

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119935.D
 Acq On : 14 Apr 2020 5:17
 Operator : MA/SJ
 Sample : PB128182TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128182TB

Quant Time: Apr 14 06:51:48 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

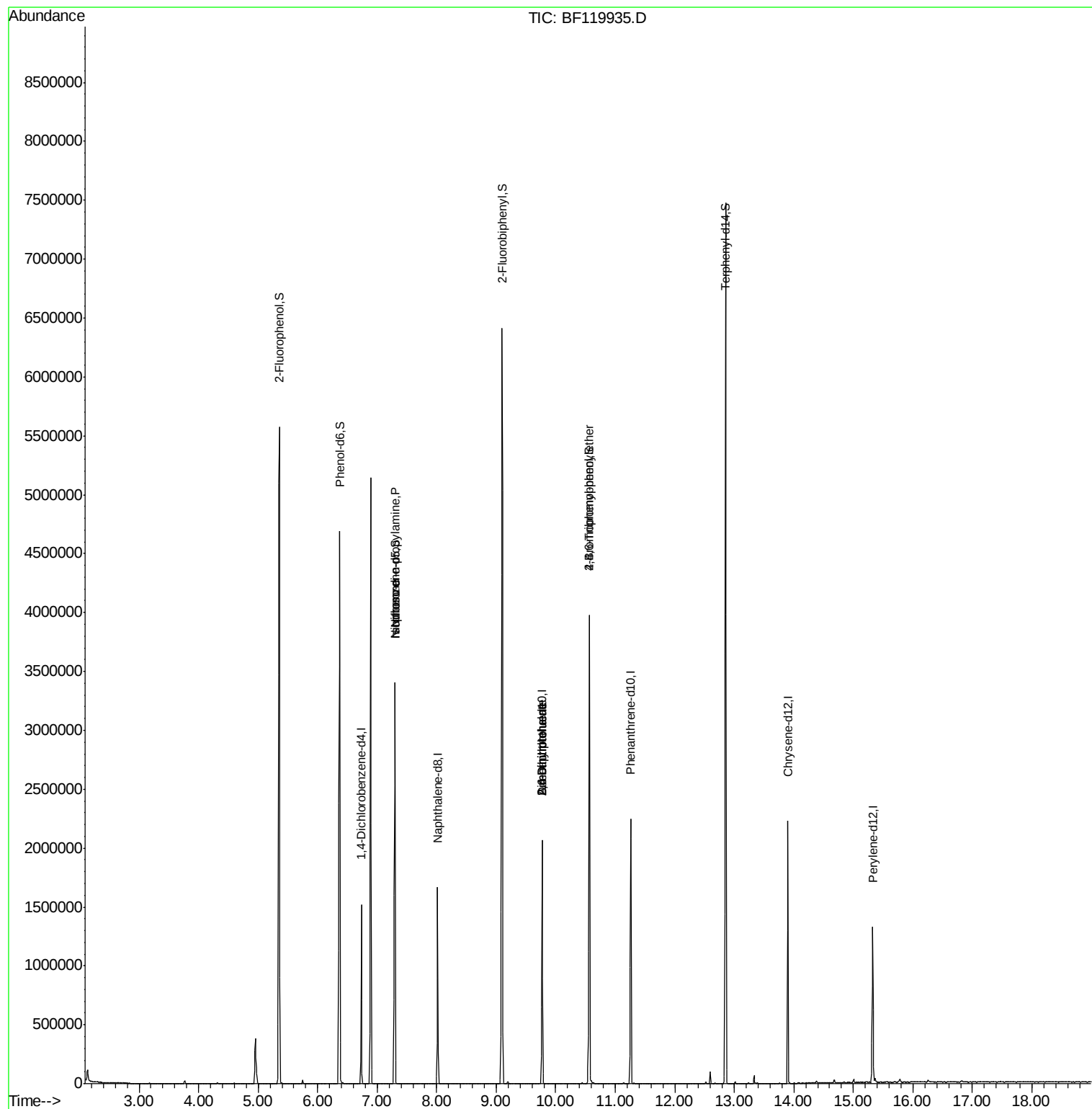
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	213959	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	831826	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	440045	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	905944	20.00	ng	-0.01
76) Chrysene-d12	13.90	240	713873	20.00	ng	-0.01
87) Perylene-d12	15.33	264	630360	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1666745	134.63	ng	0.02
7) Phenol-d6	6.37	99	2103133	131.83	ng	0.00
23) Nitrobenzene-d5	7.30	82	1332874	82.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	621802	115.41	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2509280	80.96	ng	-0.01
79) Terphenyl-d14	12.86	244	3098688	73.04	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	2851	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.30	70	172358	16.801 ng	#	74
25) Isophorone	7.30	82	1330120	42.913 ng	#	65
50) Dimethylphthalate	9.77	163	101849	2.992 ng	#	1
51) 2,6-Dinitrotoluene	9.77	165	55787	7.485 ng	#	19
57) 2,4-Dinitrotoluene	9.77	165	55787	5.681 ng	#	22
67) 4-Bromophenyl-phenylether	10.57	248	37767	3.352 ng	#	1

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

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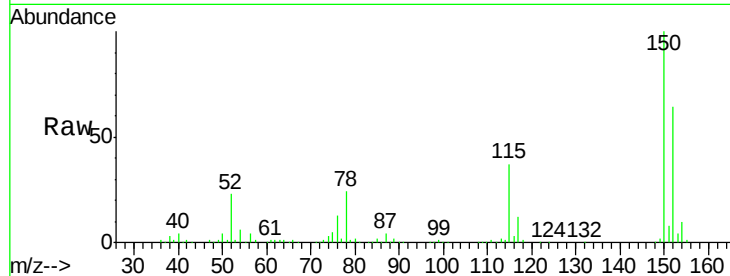


#1

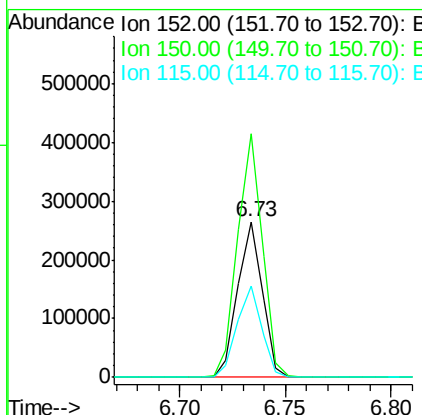
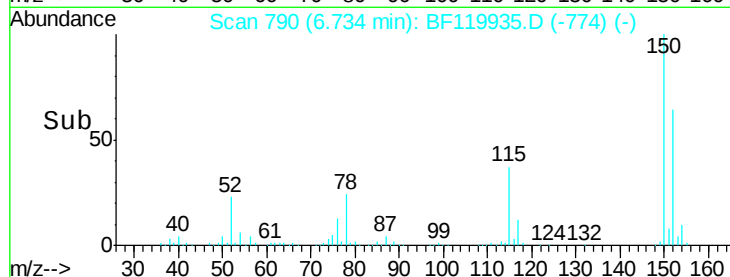
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119935.D
 Acq: 14 Apr 2020 5:17

Instrument :
 BNA_F
 ClientSampleId :
 PB128182TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.8	187.2
115	58.7	46.5	69.7



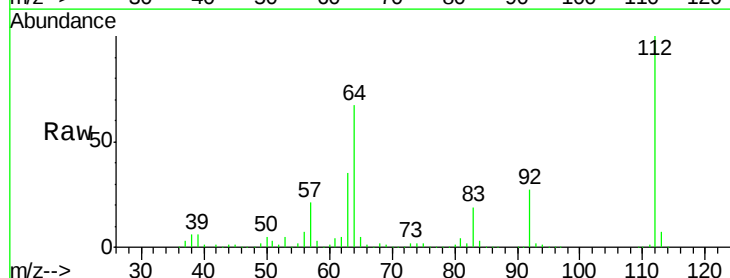
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



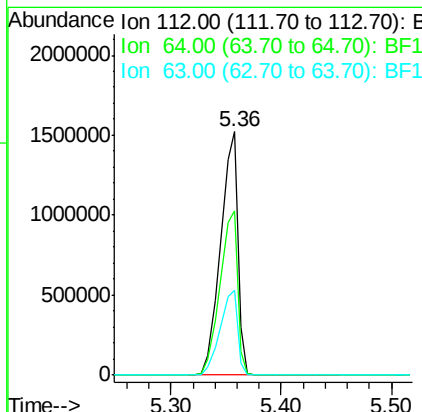
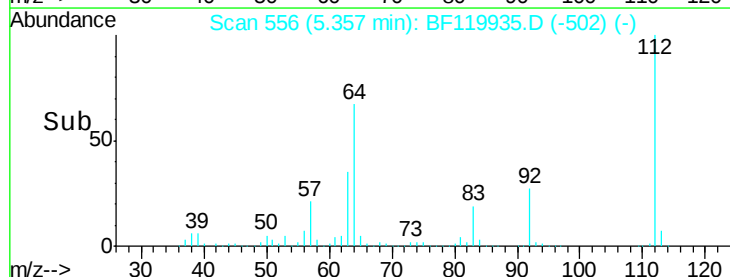
#5

2-Fluorophenol
 Concen: 134.626 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.02 min
 Lab File: BF119935.D
 Acq: 14 Apr 2020 5:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	55.5	83.3
63	34.8	29.1	43.7



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: 131.833 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119935.D

Acq: 14 Apr 2020 5:17

Instrument :

BNA_F

ClientSampleId :

PB128182TB

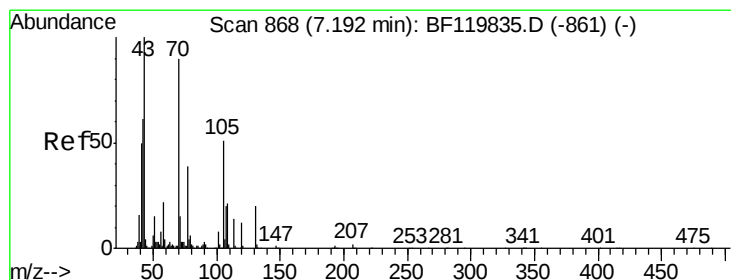
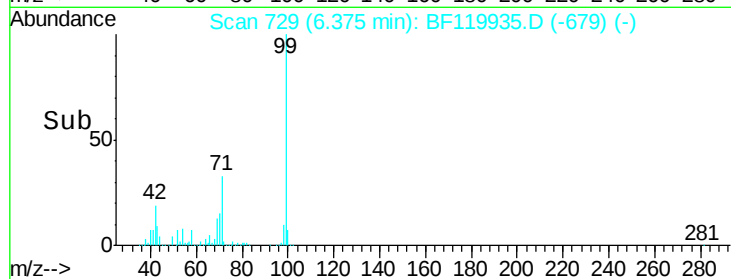
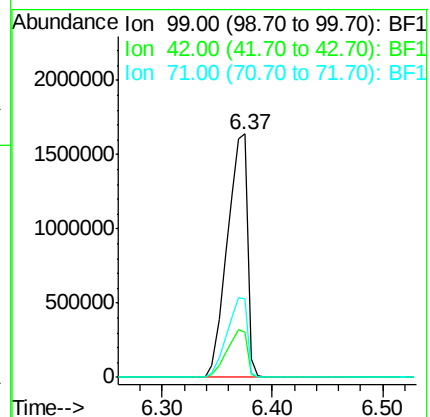
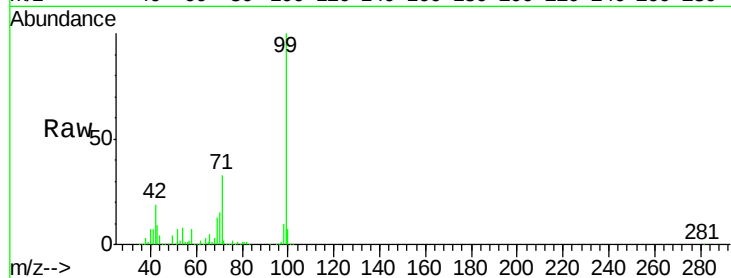
Tot Ion: 99 Resp: 2103133

Ion Ratio Lower Upper

99 100

42 18.6 16.9 25.3

71 32.5 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 16.801 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF119935.D

Acq: 14 Apr 2020 5:17

Tgt Ion: 70 Resp: 172358

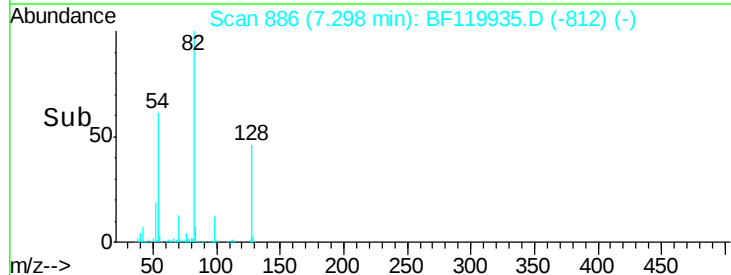
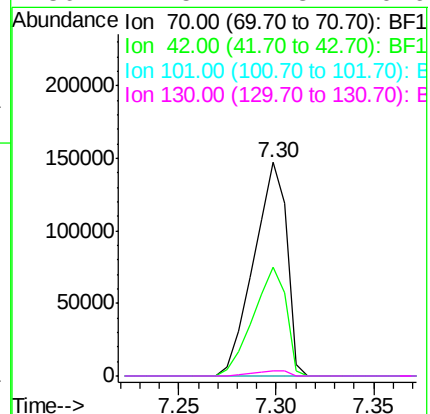
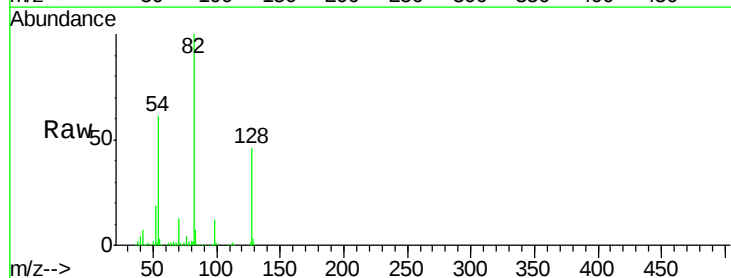
Ion Ratio Lower Upper

70 100

42 50.7 54.2 81.4#

101 0.0 7.4 11.2#

130 2.5 17.8 26.6#

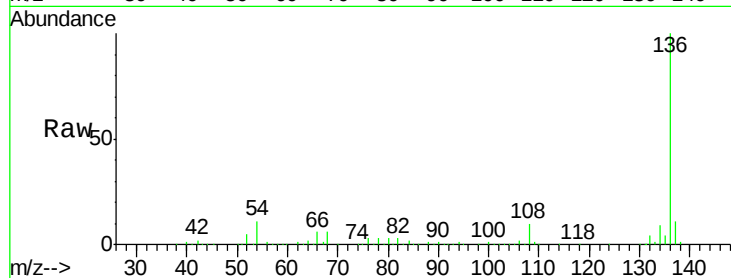




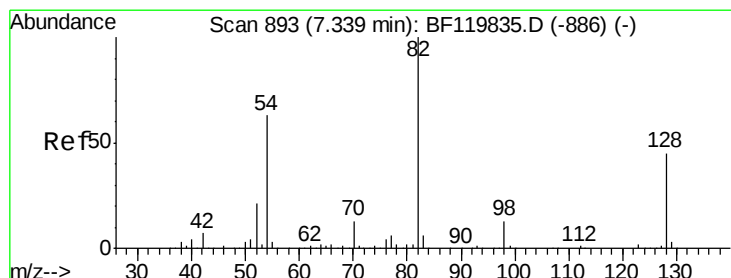
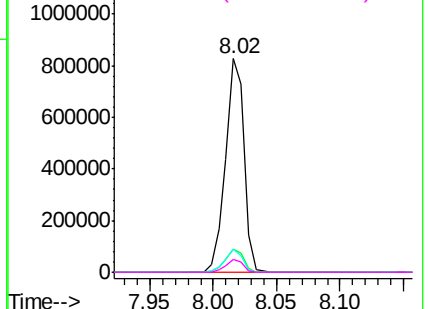
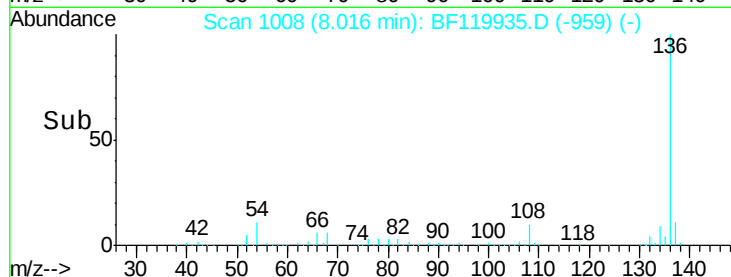
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF119935.D
Acq: 14 Apr 2020 5:17

Instrument :
BNA_F
ClientSampleId :
PB128182TB

Tot Ion:136 Resp: 831826
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 10.6 8.5 12.7
68 6.0 3.9 5.9#

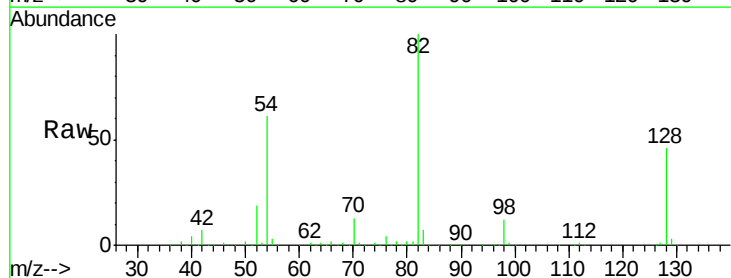


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

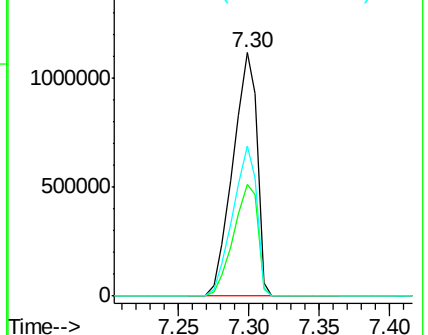
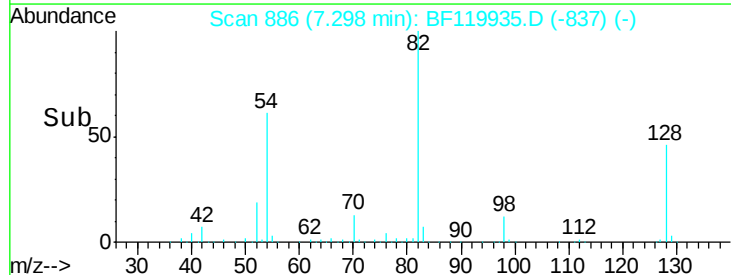


#23
Nitrobenzene-d5
Concen: 82.895 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF119935.D
Acq: 14 Apr 2020 5:17

Tgt Ion: 82 Resp: 1332874
Ion Ratio Lower Upper
82 100
128 45.8 36.2 54.4
54 61.5 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: 42.913 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.27 min

Lab File: BF119935.D

Acq: 14 Apr 2020 5:17

Instrument :

BNA_F

ClientSampleId :

PB128182TB

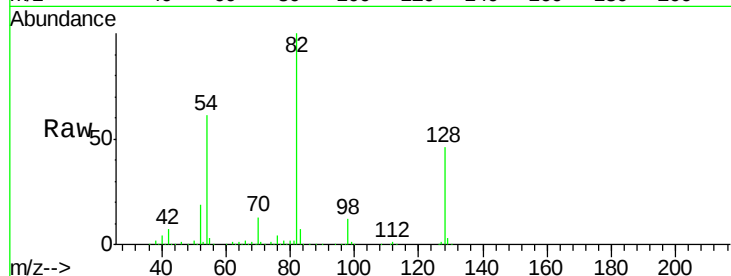
Tot Ion: 82 Resp: 1330120

Ion Ratio Lower Upper

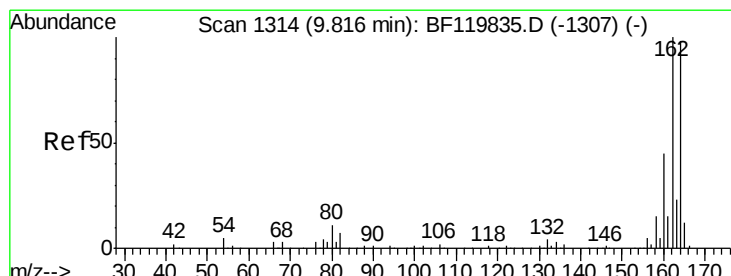
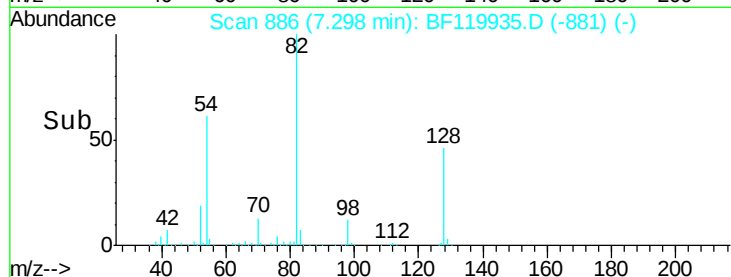
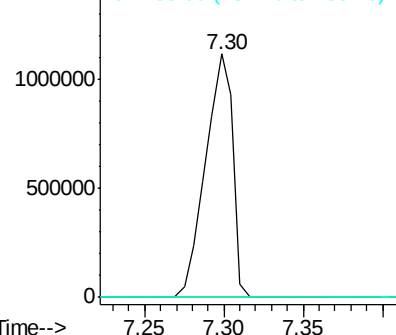
82 100

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: BF119935.D

Acq: 14 Apr 2020 5:17

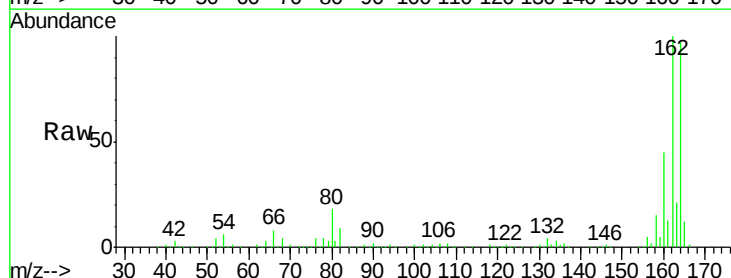
Tgt Ion:164 Resp: 440045

Ion Ratio Lower Upper

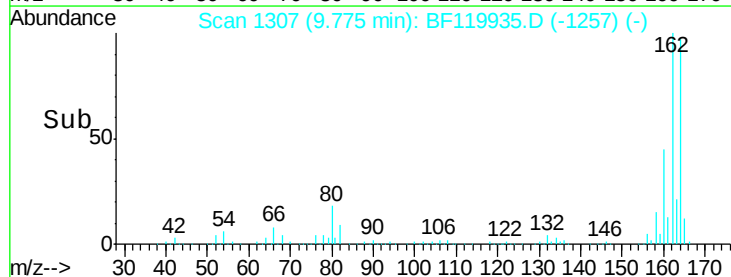
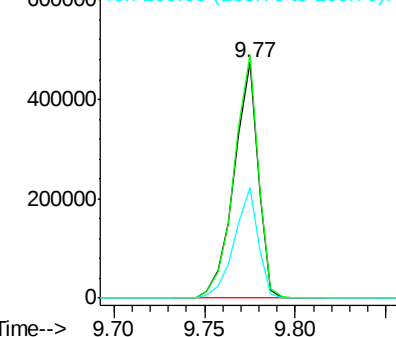
164 100

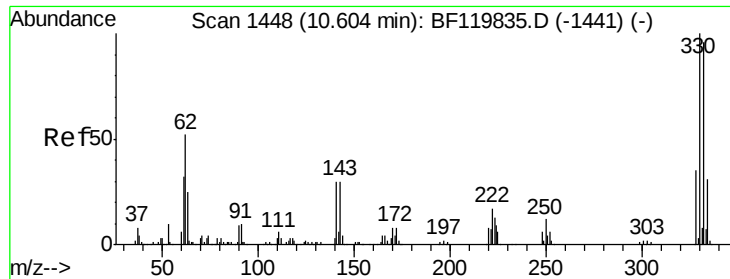
162 103.4 81.9 122.9

160 46.8 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

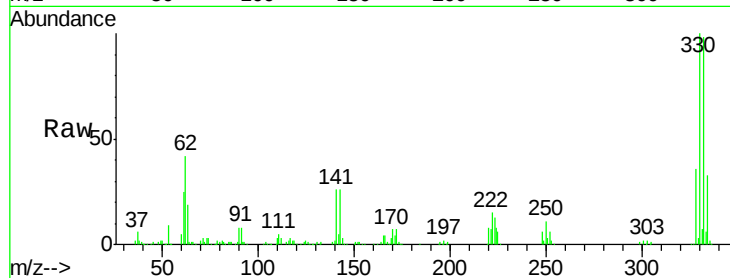




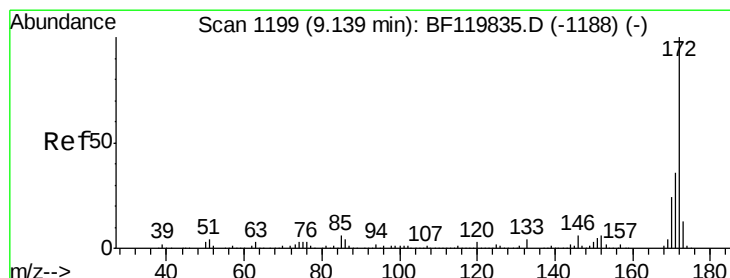
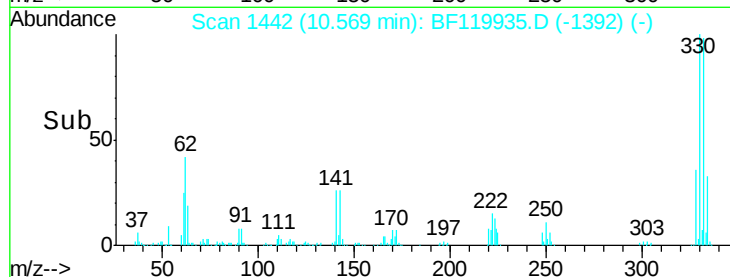
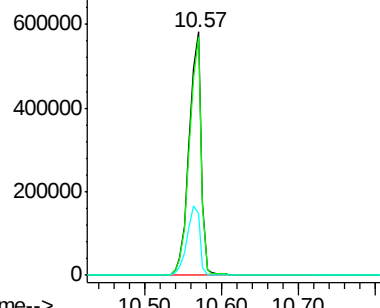
#42
 2,4,6-Tribromophenol
 Concen: 115.413 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119935.D
 Acq: 14 Apr 2020 5:17

Instrument :
 BNA_F
 ClientSampleId :
 PB128182TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.8	115.2
141	30.0	25.1	37.7

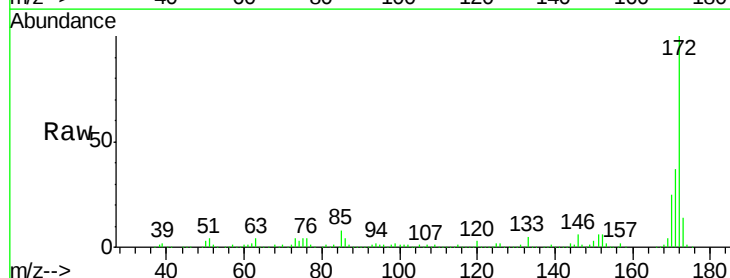


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

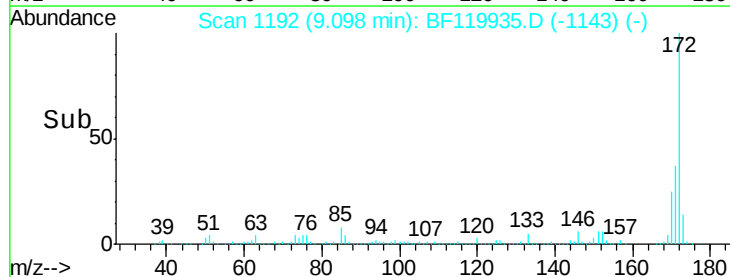
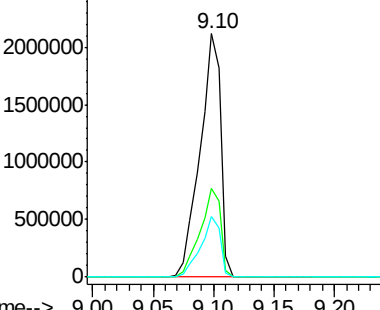


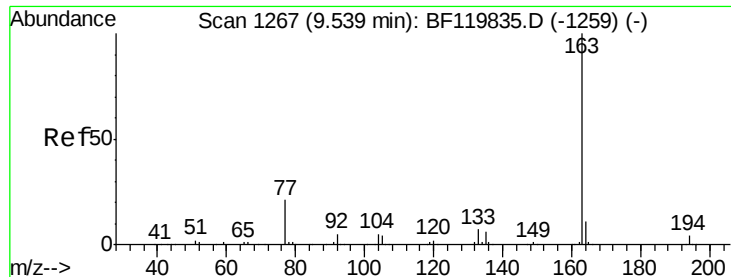
#45
 2-Fluorobiphenyl
 Concen: 80.961 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119935.D
 Acq: 14 Apr 2020 5:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.9	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: 2.992 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.26 min

Lab File: BF119935.D

Acq: 14 Apr 2020 5:17

Instrument :

BNA_F

ClientSampleId :

PB128182TB

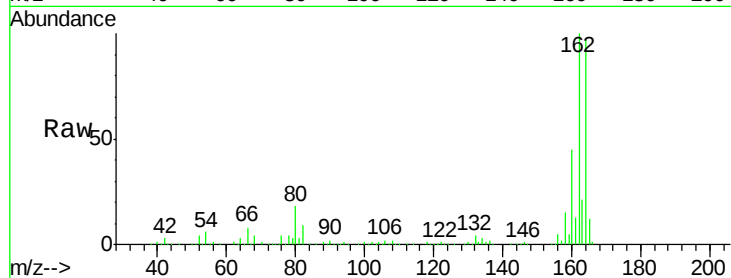
Tot Ion:163 Resp: 101849

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

164 460.6 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

600000

500000

400000

300000

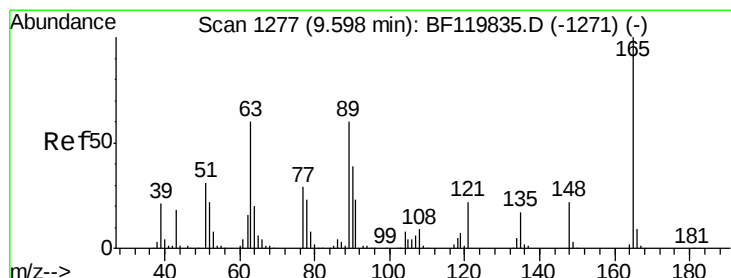
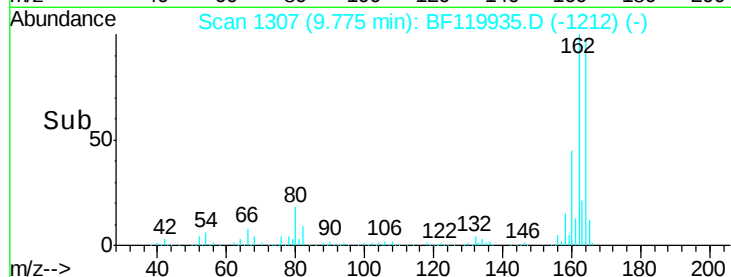
200000

100000

0

9.72 9.74 9.76 9.78 9.80

Time-->



#51

2,6-Dinitrotoluene

Concen: 7.485 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.20 min

Lab File: BF119935.D

Acq: 14 Apr 2020 5:17

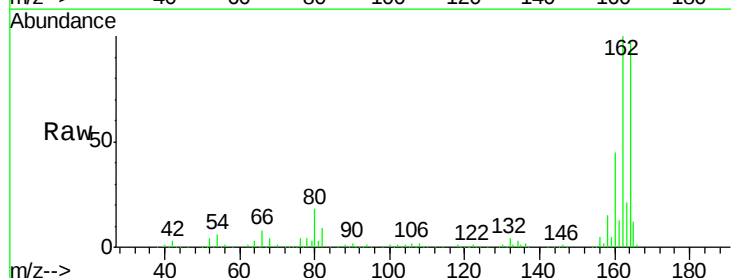
Tgt Ion:165 Resp: 55787

Ion Ratio Lower Upper

165 100

63 1.2 55.6 83.4#

89 1.3 47.9 71.9#



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

80000

60000

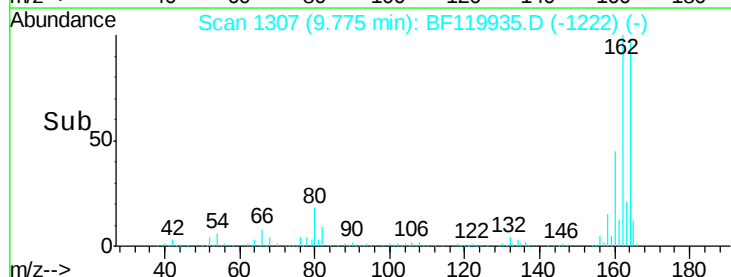
40000

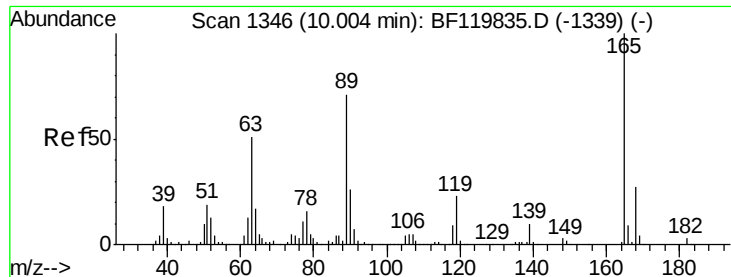
20000

0

9.75 9.80

Time-->

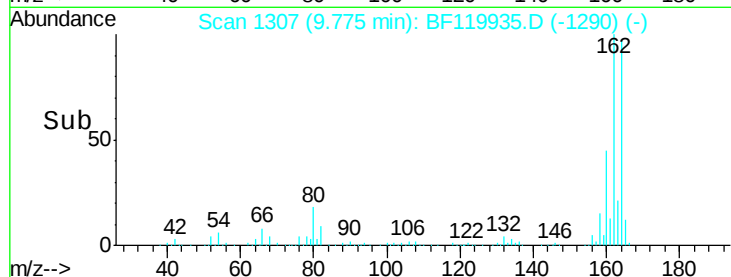
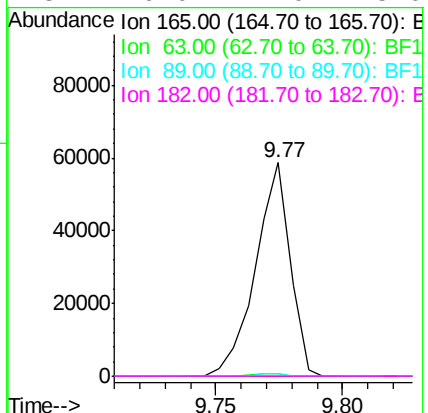
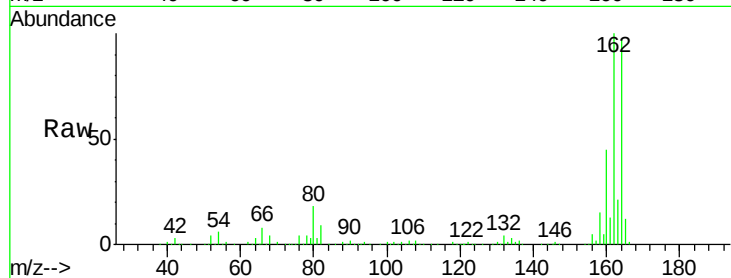




#57
 2,4-Dinitrotoluene
 Concen: 5.681 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF119935.D
 Acq: 14 Apr 2020 5:17

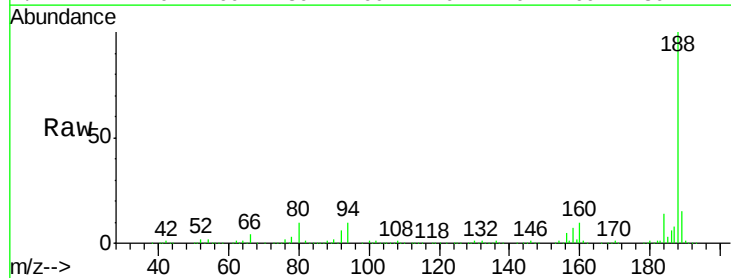
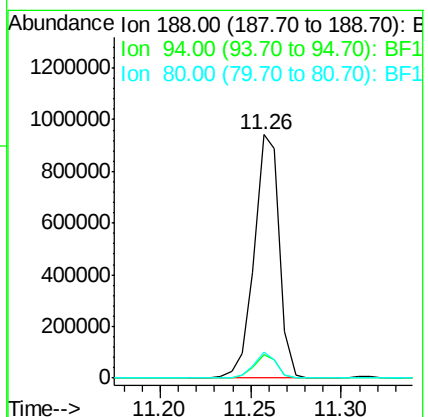
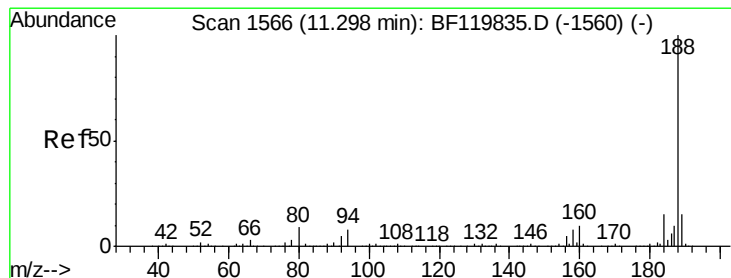
Instrument :
 BNA_F
 ClientSampleId :
 PB128182TB

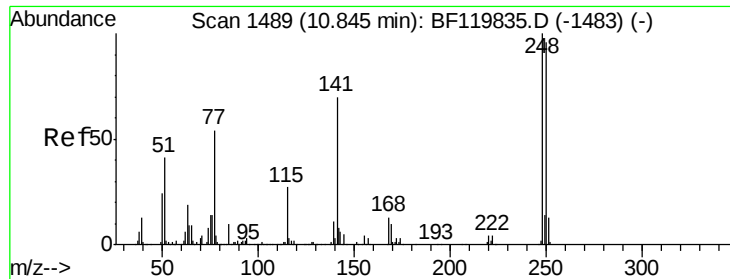
Tot Ion:165	Resp:	55787
Ion Ratio	Lower	Upper
165	100	
63	1.2	40.8 61.2#
89	1.3	56.9 85.3#
182	0.0	2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF119935.D
 Acq: 14 Apr 2020 5:17

Tgt Ion:188	Resp:	905944
Ion Ratio	Lower	Upper
188	100	
94	9.9	6.7 10.1
80	10.4	7.4 11.2

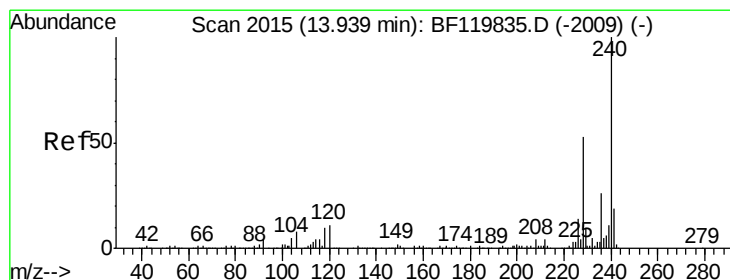
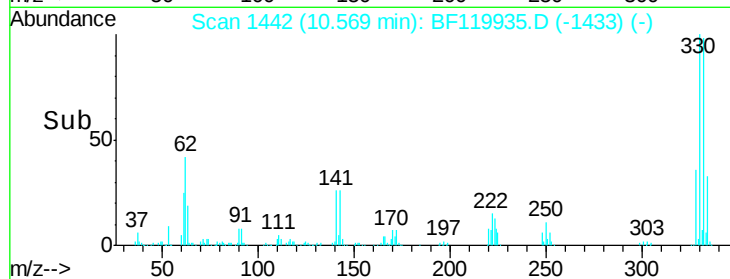
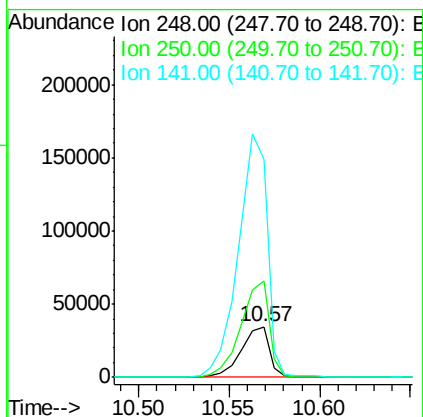
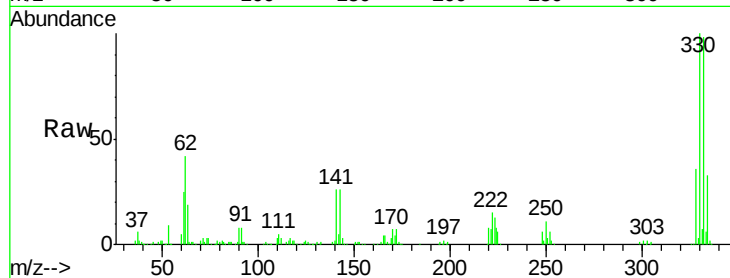




#67
4-Bromophenyl-phenylether
Concen: 3.352 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.25 min
Lab File: BF119935.D
Acq: 14 Apr 2020 5:17

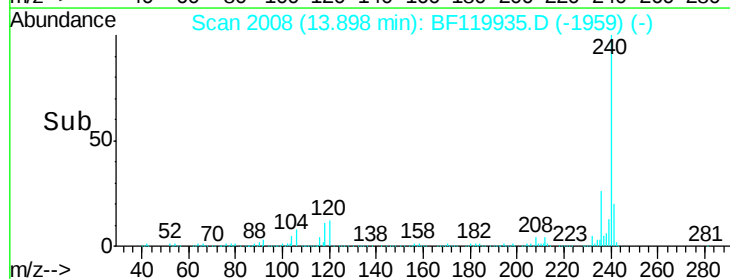
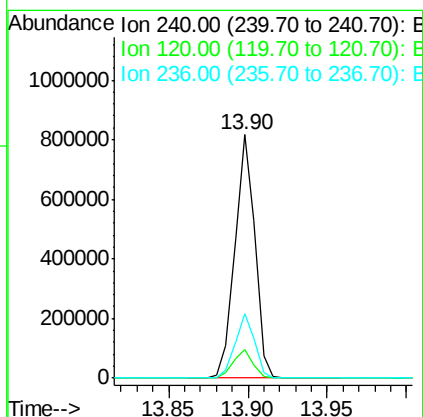
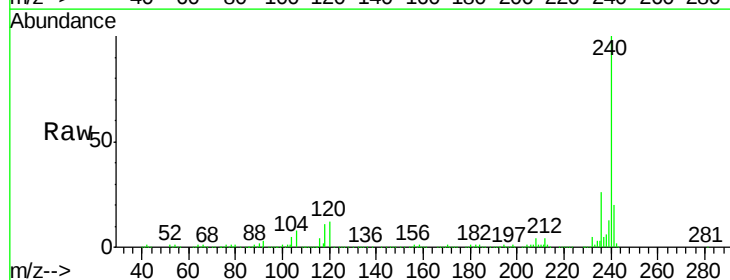
Instrument :
BNA_F
ClientSampleId :
PB128182TB

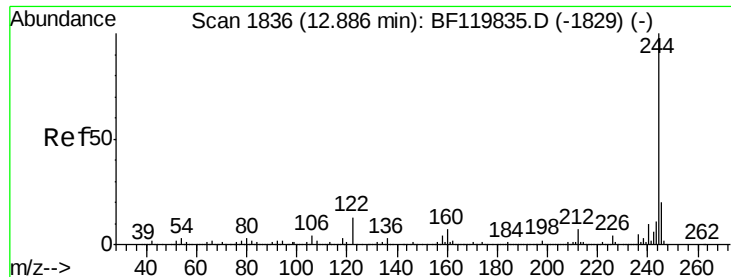
Tot Ion:248 Resp: 37767
Ion Ratio Lower Upper
248 100
250 191.6 76.6 114.8#
141 432.3 55.9 83.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119935.D
Acq: 14 Apr 2020 5:17

Tgt Ion:240 Resp: 713873
Ion Ratio Lower Upper
240 100
120 12.0 9.0 13.6
236 26.4 20.7 31.1





#79

Terphenyl-d14

Concen: 73.038 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF119935.D

Acq: 14 Apr 2020 5:17

Instrument :

BNA_F

ClientSampleId :

PB128182TB

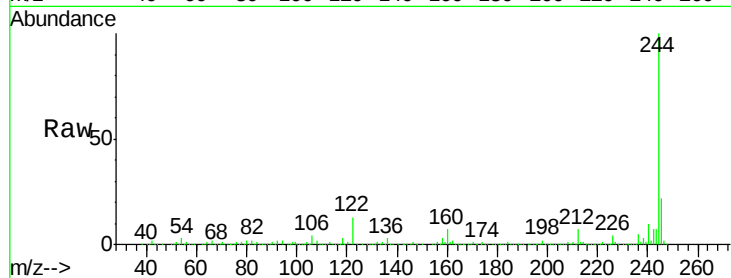
Tot Ion:244 Resp: 3098688

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

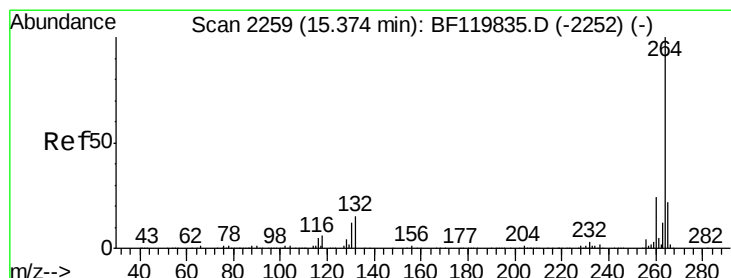
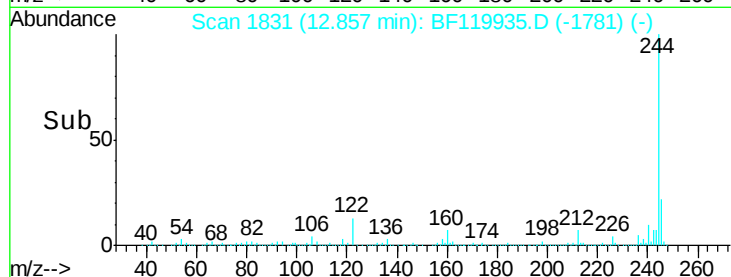
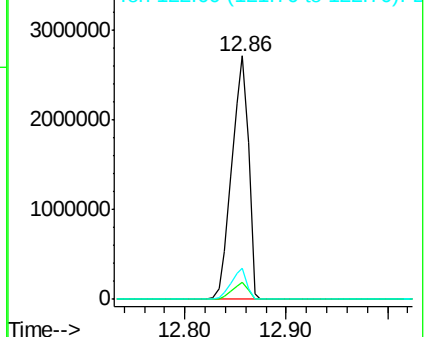
122 13.0 10.3 15.5



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: BF119935.D

Acq: 14 Apr 2020 5:17

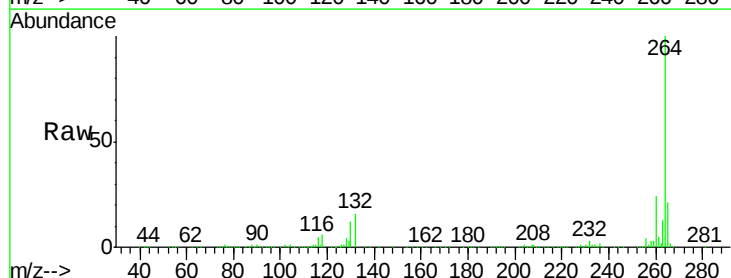
Tgt Ion:264 Resp: 630360

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 20.9 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

