

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109098.D
 Acq On : 18 Sep 2018 16:26
 Operator : JU/SJ
 Sample : J4936-39
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 17:58:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

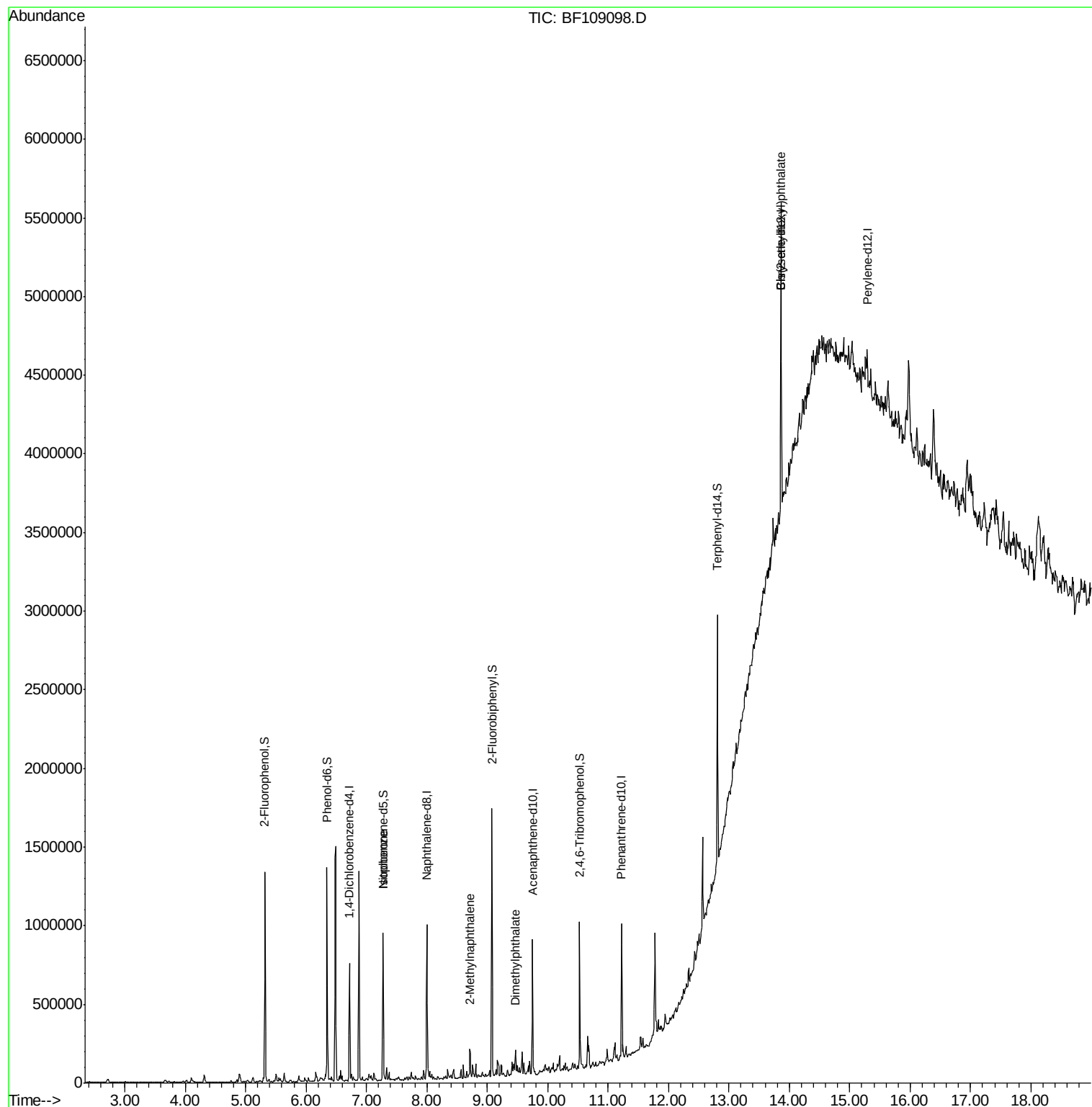
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	101423	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	341257	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	148613	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	304555	20.00	ng	0.00
75) Chrysene-d12	13.87	240	228777	20.00	ng	0.00
86) Perylene-d12	15.29	264	154791	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	391891	64.18	ng	0.00
7) Phenol-d6	6.35	99	477154	60.60	ng	0.00
23) Nitrobenzene-d5	7.28	82	265801	43.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	103961	64.46	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	468365	49.38	ng	0.00
78) Terphenyl-d14	12.81	244	526324	54.53	ng	0.00
Target Compounds						
25) Isophorone	7.28	82	262122	25.063	ng	Qvalue # 64
37) 2-Methylnaphthalene	8.71	142	23972	2.322	ng	99
49) Dimethylphthalate	9.47	163	48296	4.547	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	482350	52.487	ng	100

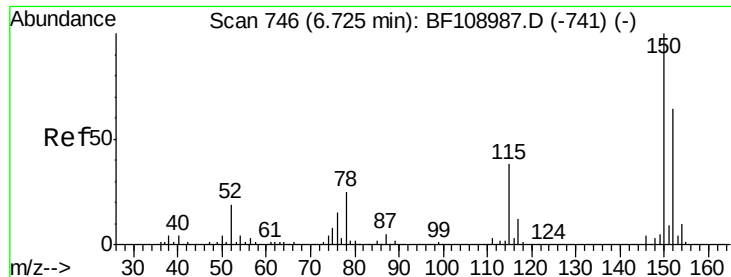
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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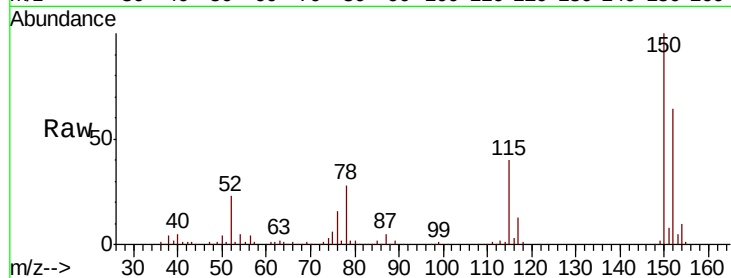


#1

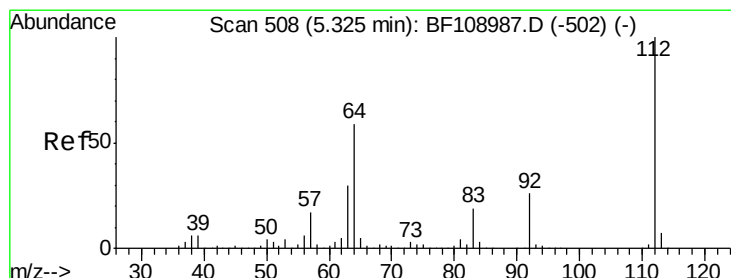
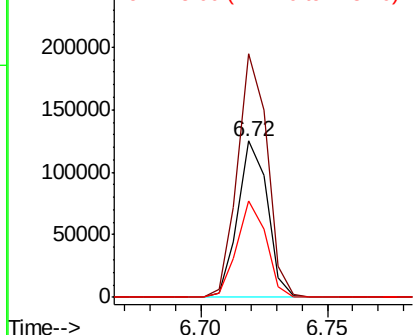
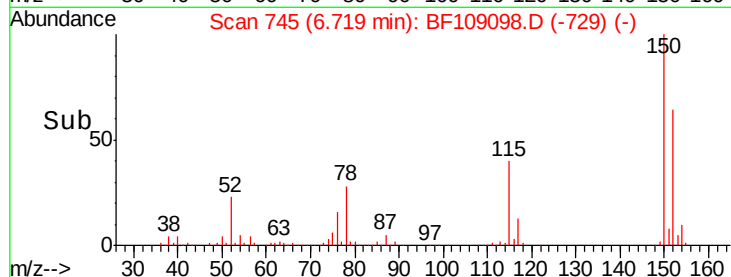
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109098.D
Acq: 18 Sep 2018 16:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 101423
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 62.1 50.1 75.1



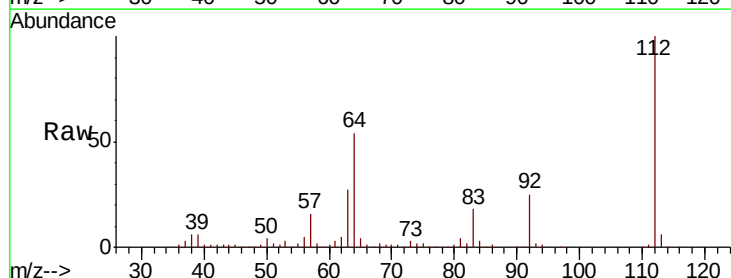
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



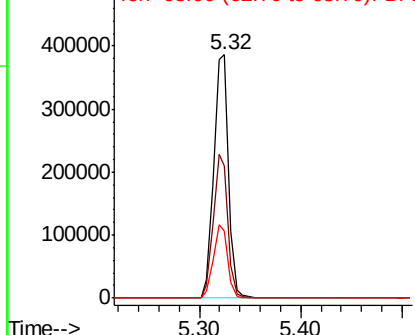
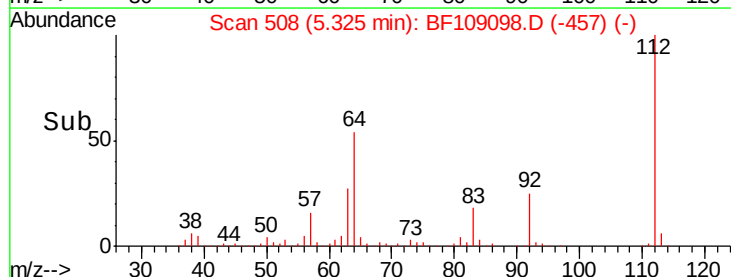
#5

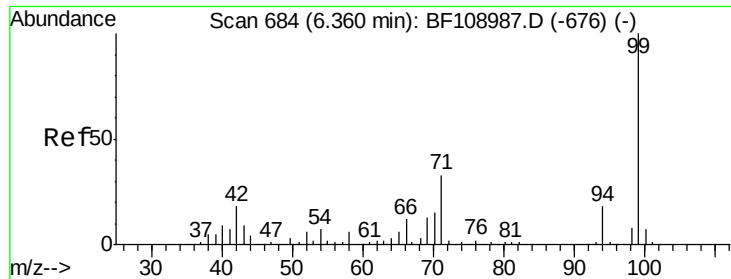
2-Fluorophenol
Concen: 64.175 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109098.D
Acq: 18 Sep 2018 16:26

Tgt Ion:112 Resp: 391891
Ion Ratio Lower Upper
112 100
64 54.1 47.9 71.9
63 27.4 23.7 35.5



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: 60.598 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109098.D

Acq: 18 Sep 2018 16:26

Instrument :

BNA_F

ClientSampleId :

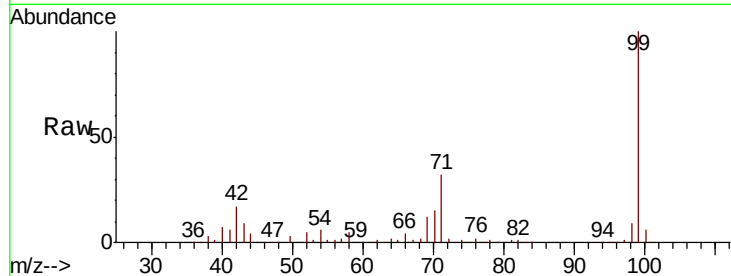
Tot Ion: 99 Resp: 477154

Ion Ratio Lower Upper

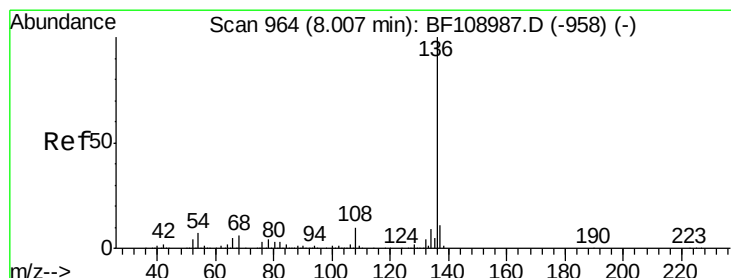
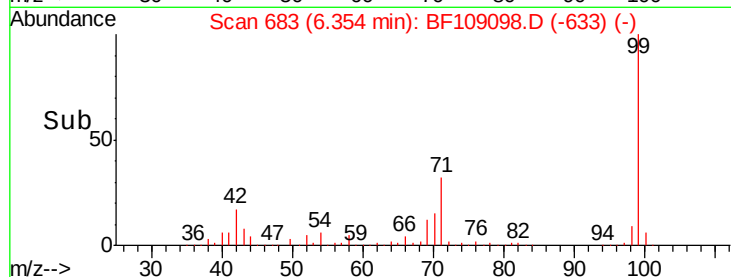
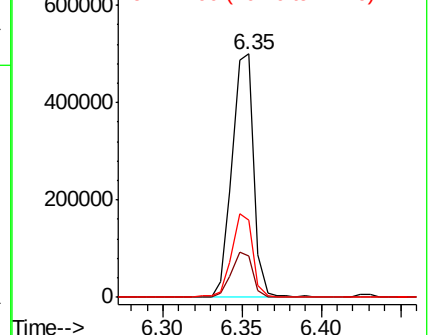
99 100

42 17.2 14.5 21.7

71 31.9 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109098.D

Acq: 18 Sep 2018 16:26

Tgt Ion: 136 Resp: 341257

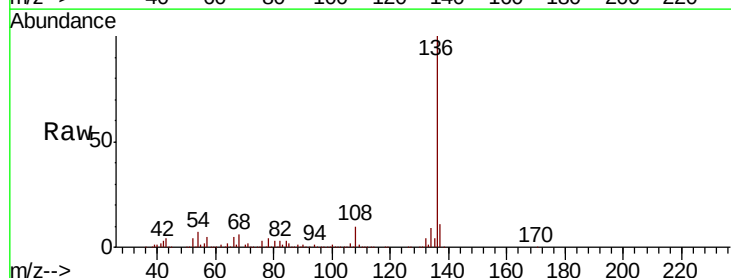
Ion Ratio Lower Upper

136 100

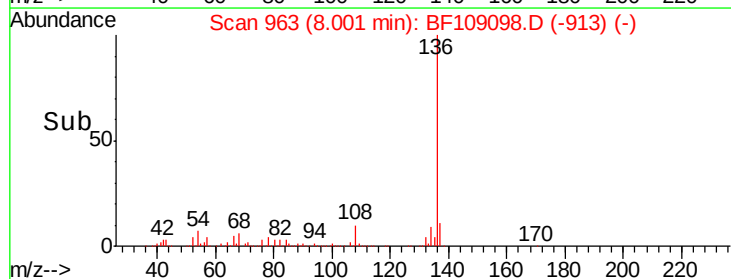
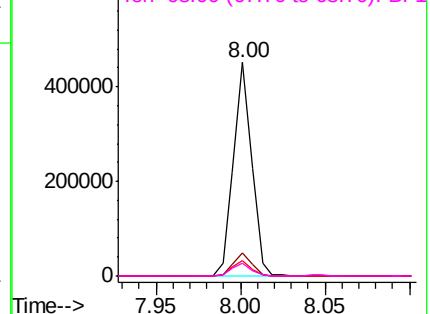
137 11.0 8.9 13.3

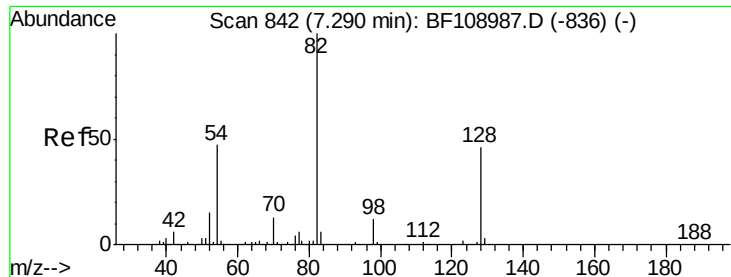
54 7.4 6.6 9.8

68 6.1 5.0 7.4



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

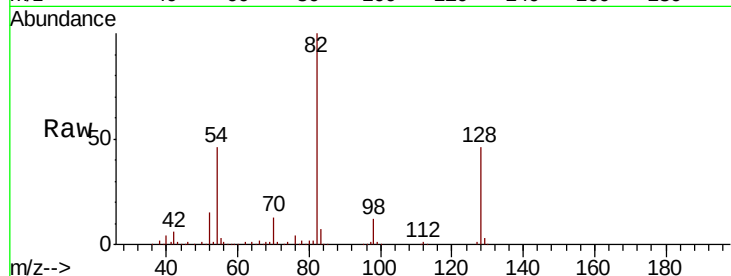




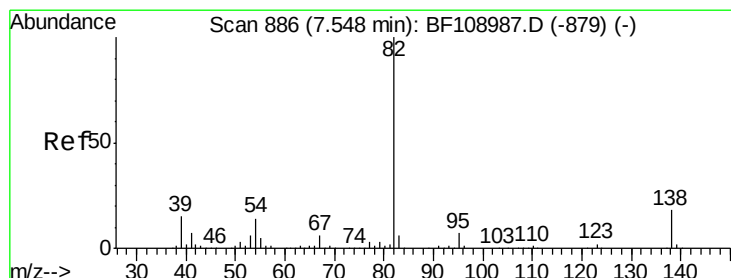
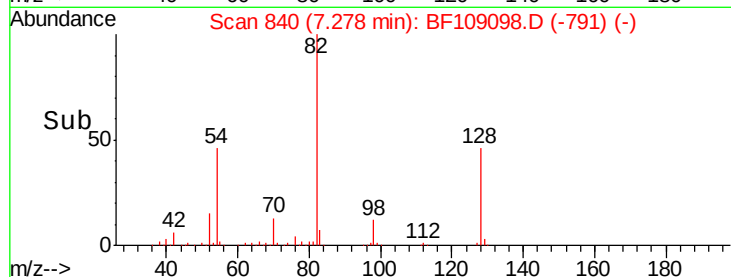
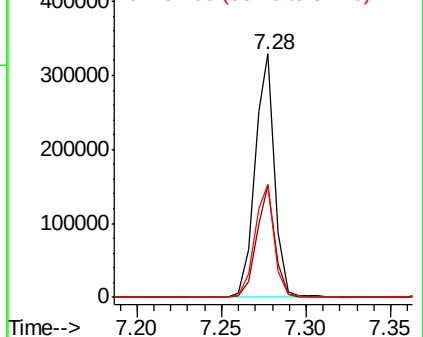
#23
Nitrobenzene-d5
Concen: 43.686 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109098.D
Acq: 18 Sep 2018 16:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 265801
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 46.2 41.4 62.2

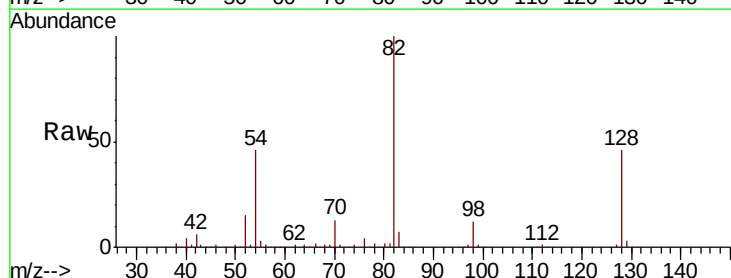


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

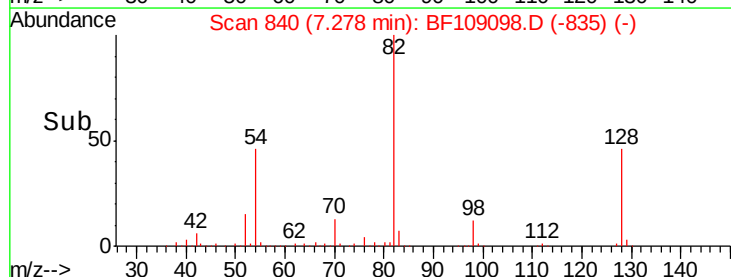
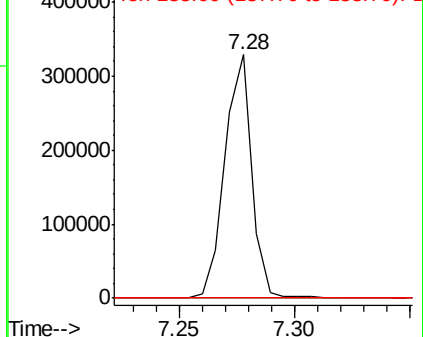


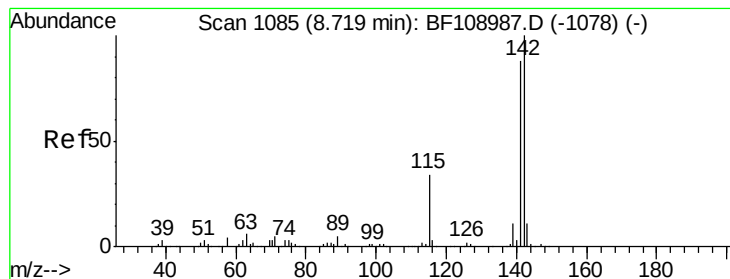
#25
Isophorone
Concen: 25.063 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.27 min
Lab File: BF109098.D
Acq: 18 Sep 2018 16:26

Tgt Ion: 82 Resp: 262122
Ion Ratio Lower Upper
82 100
95 0.2 5.2 7.8#
138 0.0 14.9 22.3#



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





#37

2-Methylnaphthalene

Concen: 2.322 ng

RT: 8.71 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF109098.D

Acq: 18 Sep 2018 16:26

Instrument :

BNA_F

ClientSampleId :

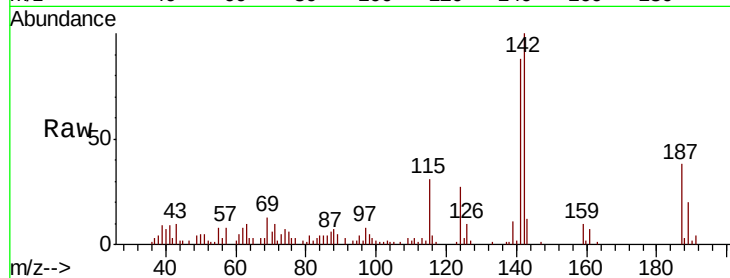
Tot Ion:142 Resp: 23972

Ion Ratio Lower Upper

142 100

141 88.1 70.8 106.2

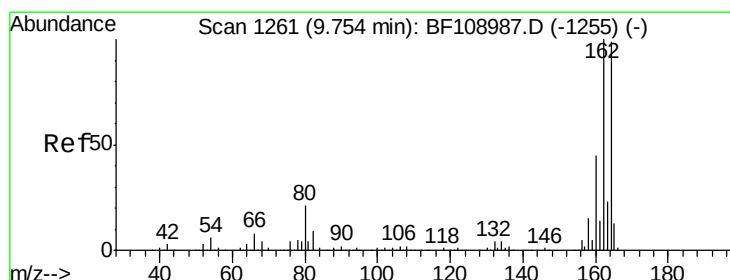
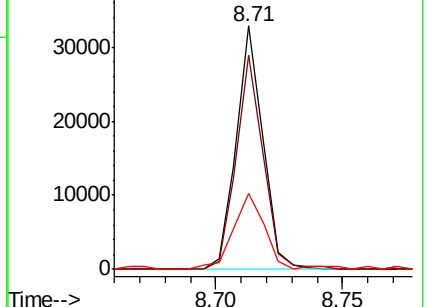
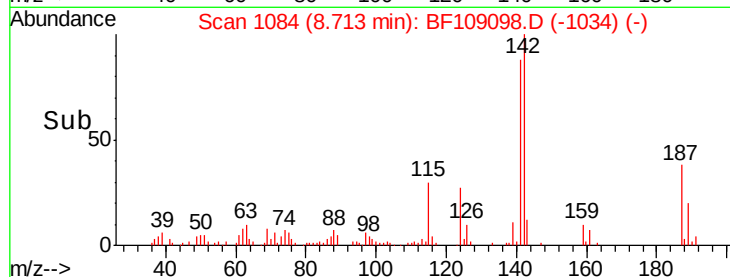
115 31.0 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF109098.D

Acq: 18 Sep 2018 16:26

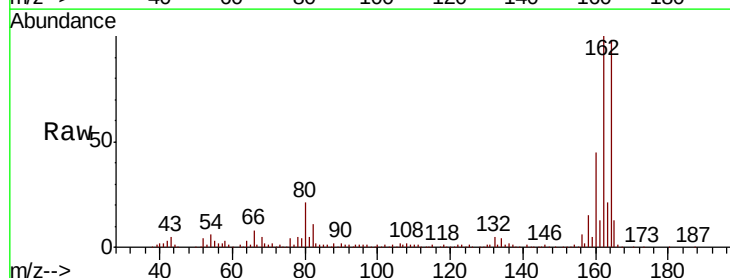
Tgt Ion:164 Resp: 148613

Ion Ratio Lower Upper

164 100

162 101.7 86.1 129.1

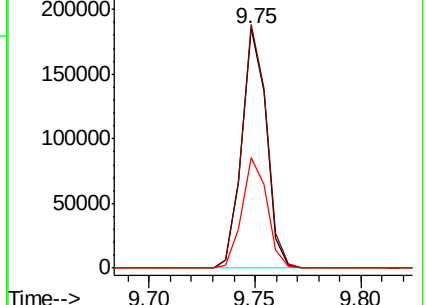
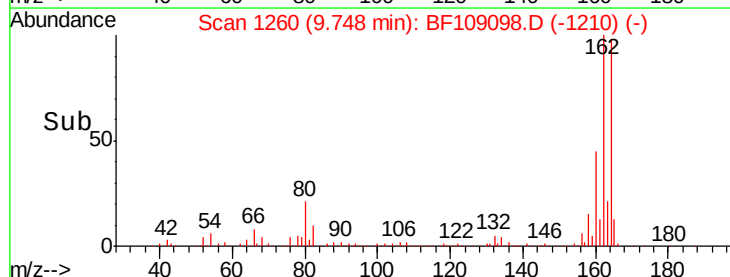
160 46.0 38.3 57.5

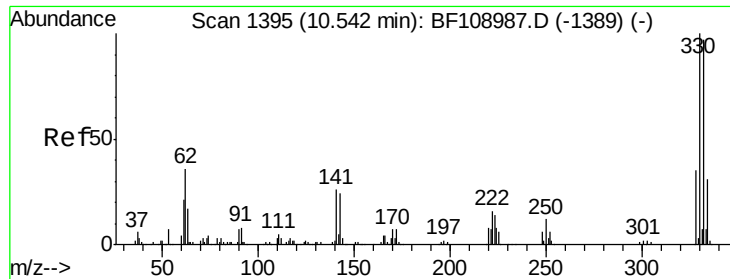


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

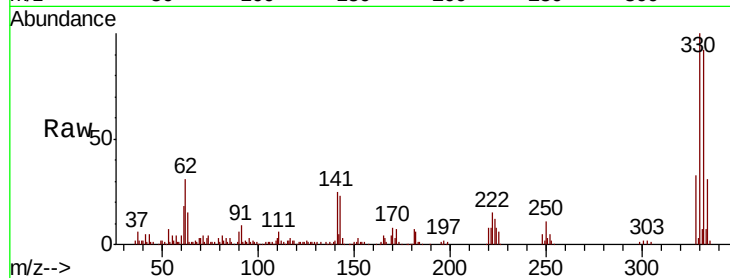




#41
 2,4,6-Tribromophenol
 Concen: 64.458 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109098.D
 Acq: 18 Sep 2018 16:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.0	115.6
141	33.2	29.9	44.9

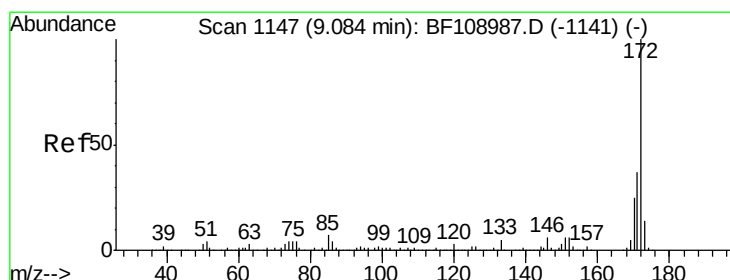
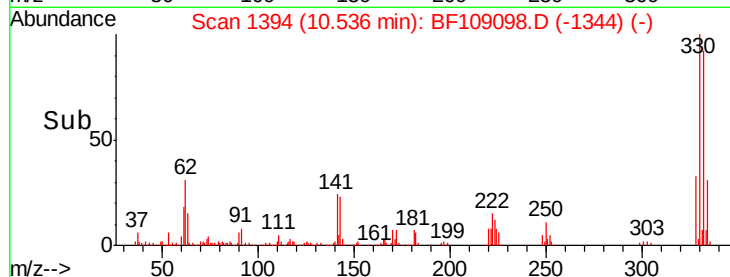
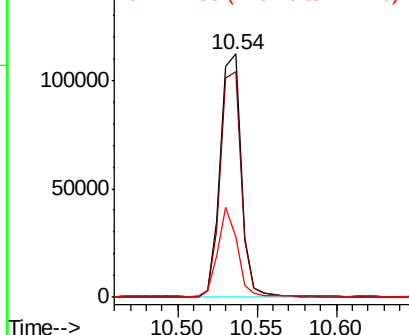


Abundance

Ion 329.80 (329.50 to 330.50): E

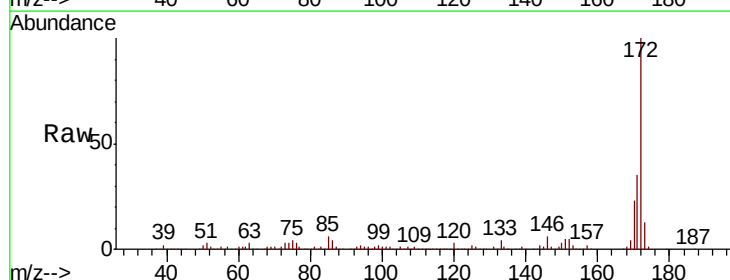
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 49.377 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109098.D
 Acq: 18 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	23.2	19.6	29.4

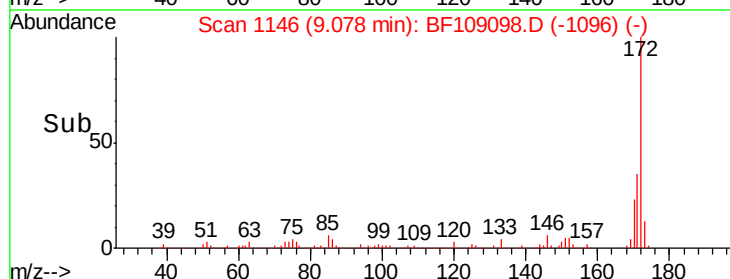
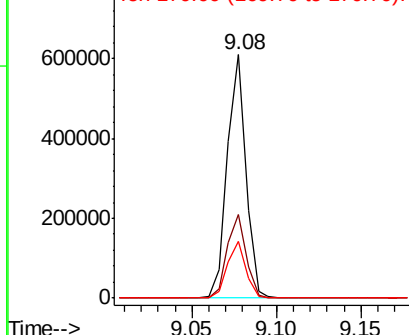


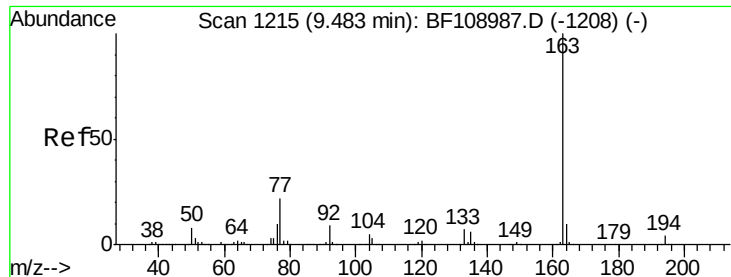
Abundance

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

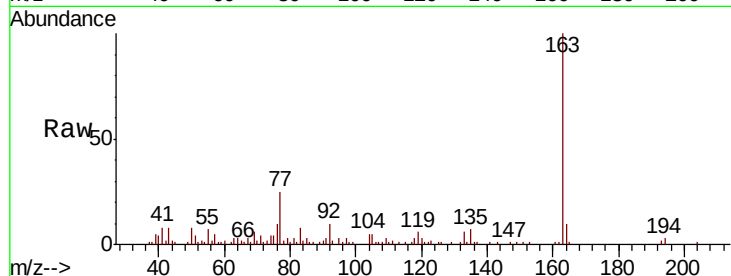




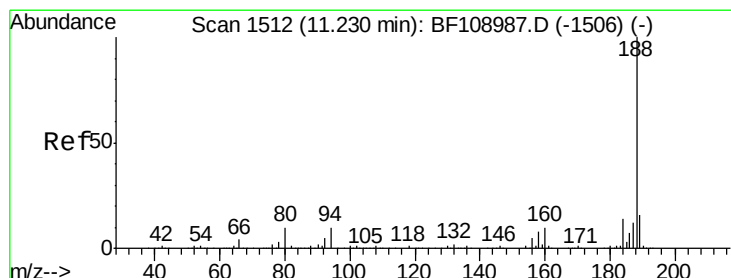
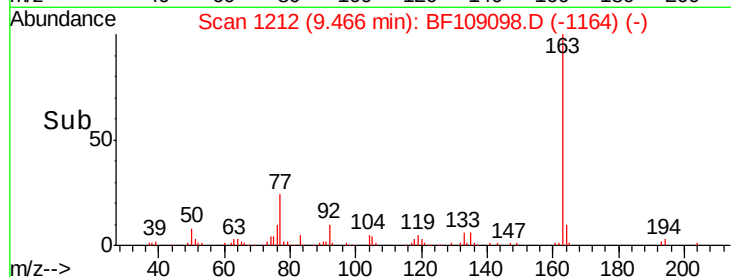
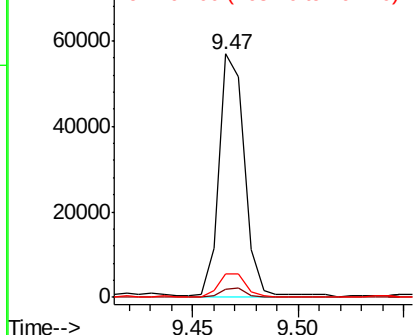
#49
Dimethylphthalate
Concen: 4.547 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109098.D
Acq: 18 Sep 2018 16:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 48296
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.8 8.2 12.2

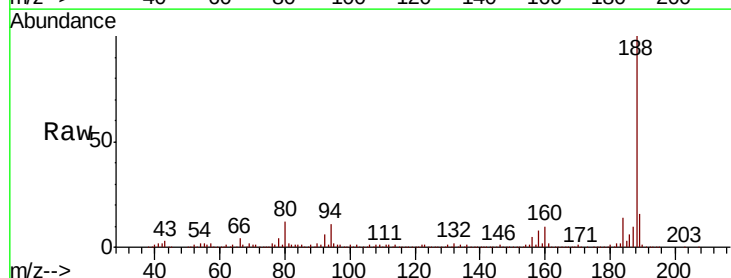


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

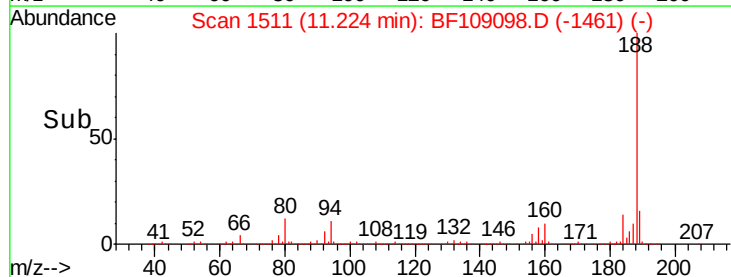
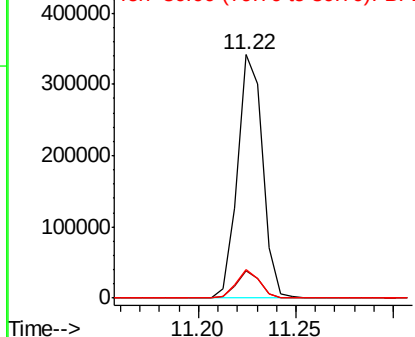


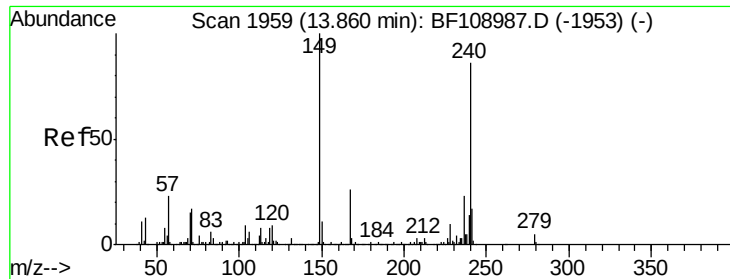
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109098.D
Acq: 18 Sep 2018 16:26

Tgt Ion:188 Resp: 304555
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.8 9.2 13.8



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





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. 0.01 min

Lab File: BF109098.D

Acq: 18 Sep 2018 16:26

Instrument :

BNA_F

ClientSampleId :

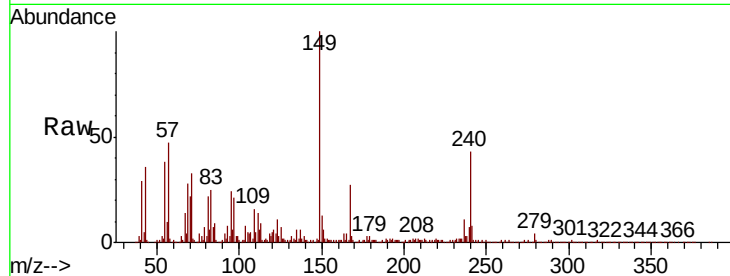
Tot Ion:240 Resp: 228777

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

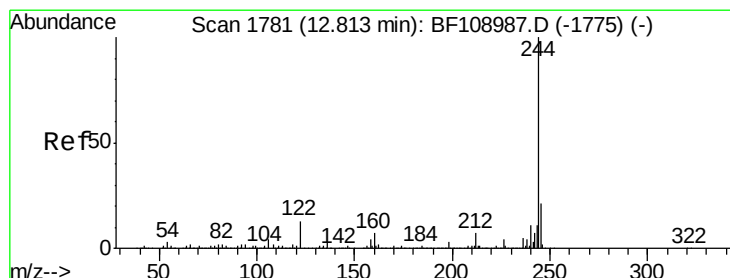
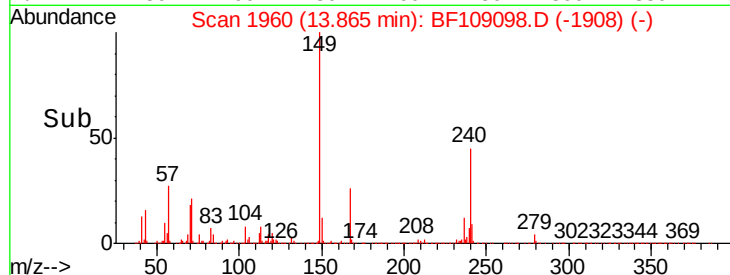
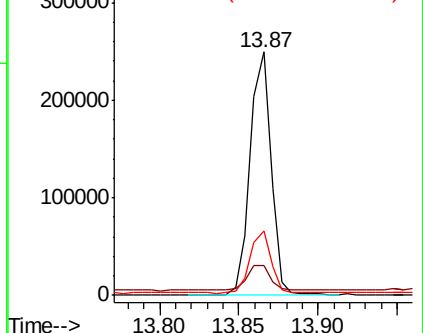
236 26.6 20.7 31.1



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



#78

Terphenyl-d14

Concen: 54.530 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109098.D

Acq: 18 Sep 2018 16:26

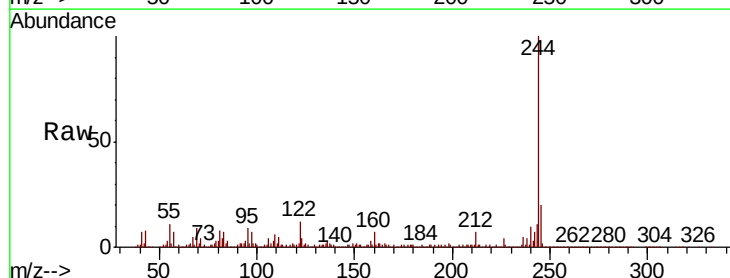
Tgt Ion:244 Resp: 526324

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

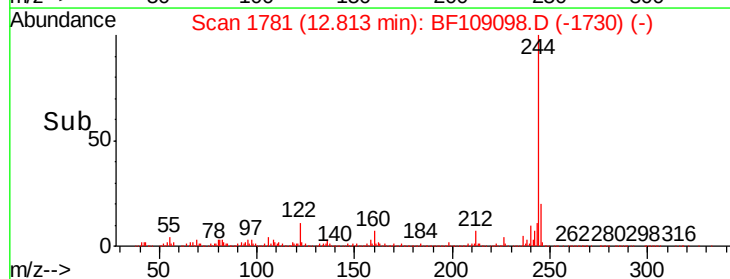
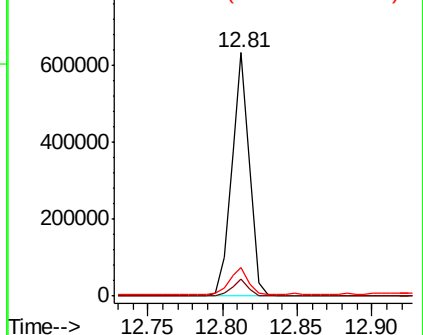
122 11.8 11.0 16.4

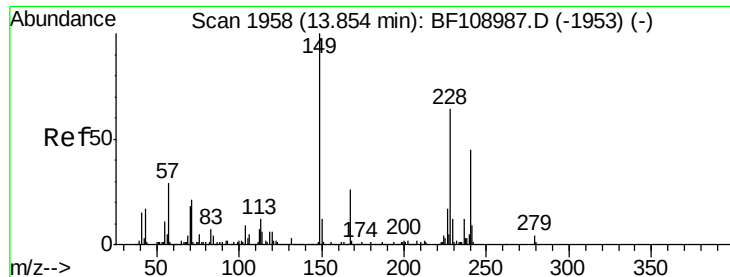


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

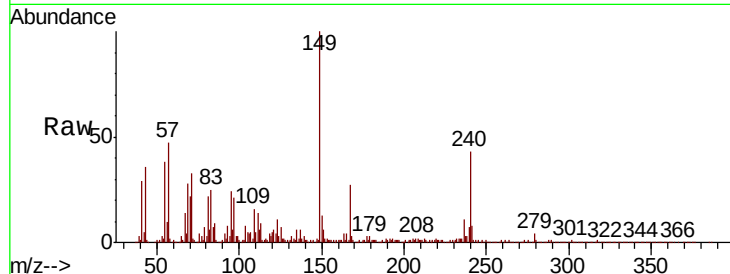




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.487 ng
 RT: 13.87 min Scan# 1960
 Delta R.T. 0.01 min
 Lab File: BF109098.D
 Acq: 18 Sep 2018 16:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	4.3	3.0	4.4

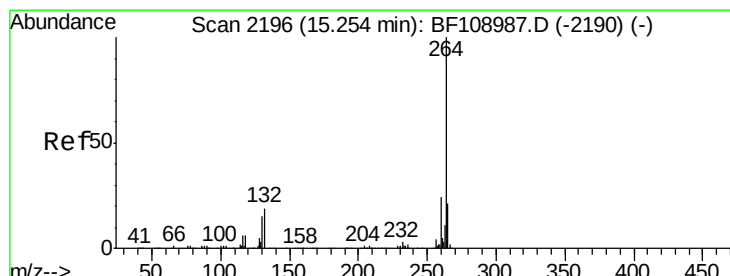
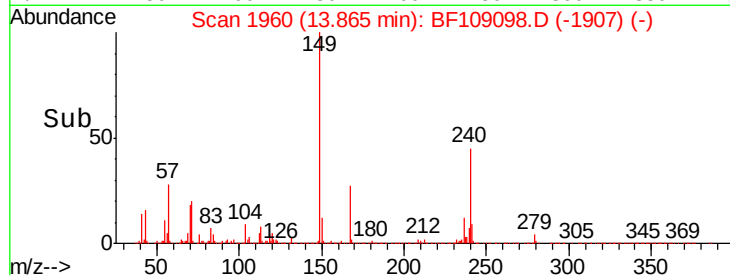
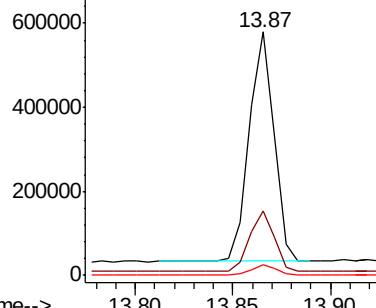


Abundance

Ion 149.00 (148.70 to 149.70): E

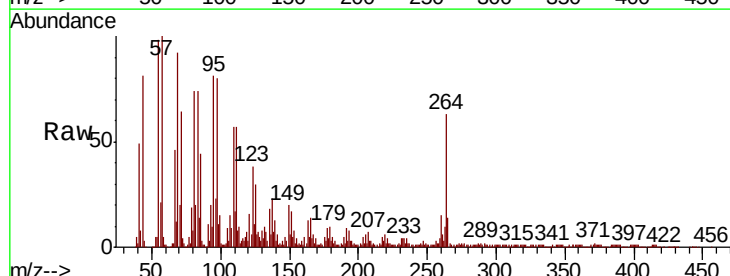
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2202
 Delta R.T. 0.04 min
 Lab File: BF109098.D
 Acq: 18 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.7	17.5	26.3



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

