

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119939.D
 Acq On : 14 Apr 2020 7:05
 Operator : MA/SJ
 Sample : PB128142TB
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 07:45:03 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

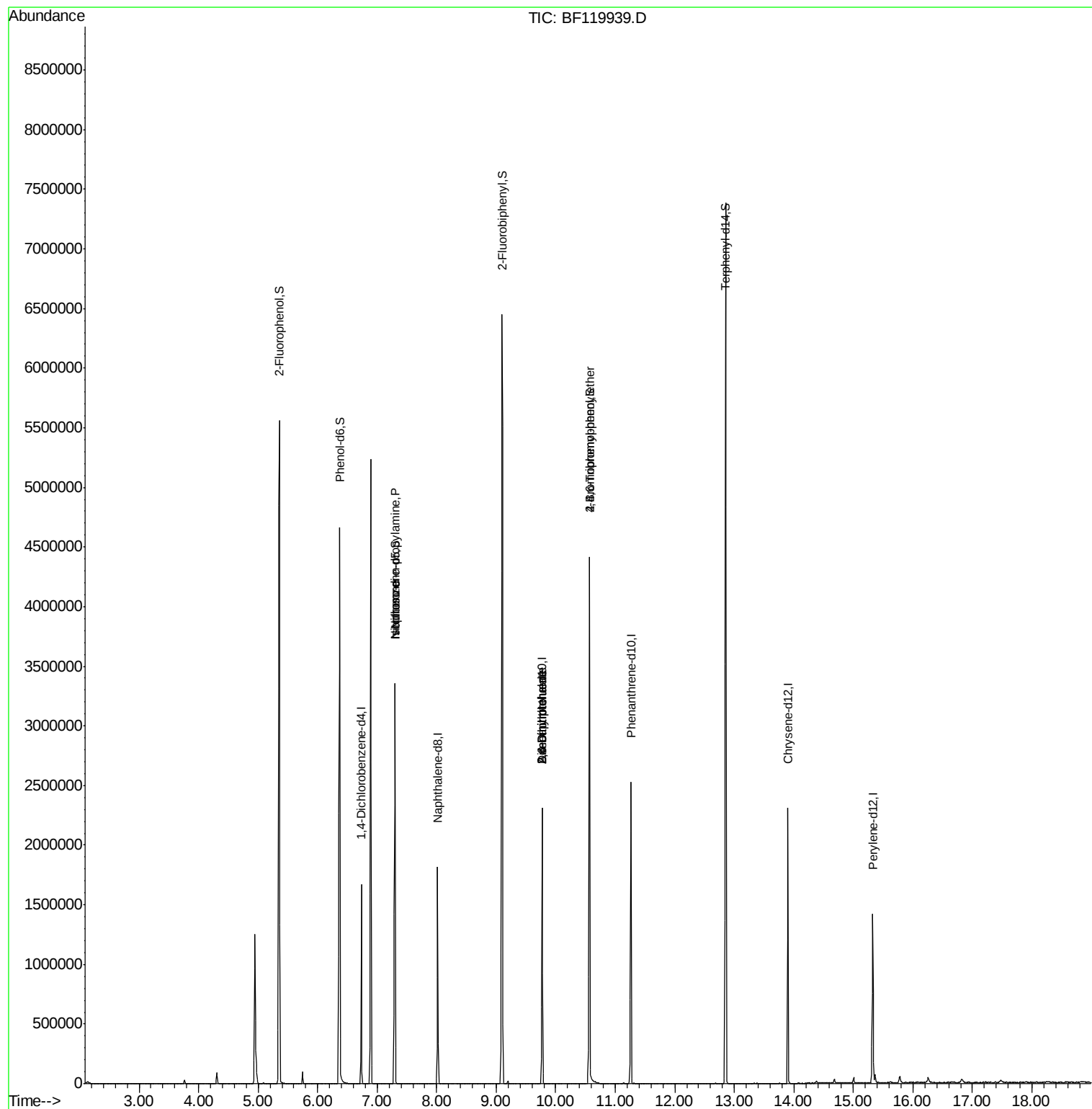
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	227690	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	886099	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	467914	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	942114	20.00	ng	0.00
76) Chrysene-d12	13.90	240	763325	20.00	ng	-0.01
87) Perylene-d12	15.33	264	647352	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1659831	125.98	ng	0.02
7) Phenol-d6	6.37	99	2100195	123.71	ng	0.00
23) Nitrobenzene-d5	7.30	82	1318964	77.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	634667	110.78	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2481239	75.29	ng	-0.01
79) Terphenyl-d14	12.86	244	3120610	68.79	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	2883	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	171713	15.729 ng	#	1
25) Isophorone	7.30	82	1318556	39.934 ng	#	76
50) Dimethylphthalate	9.77	163	108006	2.984 ng	#	65
51) 2,6-Dinitrotoluene	9.77	165	60658	7.653 ng	#	1
57) 2,4-Dinitrotoluene	9.77	165	60658	5.809 ng	#	19
67) 4-Bromophenyl-phenylether	10.57	248	37583	3.208 ng	#	22
					#	1

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

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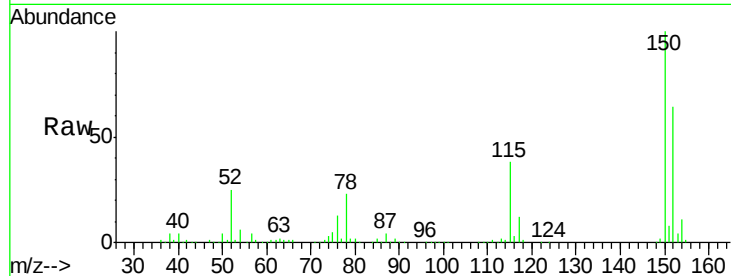


#1

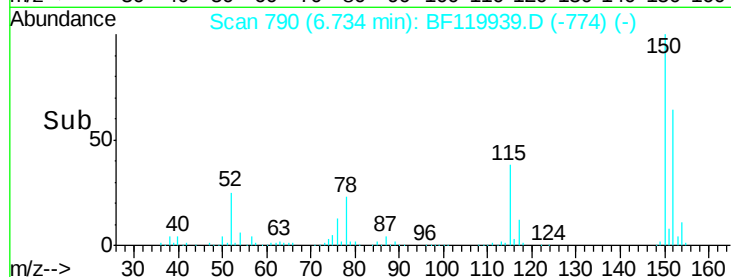
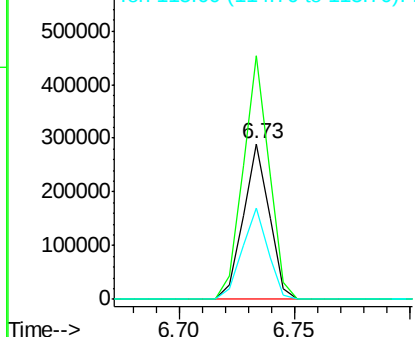
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119939.D
Acq: 14 Apr 2020 7:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 227690
Ion Ratio Lower Upper
152 100
150 156.2 124.8 187.2
115 59.0 46.5 69.7



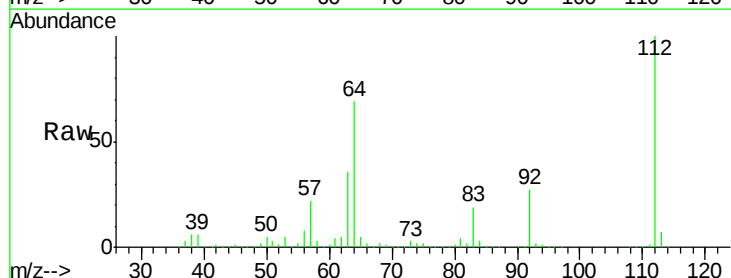
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



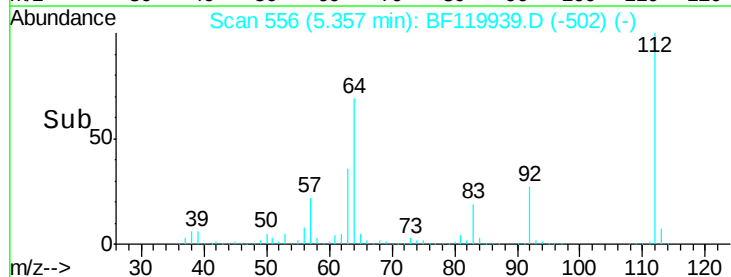
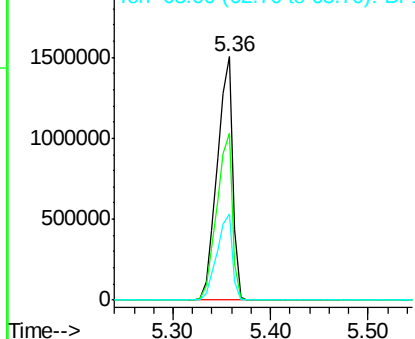
#5

2-Fluorophenol
Concen: 125.982 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.02 min
Lab File: BF119939.D
Acq: 14 Apr 2020 7:05

Tgt Ion:112 Resp: 1659831
Ion Ratio Lower Upper
112 100
64 68.7 55.5 83.3
63 35.6 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: 123.710 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119939.D

Acq: 14 Apr 2020 7:05

Instrument :

BNA_F

ClientSampleId :

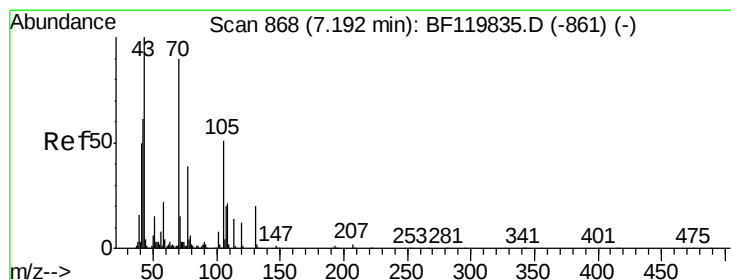
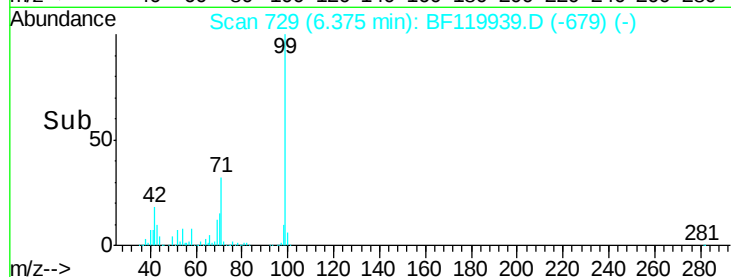
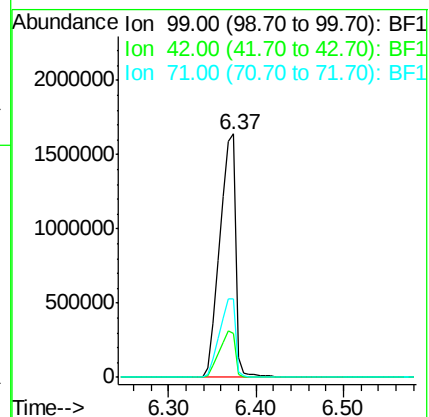
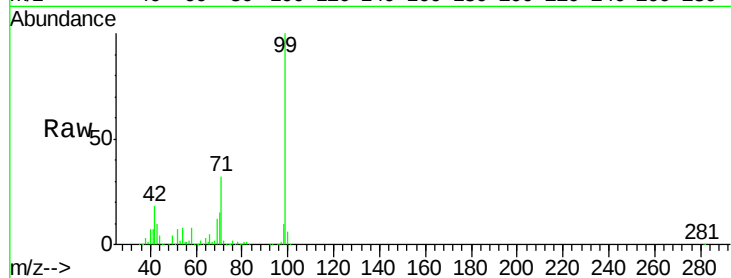
Tot Ion: 99 Resp: 2100195

Ion Ratio Lower Upper

99 100

42 18.3 16.9 25.3

71 32.4 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 15.729 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF119939.D

Acq: 14 Apr 2020 7:05

Tgt Ion: 70 Resp: 171713

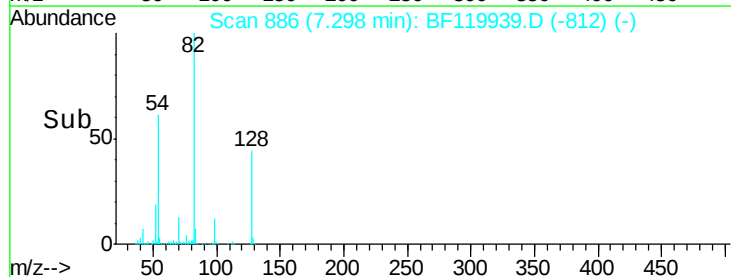
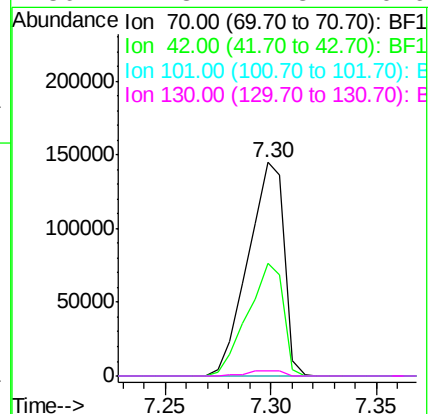
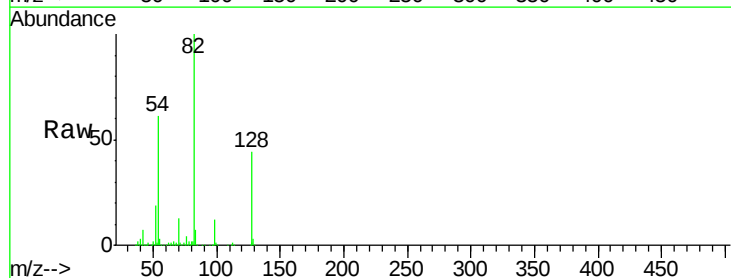
Ion Ratio Lower Upper

70 100

42 52.7 54.2 81.4#

101 0.0 7.4 11.2#

130 2.3 17.8 26.6#

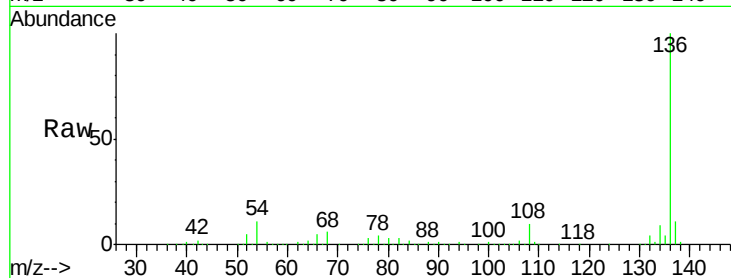




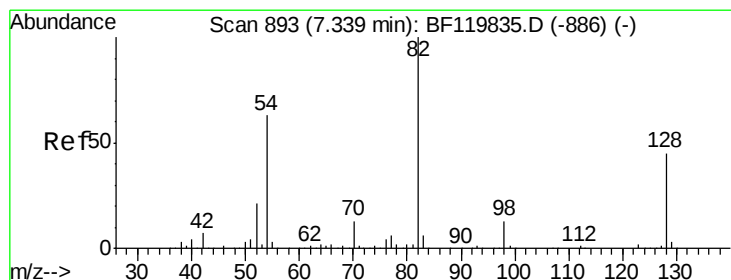
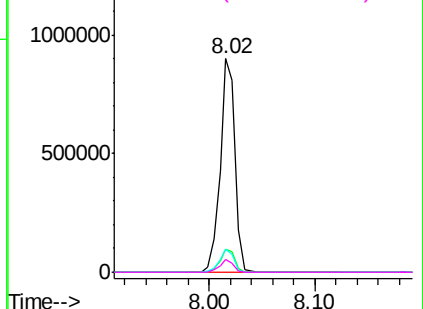
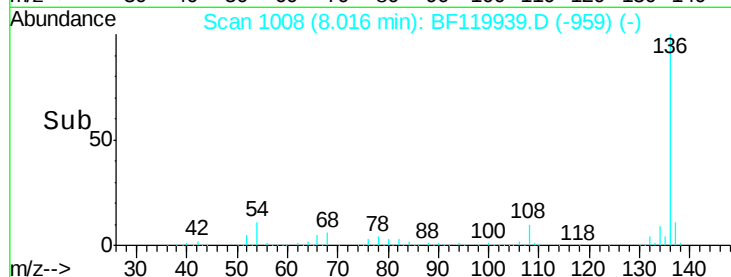
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF119939.D
Acq: 14 Apr 2020 7:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 886099
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 10.5 8.5 12.7
68 5.8 3.9 5.9

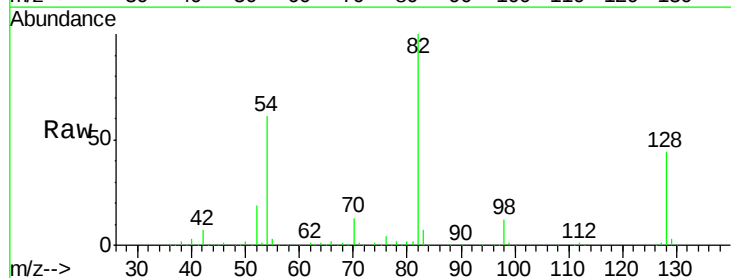


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

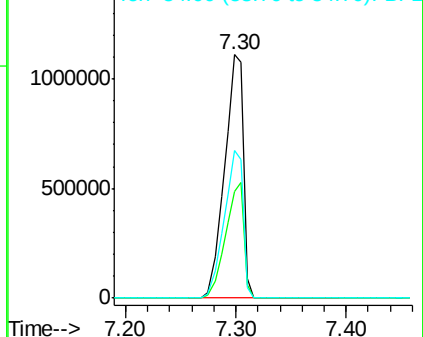
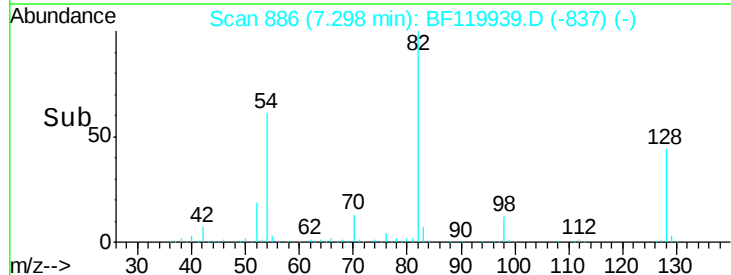


#23
Nitrobenzene-d5
Concen: 77.006 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF119939.D
Acq: 14 Apr 2020 7:05

Tgt Ion: 82 Resp: 1318964
Ion Ratio Lower Upper
82 100
128 43.9 36.2 54.4
54 60.8 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: 39.934 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.27 min

Lab File: BF119939.D

Acq: 14 Apr 2020 7:05

Instrument :

BNA_F

ClientSampled :

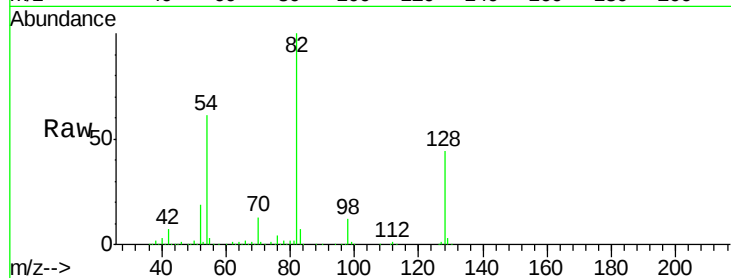
Tot Ion: 82 Resp: 1318556

Ion Ratio Lower Upper

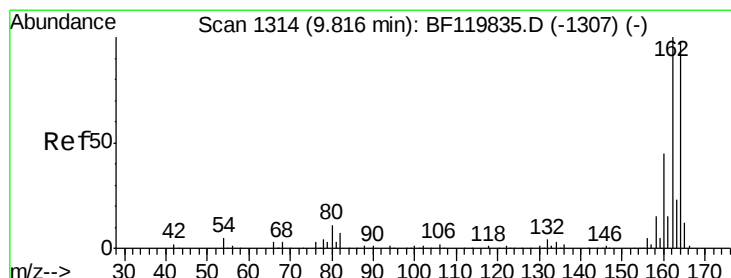
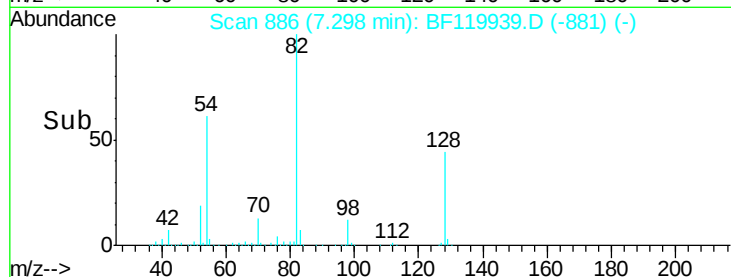
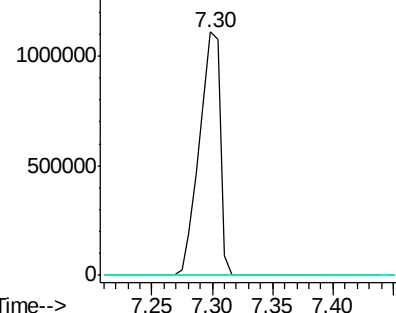
82 100

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: BF119939.D

Acq: 14 Apr 2020 7:05

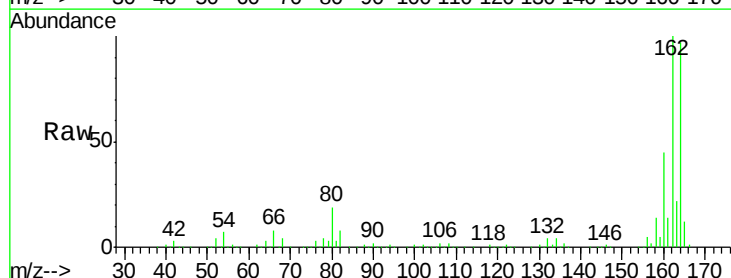
Tgt Ion: 164 Resp: 467914

Ion Ratio Lower Upper

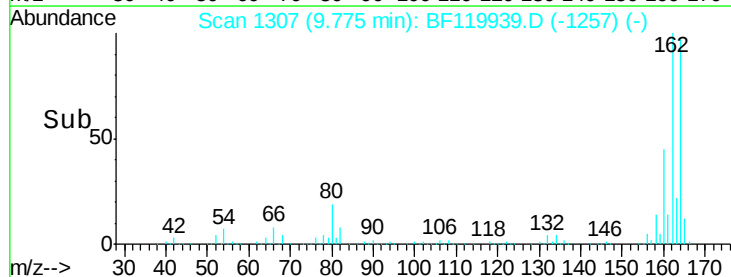
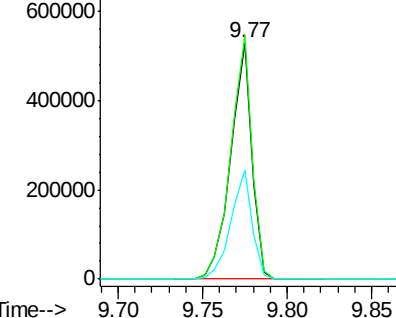
164 100

162 103.2 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

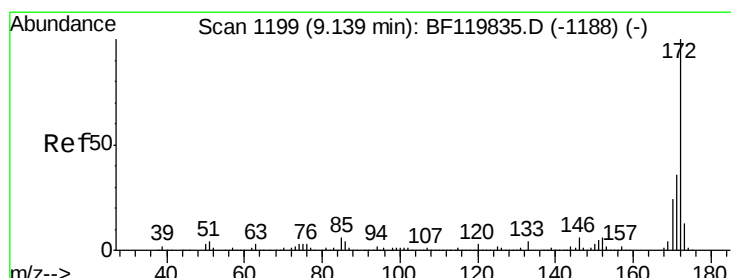
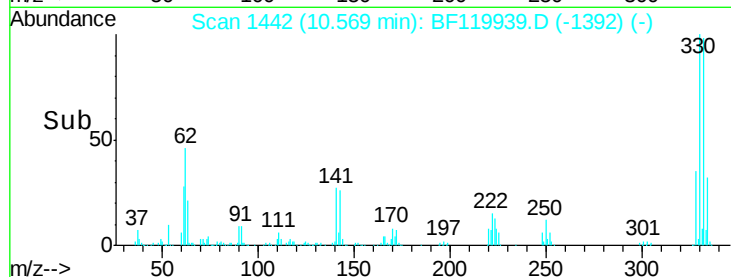
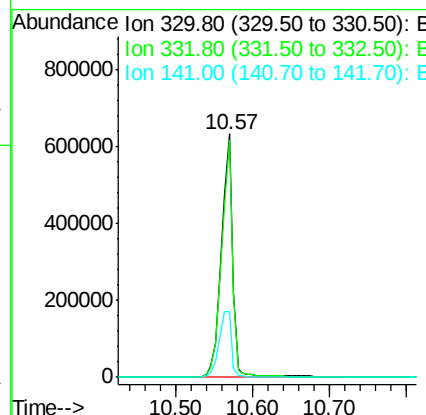
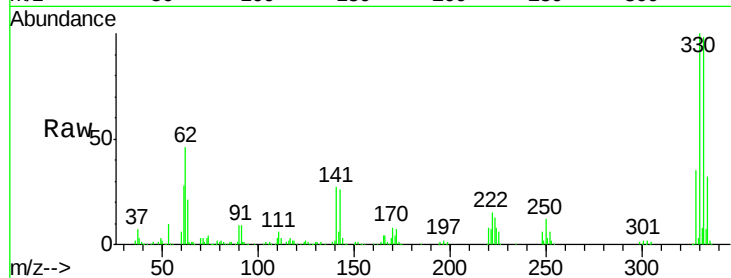




#42
 2,4,6-Tribromophenol
 Concen: 110.784 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119939.D
 Acq: 14 Apr 2020 7:05

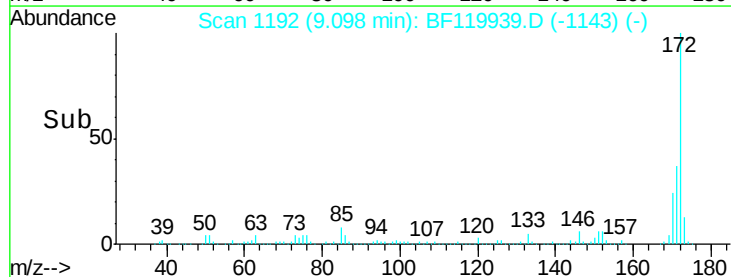
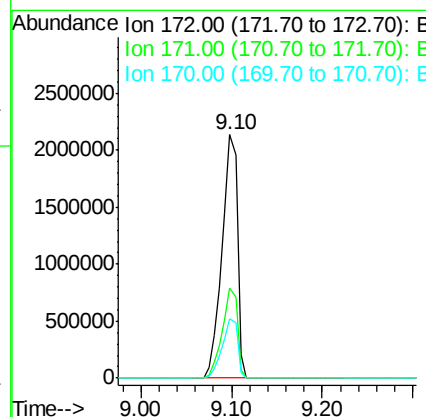
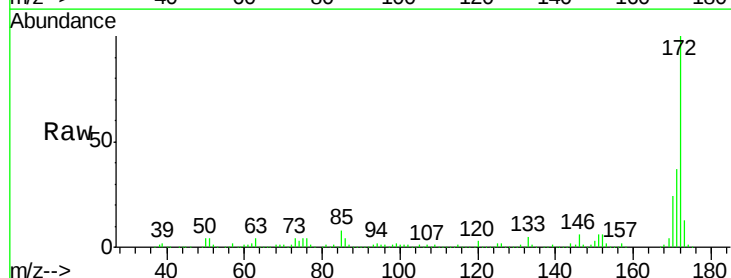
Instrument :
 BNA_F
 ClientSampleId :

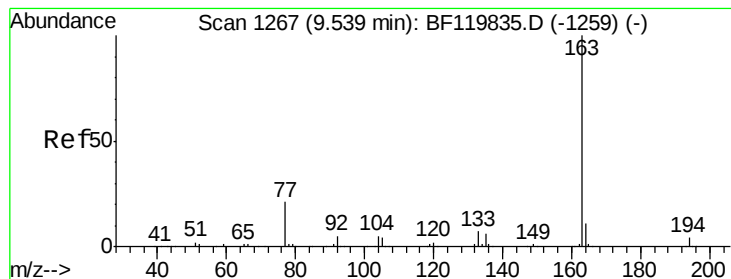
Tot Ion:330 Resp: 634667
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.8 115.2
 141 30.2 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 75.288 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119939.D
 Acq: 14 Apr 2020 7:05

Tgt Ion:172 Resp: 2481239
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 24.3 19.4 29.2





#50

Dimethylphthalate

Concen: 2.984 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.26 min

Lab File: BF119939.D

Acq: 14 Apr 2020 7:05

Instrument :

BNA_F

ClientSampleId :

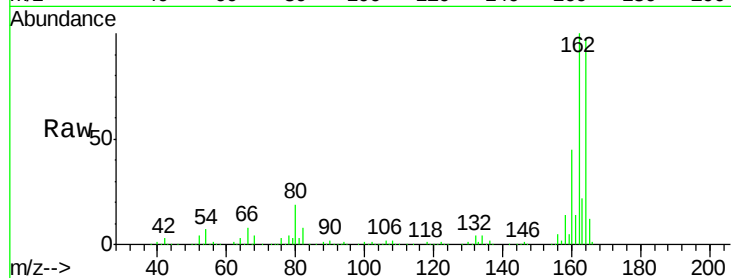
Tot Ion:163 Resp: 108006

Ion Ratio Lower Upper

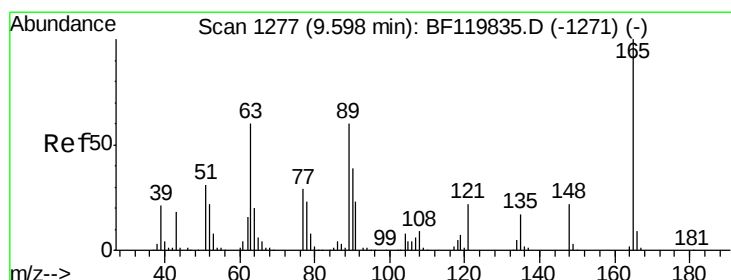
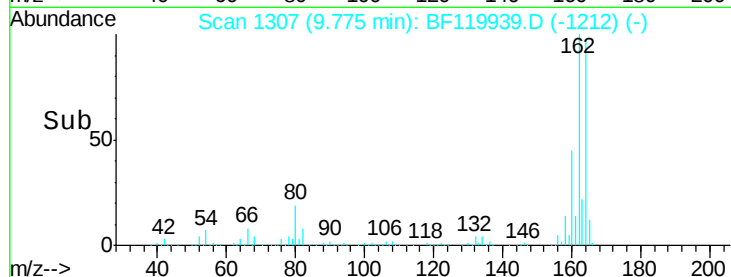
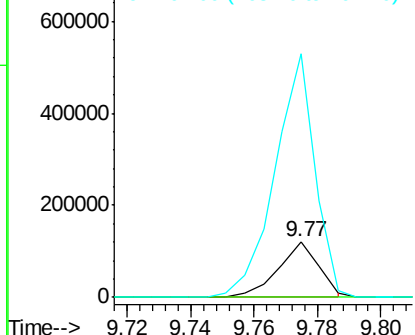
163 100

194 0.0 3.0 4.4#

164 438.5 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



#51

2,6-Dinitrotoluene

Concen: 7.653 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.20 min

Lab File: BF119939.D

Acq: 14 Apr 2020 7:05

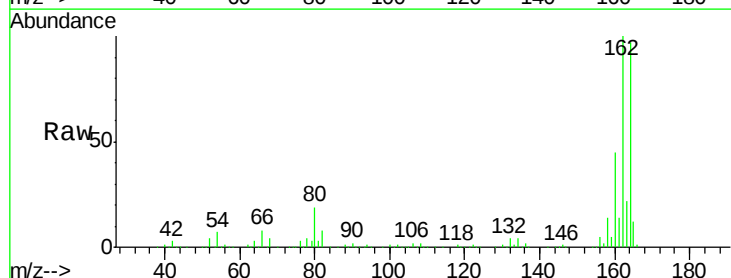
Tgt Ion:165 Resp: 60658

Ion Ratio Lower Upper

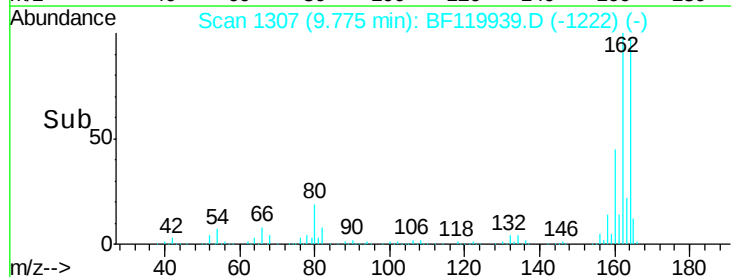
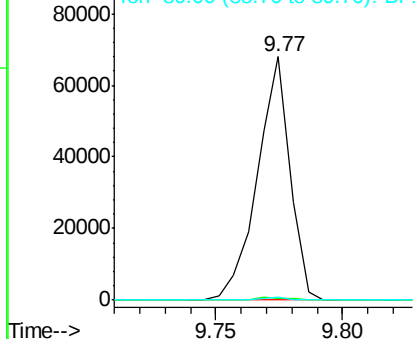
165 100

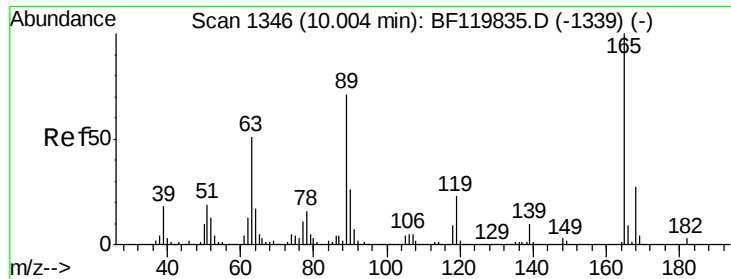
63 0.9 55.6 83.4#

89 1.2 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

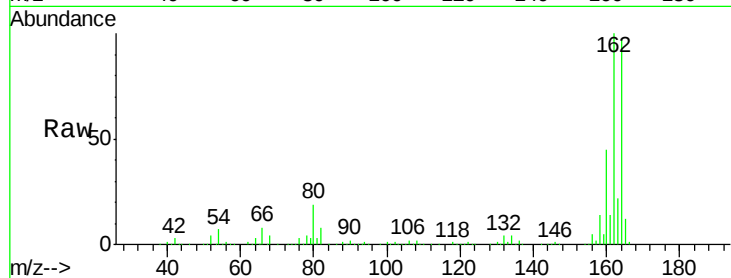




#57
 2,4-Dinitrotoluene
 Concen: 5.809 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF119939.D
 Acq: 14 Apr 2020 7:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.8	61.2#
89	1.2	56.9	85.3#
182	0.0	2.0	3.0#

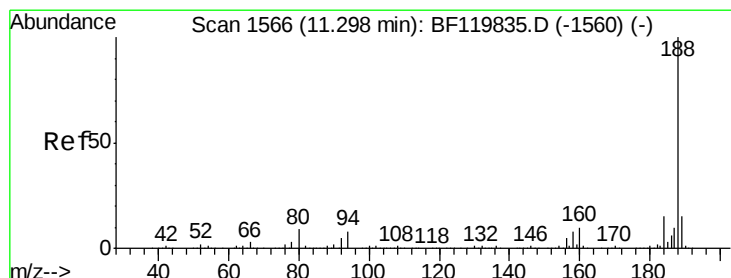
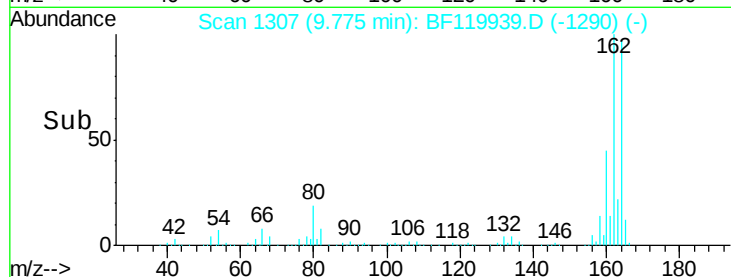
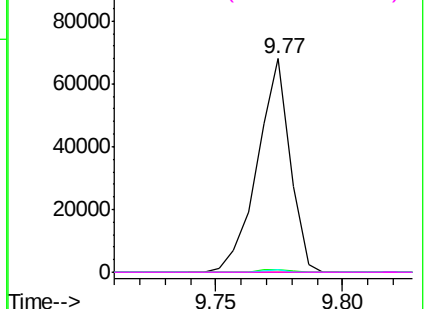


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

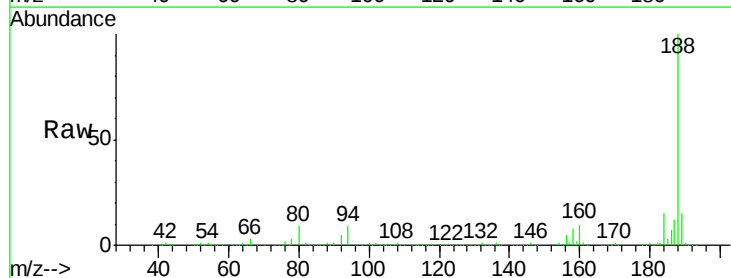
Ion 89.00 (88.70 to 89.70): BF1

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: BF119939.D
 Acq: 14 Apr 2020 7:05

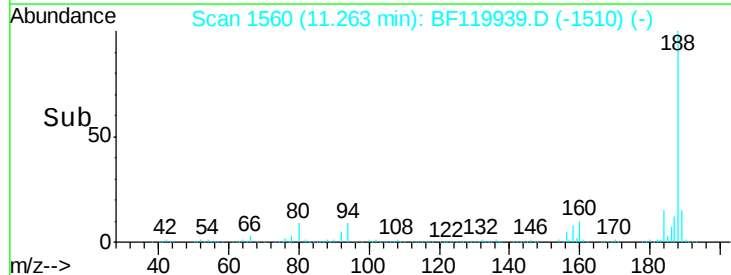
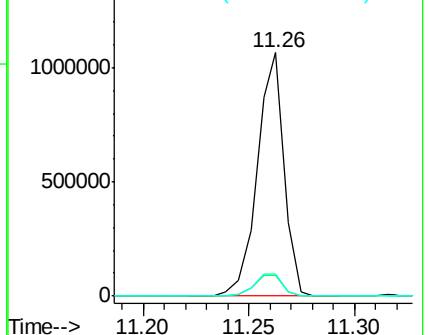
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	9.2	7.4	11.2

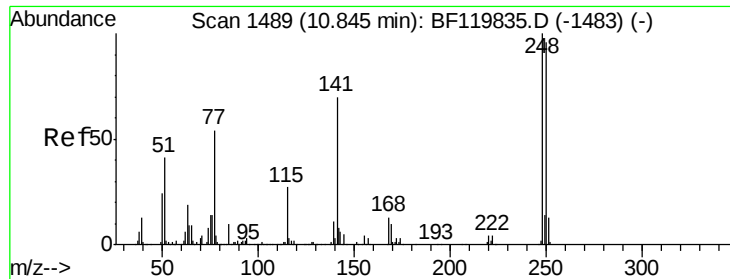


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

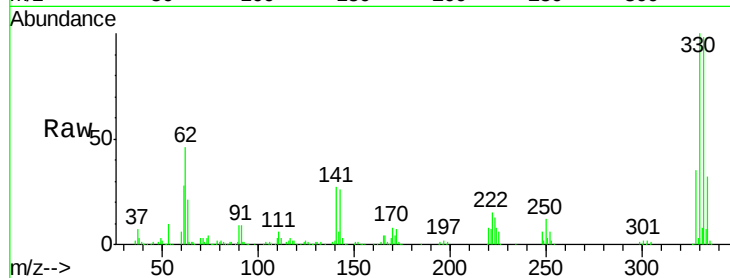




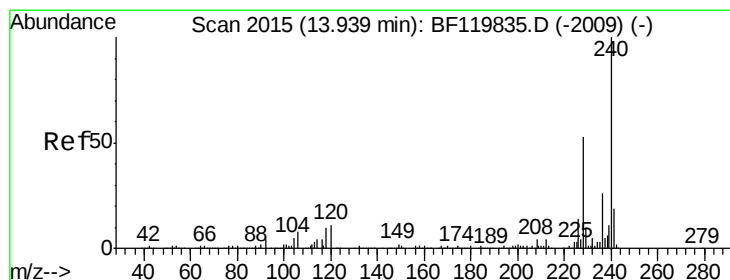
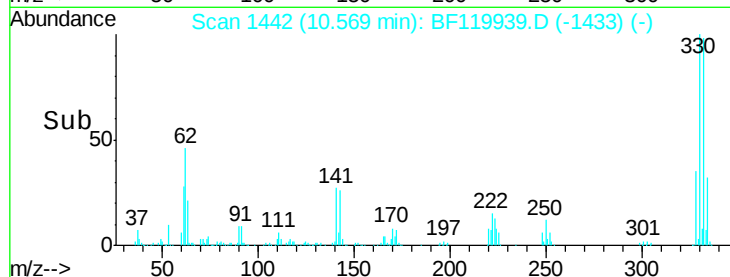
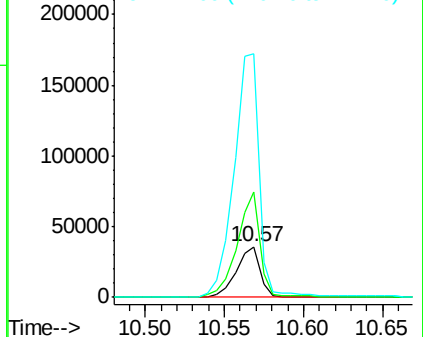
#67
4-Bromophenyl-phenylether
Concen: 3.208 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.25 min
Lab File: BF119939.D
Acq: 14 Apr 2020 7:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 37583
Ion Ratio Lower Upper
248 100
250 206.6 76.6 114.8#
141 480.1 55.9 83.9#

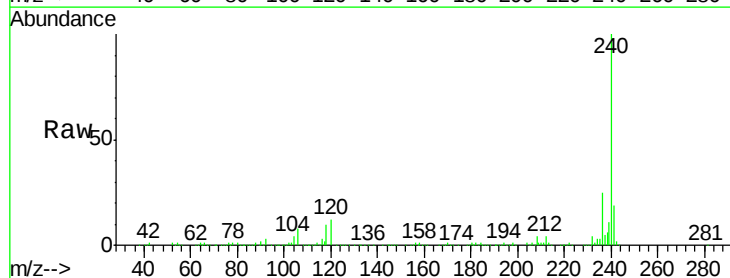


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

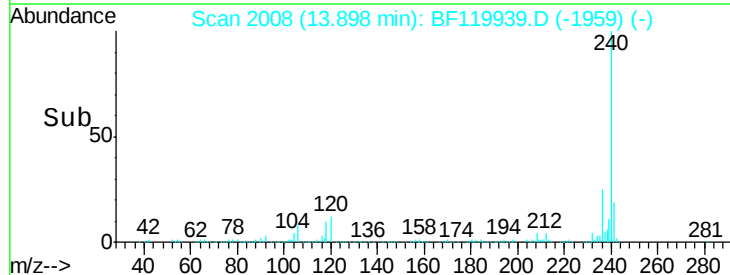
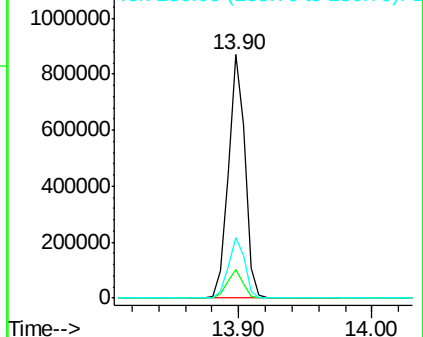


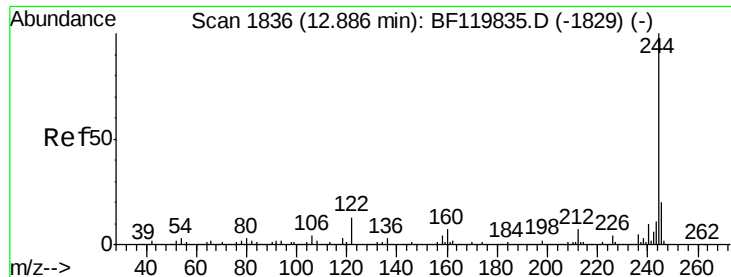
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119939.D
Acq: 14 Apr 2020 7:05

Tgt Ion:240 Resp: 763325
Ion Ratio Lower Upper
240 100
120 11.7 9.0 13.6
236 25.0 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: 68.790 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF119939.D

Acq: 14 Apr 2020 7:05

Instrument :

BNA_F

ClientSampleId :

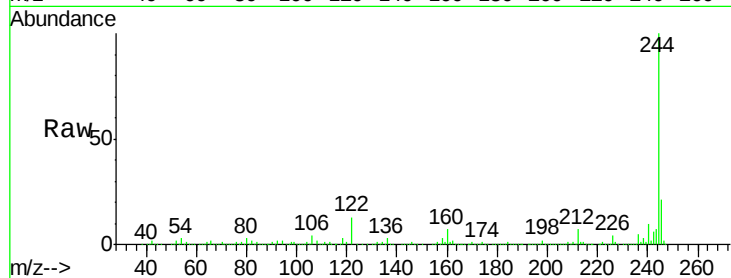
Tot Ion:244 Resp: 3120610

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

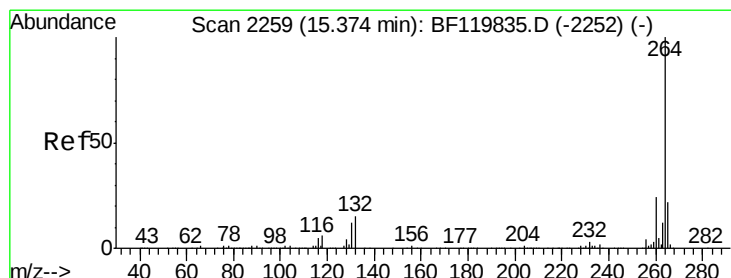
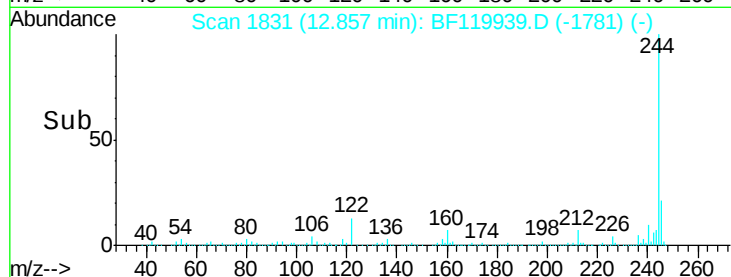
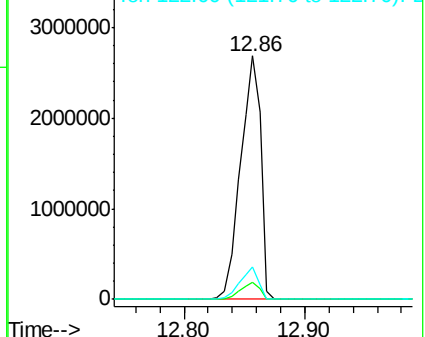
122 13.5 10.3 15.5



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: BF119939.D

Acq: 14 Apr 2020 7:05

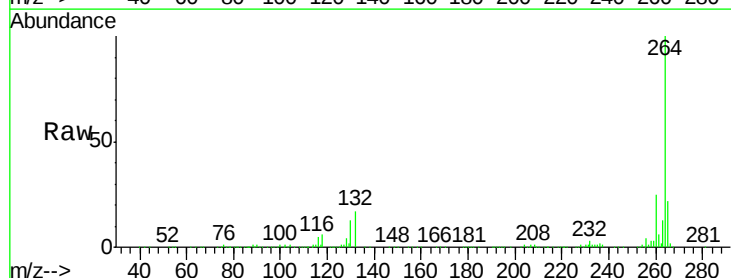
Tgt Ion:264 Resp: 647352

Ion Ratio Lower Upper

264 100

260 25.0 19.3 28.9

265 21.7 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

