

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120160.D
 Acq On : 23 Apr 2020 13:49
 Operator : MA/SJ
 Sample : PB128435BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128435BL

Quant Time: Apr 23 14:19:13 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 23 13:31:01 2020
 Response via : Initial Calibration

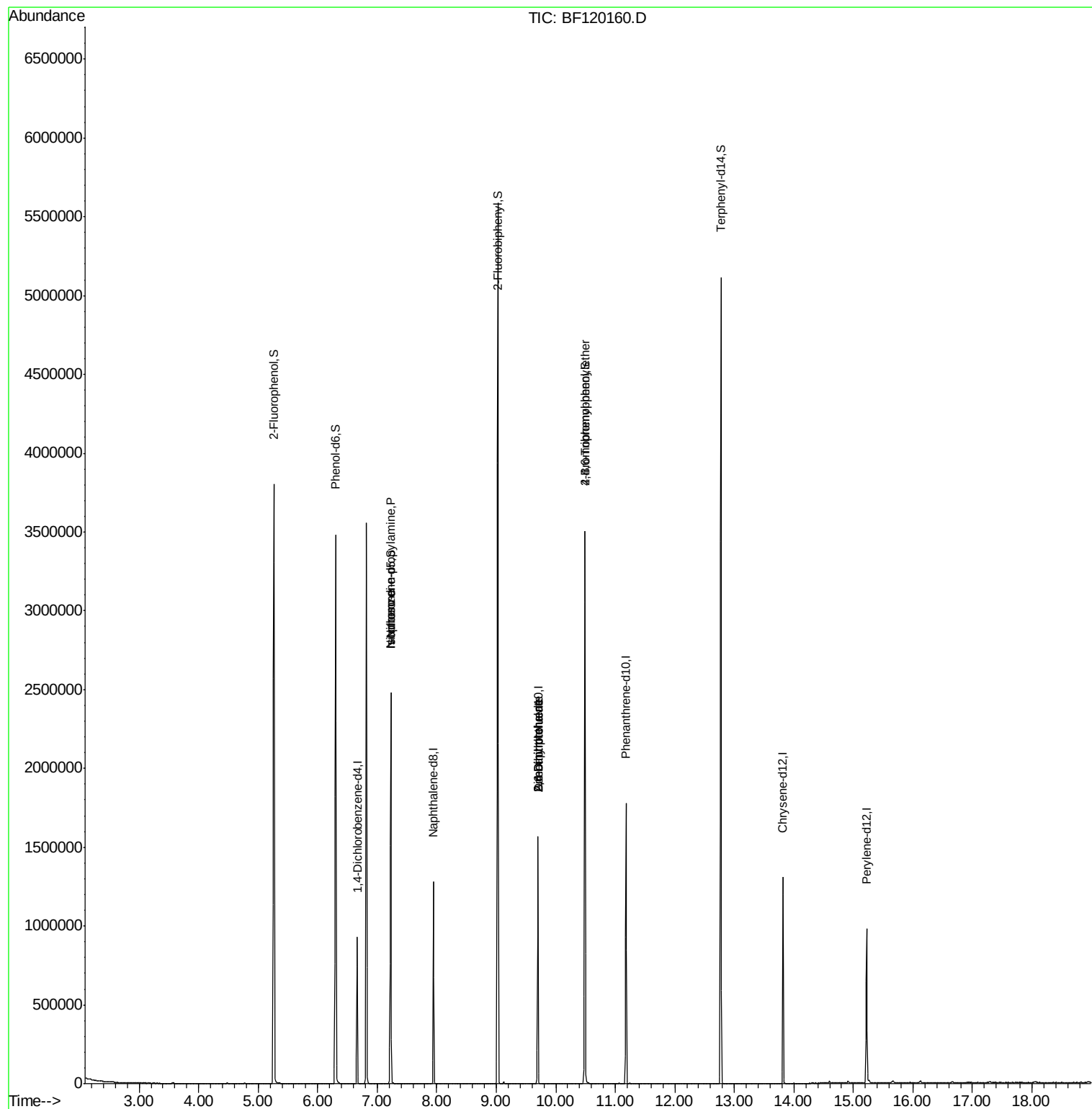
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	132190	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	515470	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	282146	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	571785	20.00	ng	0.00
76) Chrysene-d12	13.82	240	460246	20.00	ng	-0.01
87) Perylene-d12	15.22	264	429108	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1095061	143.16	ng	0.00
7) Phenol-d6	6.30	99	1410571	143.12	ng	0.00
23) Nitrobenzene-d5	7.23	82	886150	88.94	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	429732	124.40	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1752677	88.20	ng	0.00
79) Terphenyl-d14	12.78	244	2164509	79.13	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	2079	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	115742	18.262	ng	# 1
25) Isophorone	7.23	82	883967	46.022	ng	# 75
50) Dimethylphthalate	9.70	163	64575	2.959	ng	# 65
51) 2,6-Dinitrotoluene	9.70	165	36184	7.571	ng	# 1
57) 2,4-Dinitrotoluene	9.70	165	36184	5.747	ng	# 26
67) 4-Bromophenyl-phenylether	10.49	248	26582	3.738	ng	# 20
						# 1

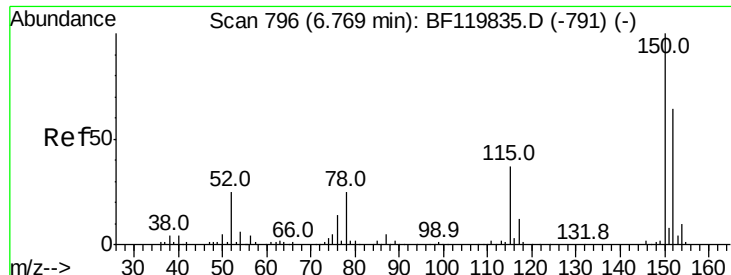
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
Data File : BF120160.D
Acq On : 23 Apr 2020 13:49
Operator : MA/SJ
Sample : PB128435BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128435BL

Quant Time: Apr 23 14:19:13 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 23 13:31:01 2020
Response via : Initial Calibration



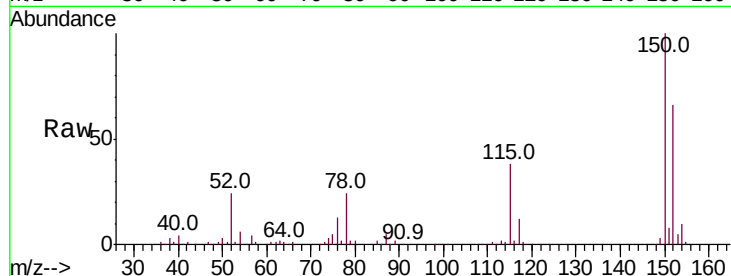


#1

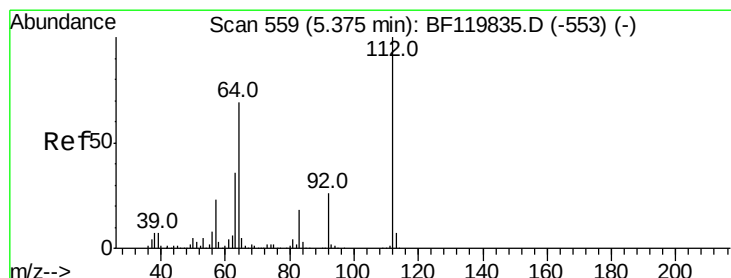
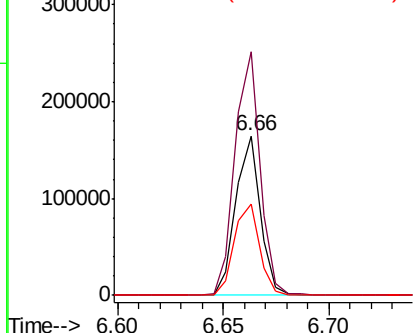
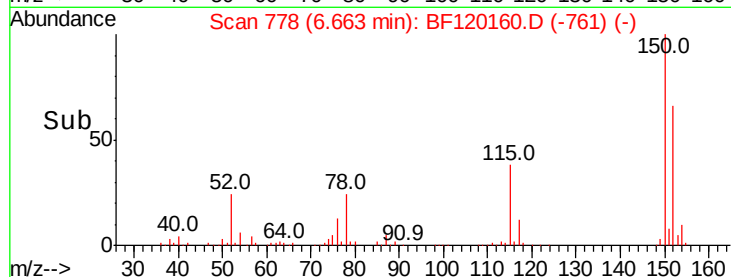
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF120160.D
Acq: 23 Apr 2020 13:49

Instrument :
BNA_F
ClientSampleId :
PB128435BL

Tot Ion:152 Resp: 132190
Ion Ratio Lower Upper
152 100
150 152.4 124.5 186.7
115 57.2 49.6 74.4



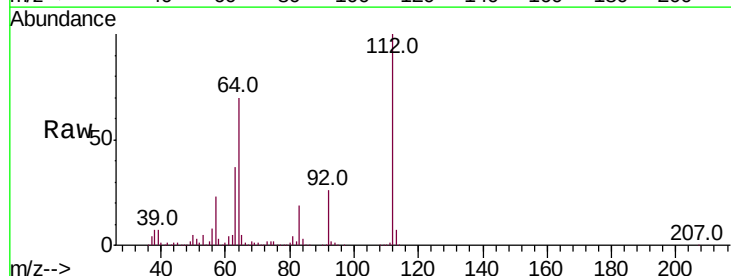
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



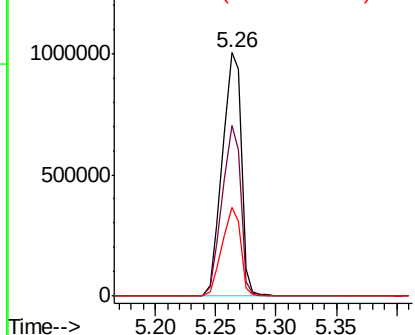
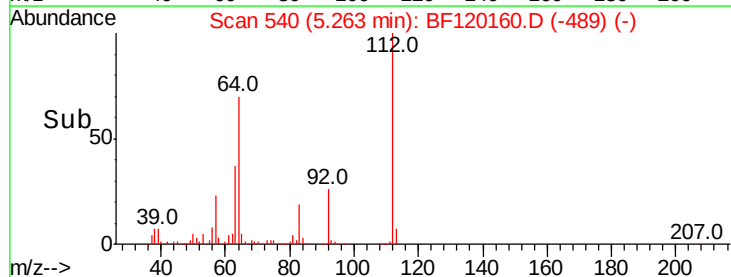
#5

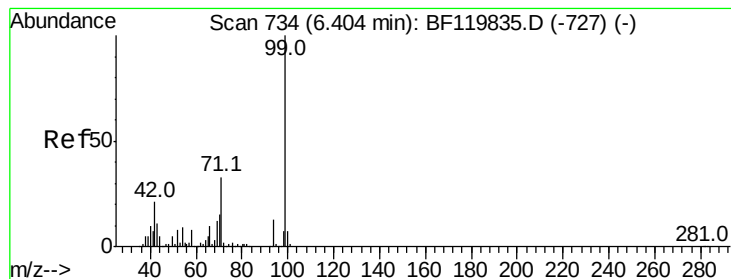
2-Fluorophenol
Concen: 143.163 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF120160.D
Acq: 23 Apr 2020 13:49

Tgt Ion:112 Resp: 1095061
Ion Ratio Lower Upper
112 100
64 70.1 56.7 85.1
63 36.6 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: 143.115 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF120160.D

Acq: 23 Apr 2020 13:49

Instrument :

BNA_F

ClientSampleId :

PB128435BL

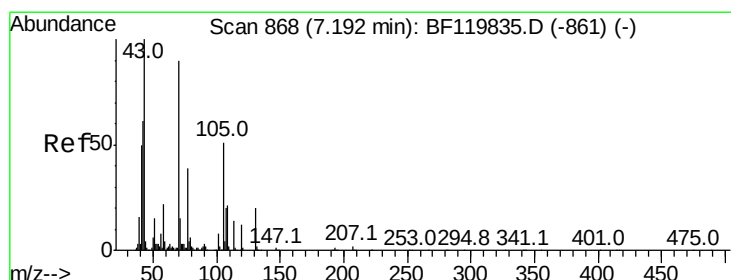
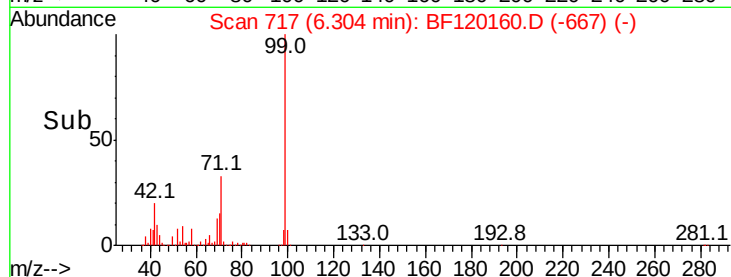
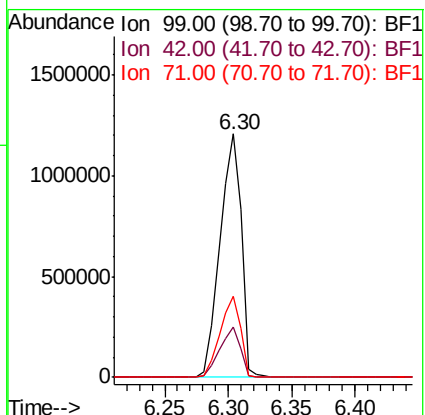
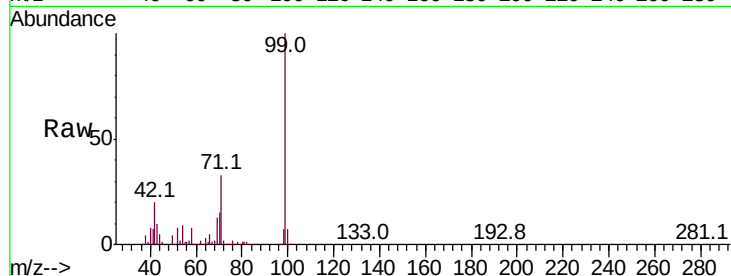
Tot Ion: 99 Resp: 1410571

Ion Ratio Lower Upper

99 100

42 20.5 16.6 24.8

71 33.3 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.262 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF120160.D

Acq: 23 Apr 2020 13:49

Tgt Ion: 70 Resp: 115742

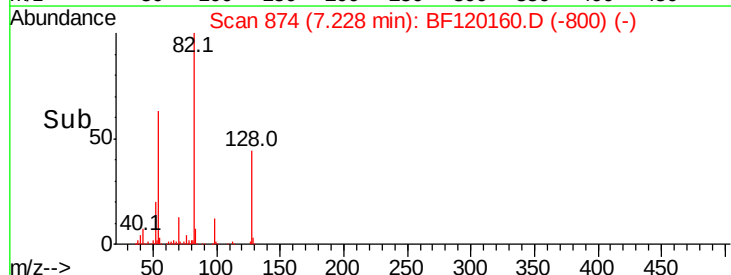
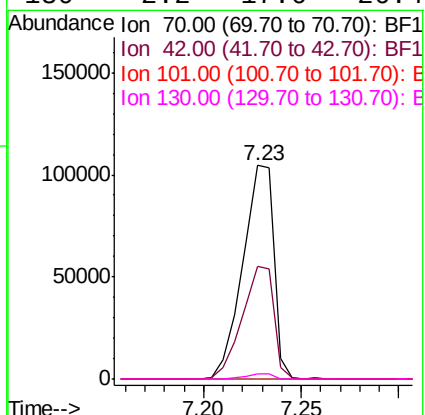
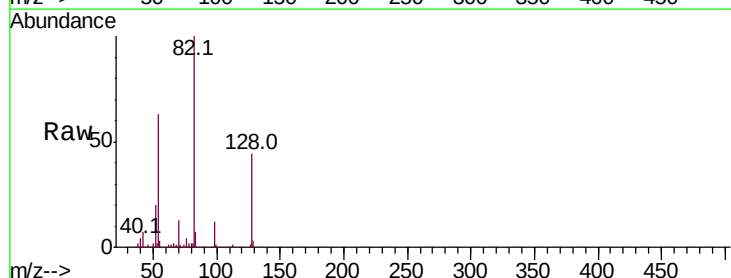
Ion Ratio Lower Upper

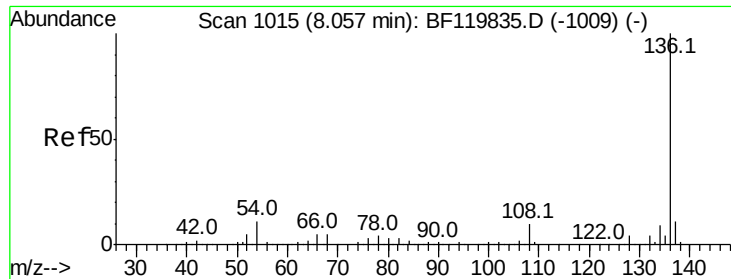
70 100

42 52.7 54.5 81.7#

101 0.0 7.6 11.4#

130 2.2 17.6 26.4#

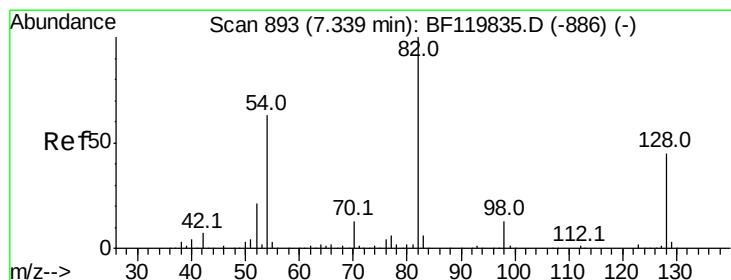
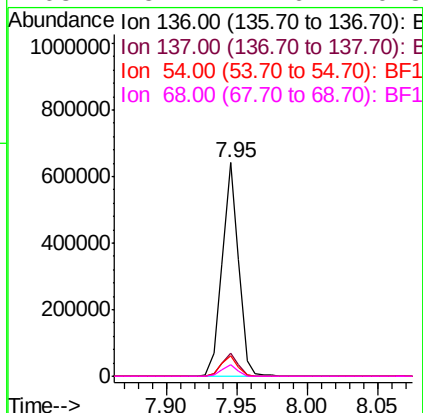
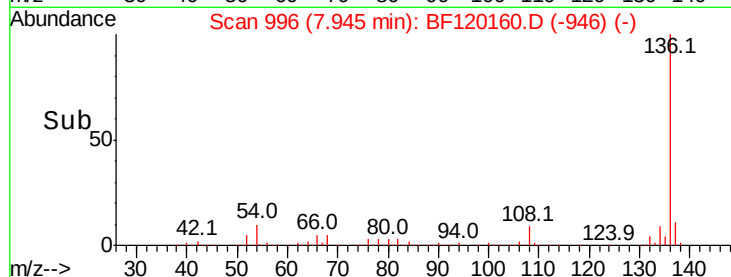
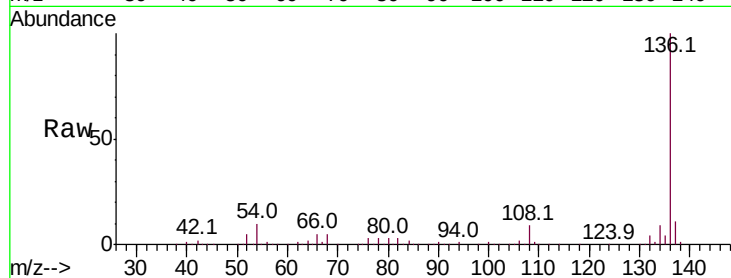




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF120160.D
Acq: 23 Apr 2020 13:49

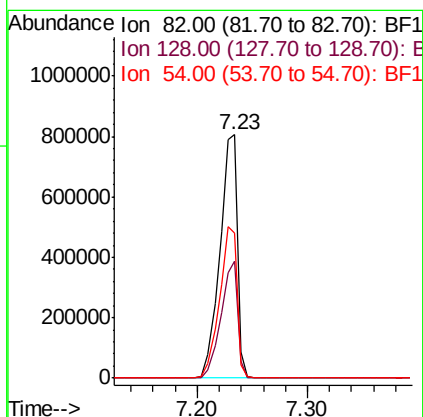
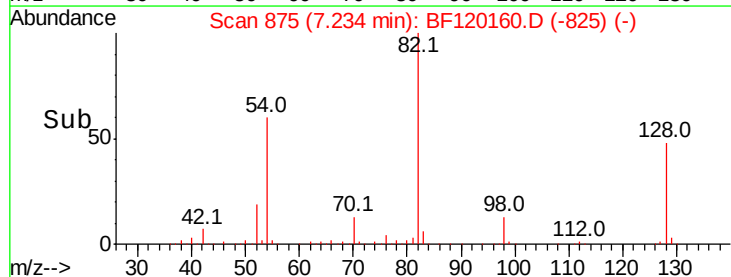
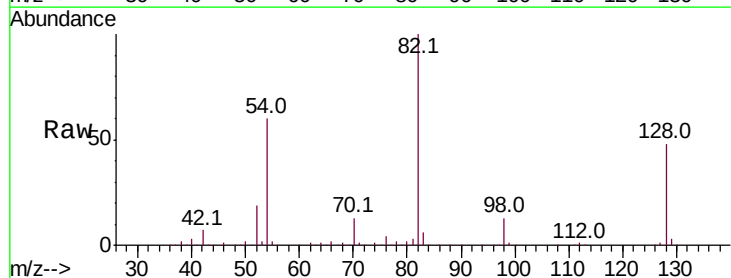
Instrument :
BNA_F
ClientSampleId :
PB128435BL

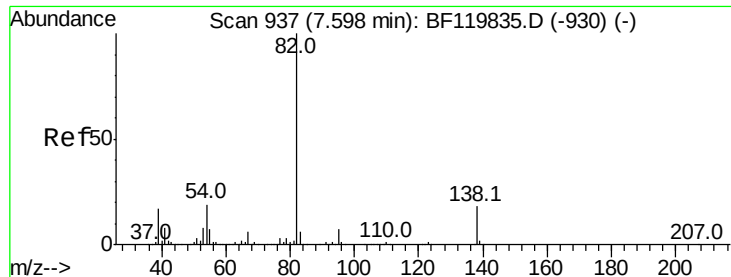
Tot Ion:136	Resp:	515470
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.7 13.1
54	9.8	9.1 13.7
68	5.2	4.6 6.8



#23
Nitrobenzene-d5
Concen: 88.936 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120160.D
Acq: 23 Apr 2020 13:49

Tgt Ion: 82	Resp:	886150
Ion	Ratio	Lower Upper
82	100	
128	48.3	36.3 54.5
54	59.6	50.6 75.8





#25

Isophorone

Concen: 46.022 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.26 min

Lab File: BF120160.D

Acq: 23 Apr 2020 13:49

Instrument :

BNA_F

ClientSampleId :

PB128435BL

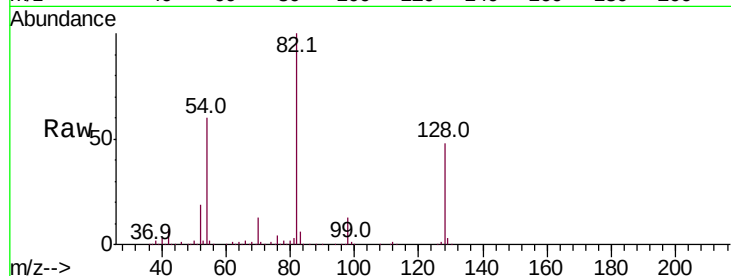
Tot Ion: 82 Resp: 883967

Ion Ratio Lower Upper

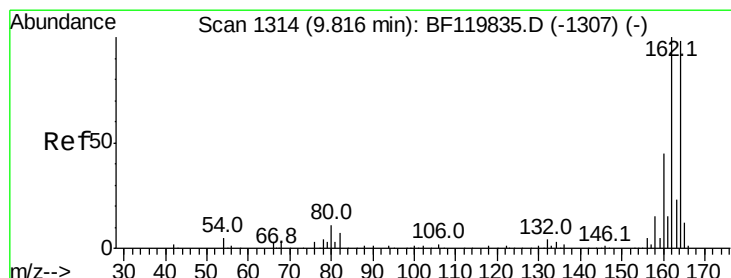
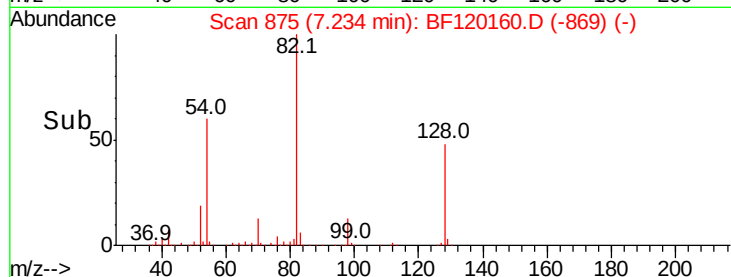
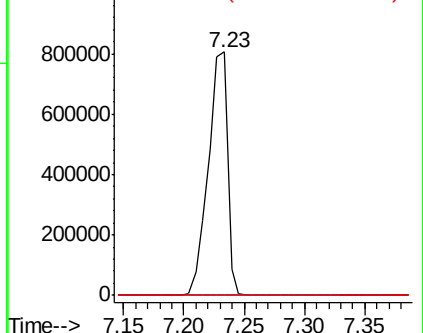
82 100

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: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF120160.D

Acq: 23 Apr 2020 13:49

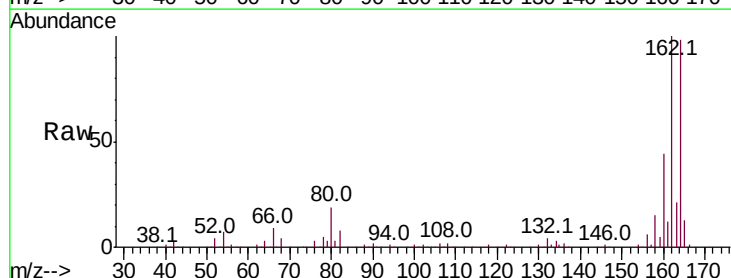
Tgt Ion:164 Resp: 282146

Ion Ratio Lower Upper

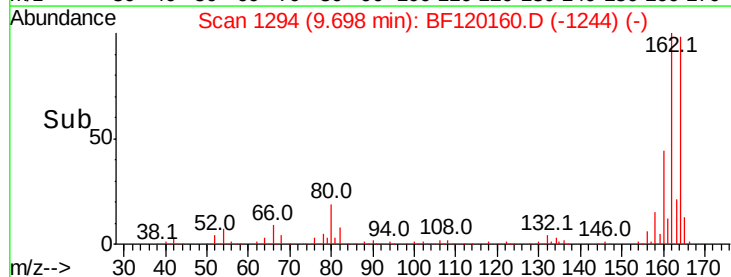
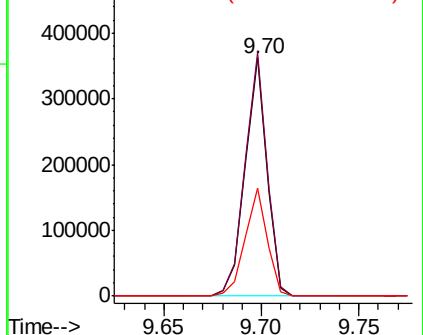
164 100

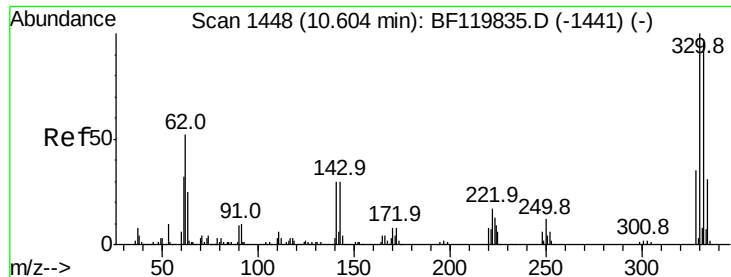
162 102.1 80.6 121.0

160 45.4 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

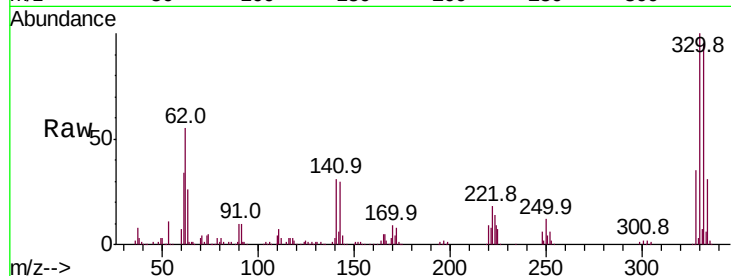




#42
 2,4,6-Tribromophenol
 Concen: 124.400 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF120160.D
 Acq: 23 Apr 2020 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB128435BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.7	113.5
141	34.2	25.4	38.0

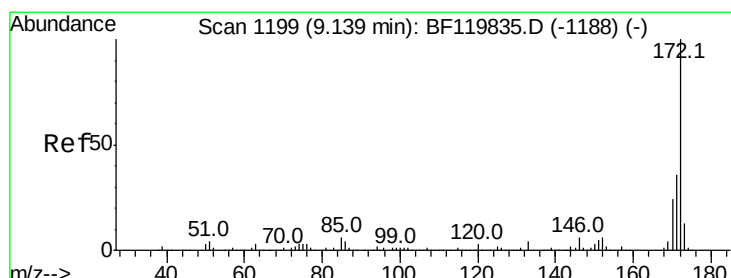
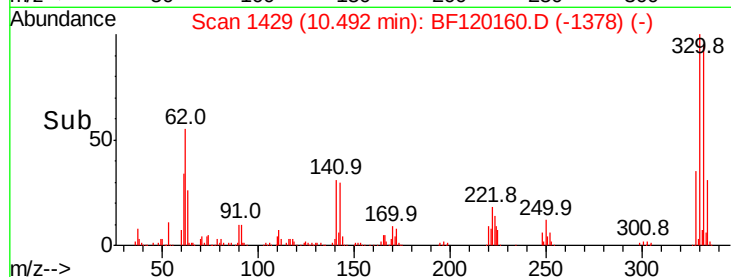
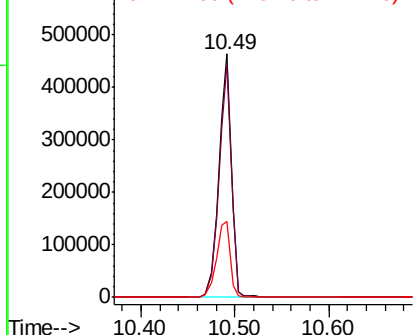


Abundance

Ion 329.80 (329.50 to 330.50): E

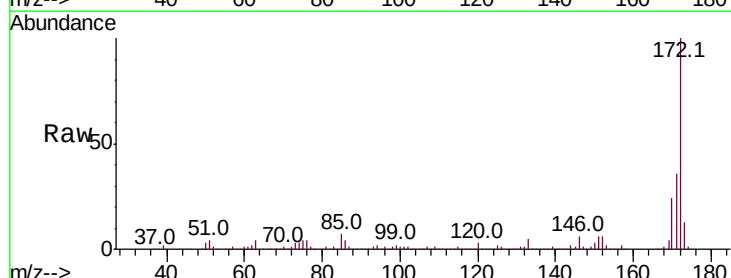
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.196 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120160.D
 Acq: 23 Apr 2020 13:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.3	20.2	30.2

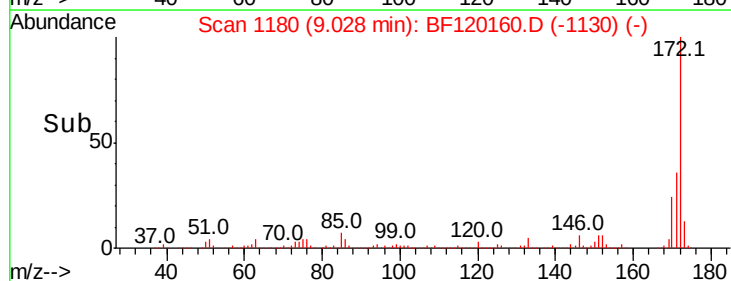
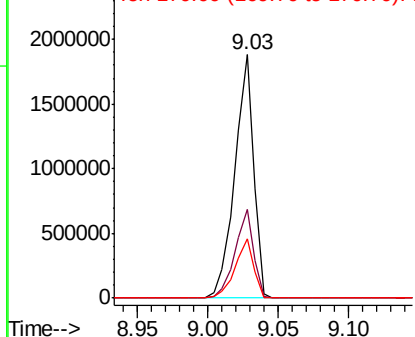


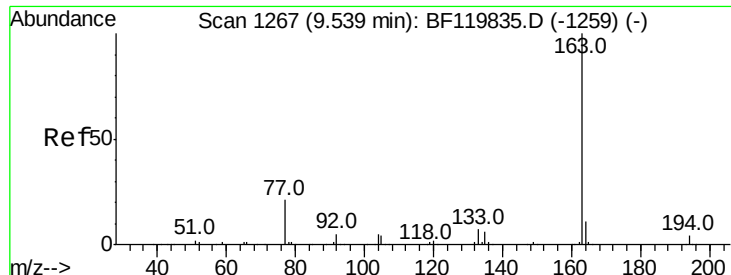
Abundance

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

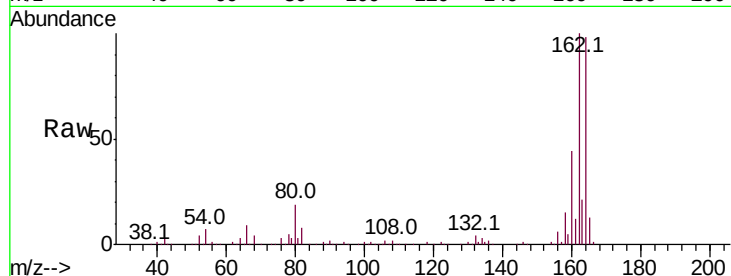




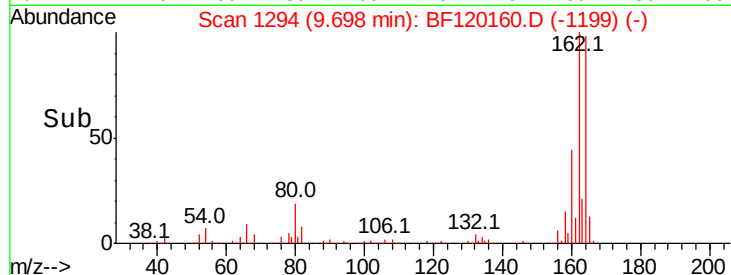
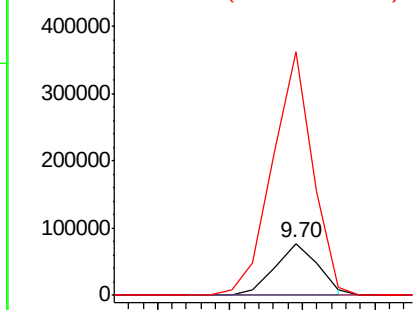
#50
Dimethylphthalate
Concen: 2.959 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.26 min
Lab File: BF120160.D
Acq: 23 Apr 2020 13:49

Instrument :
BNA_F
ClientSampleId :
PB128435BL

Tot Ion:163 Resp: 64575
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 470.4 8.2 12.2#

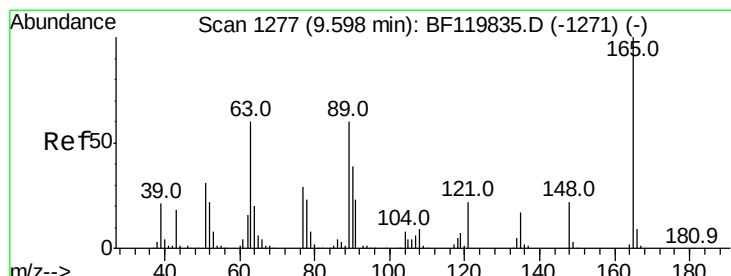


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

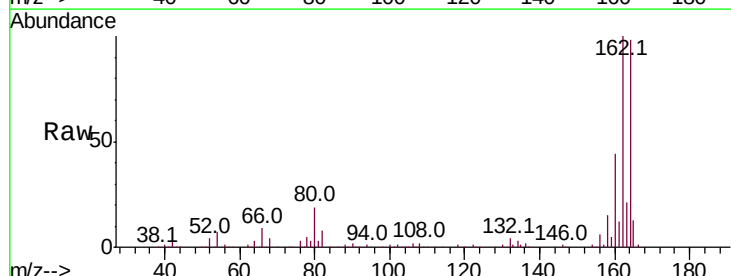
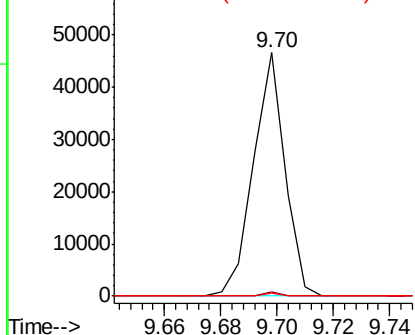


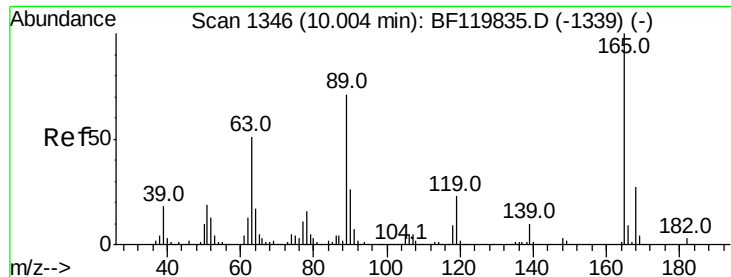
#51
2,6-Dinitrotoluene
Concen: 7.571 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.20 min
Lab File: BF120160.D
Acq: 23 Apr 2020 13:49

Tgt Ion:165 Resp: 36184
Ion Ratio Lower Upper
165 100
63 1.6 45.0 67.4#
89 1.2 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

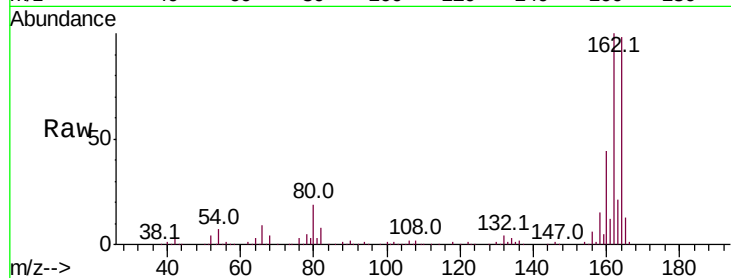




#57
 2,4-Dinitrotoluene
 Concen: 5.747 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.21 min
 Lab File: BF120160.D
 Acq: 23 Apr 2020 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB128435BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.6	64.0#
89	1.2	61.0	91.4#
182	0.0	2.2	3.2#

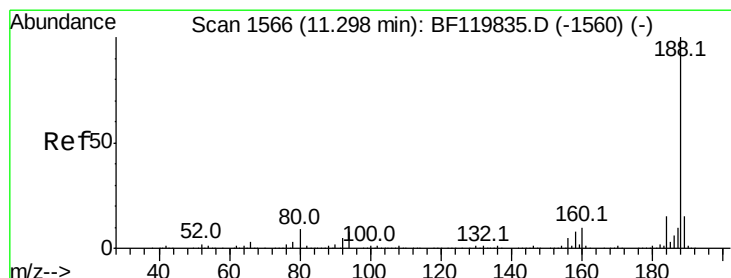
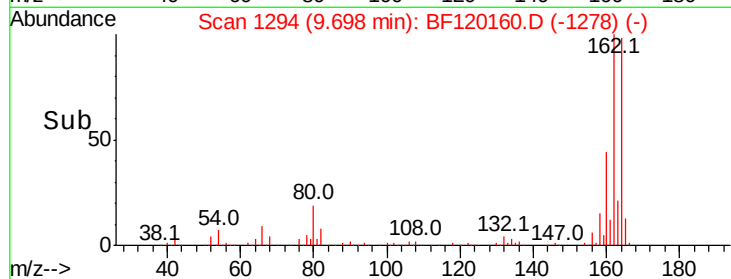
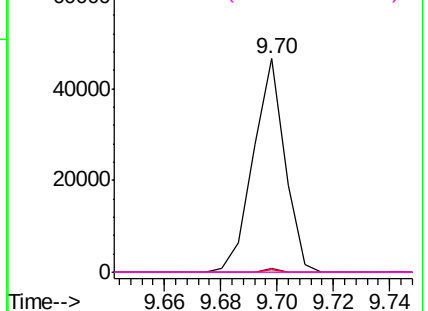


Abundance Ion 165.00 (164.70 to 165.70): E

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



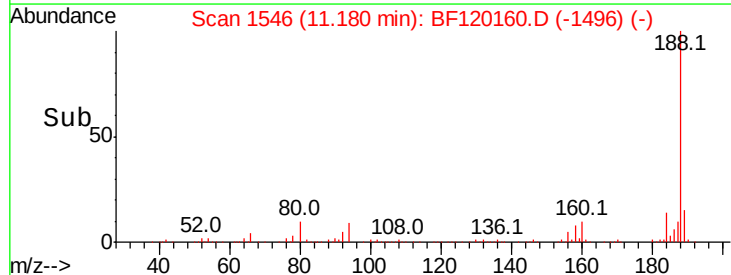
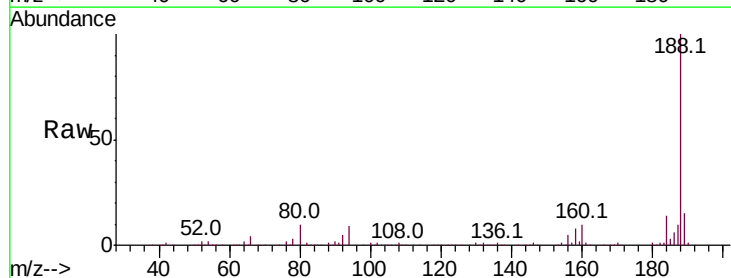
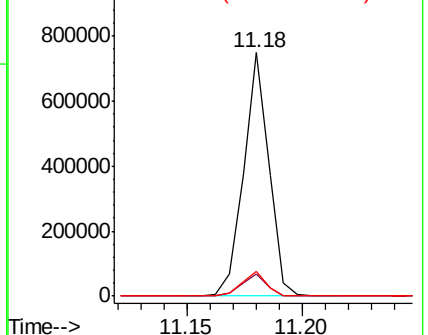
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF120160.D
 Acq: 23 Apr 2020 13:49

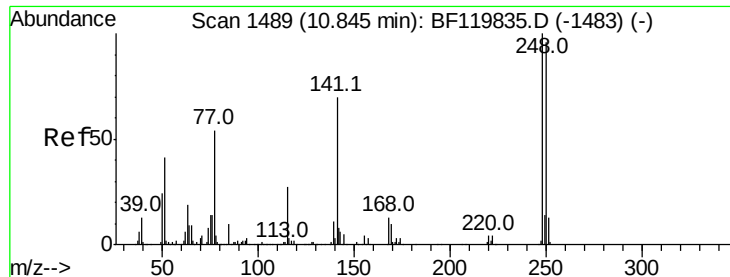
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.5	11.3
80	9.9	9.0	13.4

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

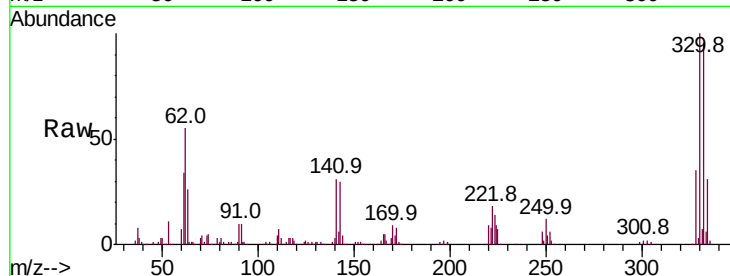




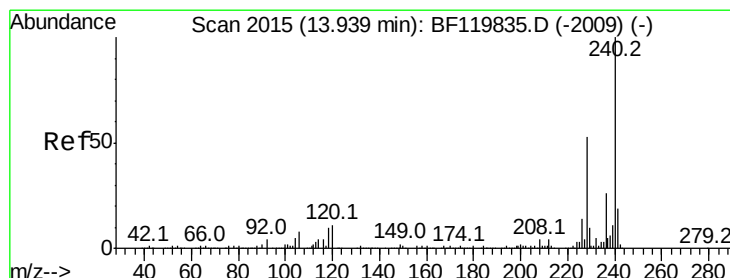
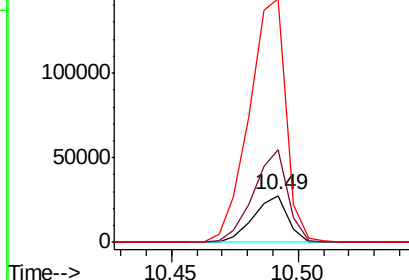
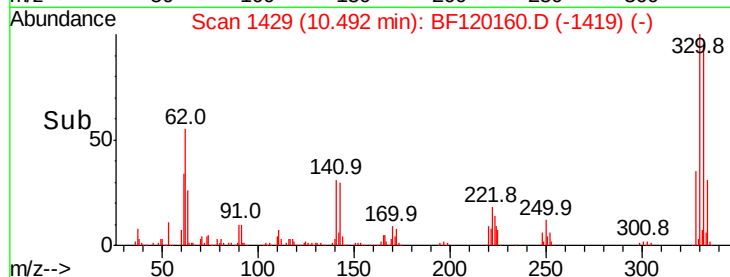
#67
4-Bromophenyl-phenylether
Concen: 3.738 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.24 min
Lab File: BF120160.D
Acq: 23 Apr 2020 13:49

Instrument :
BNA_F
ClientSampleId :
PB128435BL

Tot Ion:248 Resp: 26582
Ion Ratio Lower Upper
248 100
250 197.1 77.3 115.9#
141 519.1 58.6 87.8#

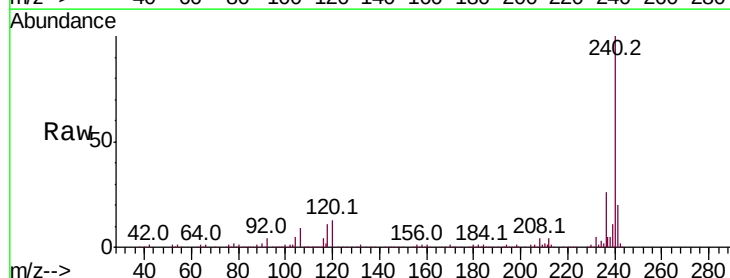


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

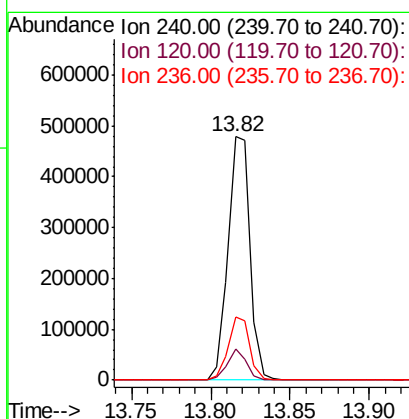
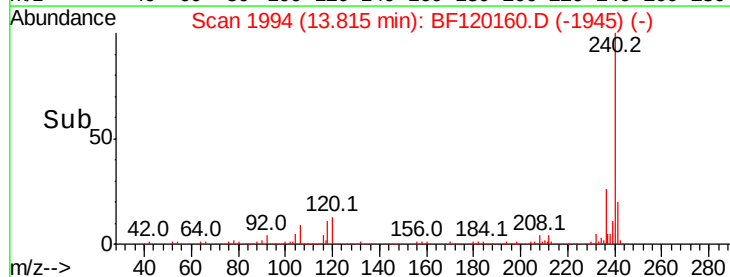


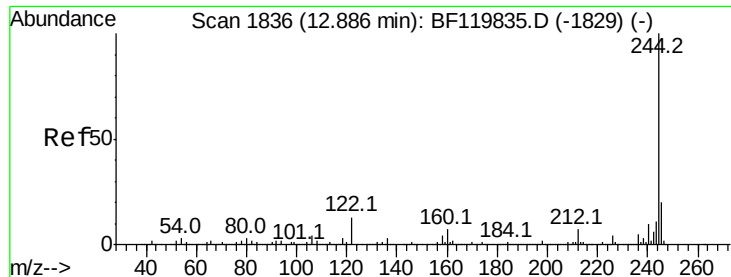
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF120160.D
Acq: 23 Apr 2020 13:49

Tgt Ion:240 Resp: 460246
Ion Ratio Lower Upper
240 100
120 12.7 10.6 15.8
236 25.7 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: 79.134 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120160.D

Acq: 23 Apr 2020 13:49

Instrument :

BNA_F

ClientSampleId :

PB128435BL

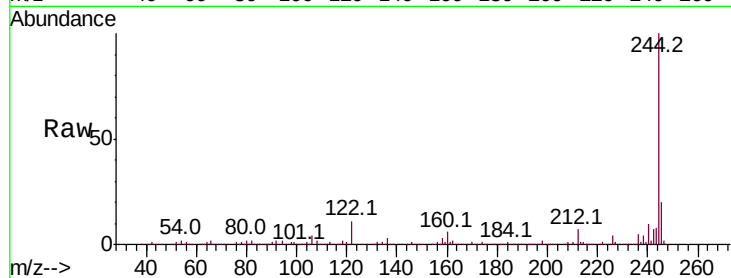
Tot Ion:244 Resp: 2164509

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

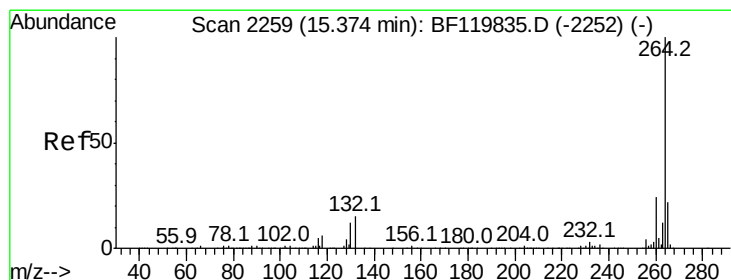
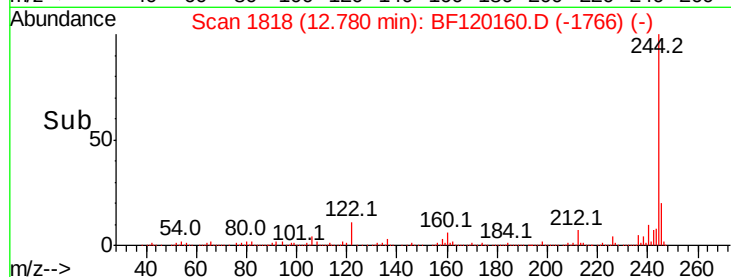
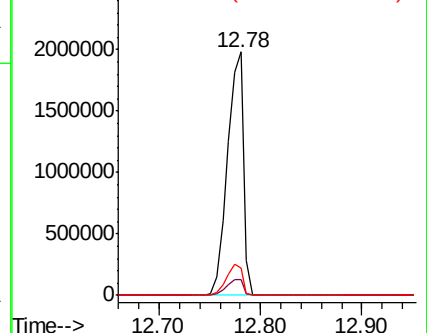
122 11.3 10.3 15.5



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# 2233

Delta R.T. -0.01 min

Lab File: BF120160.D

Acq: 23 Apr 2020 13:49

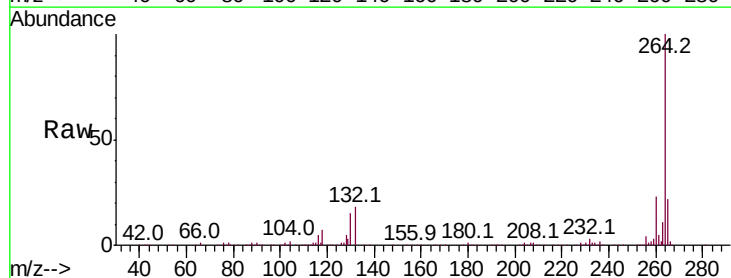
Tgt Ion:264 Resp: 429108

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 21.7 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

