

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041320\
 Data File : BF119916.D
 Acq On : 13 Apr 2020 15:11
 Operator : MA/SJ
 Sample : L2215-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Apr 13 15:55:42 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

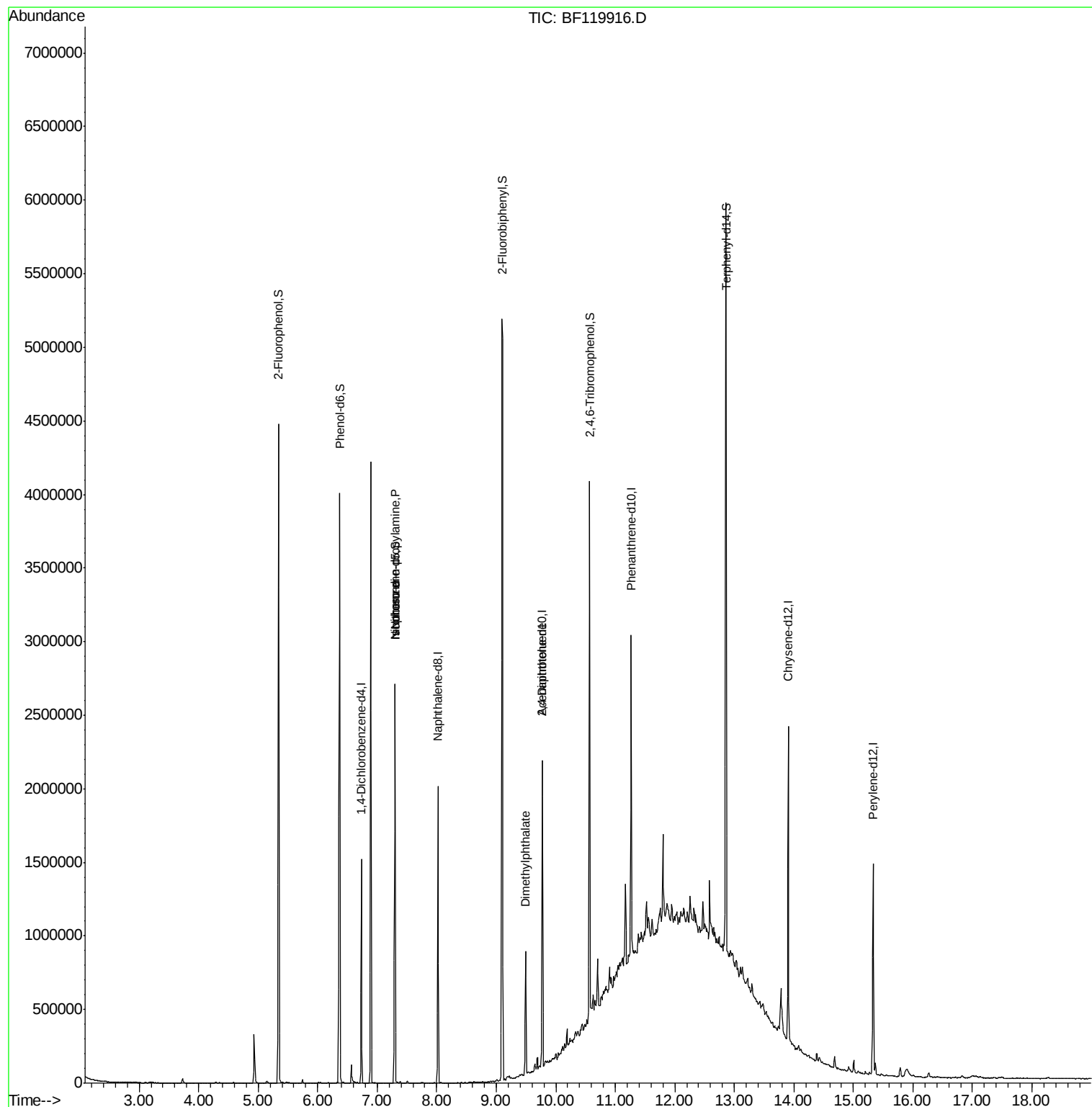
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	218675	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	851356	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	449479	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	844168	20.00	ng	0.00
76) Chrysene-d12	13.90	240	723899	20.00	ng	0.00
87) Perylene-d12	15.33	264	658928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1233964	97.52	ng	0.00
7) Phenol-d6	6.37	99	1579757	96.89	ng	-0.01
23) Nitrobenzene-d5	7.30	82	976704	59.35	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	471606	85.70	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1865815	58.94	ng	0.00
79) Terphenyl-d14	12.86	244	2165190	50.33	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	2434	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	128314	12.238 ng	#	1
25) Isophorone	7.30	82	972930	30.669 ng	#	71
50) Dimethylphthalate	9.49	163	321823	9.257 ng	#	65
57) 2,4-Dinitrotoluene	9.77	165	59377	5.920 ng	#	100
						23

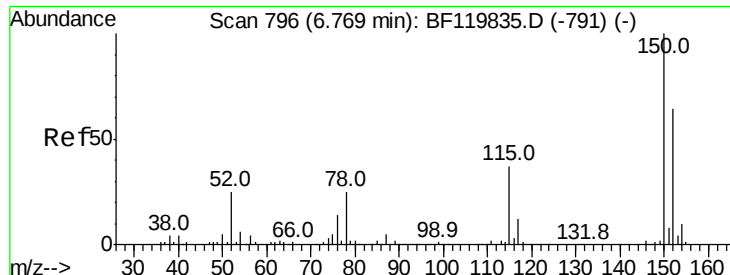
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 13 13:37:50 2020
Response via : Initial Calibration

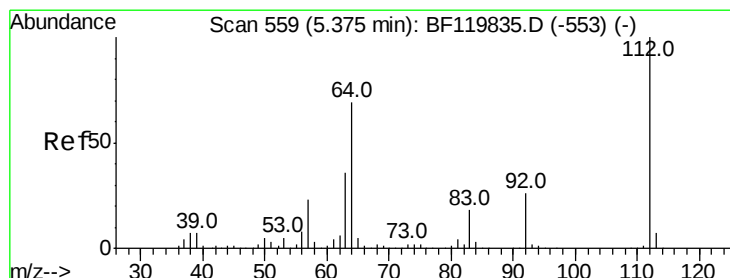
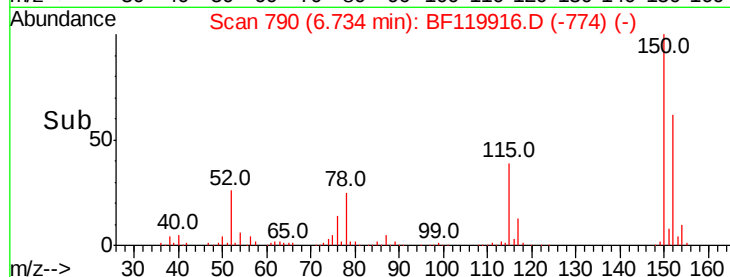
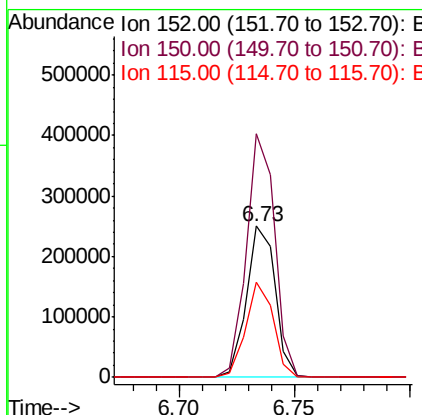
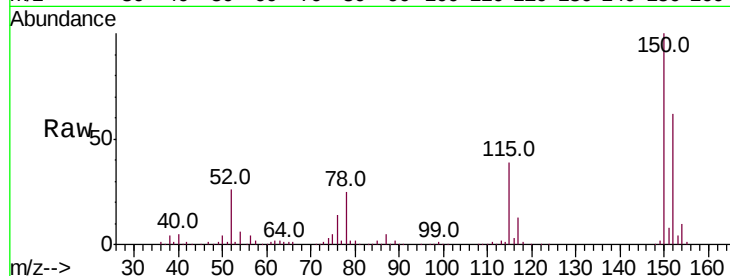




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119916.D
 Acq: 13 Apr 2020 15:11

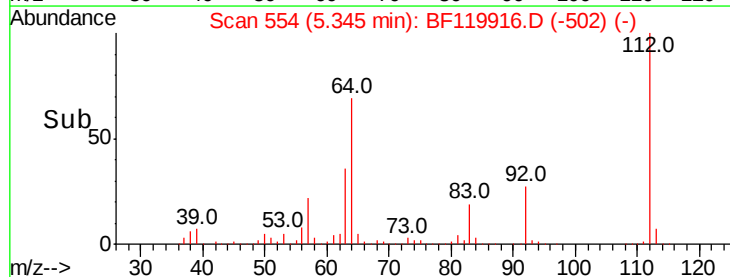
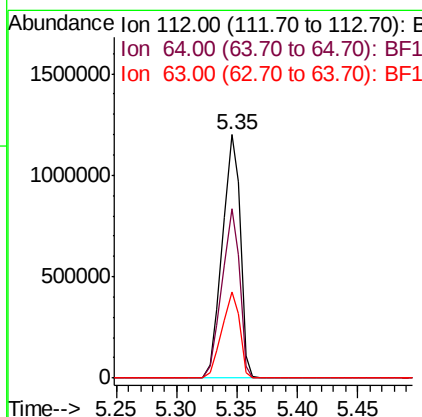
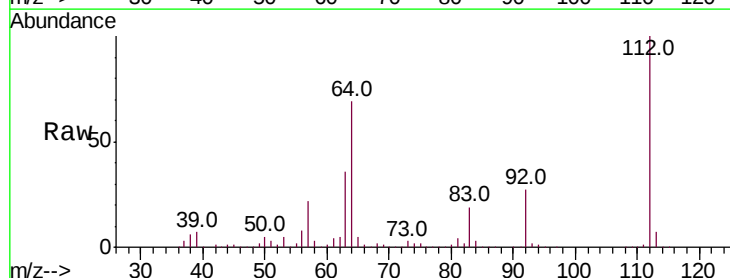
Instrument :
 BNA_F
 ClientSampleId :
 TP-5

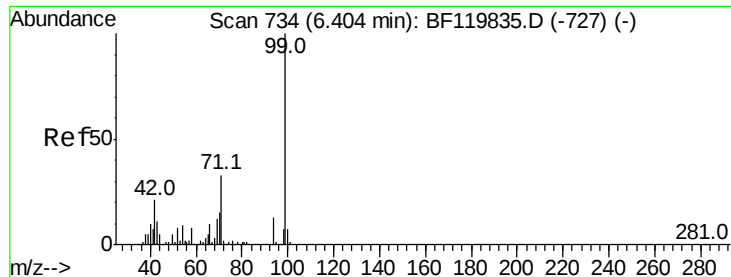
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.8	187.2
115	62.6	46.5	69.7



#5
 2-Fluorophenol
 Concen: 97.520 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.01 min
 Lab File: BF119916.D
 Acq: 13 Apr 2020 15:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	55.5	83.3
63	35.6	29.1	43.7





#7

Phenol-d6

Concen: 96.890 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119916.D

Acq: 13 Apr 2020 15:11

Instrument :

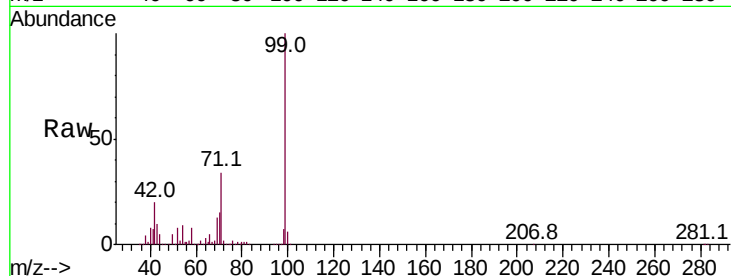
BNA_F

ClientSampleId :

TP-5

Tot Ion: 99 Resp: 1579757

Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.9	25.3
71	33.5	26.3	39.5

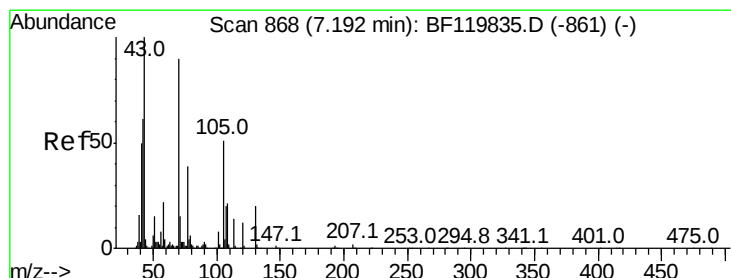
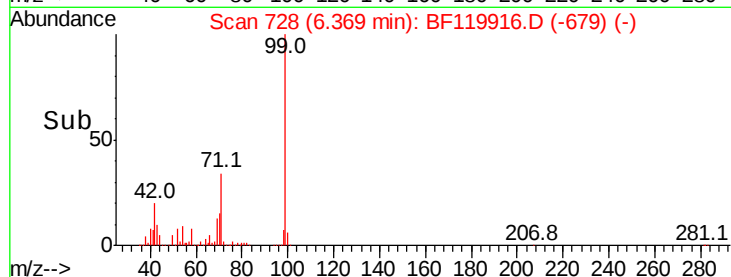
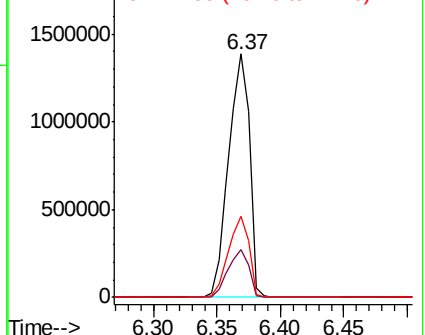


Abundance

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: 12.238 ng

RT: 7.30 min Scan# 887

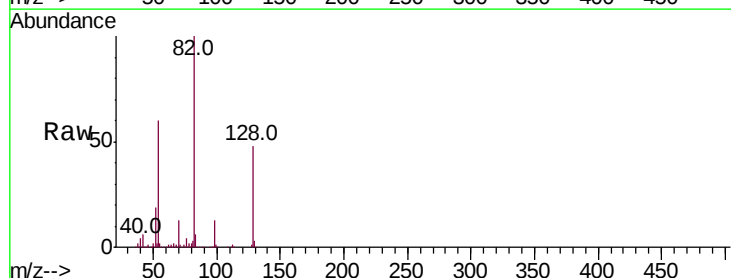
Delta R.T. 0.14 min

Lab File: BF119916.D

Acq: 13 Apr 2020 15:11

Tgt Ion: 70 Resp: 128314

Ion	Ratio	Lower	Upper
70	100		
42	47.8	54.2	81.4#
101	0.0	7.4	11.2#
130	2.5	17.8	26.6#



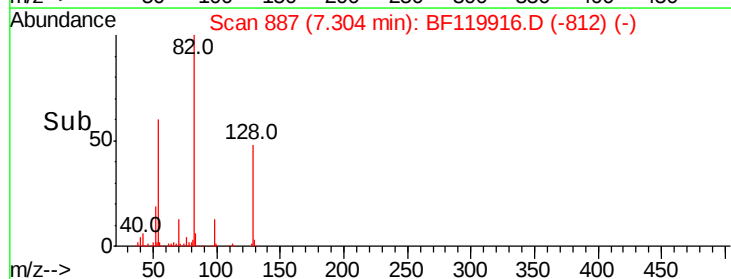
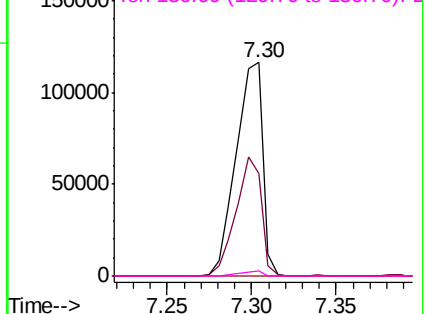
Abundance

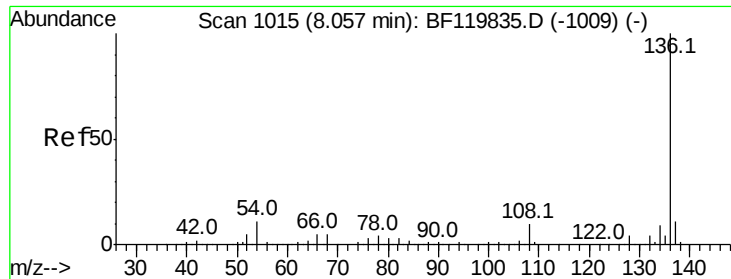
Ion 70.00 (69.70 to 70.70): BF1

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

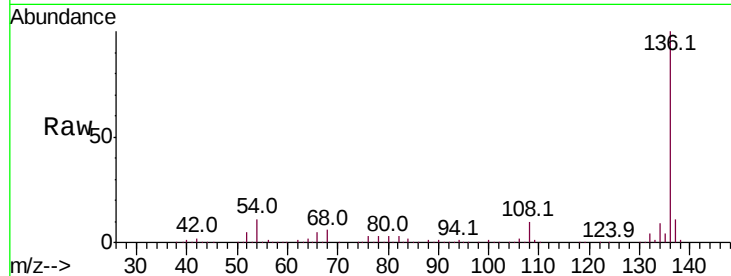




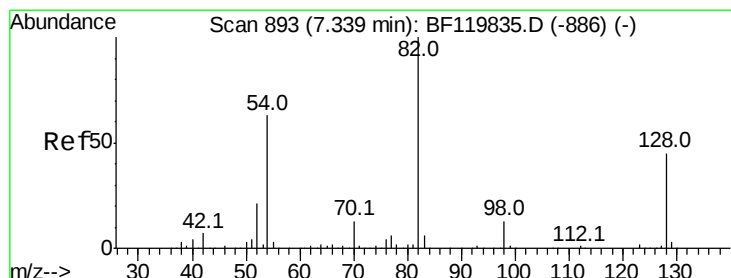
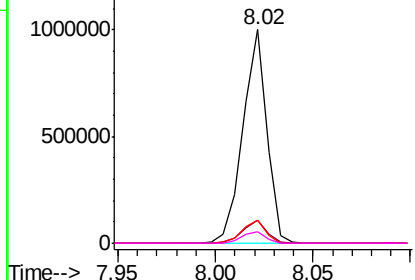
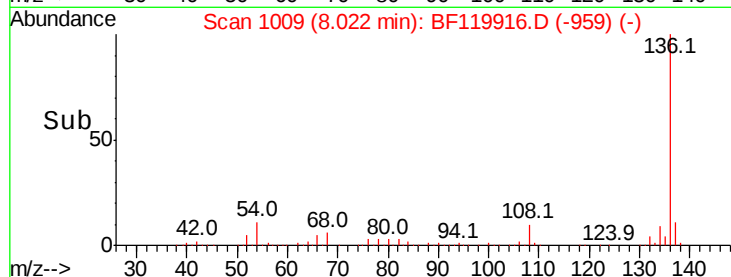
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119916.D
Acq: 13 Apr 2020 15:11

Instrument :
BNA_F
ClientSampleId :
TP-5

Tot Ion:136	Resp:	851356
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.7 13.1
54	10.7	8.5 12.7
68	5.5	3.9 5.9

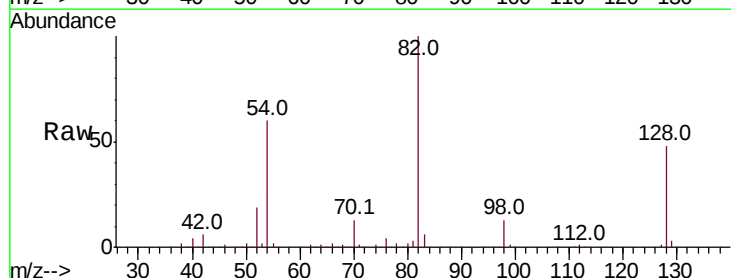


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

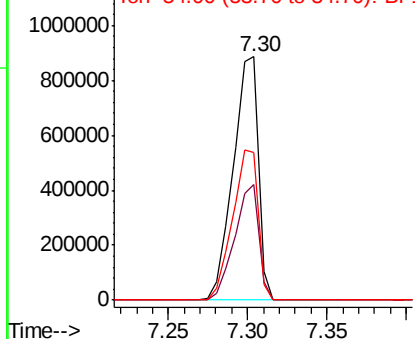
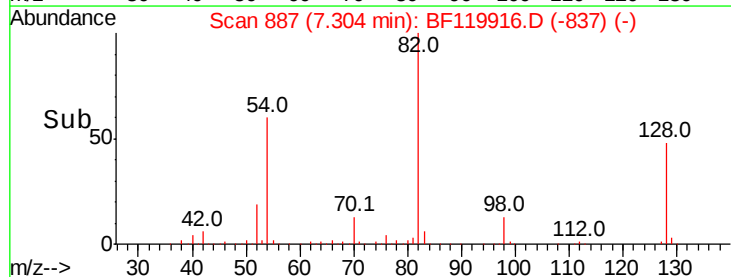


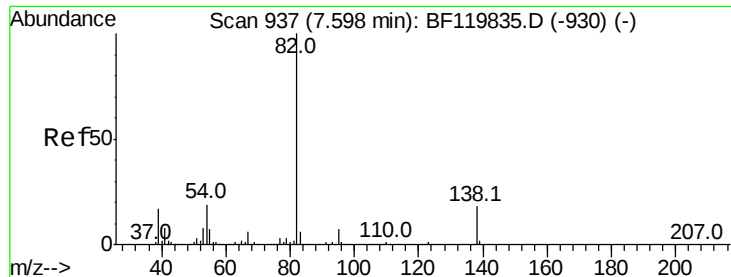
#23
Nitrobenzene-d5
Concen: 59.351 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF119916.D
Acq: 13 Apr 2020 15:11

Tgt Ion: 82	Resp:	976704
Ion Ratio	Lower	Upper
82	100	
128	47.7	36.2 54.4
54	60.5	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: 30.669 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.26 min

Lab File: BF119916.D

Acq: 13 Apr 2020 15:11

Instrument :

BNA_F

ClientSampleId :

TP-5

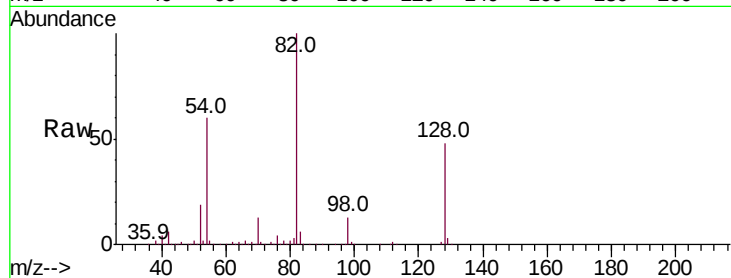
Tot Ion: 82 Resp: 972930

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

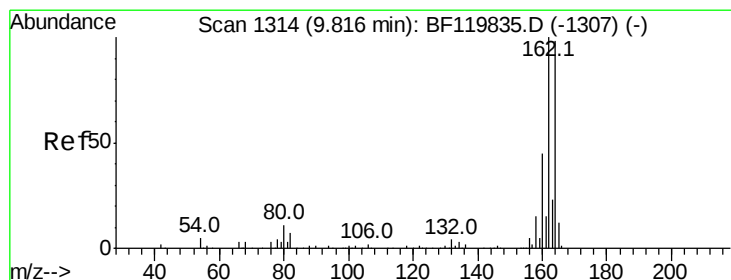
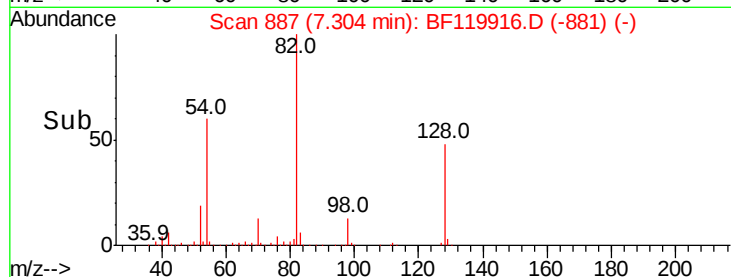
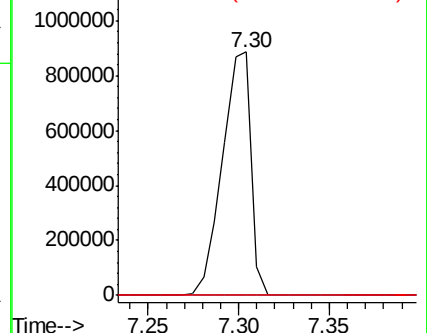
138 0.0 14.5 21.7#



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: BF119916.D

Acq: 13 Apr 2020 15:11

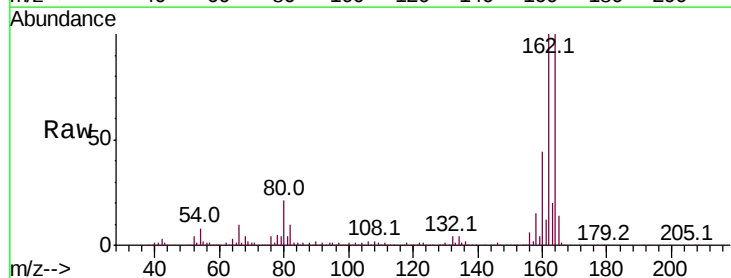
Tgt Ion:164 Resp: 449479

Ion Ratio Lower Upper

164 100

162 100.4 81.9 122.9

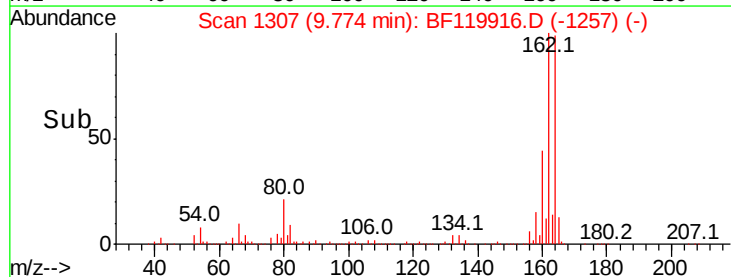
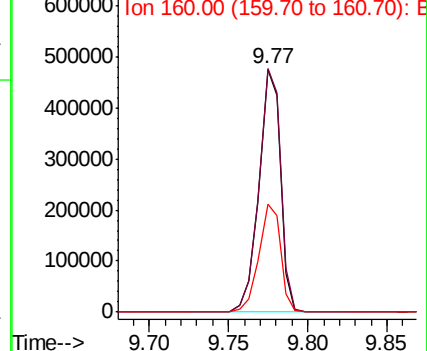
160 44.6 36.6 54.8

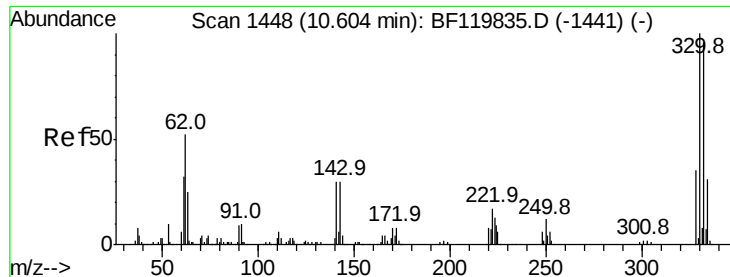


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

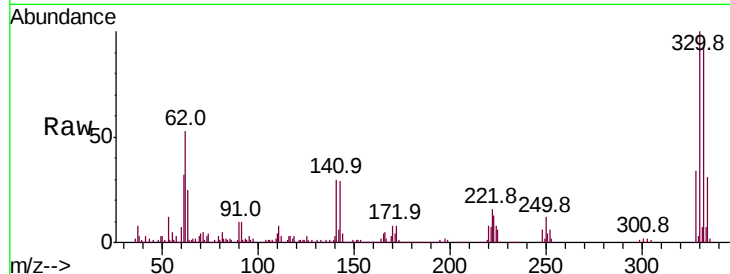




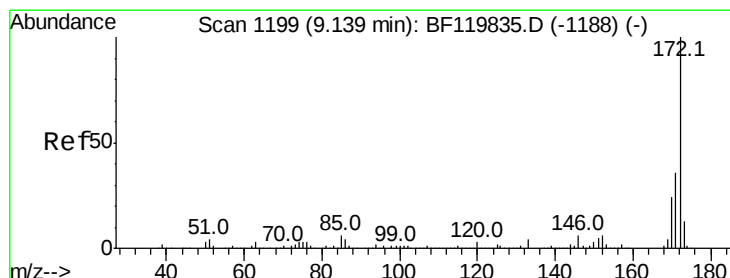
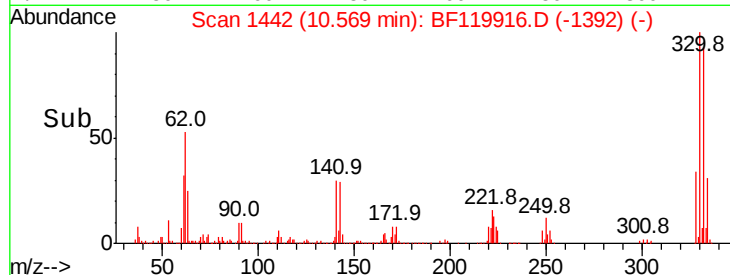
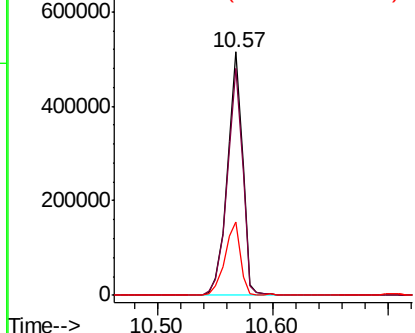
#42
 2,4,6-Tribromophenol
 Concen: 85.697 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119916.D
 Acq: 13 Apr 2020 15:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.8	115.2
141	30.9	25.1	37.7

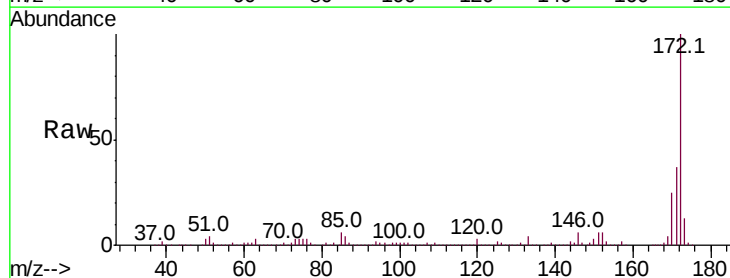


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

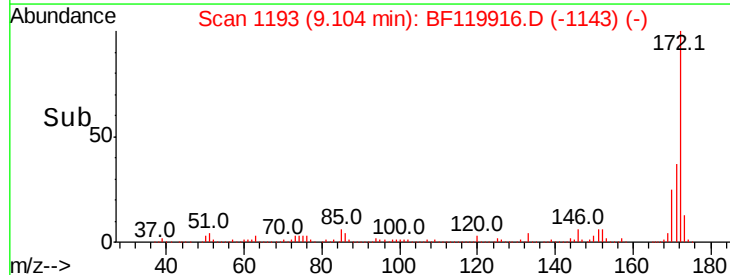
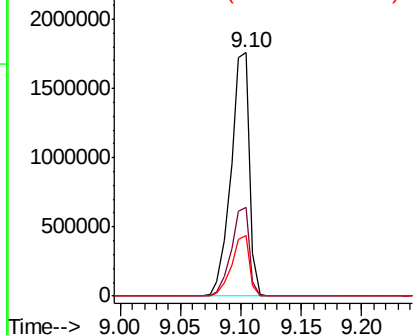


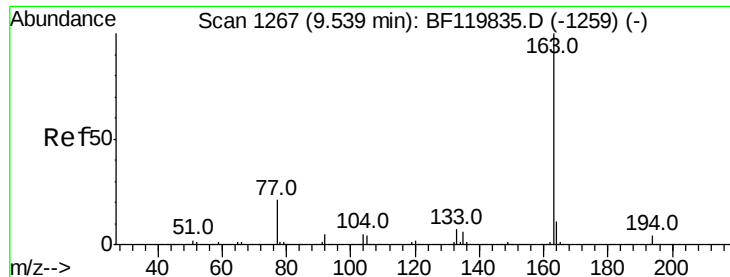
#45
 2-Fluorobiphenyl
 Concen: 58.936 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF119916.D
 Acq: 13 Apr 2020 15:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.8	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: 9.257 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119916.D

Acq: 13 Apr 2020 15:11

Instrument :

BNA_F

ClientSampleId :

TP-5

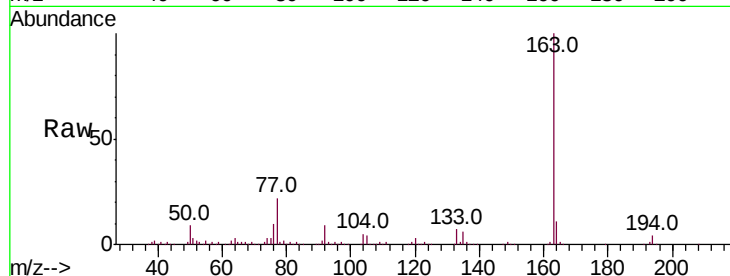
Tot Ion:163 Resp: 321823

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

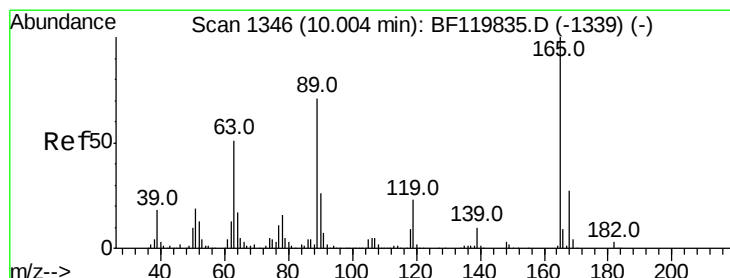
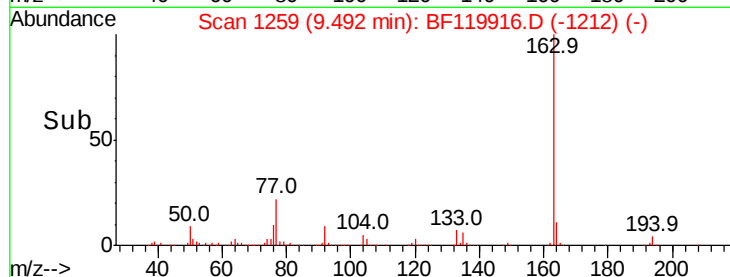
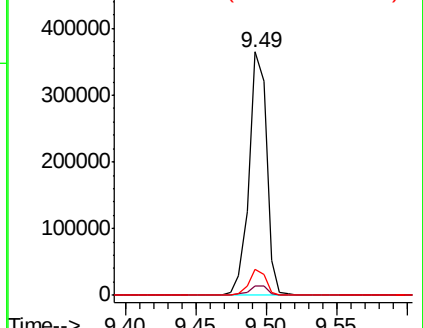
164 10.6 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 5.920 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.20 min

Lab File: BF119916.D

Acq: 13 Apr 2020 15:11

Tgt Ion:165 Resp: 59377

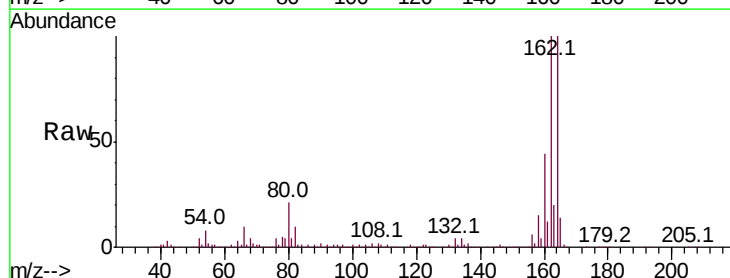
Ion Ratio Lower Upper

165 100

63 1.4 40.8 61.2#

89 1.6 56.9 85.3#

182 0.0 2.0 3.0#

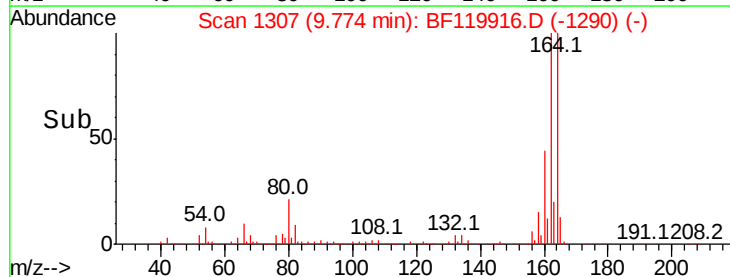
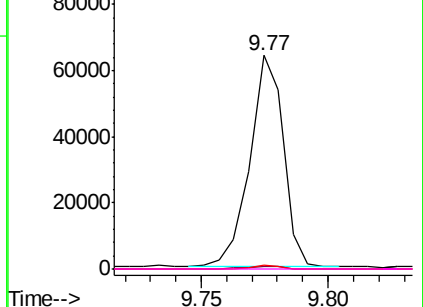


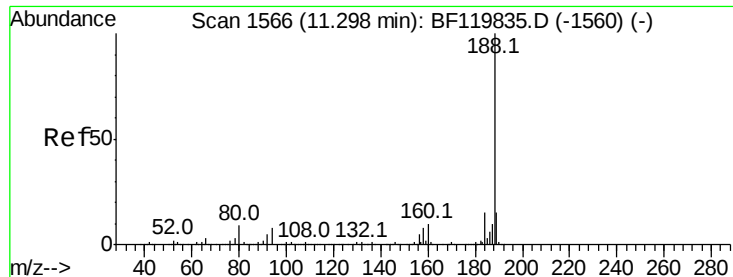
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF119916.D

Acq: 13 Apr 2020 15:11

Instrument :

BNA_F

ClientSampleId :

TP-5

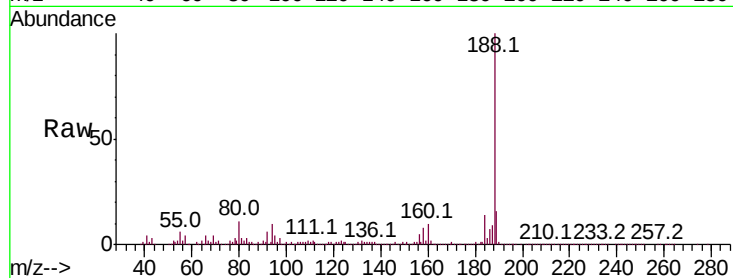
Tot Ion:188 Resp: 844168

Ion Ratio Lower Upper

188 100

94 10.0 6.7 10.1

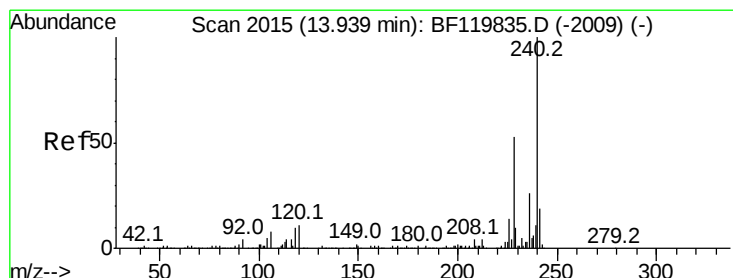
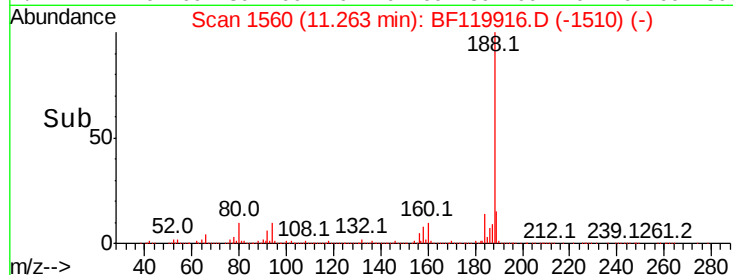
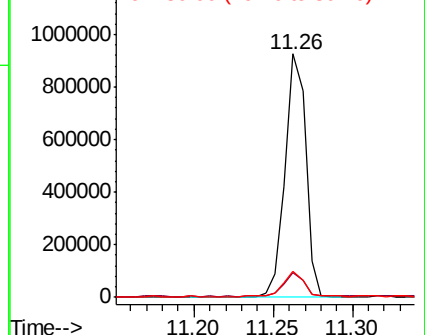
80 10.7 7.4 11.2



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF119916.D

Acq: 13 Apr 2020 15:11

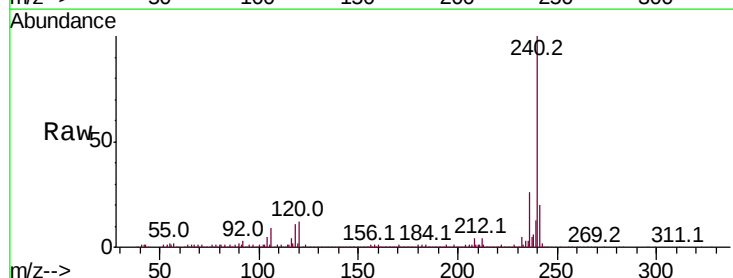
Tgt Ion:240 Resp: 723899

Ion Ratio Lower Upper

240 100

120 11.9 9.0 13.6

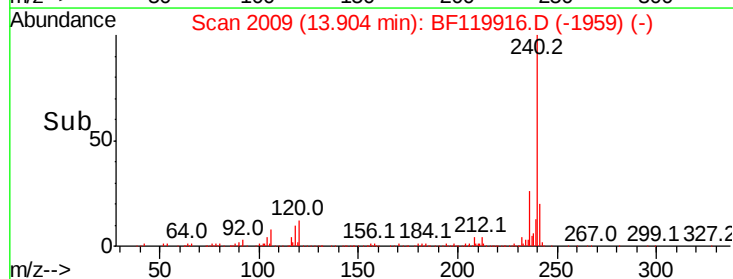
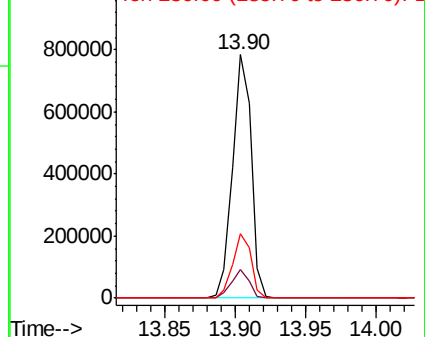
236 26.3 20.7 31.1

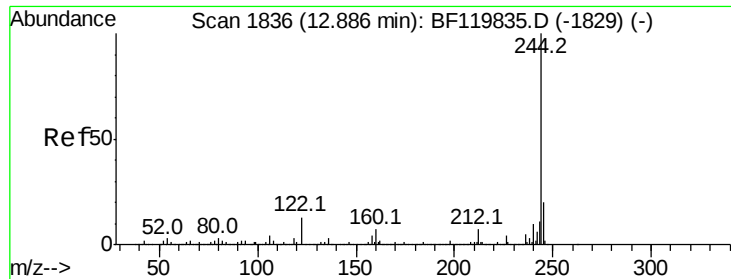


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

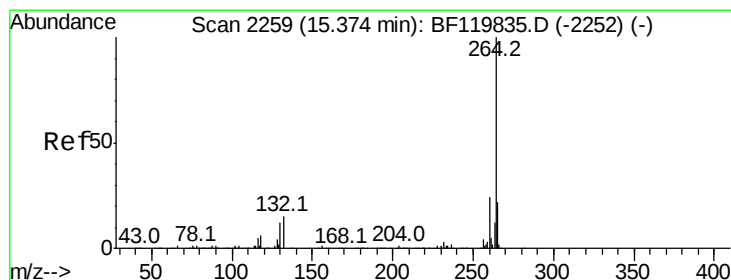
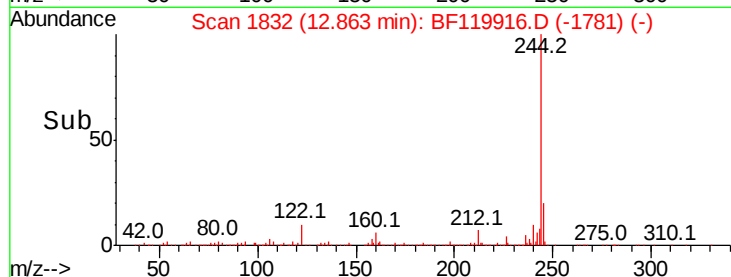
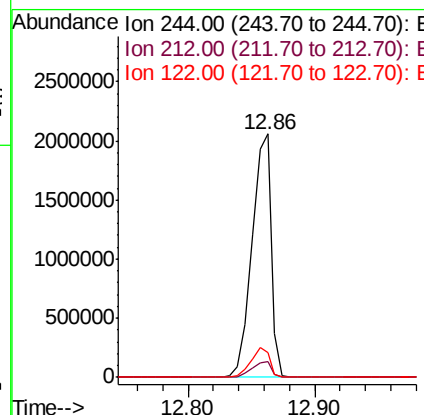
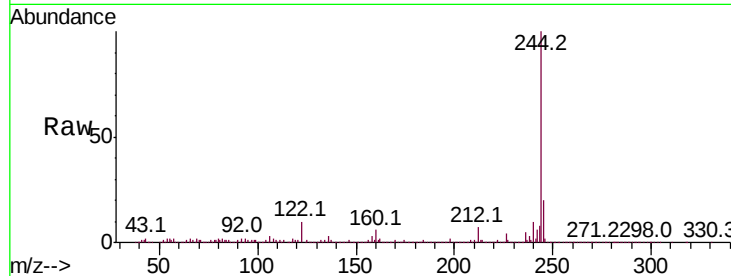




#79
 Terphenyl-d14
 Concen: 50.328 ng
 RT: 12.86 min Scan# 1832
 Delta R.T. -0.00 min
 Lab File: BF119916.D
 Acq: 13 Apr 2020 15:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tot Ion:244 Resp: 2165190
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.4 10.3 15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: BF119916.D
 Acq: 13 Apr 2020 15:11

Tgt Ion:264 Resp: 658928
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.3 28.9
 265 21.8 17.6 26.4

