

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
 Data File : BF113191.D
 Acq On : 21 Mar 2019 1:55
 Operator : JU/SJ
 Sample : K1943-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 12:24:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 12:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	129292	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	431234	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	209933	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	399861	20.00	ng	0.00
76) Chrysene-d12	13.87	240	354414	20.00	ng	0.00
87) Perylene-d12	15.27	264	262627	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	881195	106.02	ng	0.02
7) Phenol-d6	6.37	99	980774	93.94	ng	0.00
23) Nitrobenzene-d5	7.29	82	692498	96.09	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	353935	158.81	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1427668	130.85	ng	0.00
79) Terphenyl-d14	12.82	244	1482862	81.11	ng	0.00

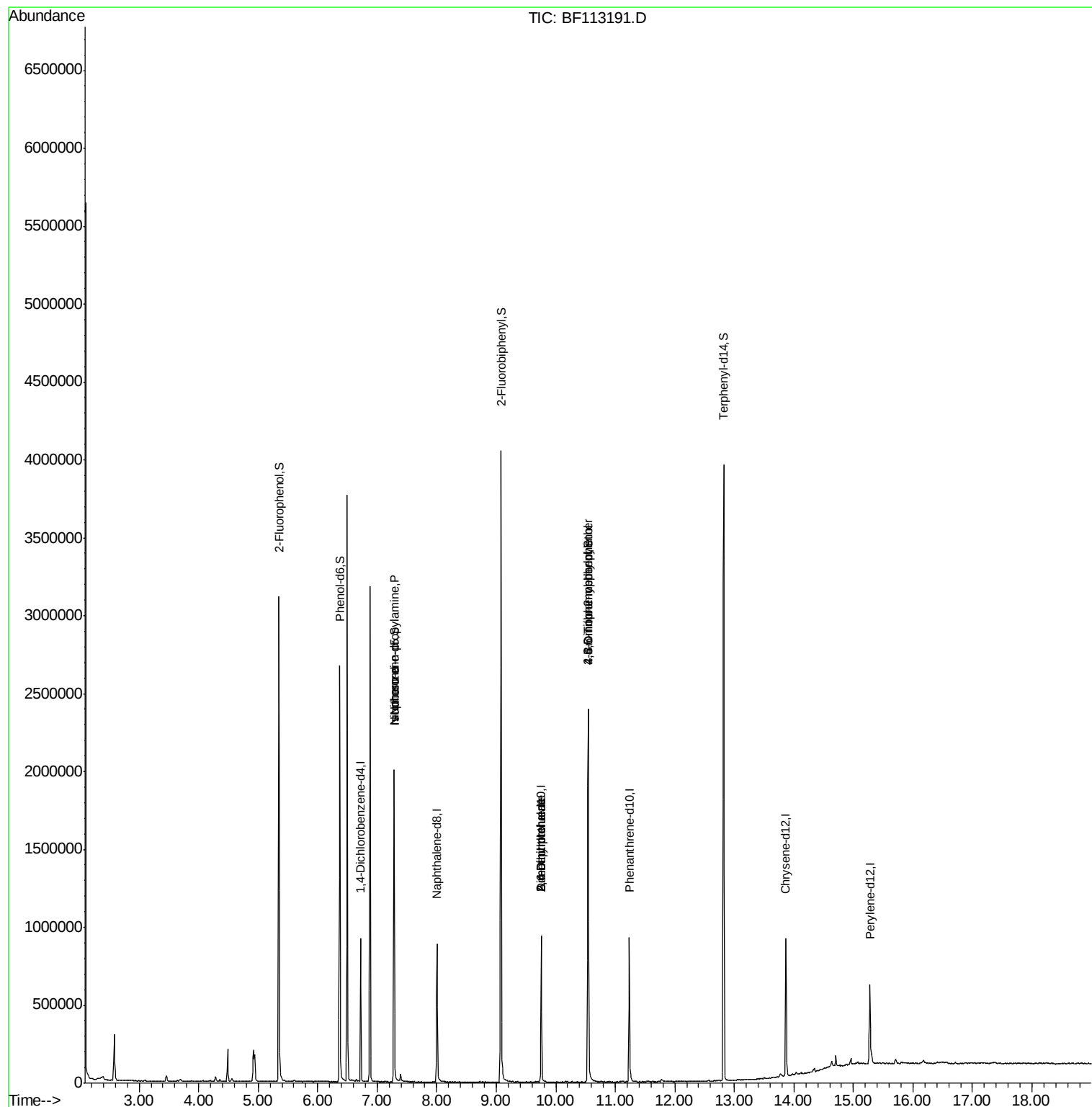
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	91568	13.848	ng	# 74
25) Isophorone	7.29	82	671840	43.273	ng	# 65
50) Dimethylphthalate	9.76	163	53775	3.474	ng	# 1
51) 2,6-Dinitrotoluene	9.76	165	26941	8.358	ng	# 25
57) 2,4-Dinitrotoluene	9.76	165	26941	6.724	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.55	198	547	4.914	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	20017	4.753	ng	# 1

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

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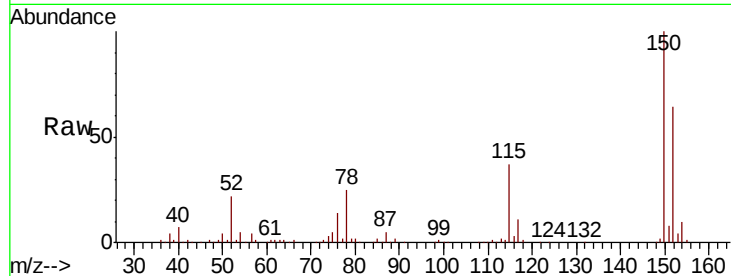


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.0	184.6
115	58.6	45.9	68.9

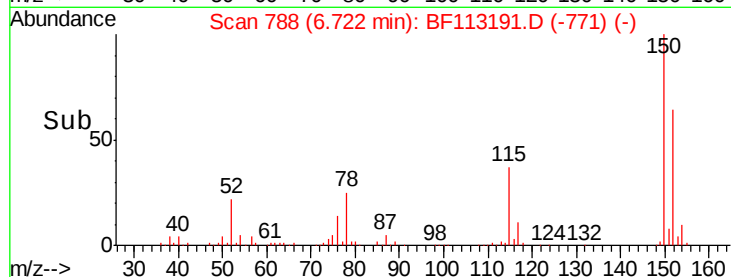
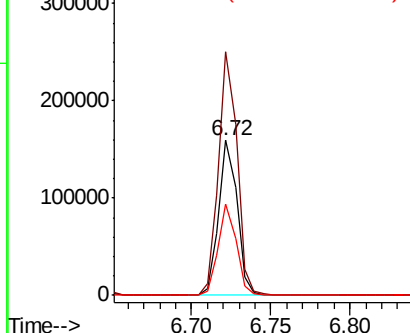


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

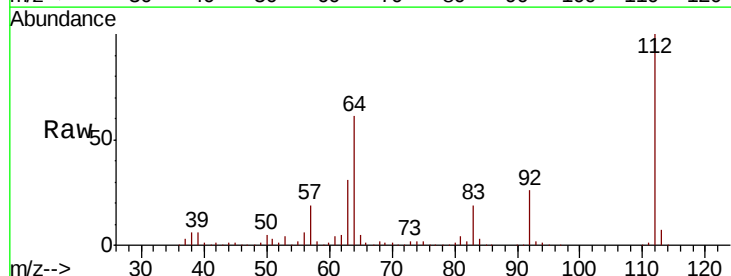
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.019 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.02 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	49.3	73.9
63	31.0	25.4	38.2

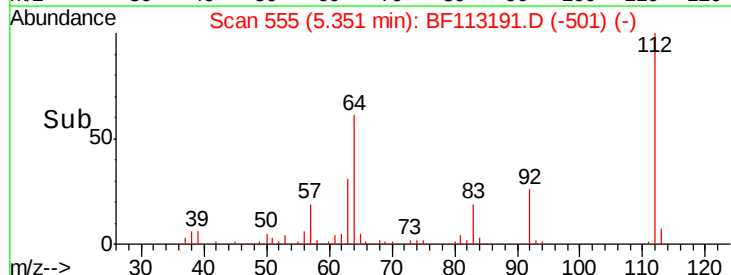
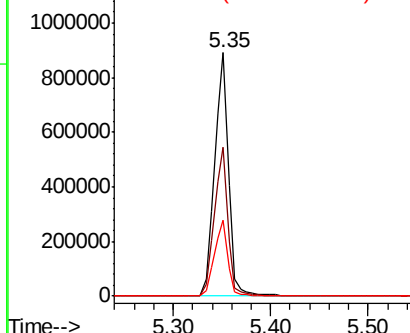


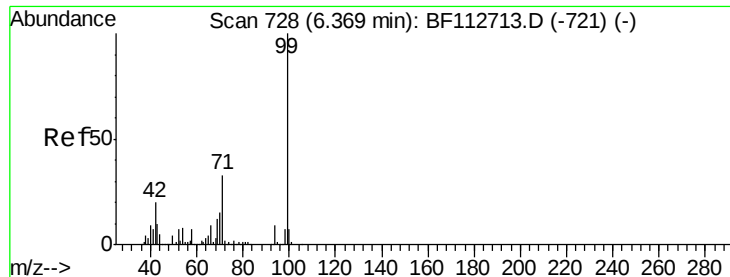
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 93.936 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113191.D

Acq: 21 Mar 2019 1:55

Instrument :

BNA_F

ClientSampleId :

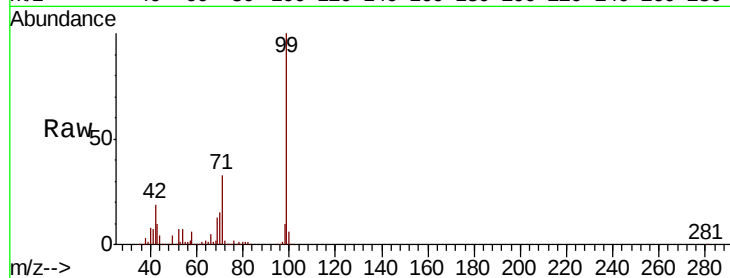
Tot Ion: 99 Resp: 980774

Ion Ratio Lower Upper

99 100

42 18.7 15.2 22.8

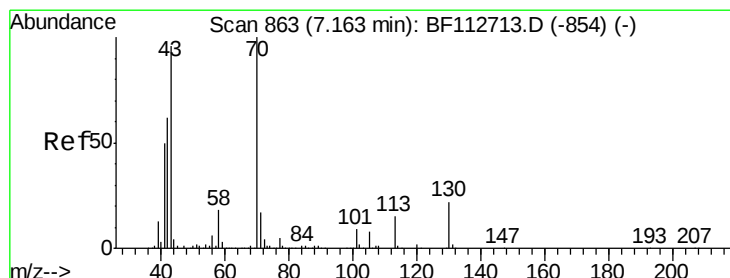
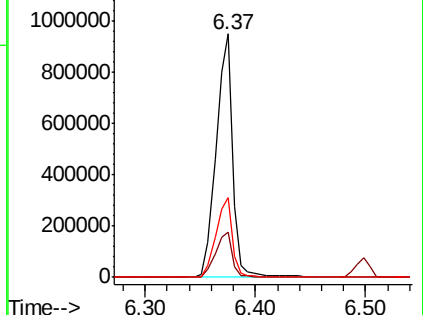
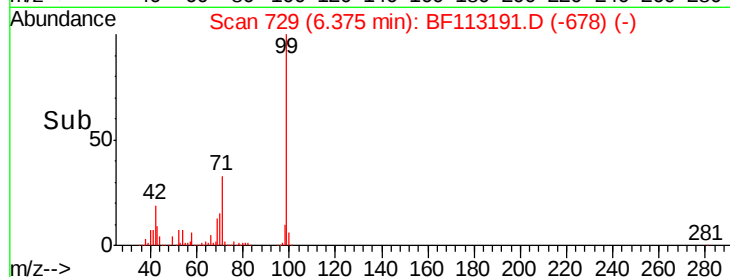
71 33.0 25.7 38.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.848 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF113191.D

Acq: 21 Mar 2019 1:55

Tgt Ion: 70 Resp: 91568

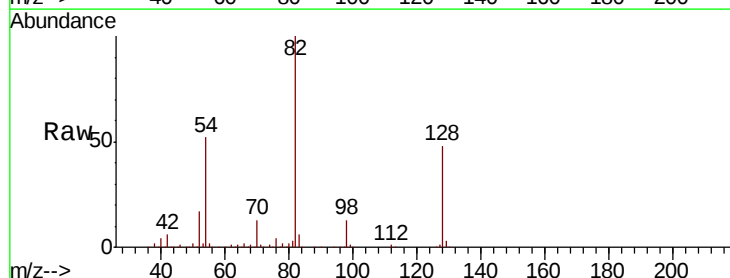
Ion Ratio Lower Upper

70 100

42 46.7 50.4 75.6#

101 0.0 7.5 11.3#

130 2.2 17.0 25.6#

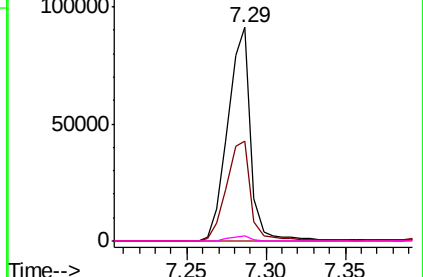
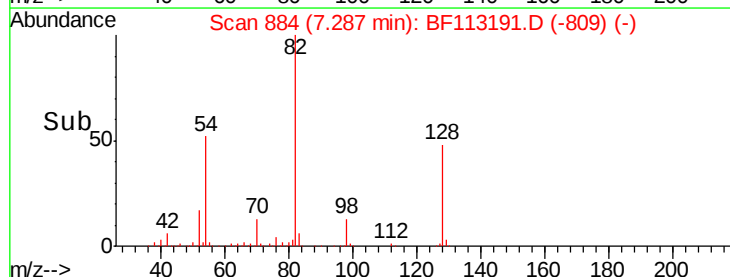


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

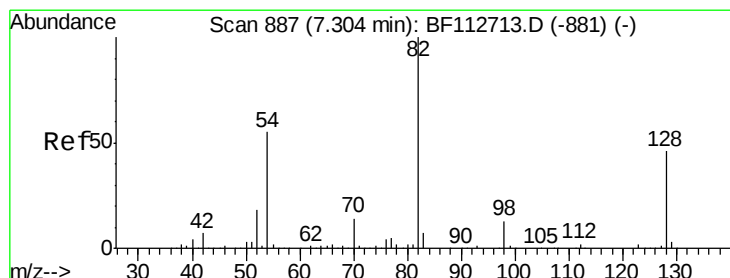
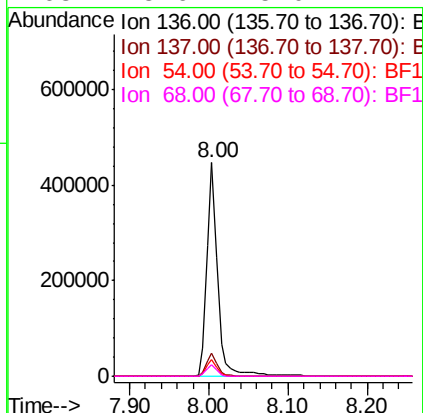
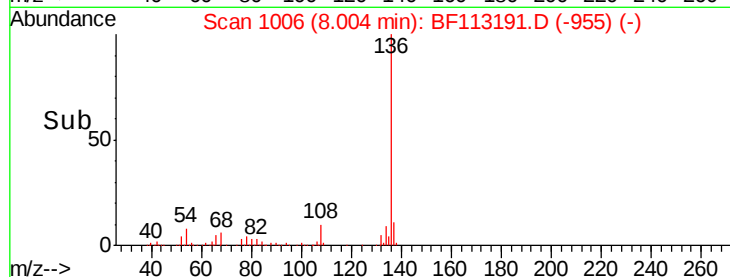
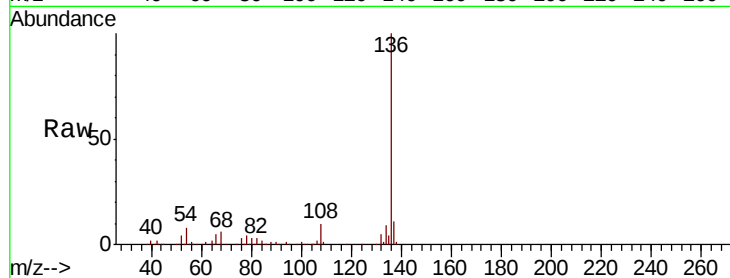




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

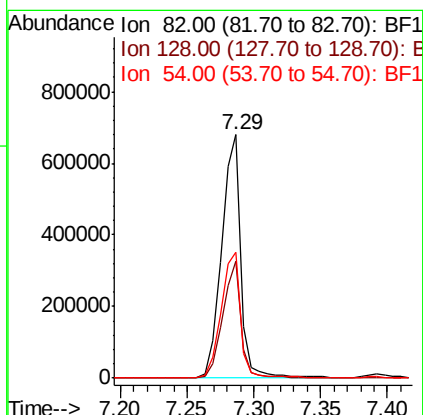
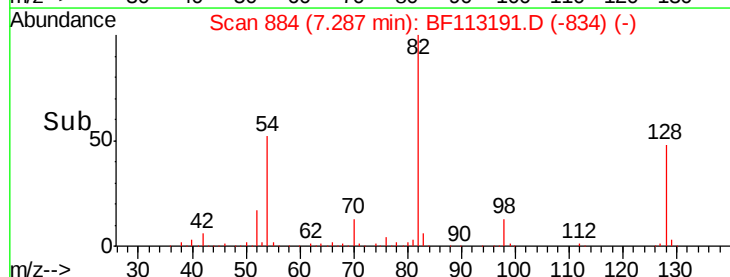
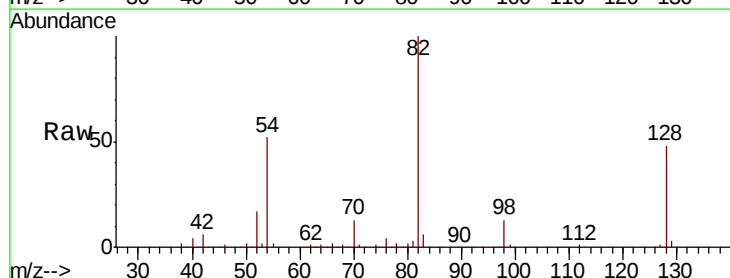
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	431234
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	7.8	7.0 10.6
68	5.6	5.0 7.4



#23
Nitrobenzene-d5
Concen: 96.091 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Tgt Ion: 82	Resp:	692498
Ion Ratio	Lower	Upper
82	100	
128	48.1	37.9 56.9
54	51.7	41.2 61.8

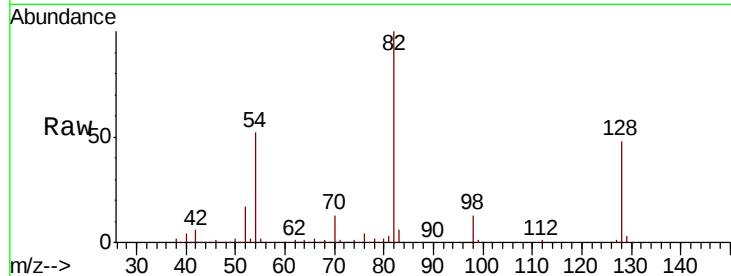




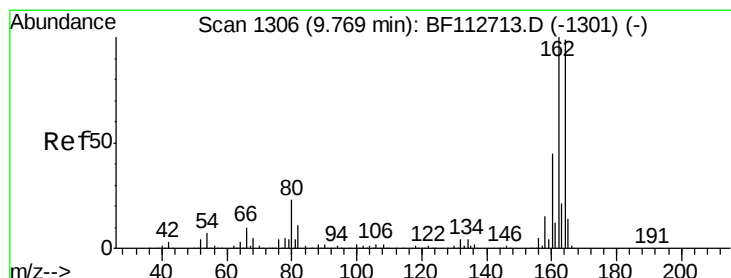
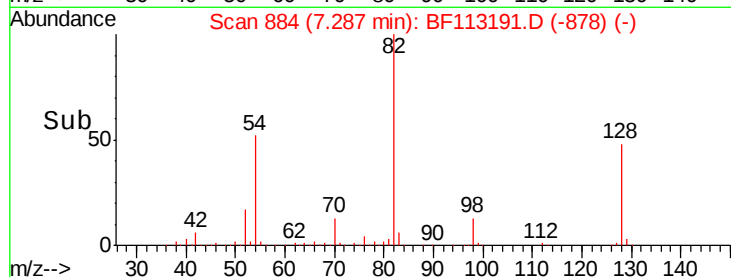
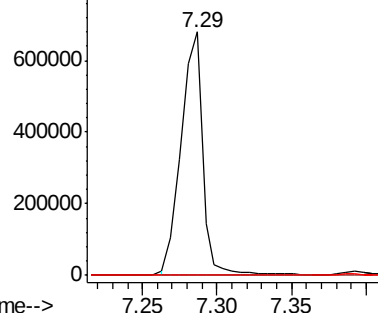
#25
Isophorone
Concen: 43.273 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 671840
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.5 21.7#

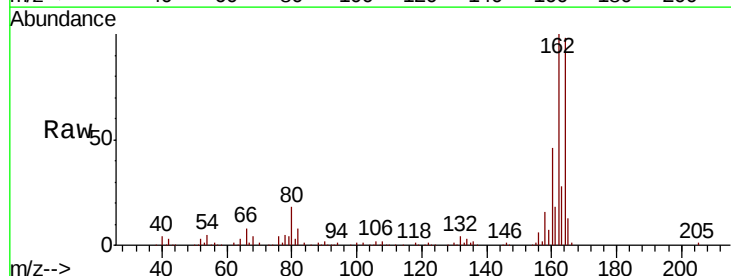


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

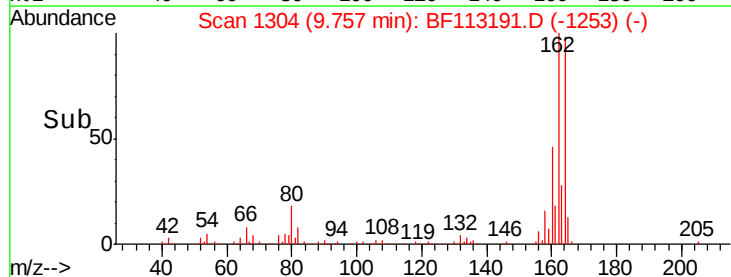
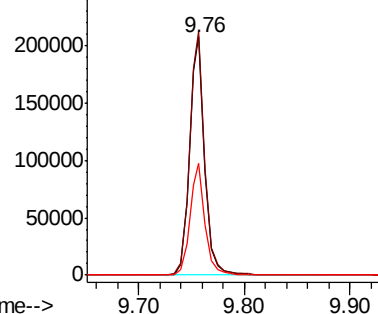


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Tgt Ion:164 Resp: 209933
Ion Ratio Lower Upper
164 100
162 102.2 80.8 121.2
160 46.8 36.2 54.2



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





#42

2,4,6-Tribromophenol

Concen: 158.808 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF113191.D

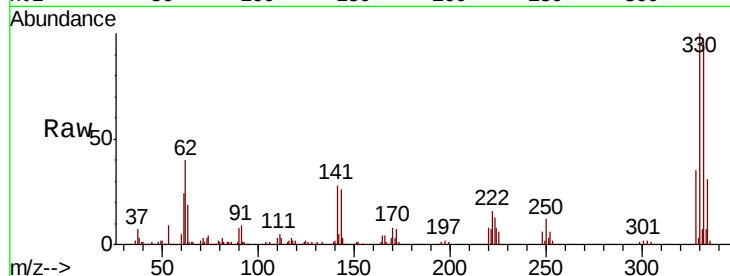
Acq: 21 Mar 2019 1:55

Instrument :

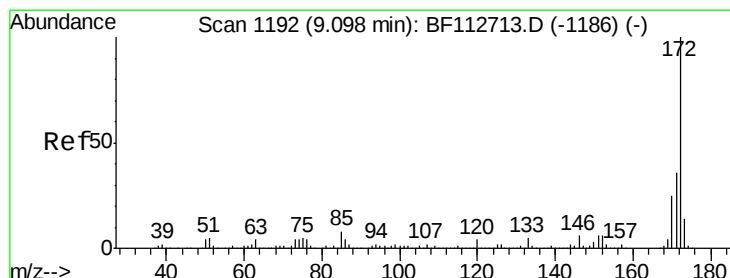
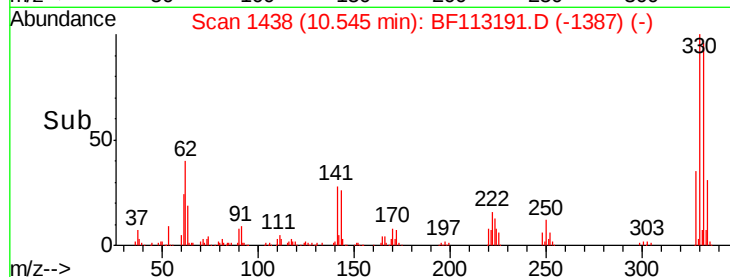
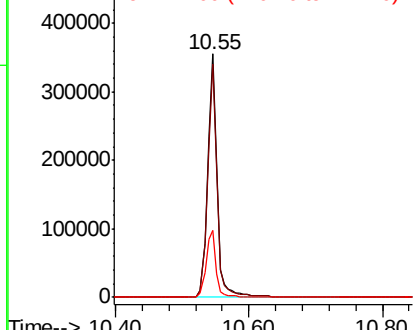
BNA_F

ClientSampleId :

Tot Ion:	330	Resp:	353935
Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.3	114.5
141	28.7	22.3	33.5



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



#45

2-Fluorobiphenyl

Concen: 130.854 ng

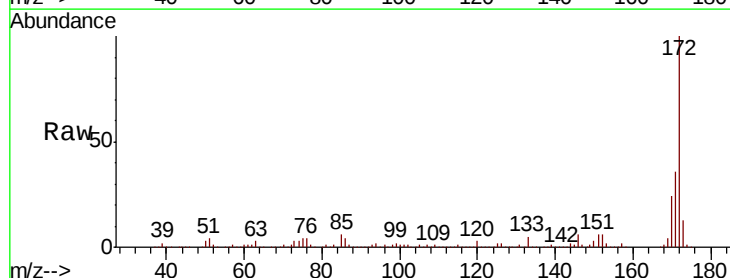
RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

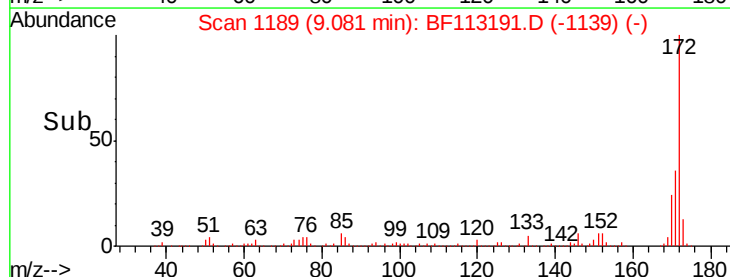
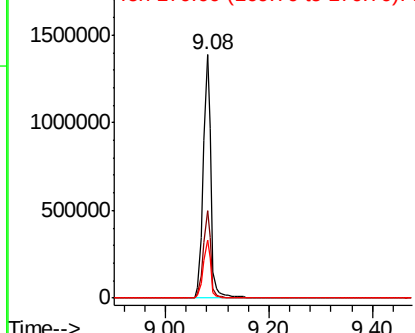
Lab File: BF113191.D

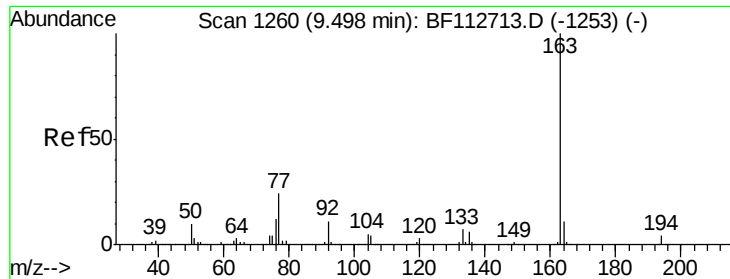
Acq: 21 Mar 2019 1:55

Tgt Ion:	172	Resp:	1427668
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.1	20.1	30.1



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

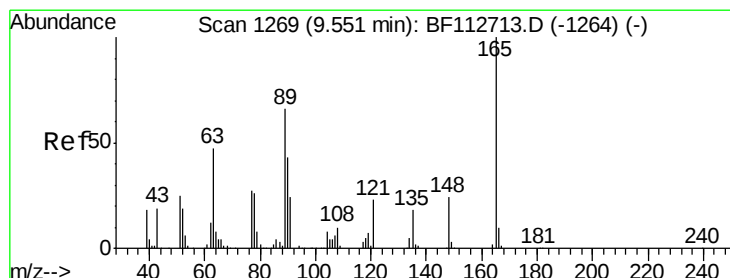
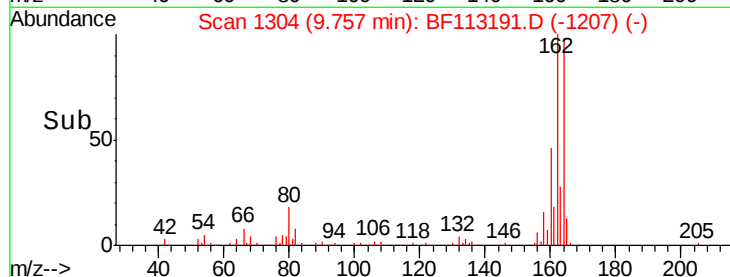
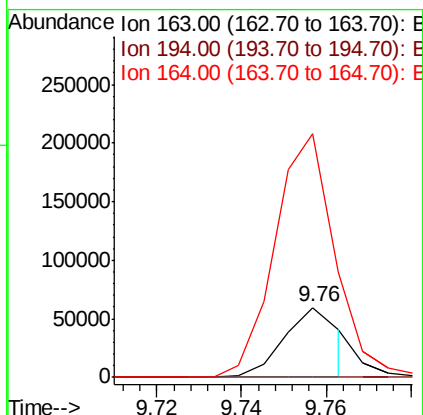
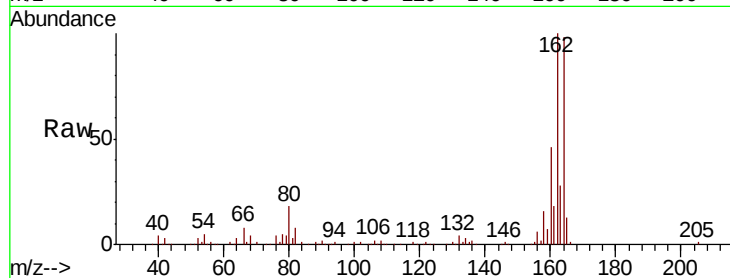




#50
Dimethylphthalate
Concen: 3.474 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.27 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

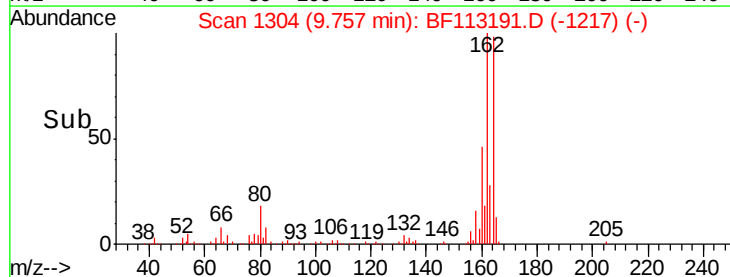
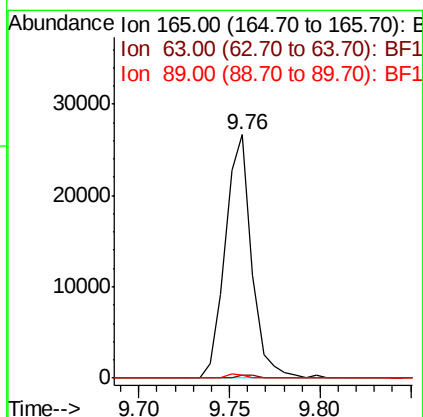
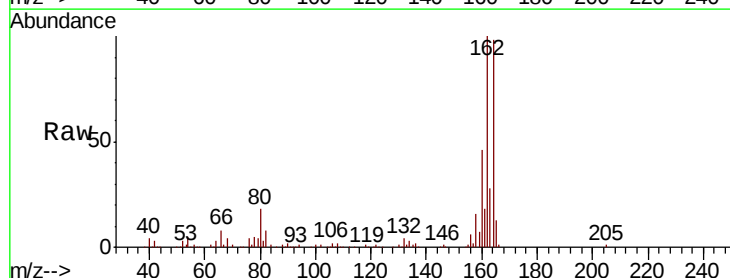
Instrument :
BNA_F
ClientSampled :

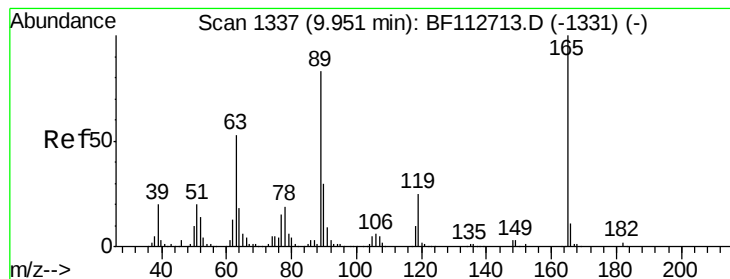
Tot Ion:163 Resp: 53775
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 349.1 8.6 12.8#



#51
2,6-Dinitrotoluene
Concen: 8.358 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF113191.D
Acq: 21 Mar 2019 1:55

Tgt Ion:165 Resp: 26941
Ion Ratio Lower Upper
165 100
63 1.2 45.4 68.2#
89 1.3 43.8 65.6#





#57

2,4-Dinitrotoluene

Concen: 6.724 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.19 min

Lab File: BF113191.D

Acq: 21 Mar 2019 1:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 26941

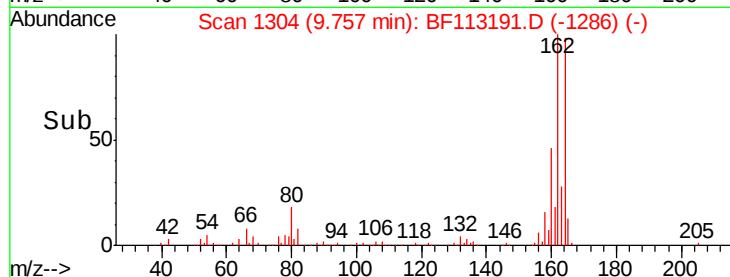
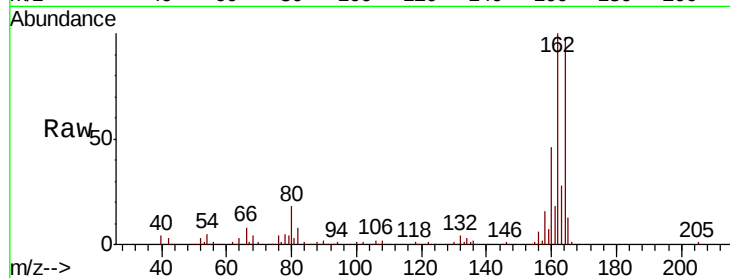
Ion Ratio Lower Upper

165 100

63 1.2 37.9 56.9#

89 1.3 58.5 87.7#

182 0.0 2.2 3.2#

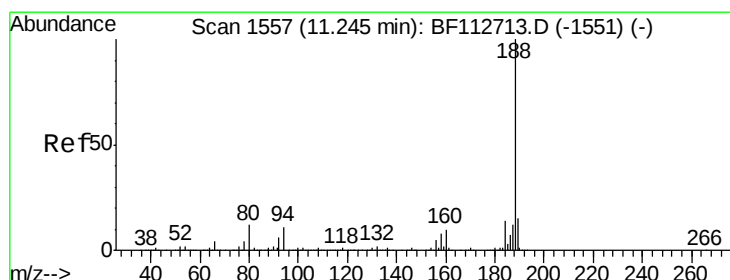
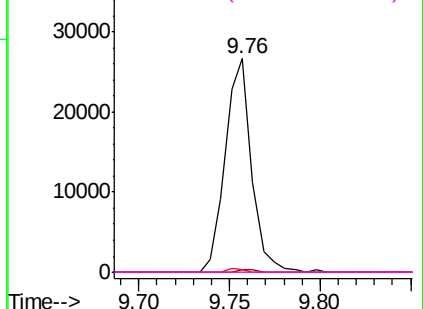


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BF113191.D

Acq: 21 Mar 2019 1:55

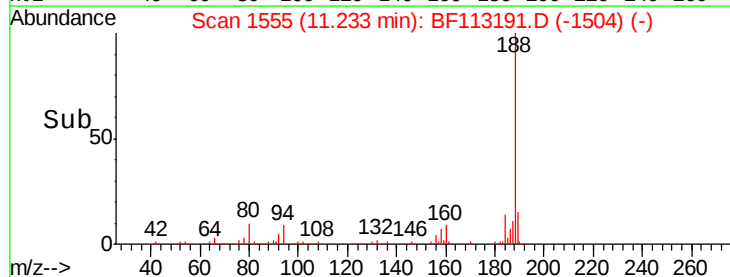
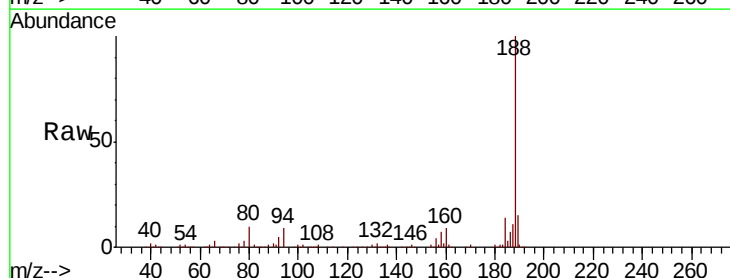
Tgt Ion:188 Resp: 399861

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

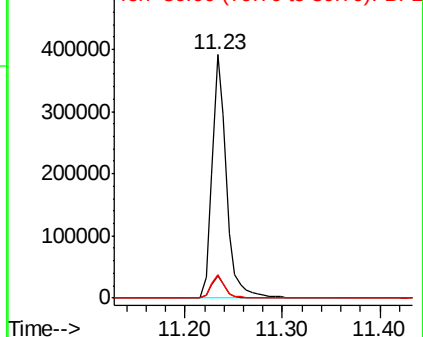
80 9.9 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

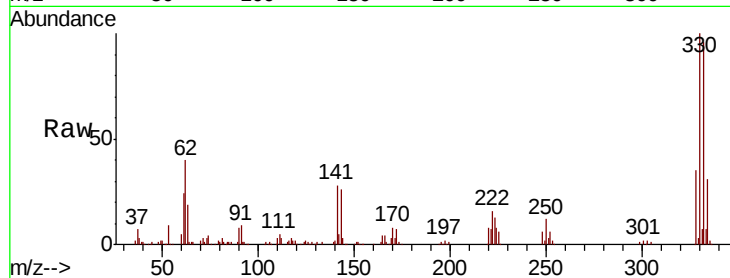




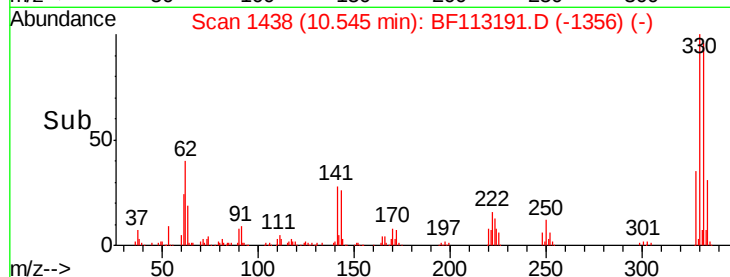
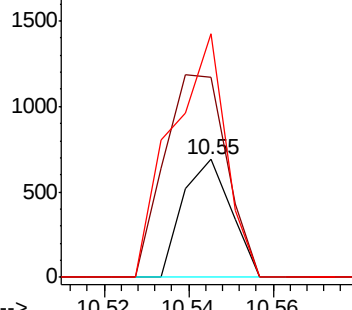
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.914 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.18 min
 Lab File: BF113191.D
 Acq: 21 Mar 2019 1:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 547
 Ion Ratio Lower Upper
 198 100
 51 169.5 25.5 65.5#
 105 206.2 23.2 63.2#

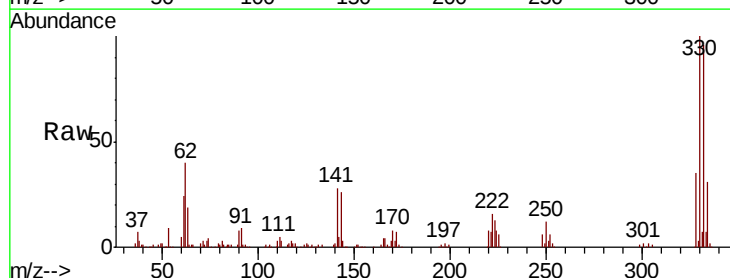


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

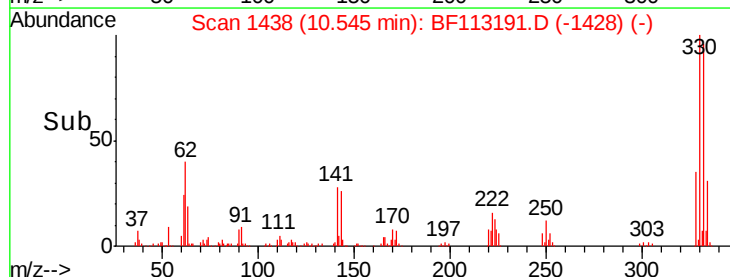
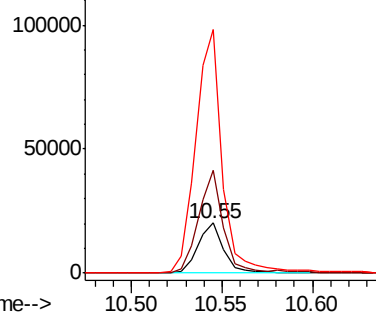


#67
 4-Bromophenyl-phenylether
 Concen: 4.753 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF113191.D
 Acq: 21 Mar 2019 1:55

Tgt Ion:248 Resp: 20017
 Ion Ratio Lower Upper
 248 100
 250 205.2 78.4 117.6#
 141 488.6 45.9 68.9#



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF113191.D

Acq: 21 Mar 2019 1:55

Instrument :

BNA_F

ClientSampleId :

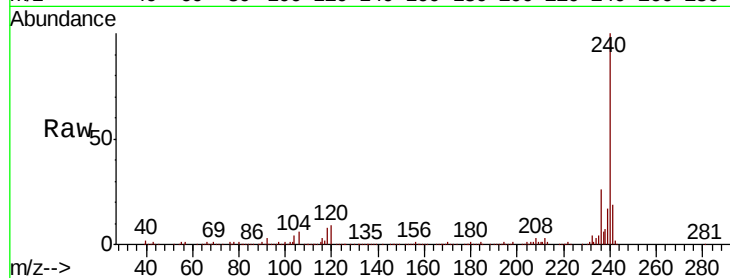
Tot Ion:240 Resp: 354414

Ion Ratio Lower Upper

240 100

120 9.2 8.6 12.8

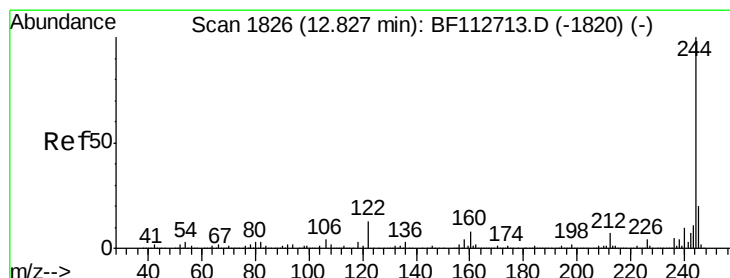
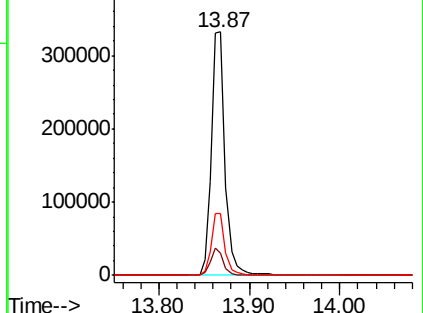
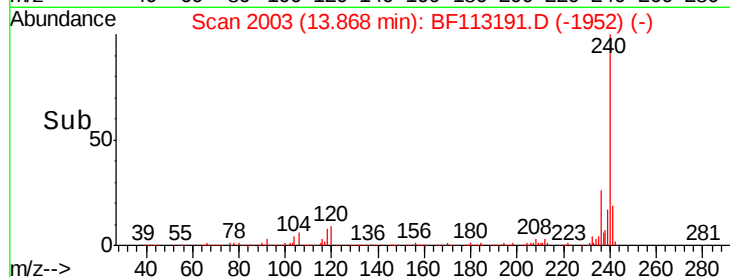
236 25.6 21.2 31.8



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



#79

Terphenyl-d14

Concen: 81.106 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF113191.D

Acq: 21 Mar 2019 1:55

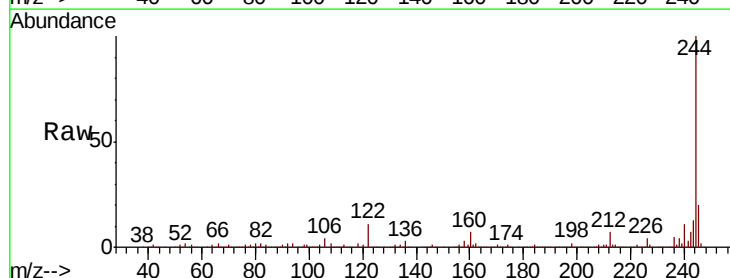
Tgt Ion:244 Resp: 1482862

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

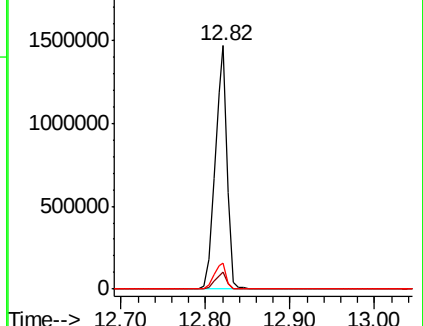
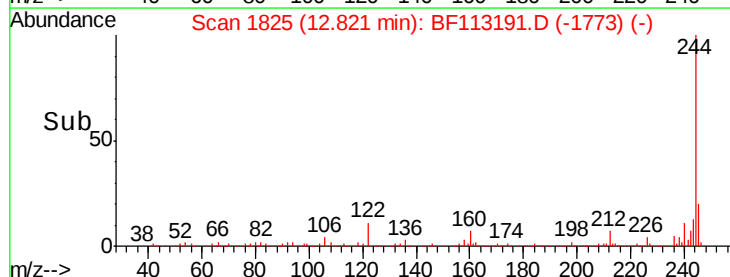
122 10.8 9.4 14.2

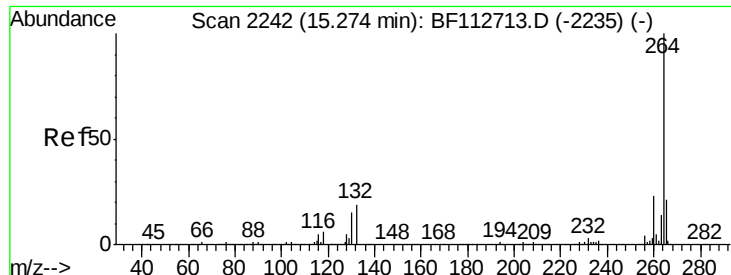


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

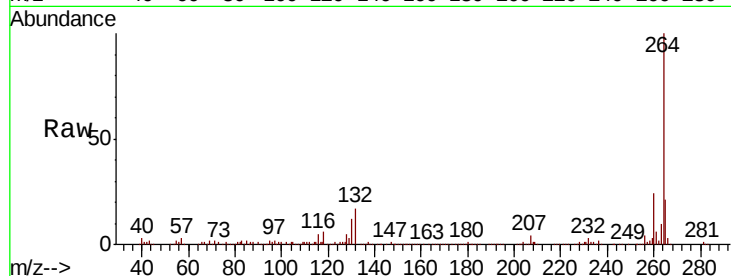




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. 0.01 min
 Lab File: BF113191.D
 Acq: 21 Mar 2019 1:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.7	26.5



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

