

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120003.D
 Acq On : 15 Apr 2020 19:37
 Operator : MA/SJ
 Sample : L2224-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-009-ABCD

Quant Time: Apr 16 01:16:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

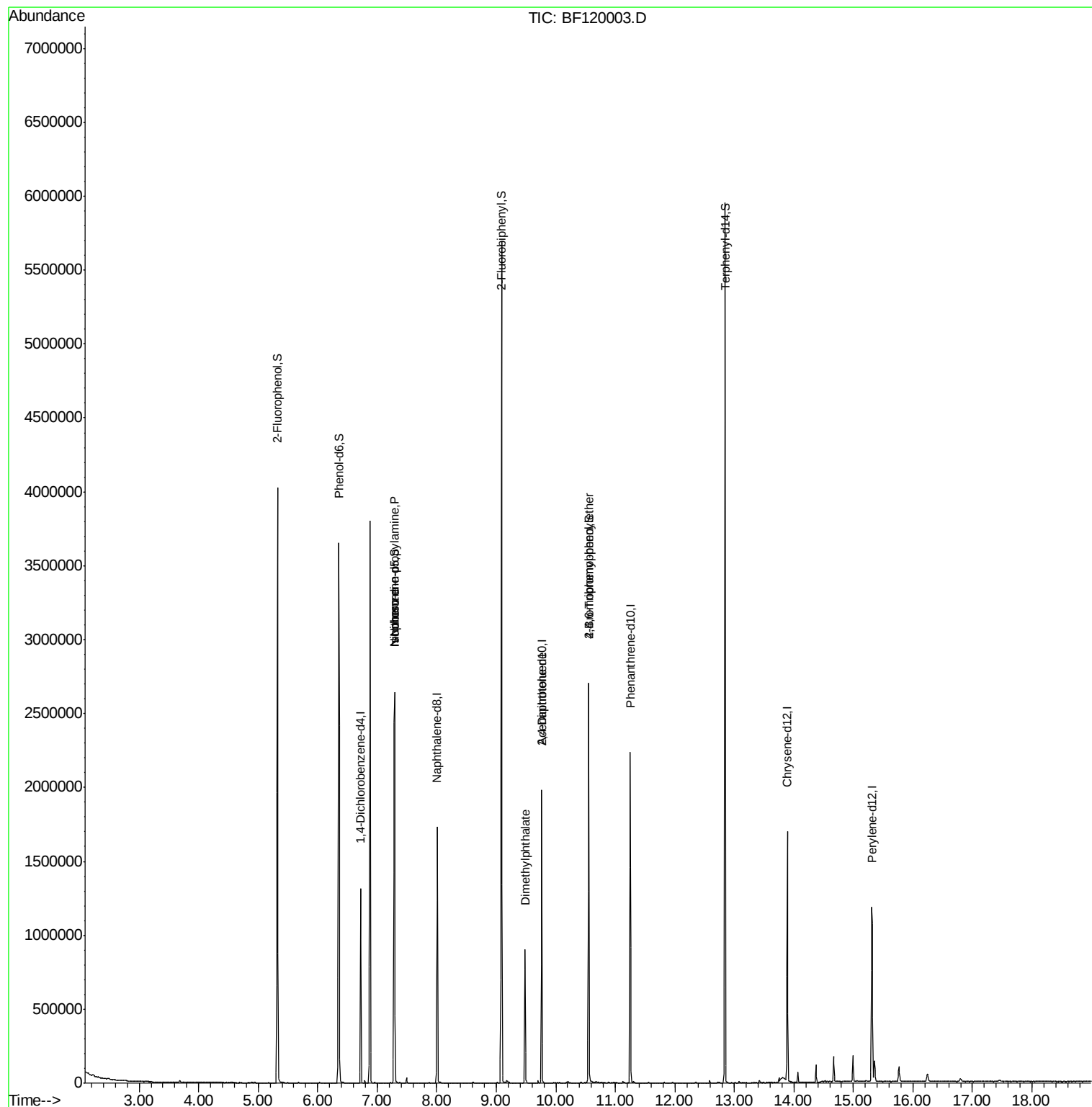
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	188966	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	732177	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	393753	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	760736	20.00	ng	0.00
76) Chrysene-d12	13.89	240	617202	20.00	ng	0.00
87) Perylene-d12	15.31	264	528677	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1089714	99.66	ng	0.00
7) Phenol-d6	6.36	99	1454781	103.25	ng	-0.01
23) Nitrobenzene-d5	7.29	82	905800	64.00	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	320658	66.51	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1799859	64.90	ng	0.00
79) Terphenyl-d14	12.84	244	2185497	59.58	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	1858	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	117352	12.952	ng	# 1
25) Isophorone	7.29	82	900007	32.988	ng	# 75
50) Dimethylphthalate	9.49	163	347794	11.419	ng	# 65
57) 2,4-Dinitrotoluene	9.76	165	51159	5.822	ng	# 98
67) 4-Bromophenyl-phenylether	10.55	248	20585	2.176	ng	# 22
						# 1

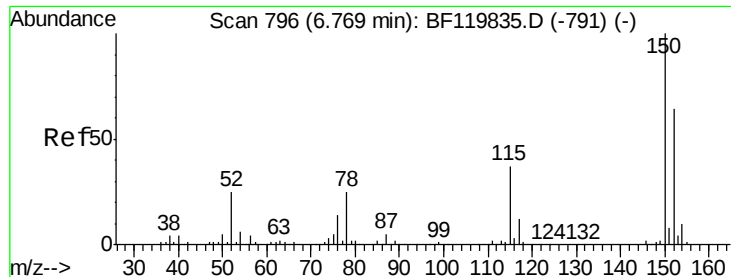
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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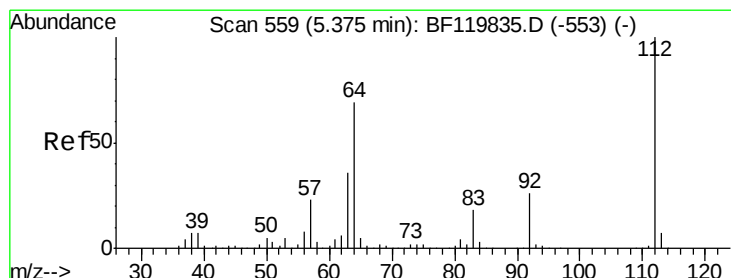
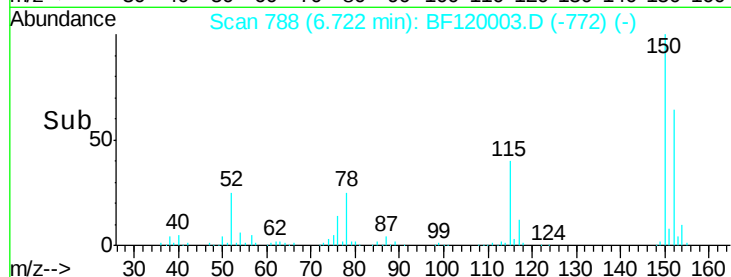
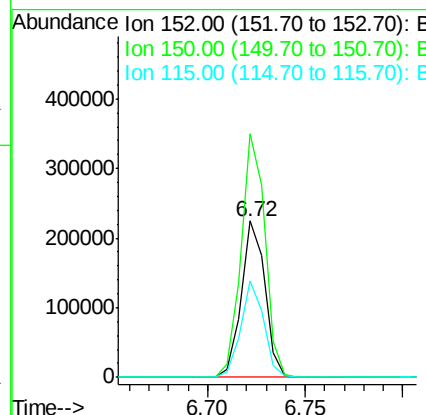
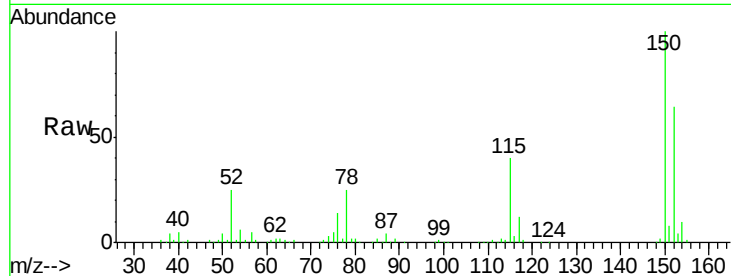


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF120003.D
Acq: 15 Apr 2020 19:37

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-009-ABCD

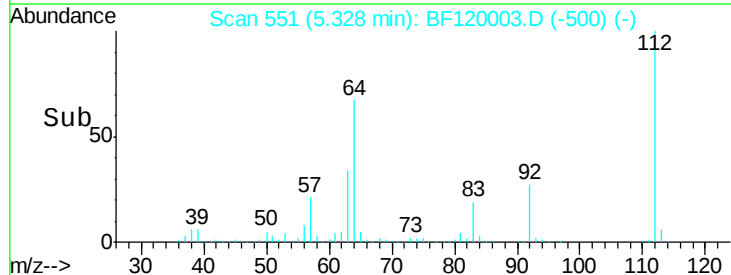
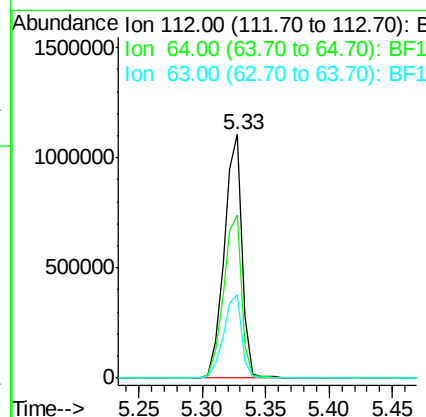
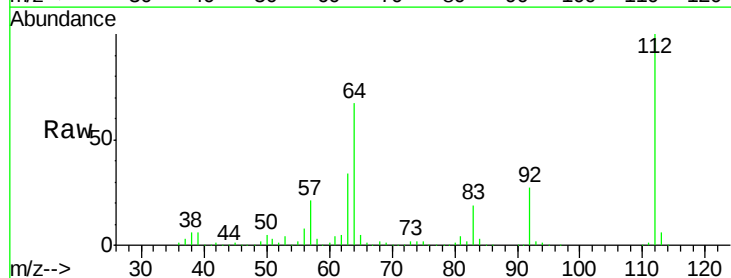
Tot Ion:152 Resp: 188966
Ion Ratio Lower Upper
152 100
150 156.1 124.8 187.2
115 61.7 46.5 69.7

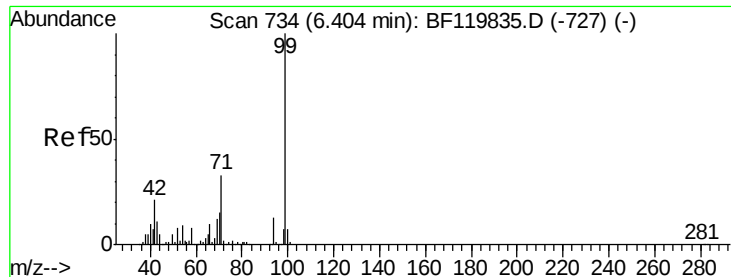


#5

2-Fluorophenol
Concen: 99.660 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF120003.D
Acq: 15 Apr 2020 19:37

Tgt Ion:112 Resp: 1089714
Ion Ratio Lower Upper
112 100
64 67.0 55.5 83.3
63 34.5 29.1 43.7





#7

Phenol-d6

Concen: 103.253 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF120003.D

Acq: 15 Apr 2020 19:37

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-009-ABCD

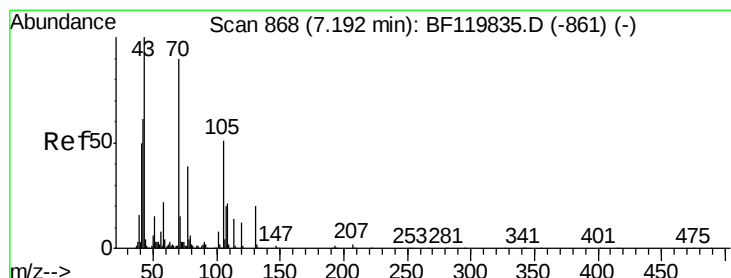
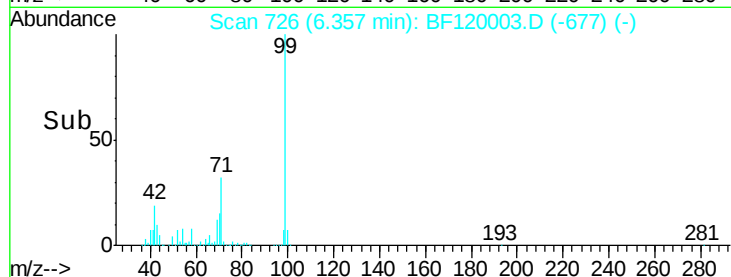
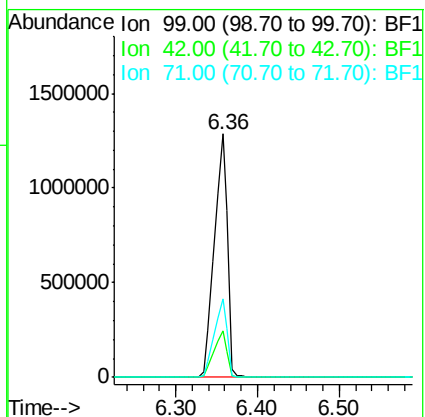
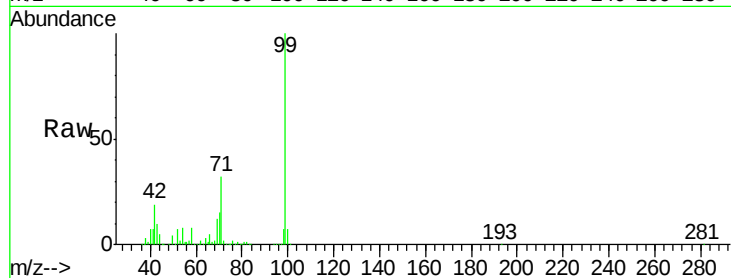
Tot Ion: 99 Resp: 1454781

Ion Ratio Lower Upper

99 100

42 19.3 16.9 25.3

71 32.4 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 12.952 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF120003.D

Acq: 15 Apr 2020 19:37

Tgt Ion: 70 Resp: 117352

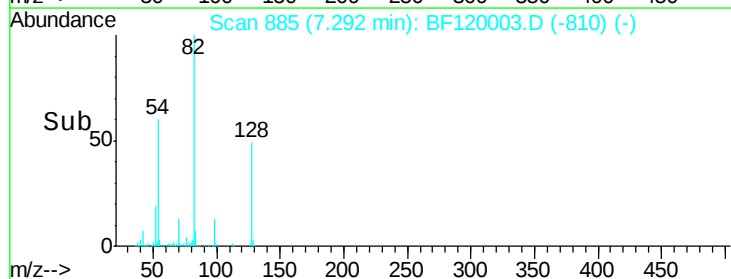
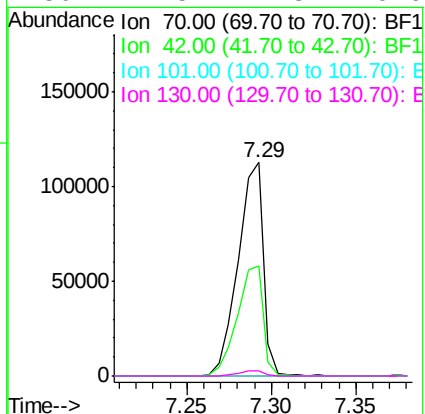
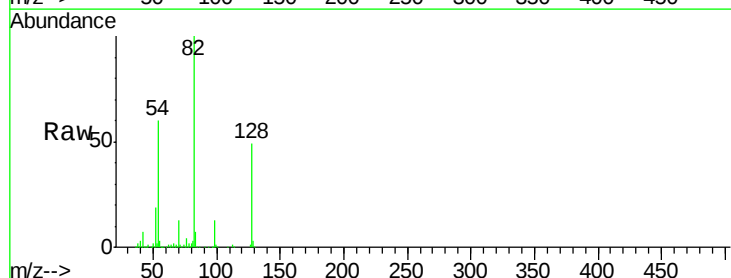
Ion Ratio Lower Upper

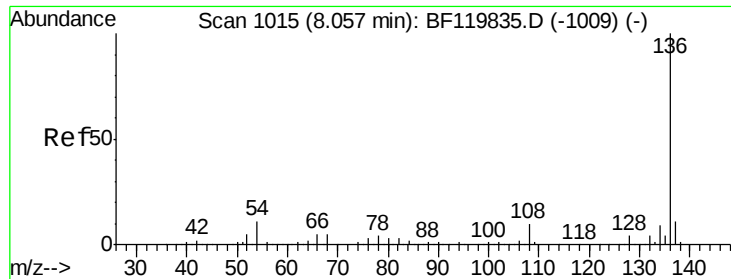
70 100

42 51.8 54.2 81.4#

101 0.0 7.4 11.2#

130 2.5 17.8 26.6#

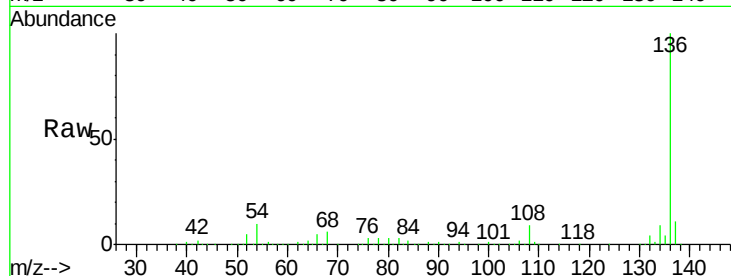




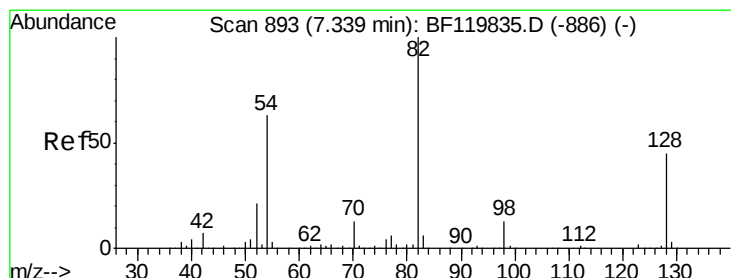
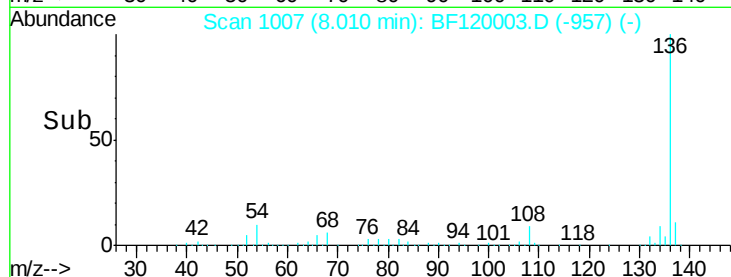
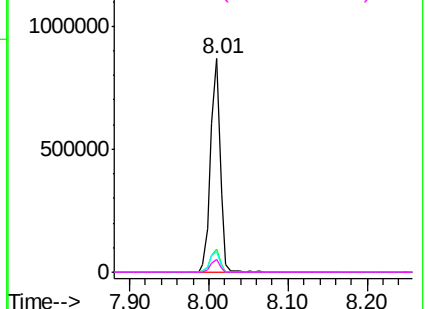
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120003.D
Acq: 15 Apr 2020 19:37

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-009-ABCD

Tot Ion:136	Resp:	732177
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.7 13.1
54	9.8	8.5 12.7
68	5.7	3.9 5.9

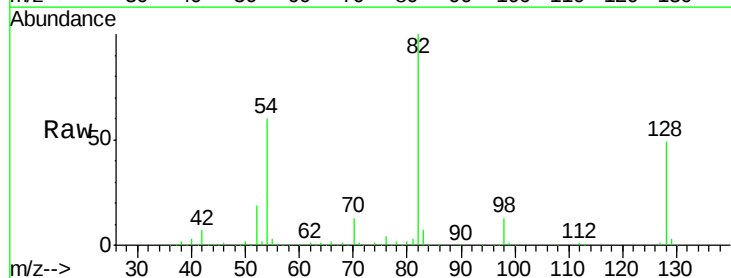


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

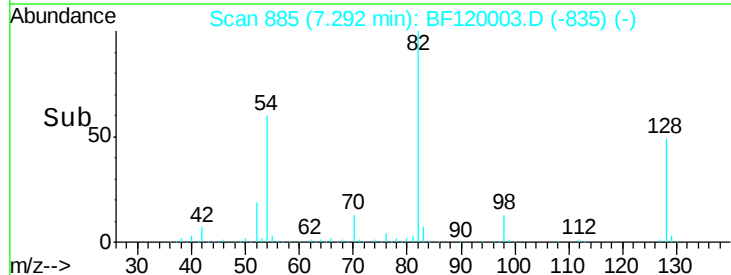
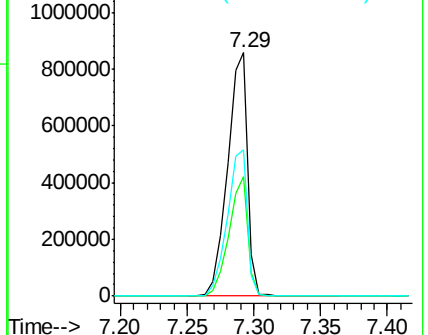


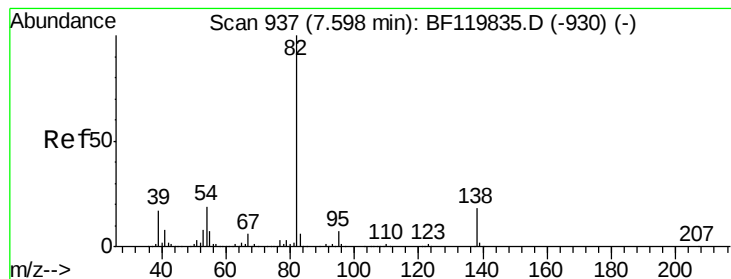
#23
Nitrobenzene-d5
Concen: 64.001 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF120003.D
Acq: 15 Apr 2020 19:37

Tgt Ion: 82	Resp:	905800
Ion	Ratio	Lower Upper
82	100	
128	48.9	36.2 54.4
54	60.3	50.4 75.6



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: 32.988 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF120003.D

Acq: 15 Apr 2020 19:37

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-009-ABCD

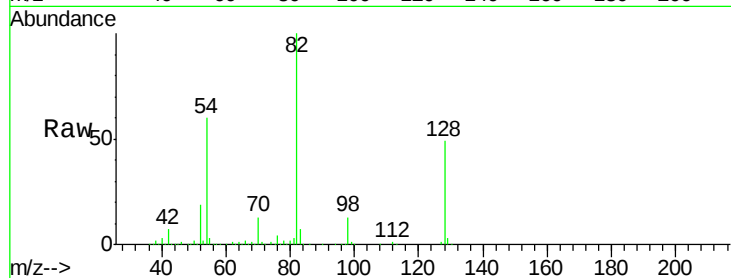
Tot Ion: 82 Resp: 900007

Ion Ratio Lower Upper

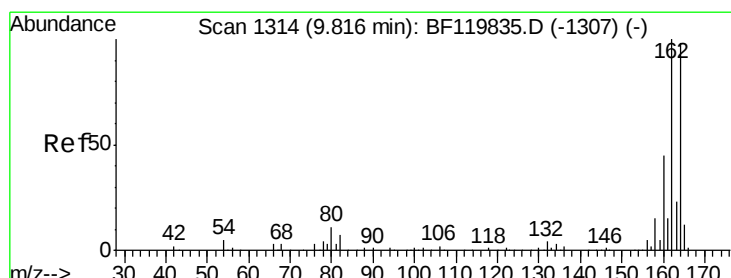
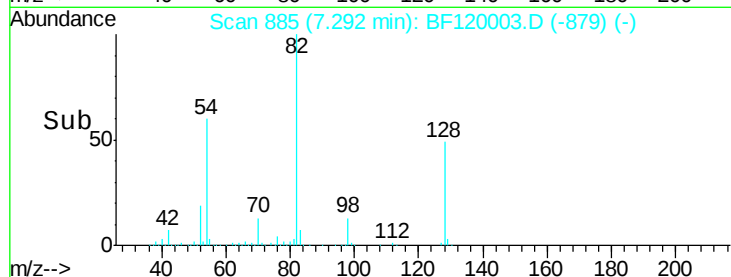
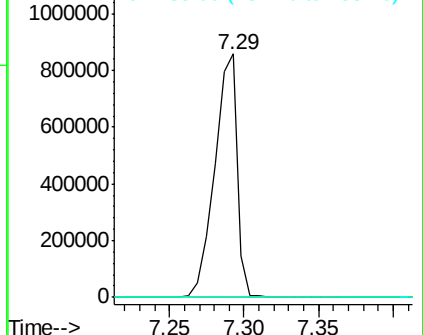
82 100

95 0.0 5.8 8.6#

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# 1305

Delta R.T. -0.01 min

Lab File: BF120003.D

Acq: 15 Apr 2020 19:37

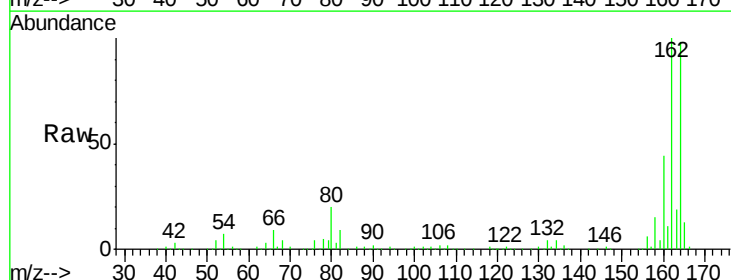
Tgt Ion:164 Resp: 393753

Ion Ratio Lower Upper

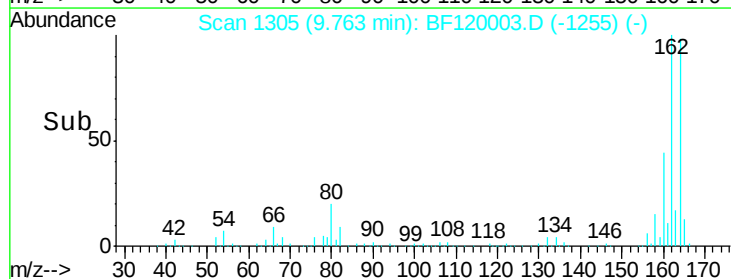
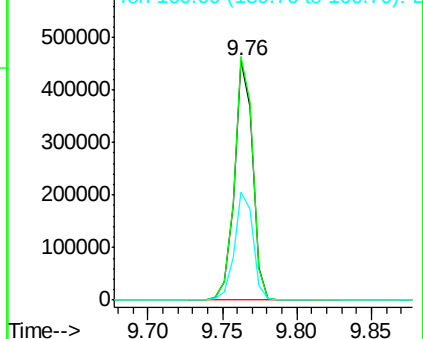
164 100

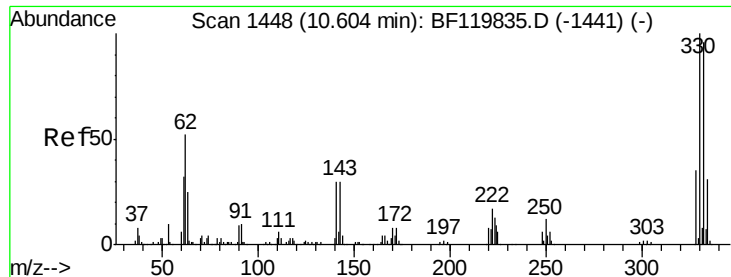
162 101.8 81.9 122.9

160 45.1 36.6 54.8



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

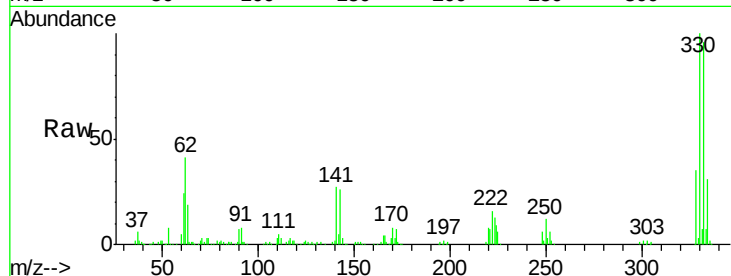




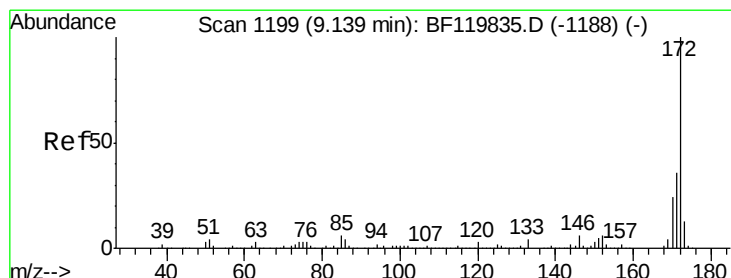
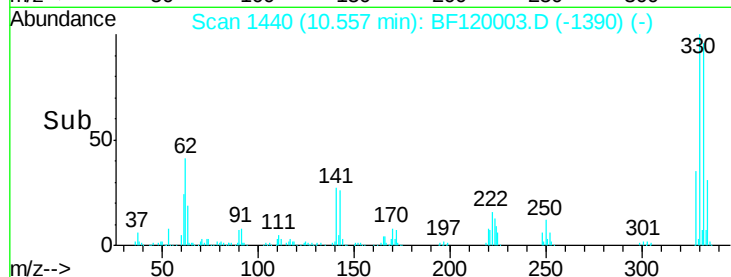
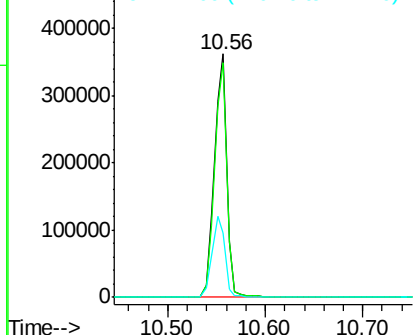
#42
 2,4,6-Tribromophenol
 Concen: 66.515 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF120003.D
 Acq: 15 Apr 2020 19:37

Instrument :
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 FK-BPM-04-009-ABCD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.8	115.2
141	34.5	25.1	37.7

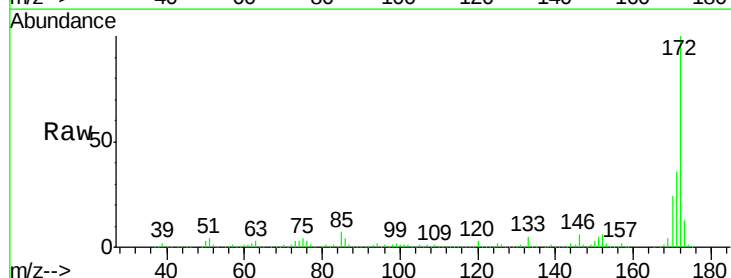


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

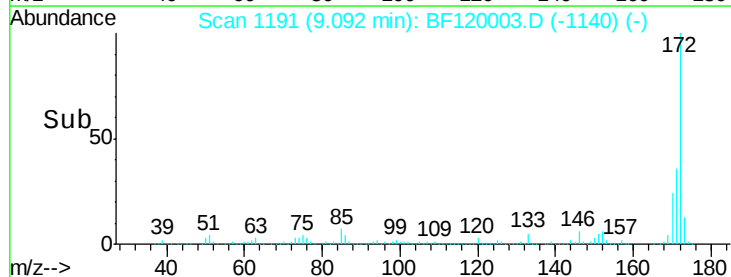
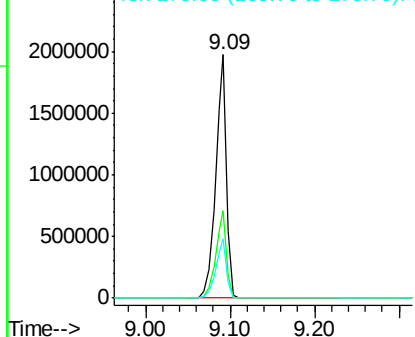


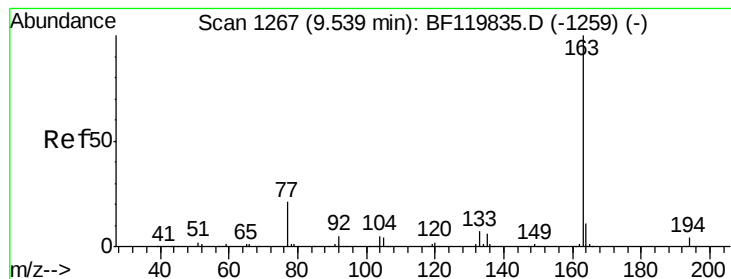
#45
 2-Fluorobiphenyl
 Concen: 64.899 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF120003.D
 Acq: 15 Apr 2020 19:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	24.2	19.4	29.2



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: 11.419 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BF120003.D

Acq: 15 Apr 2020 19:37

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-009-ABCD

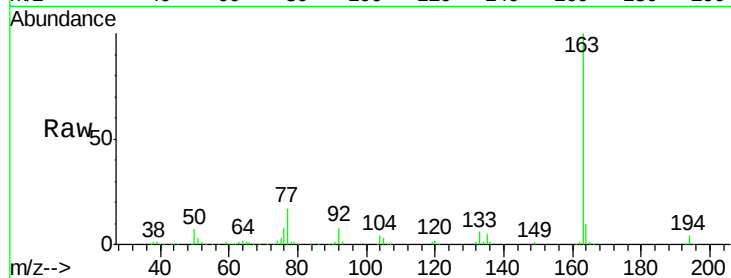
Tot Ion:163 Resp: 347794

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

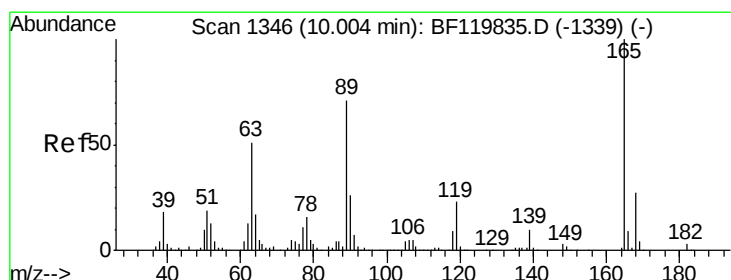
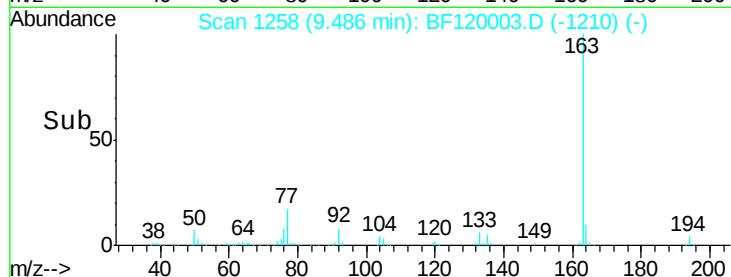
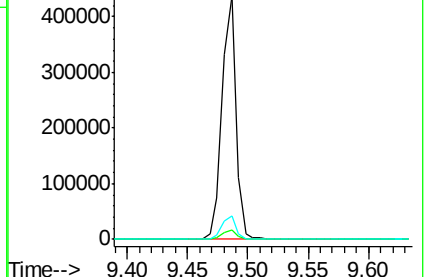
164 9.6 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 5.822 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.20 min

Lab File: BF120003.D

Acq: 15 Apr 2020 19:37

Tgt Ion:165 Resp: 51159

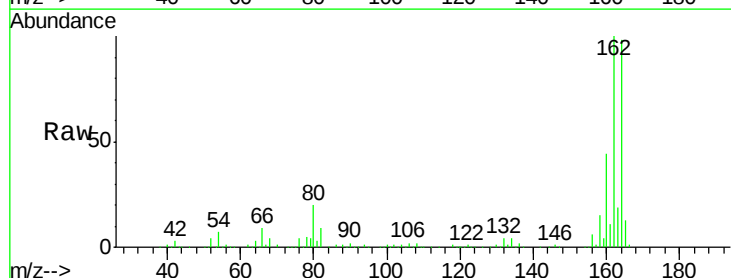
Ion Ratio Lower Upper

165 100

63 1.2 40.8 61.2#

89 1.4 56.9 85.3#

182 0.0 2.0 3.0#

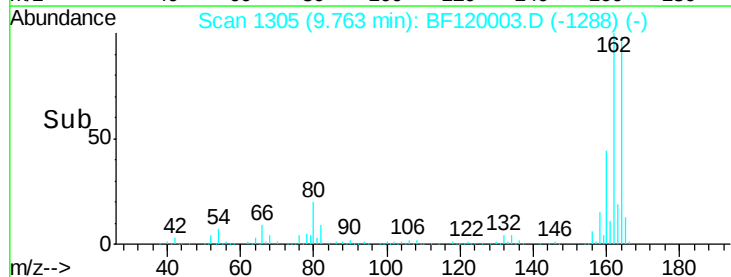
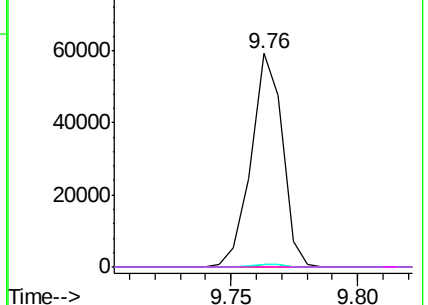


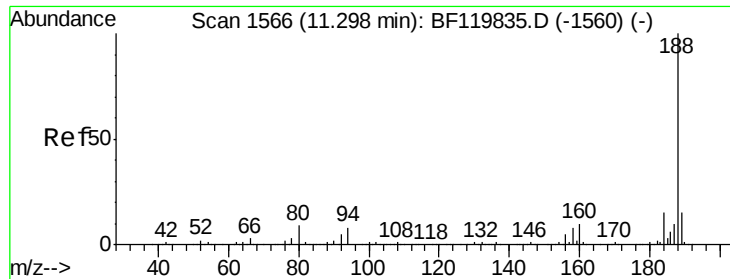
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF120003.D

Acq: 15 Apr 2020 19:37

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-009-ABCD

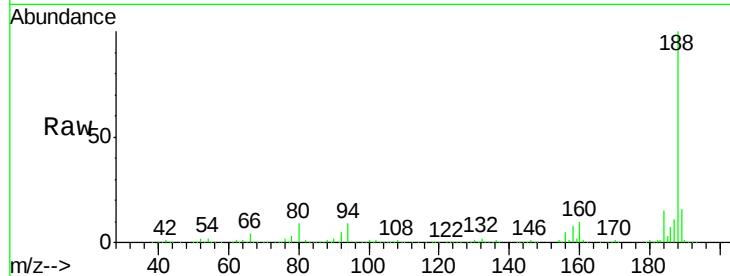
Tot Ion:188 Resp: 760736

Ion Ratio Lower Upper

188 100

94 9.2 6.7 10.1

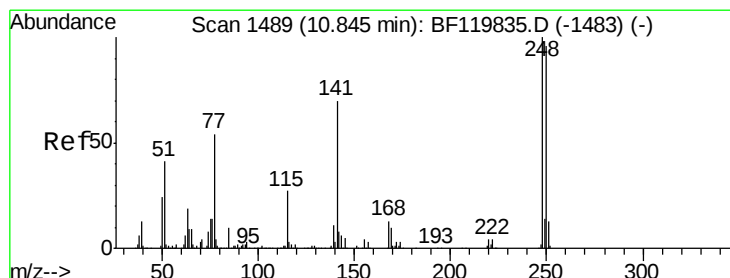
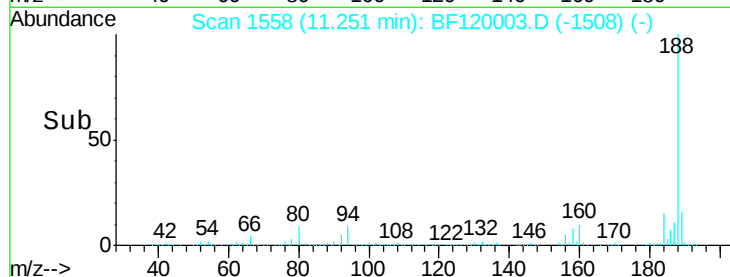
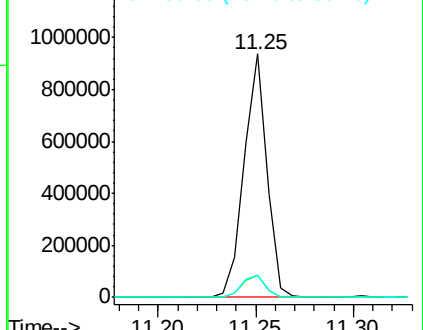
80 9.4 7.4 11.2



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: 2.176 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.25 min

Lab File: BF120003.D

Acq: 15 Apr 2020 19:37

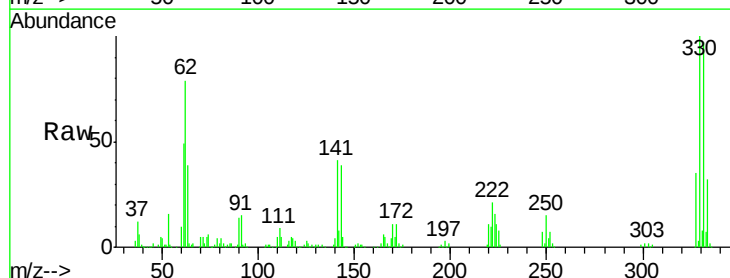
Tgt Ion:248 Resp: 20585

Ion Ratio Lower Upper

248 100

250 204.0 76.6 114.8#

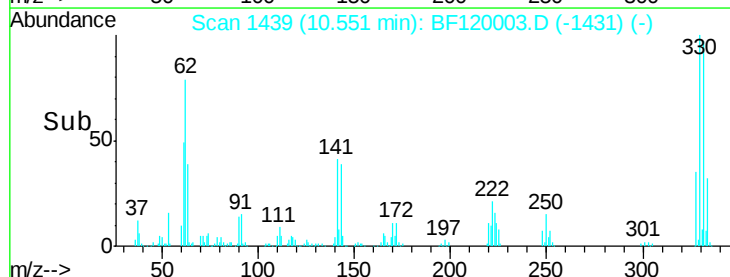
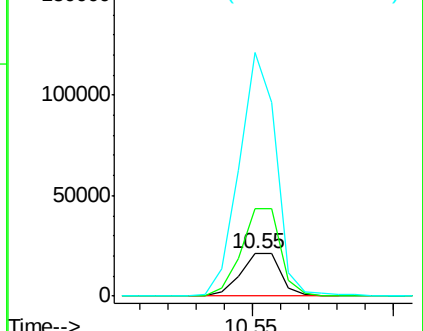
141 571.5 55.9 83.9#

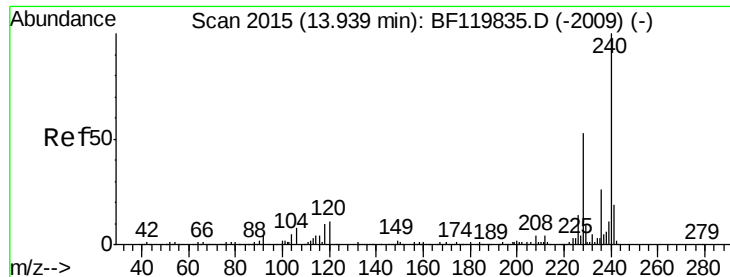


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF120003.D

Acq: 15 Apr 2020 19:37

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-009-ABCD

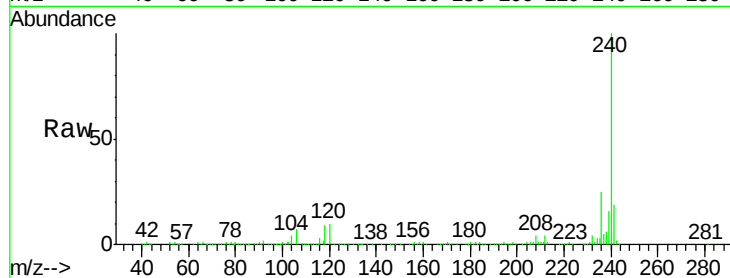
Tot Ion:240 Resp: 617202

Ion Ratio Lower Upper

240 100

120 9.9 9.0 13.6

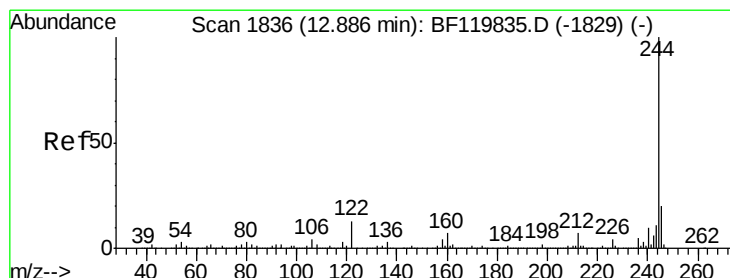
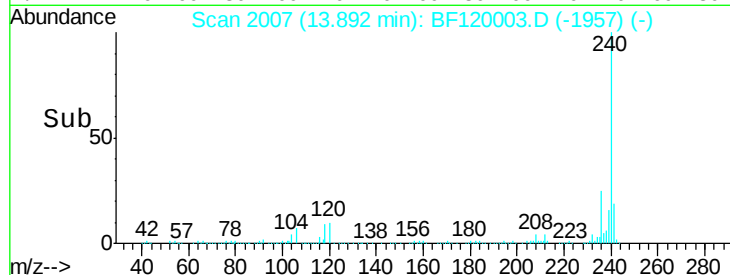
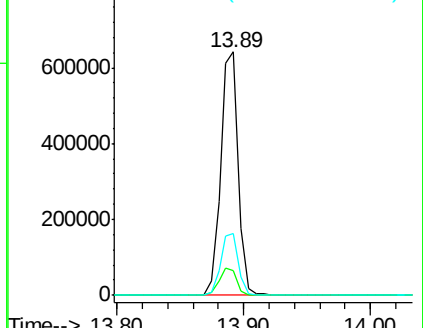
236 25.3 20.7 31.1



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: 59.582 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF120003.D

Acq: 15 Apr 2020 19:37

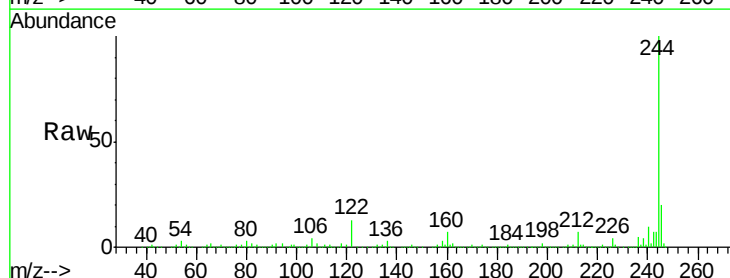
Tgt Ion:244 Resp: 2185497

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

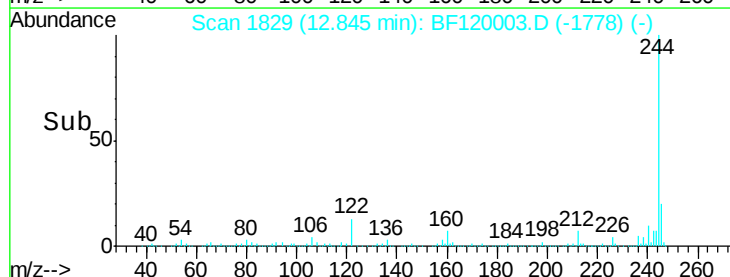
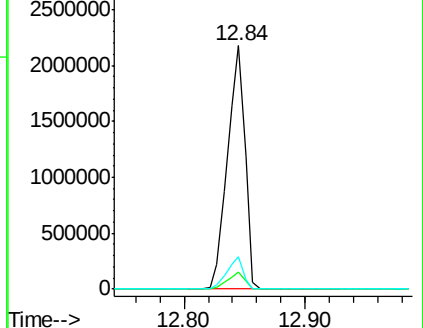
122 13.1 10.3 15.5

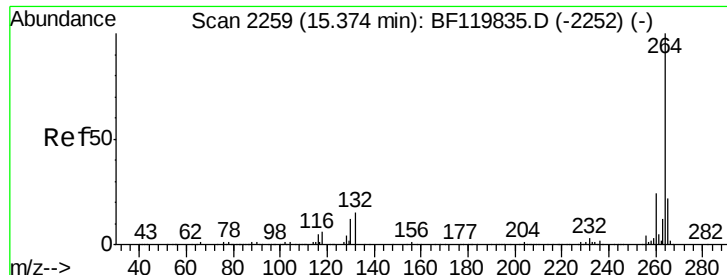


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. -0.00 min
 Lab File: BF120003.D
 Acq: 15 Apr 2020 19:37

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-009-ABCD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	22.0	17.6	26.4

