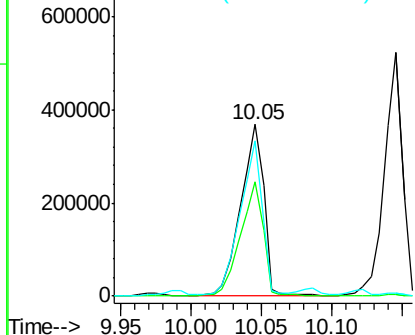


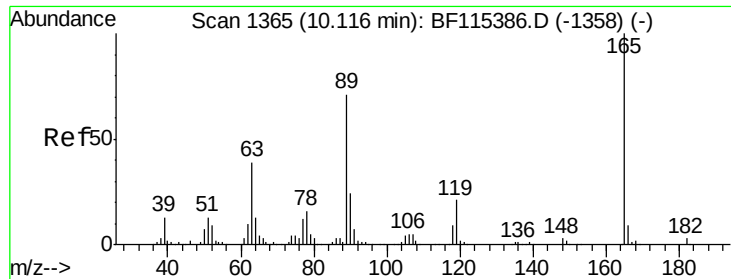
#56
4-Nitrophenol
Concen: 60.766 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Tgt Ion:139 Resp: 422638
Ion Ratio Lower Upper
139 100
109 66.4 46.4 86.4
65 90.7 73.4 113.4



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

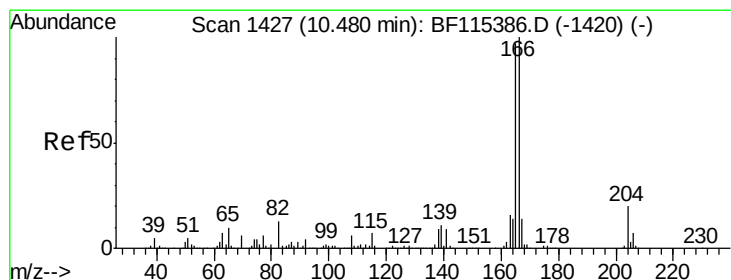
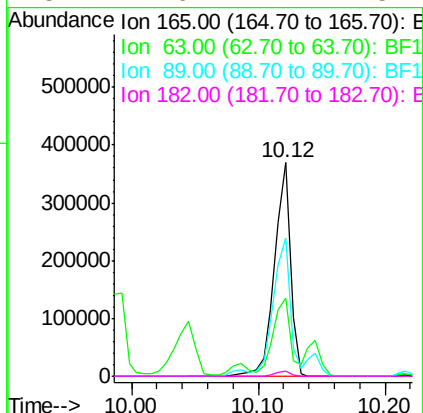
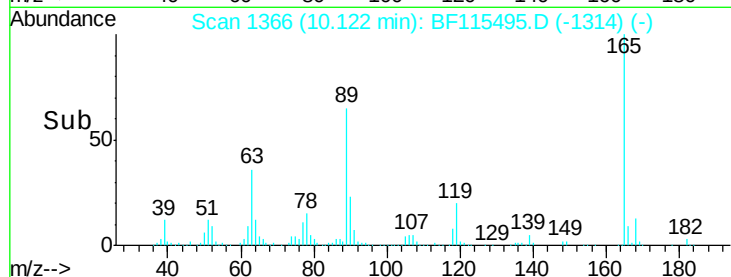
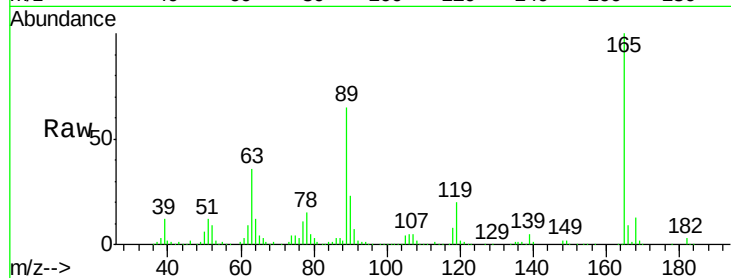




#57
2,4-Dinitrotoluene
Concen: 32.923 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

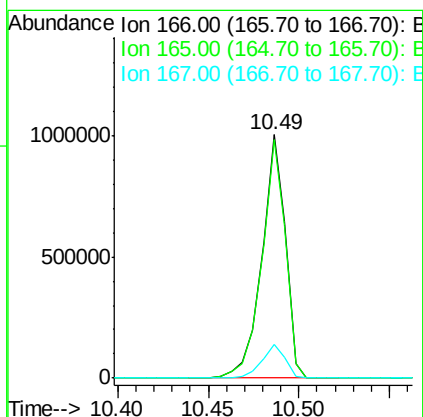
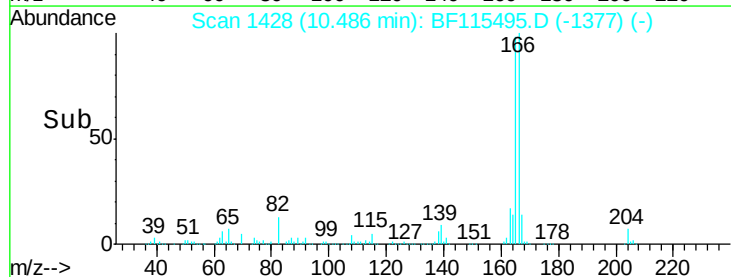
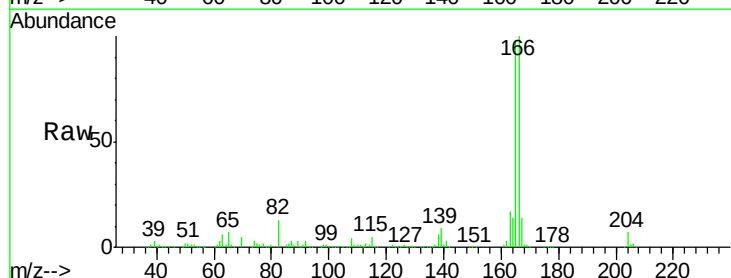
Instrument :
BNA_F
ClientSampleId :
PB121170BS

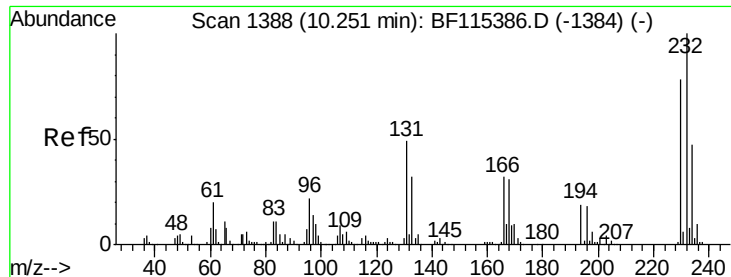
Tot Ion	Ratio	Lower	Upper
165	100		
63	36.5	33.0	49.4
89	65.0	58.5	87.7
182	2.6	2.1	3.1



#58
Fluorene
Concen: 27.829 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.7	118.1
167	13.9	10.8	16.2

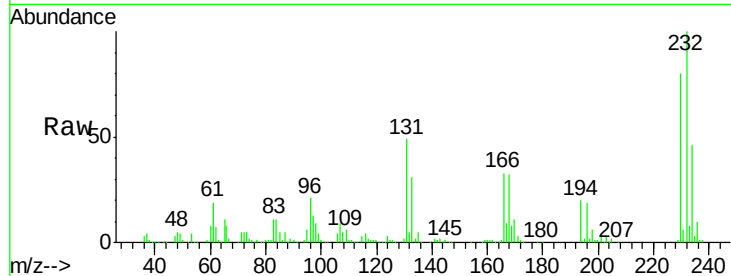




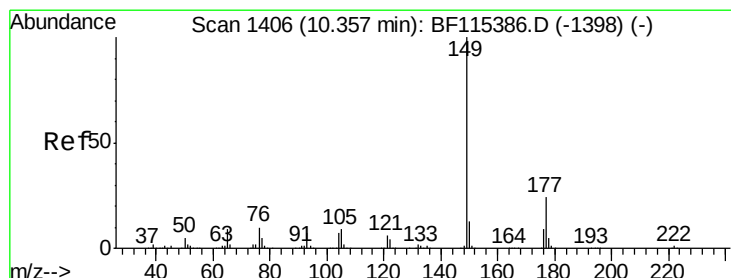
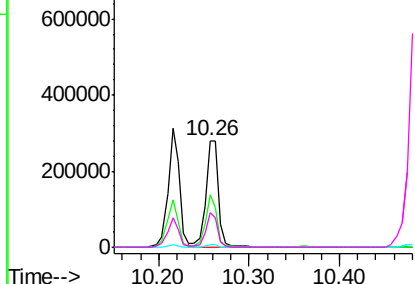
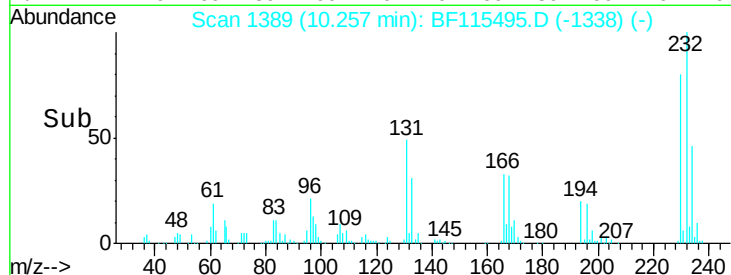
#59
2,3,4,6-Tetrachlorophenol
Concen: 31.008 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121170BS

Tot Ion:232 Resp: 276612
Ion Ratio Lower Upper
232 100
131 43.8 35.4 53.0
130 2.1 1.7 2.5
166 30.7 24.8 37.2

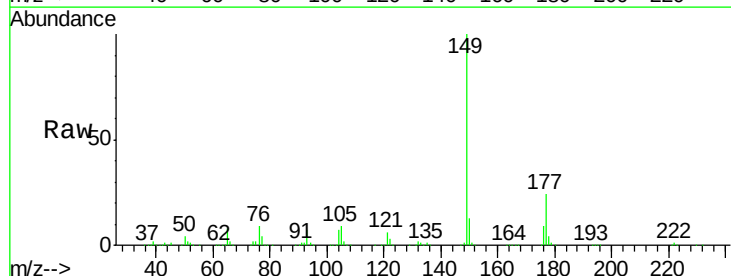


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

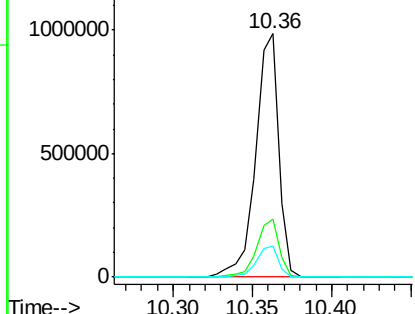
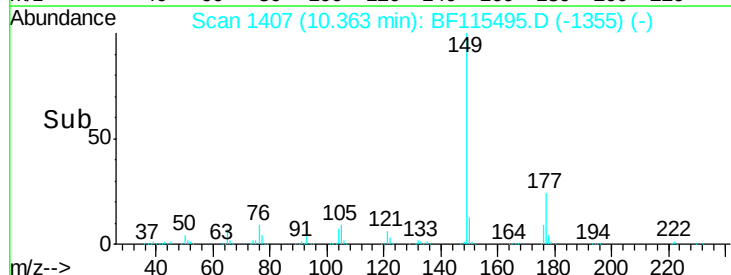


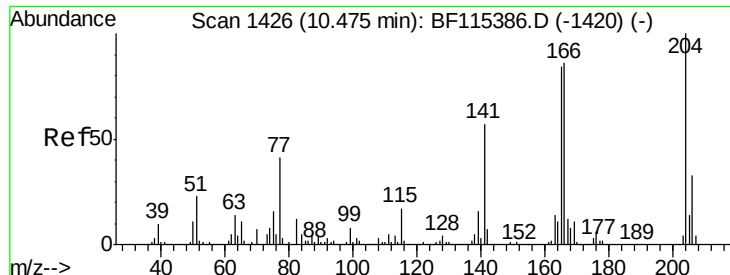
#60
Diethylphthalate
Concen: 28.479 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Tgt Ion:149 Resp: 1000420
Ion Ratio Lower Upper
149 100
177 23.8 19.0 28.4
150 12.7 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

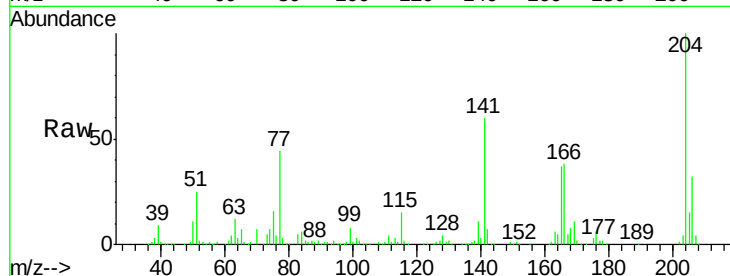




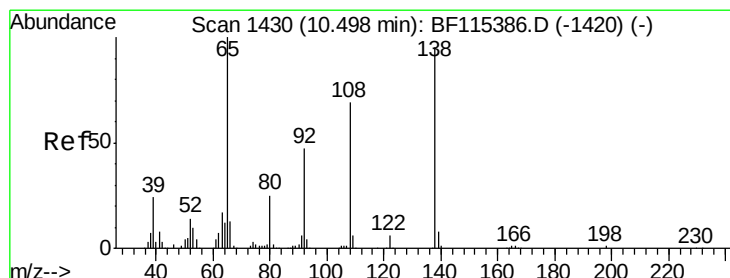
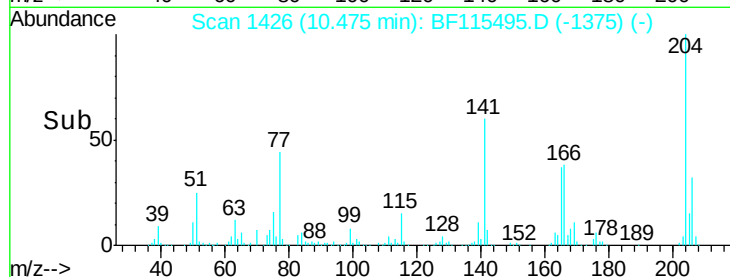
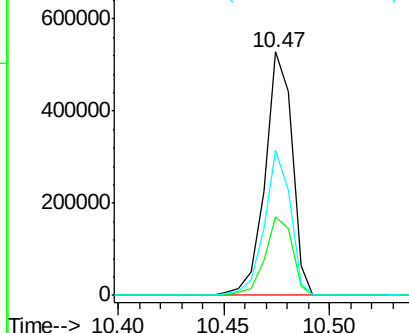
#61
4-Chlorophenyl-phenylether
Concen: 29.591 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :
PB121170BS

Tot Ion:204 Resp: 472126
Ion Ratio Lower Upper
204 100
206 32.4 26.8 40.2
141 59.7 47.9 71.9

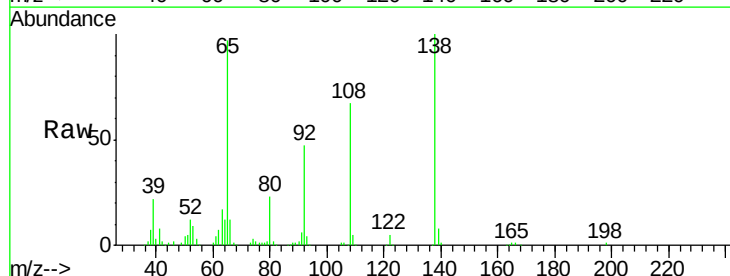


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

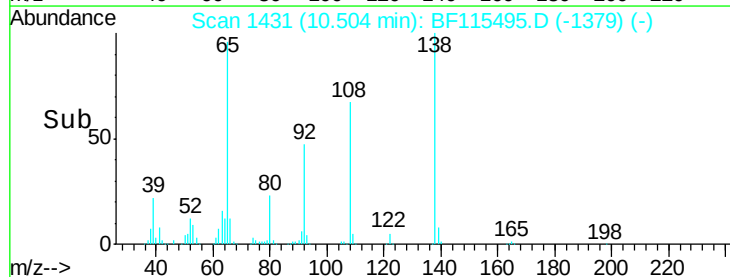
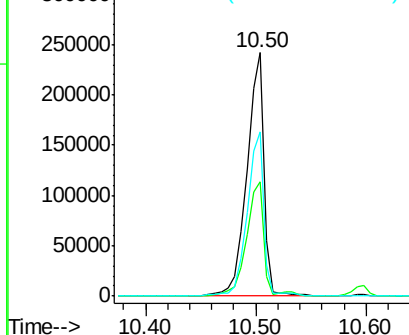


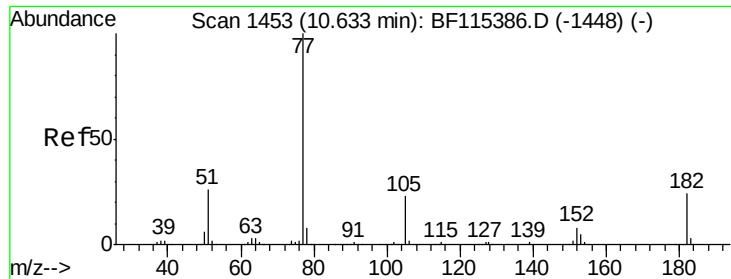
#62
4-Nitroaniline
Concen: 30.022 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Tgt Ion:138 Resp: 264912
Ion Ratio Lower Upper
138 100
92 47.2 29.9 69.9
108 67.4 49.0 89.0



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





#63

Azobenzene

Concen: 27.300 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

PB121170BS

Tot Ion: 77 Resp: 988550

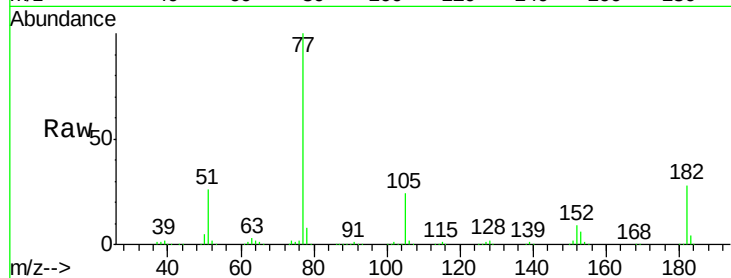
Ion Ratio Lower Upper

77 100

182 27.7 7.7 47.7

105 23.7 3.6 43.6

51 25.6 4.8 44.8

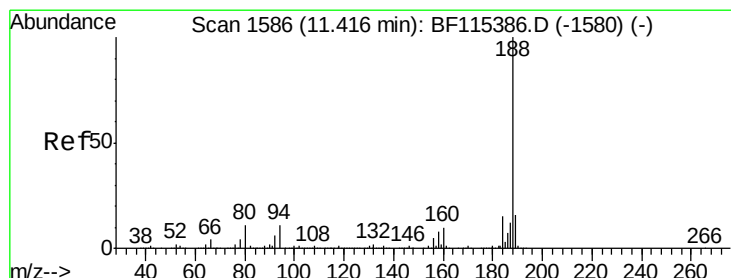
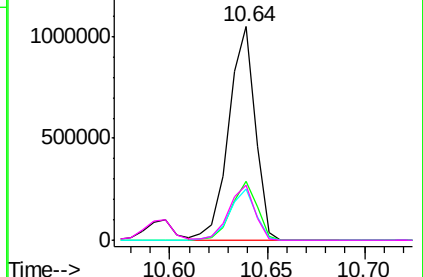
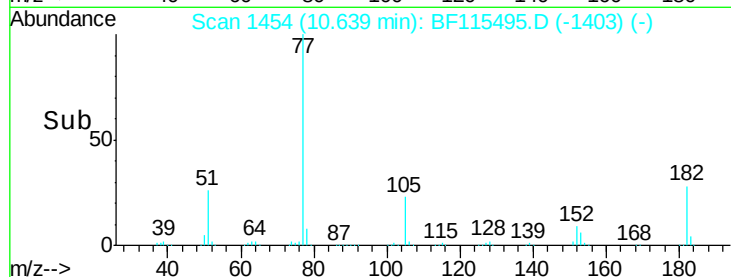


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF115495.D

Acq: 11 Jul 2019 12:21

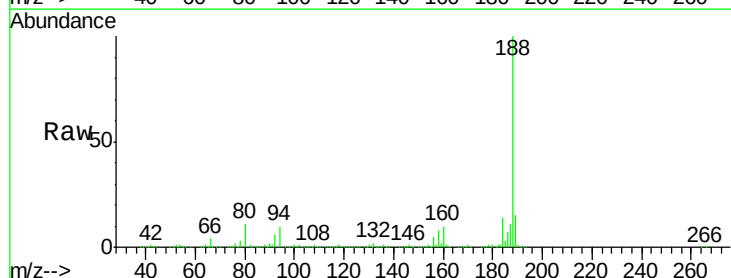
Tgt Ion: 188 Resp: 929023

Ion Ratio Lower Upper

188 100

94 10.3 7.8 11.8

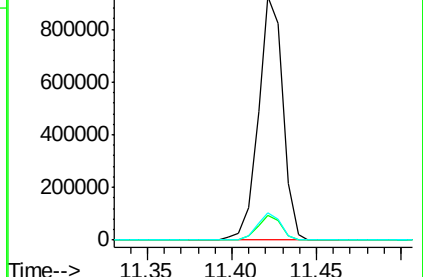
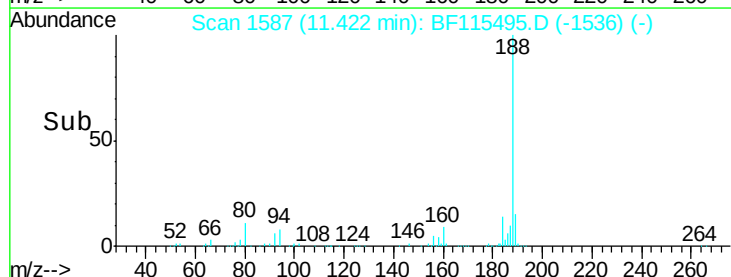
80 11.5 8.4 12.6

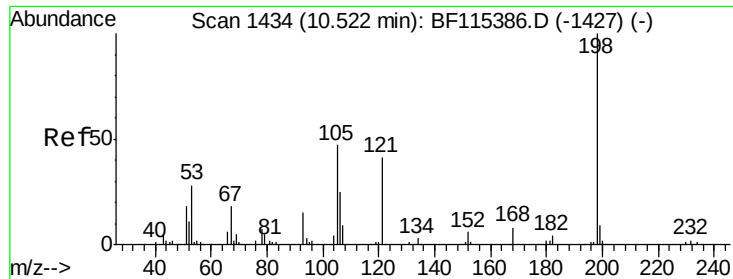


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

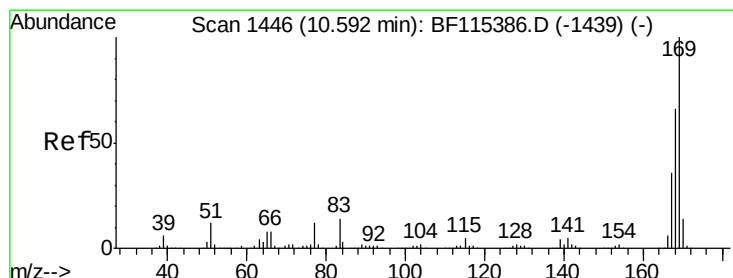
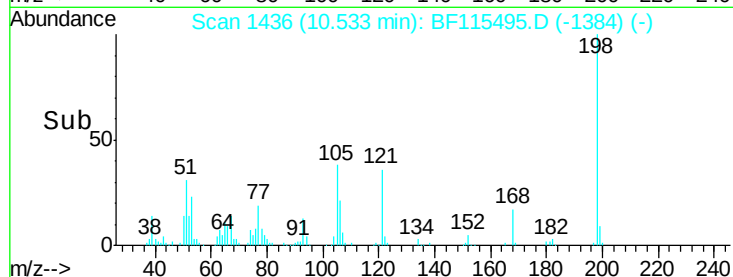
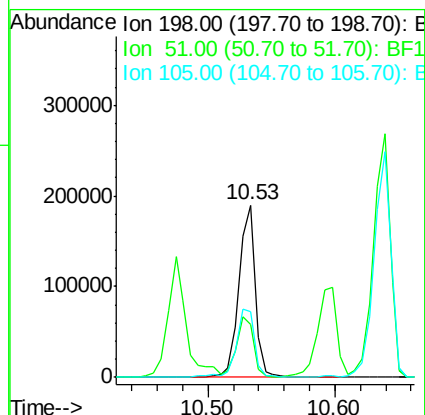
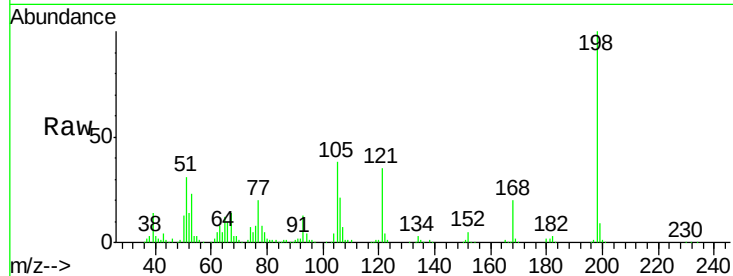




#65
4,6-Dinitro-2-methylphenol
Concen: 39.497 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

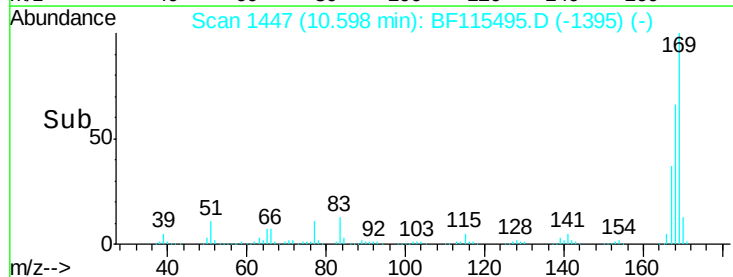
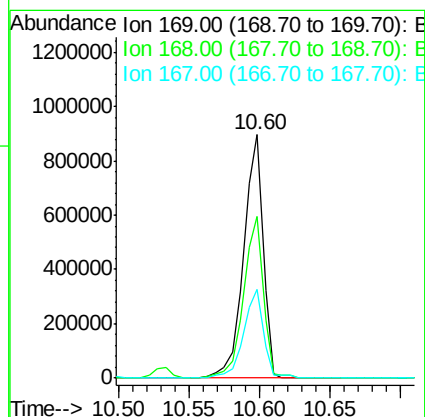
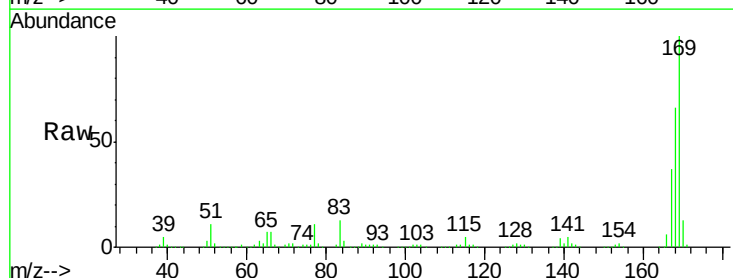
Instrument :
BNA_F
ClientSampleId :
PB121170BS

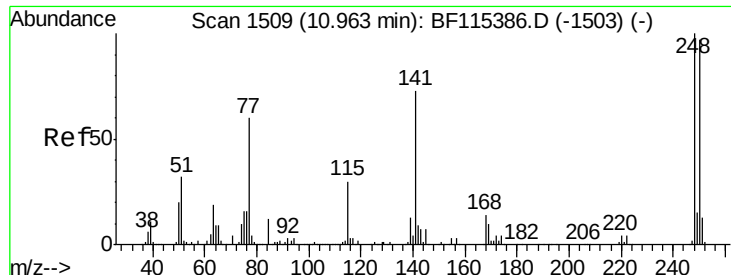
Tot Ion:198 Resp: 168332
Ion Ratio Lower Upper
198 100
51 30.9 20.7 60.7
105 37.8 25.3 65.3



#66
n-Nitrosodiphenylamine
Concen: 29.376 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Tgt Ion:169 Resp: 859888
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.6 29.4 44.2

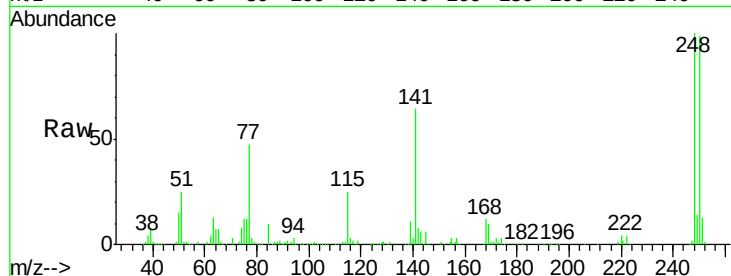




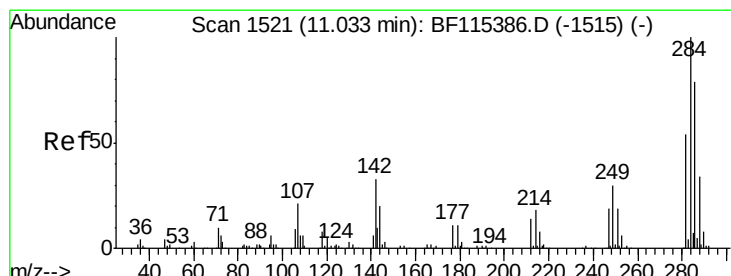
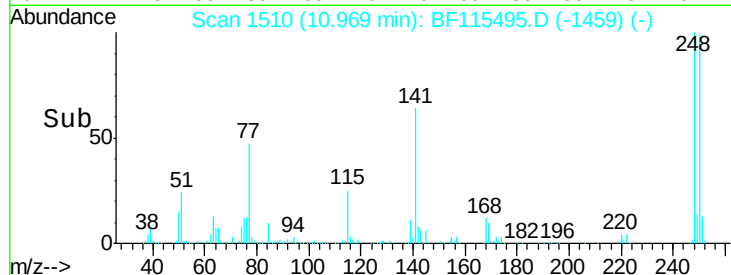
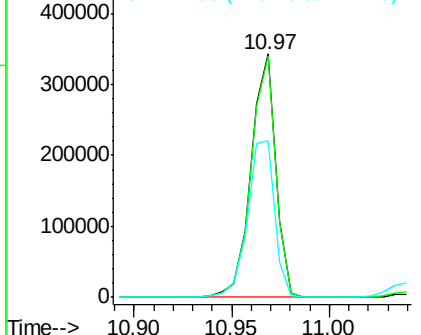
#67
 4-Bromophenyl-phenylether
 Concen: 28.796 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF115495.D
 Acq: 11 Jul 2019 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB121170BS

Tot Ion:248 Resp: 300174
 Ion Ratio Lower Upper
 248 100
 250 98.9 78.3 117.5
 141 64.1 52.2 78.2

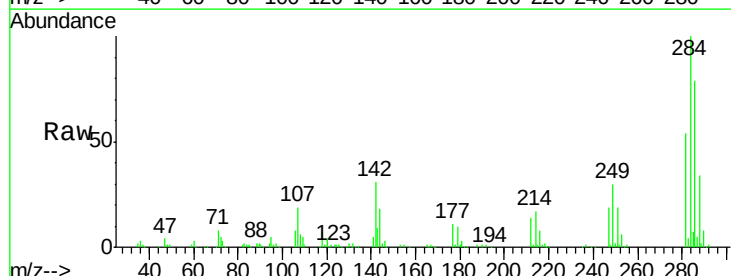


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

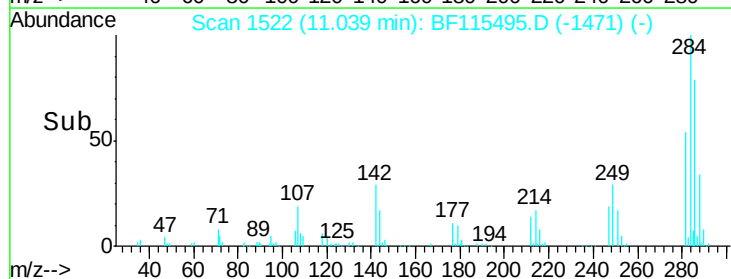
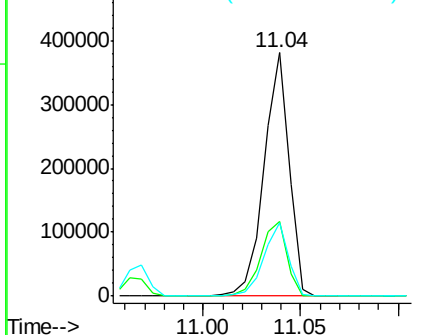


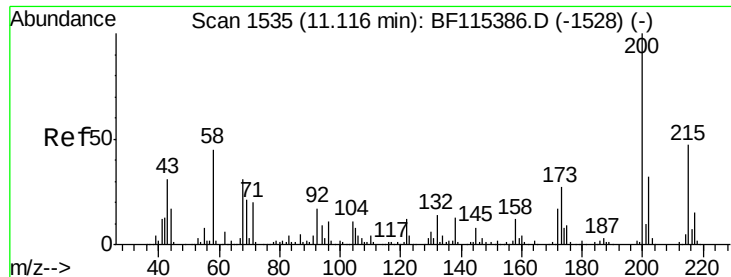
#68
 Hexachlorobenzene
 Concen: 28.888 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF115495.D
 Acq: 11 Jul 2019 12:21

Tgt Ion:284 Resp: 337918
 Ion Ratio Lower Upper
 284 100
 142 30.6 23.9 35.9
 249 30.3 23.6 35.4



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





#69

Atrazine

Concen: 30.753 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

PB121170BS

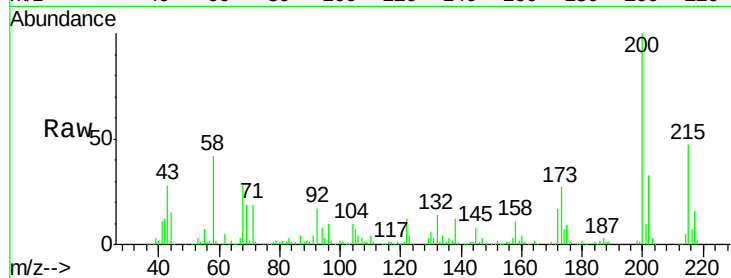
Tot Ion:200 Resp: 278593

Ion Ratio Lower Upper

200 100

173 27.0 7.0 47.0

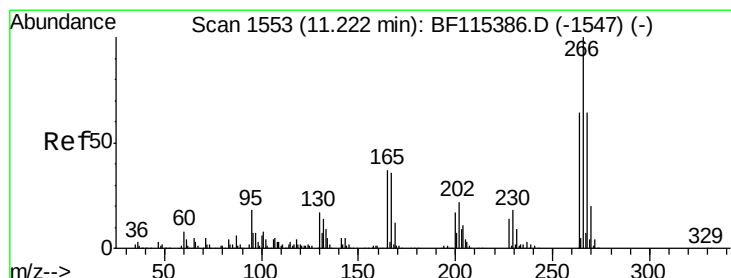
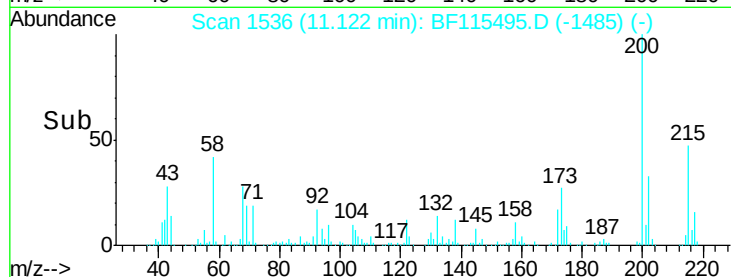
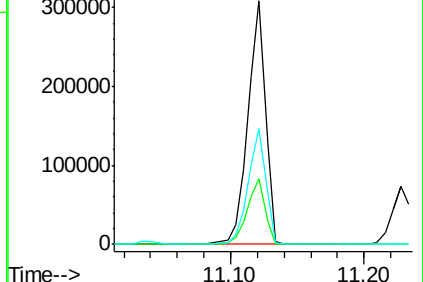
215 47.5 27.8 67.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 57.498 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

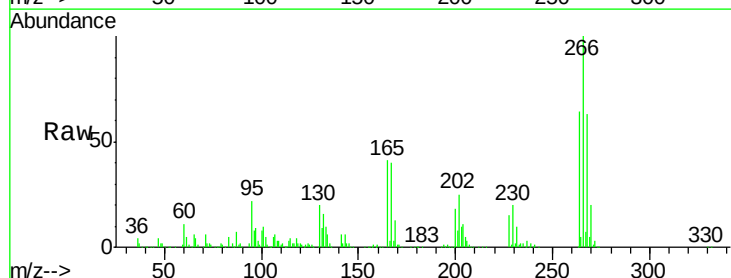
Tgt Ion:266 Resp: 409887

Ion Ratio Lower Upper

266 100

268 63.0 51.2 76.8

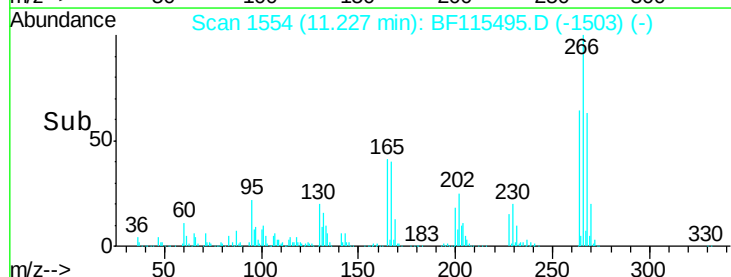
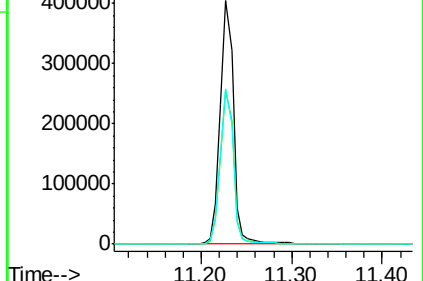
264 63.9 50.6 75.8

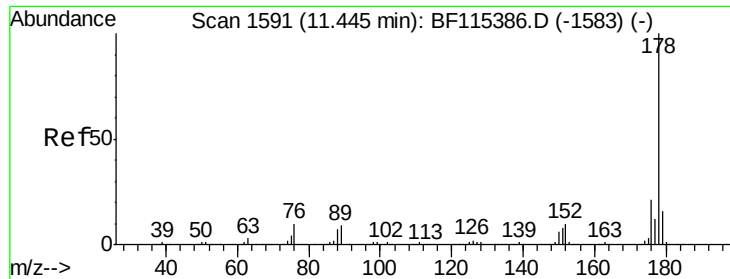


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 28.513 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

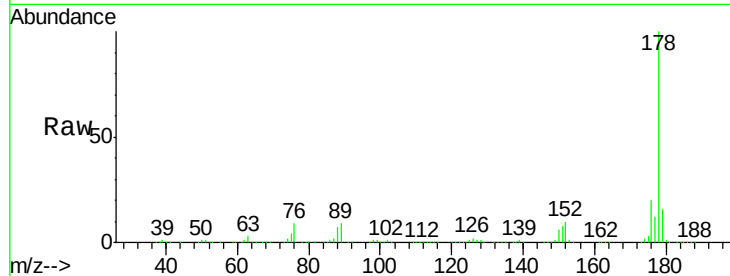
BNA_F

ClientSampleId :

PB121170BS

Tot Ion:178 Resp: 1393128

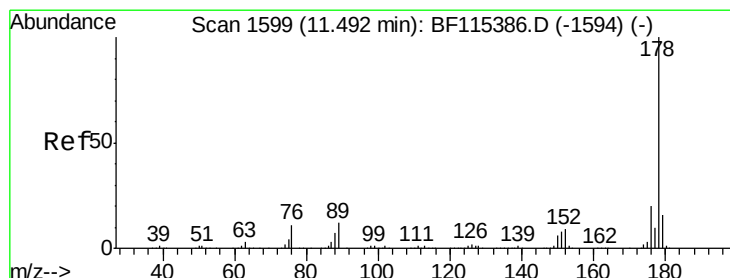
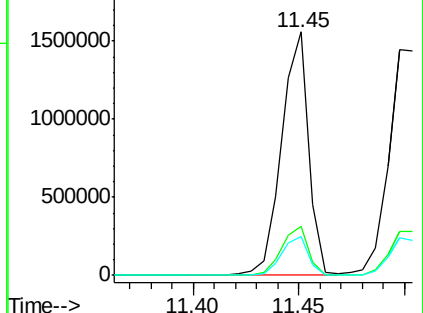
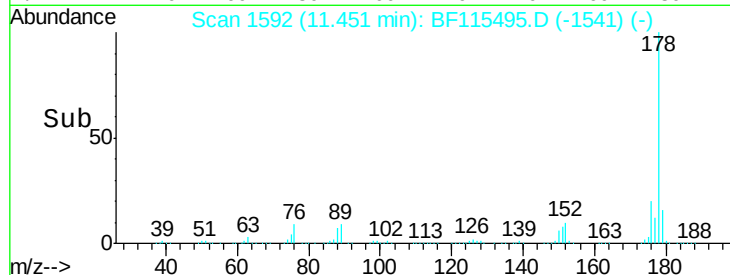
Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.6	24.8
179	15.8	12.7	19.1



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: 29.484 ng

RT: 11.50 min Scan# 1600

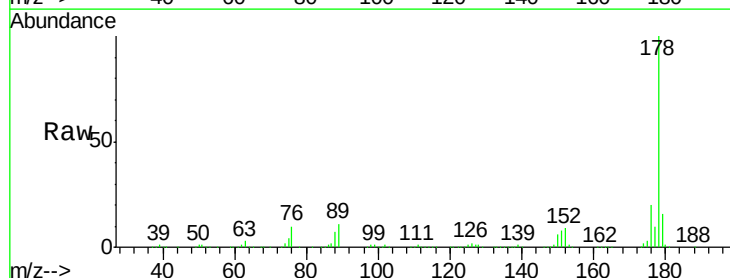
Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Tgt Ion:178 Resp: 1444572

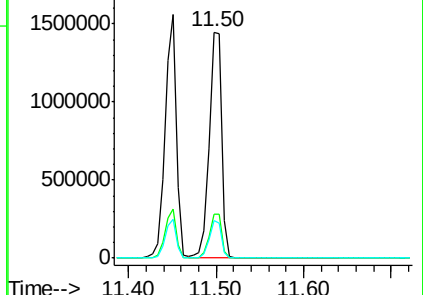
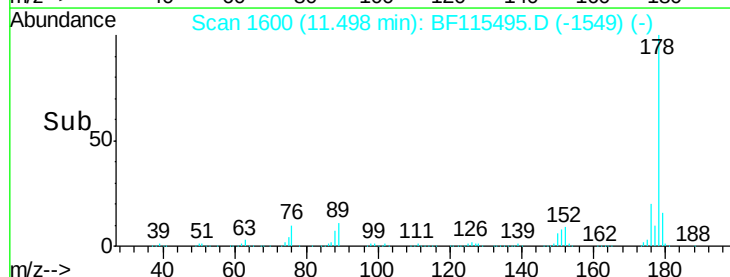
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	16.4	13.0	19.6

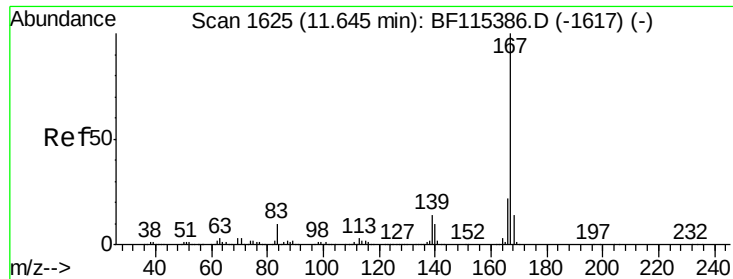


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

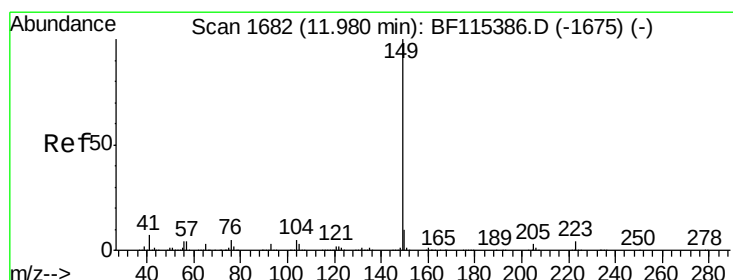
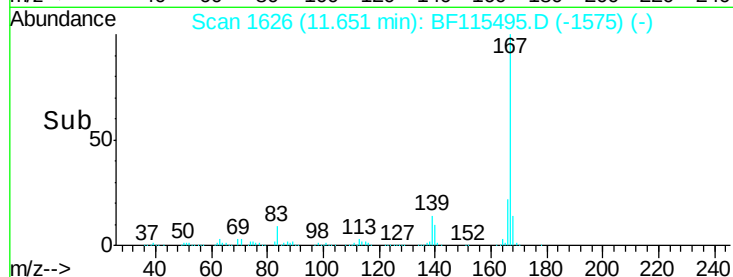
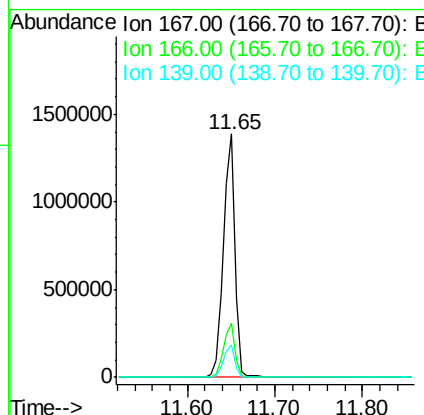
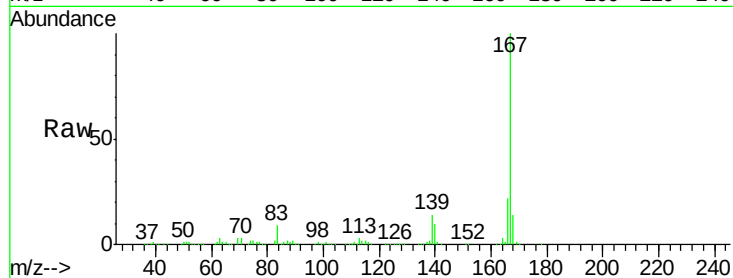




#73
 Carbazole
 Concen: 28.517 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF115495.D
 Acq: 11 Jul 2019 12:21

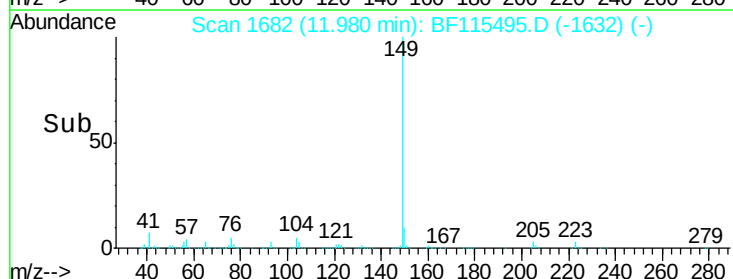
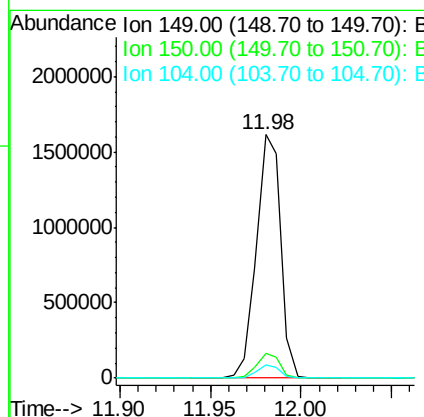
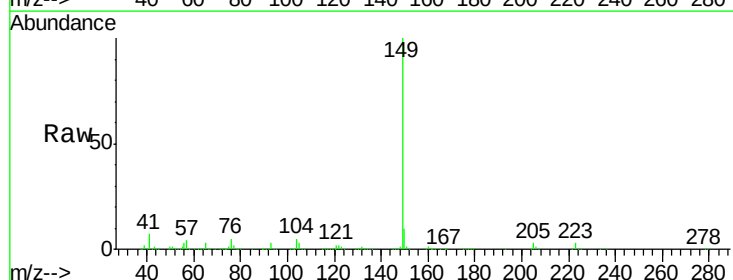
Instrument :
 BNA_F
 ClientSampleId :
 PB121170BS

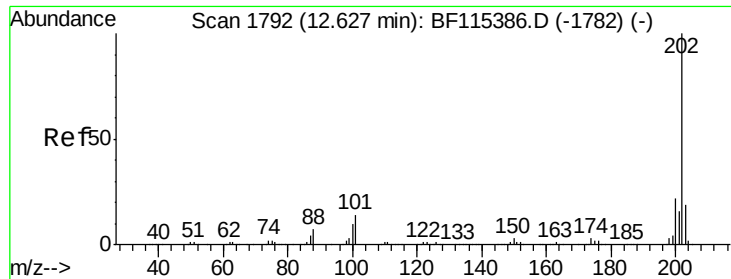
Tot Ion:167 Resp: 1278215
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.8
 139 13.6 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 27.791 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BF115495.D
 Acq: 11 Jul 2019 12:21

Tgt Ion:149 Resp: 1505470
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.6 11.4
 104 5.2 3.9 5.9





#75

Fluoranthene

Concen: 28.491 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

PB121170BS

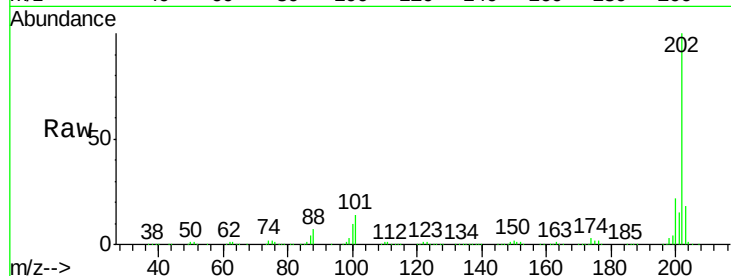
Tot Ion:202 Resp: 1465742

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.9

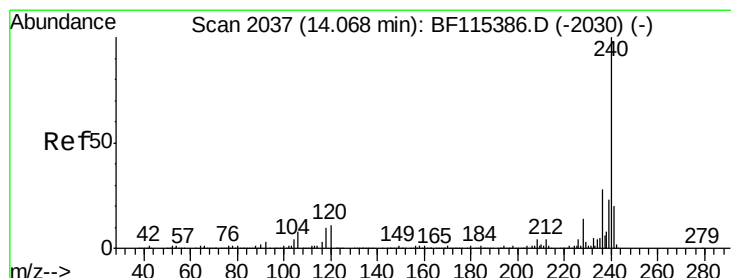
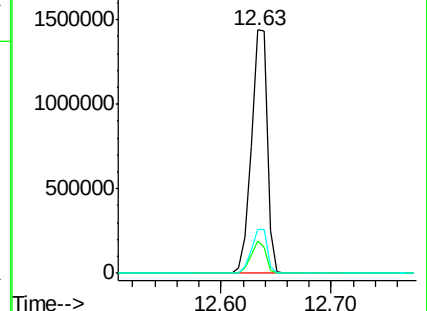
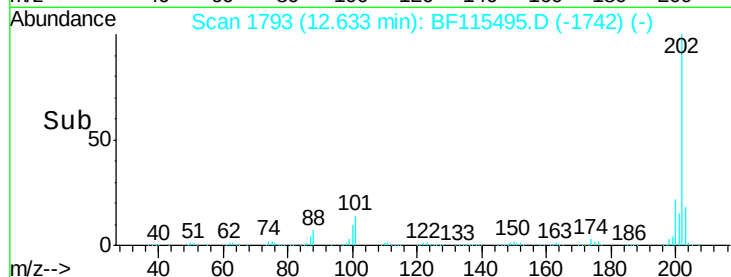
203 18.2 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

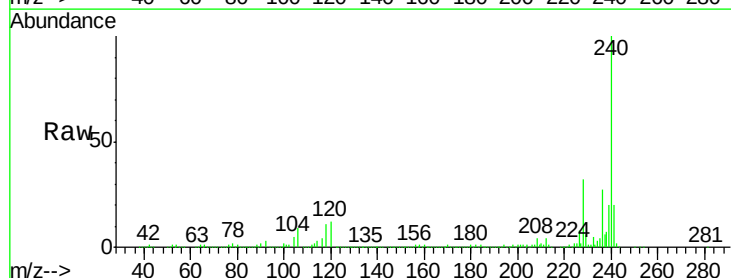
Tgt Ion:240 Resp: 639320

Ion Ratio Lower Upper

240 100

120 12.3 10.2 15.4

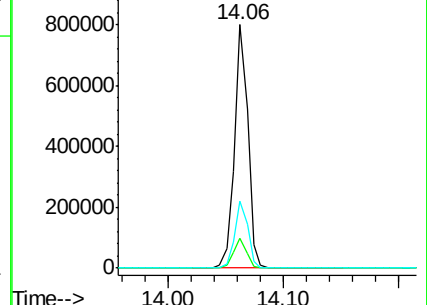
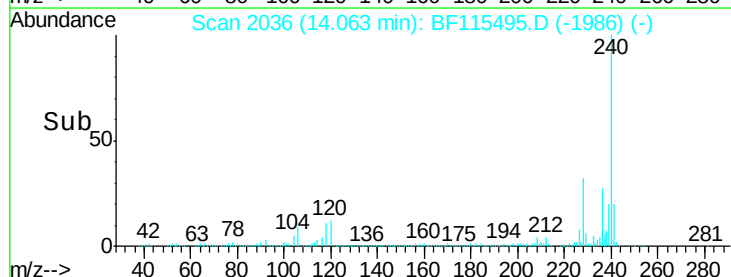
236 27.3 21.1 31.7

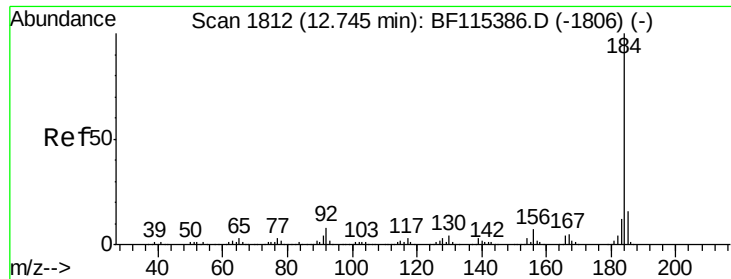


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.574 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

PB121170BS

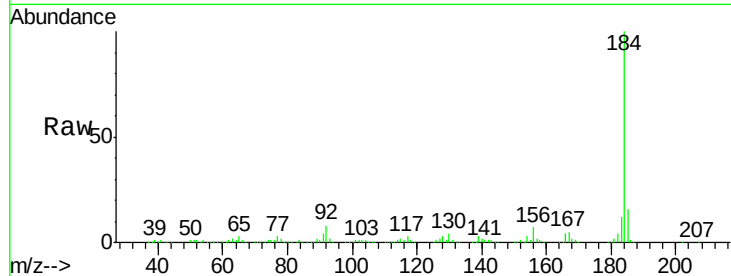
Tot Ion:184 Resp: 787164

Ion Ratio Lower Upper

184 100

185 15.8 13.0 19.6

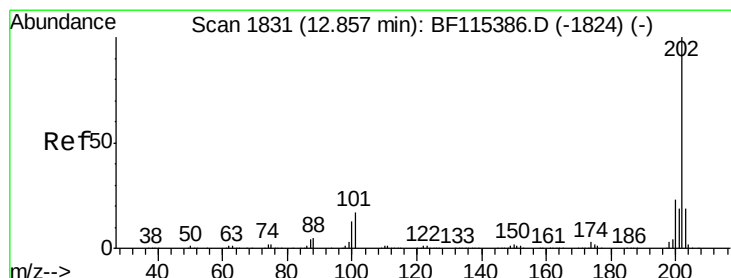
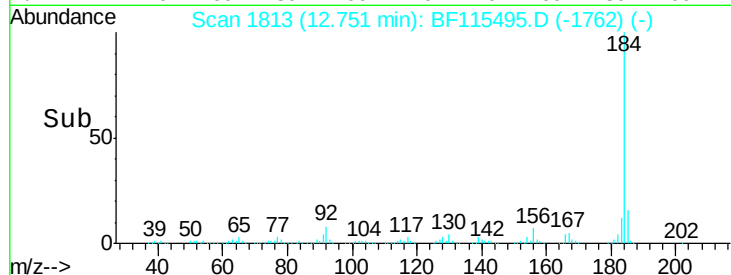
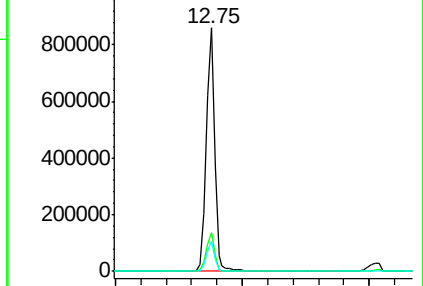
183 12.2 9.7 14.5



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: 30.062 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

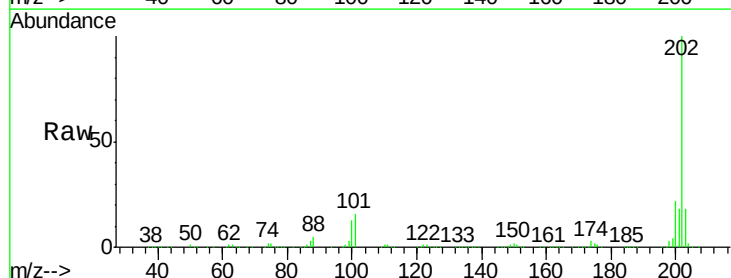
Tgt Ion:202 Resp: 1494558

Ion Ratio Lower Upper

202 100

200 22.4 17.6 26.4

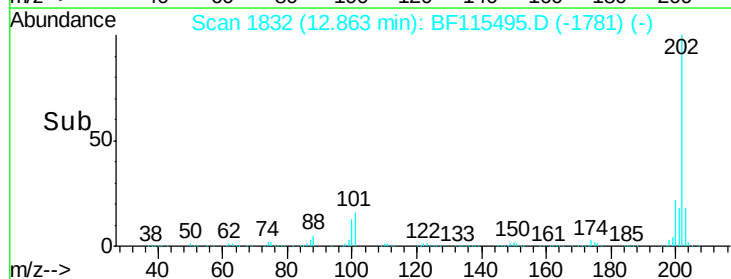
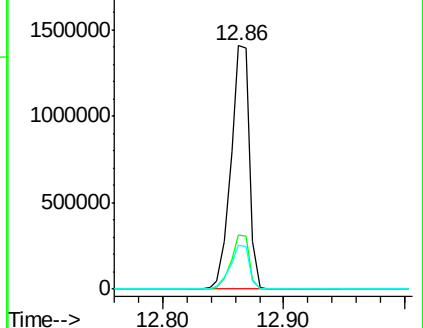
203 18.3 14.7 22.1

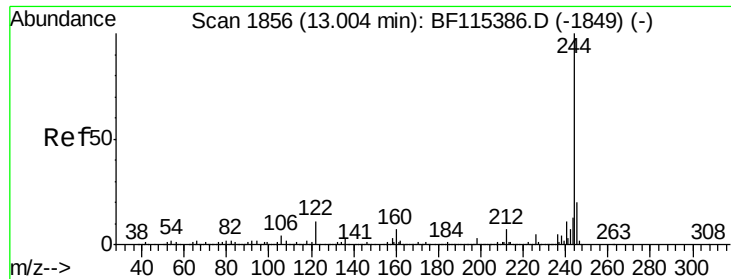


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.654 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.01 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

PB121170BS

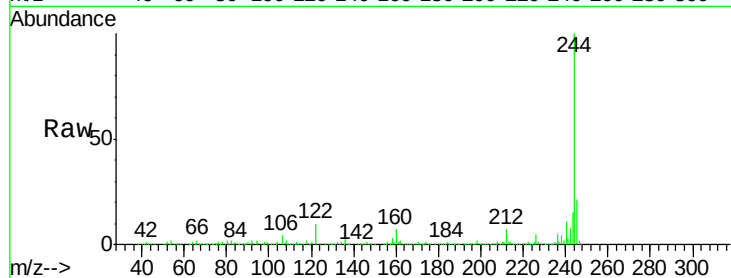
Tot Ion:244 Resp: 2674504

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

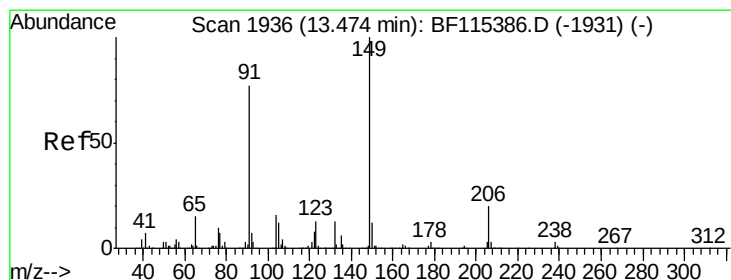
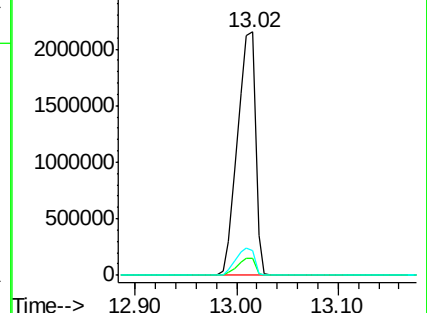
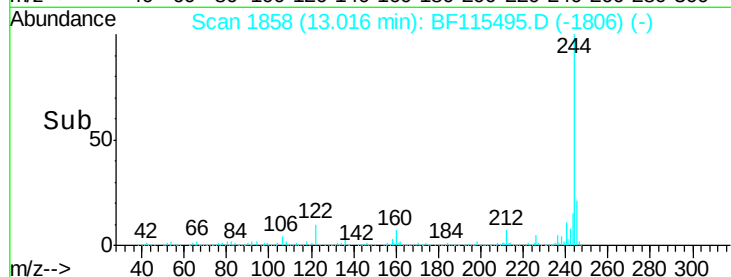
122 10.4 9.1 13.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 29.639 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

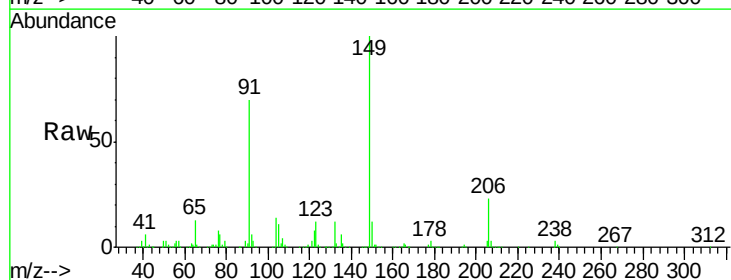
Tgt Ion:149 Resp: 643834

Ion Ratio Lower Upper

149 100

91 70.4 57.8 86.6

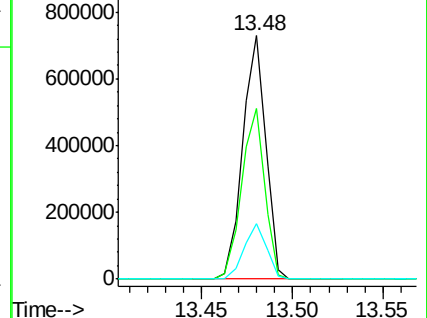
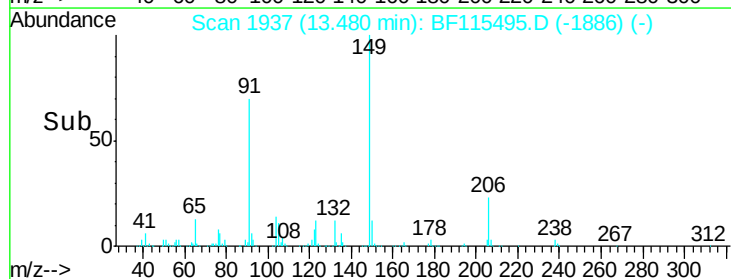
206 22.6 16.9 25.3

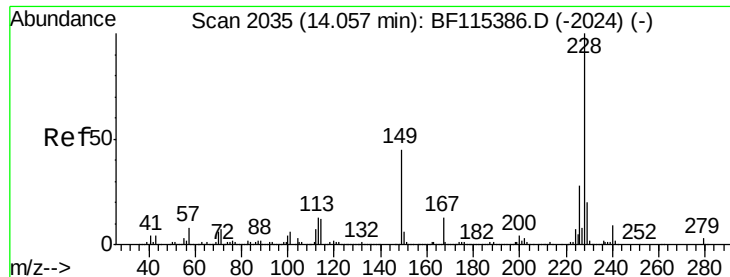


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 29.474 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

PB121170BS

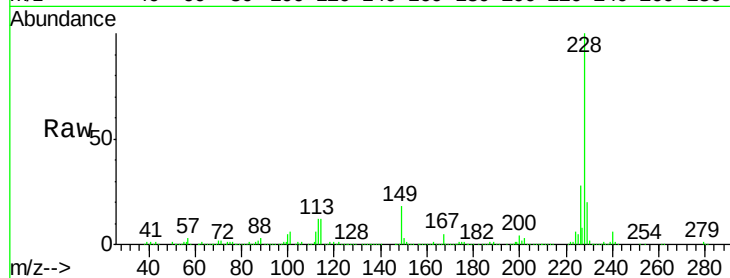
Tot Ion:228 Resp: 1207347

Ion Ratio Lower Upper

228 100

226 27.8 22.6 34.0

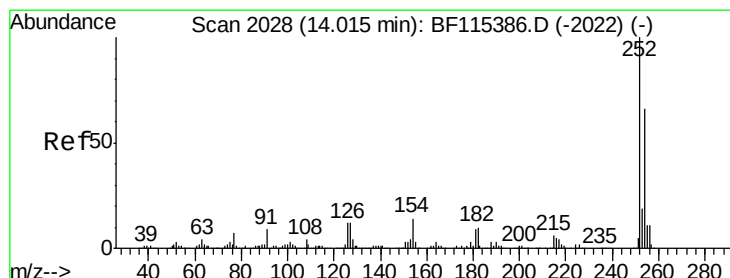
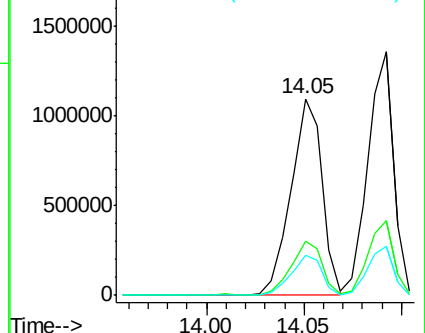
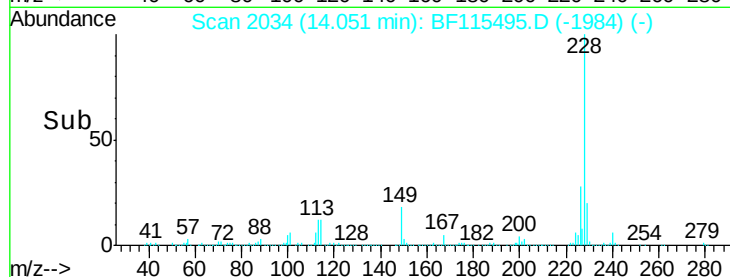
229 20.5 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.024 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

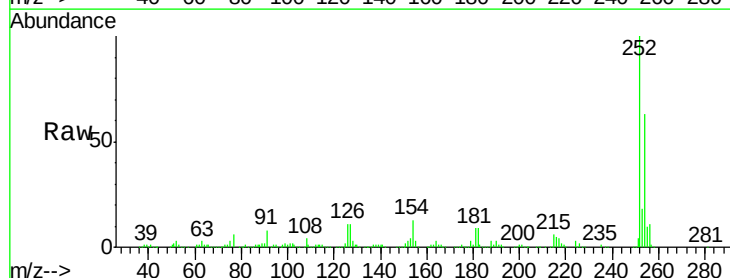
Tgt Ion:252 Resp: 312503

Ion Ratio Lower Upper

252 100

254 63.5 52.9 79.3

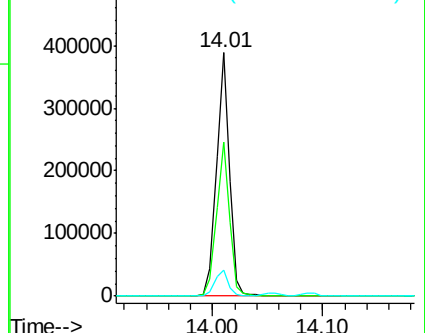
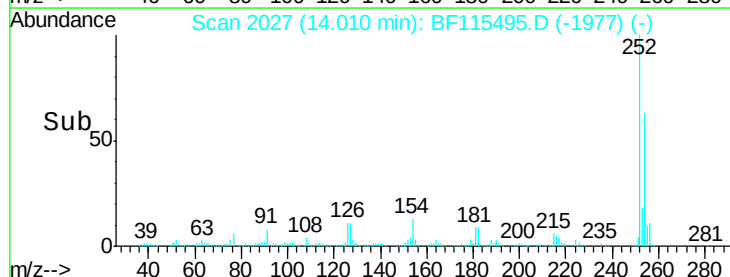
126 10.7 10.0 15.0

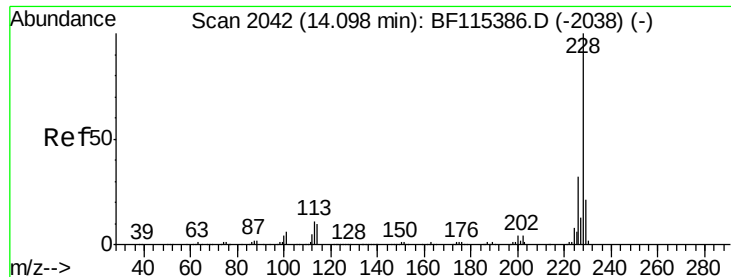


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

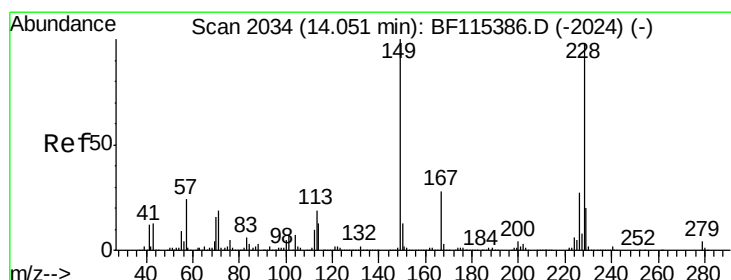
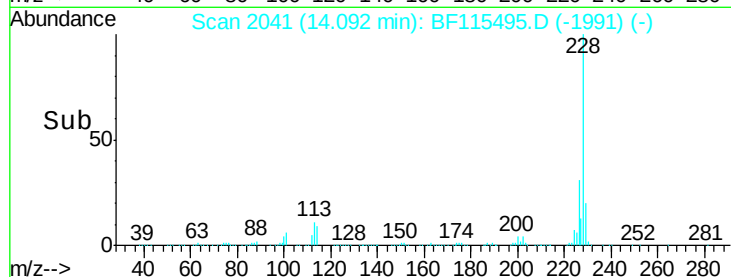
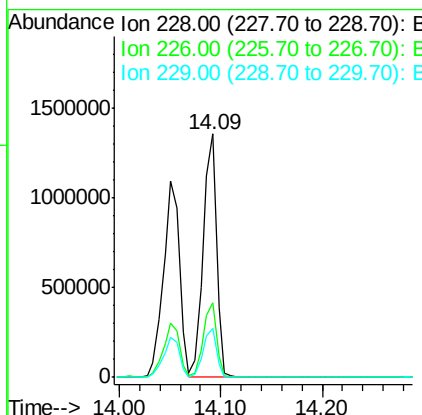
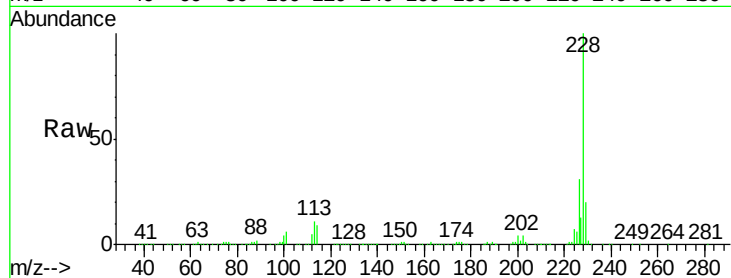




#83
 Chrysene
 Concen: 29.449 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF115495.D
 Acq: 11 Jul 2019 12:21

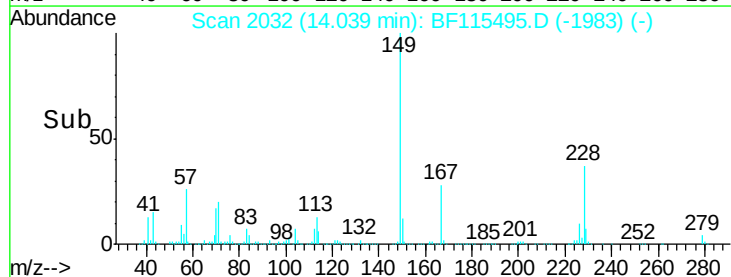
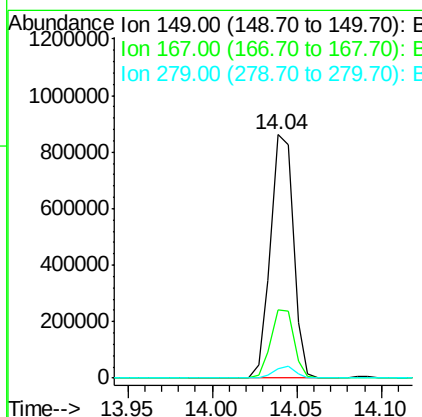
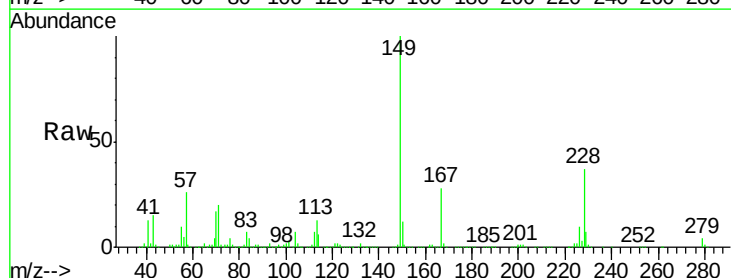
Instrument :
 BNA_F
 ClientSampleId :
 PB121170BS

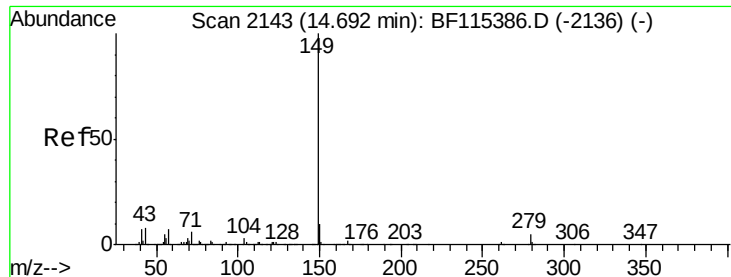
Tot Ion:228 Resp: 1239495
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.1 37.7
 229 20.0 16.1 24.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 30.203 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115495.D
 Acq: 11 Jul 2019 12:21

Tgt Ion:149 Resp: 812490
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.6 34.0
 279 3.9 3.8 5.6

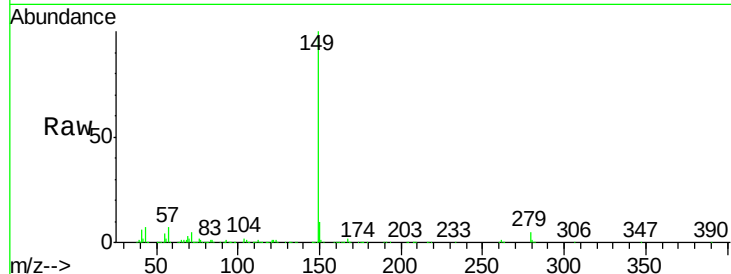




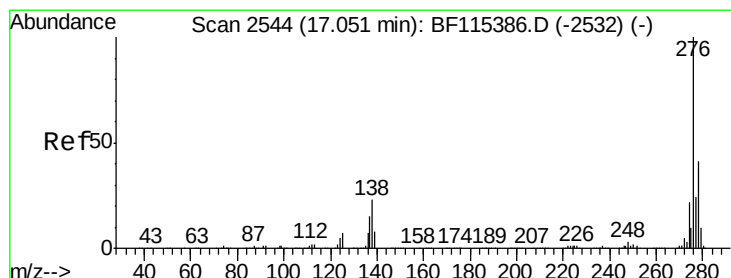
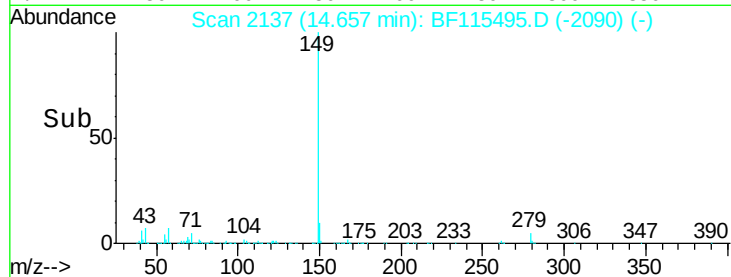
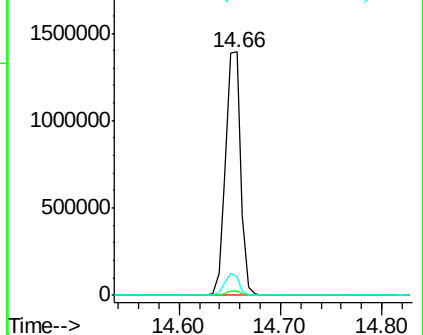
#85
 Di-n-octyl phthalate
 Concen: 30.225 ng
 RT: 14.66 min Scan# 2137
 Delta R.T. -0.02 min
 Lab File: BF115495.D
 Acq: 11 Jul 2019 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB121170BS

Tot Ion:149 Resp: 1447481
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 8.3 7.0 10.6

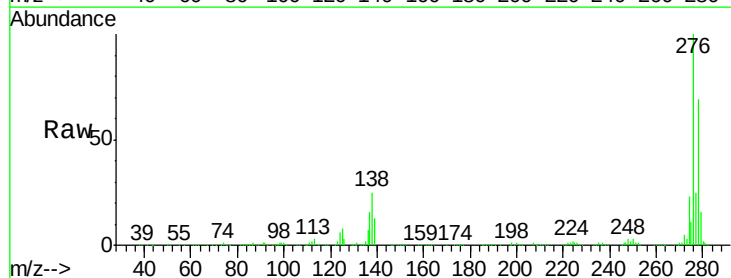


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

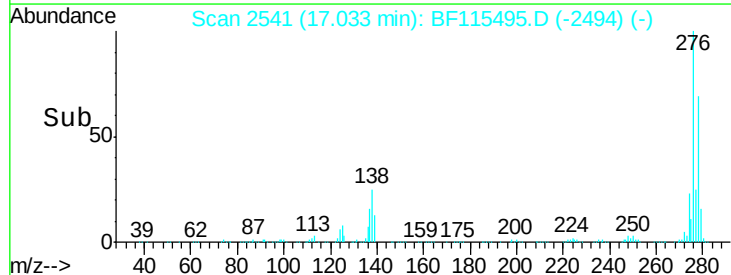
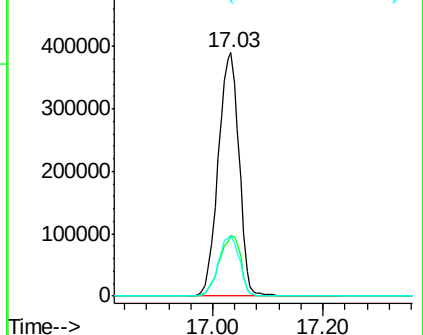


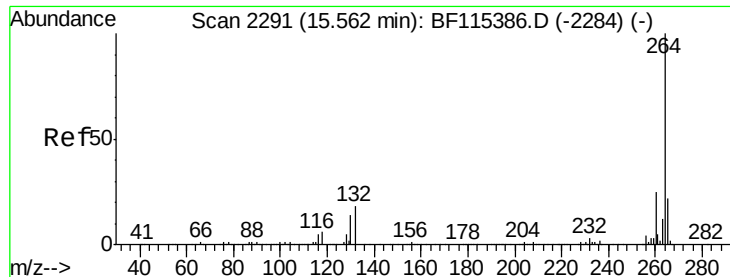
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 27.609 ng
 RT: 17.03 min Scan# 2541
 Delta R.T. -0.02 min
 Lab File: BF115495.D
 Acq: 11 Jul 2019 12:21

Tgt Ion:276 Resp: 1030247
 Ion Ratio Lower Upper
 276 100
 138 25.7 20.6 31.0
 277 25.2 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: 15.54 min Scan# 2287

Delta R.T. -0.02 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

PB121170BS

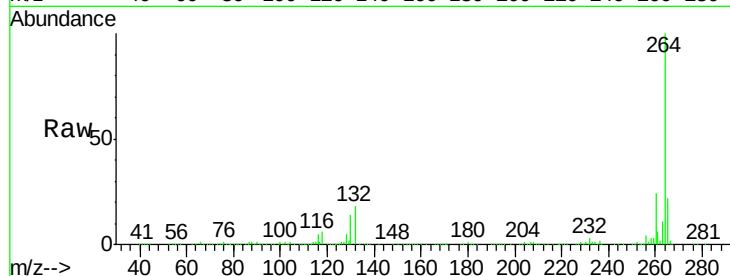
Tot Ion:264 Resp: 621438

Ion Ratio Lower Upper

264 100

260 24.2 20.1 30.1

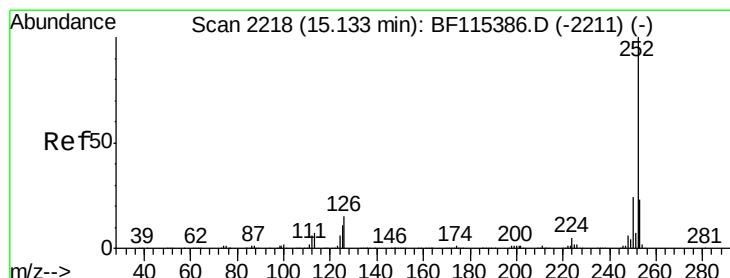
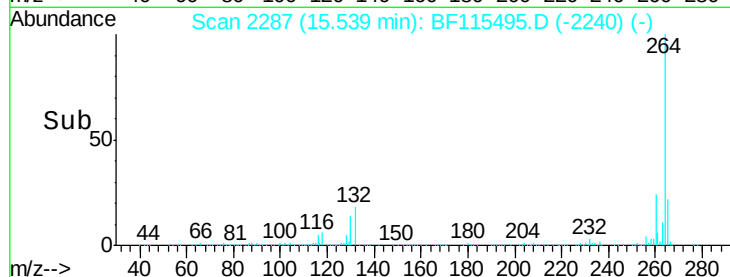
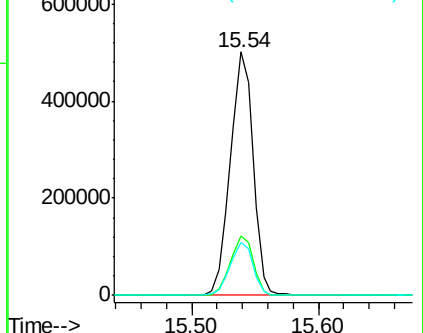
265 21.7 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 28.807 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

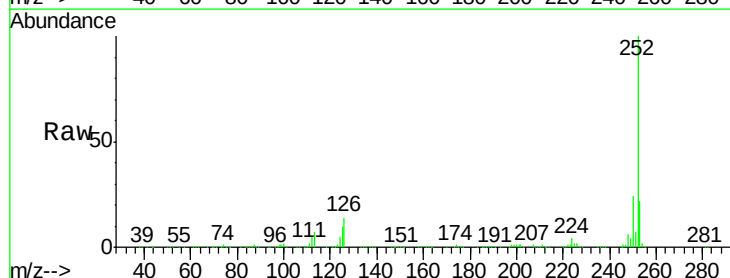
Tgt Ion:252 Resp: 1165560

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

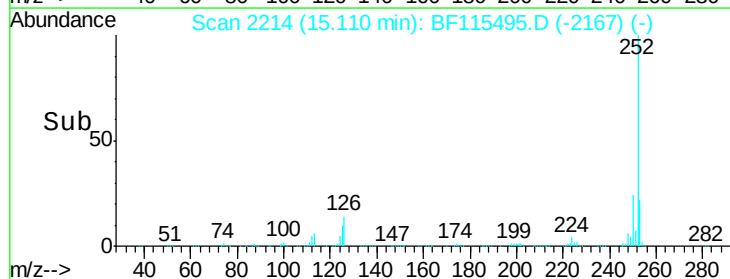
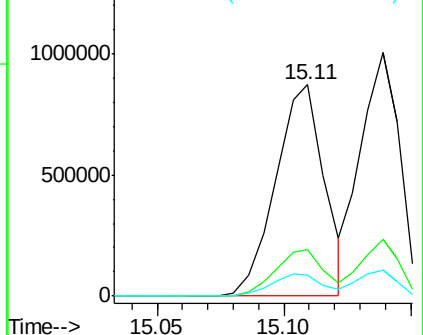
125 10.1 8.5 12.7

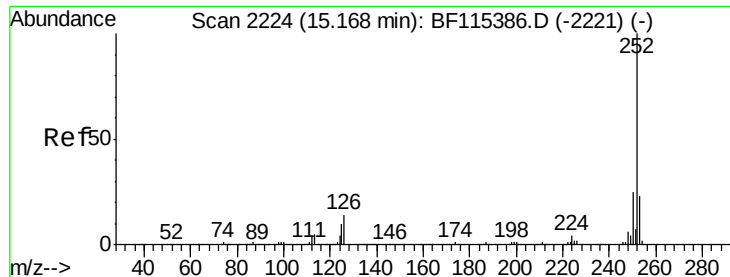


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

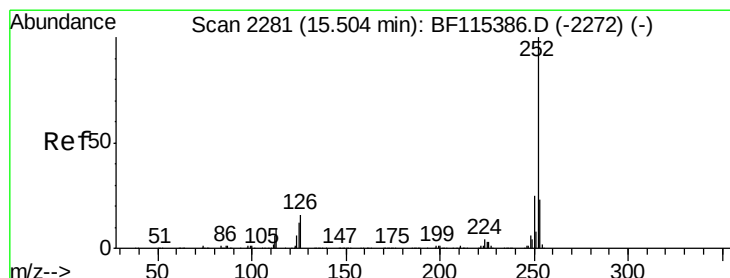
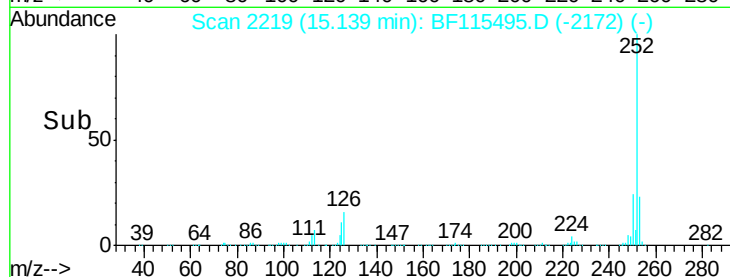
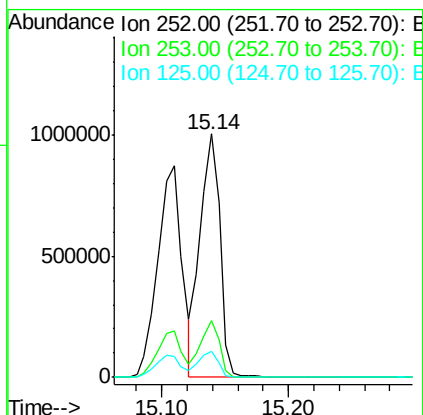
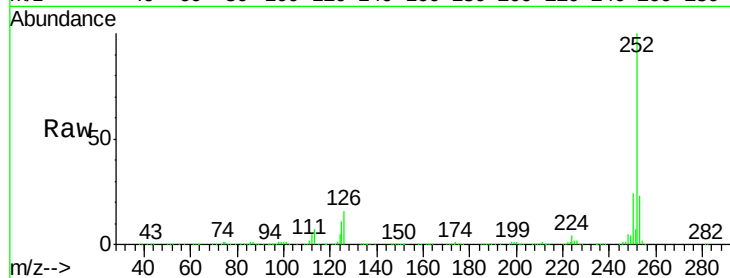




#89
Benzo(k)fluoranthene
Concen: 30.434 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

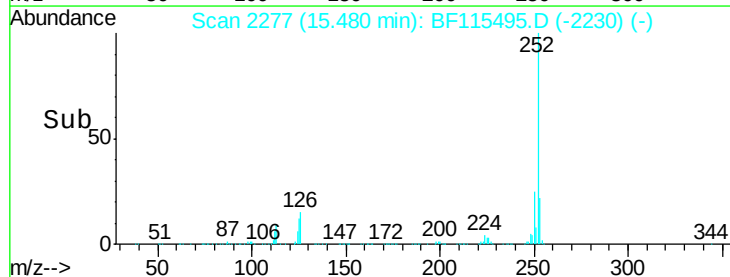
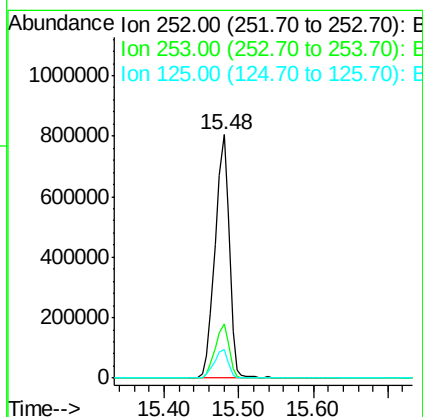
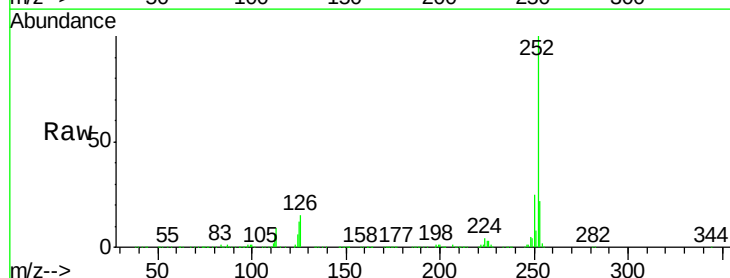
Instrument :
BNA_F
ClientSampleId :
PB121170BS

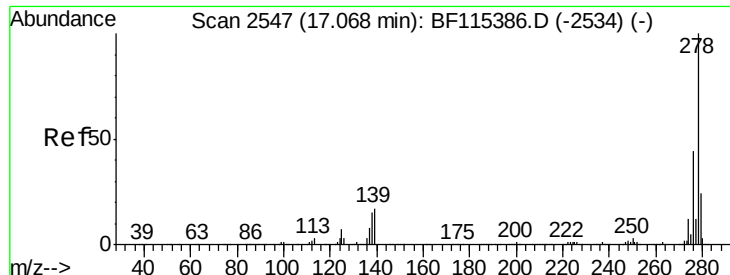
Tot Ion:252 Resp: 1095141
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 10.9 8.6 13.0



#90
Benzo(a)pyrene
Concen: 30.431 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF115495.D
Acq: 11 Jul 2019 12:21

Tgt Ion:252 Resp: 1061971
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.6 9.7 14.5





#91

Dibenzo(a,h)anthracene

Concen: 28.670 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.04 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

PB121170BS

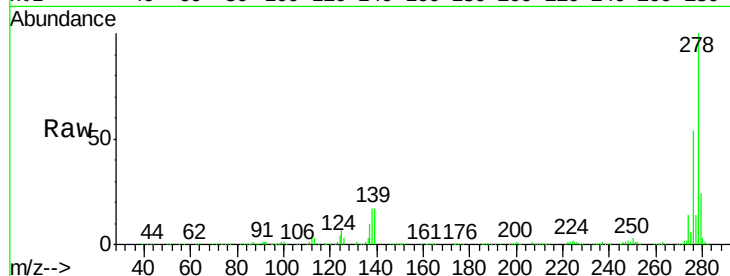
Tot Ion:278 Resp: 854975

Ion Ratio Lower Upper

278 100

139 17.1 13.0 19.6

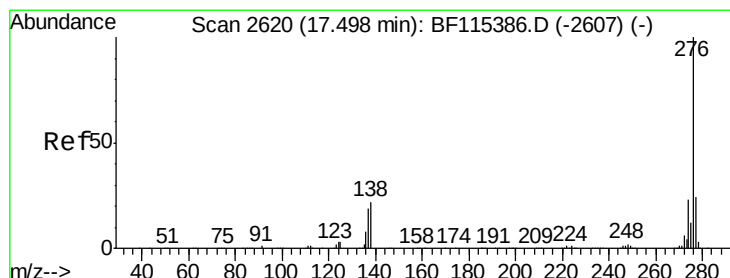
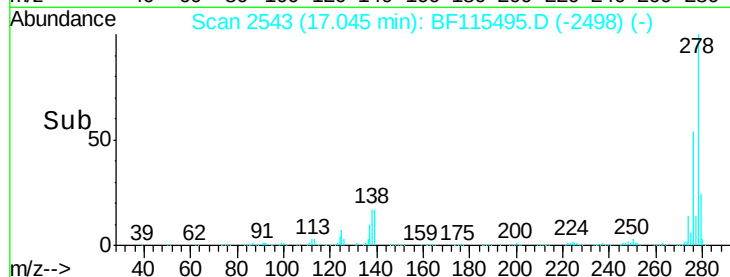
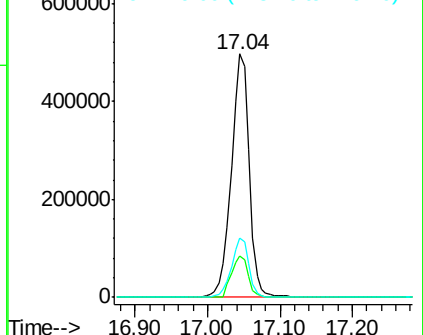
279 24.3 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 29.826 ng

RT: 17.47 min Scan# 2616

Delta R.T. -0.04 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

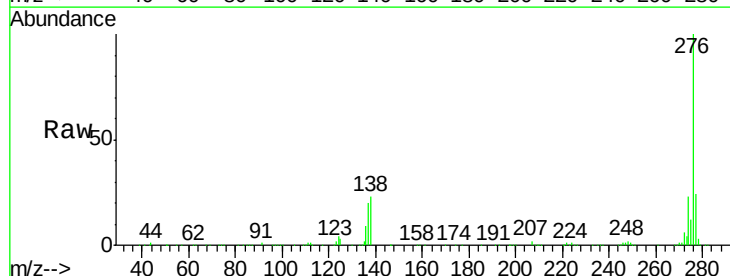
Tgt Ion:276 Resp: 841885

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 23.1 17.8 26.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

