

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119977.D
 Acq On : 15 Apr 2020 2:41
 Operator : MA/SJ
 Sample : L2215-08
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Quant Time: Apr 15 04:38:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 12:44:44 2020
 Response via : Initial Calibration

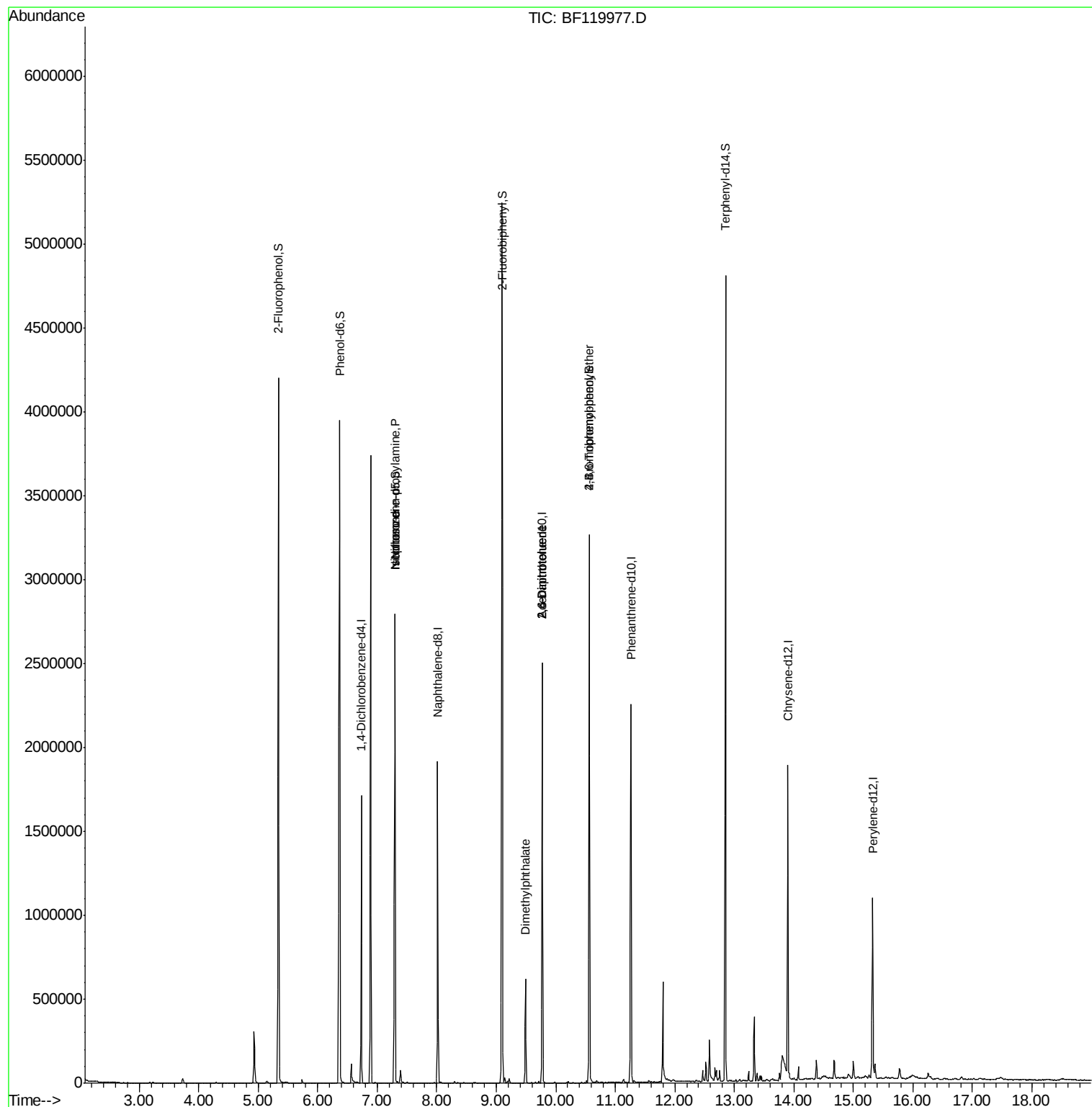
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	237701	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	926736	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	486619	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	902444	20.00	ng	0.00
76) Chrysene-d12	13.90	240	599481	20.00	ng	-0.01
87) Perylene-d12	15.32	264	467459	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1137153	82.68	ng	0.00
7) Phenol-d6	6.37	99	1472810	83.10	ng	0.00
23) Nitrobenzene-d5	7.30	82	920055	51.36	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	379397	63.68	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1700545	49.62	ng	0.00
79) Terphenyl-d14	12.85	244	1687815	47.37	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	2218	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	119780	10.510 ng	#	1
25) Isophorone	7.30	82	917212	26.561 ng	#	76
50) Dimethylphthalate	9.49	163	219504	5.832 ng	#	65
51) 2,6-Dinitrotoluene	9.77	165	63396	7.691 ng	#	98
57) 2,4-Dinitrotoluene	9.77	165	63396	5.838 ng	#	19
67) 4-Bromophenyl-phenylether	10.56	248	23569	2.100 ng	#	22
					#	1

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

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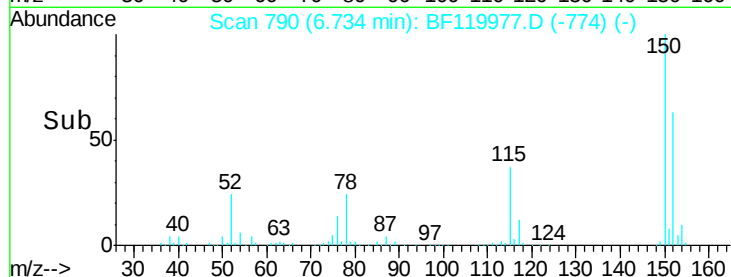
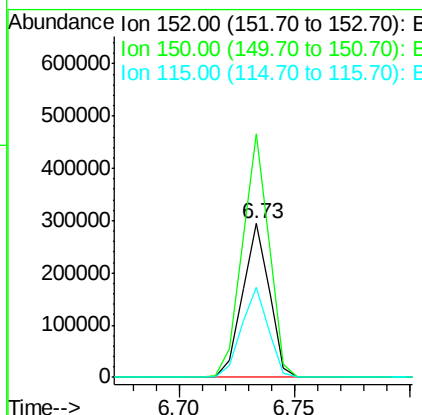
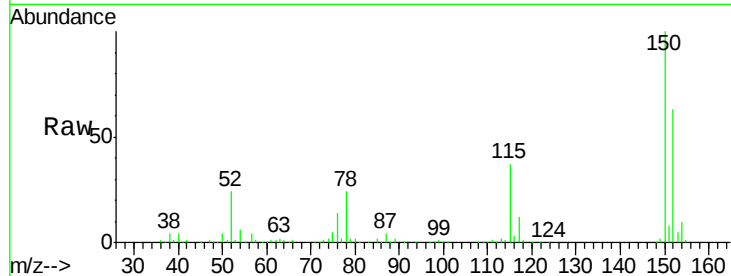


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119977.D
Acq: 15 Apr 2020 2:41

Instrument :
BNA_F
ClientSampleId :
TP-8

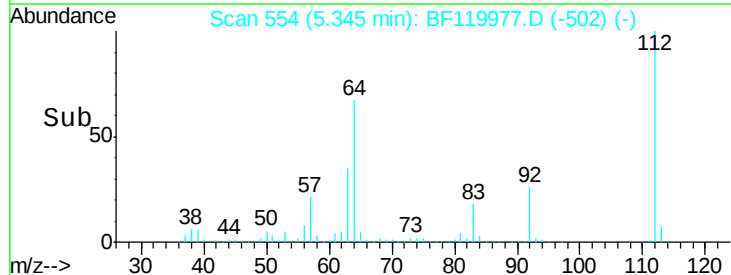
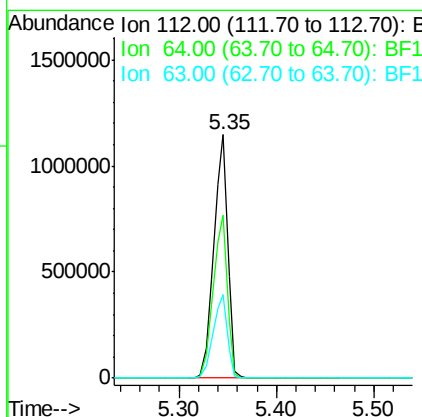
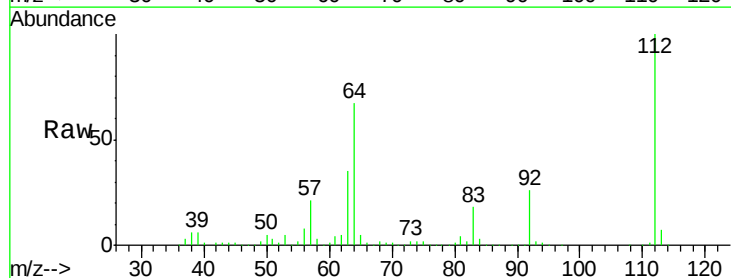
Tot Ion:152 Resp: 237701
Ion Ratio Lower Upper
152 100
150 158.5 124.8 187.2
115 58.7 46.5 69.7



#5

2-Fluorophenol
Concen: 82.676 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF119977.D
Acq: 15 Apr 2020 2:41

Tgt Ion:112 Resp: 1137153
Ion Ratio Lower Upper
112 100
64 67.1 55.5 83.3
63 34.5 29.1 43.7





#7

Phenol-d6

Concen: 83.101 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119977.D

Acq: 15 Apr 2020 2:41

Instrument :

BNA_F

ClientSampleId :

TP-8

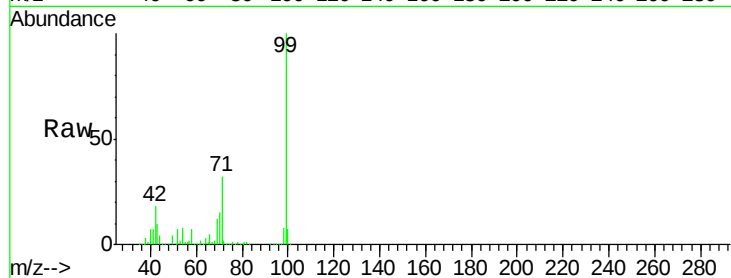
Tot Ion: 99 Resp: 1472810

Ion Ratio Lower Upper

99 100

42 18.4 16.9 25.3

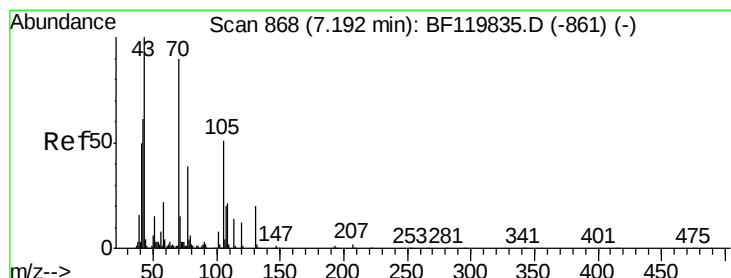
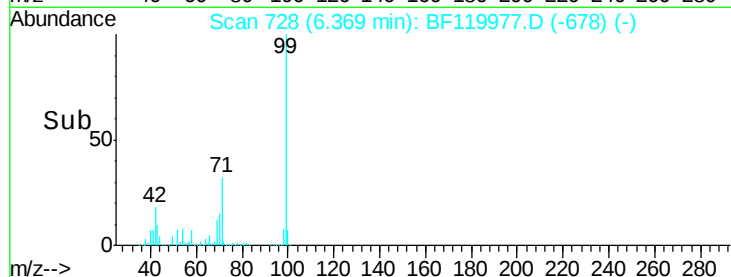
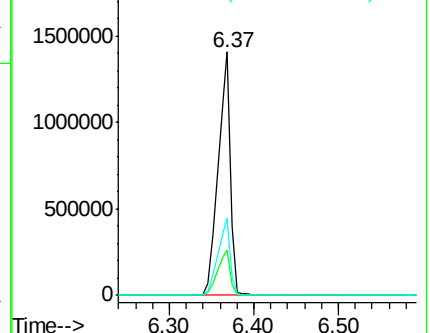
71 31.6 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 10.510 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF119977.D

Acq: 15 Apr 2020 2:41

Tgt Ion: 70 Resp: 119780

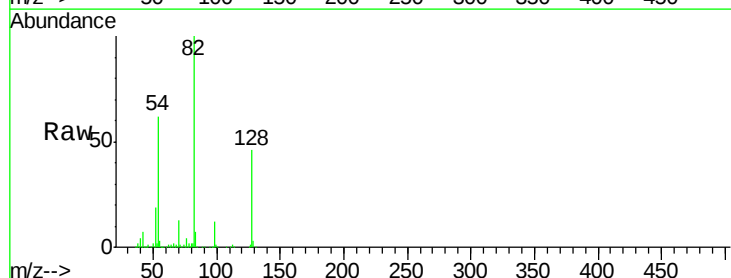
Ion Ratio Lower Upper

70 100

42 53.6 54.2 81.4#

101 0.0 7.4 11.2#

130 2.1 17.8 26.6#

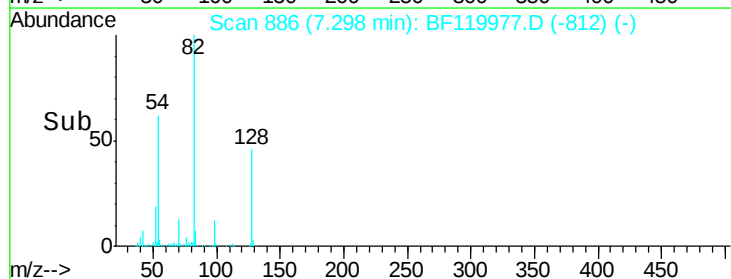
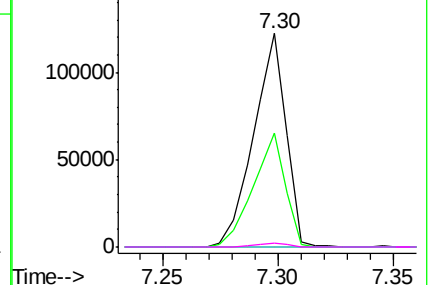


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

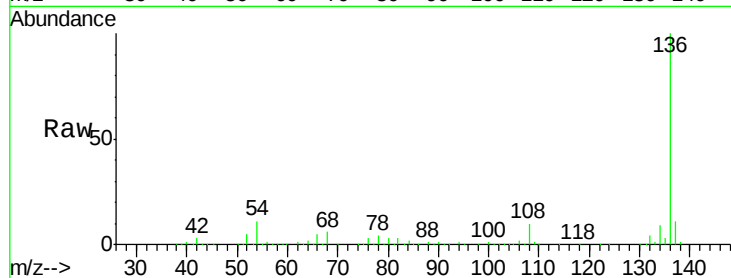




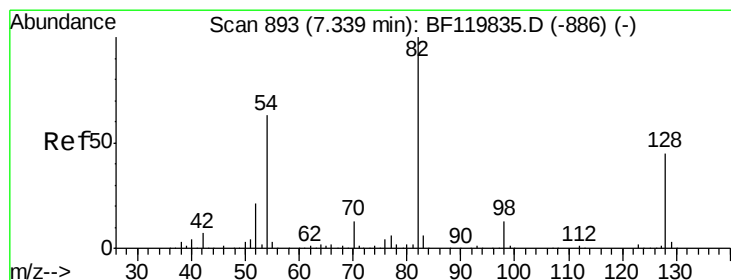
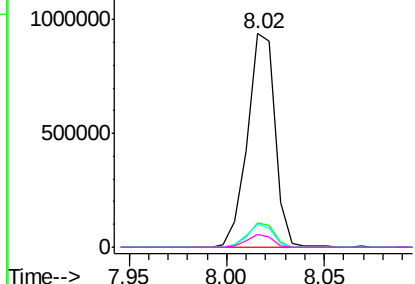
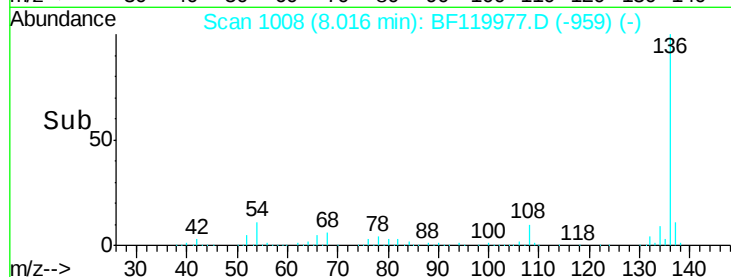
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF119977.D
Acq: 15 Apr 2020 2:41

Instrument :
BNA_F
ClientSampled :
TP-8

Tot Ion:136 Resp: 926736
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 10.7 8.5 12.7
68 6.2 3.9 5.9#

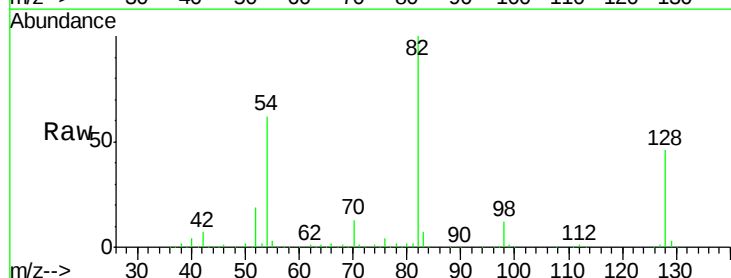


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

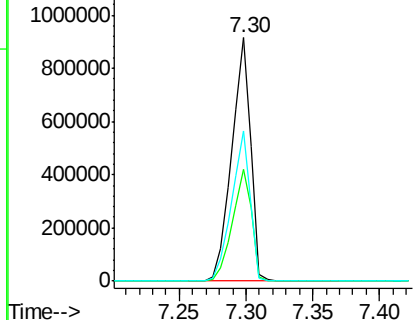
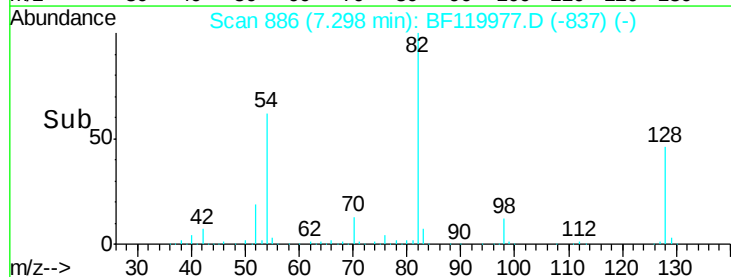


#23
Nitrobenzene-d5
Concen: 51.361 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF119977.D
Acq: 15 Apr 2020 2:41

Tgt Ion: 82 Resp: 920055
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: 26.561 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.27 min

Lab File: BF119977.D

Acq: 15 Apr 2020 2:41

Instrument :

BNA_F

ClientSampled :

TP-8

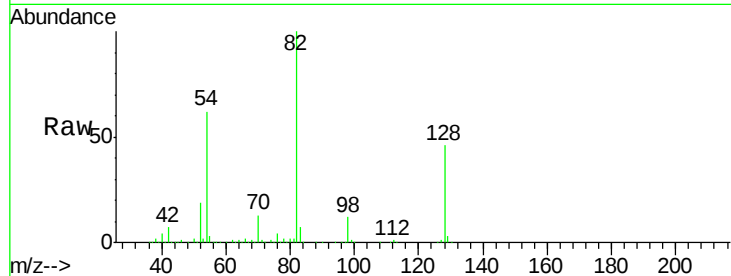
Tot Ion: 82 Resp: 917212

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

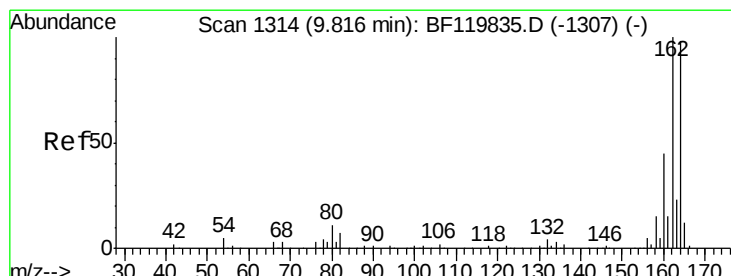
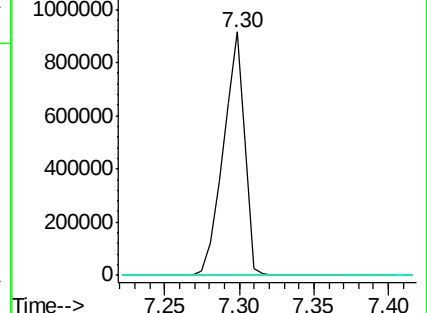
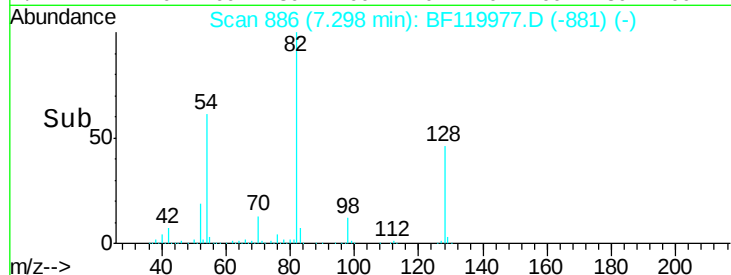
138 0.0 14.5 21.7#



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: BF119977.D

Acq: 15 Apr 2020 2:41

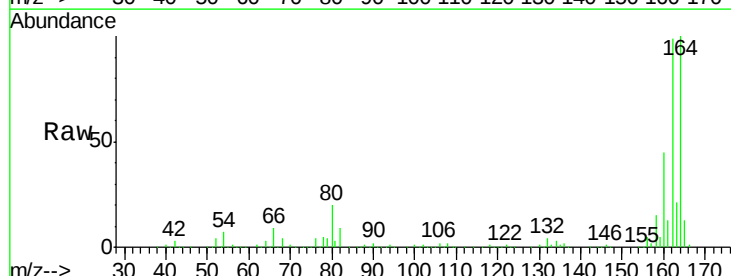
Tgt Ion:164 Resp: 486619

Ion Ratio Lower Upper

164 100

162 99.3 81.9 122.9

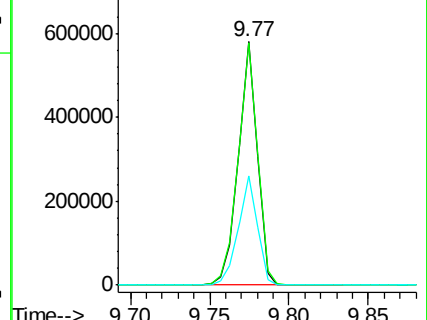
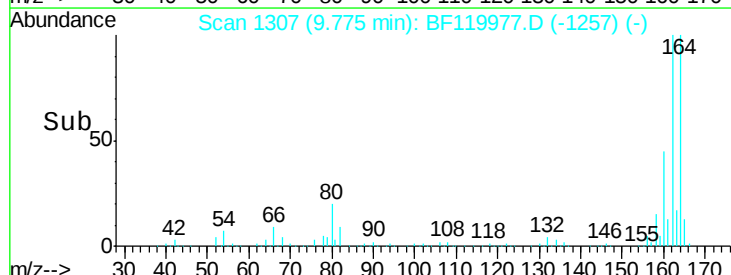
160 45.1 36.6 54.8



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

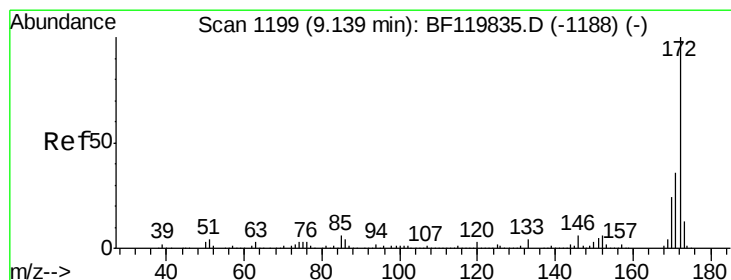
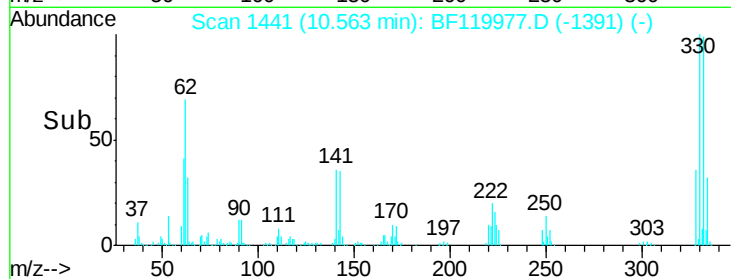
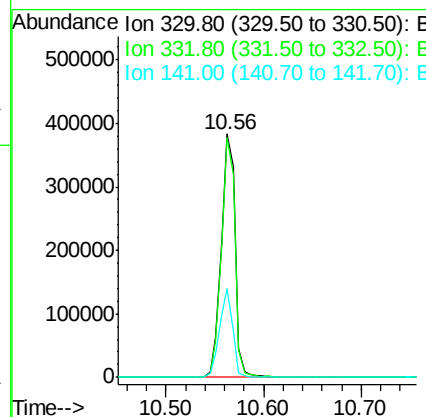
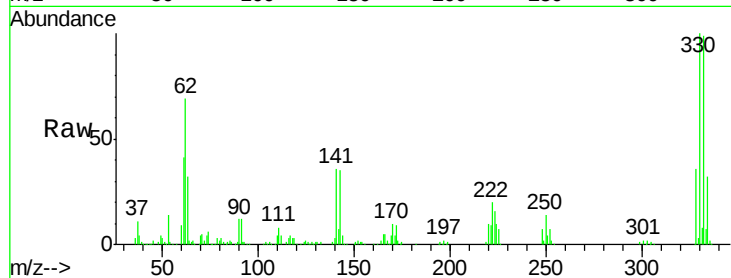




#42
 2,4,6-Tribromophenol
 Concen: 63.680 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF119977.D
 Acq: 15 Apr 2020 2:41

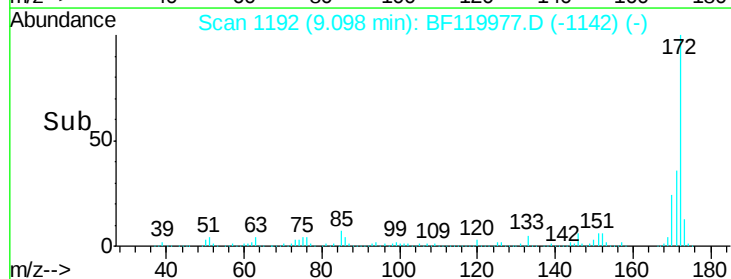
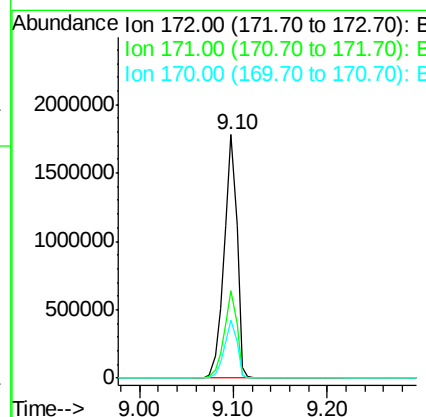
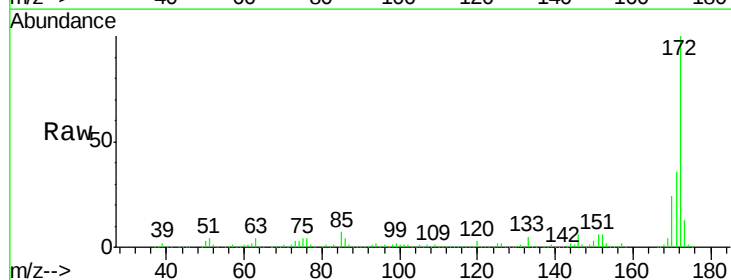
Instrument :
 BNA_F
 ClientSampled :
 TP-8

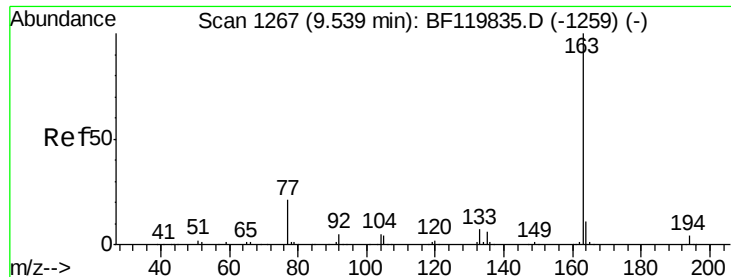
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	34.2	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 49.616 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119977.D
 Acq: 15 Apr 2020 2:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	23.9	19.4	29.2





#50

Dimethylphthalate

Concen: 5.832 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119977.D

Acq: 15 Apr 2020 2:41

Instrument :

BNA_F

ClientSampleId :

TP-8

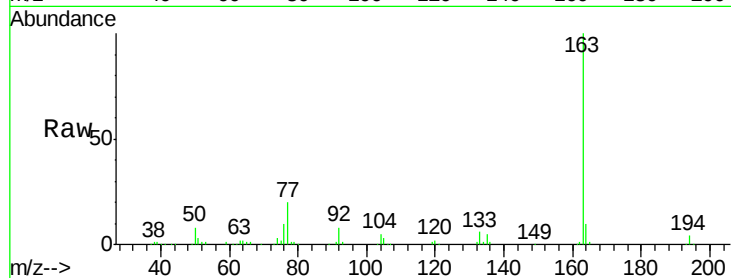
Tot Ion:163 Resp: 219504

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

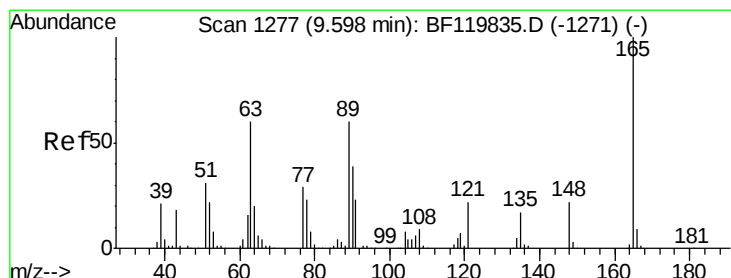
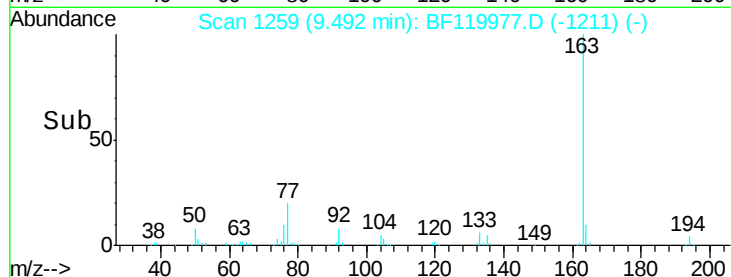
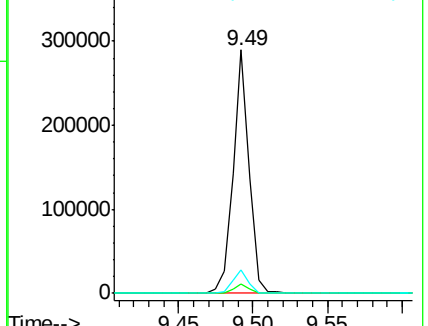
164 9.8 8.4 12.6



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: 7.691 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.21 min

Lab File: BF119977.D

Acq: 15 Apr 2020 2:41

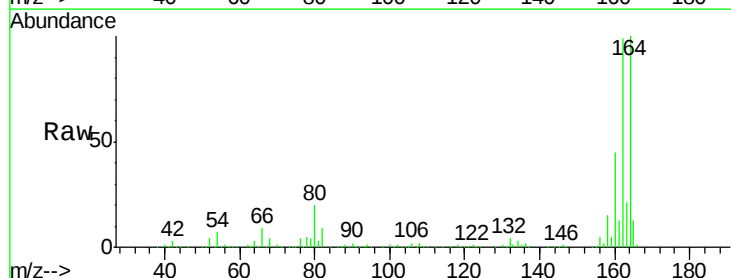
Tgt Ion:165 Resp: 63396

Ion Ratio Lower Upper

165 100

63 1.5 55.6 83.4#

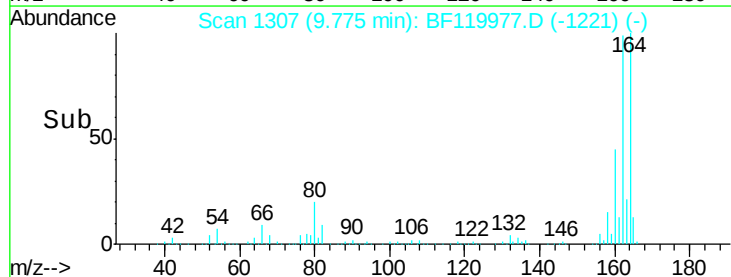
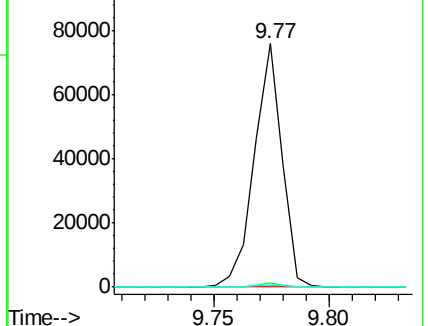
89 0.8 47.9 71.9#

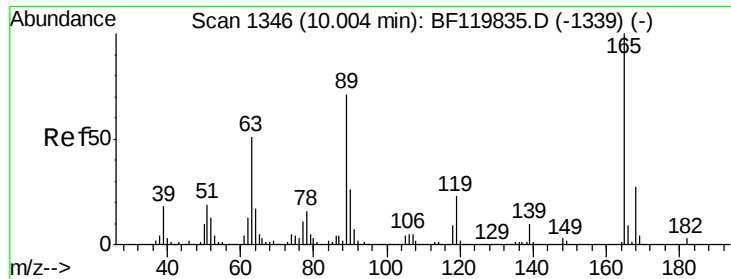


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

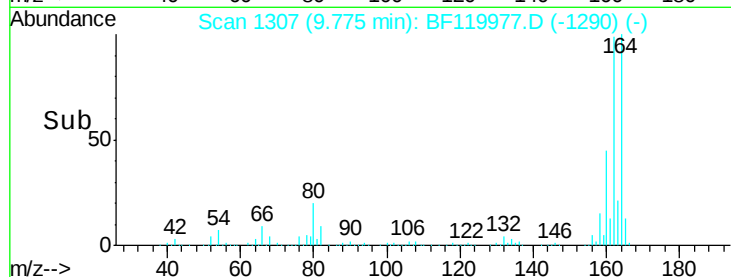
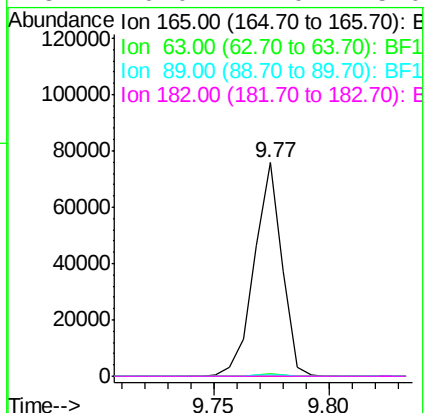
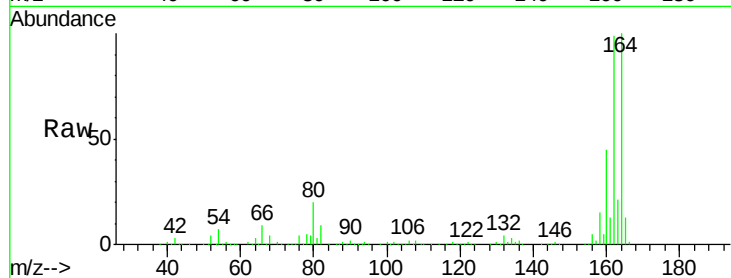




#57
 2,4-Dinitrotoluene
 Concen: 5.838 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF119977.D
 Acq: 15 Apr 2020 2:41

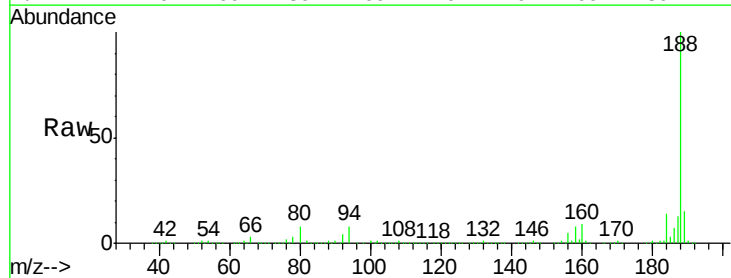
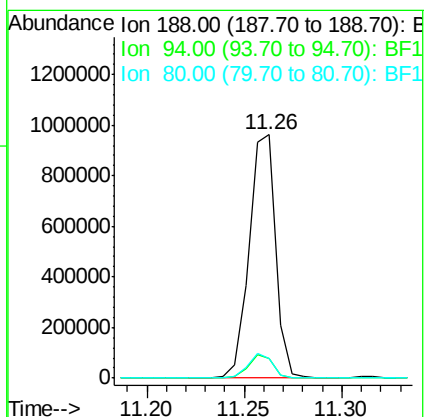
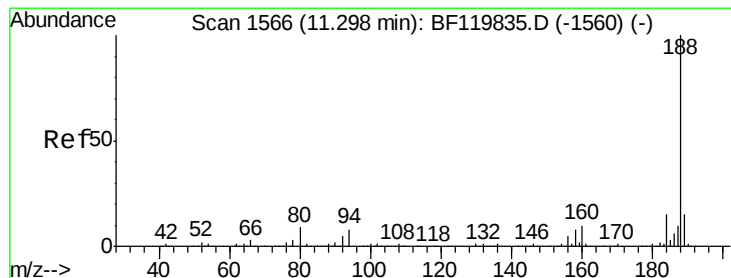
Instrument :
 BNA_F
 ClientSampleId :
 TP-8

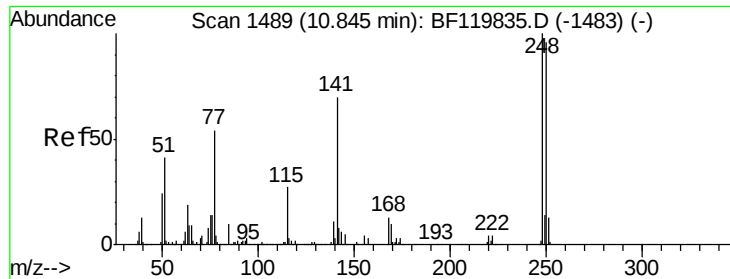
Tot Ion:165	Resp:	63396
Ion Ratio	Lower	Upper
165	100	
63	1.5	40.8 61.2#
89	0.8	56.9 85.3#
182	0.0	2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF119977.D
 Acq: 15 Apr 2020 2:41

Tgt Ion:188	Resp:	902444
Ion Ratio	Lower	Upper
188	100	
94	8.0	6.7 10.1
80	8.3	7.4 11.2

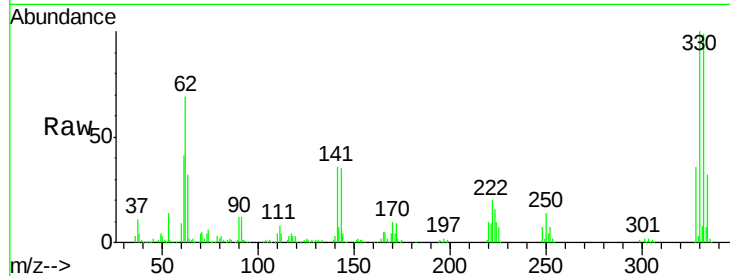




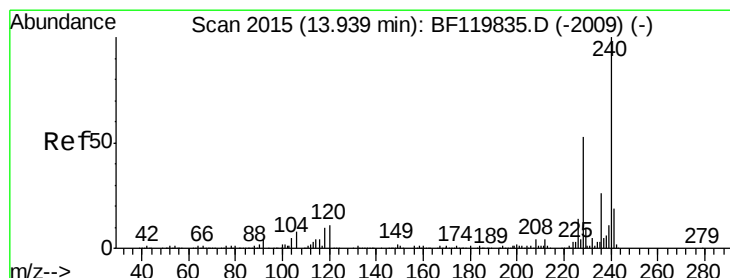
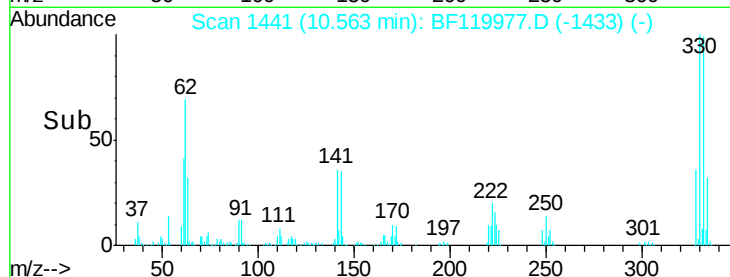
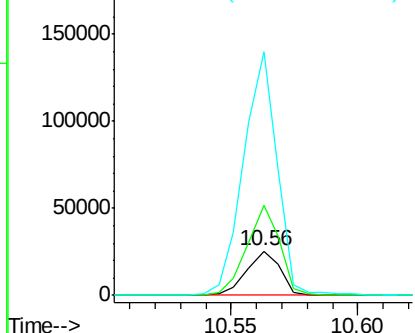
#67
 4-Bromophenyl-phenylether
 Concen: 2.100 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.25 min
 Lab File: BF119977.D
 Acq: 15 Apr 2020 2:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Tot Ion:248 Resp: 23569
 Ion Ratio Lower Upper
 248 100
 250 205.9 76.6 114.8#
 141 554.0 55.9 83.9#

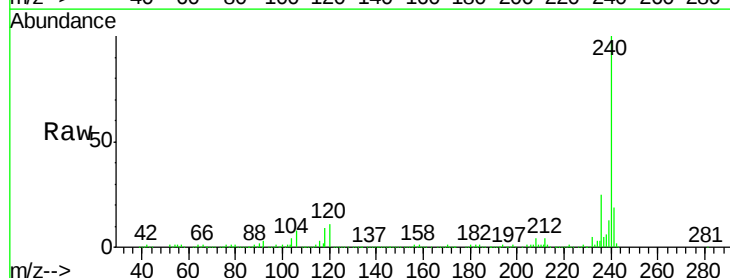


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

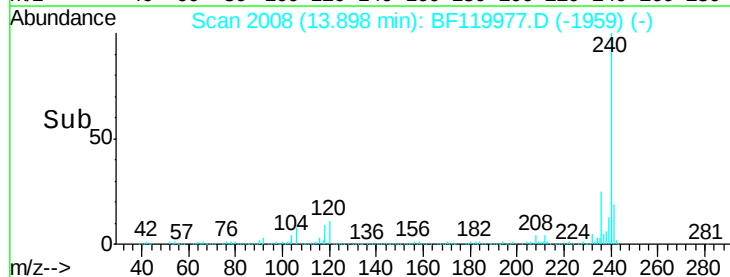
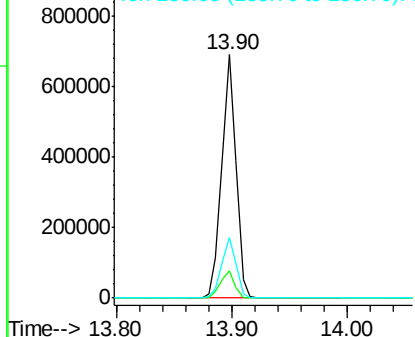


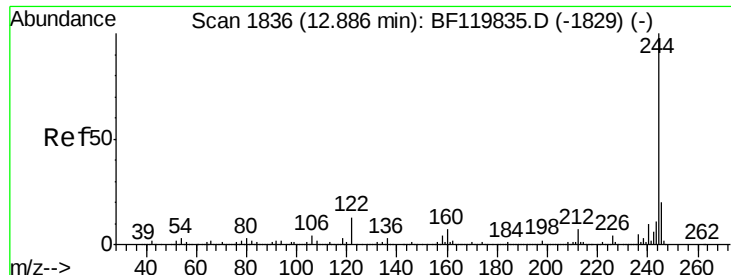
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF119977.D
 Acq: 15 Apr 2020 2:41

Tgt Ion:240 Resp: 599481
 Ion Ratio Lower Upper
 240 100
 120 11.1 9.0 13.6
 236 25.1 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: 47.374 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119977.D

Acq: 15 Apr 2020 2:41

Instrument :

BNA_F

ClientSampleId :

TP-8

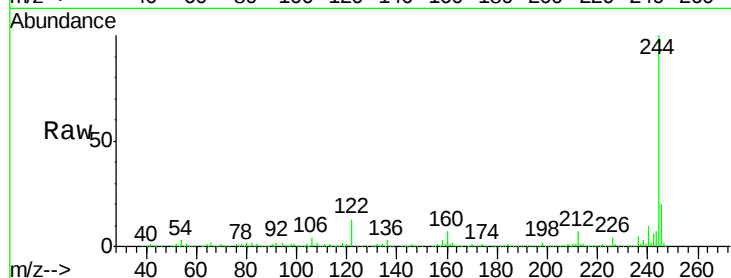
Tot Ion:244 Resp: 1687815

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

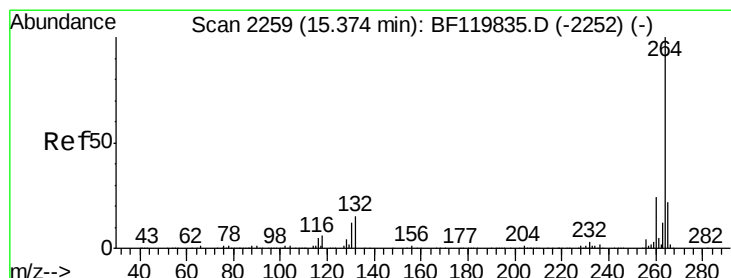
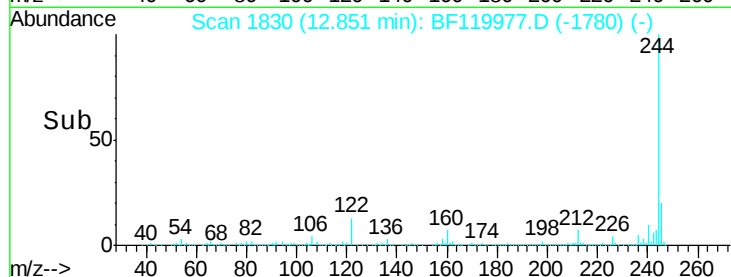
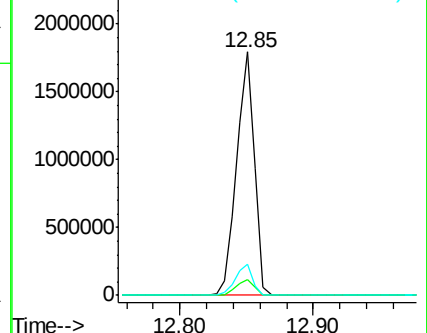
122 12.8 10.3 15.5



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: 15.32 min Scan# 2250

Delta R.T. -0.01 min

Lab File: BF119977.D

Acq: 15 Apr 2020 2:41

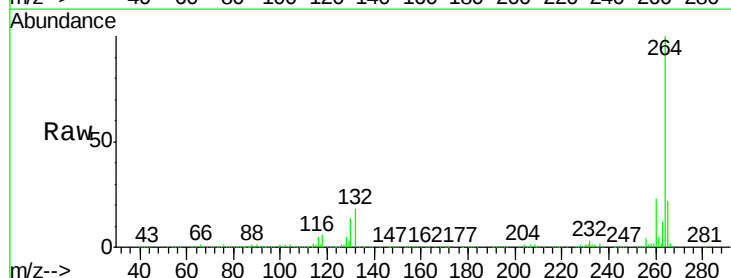
Tgt Ion:264 Resp: 467459

Ion Ratio Lower Upper

264 100

260 22.9 19.3 28.9

265 21.6 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

