

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041320\
 Data File : BF119917.D
 Acq On : 13 Apr 2020 15:39
 Operator : MA/SJ
 Sample : L2225-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Apr 13 16:14:57 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

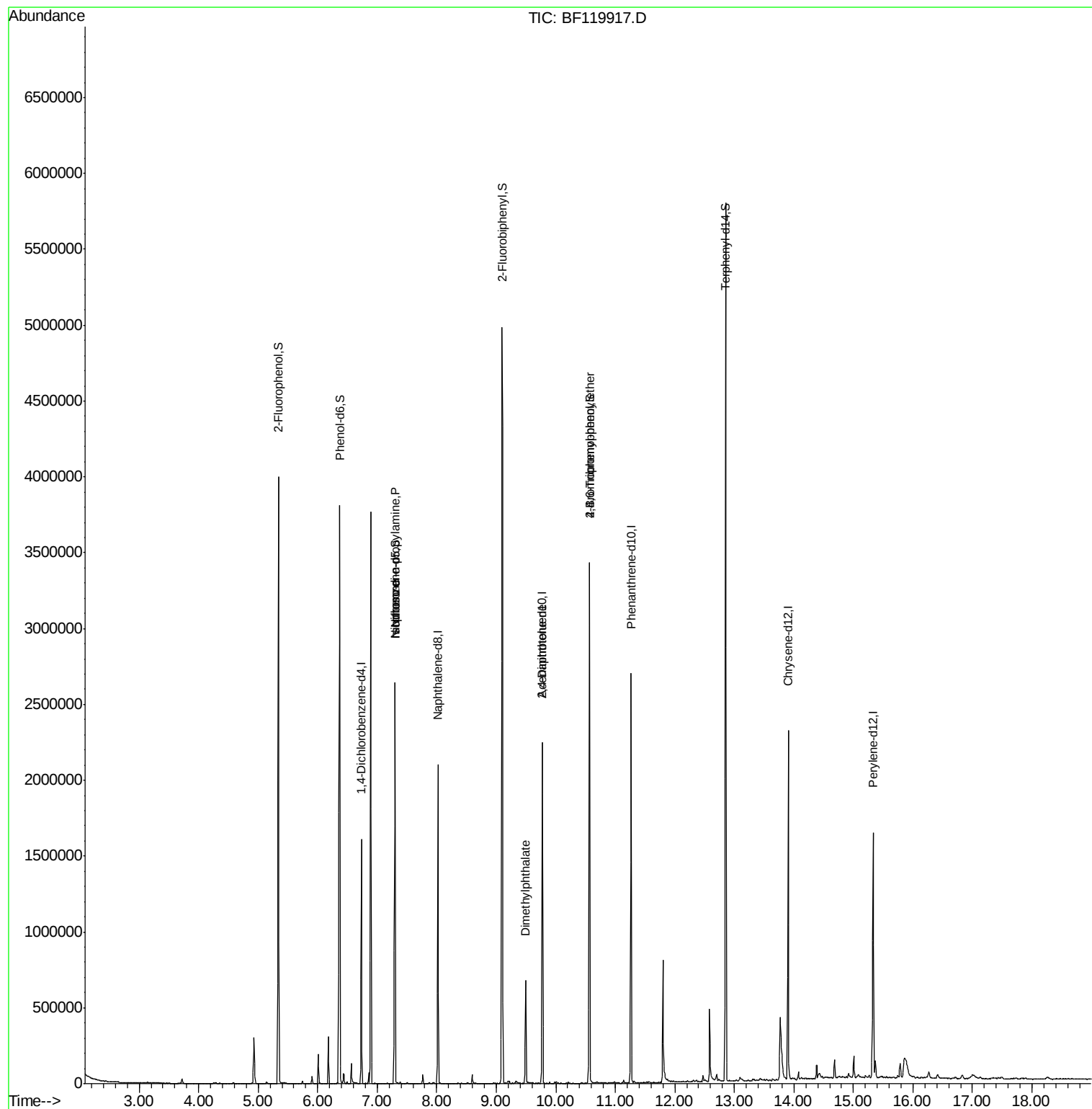
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	228713	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	895671	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	475872	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	946194	20.00	ng	0.00
76) Chrysene-d12	13.90	240	763350	20.00	ng	0.00
87) Perylene-d12	15.33	264	741643	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1085334	82.01	ng	0.00
7) Phenol-d6	6.37	99	1414629	82.95	ng	-0.01
23) Nitrobenzene-d5	7.30	82	872730	50.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	451413	77.48	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1716475	51.21	ng	-0.01
79) Terphenyl-d14	12.86	244	2113764	46.59	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	1837	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.30	70	116887	10.659	ng	# 75
25) Isophorone	7.30	82	868152	26.012	ng	# 65
50) Dimethylphthalate	9.49	163	277012	7.526	ng	100
57) 2,4-Dinitrotoluene	9.77	165	60983	5.742	ng	# 23
67) 4-Bromophenyl-phenylether	10.57	248	26330	2.238	ng	# 1

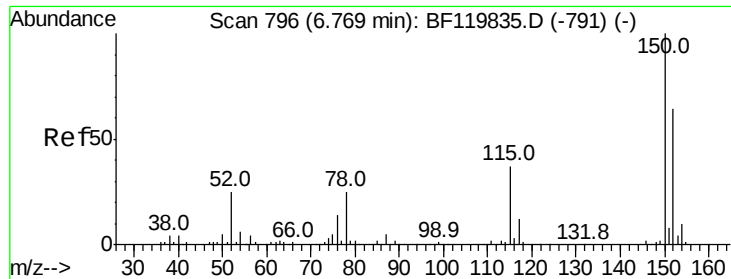
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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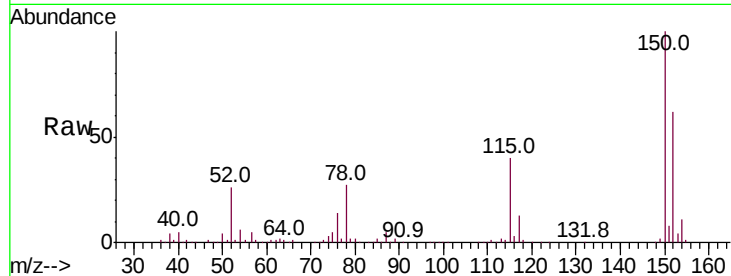


#1

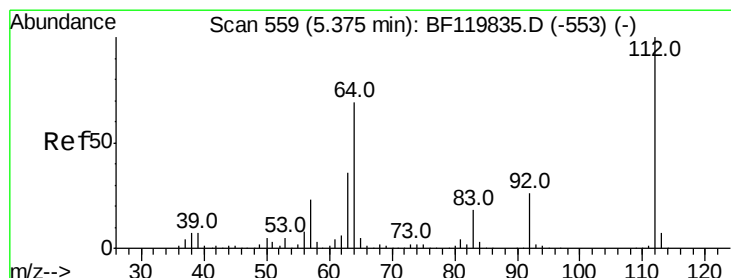
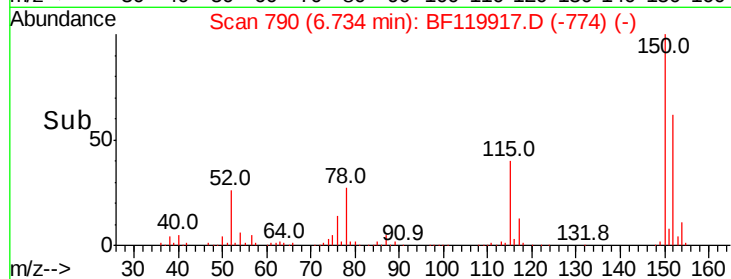
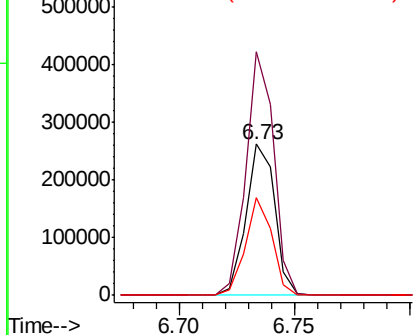
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119917.D
Acq: 13 Apr 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion:152 Resp: 228713
Ion Ratio Lower Upper
152 100
150 161.0 124.8 187.2
115 64.6 46.5 69.7



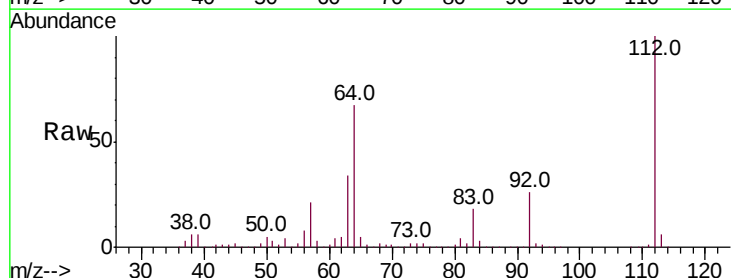
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



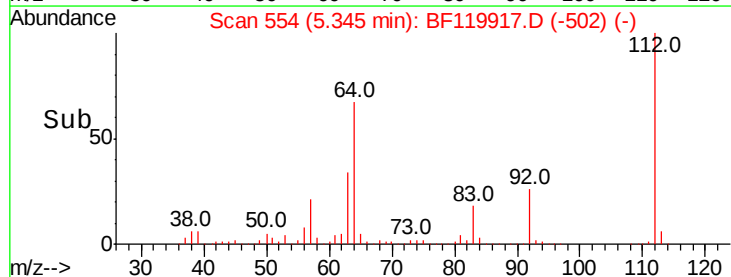
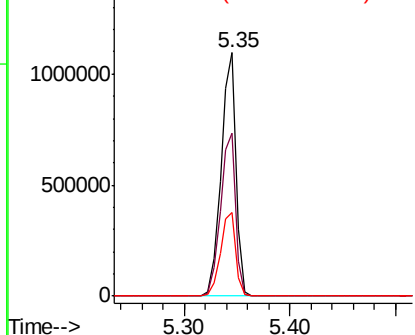
#5

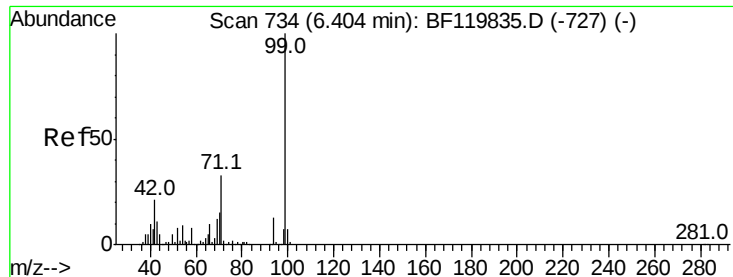
2-Fluorophenol
Concen: 82.009 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF119917.D
Acq: 13 Apr 2020 15:39

Tgt Ion:112 Resp: 1085334
Ion Ratio Lower Upper
112 100
64 66.9 55.5 83.3
63 34.3 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: 82.955 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119917.D

Acq: 13 Apr 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-7

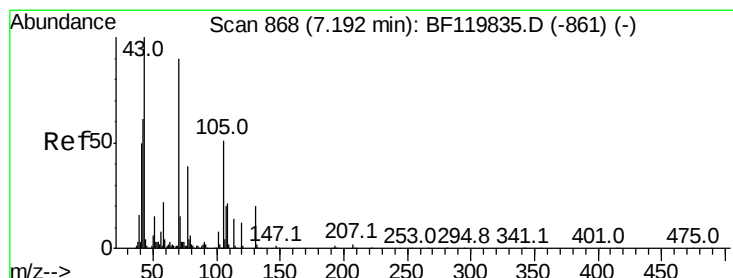
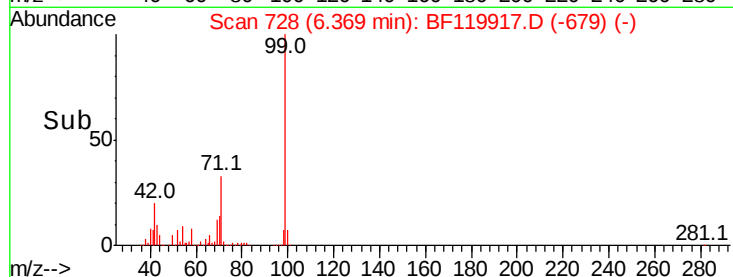
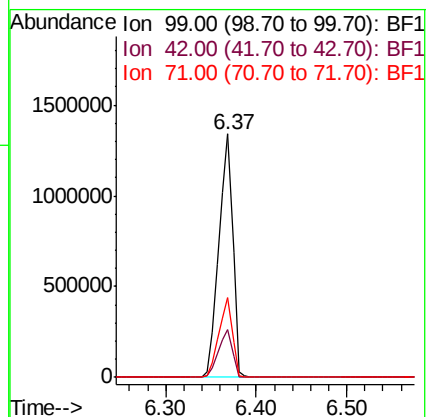
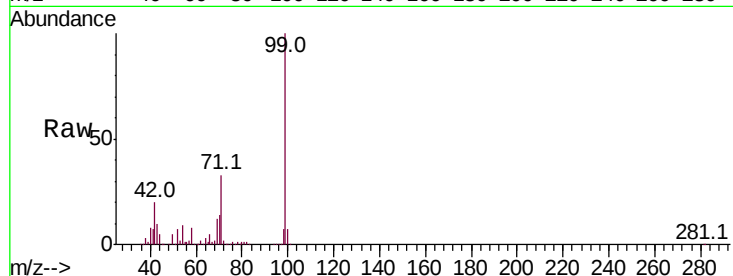
Tot Ion: 99 Resp: 1414629

Ion Ratio Lower Upper

99 100

42 19.6 16.9 25.3

71 32.7 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 10.659 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF119917.D

Acq: 13 Apr 2020 15:39

Tgt Ion: 70 Resp: 116887

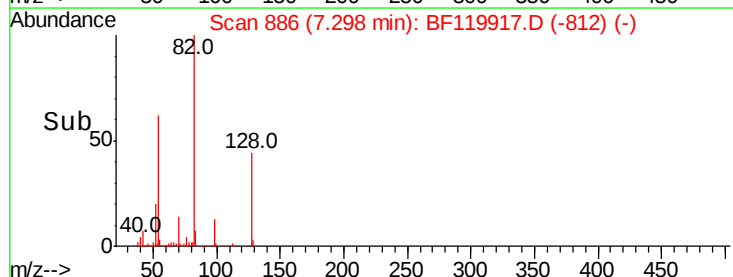
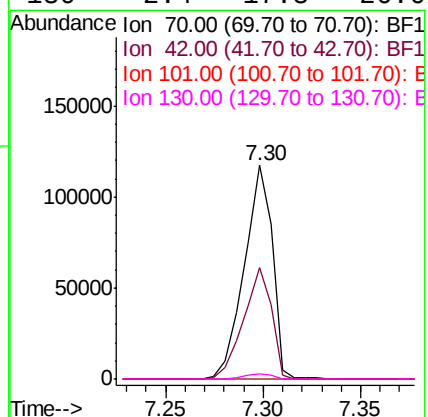
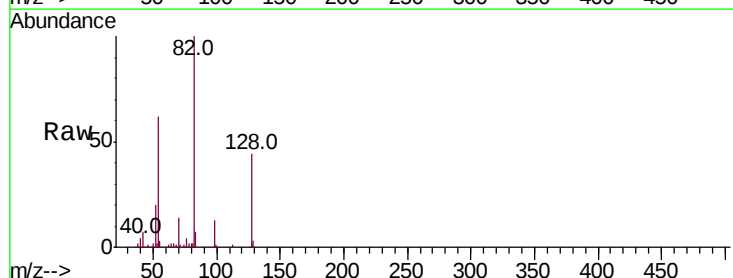
Ion Ratio Lower Upper

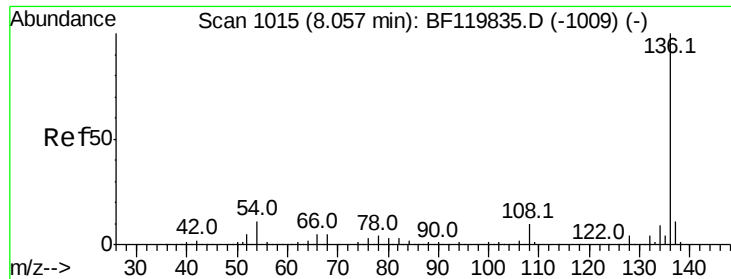
70 100

42 51.9 54.2 81.4#

101 0.0 7.4 11.2#

130 2.4 17.8 26.6#

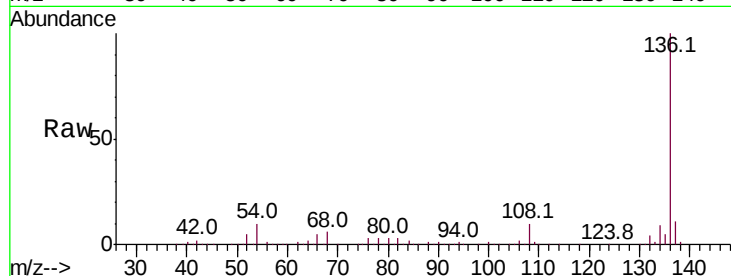




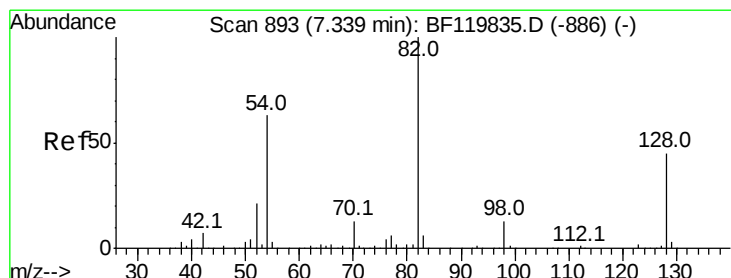
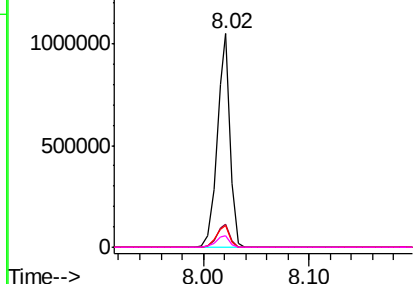
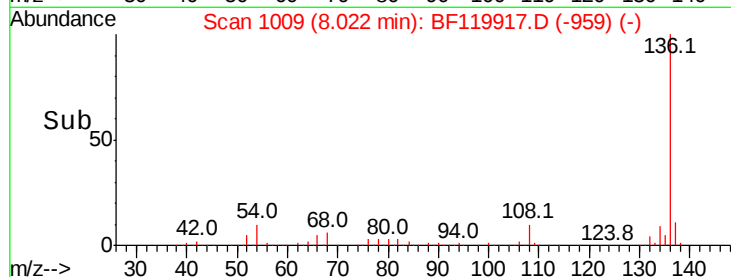
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119917.D
Acq: 13 Apr 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion:	136	Resp:	895671
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.0	8.5	12.7
68	5.5	3.9	5.9

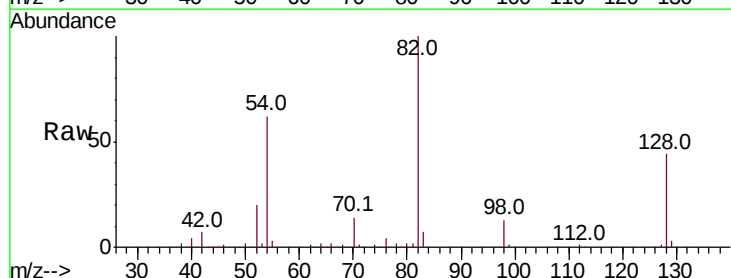


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

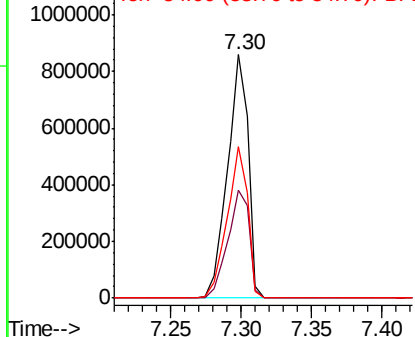
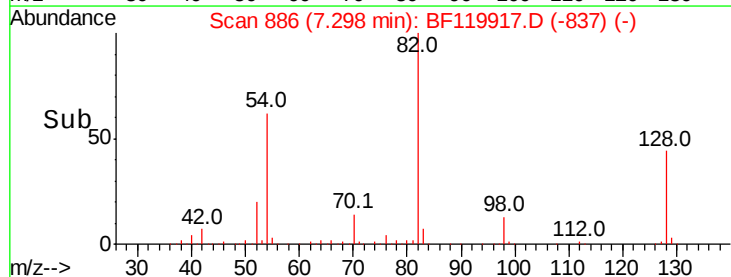


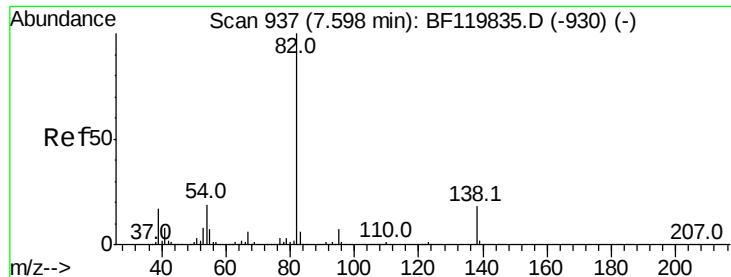
#23
Nitrobenzene-d5
Concen: 50.409 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF119917.D
Acq: 13 Apr 2020 15:39

Tgt Ion:	82	Resp:	872730
Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.2	54.4
54	62.4	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: 26.012 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.27 min

Lab File: BF119917.D

Acq: 13 Apr 2020 15:39

Instrument :

BNA_F

ClientSampleId :

TP-7

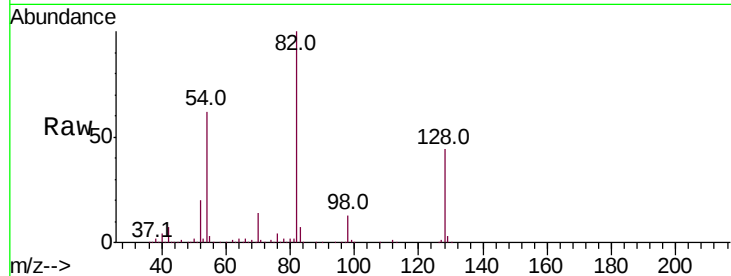
Tot Ion: 82 Resp: 868152

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

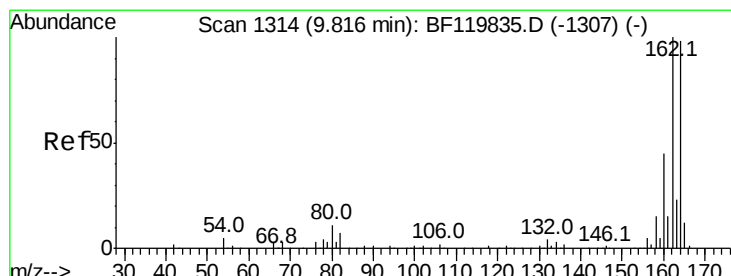
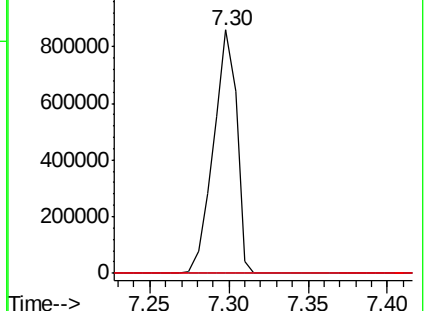
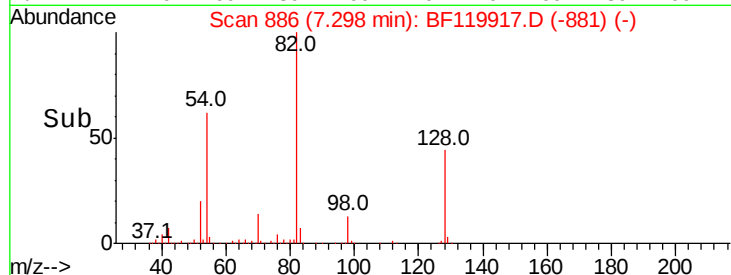
138 0.0 14.5 21.7#



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: BF119917.D

Acq: 13 Apr 2020 15:39

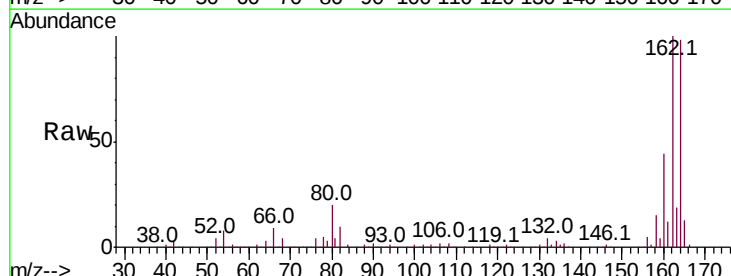
Tgt Ion:164 Resp: 475872

Ion Ratio Lower Upper

164 100

162 102.4 81.9 122.9

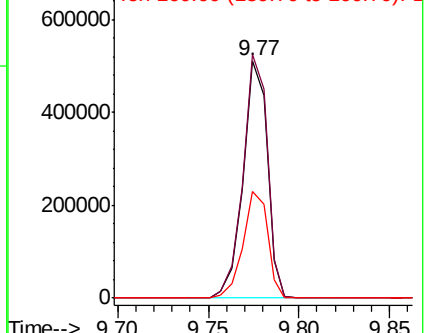
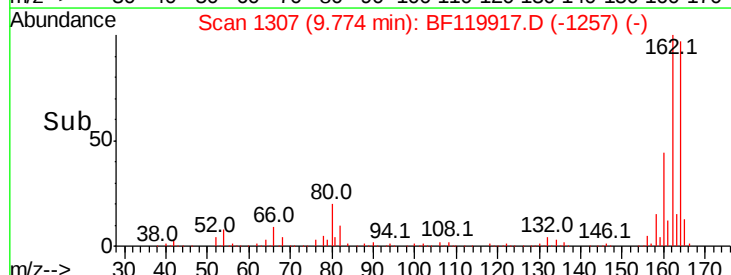
160 44.6 36.6 54.8

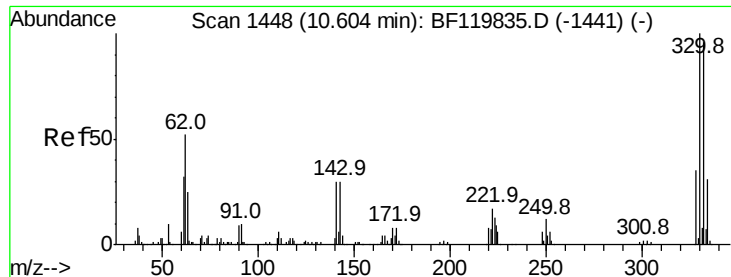


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

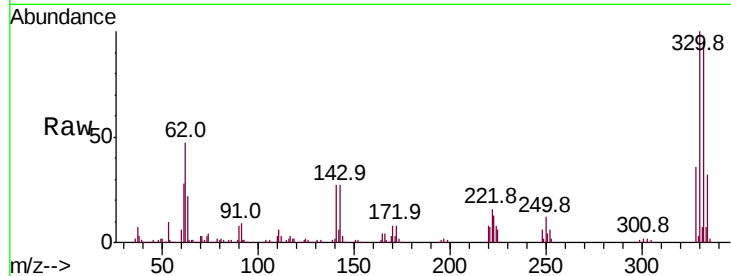




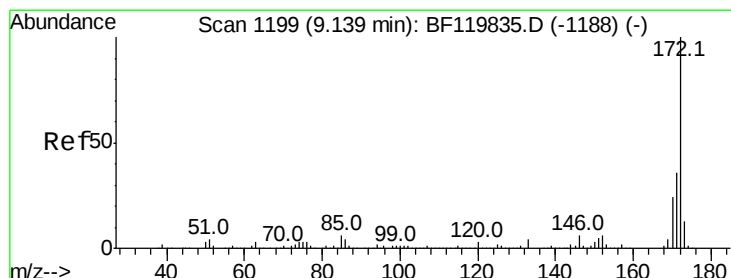
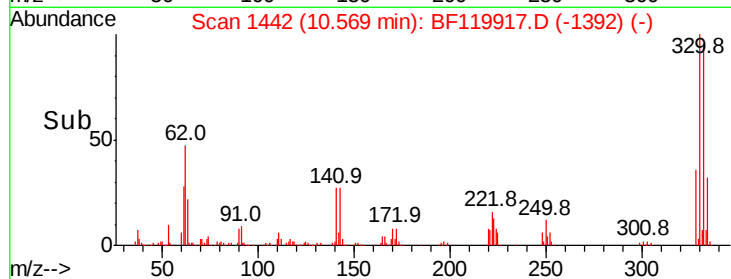
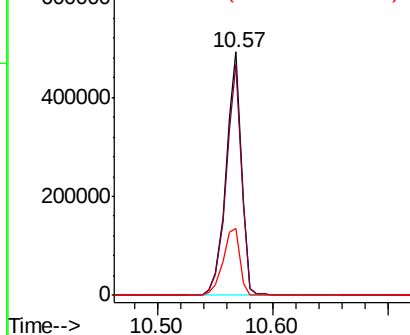
#42
 2,4,6-Tribromophenol
 Concen: 77.479 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119917.D
 Acq: 13 Apr 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.8	115.2
141	30.3	25.1	37.7

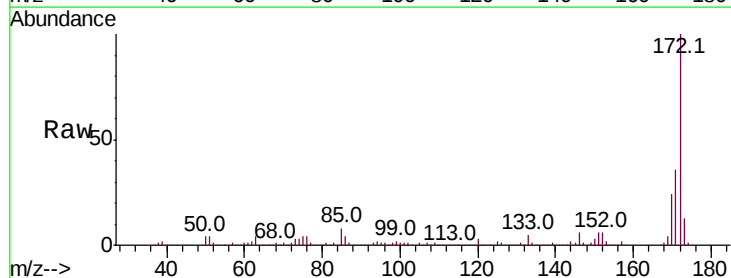


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

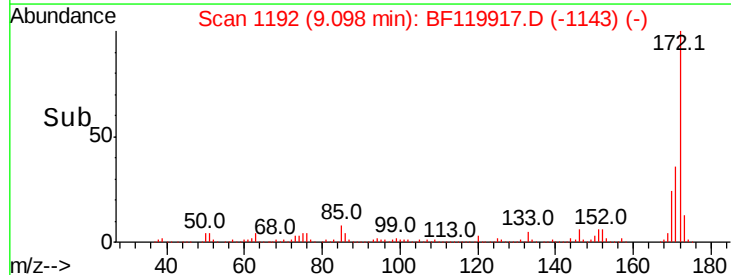
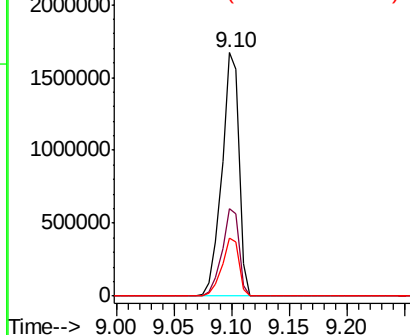


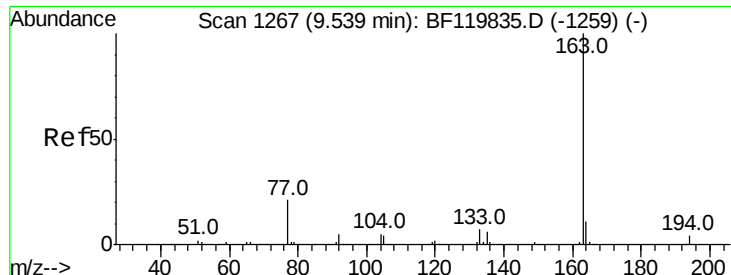
#45
 2-Fluorobiphenyl
 Concen: 51.212 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119917.D
 Acq: 13 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	24.0	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

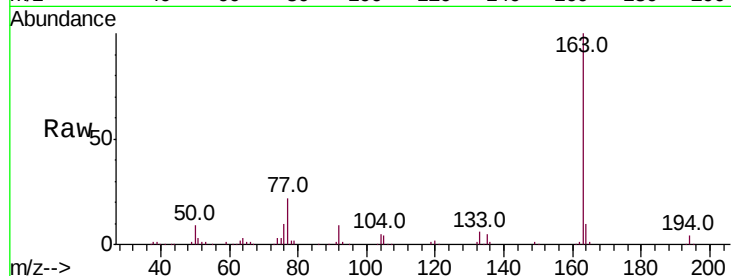




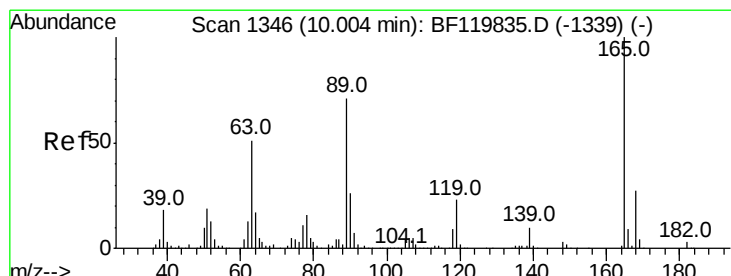
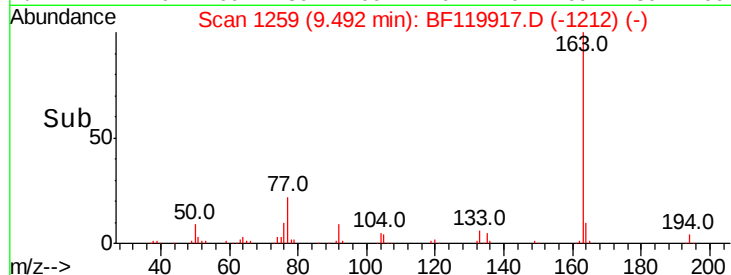
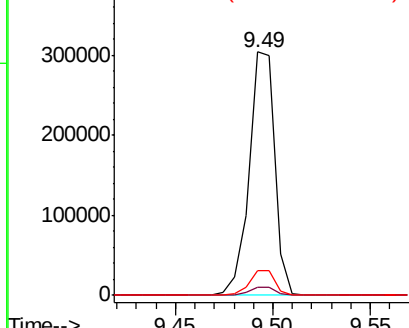
#50
Dimethylphthalate
Concen: 7.526 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF119917.D
Acq: 13 Apr 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion:163	Resp:	277012
Ion Ratio	Lower	Upper
163	100	
194	3.5	3.0 4.4
164	10.4	8.4 12.6

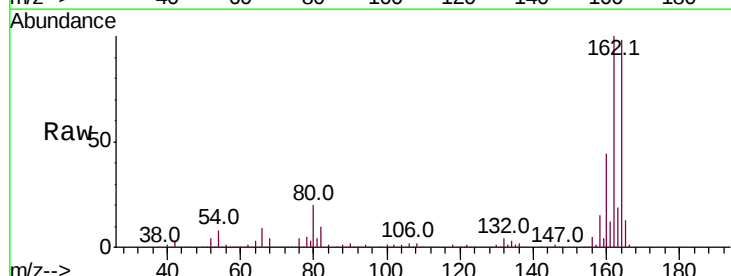


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

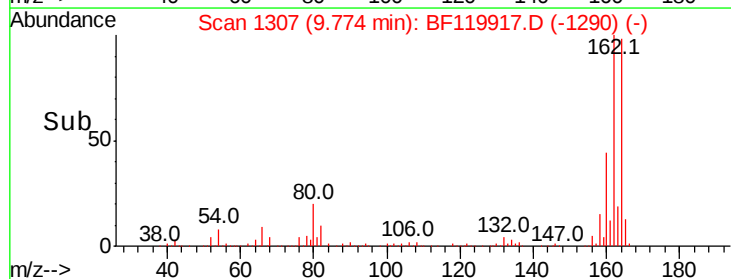
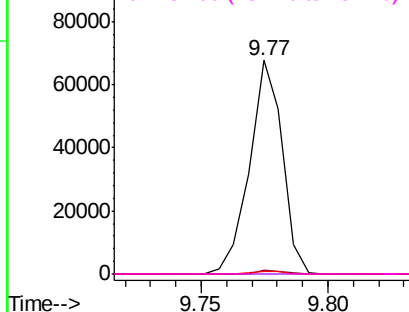


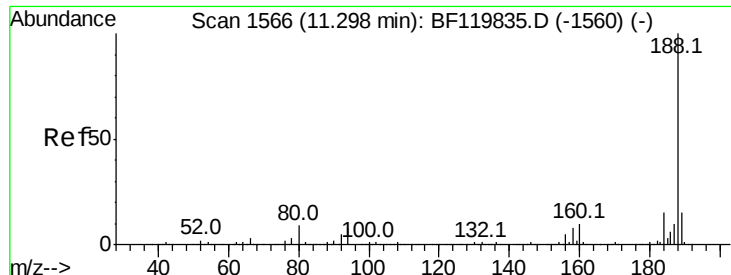
#57
2,4-Dinitrotoluene
Concen: 5.742 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.20 min
Lab File: BF119917.D
Acq: 13 Apr 2020 15:39

Tgt Ion:165	Resp:	60983
Ion Ratio	Lower	Upper
165	100	
63	1.6	40.8 61.2#
89	1.1	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

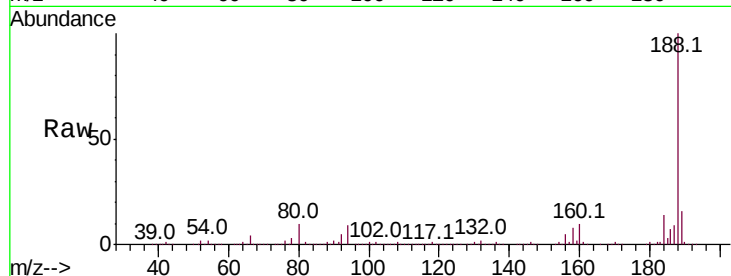




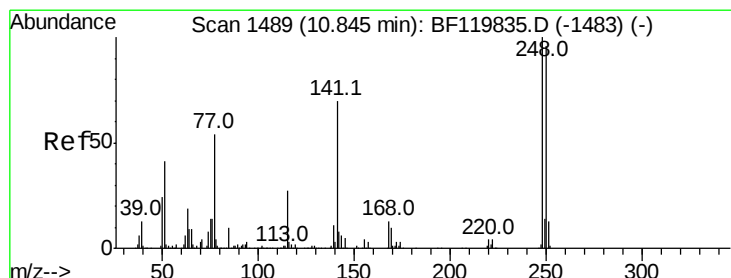
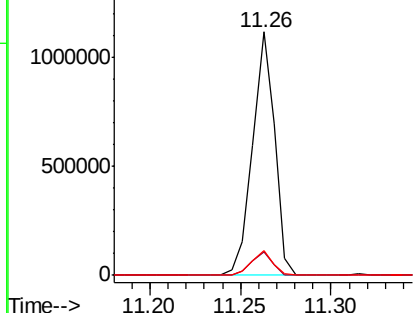
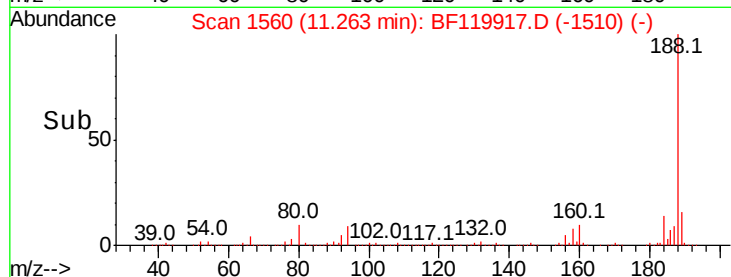
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF119917.D
 Acq: 13 Apr 2020 15:39

Instrument :
 BNA_F
 ClientSampled :
 TP-7

Tot Ion:188 Resp: 946194
 Ion Ratio Lower Upper
 188 100
 94 9.5 6.7 10.1
 80 10.1 7.4 11.2

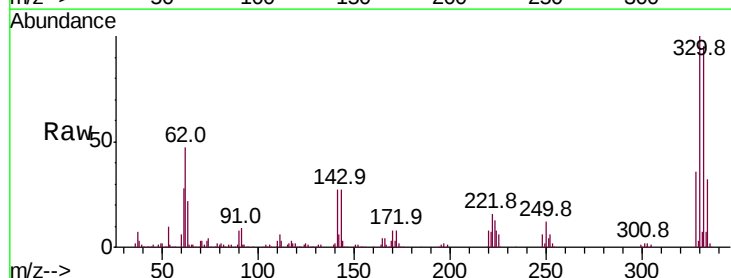


Abundance Ion 188.00 (187.70 to 188.70): E
 1500000 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

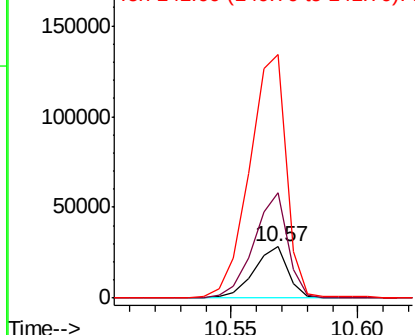
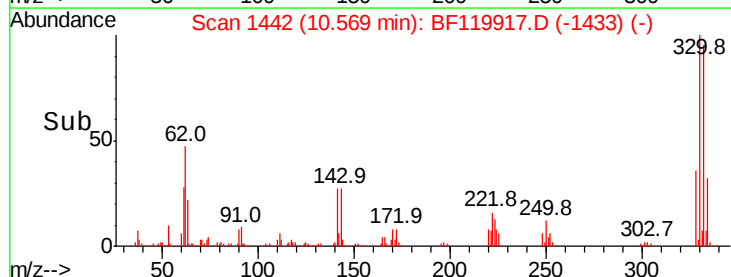


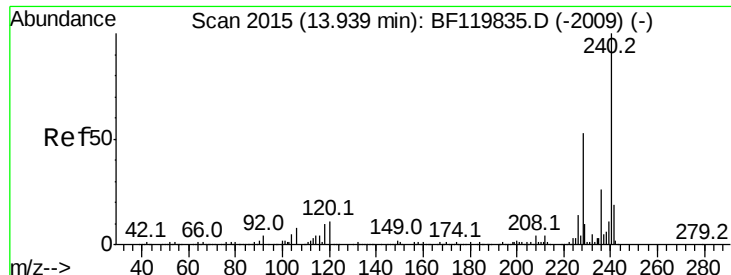
#67
 4-Bromophenyl-phenylether
 Concen: 2.238 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF119917.D
 Acq: 13 Apr 2020 15:39

Tgt Ion:248 Resp: 26330
 Ion Ratio Lower Upper
 248 100
 250 204.6 76.6 114.8#
 141 473.3 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

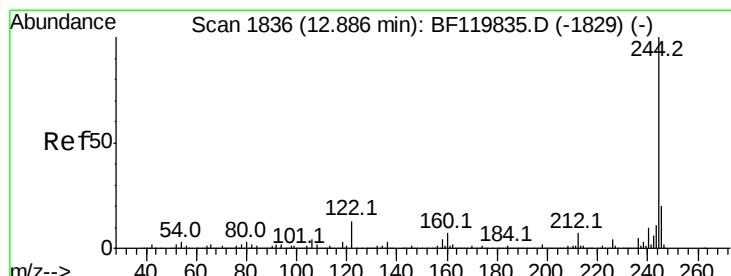
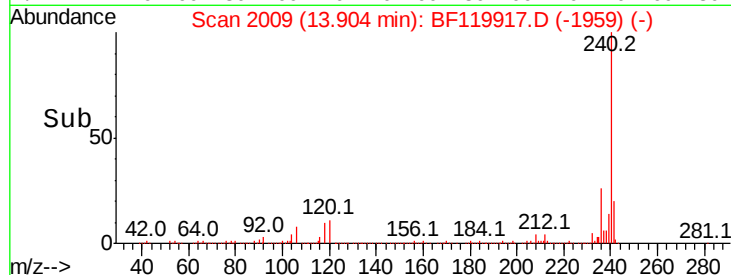
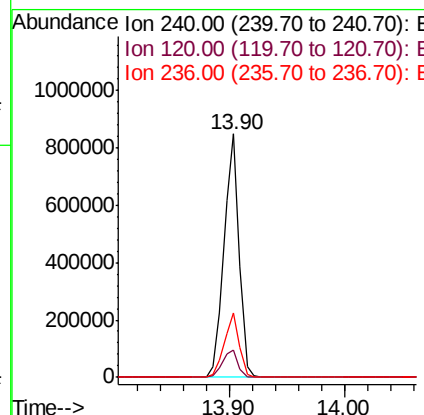
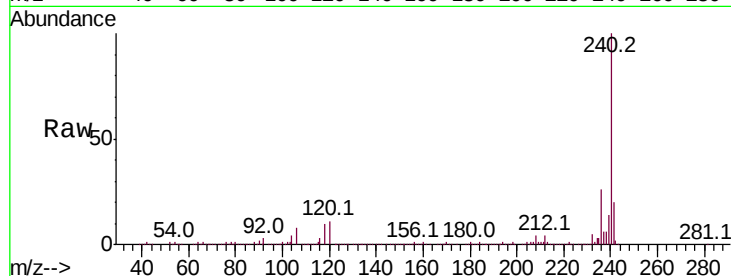




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF119917.D
 Acq: 13 Apr 2020 15:39

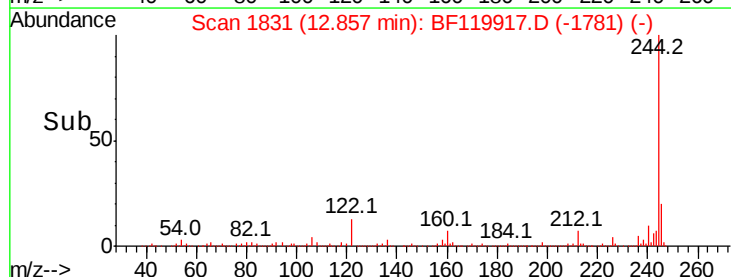
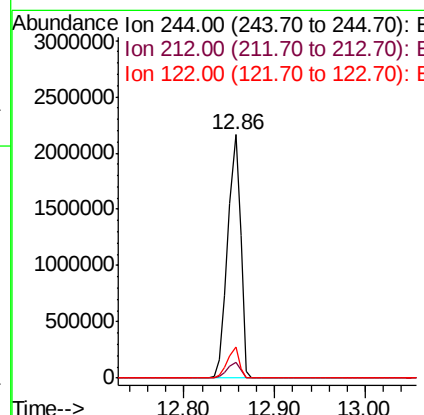
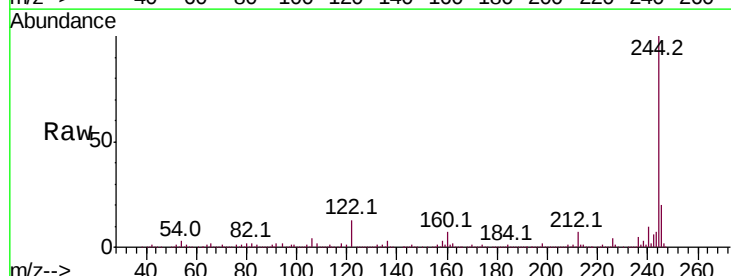
Instrument :
 BNA_F
 ClientSampled :
 TP-7

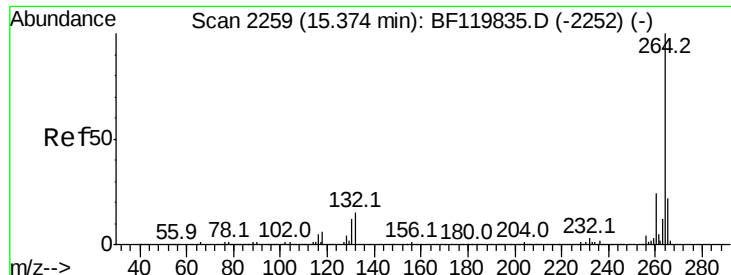
Tot Ion:240 Resp: 763350
 Ion Ratio Lower Upper
 240 100
 120 11.4 9.0 13.6
 236 26.2 20.7 31.1



#79
 Terphenyl-d14
 Concen: 46.594 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BF119917.D
 Acq: 13 Apr 2020 15:39

Tgt Ion:244 Resp: 2113764
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 12.7 10.3 15.5

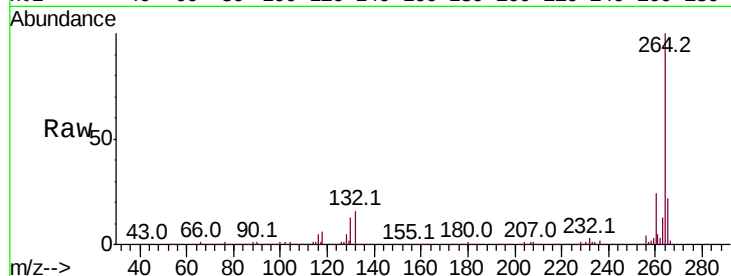




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF119917.D
Acq: 13 Apr 2020 15:39

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	22.2	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

