

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041320\
 Data File : BF119915.D
 Acq On : 13 Apr 2020 14:44
 Operator : MA/SJ
 Sample : L2215-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-37-36-COMP

Quant Time: Apr 13 15:14:00 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

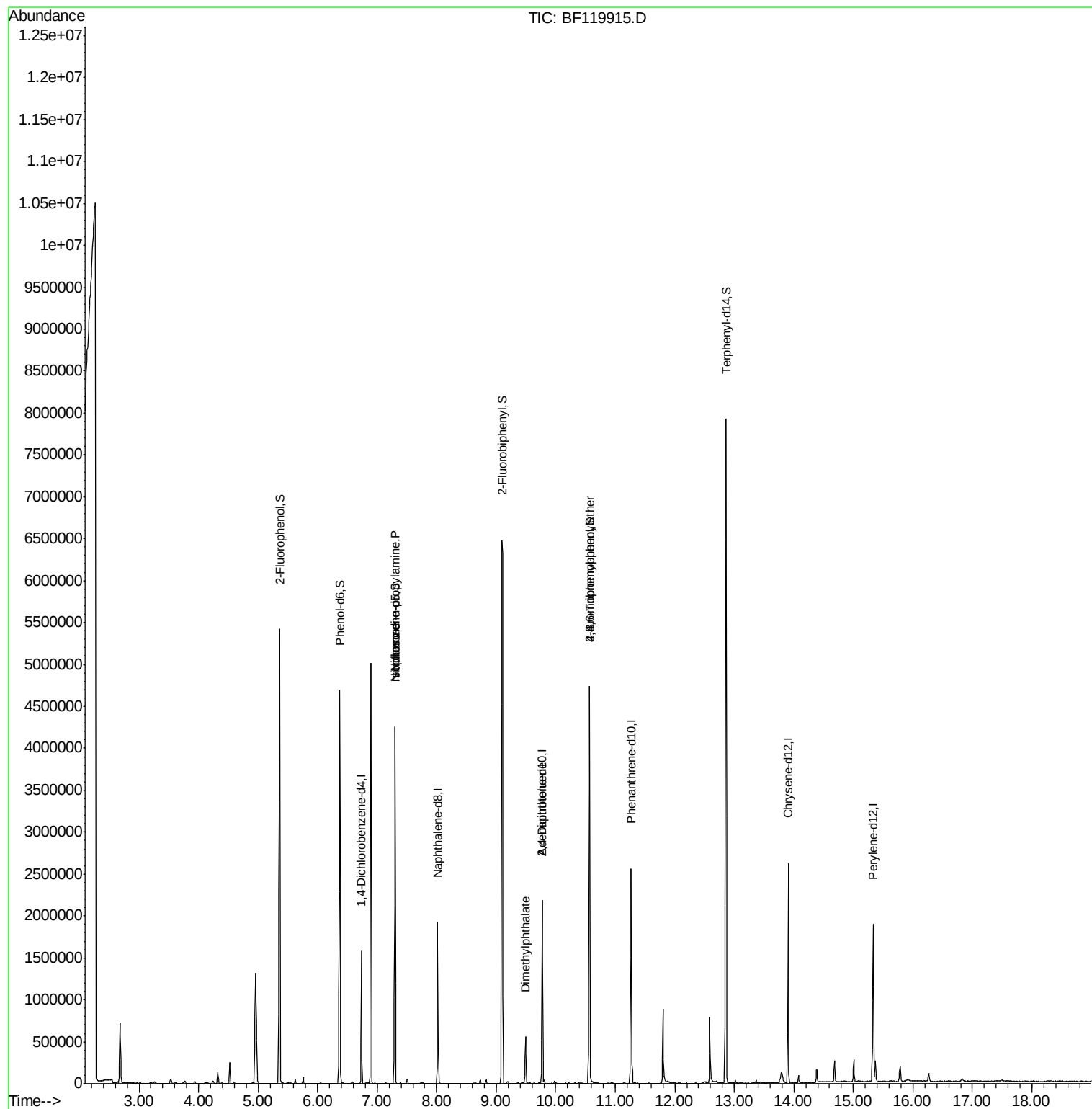
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	235386	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	900268	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	480760	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	974763	20.00	ng	0.00
76) Chrysene-d12	13.90	240	840349	20.00	ng	0.00
87) Perylene-d12	15.33	264	846948	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1602291	117.64	ng	0.02
7) Phenol-d6	6.37	99	1782042	101.54	ng	0.00
23) Nitrobenzene-d5	7.30	82	1397610	80.31	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	736415	125.11	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2566615	75.80	ng	0.00
79) Terphenyl-d14	12.86	244	3349995	67.08	ng	0.00
Target Compounds						
9) Benzaldehyde	6.29	77	338	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	184333	16.333 ng	#	33
25) Isophorone	7.30	82	1397591	41.662 ng	#	76
50) Dimethylphthalate	9.49	163	224607	6.040 ng	#	65
57) 2,4-Dinitrotoluene	9.77	165	63841	5.950 ng	#	99
67) 4-Bromophenyl-phenylether	10.57	248	43364	3.577 ng	#	22
					#	1

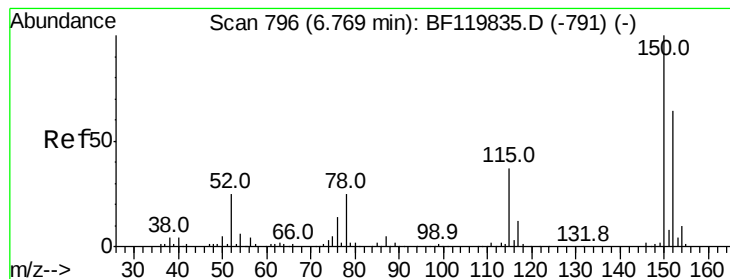
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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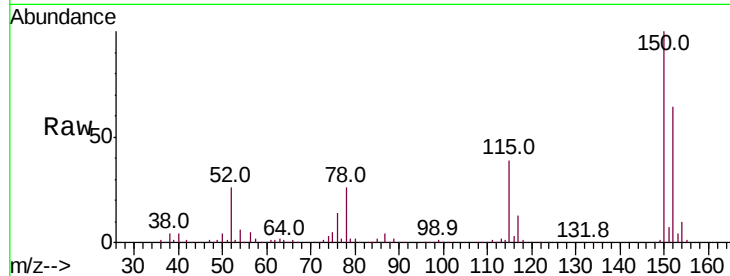


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119915.D
 Acq: 13 Apr 2020 14:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-37-36-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.8	187.2
115	60.8	46.5	69.7

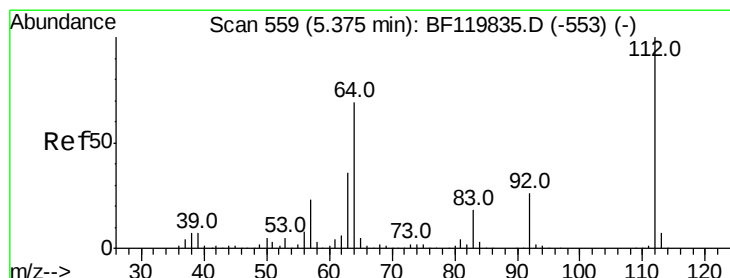
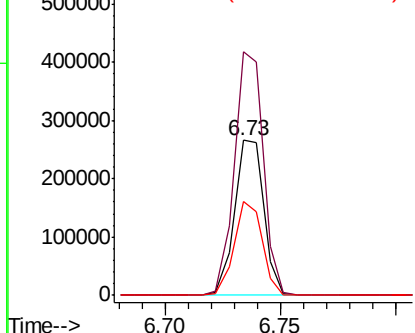
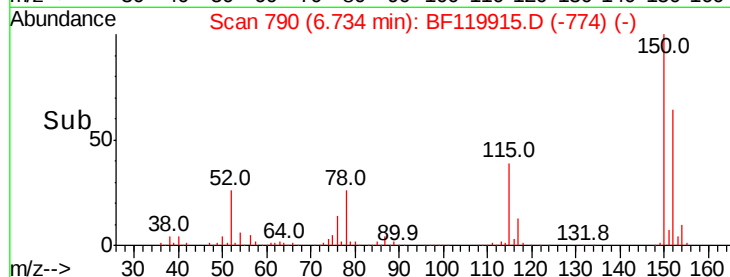


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

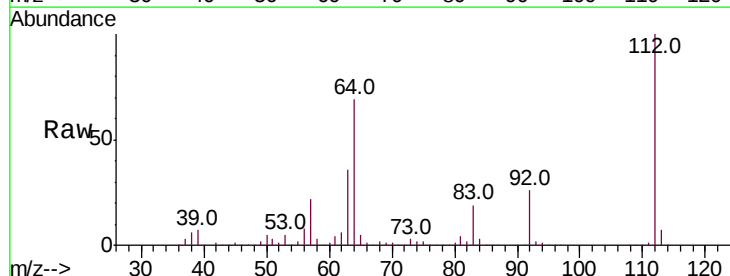
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 117.639 ng
 RT: 5.36 min Scan# 557
 Delta R.T. 0.02 min
 Lab File: BF119915.D
 Acq: 13 Apr 2020 14:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	55.5	83.3
63	35.7	29.1	43.7

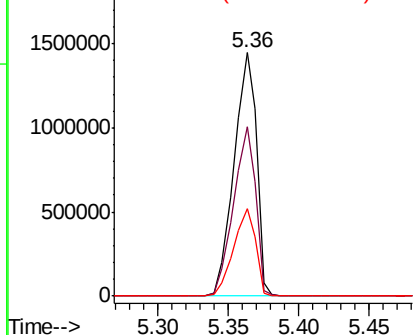
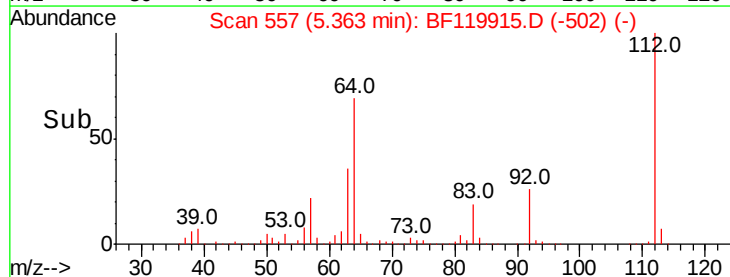


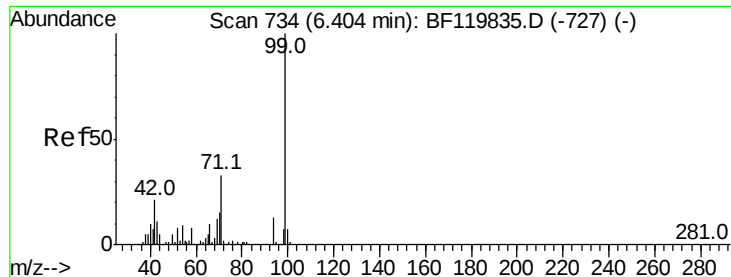
Abundance

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: 101.537 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119915.D

Acq: 13 Apr 2020 14:44

Instrument :

BNA_F

ClientSampleId :

TP-37-36-COMP

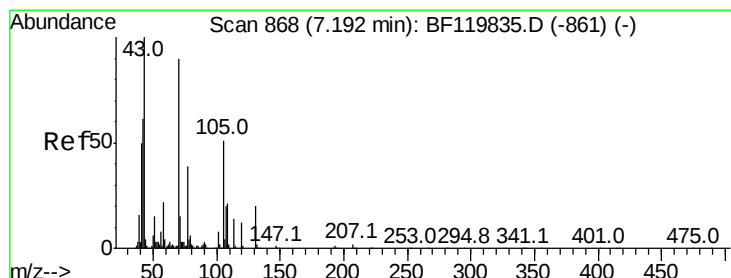
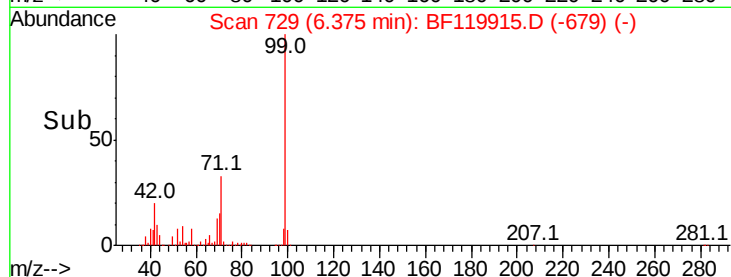
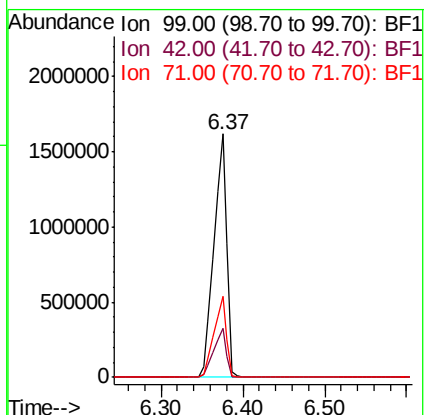
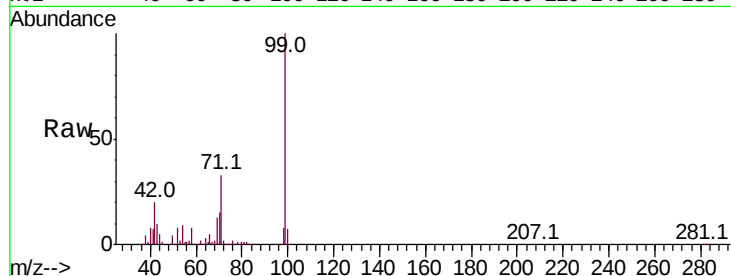
Tot Ion: 99 Resp: 1782042

Ion Ratio Lower Upper

99 100

42 20.3 16.9 25.3

71 33.3 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 16.333 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.14 min

Lab File: BF119915.D

Acq: 13 Apr 2020 14:44

Tgt Ion: 70 Resp: 184333

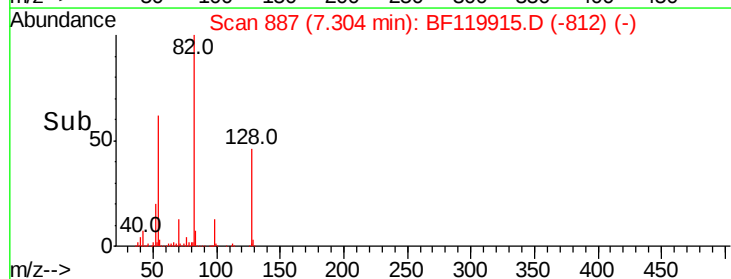
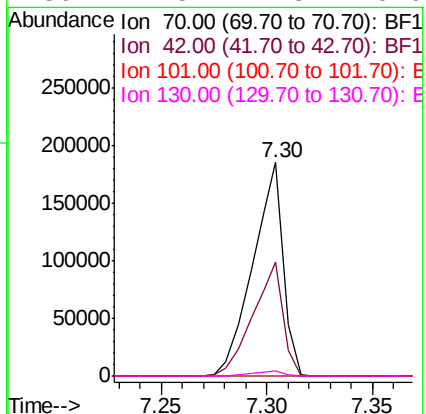
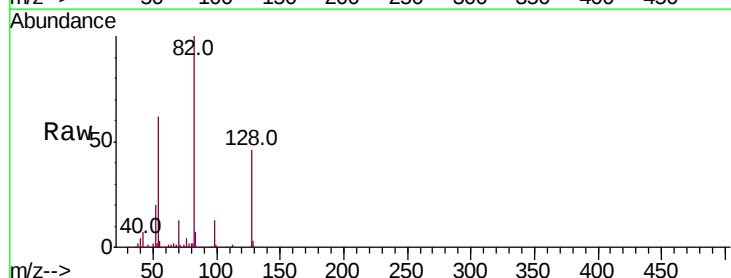
Ion Ratio Lower Upper

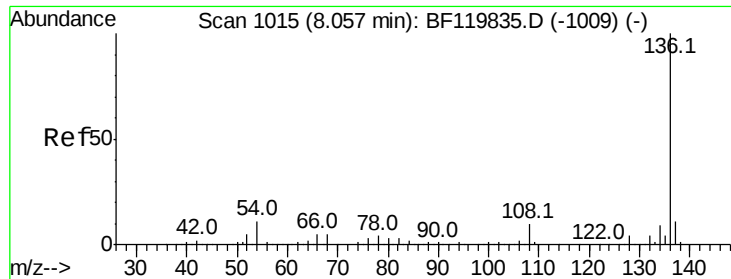
70 100

42 53.2 54.2 81.4#

101 0.0 7.4 11.2#

130 2.5 17.8 26.6#

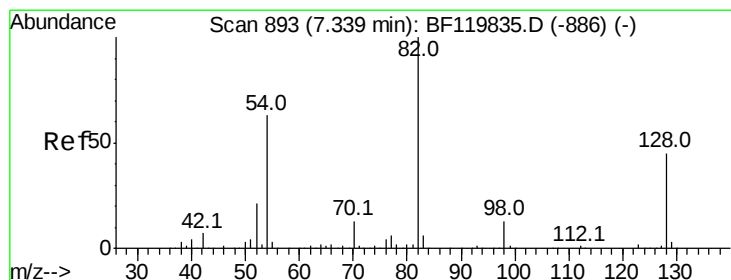
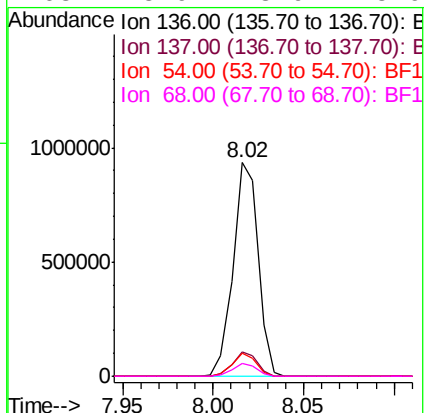
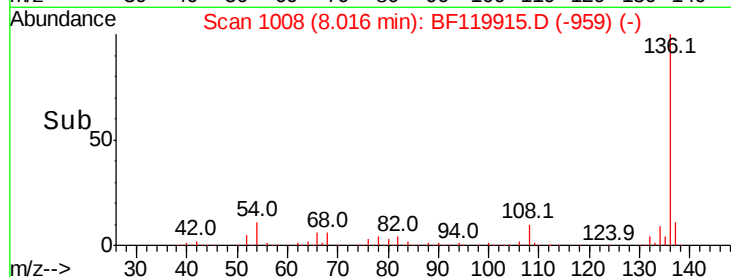
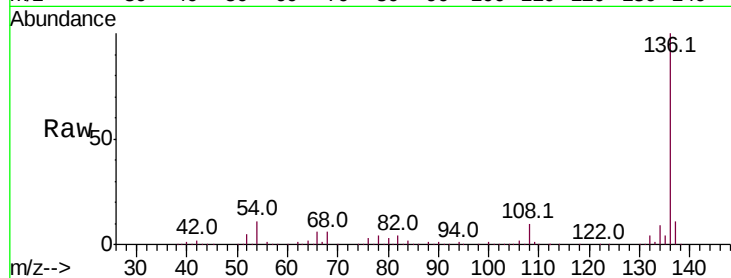




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF119915.D
Acq: 13 Apr 2020 14:44

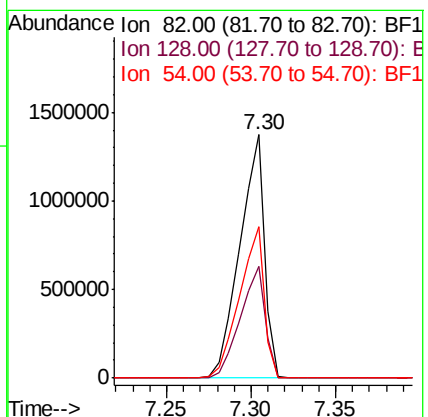
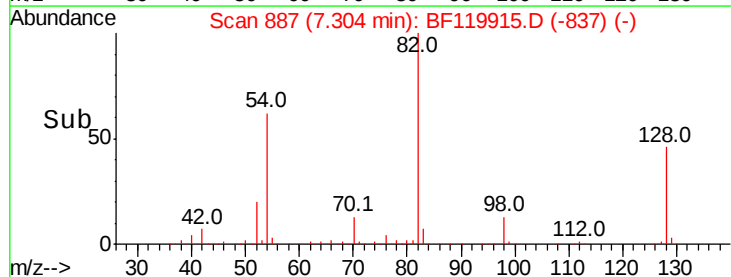
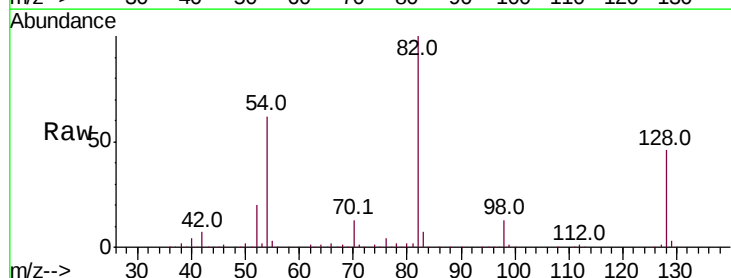
Instrument :
BNA_F
ClientSampleId :
TP-37-36-COMP

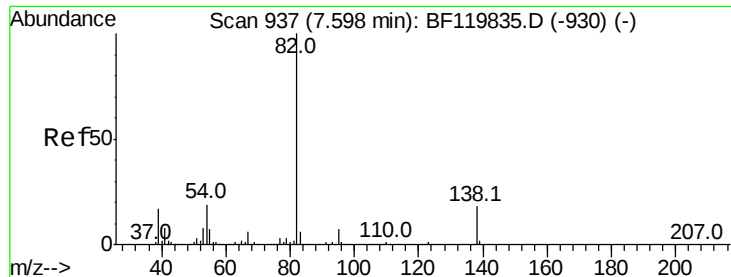
Tot Ion:136 Resp: 900268
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 11.0 8.5 12.7
68 5.9 3.9 5.9#



#23
Nitrobenzene-d5
Concen: 80.313 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF119915.D
Acq: 13 Apr 2020 14:44

Tgt Ion: 82 Resp: 1397610
Ion Ratio Lower Upper
82 100
128 46.0 36.2 54.4
54 62.2 50.4 75.6





#25

Isophorone

Concen: 41.662 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.26 min

Lab File: BF119915.D

Acq: 13 Apr 2020 14:44

Instrument :

BNA_F

ClientSampleId :

TP-37-36-COMP

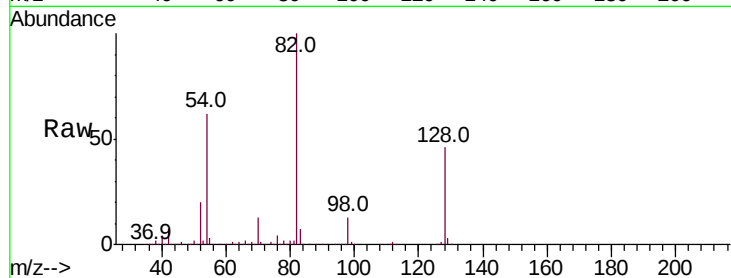
Tot Ion: 82 Resp: 1397591

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

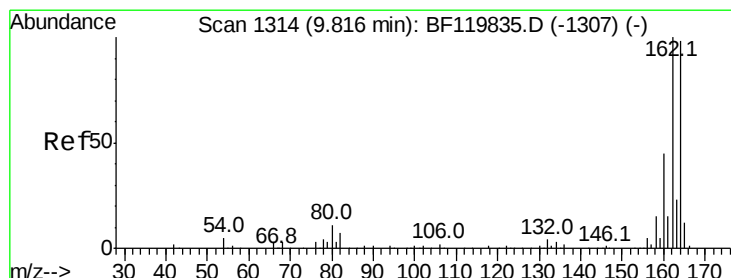
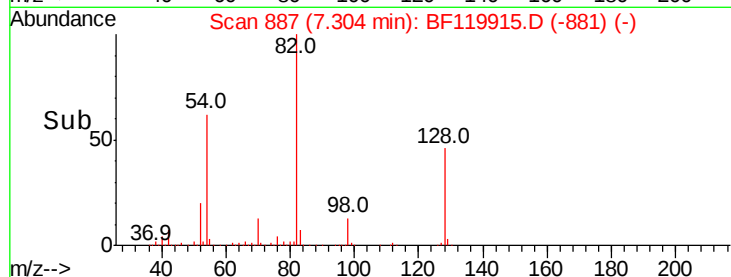
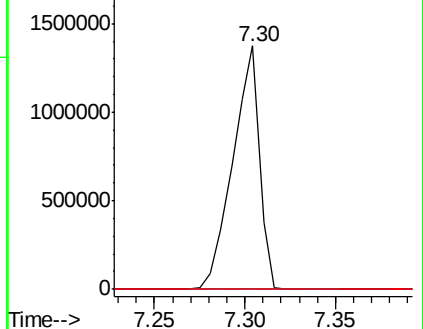
138 0.0 14.5 21.7#



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: BF119915.D

Acq: 13 Apr 2020 14:44

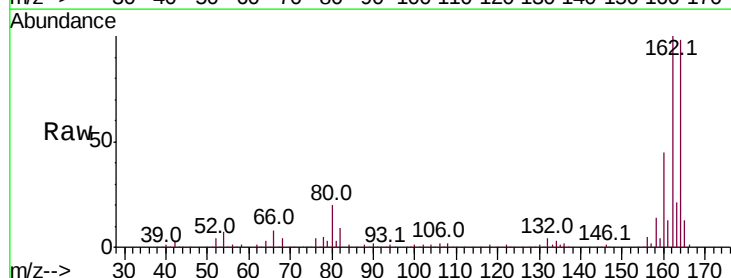
Tgt Ion:164 Resp: 480760

Ion Ratio Lower Upper

164 100

162 102.4 81.9 122.9

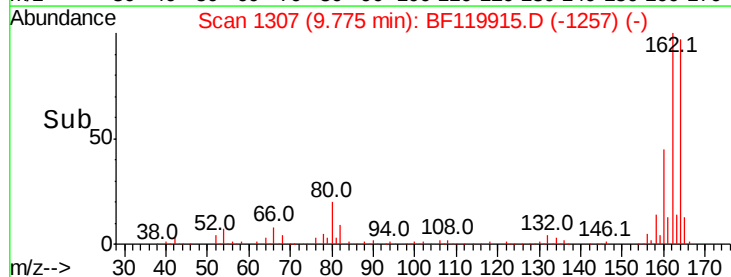
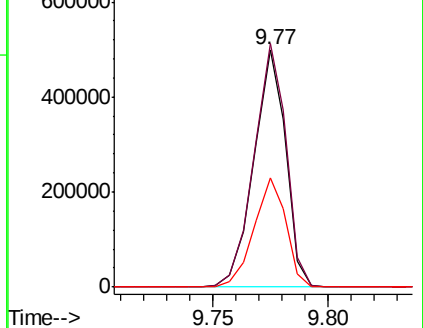
160 45.7 36.6 54.8

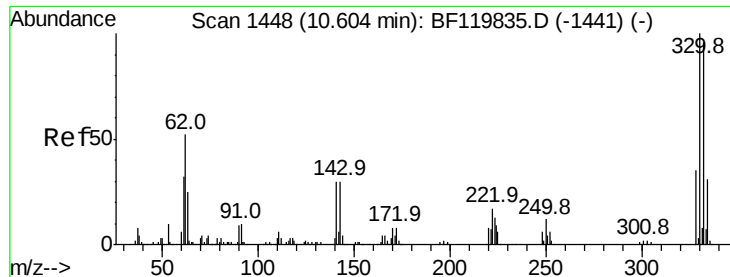


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

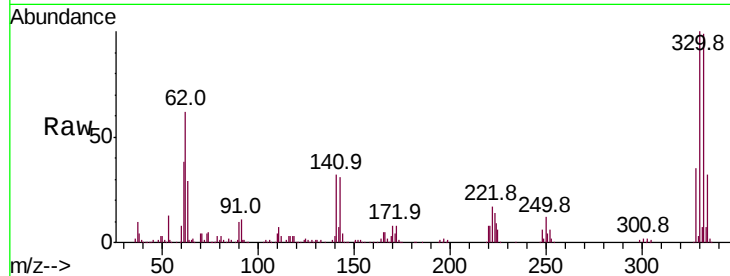




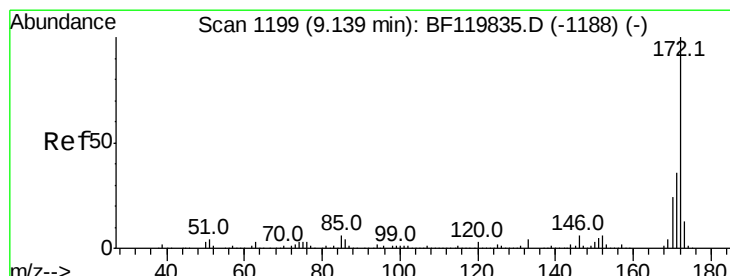
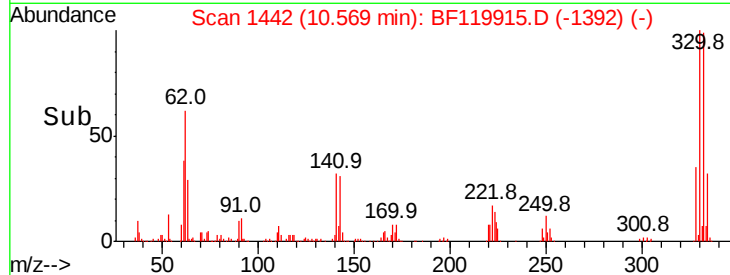
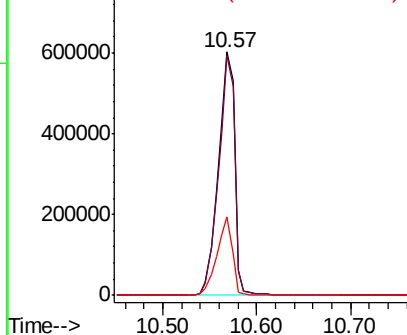
#42
 2,4,6-Tribromophenol
 Concen: 125.110 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119915.D
 Acq: 13 Apr 2020 14:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-37-36-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.8	115.2
141	30.5	25.1	37.7

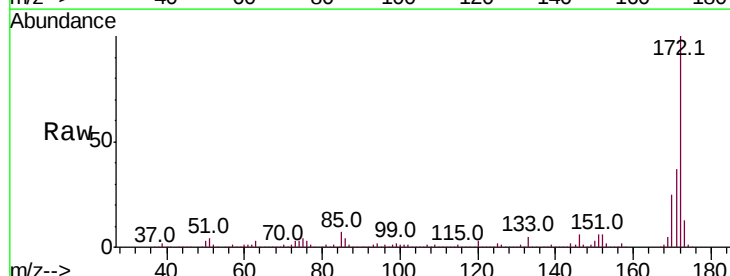


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

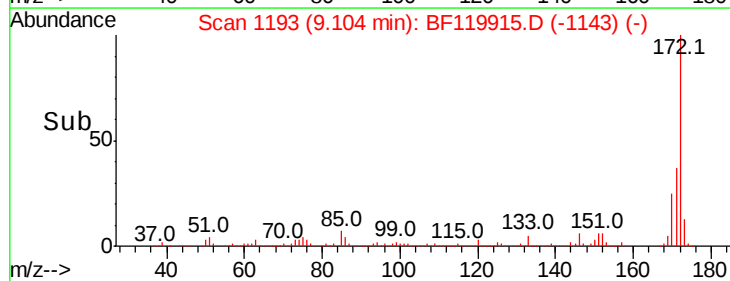
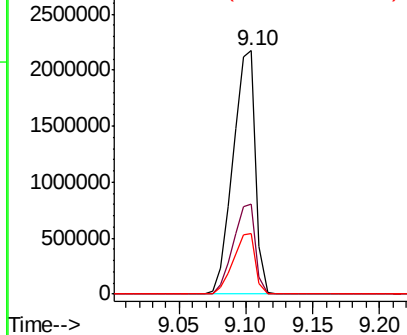


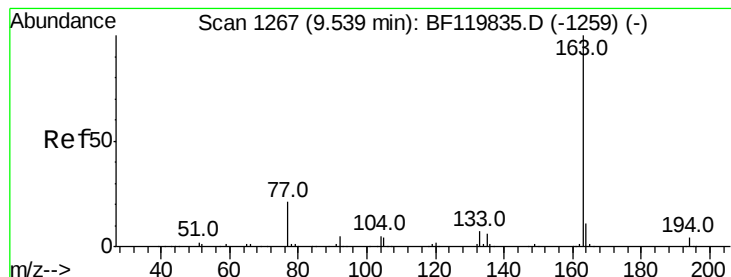
#45
 2-Fluorobiphenyl
 Concen: 75.797 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF119915.D
 Acq: 13 Apr 2020 14:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	24.7	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: 6.040 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119915.D

Acq: 13 Apr 2020 14:44

Instrument :

BNA_F

ClientSampleId :

TP-37-36-COMP

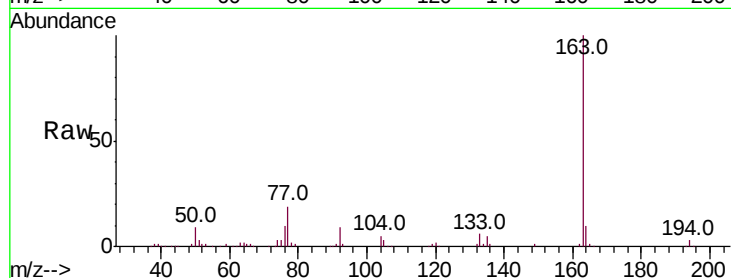
Tot Ion:163 Resp: 224607

Ion Ratio Lower Upper

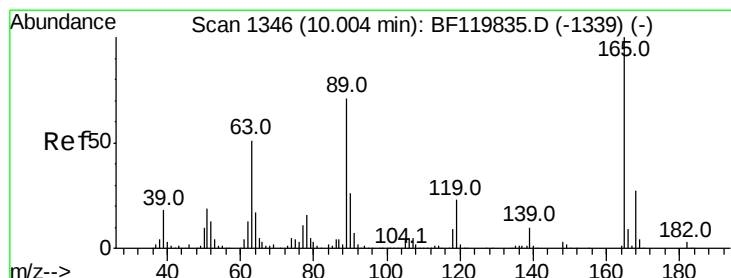
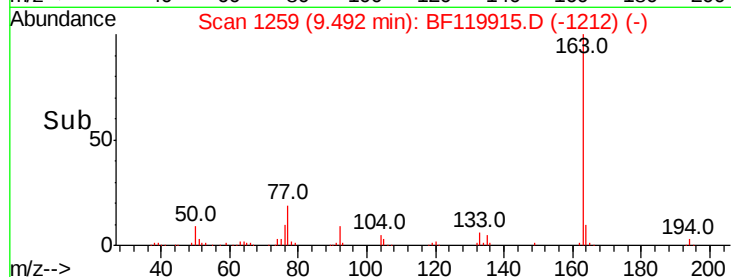
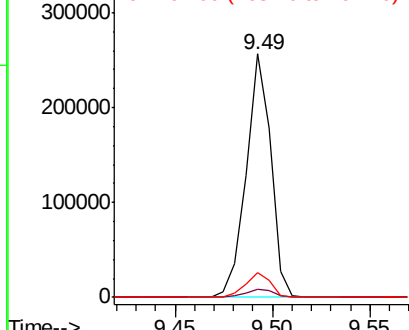
163 100

194 3.5 3.0 4.4

164 10.1 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: 5.950 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.20 min

Lab File: BF119915.D

Acq: 13 Apr 2020 14:44

Tgt Ion:165 Resp: 63841

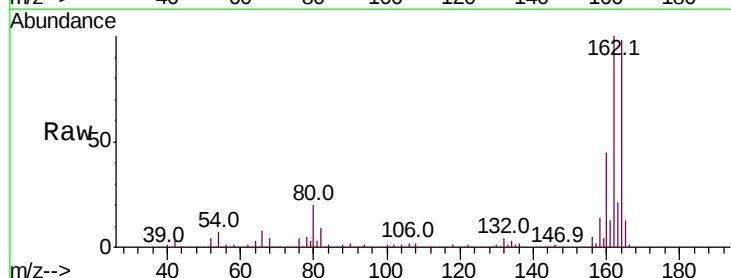
Ion Ratio Lower Upper

165 100

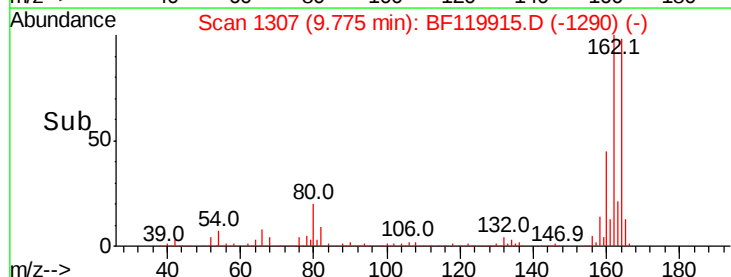
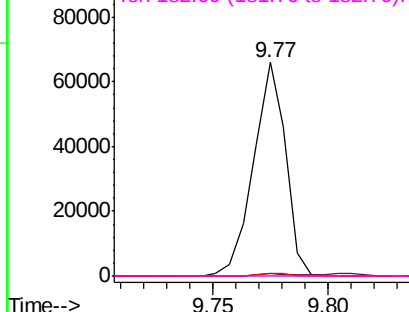
63 1.3 40.8 61.2#

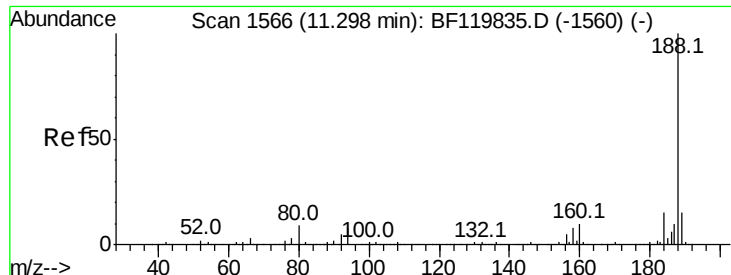
89 1.1 56.9 85.3#

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

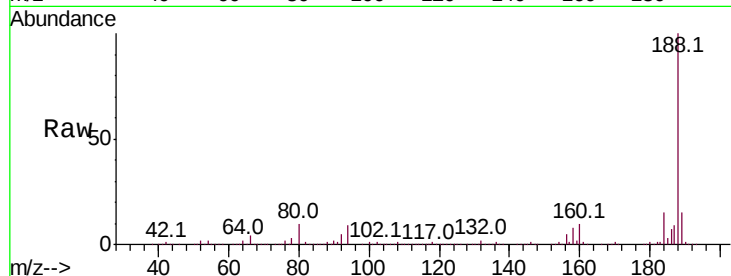




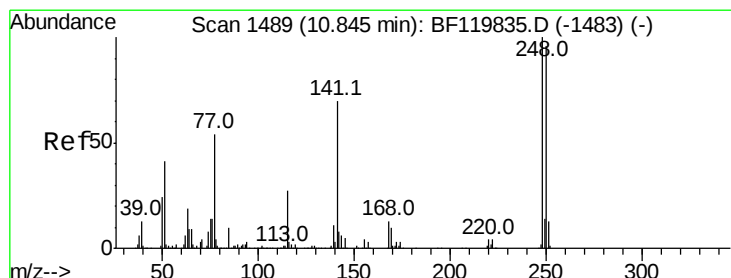
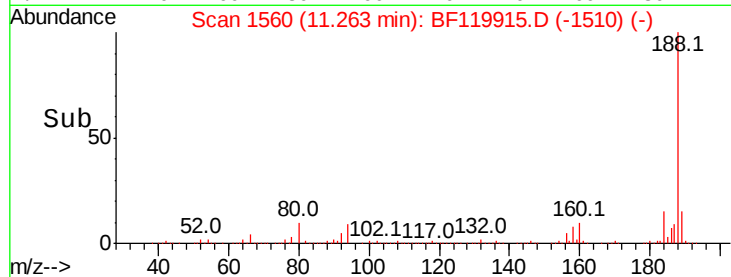
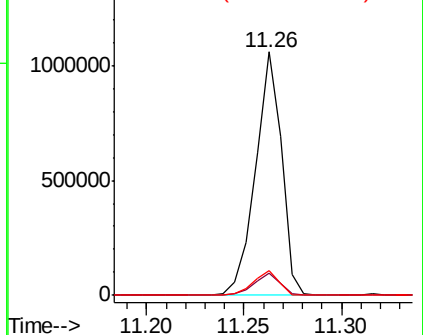
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF119915.D
 Acq: 13 Apr 2020 14:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-37-36-COMP

Tot Ion:188 Resp: 974763
 Ion Ratio Lower Upper
 188 100
 94 9.2 6.7 10.1
 80 10.2 7.4 11.2

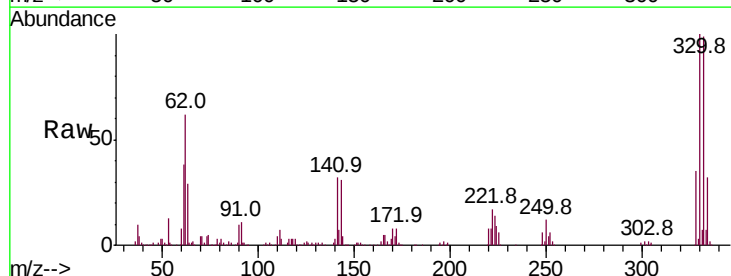


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

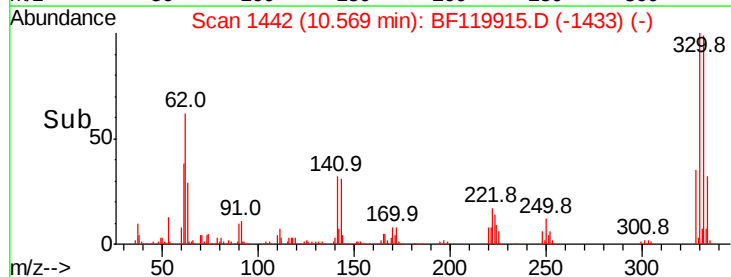
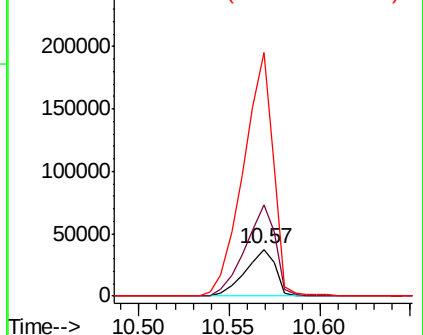


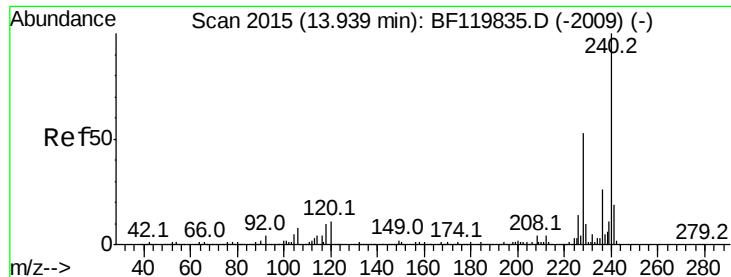
#67
 4-Bromophenyl-phenylether
 Concen: 3.577 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF119915.D
 Acq: 13 Apr 2020 14:44

Tgt Ion:248 Resp: 43364
 Ion Ratio Lower Upper
 248 100
 250 194.7 76.6 114.8#
 141 518.8 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# 2009

Delta R.T. -0.01 min

Lab File: BF119915.D

Acq: 13 Apr 2020 14:44

Instrument :

BNA_F

ClientSampleId :

TP-37-36-COMP

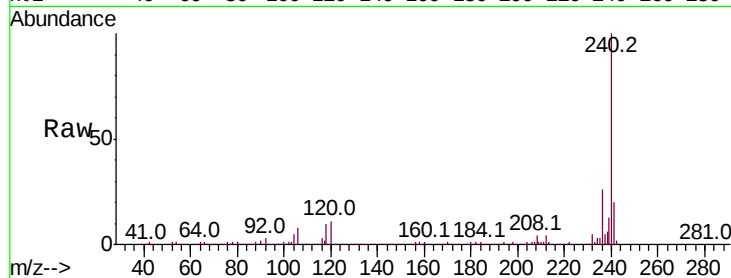
Tot Ion:240 Resp: 840349

Ion Ratio Lower Upper

240 100

120 11.2 9.0 13.6

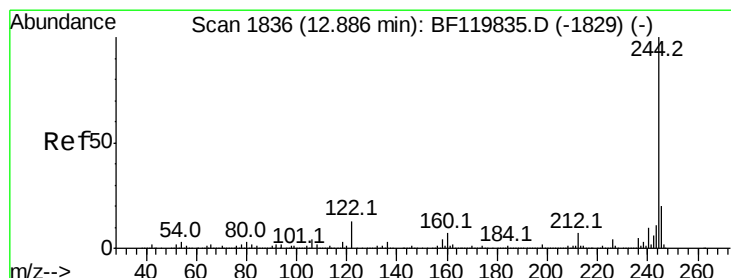
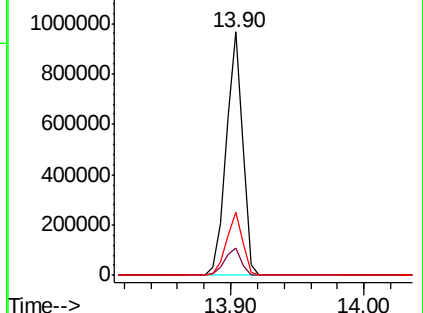
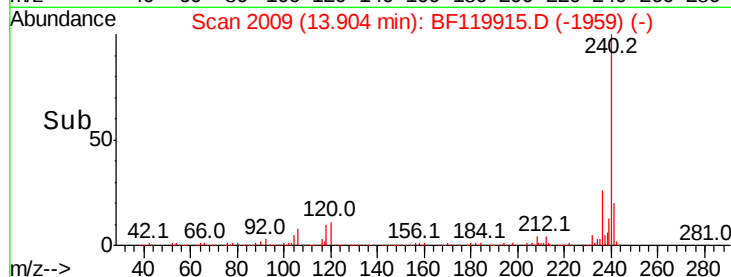
236 26.1 20.7 31.1



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: 67.078 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF119915.D

Acq: 13 Apr 2020 14:44

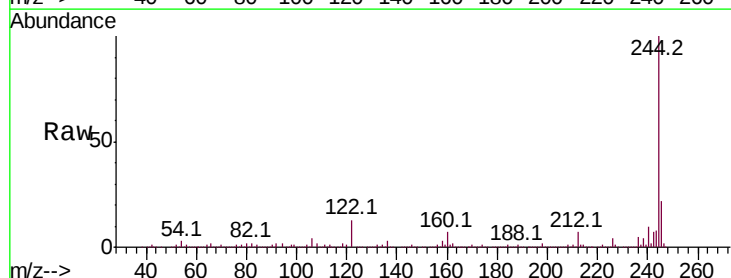
Tgt Ion:244 Resp: 3349995

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

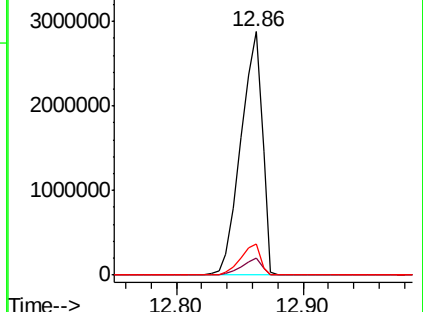
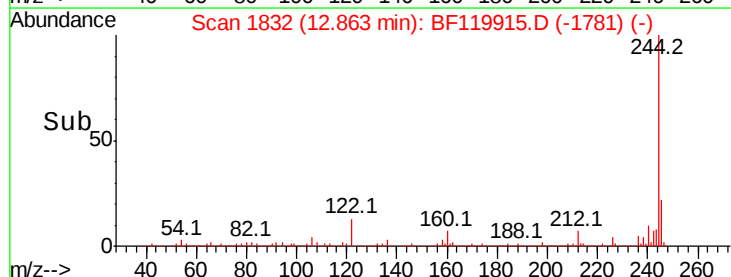
122 13.0 10.3 15.5

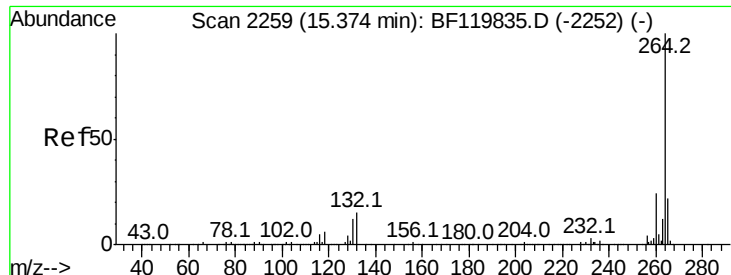


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BF119915.D
Acq: 13 Apr 2020 14:44

Instrument :
BNA_F
ClientSampleId :
TP-37-36-COMP

Tot Ion:264 Resp: 846948

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	22.6	17.6	26.4

