

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF050120\
 Data File : BF120258.D
 Acq On : 1 May 2020 15:11
 Operator : MA/SJ
 Sample : PB128596BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128596BL

Quant Time: May 01 15:41:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 15:26:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	127583	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	486826	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	245861	20.00	ng	-0.01
64) Phenanthrene-d10	11.17	188	526089	20.00	ng	0.00
76) Chrysene-d12	13.82	240	455772	20.00	ng	-0.01
87) Perylene-d12	15.22	264	418358	20.00	ng	0.00

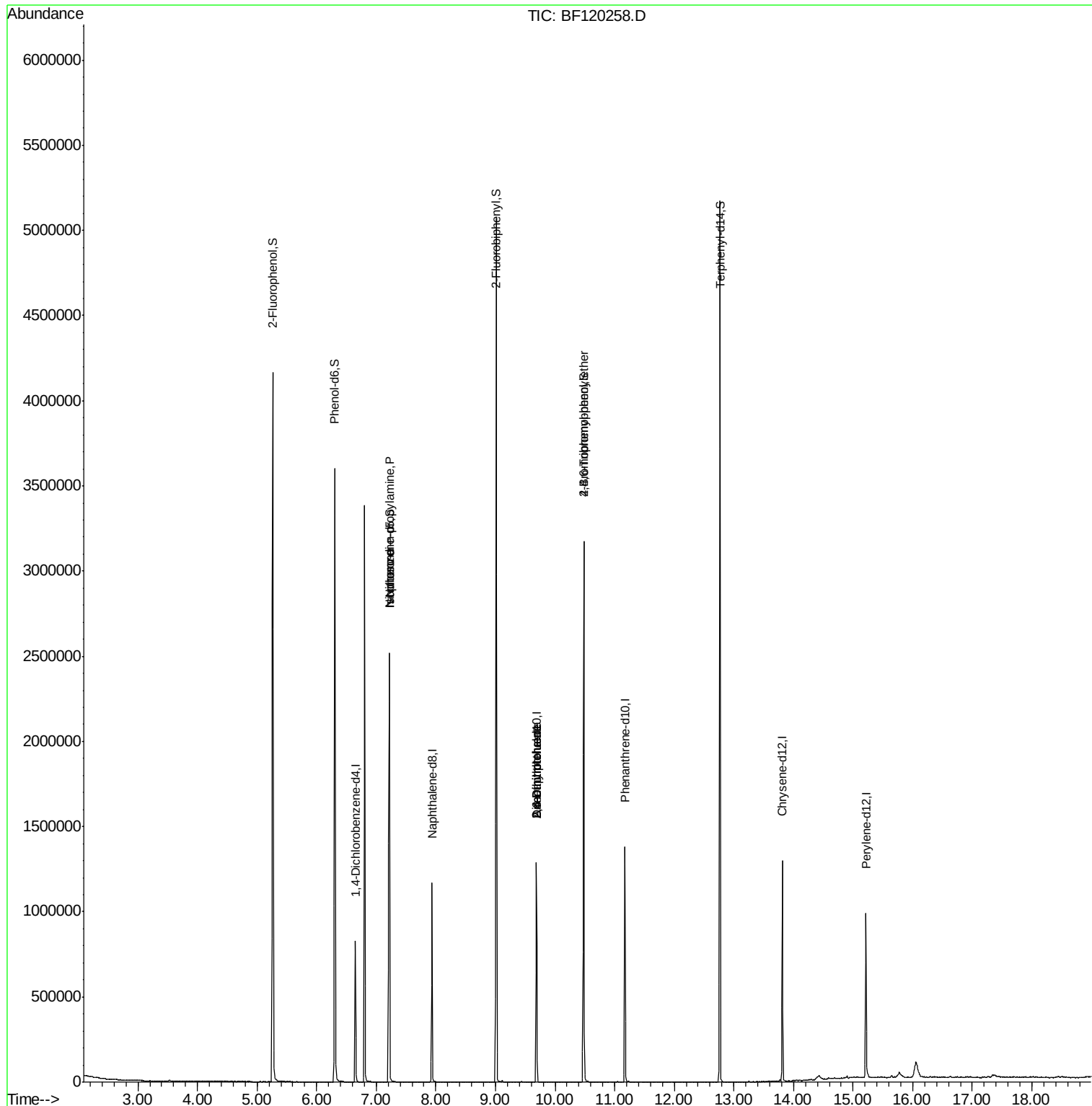
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1098486	148.80	ng	0.00
7) Phenol-d6	6.30	99	1381183	145.19	ng	-0.01
23) Nitrobenzene-d5	7.22	82	857162	91.09	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	391471	130.05	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1655396	95.59	ng	0.00
79) Terphenyl-d14	12.77	244	2124823	78.45	ng	0.00

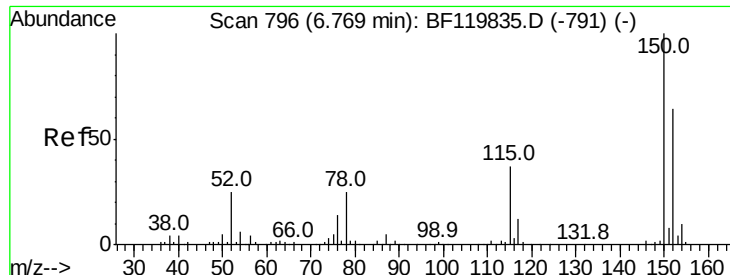
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.31	77	1580	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.22	70	113411	18.540	ng	# 75
25) Isophorone	7.22	82	851110	46.918	ng	# 65
50) Dimethylphthalate	9.69	163	54621	2.872	ng	# 1
51) 2,6-Dinitrotoluene	9.69	165	31363	7.531	ng	# 26
57) 2,4-Dinitrotoluene	9.69	165	31363	5.716	ng	# 20
67) 4-Bromophenyl-phenylether	10.48	248	23981	3.665	ng	# 1

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

```
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF050120\  
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Acq On    : 1 May 2020 15:11  
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Misc      :  
ALS Vial  : 3      Sample Multiplier: 1
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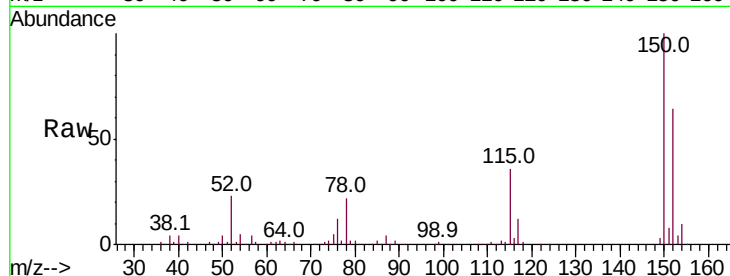


#1

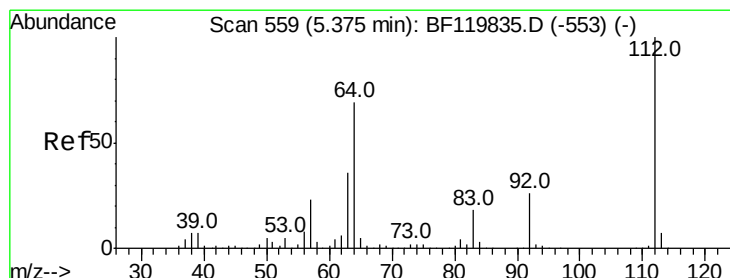
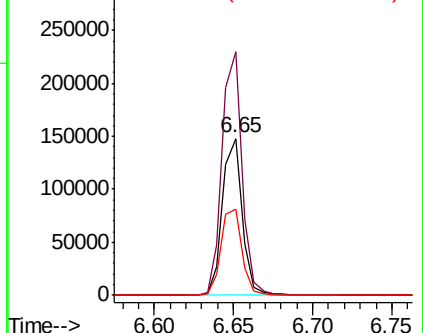
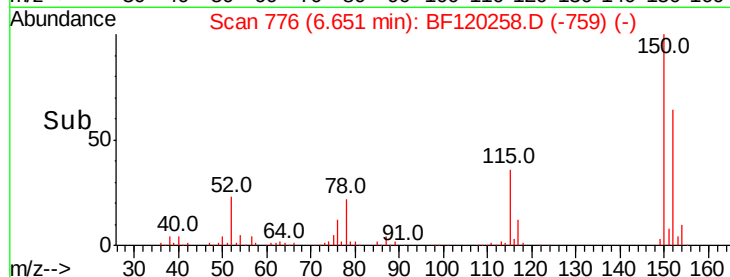
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF120258.D
Acq: 1 May 2020 15:11

Instrument :
BNA_F
ClientSampleId :
PB128596BL

Tot Ion:152 Resp: 127583
Ion Ratio Lower Upper
152 100
150 155.1 124.5 186.7
115 55.3 49.6 74.4



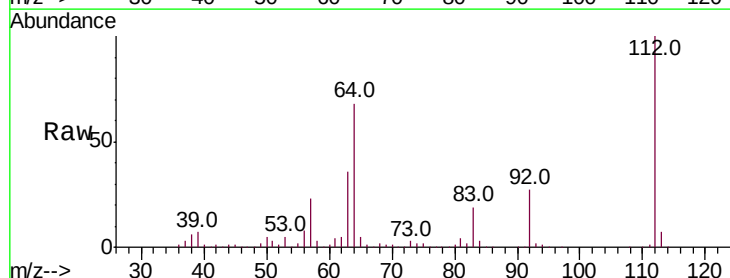
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



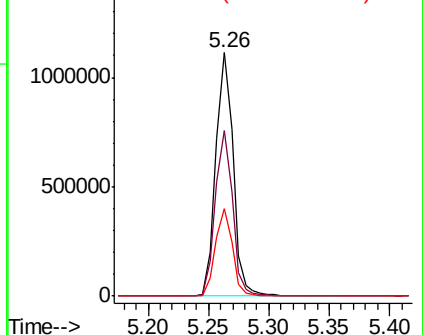
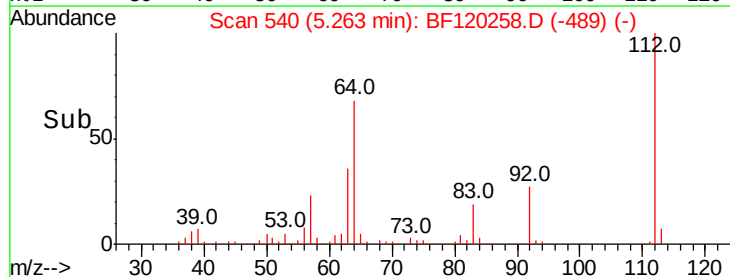
#5

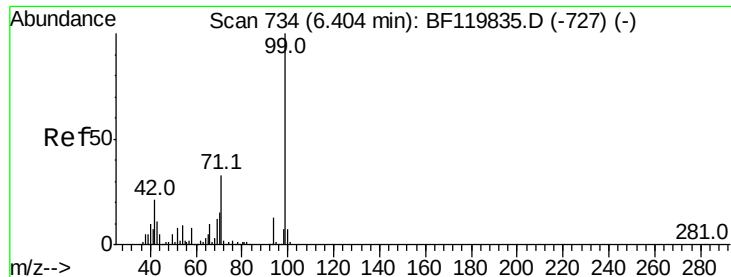
2-Fluorophenol
Concen: 148.796 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF120258.D
Acq: 1 May 2020 15:11

Tgt Ion:112 Resp: 1098486
Ion Ratio Lower Upper
112 100
64 68.1 56.7 85.1
63 35.9 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: 145.194 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF120258.D

Acq: 1 May 2020 15:11

Instrument :

BNA_F

ClientSampleId :

PB128596BL

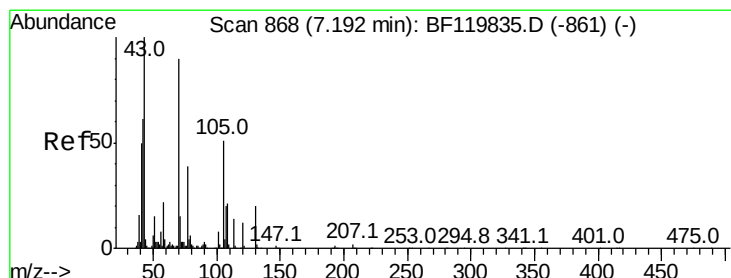
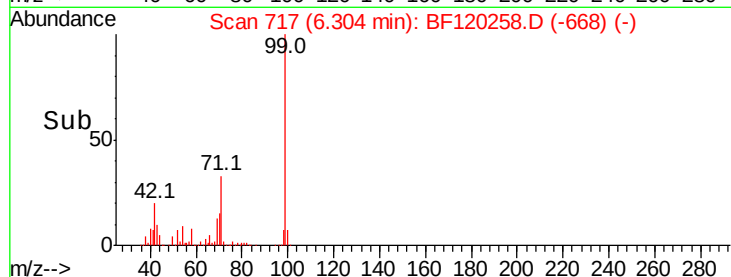
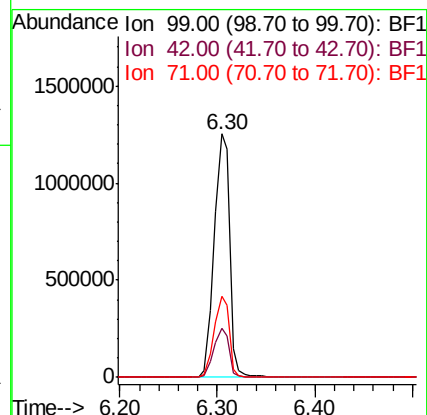
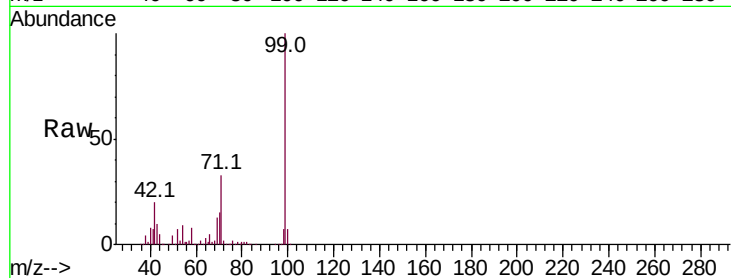
Tot Ion: 99 Resp: 1381183

Ion Ratio Lower Upper

99 100

42 20.3 16.6 24.8

71 33.2 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.540 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.14 min

Lab File: BF120258.D

Acq: 1 May 2020 15:11

Tgt Ion: 70 Resp: 113411

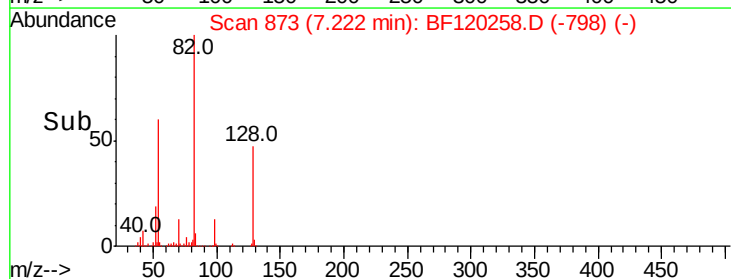
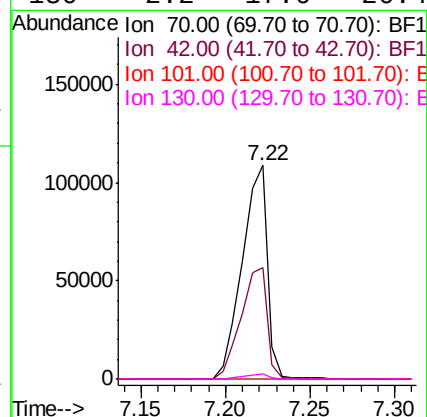
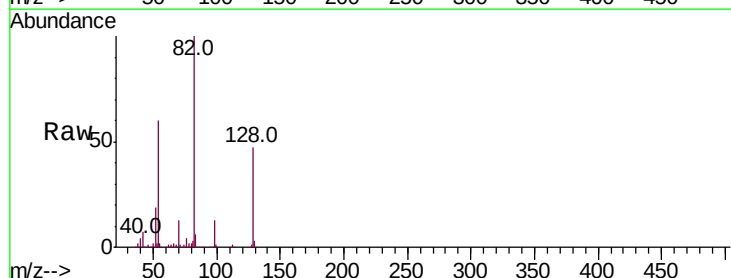
Ion Ratio Lower Upper

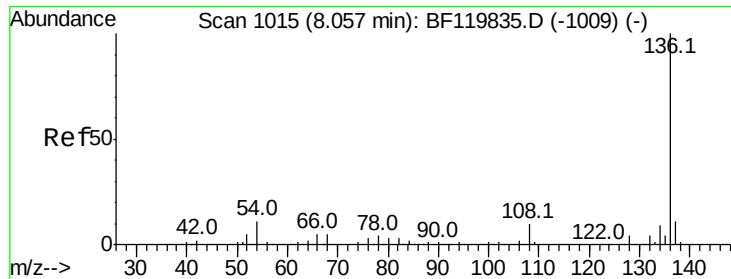
70 100

42 52.4 54.5 81.7#

101 0.0 7.6 11.4#

130 2.2 17.6 26.4#

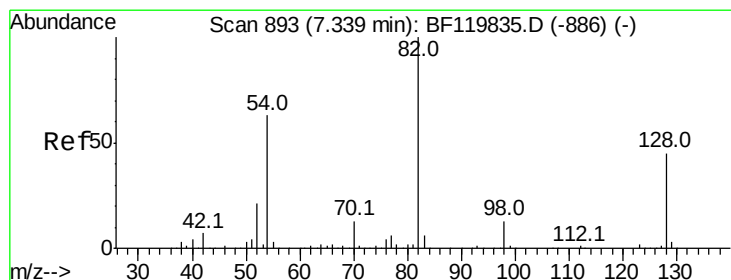
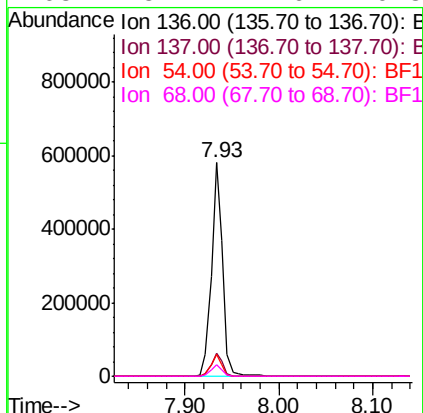
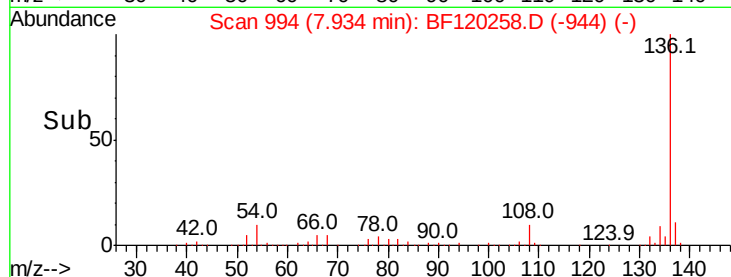
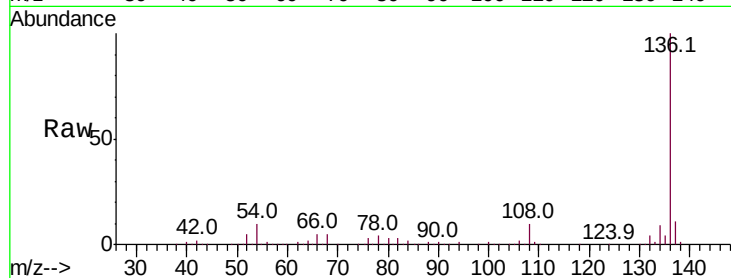




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF120258.D
Acq: 1 May 2020 15:11

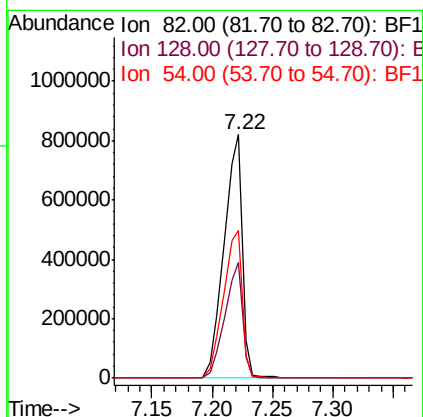
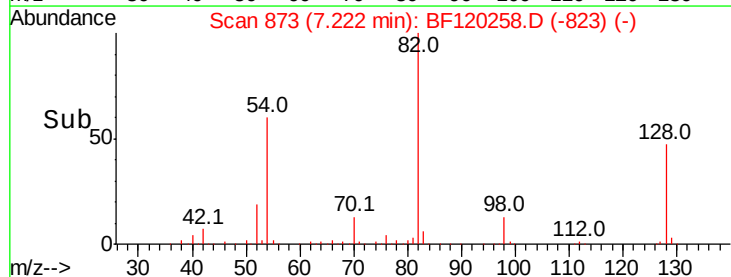
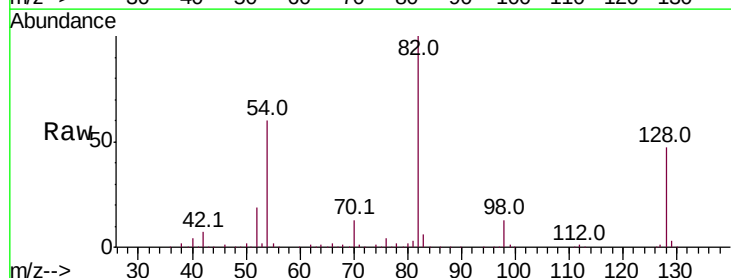
Instrument :
BNA_F
ClientSampleId :
PB128596BL

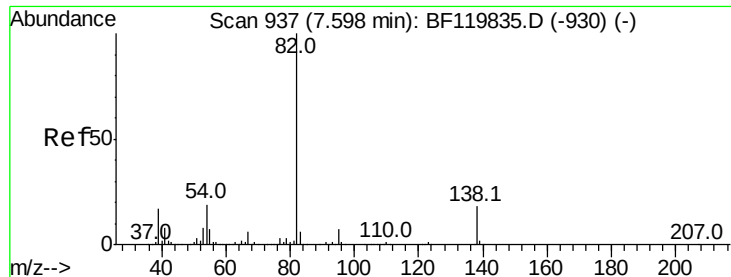
Tot Ion:	136	Resp:	486826
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	10.3	9.1	13.7
68	5.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 91.088 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF120258.D
Acq: 1 May 2020 15:11

Tgt Ion:	82	Resp:	857162
Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.3	54.5
54	60.5	50.6	75.8





#25

Isophorone

Concen: 46.918 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.26 min

Lab File: BF120258.D

Acq: 1 May 2020 15:11

Instrument :

BNA_F

ClientSampleId :

PB128596BL

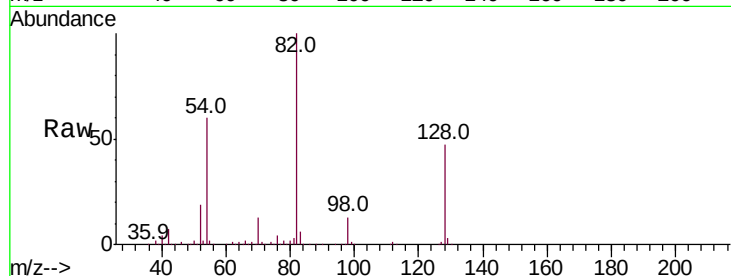
Tot Ion: 82 Resp: 851110

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

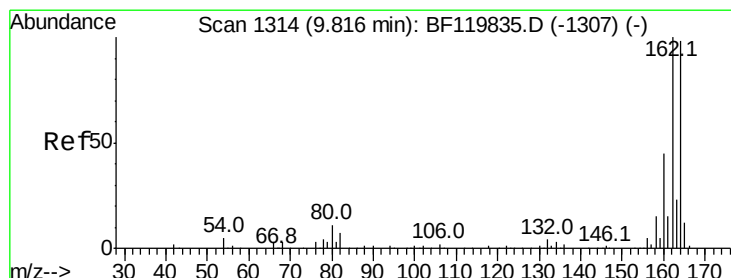
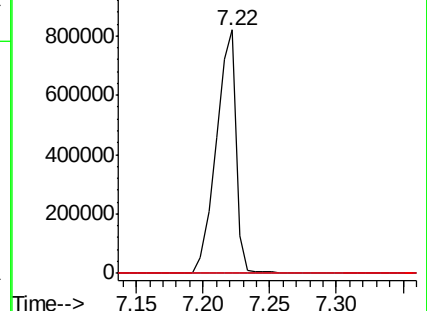
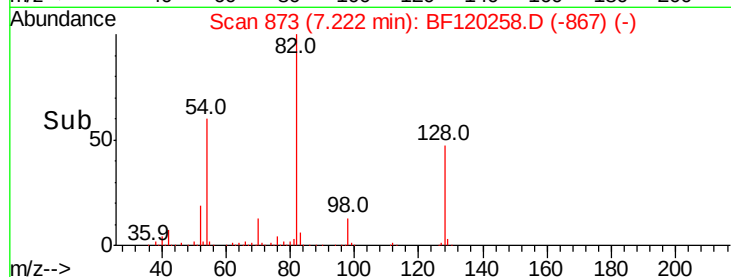
138 0.0 14.6 21.8#



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# 1292

Delta R.T. -0.01 min

Lab File: BF120258.D

Acq: 1 May 2020 15:11

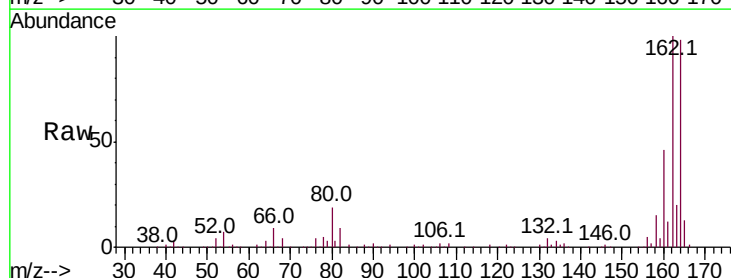
Tgt Ion: 164 Resp: 245861

Ion Ratio Lower Upper

164 100

162 102.3 80.6 121.0

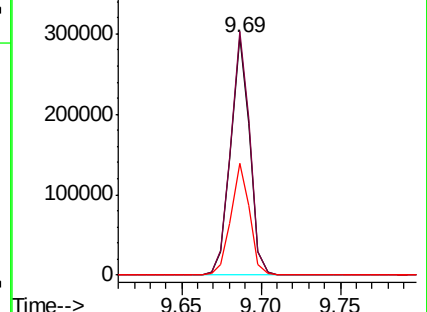
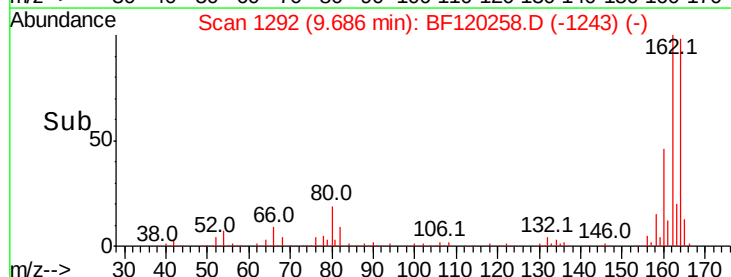
160 46.8 35.7 53.5

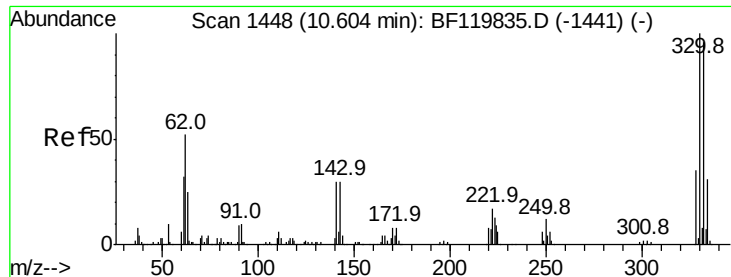


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

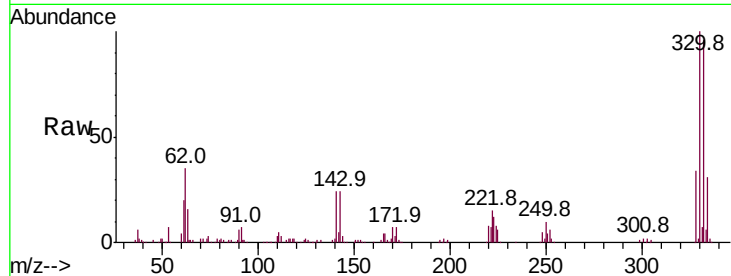




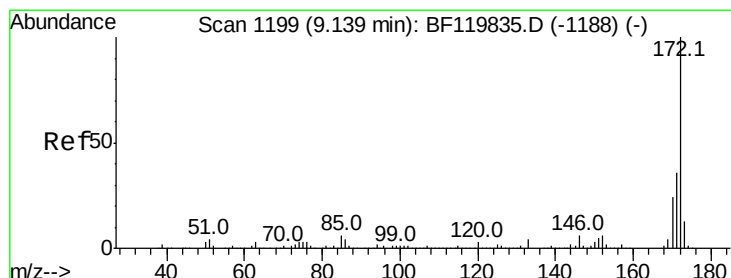
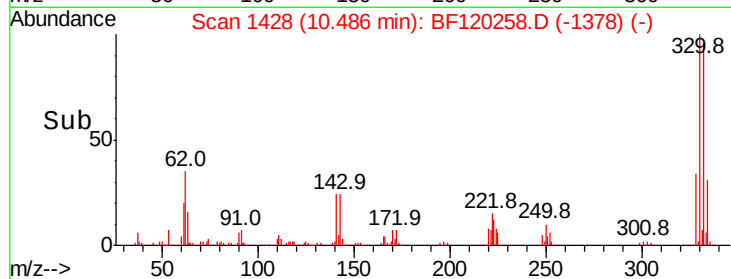
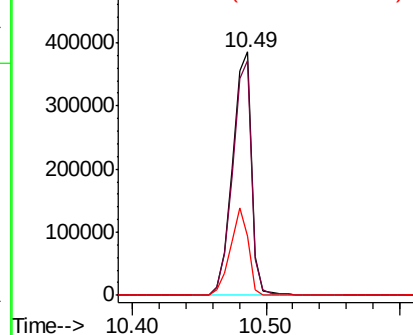
#42
 2,4,6-Tribromophenol
 Concen: 130.049 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF120258.D
 Acq: 1 May 2020 15:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128596BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.7	113.5
141	34.0	25.4	38.0

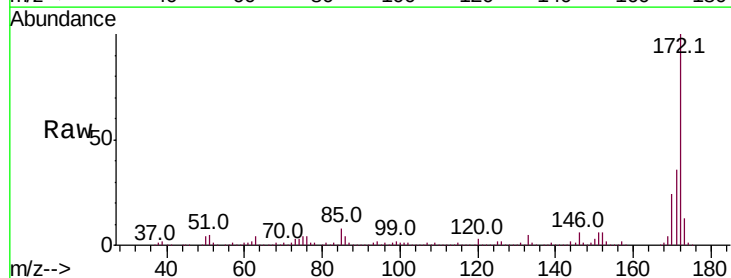


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

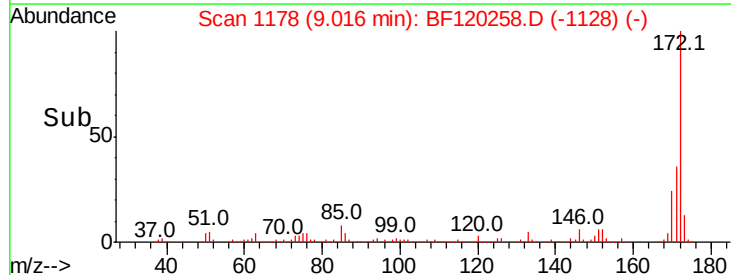
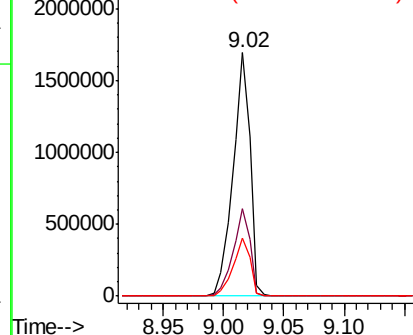


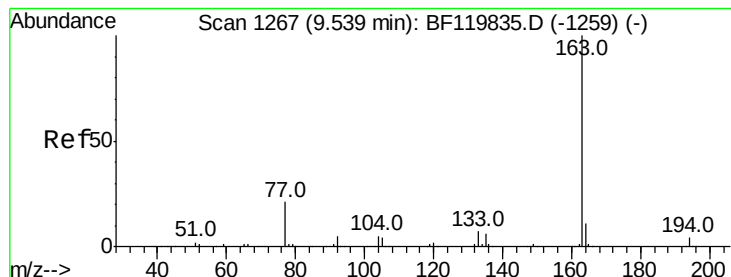
#45
 2-Fluorobiphenyl
 Concen: 95.595 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF120258.D
 Acq: 1 May 2020 15:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.0	20.2	30.2



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: 2.872 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.25 min

Lab File: BF120258.D

Acq: 1 May 2020 15:11

Instrument :

BNA_F

ClientSampleId :

PB128596BL

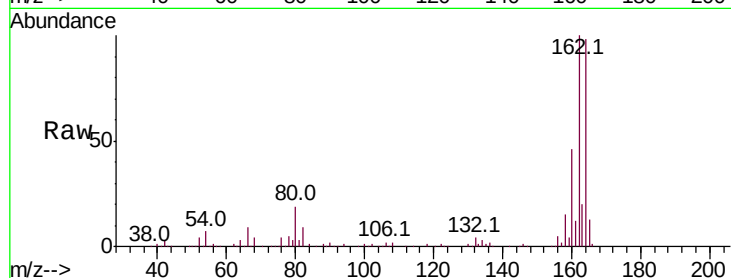
Tot Ion:163 Resp: 54621

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

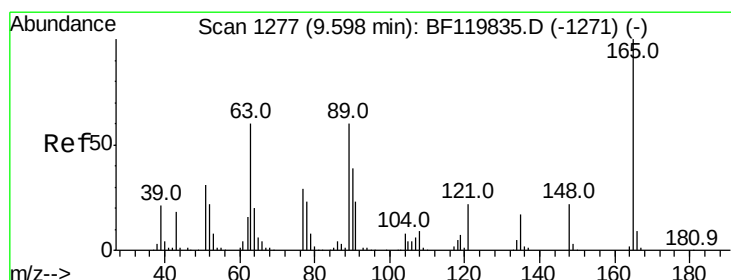
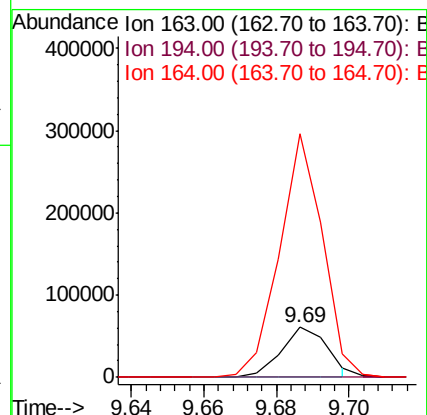
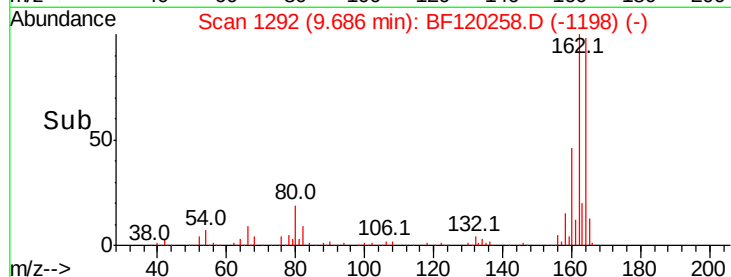
164 484.7 8.2 12.2#



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: 7.531 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.19 min

Lab File: BF120258.D

Acq: 1 May 2020 15:11

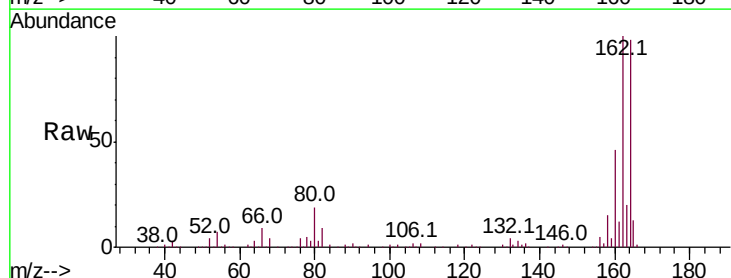
Tgt Ion:165 Resp: 31363

Ion Ratio Lower Upper

165 100

63 1.0 45.0 67.4#

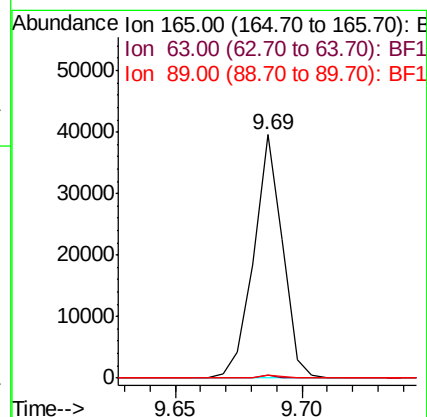
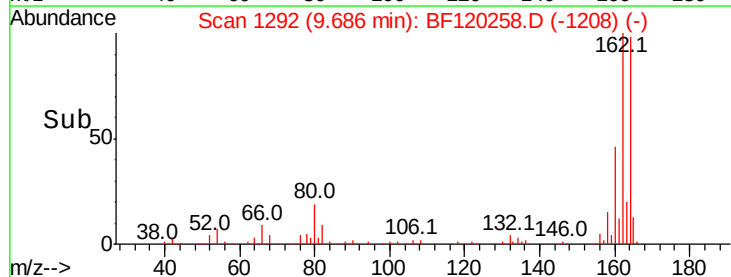
89 1.0 41.5 62.3#

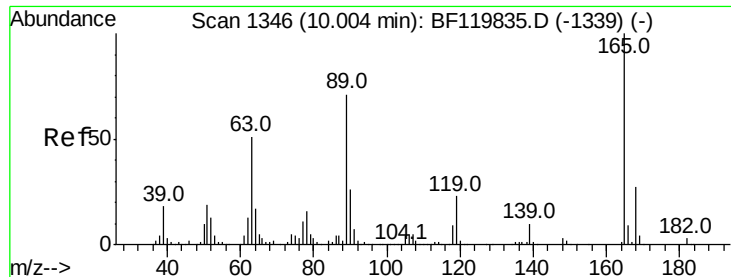


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

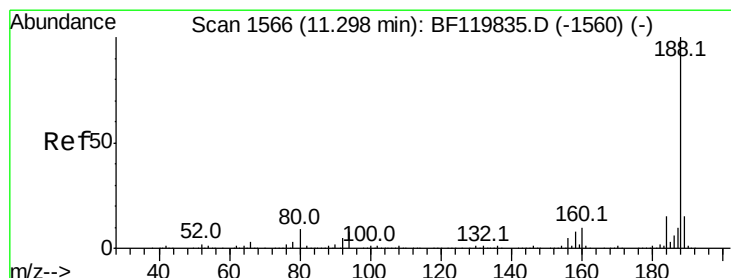
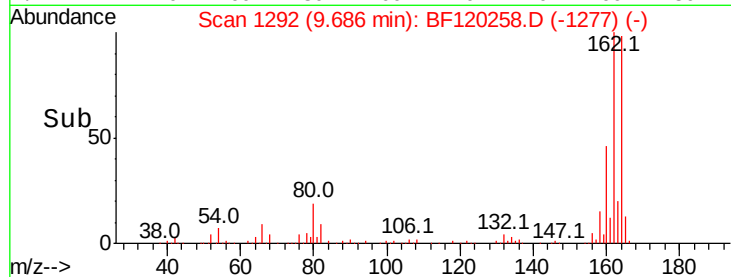
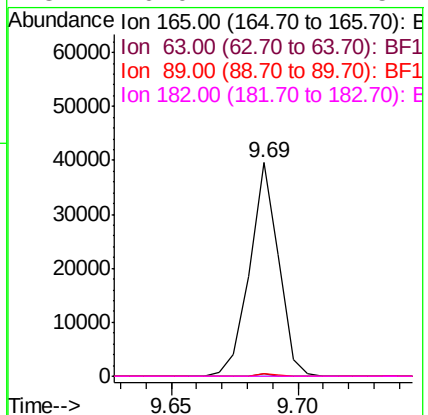
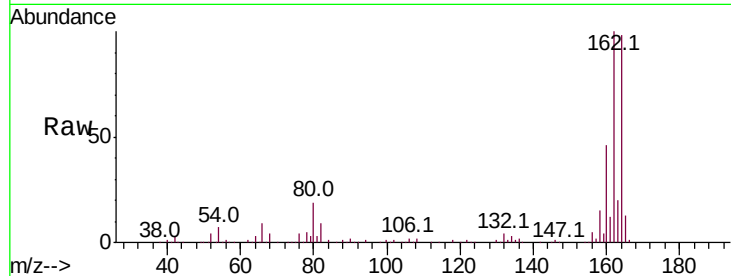




#57
 2,4-Dinitrotoluene
 Concen: 5.716 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.21 min
 Lab File: BF120258.D
 Acq: 1 May 2020 15:11

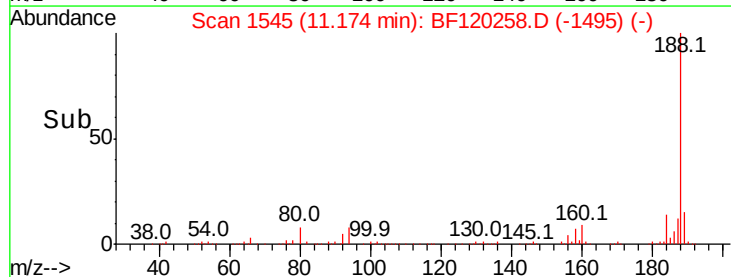
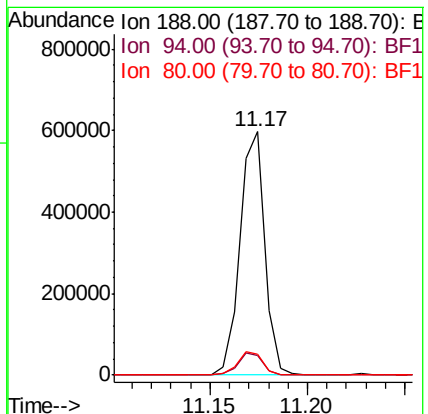
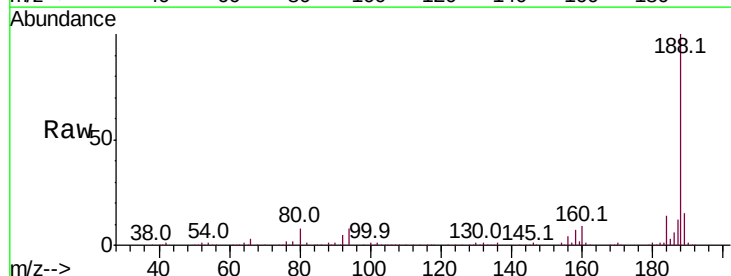
Instrument :
 BNA_F
 ClientSampleId :
 PB128596BL

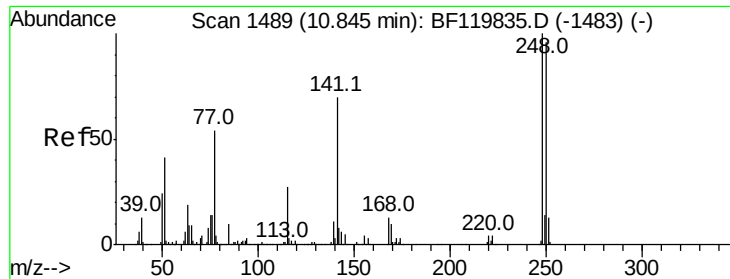
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.6	64.0#
89	1.0	61.0	91.4#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF120258.D
 Acq: 1 May 2020 15:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.5	11.3
80	8.3	9.0	13.4#

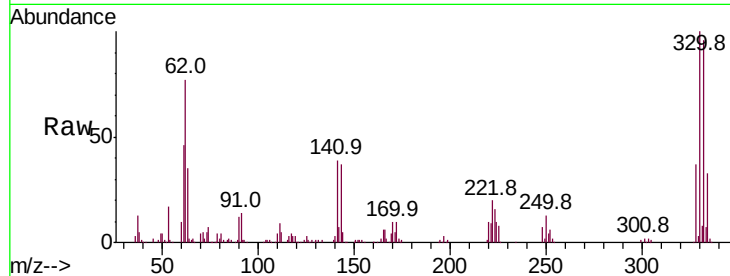




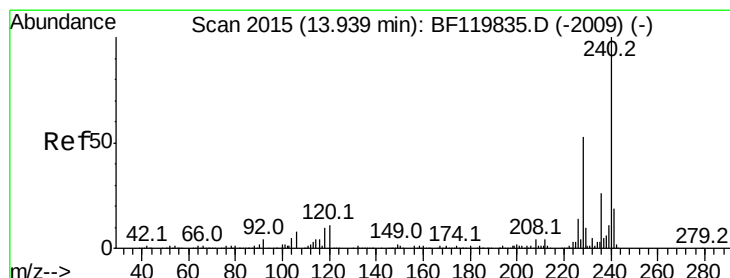
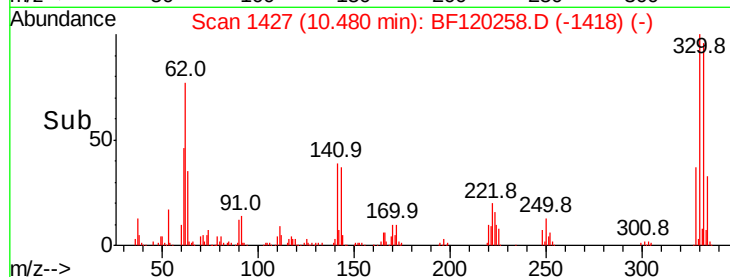
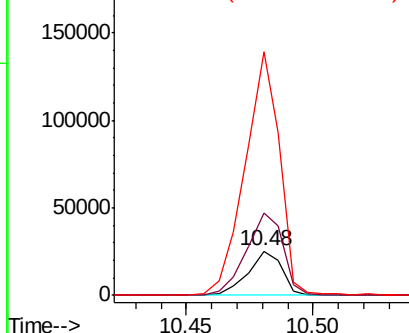
#67
 4-Bromophenyl-phenylether
 Concen: 3.665 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.25 min
 Lab File: BF120258.D
 Acq: 1 May 2020 15:11

Instrument :
 BNA_F
 ClientSampleId :
 PB128596BL

Tot Ion:248 Resp: 23981
 Ion Ratio Lower Upper
 248 100
 250 186.3 77.3 115.9#
 141 551.1 58.6 87.8#

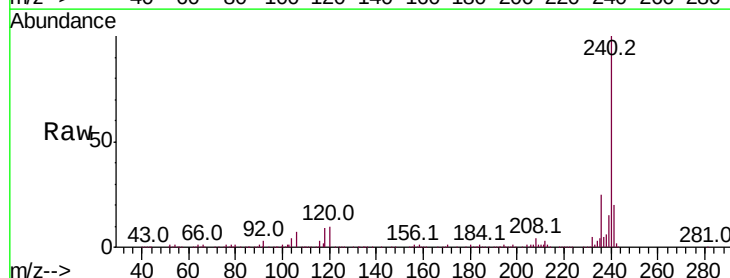


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

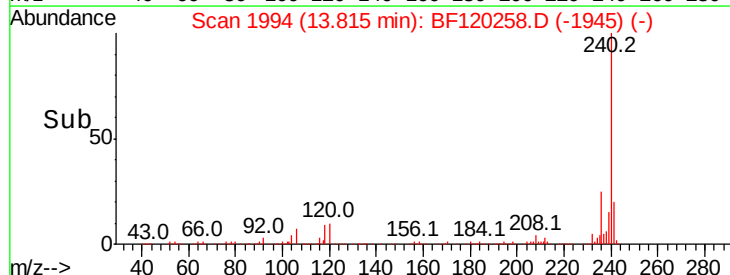
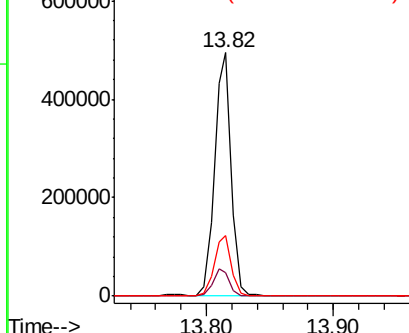


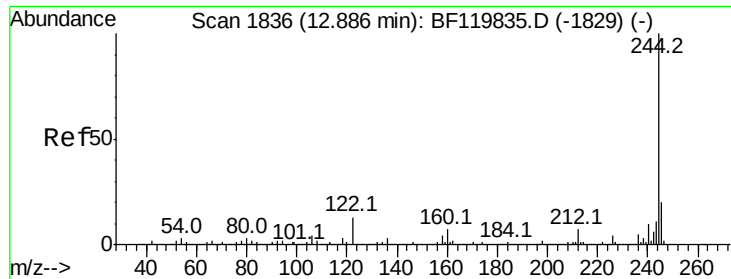
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF120258.D
 Acq: 1 May 2020 15:11

Tgt Ion:240 Resp: 455772
 Ion Ratio Lower Upper
 240 100
 120 9.7 10.6 15.8#
 236 24.7 20.2 30.2



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: 78.446 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120258.D

Acq: 1 May 2020 15:11

Instrument :

BNA_F

ClientSampleID :

PB128596BL

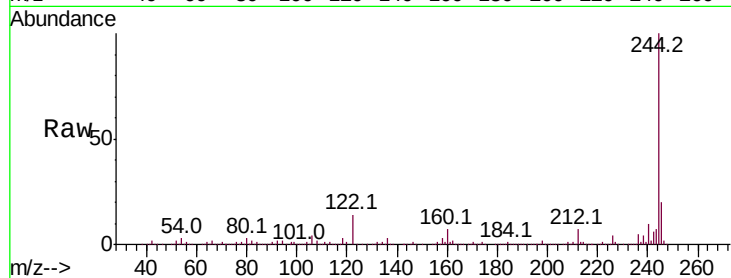
Tot Ion:244 Resp: 2124823

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

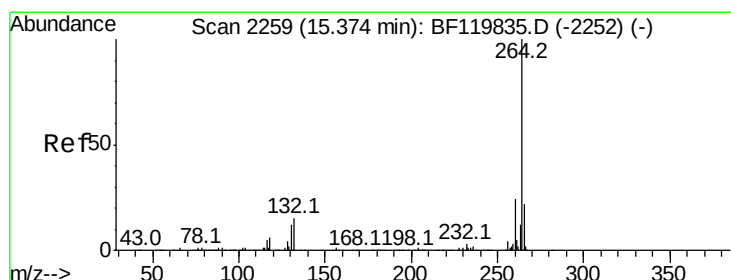
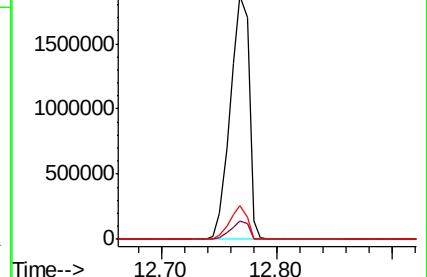
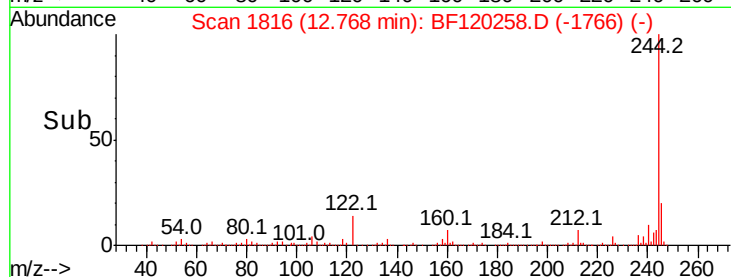
122 13.7 10.3 15.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.01 min

Lab File: BF120258.D

Acq: 1 May 2020 15:11

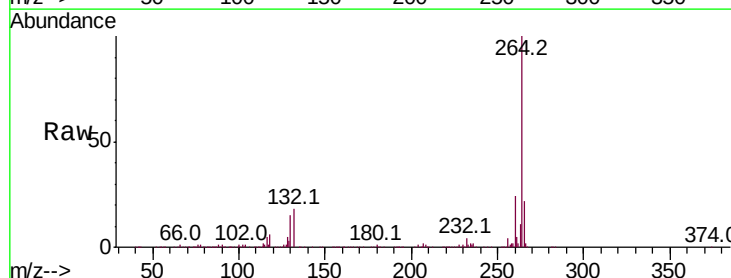
Tgt Ion:264 Resp: 418358

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.8 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

