

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109447.D
 Acq On : 28 Sep 2018 22:56
 Operator : JU/SJ
 Sample : J5148-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WS-1

Quant Time: Sep 29 05:59:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

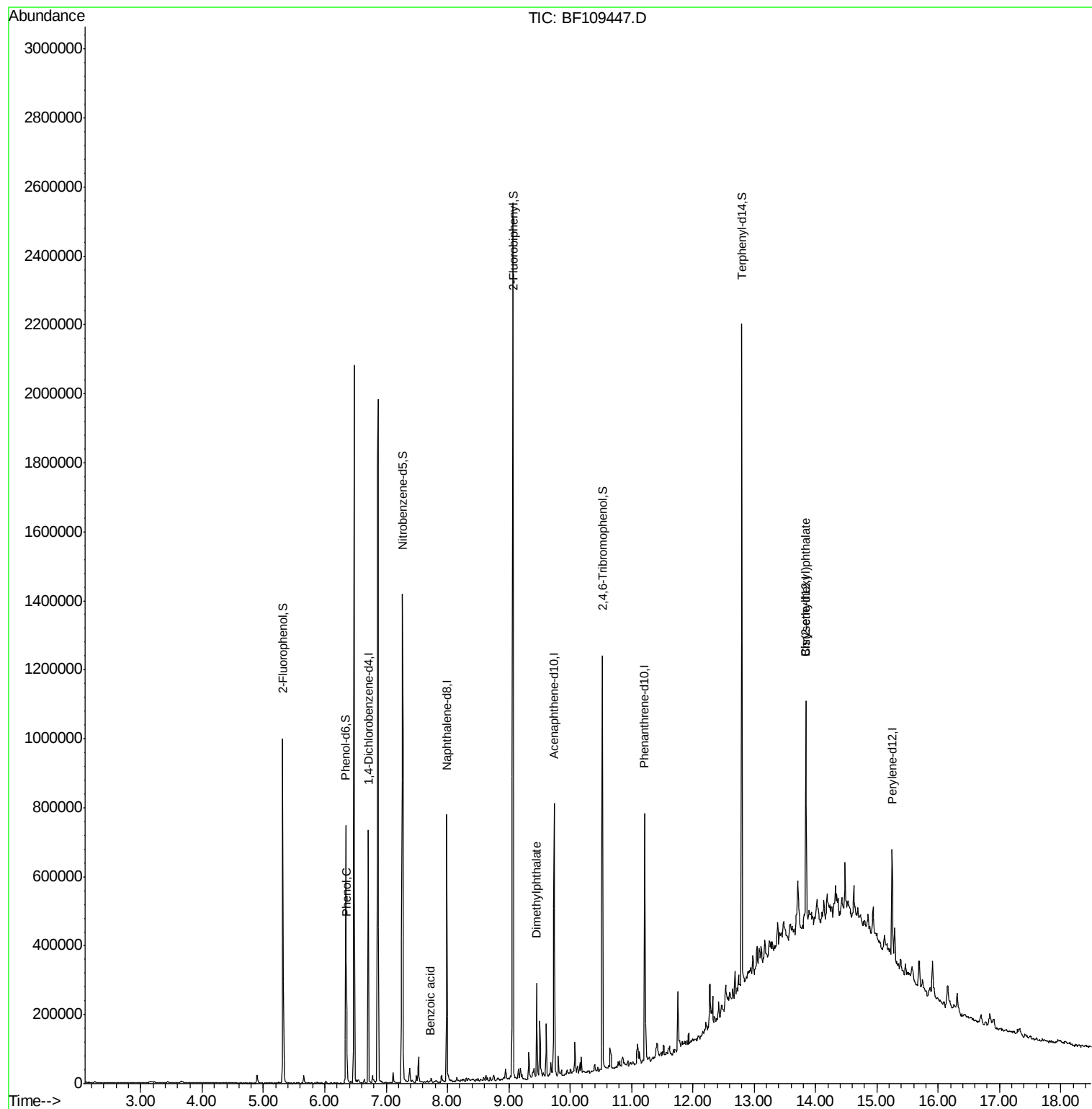
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	101157	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	346938	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	139040	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	247982	20.00	ng	0.00
75) Chrysene-d12	13.84	240	191010	20.00	ng	0.00
86) Perylene-d12	15.25	264	150918	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	293004	47.71	ng	0.00
7) Phenol-d6	6.35	99	218613	27.90	ng	-0.01
23) Nitrobenzene-d5	7.27	82	468687	79.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	149334	108.95	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	783643	85.00	ng	0.00
78) Terphenyl-d14	12.80	244	663598	85.26	ng	0.00
Target Compounds						
10) Phenol	6.36	94	40678	4.583	ng	98
32) Benzoic acid	7.72	122	1491	7.205	ng	94
49) Dimethylphthalate	9.46	163	91819	9.079	ng	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	31231	4.252	ng	98

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

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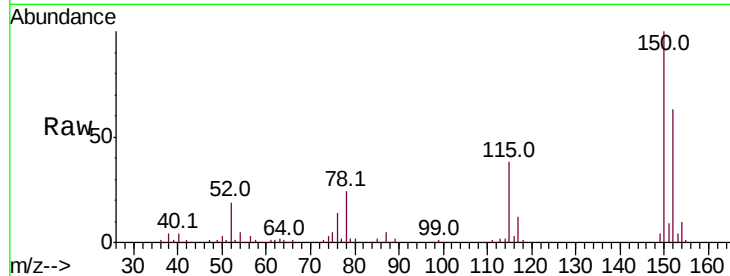


#1

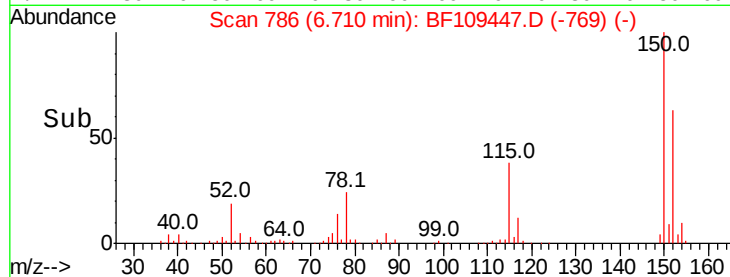
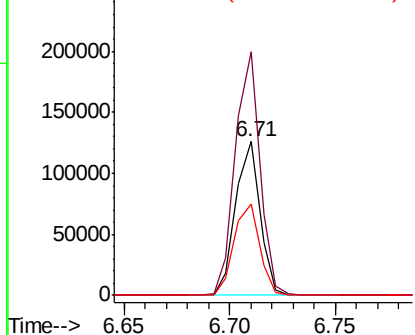
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF109447.D
 Acq: 28 Sep 2018 22:56

Instrument :
 BNA_F
 ClientSampled :
 WS-1

Tot Ion:152 Resp: 101157
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.6 186.8
 115 59.7 50.1 75.1



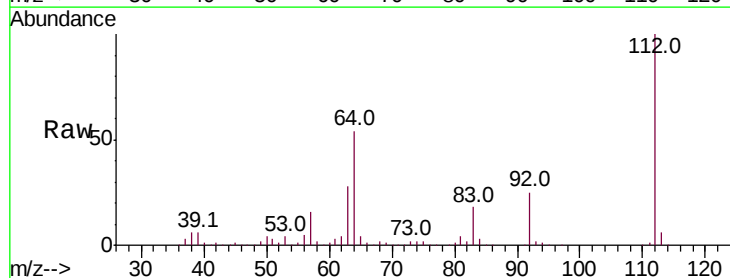
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



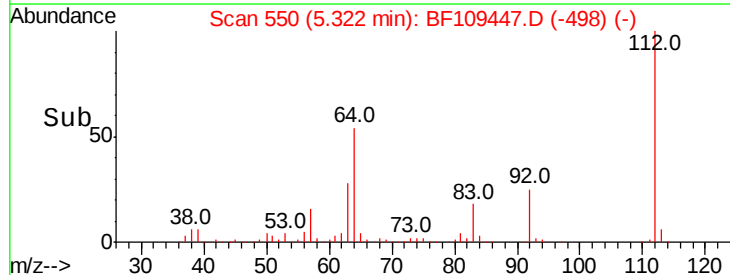
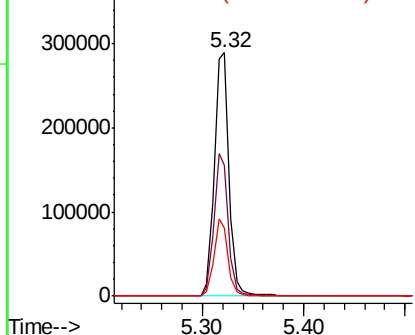
#5

2-Fluorophenol
 Concen: 47.708 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF109447.D
 Acq: 28 Sep 2018 22:56

Tgt Ion:112 Resp: 293004
 Ion Ratio Lower Upper
 112 100
 64 53.6 47.9 71.9
 63 28.2 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: 27.895 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109447.D

Acq: 28 Sep 2018 22:56

Instrument :

BNA_F

ClientSampleId :

WS-1

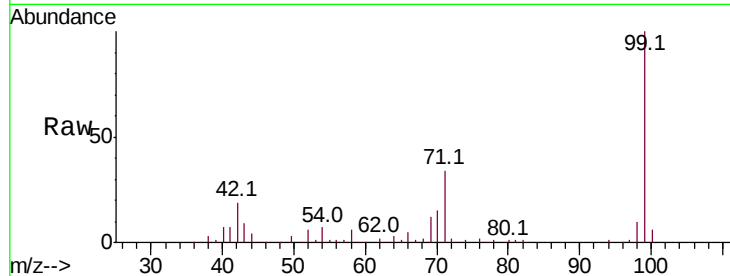
Tot Ion: 99 Resp: 218613

Ion Ratio Lower Upper

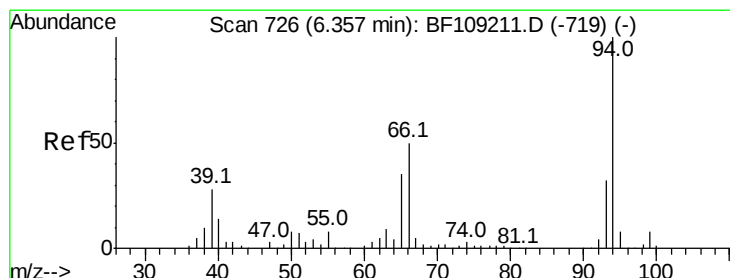
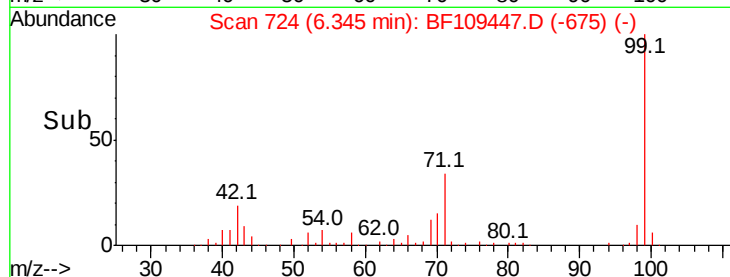
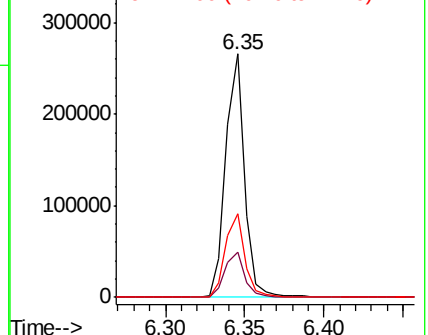
99 100

42 18.6 14.5 21.7

71 34.3 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



#10

Phenol

Concen: 4.583 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109447.D

Acq: 28 Sep 2018 22:56

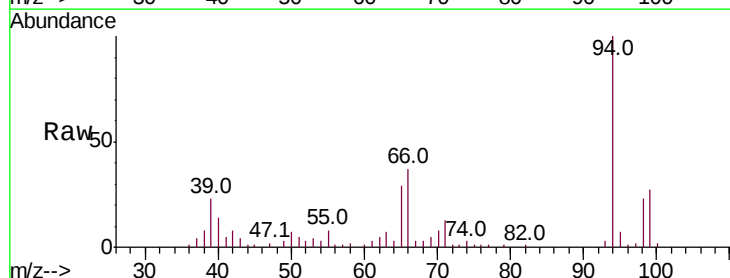
Tgt Ion: 94 Resp: 40678

Ion Ratio Lower Upper

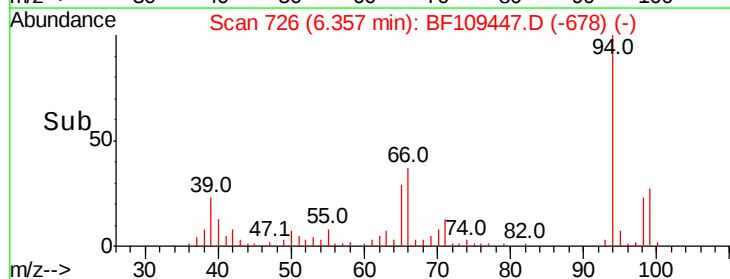
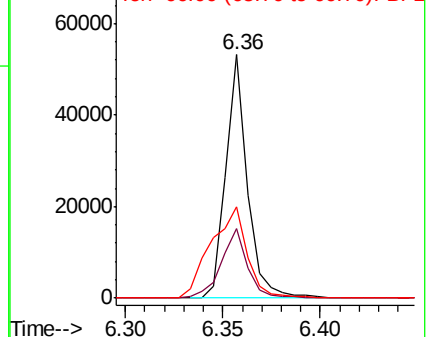
94 100

65 28.8 7.9 47.9

66 37.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF109447.D

Acq: 28 Sep 2018 22:56

Instrument :

BNA_F

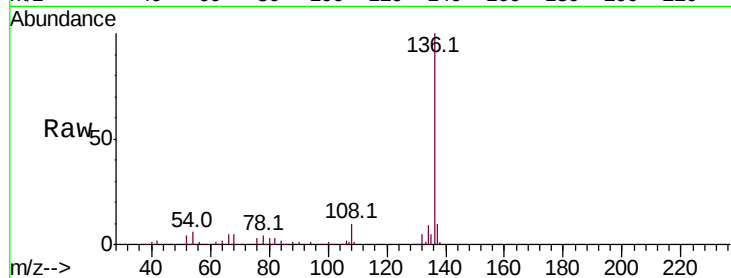
ClientSampleId :

WS-1

Tot Ion:136 Resp: 346938

Ion Ratio Lower Upper

136	100		
137	10.4	8.9	13.3
54	6.3	6.6	9.8#
68	5.3	5.0	7.4

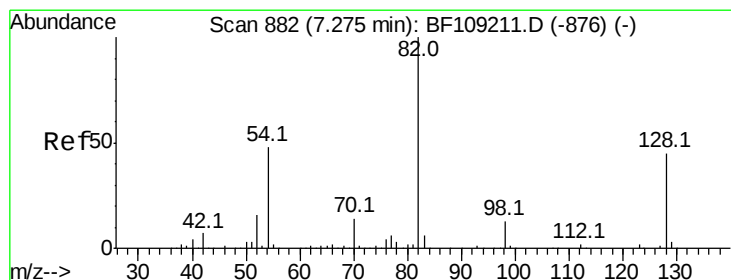
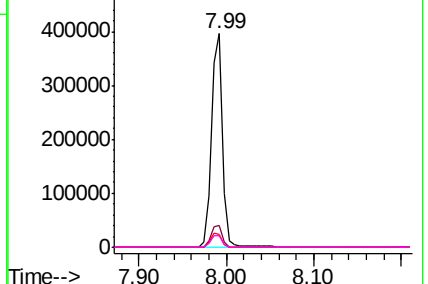
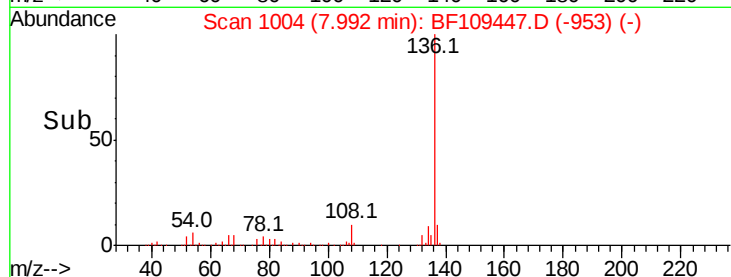


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.747 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

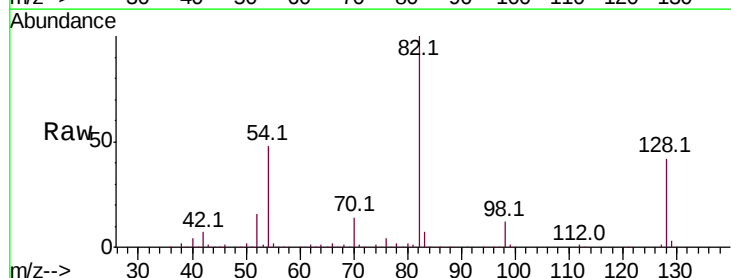
Lab File: BF109447.D

Acq: 28 Sep 2018 22:56

Tgt Ion: 82 Resp: 468687

Ion Ratio Lower Upper

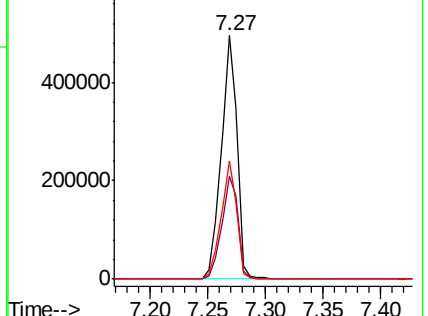
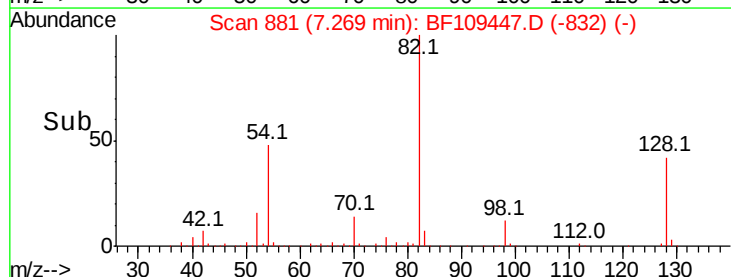
82	100		
128	42.5	36.1	54.1
54	48.3	41.4	62.2

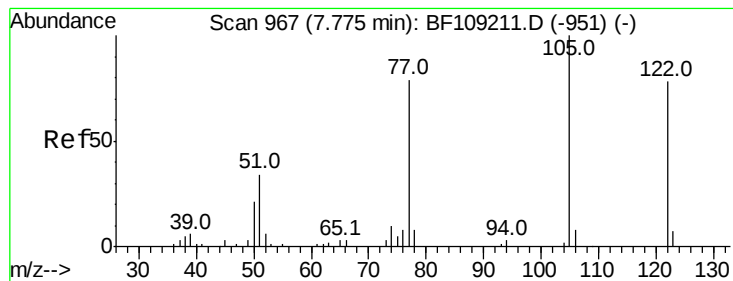


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#32

Benzoic acid

Concen: 7.205 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.10 min

Lab File: BF109447.D

Acq: 28 Sep 2018 22:56

Instrument :

BNA_F

ClientSampleId :

WS-1

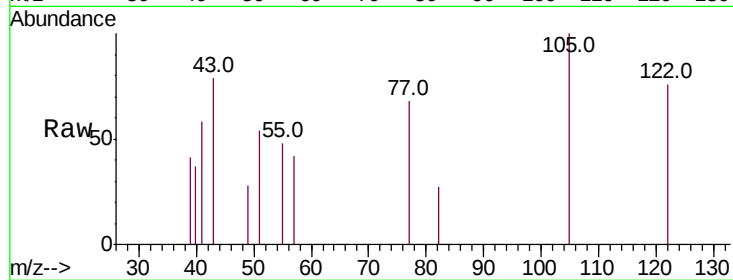
Tot Ion:122 Resp: 1491

Ion Ratio Lower Upper

122 100

105 132.1 101.1 141.1

77 89.3 70.7 110.7

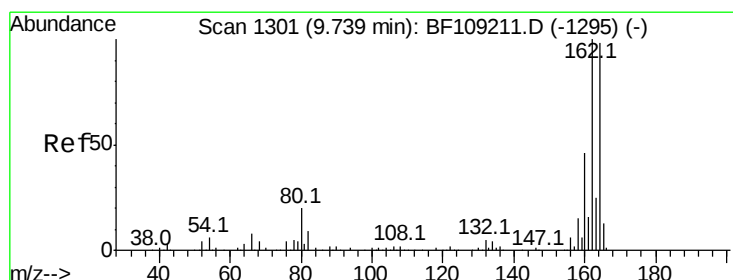
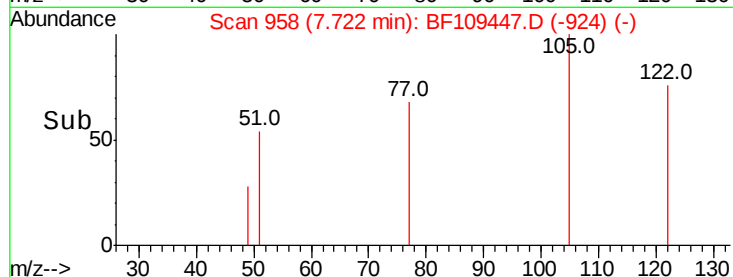
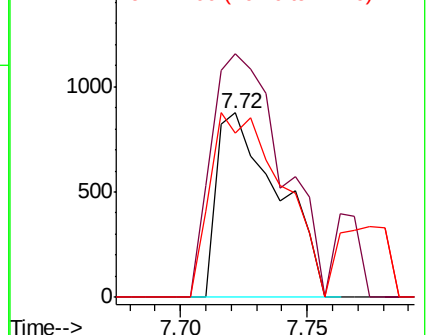


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF109447.D

Acq: 28 Sep 2018 22:56

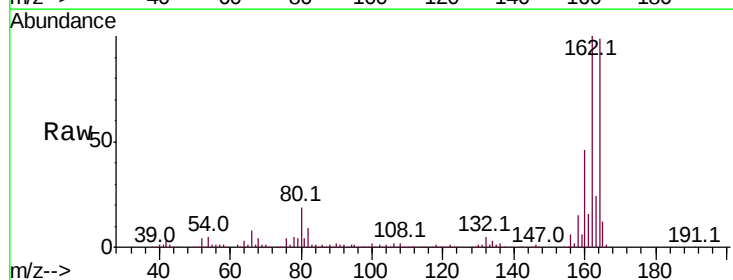
Tgt Ion:164 Resp: 139040

Ion Ratio Lower Upper

164 100

162 101.0 86.1 129.1

160 46.4 38.3 57.5

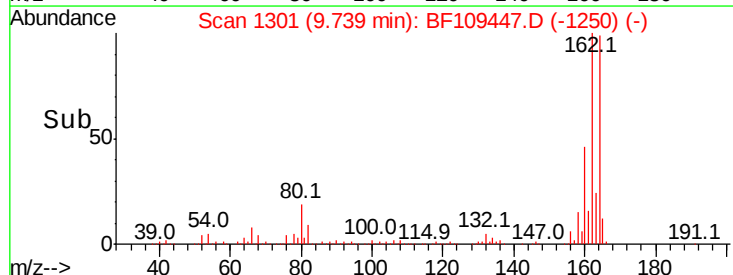
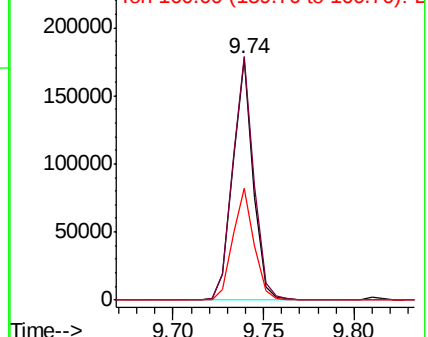


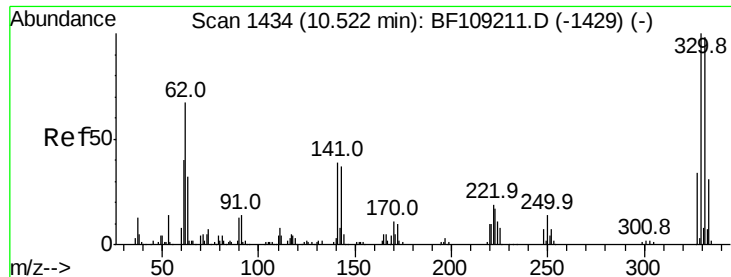
Abundance

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

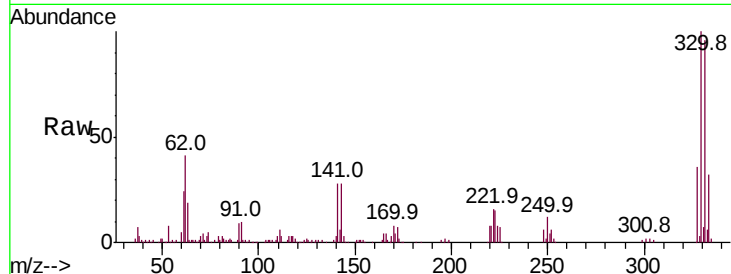




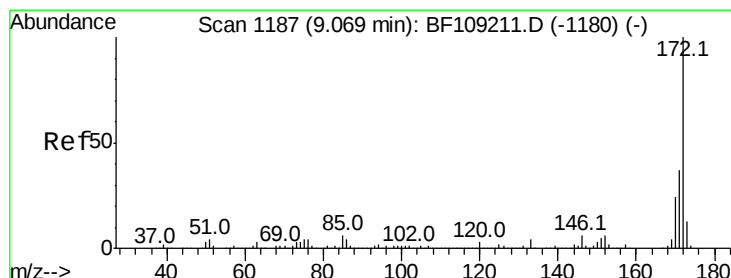
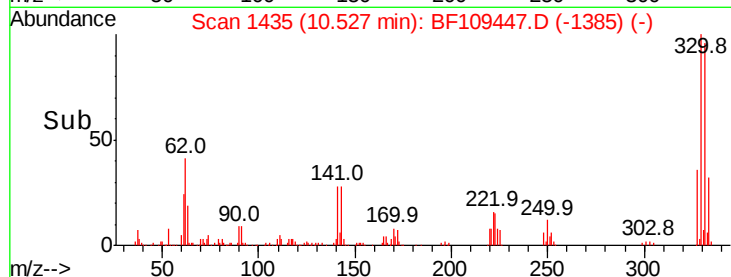
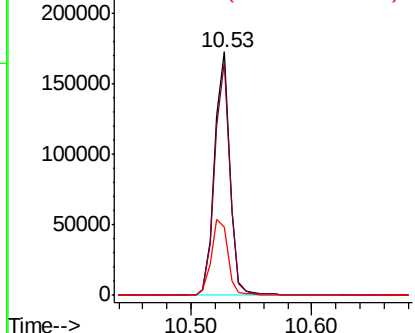
#41
 2,4,6-Tribromophenol
 Concen: 108.952 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109447.D
 Acq: 28 Sep 2018 22:56

Instrument :
 BNA_F
 ClientSampleId :
 WS-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	34.6	29.9	44.9

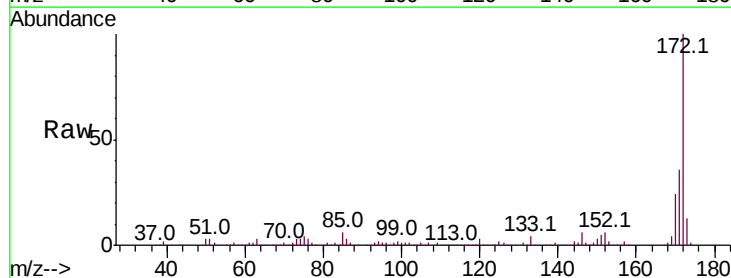


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

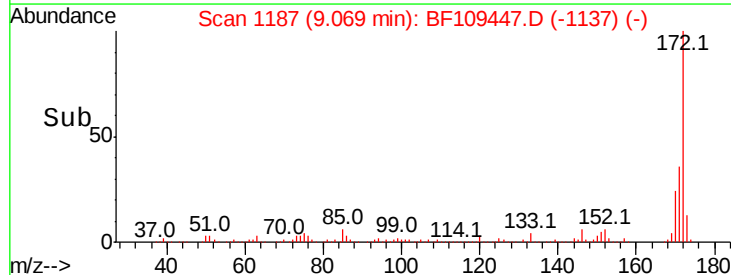
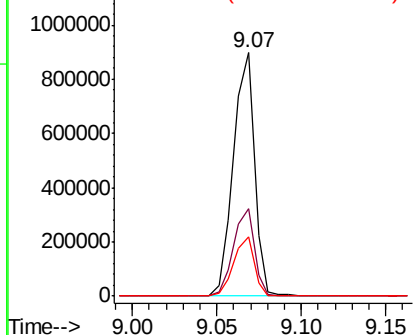


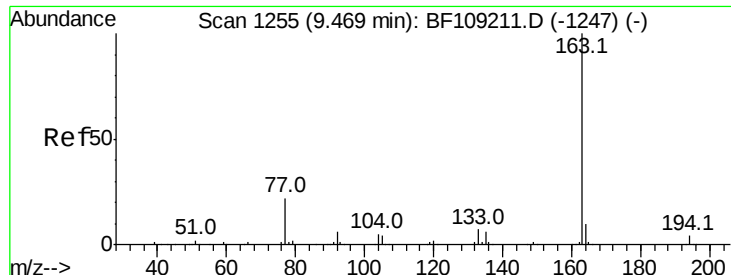
#44
 2-Fluorobiphenyl
 Concen: 85.003 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109447.D
 Acq: 28 Sep 2018 22:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.2	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

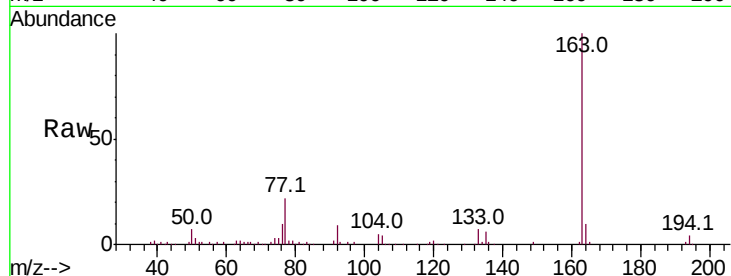




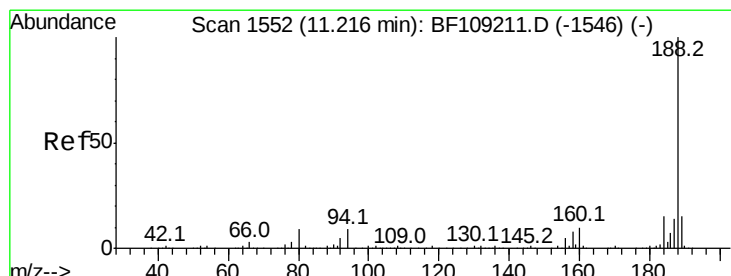
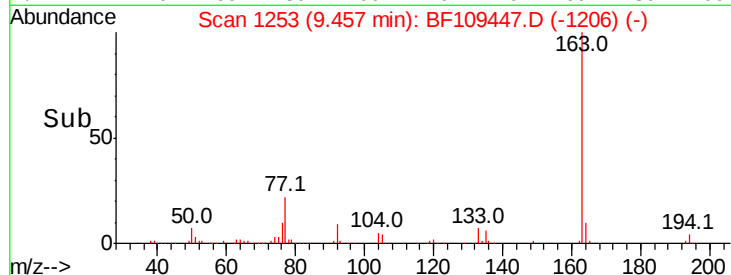
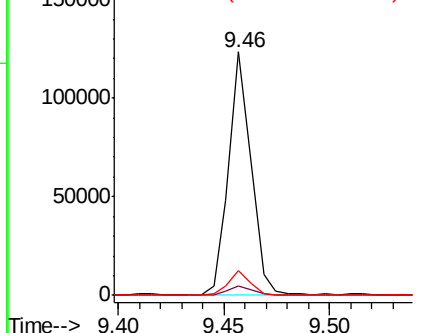
#49
Dimethylphthalate
Concen: 9.079 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109447.D
Acq: 28 Sep 2018 22:56

Instrument :
BNA_F
ClientSampleId :
WS-1

Tot Ion:163 Resp: 91819
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.4 8.2 12.2

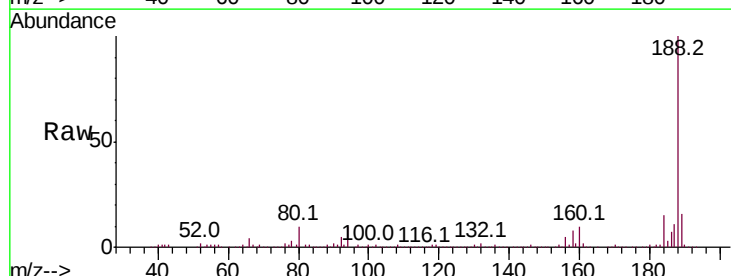


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

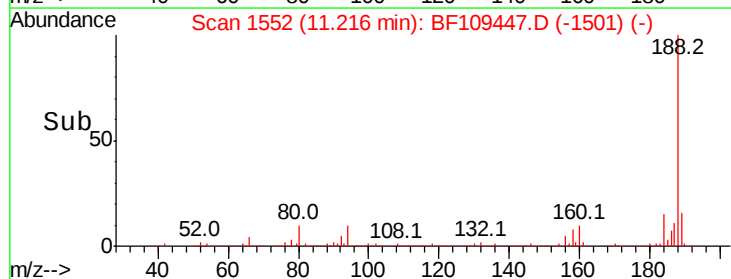
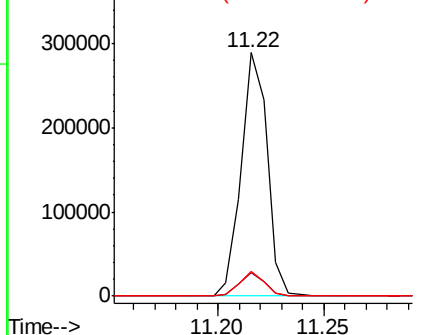


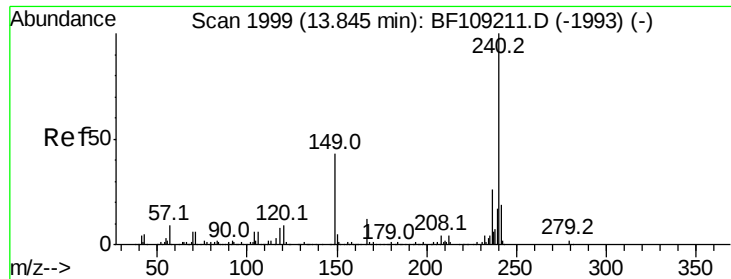
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109447.D
Acq: 28 Sep 2018 22:56

Tgt Ion:188 Resp: 247982
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.3 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

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109447.D

Acq: 28 Sep 2018 22:56

Instrument :

BNA_F

ClientSampleId :

WS-1

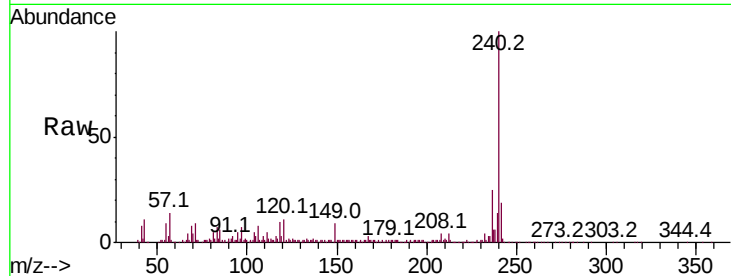
Tot Ion:240 Resp: 191010

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

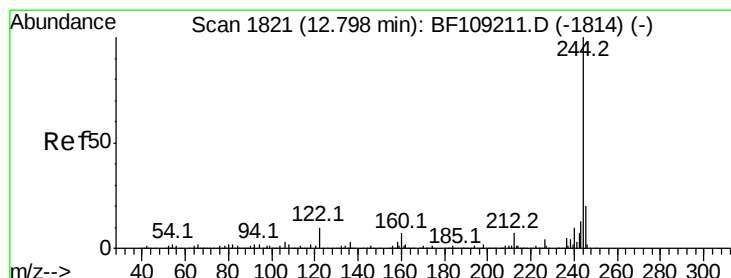
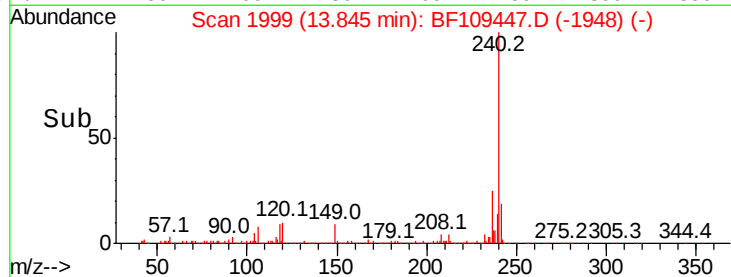
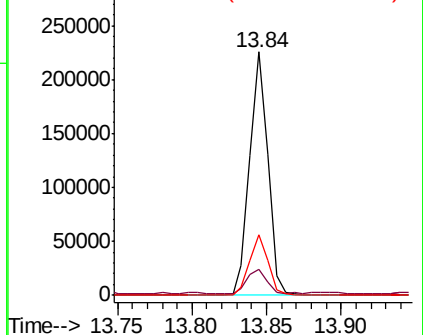
236 25.0 20.7 31.1



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: 85.261 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109447.D

Acq: 28 Sep 2018 22:56

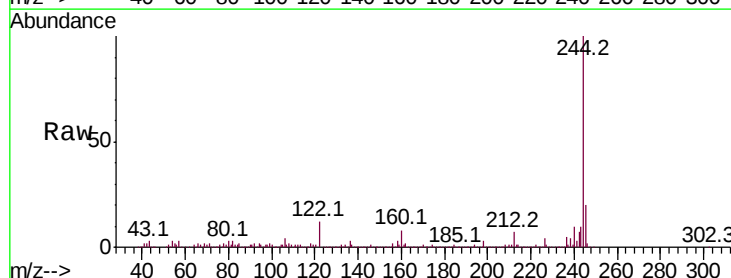
Tgt Ion:244 Resp: 663598

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

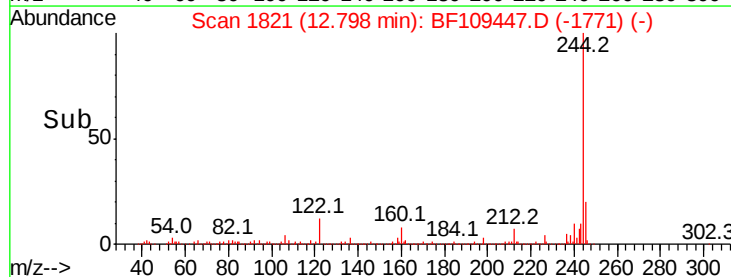
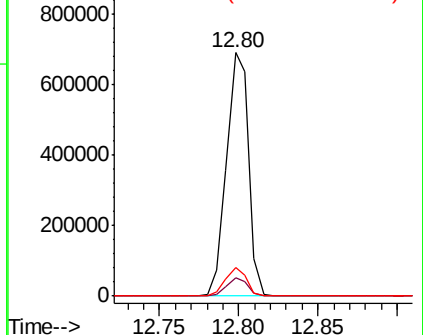
122 11.9 11.0 16.4

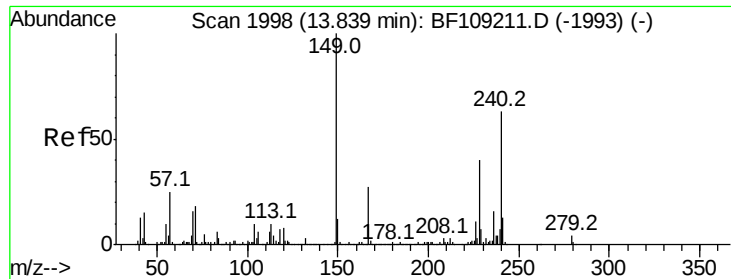


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

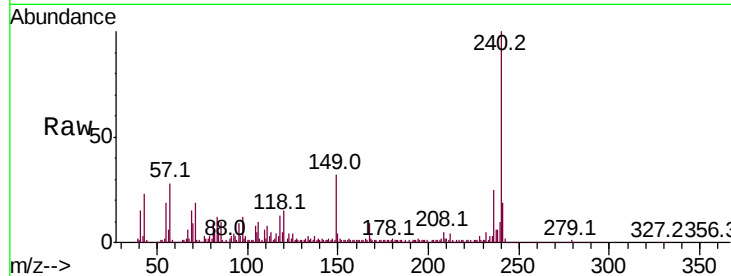




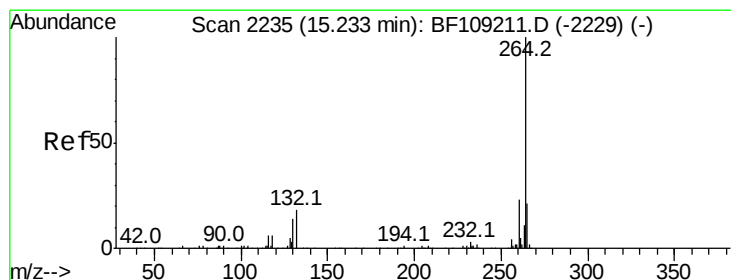
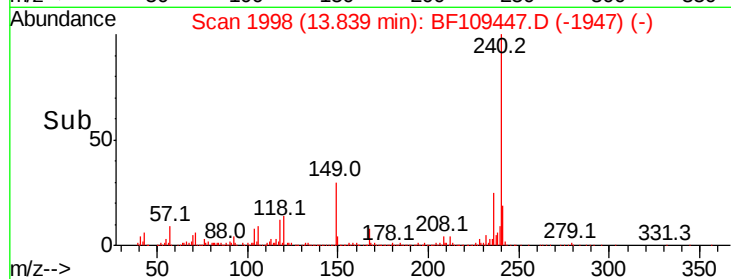
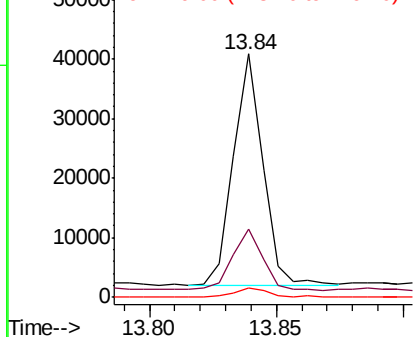
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.252 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BF109447.D
Acq: 28 Sep 2018 22:56

Instrument :
BNA_F
ClientSampled :
WS-1

Tot Ion:149 Resp: 31231
Ion Ratio Lower Upper
149 100
167 27.9 21.3 31.9
279 3.8 3.0 4.4

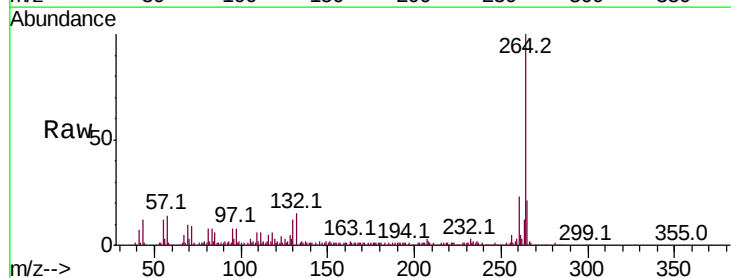


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109447.D
Acq: 28 Sep 2018 22:56

Tgt Ion:264 Resp: 150918
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.2 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

