

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119921.D
 Acq On : 13 Apr 2020 18:07
 Operator : MA/SJ
 Sample : L2224-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Apr 14 00:42:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

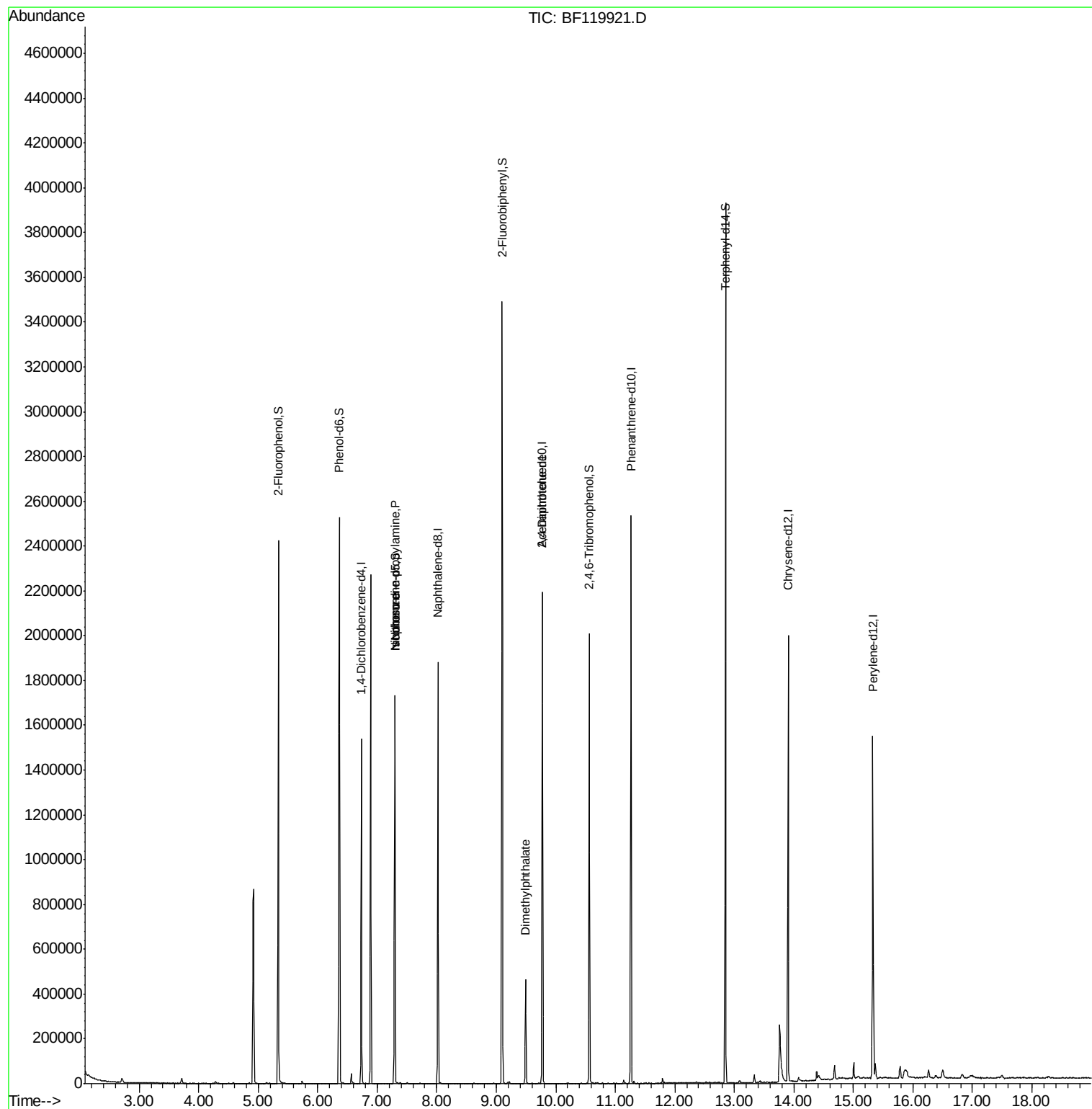
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	210879	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	819565	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	439622	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	867129	20.00	ng	0.00
76) Chrysene-d12	13.90	240	707011	20.00	ng	0.00
87) Perylene-d12	15.33	264	692208	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	600117	49.18	ng	0.00
7) Phenol-d6	6.36	99	808378	51.41	ng	-0.02
23) Nitrobenzene-d5	7.30	82	512508	32.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	221557	41.16	ng	-0.01
45) 2-Fluorobiphenyl	9.10	172	1047452	33.83	ng	-0.01
79) Terphenyl-d14	12.85	244	1334428	31.76	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.36	77	998	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.30	70	66246	6.552 ng	#	77
25) Isophorone	7.30	82	511442	16.747 ng	#	65
50) Dimethylphthalate	9.49	163	166748	4.904 ng	#	99
57) 2,4-Dinitrotoluene	9.77	165	55804	5.688 ng	#	23

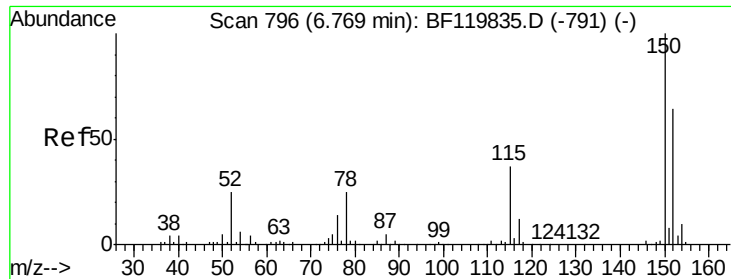
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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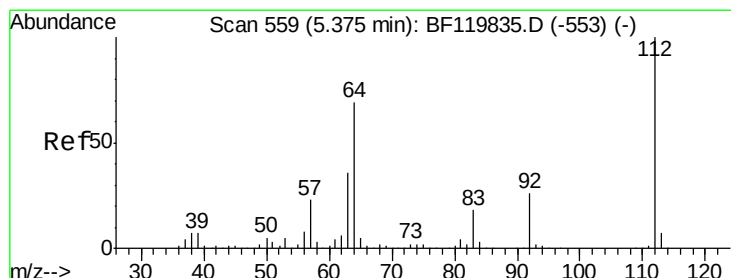
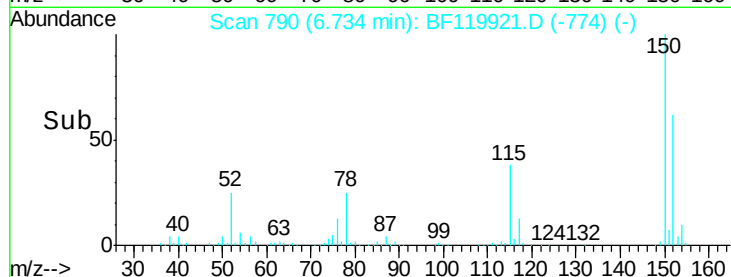
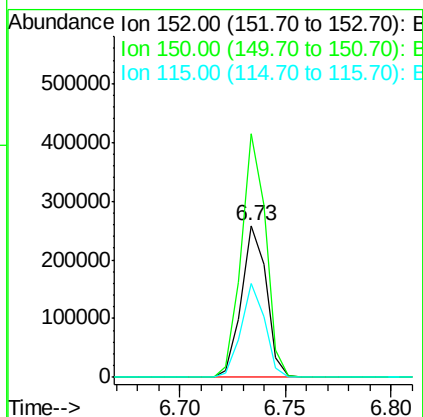
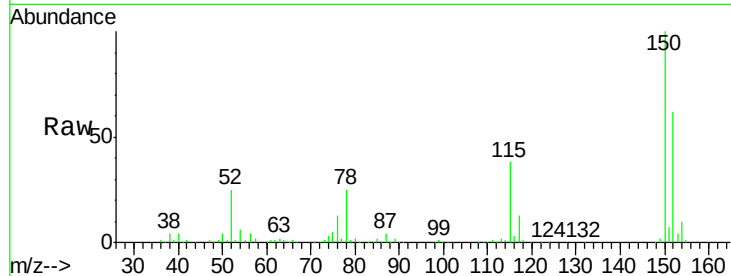


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119921.D
 Acq: 13 Apr 2020 18:07

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

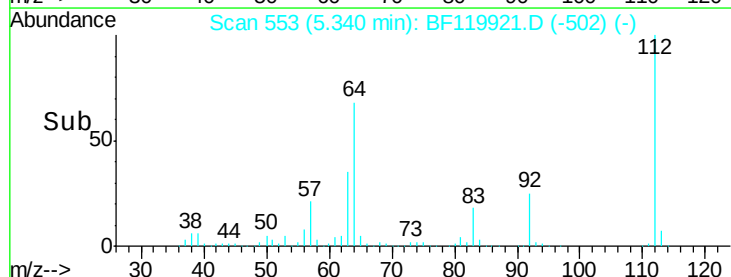
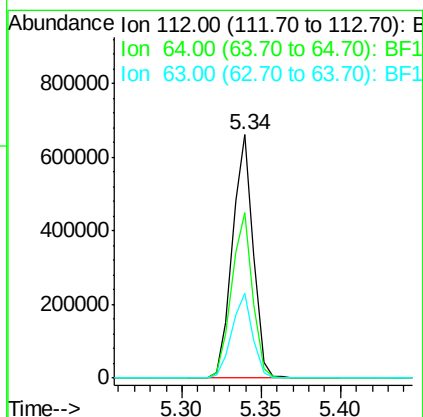
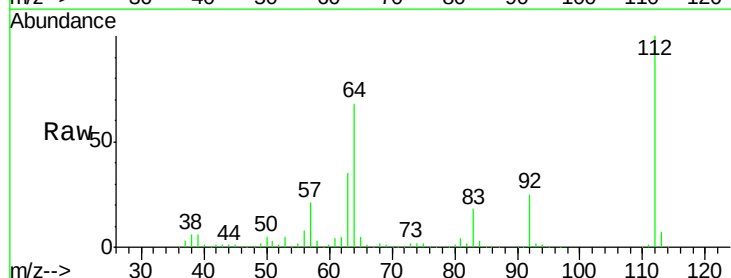
Tot Ion:152 Resp: 210879
 Ion Ratio Lower Upper
 152 100
 150 160.5 124.8 187.2
 115 61.8 46.5 69.7

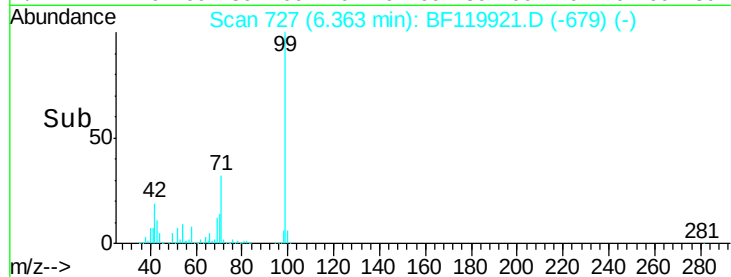
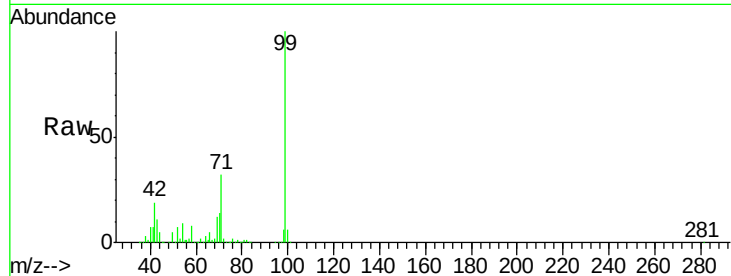
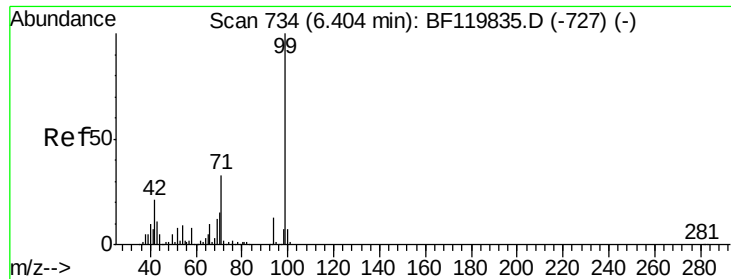


#5

2-Fluorophenol
 Concen: 49.180 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: BF119921.D
 Acq: 13 Apr 2020 18:07

Tgt Ion:112 Resp: 600117
 Ion Ratio Lower Upper
 112 100
 64 68.0 55.5 83.3
 63 35.0 29.1 43.7





#7

Phenol-d6

Concen: 51.413 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF119921.D

Acq: 13 Apr 2020 18:07

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-009-ABCD

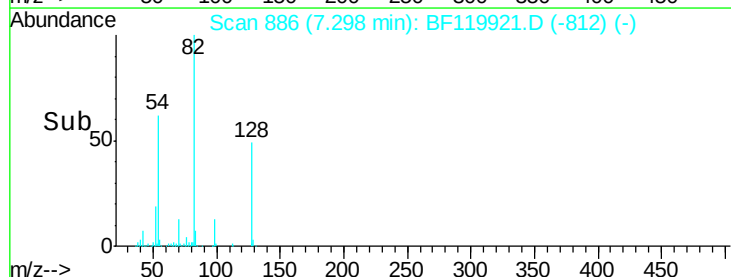
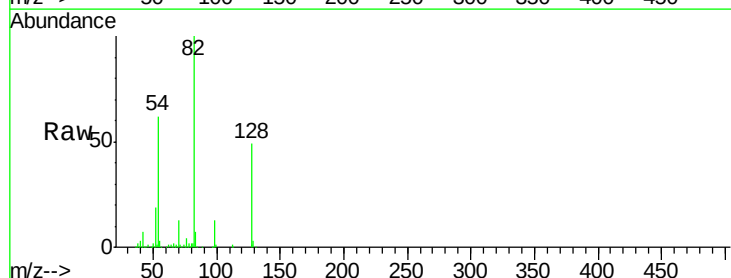
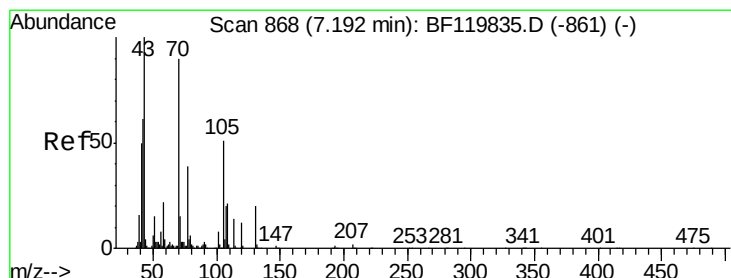
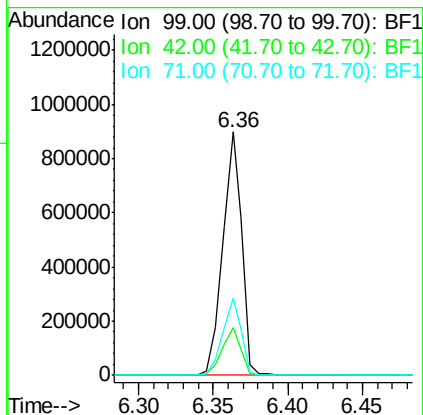
Tot Ion: 99 Resp: 808378

Ion Ratio Lower Upper

99 100

42 19.5 16.9 25.3

71 31.5 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 6.552 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF119921.D

Acq: 13 Apr 2020 18:07

Tgt Ion: 70 Resp: 66246

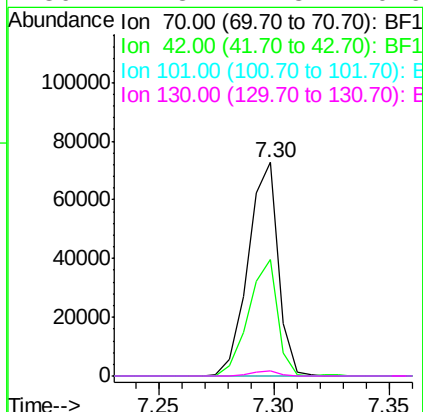
Ion Ratio Lower Upper

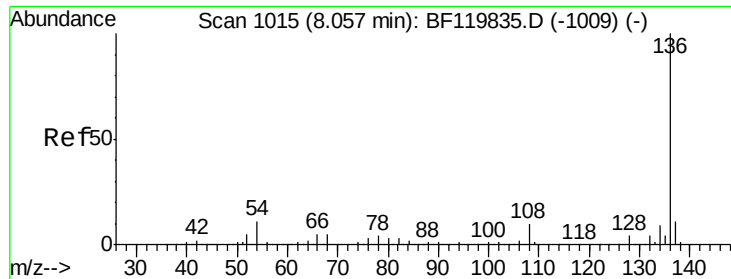
70 100

42 54.4 54.2 81.4

101 0.0 7.4 11.2#

130 2.3 17.8 26.6#

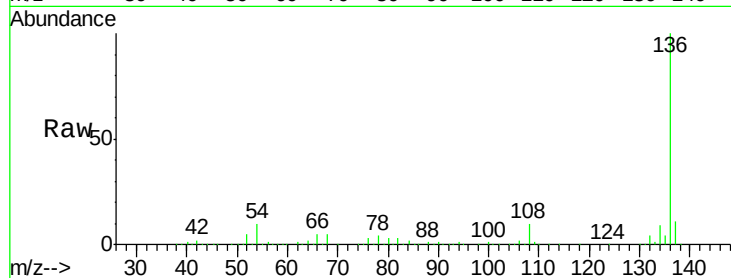




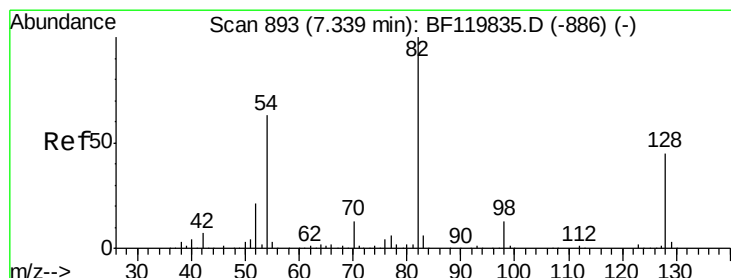
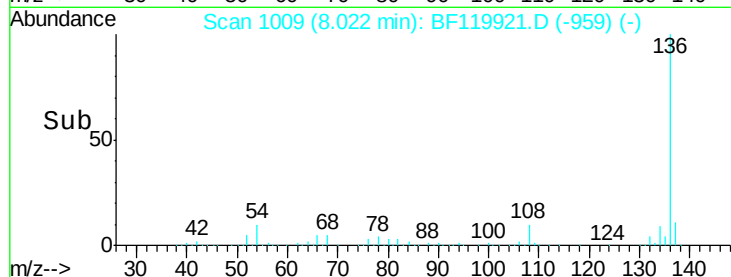
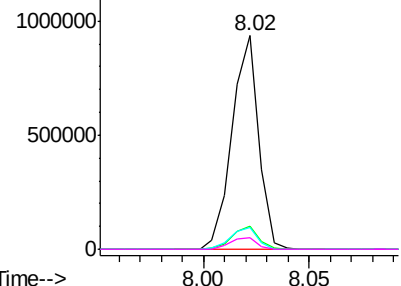
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119921.D
Acq: 13 Apr 2020 18:07

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

Tot Ion:136	Resp:	819565
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.7 13.1
54	10.0	8.5 12.7
68	5.3	3.9 5.9

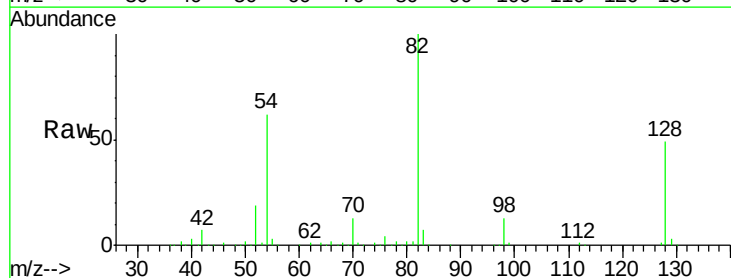


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

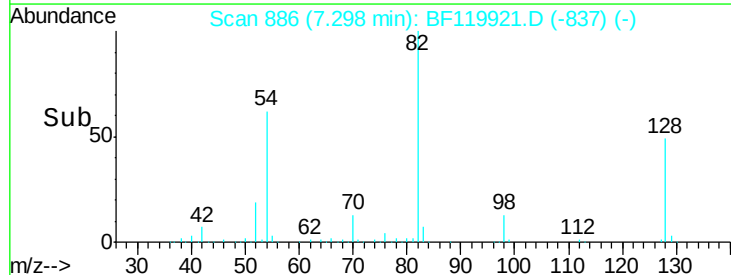
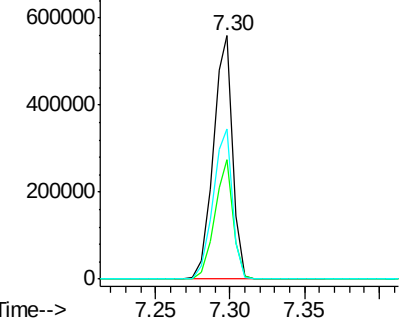


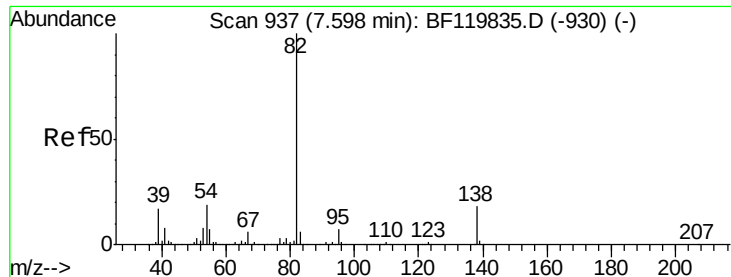
#23
Nitrobenzene-d5
Concen: 32.351 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF119921.D
Acq: 13 Apr 2020 18:07

Tgt Ion: 82	Resp:	512508
Ion Ratio	Lower	Upper
82	100	
128	48.8	36.2 54.4
54	61.7	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: 16.747 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.27 min

Lab File: BF119921.D

Acq: 13 Apr 2020 18:07

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-009-ABCD

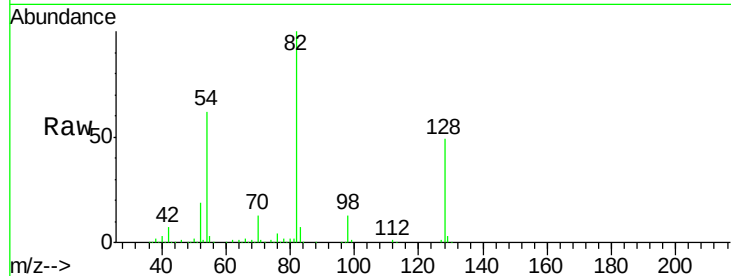
Tot Ion: 82 Resp: 511442

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

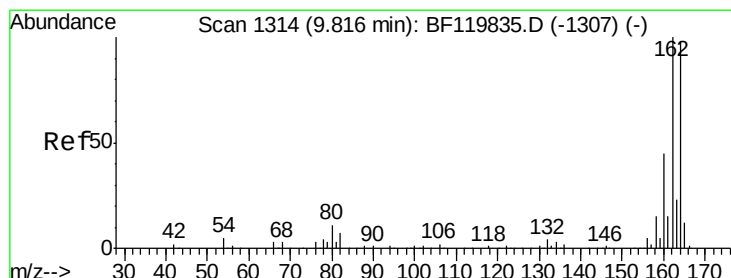
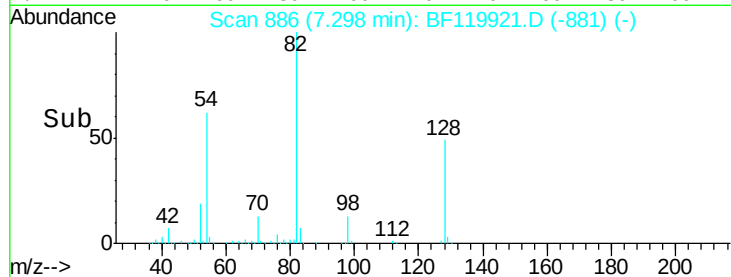
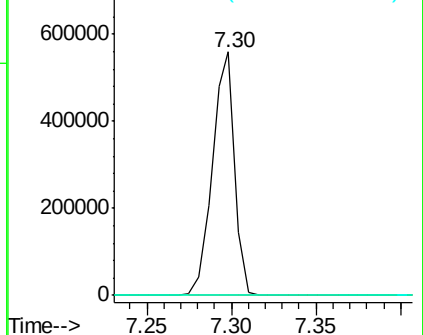
138 0.0 14.5 21.7#



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: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119921.D

Acq: 13 Apr 2020 18:07

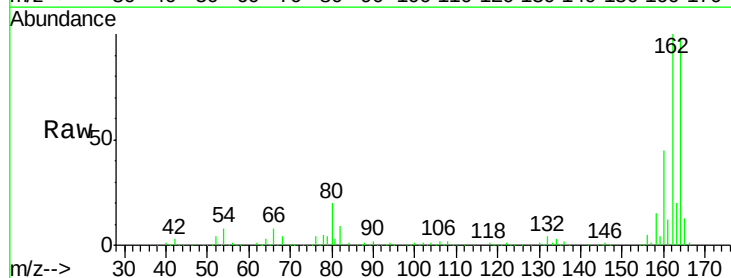
Tgt Ion: 164 Resp: 439622

Ion Ratio Lower Upper

164 100

162 102.0 81.9 122.9

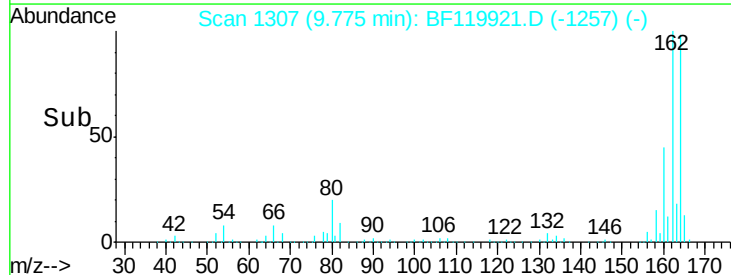
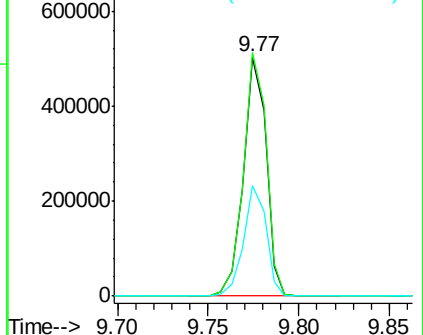
160 46.1 36.6 54.8

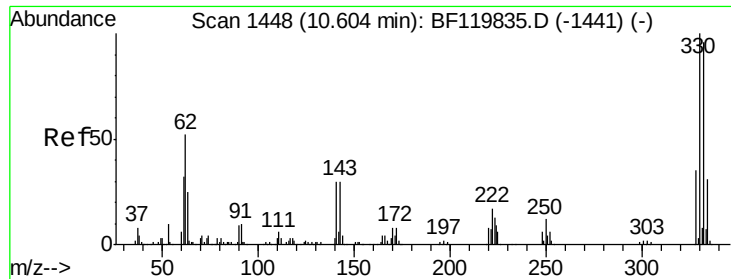


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 41.163 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF119921.D

Acq: 13 Apr 2020 18:07

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-009-ABCD

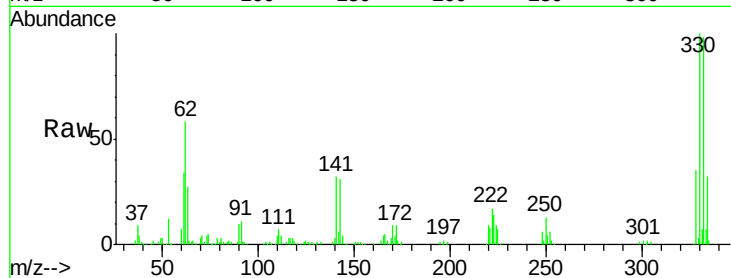
Tot Ion:330 Resp: 221557

Ion Ratio Lower Upper

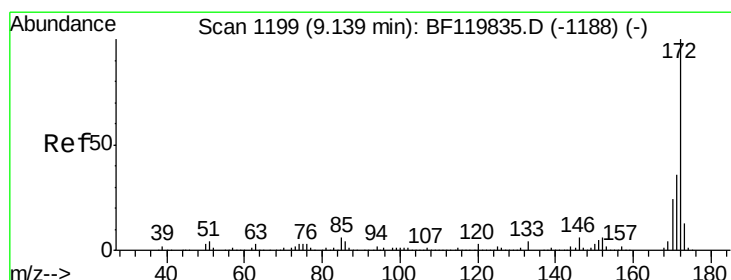
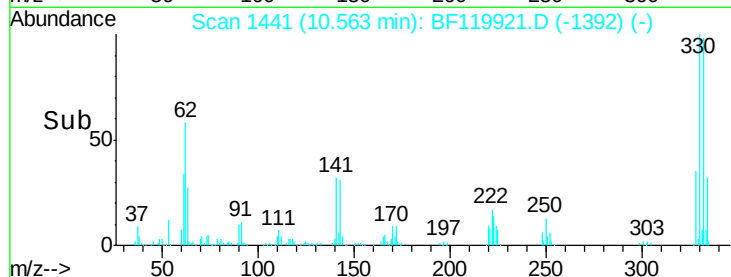
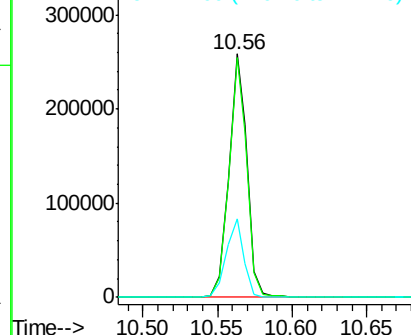
330 100

332 97.3 76.8 115.2

141 31.4 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: 33.828 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF119921.D

Acq: 13 Apr 2020 18:07

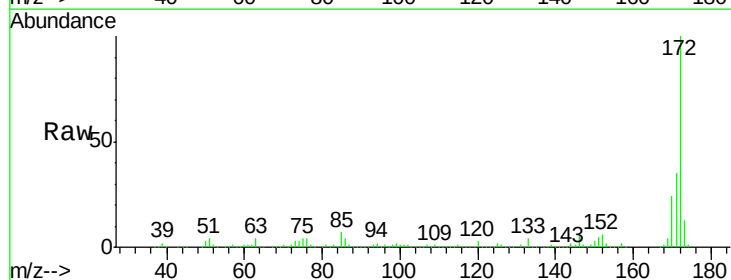
Tgt Ion:172 Resp: 1047452

Ion Ratio Lower Upper

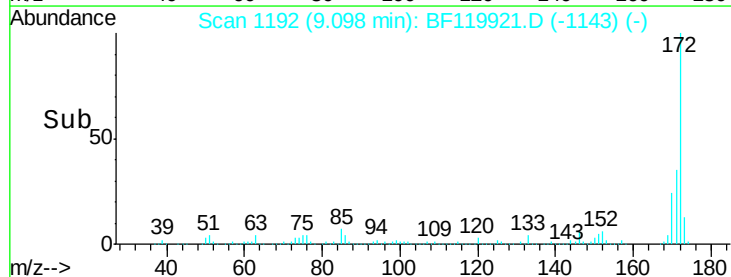
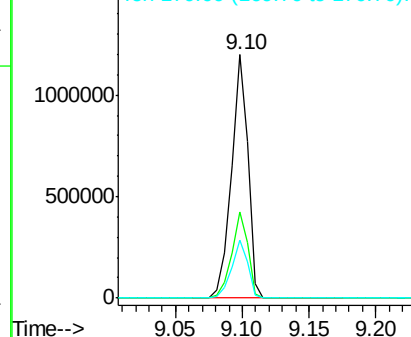
172 100

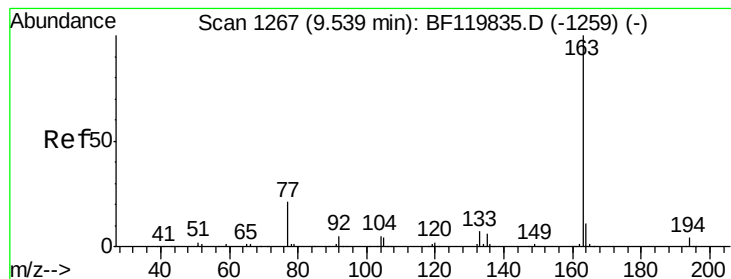
171 35.4 28.9 43.3

170 23.9 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: 4.904 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119921.D

Acq: 13 Apr 2020 18:07

Instrument :

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FK-BPM-04-009-ABCD

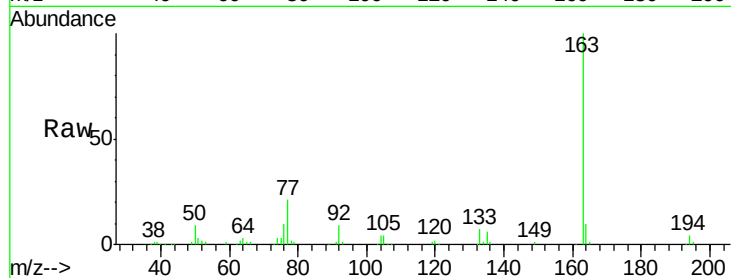
Tot Ion:163 Resp: 166748

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

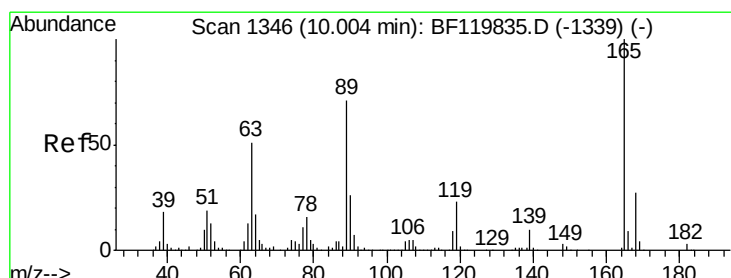
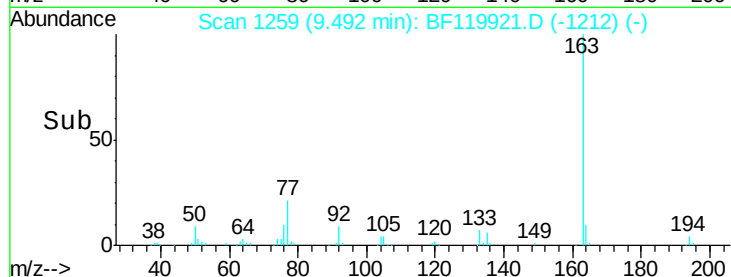
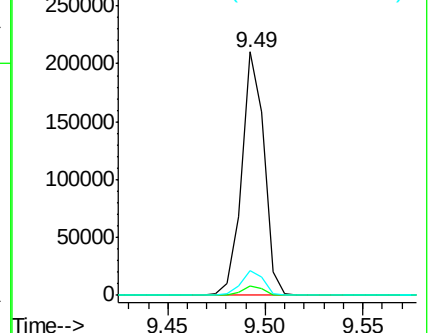
164 10.0 8.4 12.6



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: 5.688 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.20 min

Lab File: BF119921.D

Acq: 13 Apr 2020 18:07

Tgt Ion:165 Resp: 55804

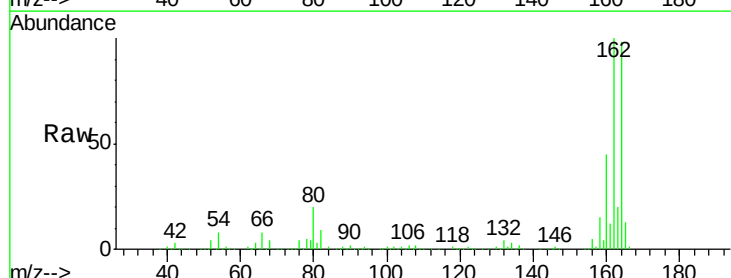
Ion Ratio Lower Upper

165 100

63 1.8 40.8 61.2#

89 1.6 56.9 85.3#

182 0.0 2.0 3.0#

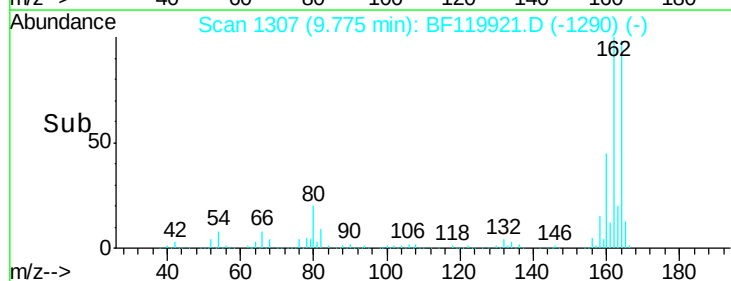
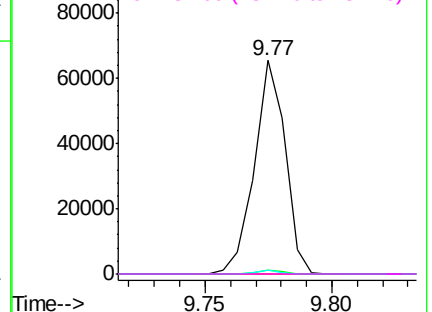


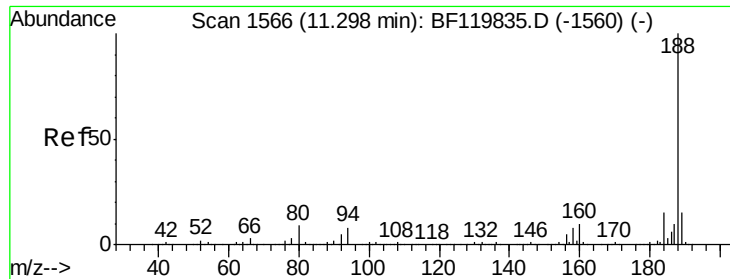
Abundance Ion 165.00 (164.70 to 165.70): E

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

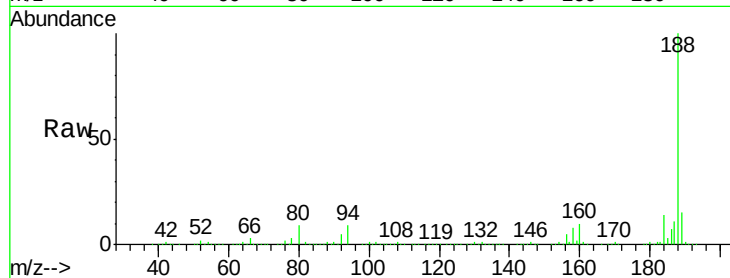




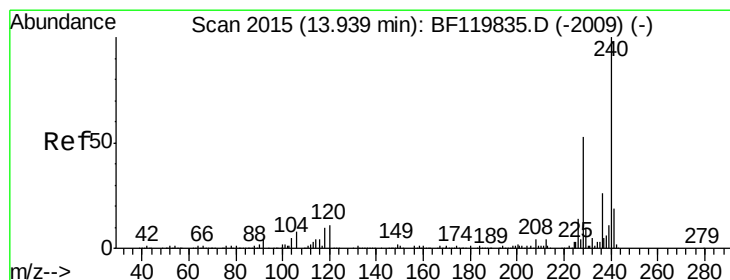
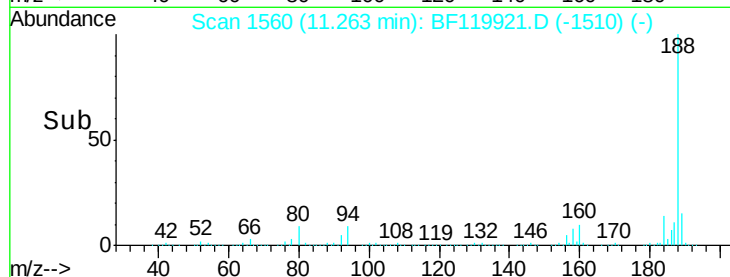
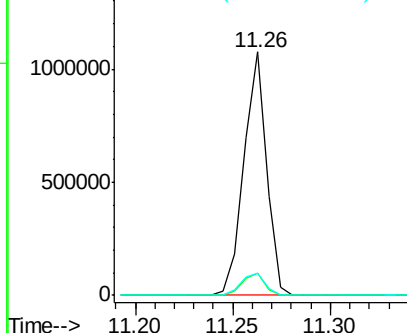
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF119921.D
Acq: 13 Apr 2020 18:07

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

Tot Ion:188 Resp: 867129
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 9.3 7.4 11.2

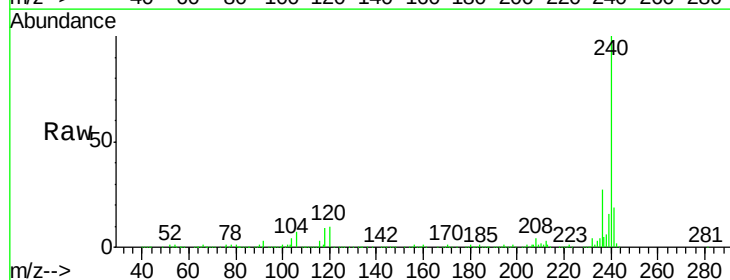


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

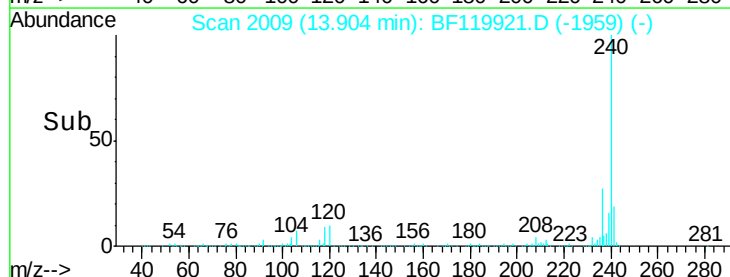
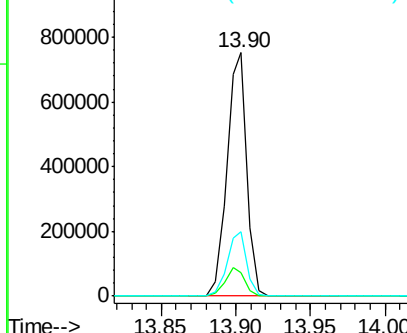


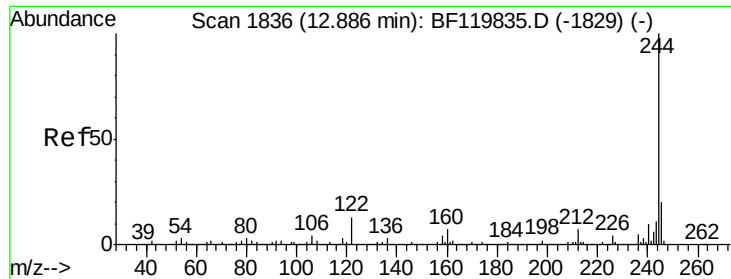
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119921.D
Acq: 13 Apr 2020 18:07

Tgt Ion:240 Resp: 707011
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.6
236 26.7 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: 31.759 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119921.D

Acq: 13 Apr 2020 18:07

Instrument :

BNA_F

ClientSampleId :

FK-BPM-04-009-ABCD

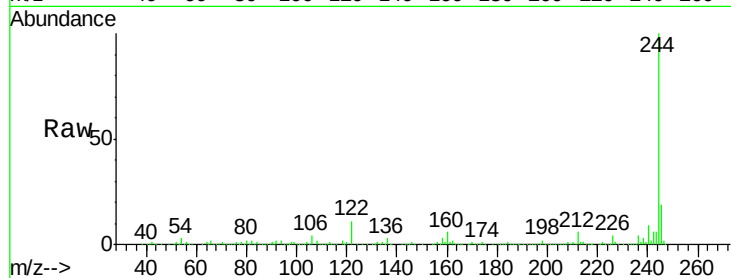
Tot Ion:244 Resp: 1334428

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

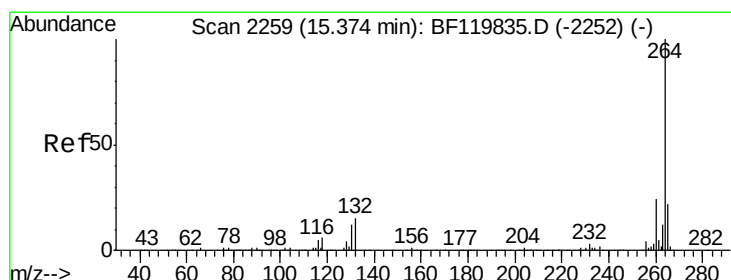
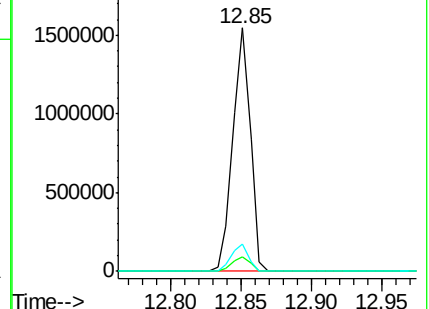
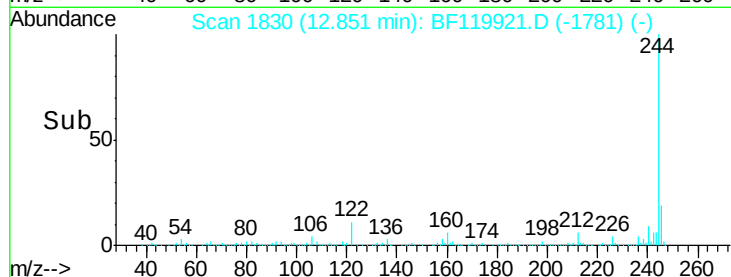
122 11.2 10.3 15.5



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: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF119921.D

Acq: 13 Apr 2020 18:07

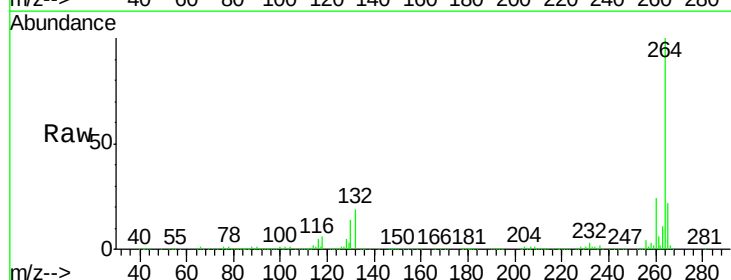
Tgt Ion:264 Resp: 692208

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 22.0 17.6 26.4



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

