

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
 Data File : BF120250.D
 Acq On : 30 Apr 2020 20:12
 Operator : MA/SJ
 Sample : L2441-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 00:43:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 12:39:25 2020
 Response via : Initial Calibration

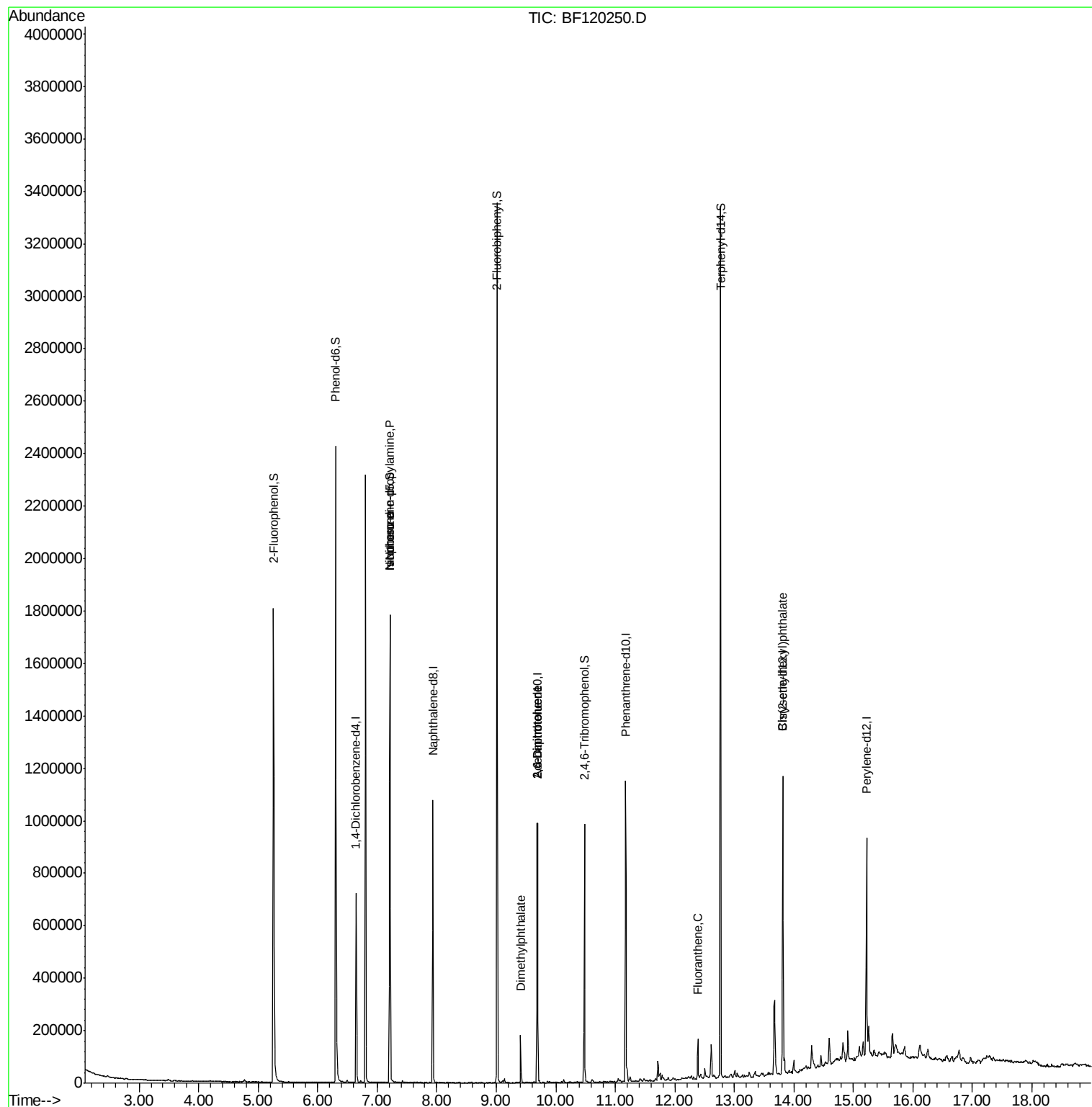
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	108709	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	416992	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	202951	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	401308	20.00	ng	0.00
76) Chrysene-d12	13.82	240	318179	20.00	ng	-0.01
87) Perylene-d12	15.22	264	349290	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	504927	80.27	ng	0.00
7) Phenol-d6	6.30	99	754858	93.13	ng	0.00
23) Nitrobenzene-d5	7.22	82	474993	58.93	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	102434	41.22	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	912597	63.84	ng	0.00
79) Terphenyl-d14	12.77	244	1089963	57.64	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	865	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.22	70	59856	11.484 ng	#	1
25) Isophorone	7.22	82	474988	30.569 ng	#	77
50) Dimethylphthalate	9.42	163	72014	4.587 ng	#	65
51) 2,6-Dinitrotoluene	9.69	165	26093	7.590 ng	#	99
57) 2,4-Dinitrotoluene	9.69	165	26093	5.761 ng	#	26
75) Fluoranthene	12.39	202	57022	2.474 ng	#	20
84) Bis(2-ethylhexyl)phthalate	13.81	149	46267	2.625 ng	#	98
						100

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

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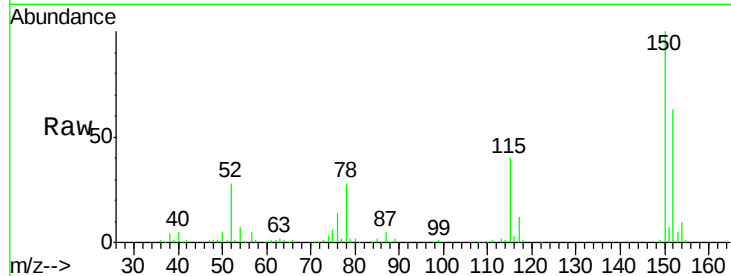


#1

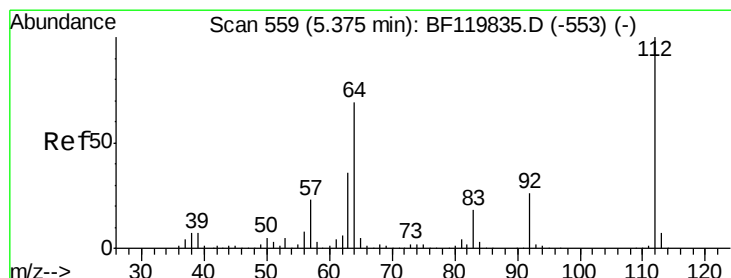
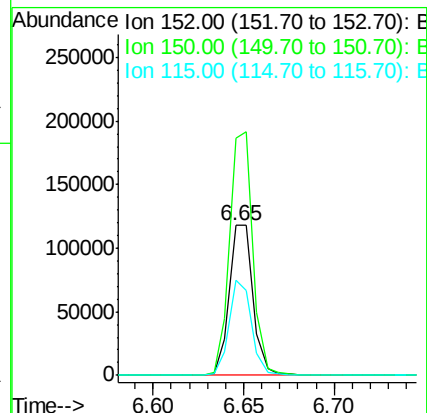
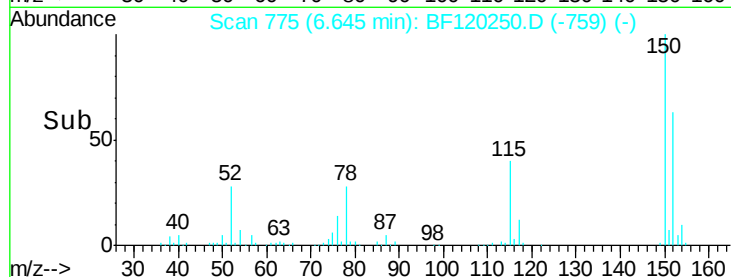
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF120250.D
Acq: 30 Apr 2020 20:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 108709
Ion Ratio Lower Upper
152 100
150 157.9 124.5 186.7
115 63.4 49.6 74.4



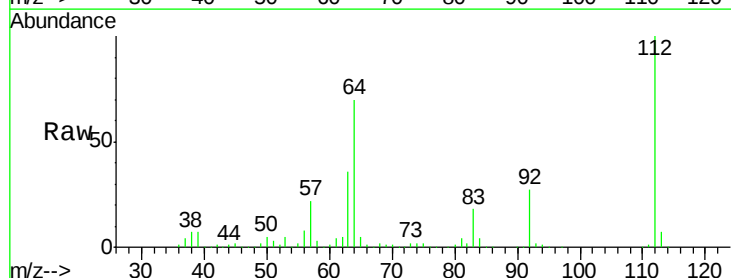
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



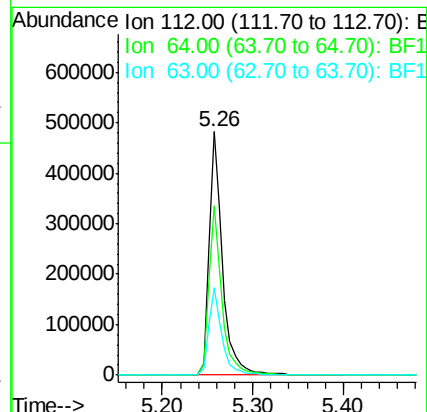
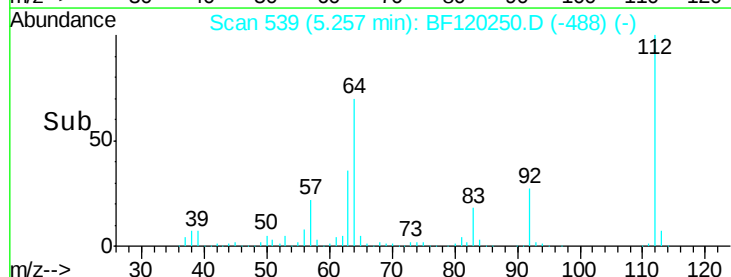
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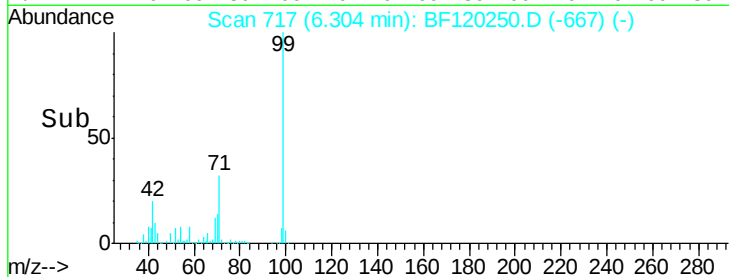
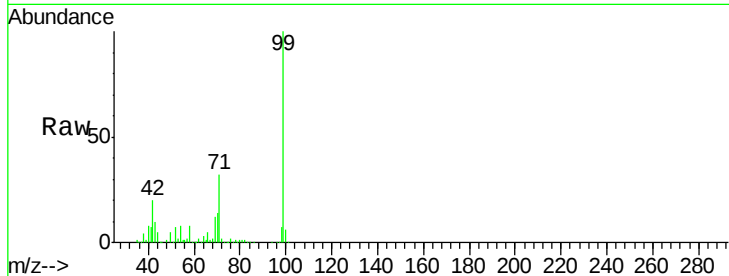
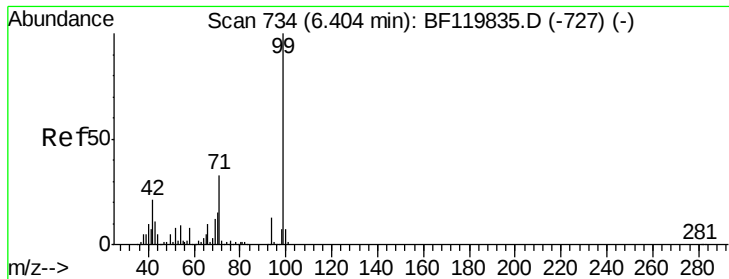
2-Fluorophenol
Concen: 80.270 ng
RT: 5.26 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF120250.D
Acq: 30 Apr 2020 20:12

Tgt Ion:112 Resp: 504927
Ion Ratio Lower Upper
112 100
64 69.5 56.7 85.1
63 35.7 29.5 44.3



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: 93.130 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF120250.D

Acq: 30 Apr 2020 20:12

Instrument :

BNA_F

ClientSampleId :

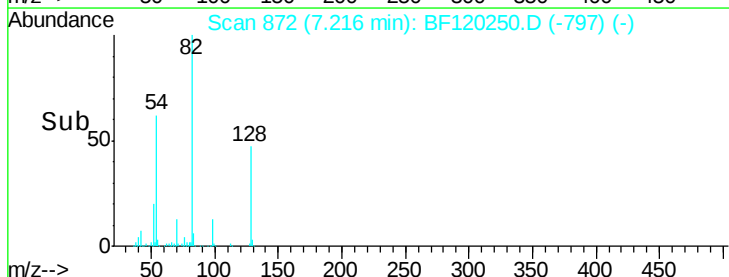
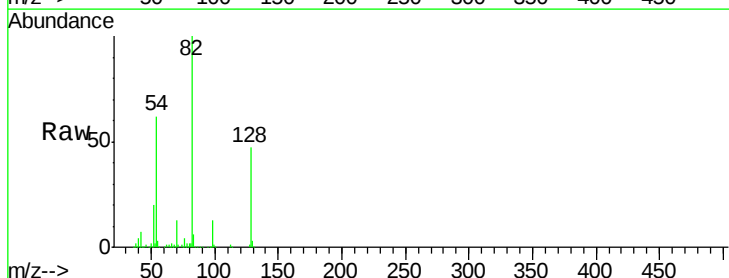
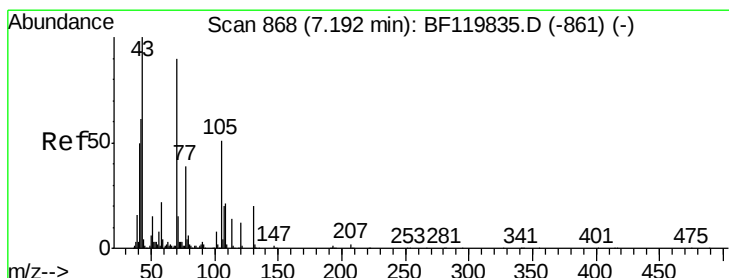
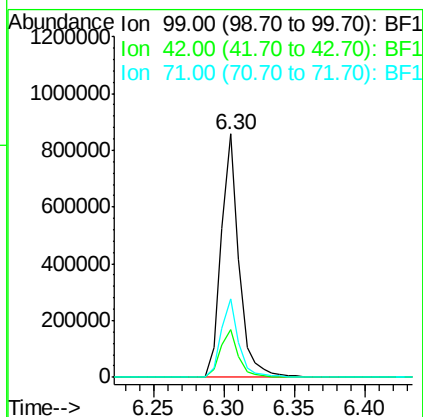
Tot Ion: 99 Resp: 754858

Ion Ratio Lower Upper

99 100

42 19.6 16.6 24.8

71 32.2 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 11.484 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.14 min

Lab File: BF120250.D

Acq: 30 Apr 2020 20:12

Tgt Ion: 70 Resp: 59856

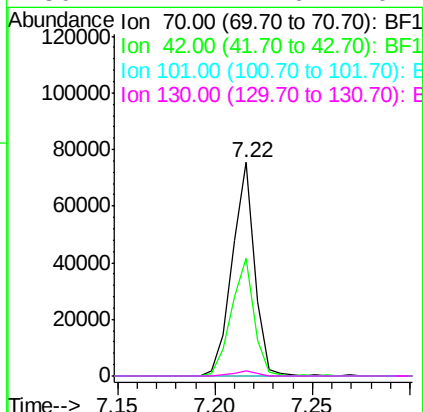
Ion Ratio Lower Upper

70 100

42 55.1 54.5 81.7

101 0.0 7.6 11.4#

130 2.4 17.6 26.4#

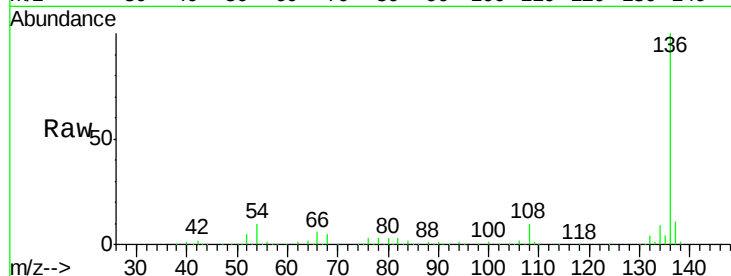




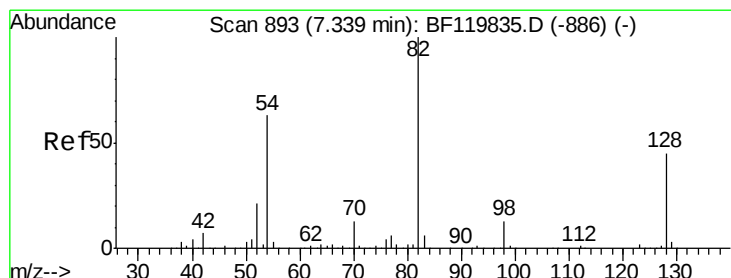
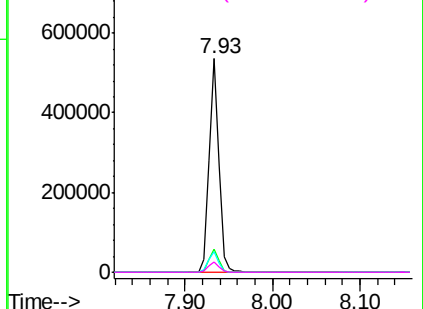
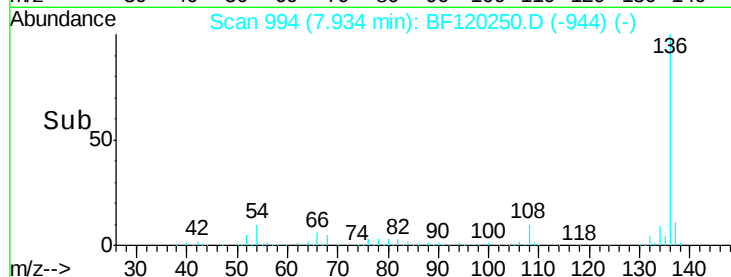
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF120250.D
Acq: 30 Apr 2020 20:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	416992
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.7 13.1
54	9.8	9.1 13.7
68	5.1	4.6 6.8

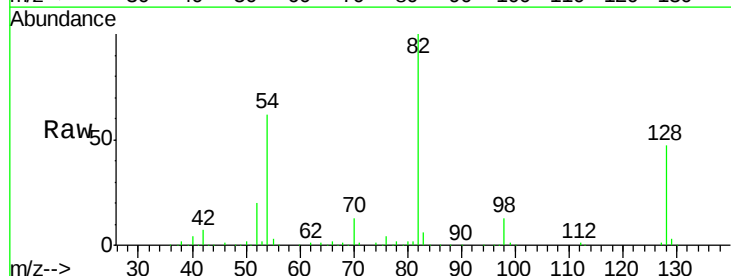


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

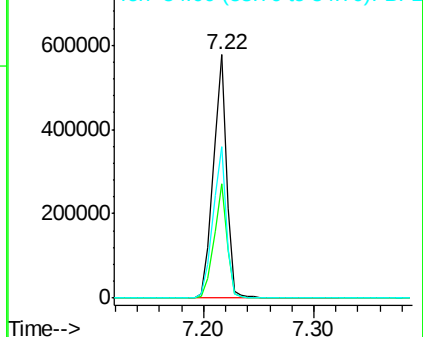
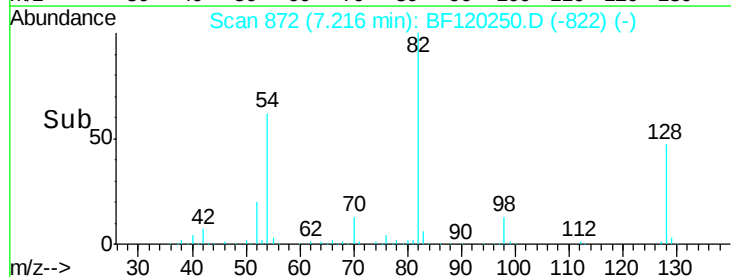


#23
Nitrobenzene-d5
Concen: 58.929 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF120250.D
Acq: 30 Apr 2020 20:12

Tgt Ion: 82	Resp:	474993
Ion	Ratio	Lower Upper
82	100	
128	47.2	36.3 54.5
54	62.0	50.6 75.8



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





#25

Isophorone

Concen: 30.569 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.26 min

Lab File: BF120250.D

Acq: 30 Apr 2020 20:12

Instrument :

BNA_F

ClientSampleId :

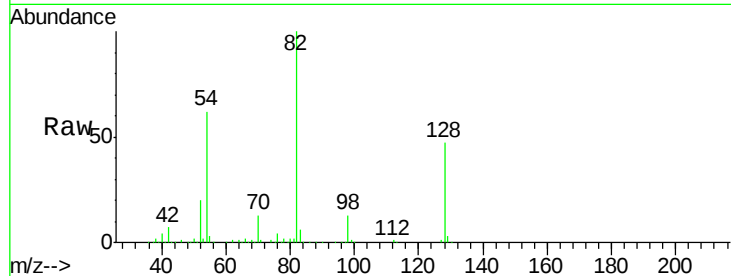
Tot Ion: 82 Resp: 474988

Ion Ratio Lower Upper

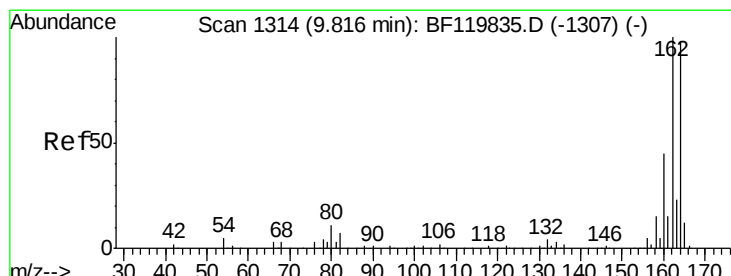
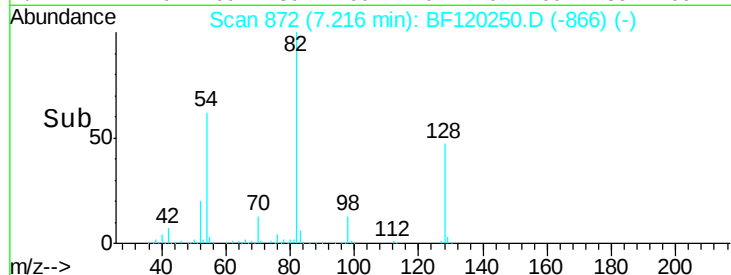
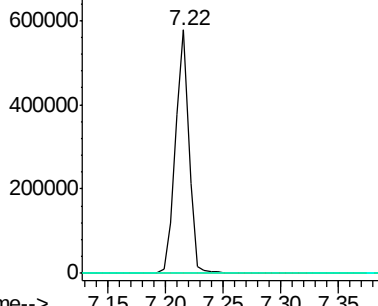
82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



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: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120250.D

Acq: 30 Apr 2020 20:12

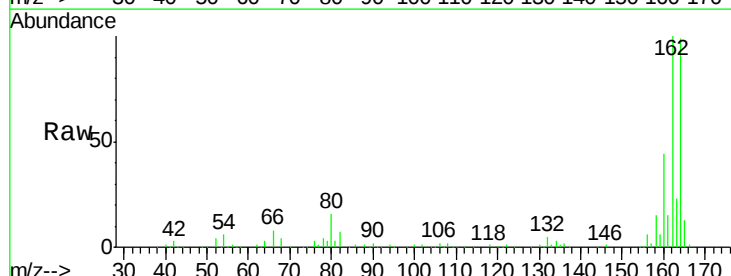
Tgt Ion: 164 Resp: 202951

Ion Ratio Lower Upper

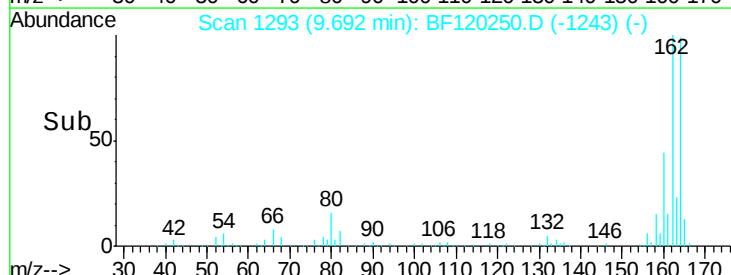
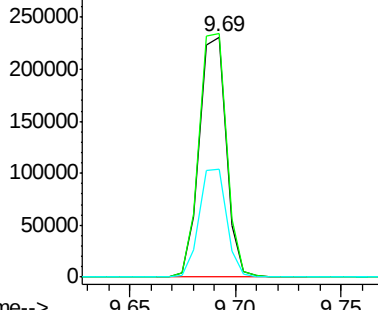
164 100

162 101.4 80.6 121.0

160 44.8 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

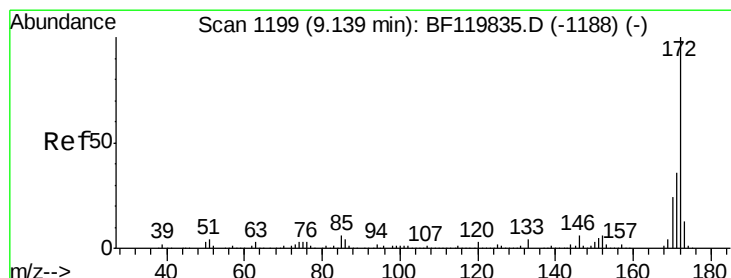
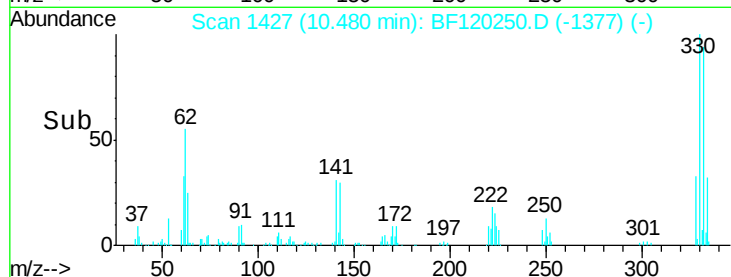
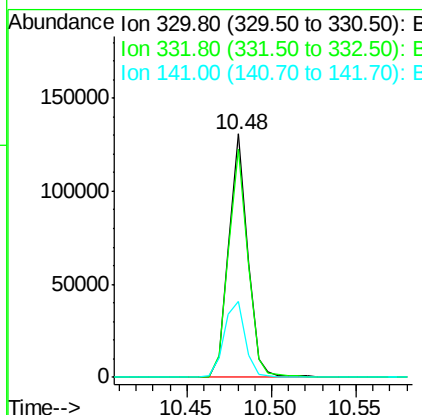
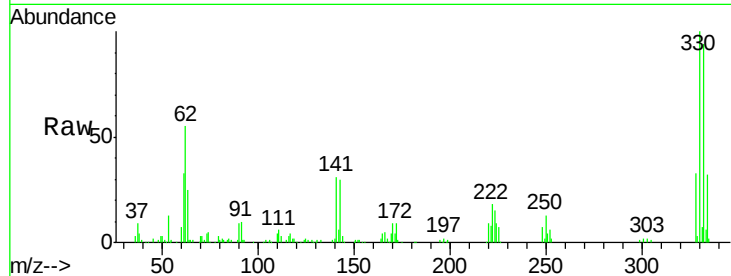




#42
 2,4,6-Tribromophenol
 Concen: 41.224 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF120250.D
 Acq: 30 Apr 2020 20:12

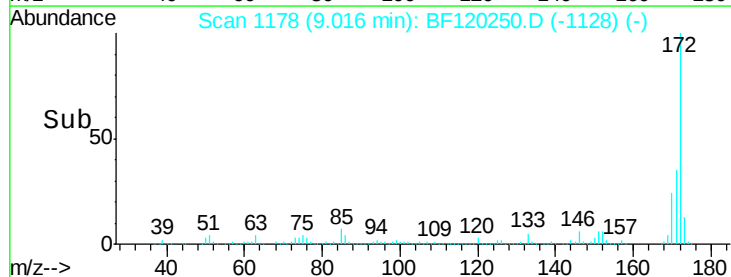
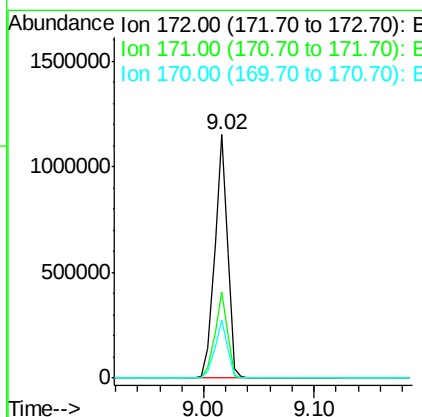
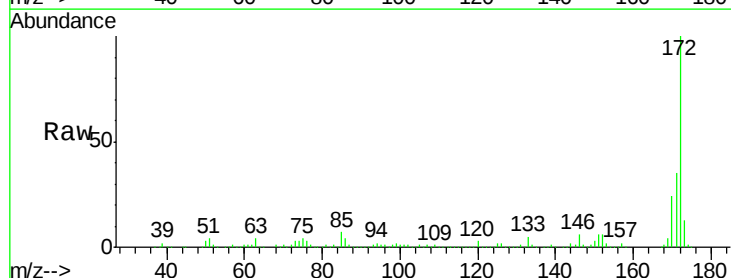
Instrument :
 BNA_F
 ClientSampleId :

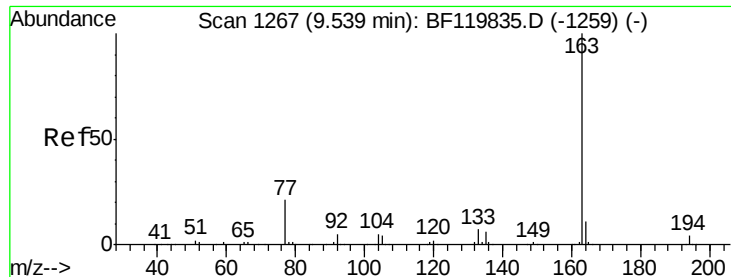
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.7	113.5
141	35.1	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 63.842 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF120250.D
 Acq: 30 Apr 2020 20:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.6	20.2	30.2

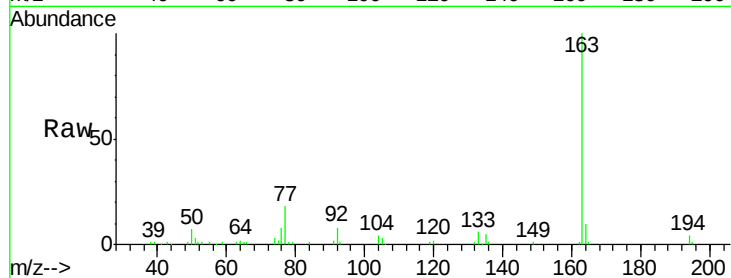




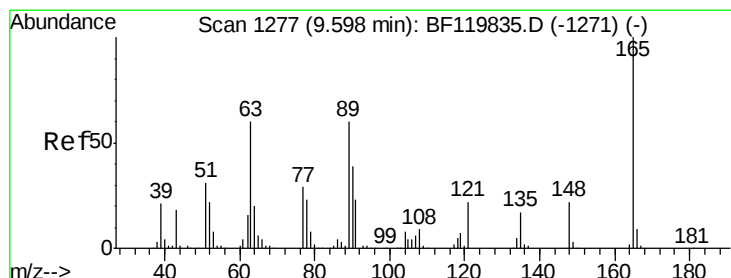
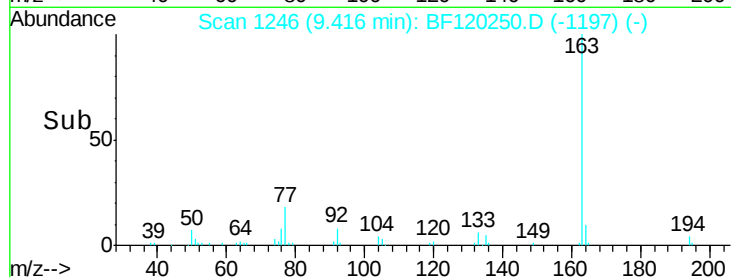
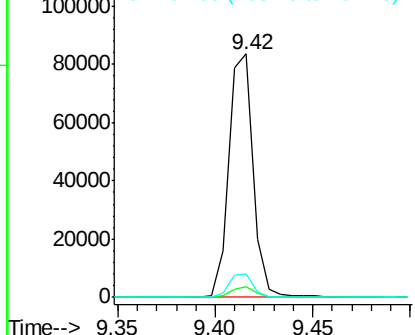
#50
Dimethylphthalate
Concen: 4.587 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BF120250.D
Acq: 30 Apr 2020 20:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 72014
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 9.8 8.2 12.2

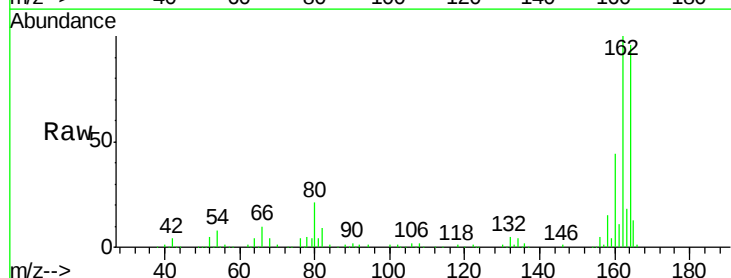


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

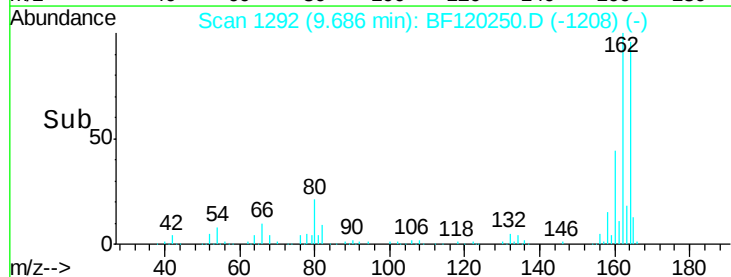
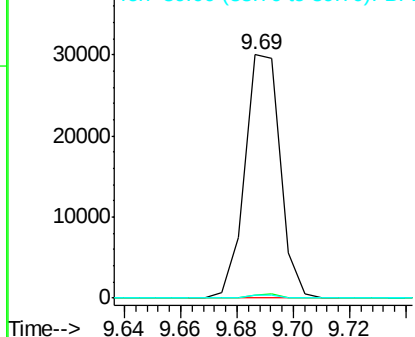


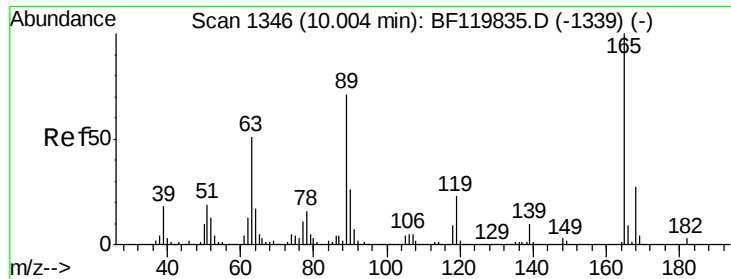
#51
2,6-Dinitrotoluene
Concen: 7.590 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.19 min
Lab File: BF120250.D
Acq: 30 Apr 2020 20:12

Tgt Ion:165 Resp: 26093
Ion Ratio Lower Upper
165 100
63 1.3 45.0 67.4#
89 1.5 41.5 62.3#



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

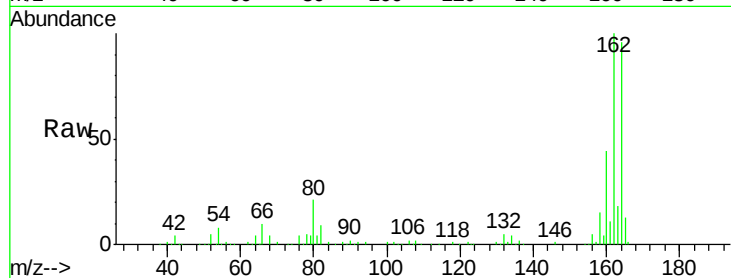




#57
 2,4-Dinitrotoluene
 Concen: 5.761 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.21 min
 Lab File: BF120250.D
 Acq: 30 Apr 2020 20:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.6	64.0#
89	1.5	61.0	91.4#
182	0.0	2.2	3.2#

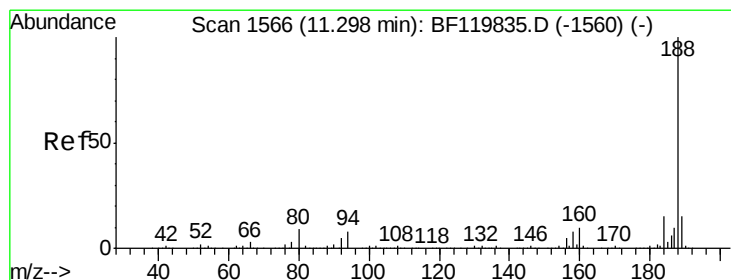
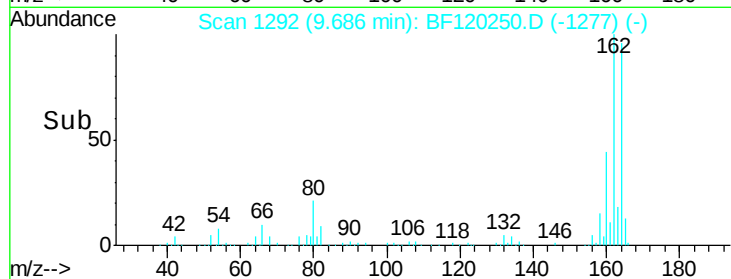
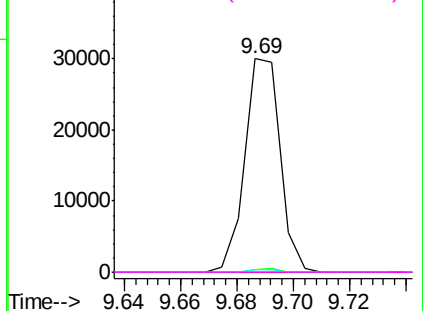


Abundance Ion 165.00 (164.70 to 165.70): E

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



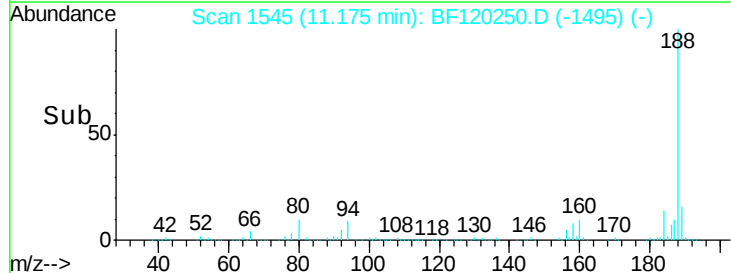
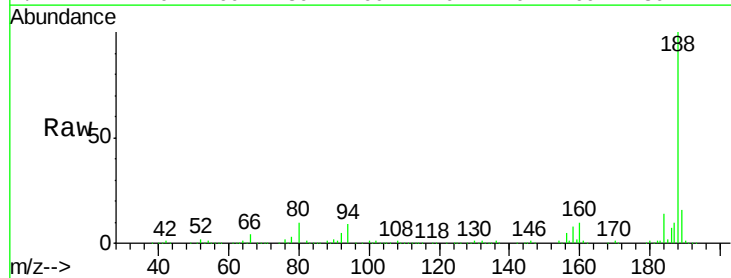
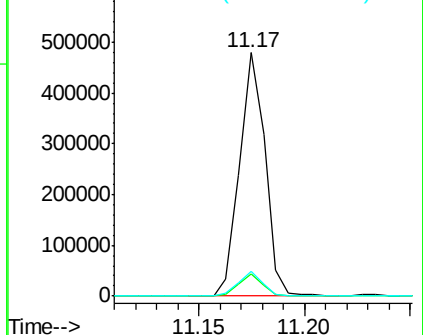
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF120250.D
 Acq: 30 Apr 2020 20:12

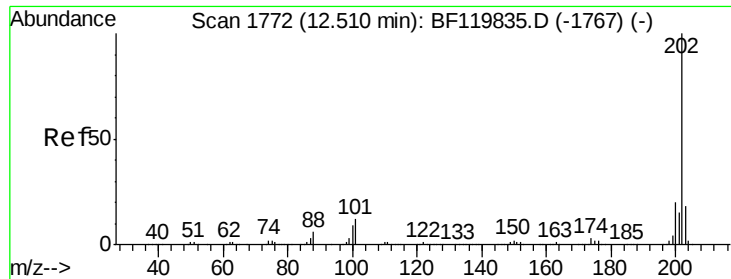
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	10.1	9.0	13.4

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

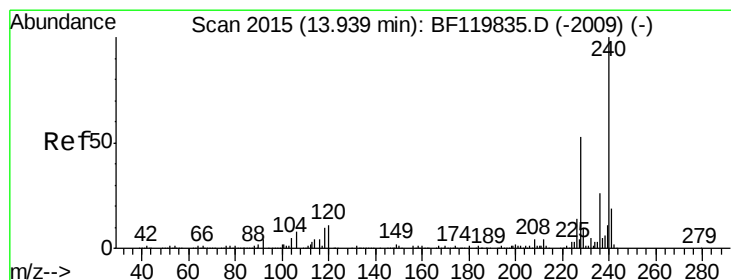
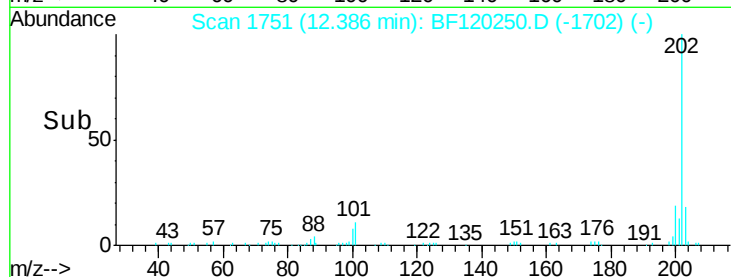
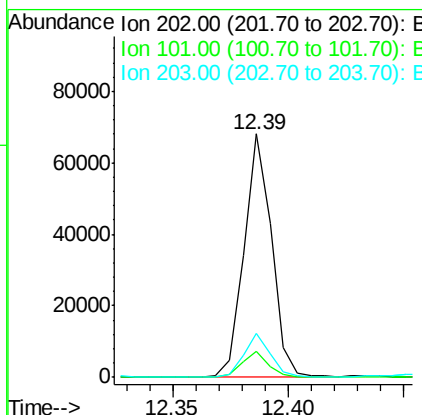
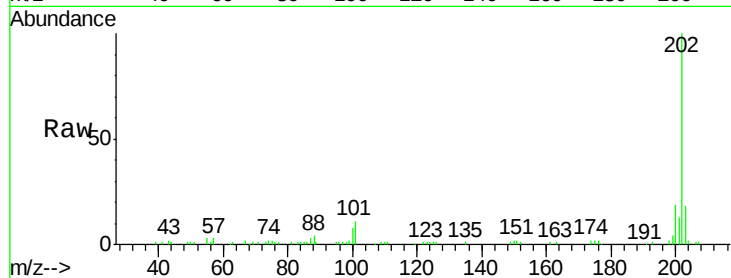




#75
 Fluoranthene
 Concen: 2.474 ng
 RT: 12.39 min Scan# 1751
 Delta R.T. -0.01 min
 Lab File: BF120250.D
 Acq: 30 Apr 2020 20:12

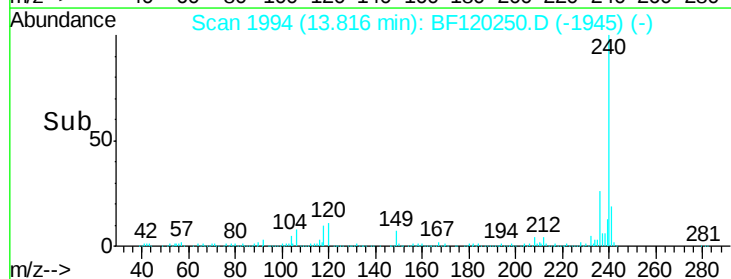
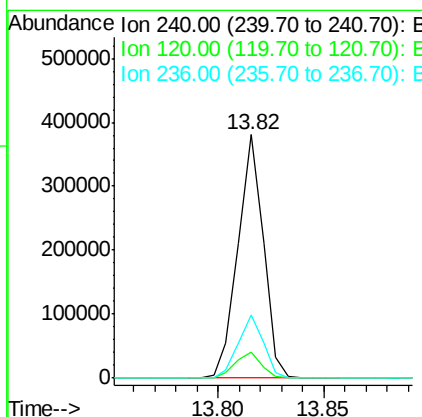
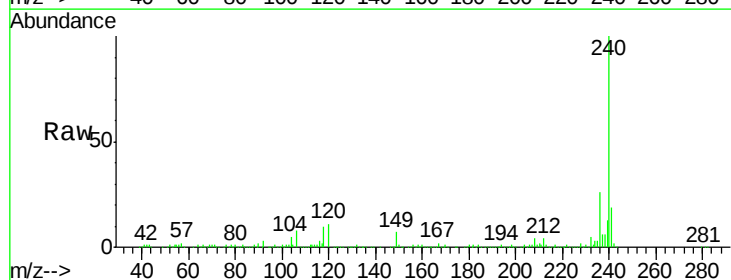
Instrument :
 BNA_F
 ClientSampleId :

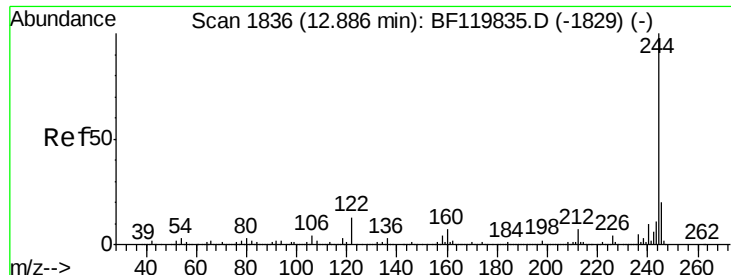
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	32.2
203	18.0	0.0	38.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF120250.D
 Acq: 30 Apr 2020 20:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.6	15.8
236	25.9	20.2	30.2





#79

Terphenyl-d14

Concen: 57.641 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120250.D

Acq: 30 Apr 2020 20:12

Instrument :

BNA_F

ClientSampleId :

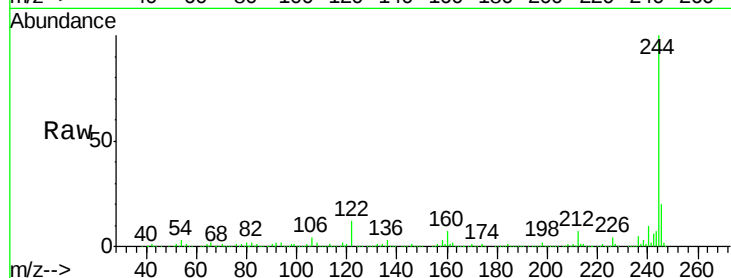
Tot Ion:244 Resp: 1089963

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

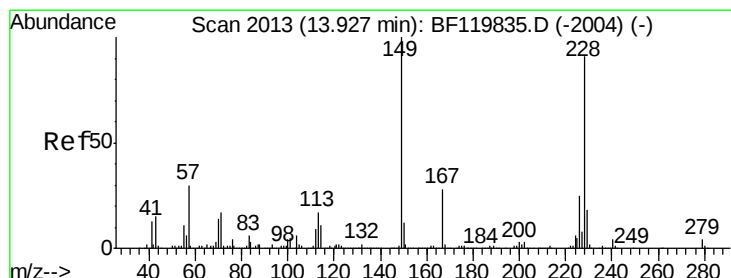
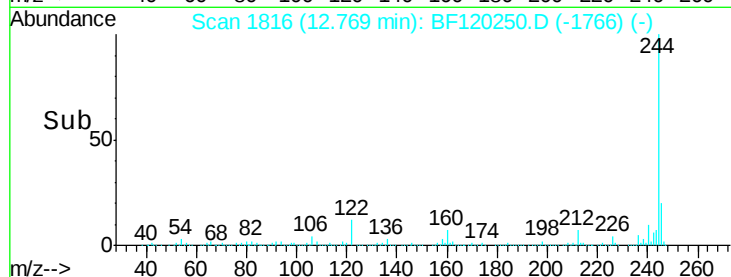
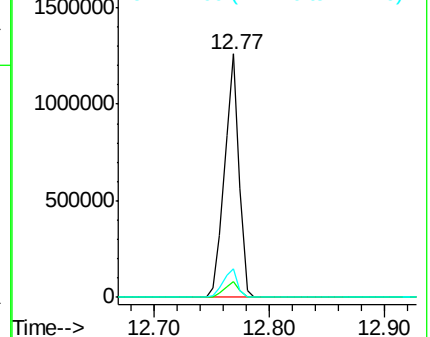
122 11.7 10.3 15.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.625 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF120250.D

Acq: 30 Apr 2020 20:12

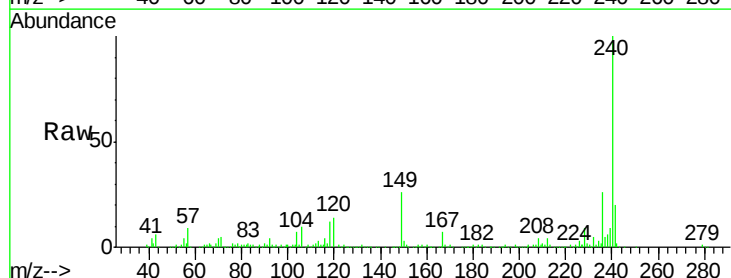
Tgt Ion:149 Resp: 46267

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

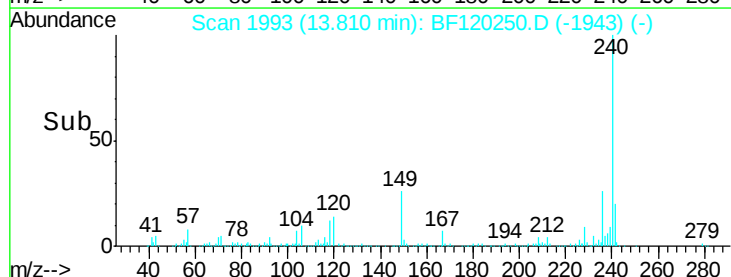
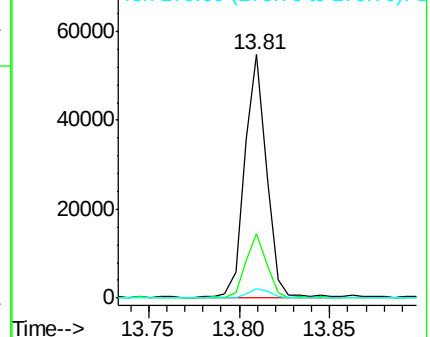
279 4.1 2.7 4.1#

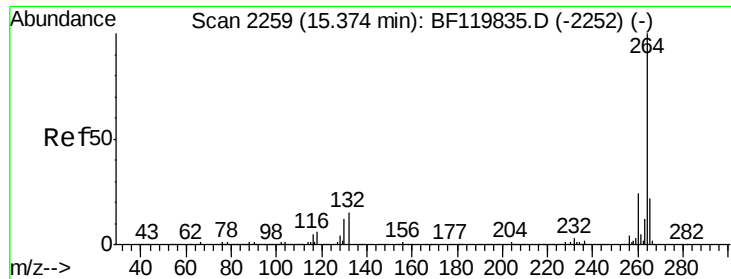


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

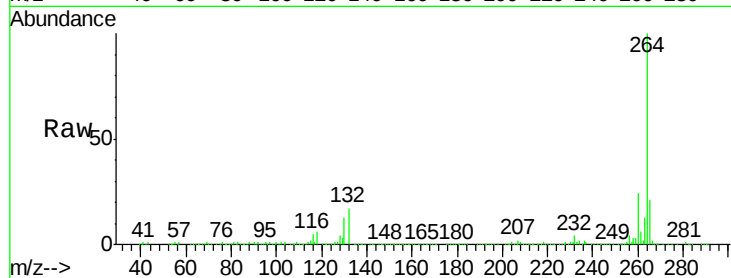




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF120250.D
 Acq: 30 Apr 2020 20:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
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

