

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109044.D
 Acq On : 17 Sep 2018 13:24
 Operator : JU/SJ
 Sample : J4941-01 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB47199RT

Quant Time: Sep 17 14:29:17 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

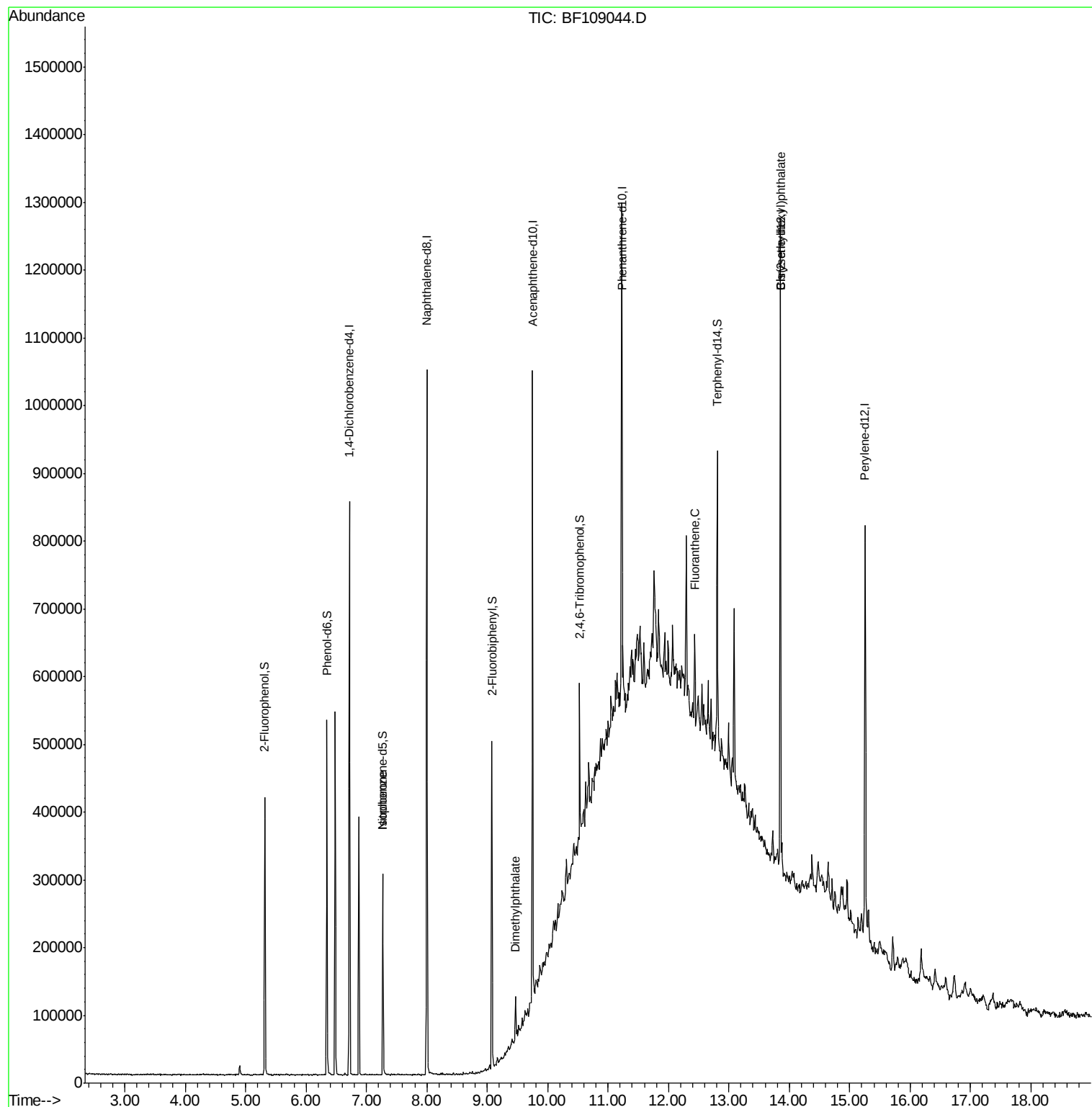
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	111345	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	406155	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	168356	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	280792	20.00	ng	0.00
75) Chrysene-d12	13.85	240	287586	20.00	ng	0.00
86) Perylene-d12	15.26	264	285952	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	116556	17.39	ng	0.00
7) Phenol-d6	6.34	99	150762	17.44	ng	-0.02
23) Nitrobenzene-d5	7.27	82	85246	11.77	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	26667	14.60	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	161991	15.07	ng	0.00
78) Terphenyl-d14	12.81	244	141143	11.63	ng	0.00
Target Compounds						
25) Isophorone	7.27	82	85245	6.848	ng	# 64
49) Dimethylphthalate	9.47	163	24588	2.043	ng	# 99
74) Fluoranthene	12.44	202	31480	2.166	ng	# 92
83) Bis(2-ethylhexyl)phthalate	13.85	149	34807	3.013	ng	# 94

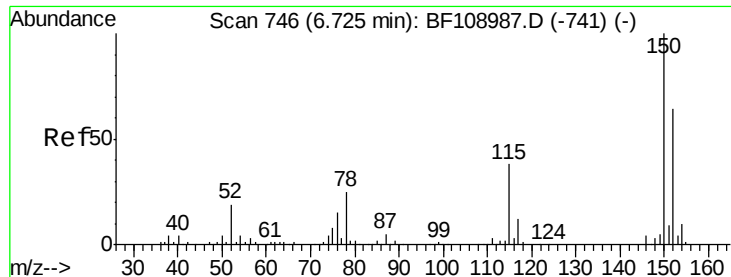
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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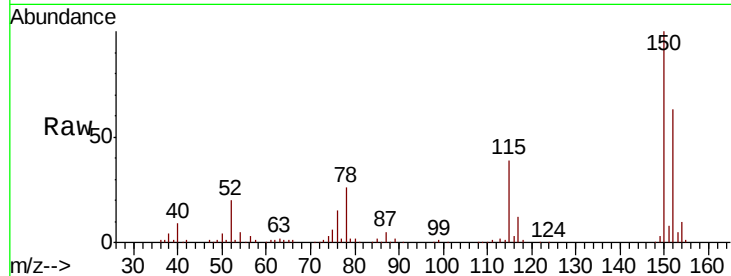


#1

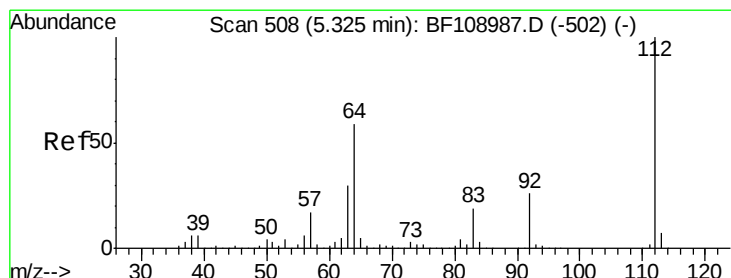
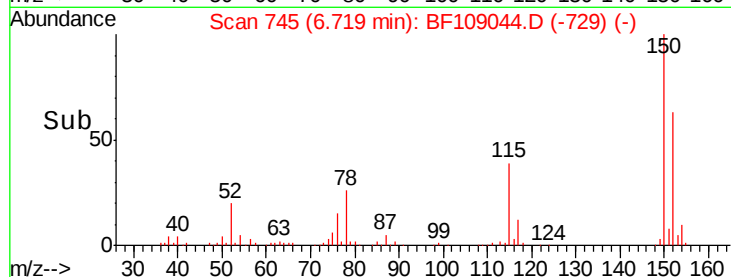
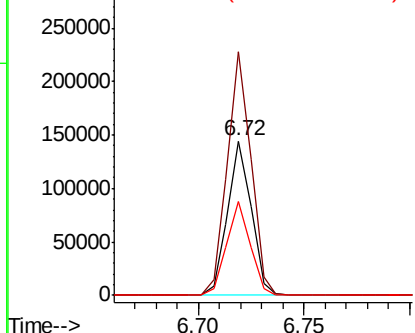
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109044.D
Acq: 17 Sep 2018 13:24

Instrument :
BNA_F
ClientSampleId :
RB47199RT

Tot Ion:152 Resp: 111345
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 60.8 50.1 75.1



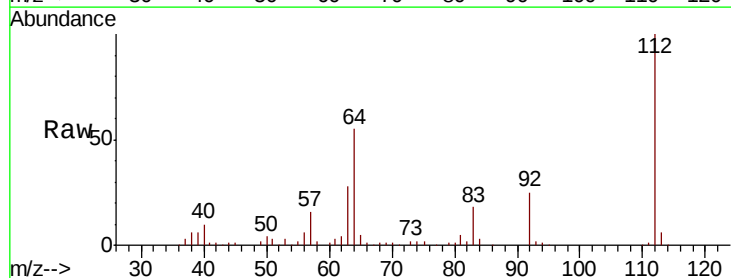
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



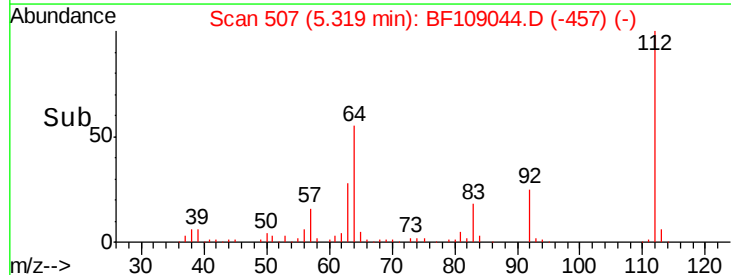
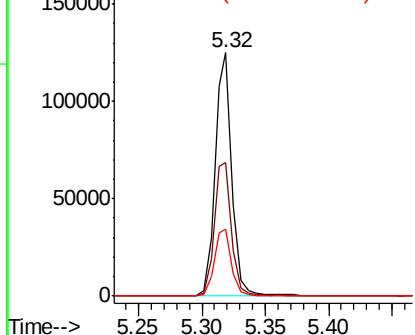
#5

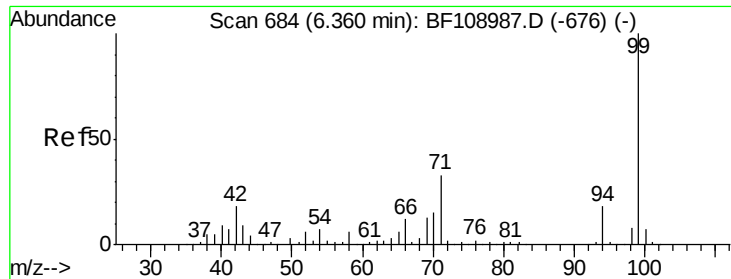
2-Fluorophenol
Concen: 17.386 ng
RT: 5.32 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF109044.D
Acq: 17 Sep 2018 13:24

Tgt Ion:112 Resp: 116556
Ion Ratio Lower Upper
112 100
64 55.0 47.9 71.9
63 27.7 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: 17.440 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109044.D

Acq: 17 Sep 2018 13:24

Instrument :

BNA_F

ClientSampled :

RB47199RT

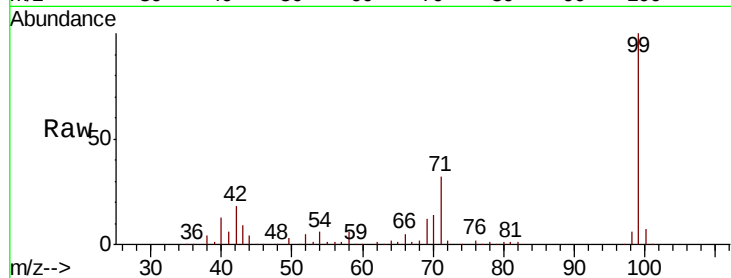
Tot Ion: 99 Resp: 150762

Ion Ratio Lower Upper

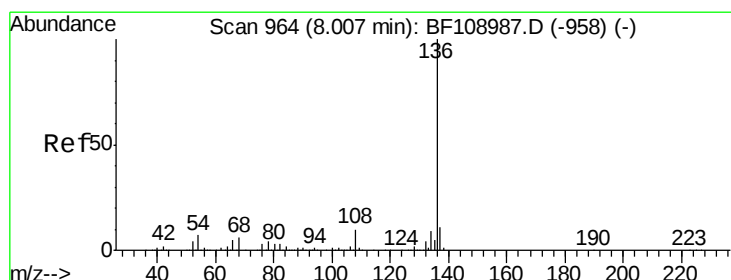
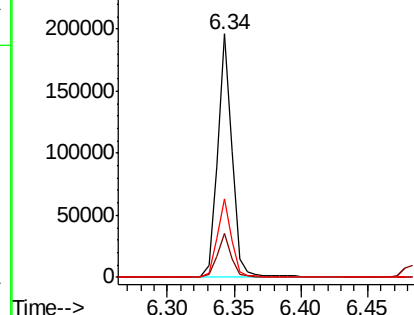
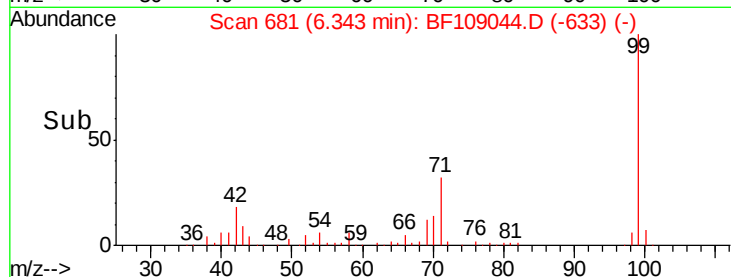
99 100

42 17.9 14.5 21.7

71 32.2 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: BF109044.D

Acq: 17 Sep 2018 13:24

Tgt Ion: 136 Resp: 406155

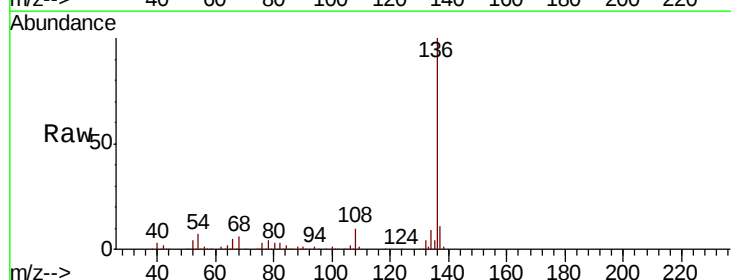
Ion Ratio Lower Upper

136 100

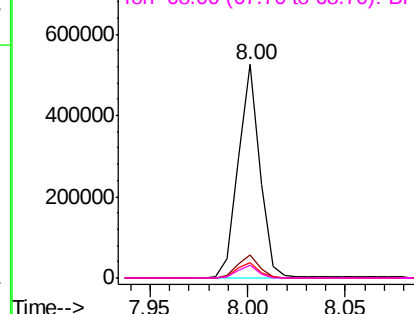
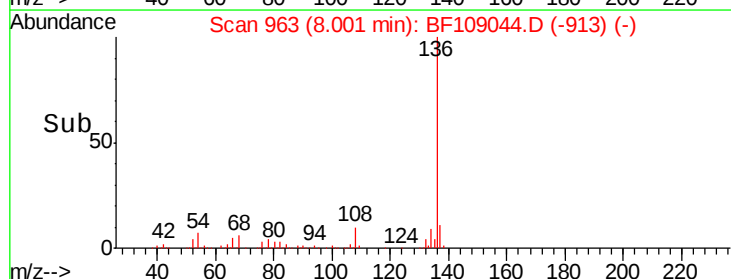
137 11.0 8.9 13.3

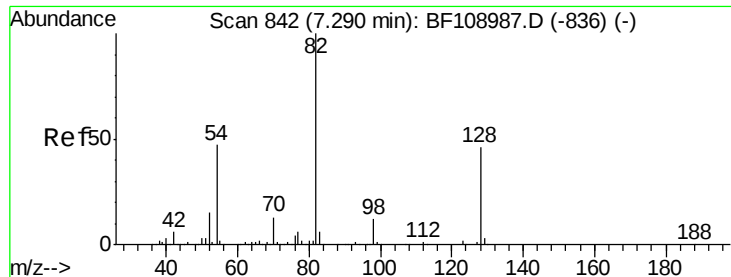
54 7.0 6.6 9.8

68 6.0 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

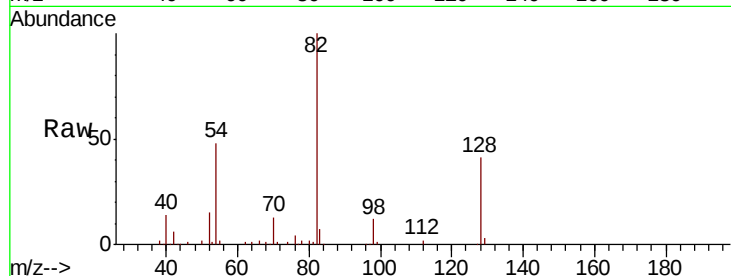




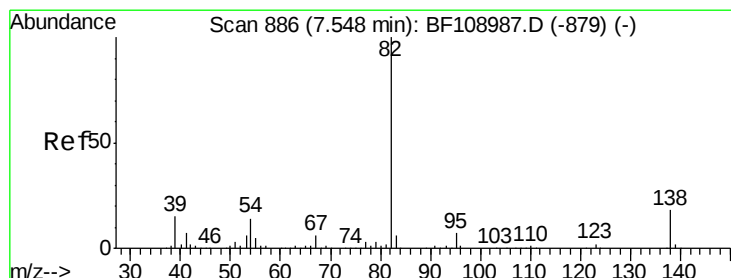
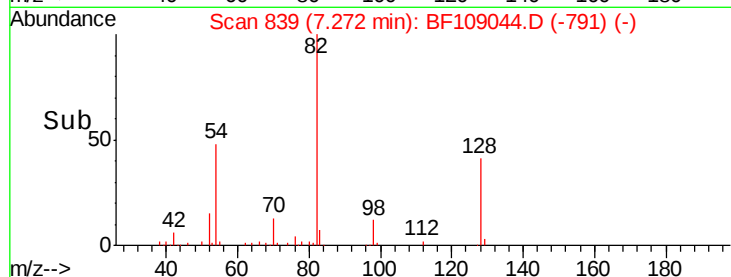
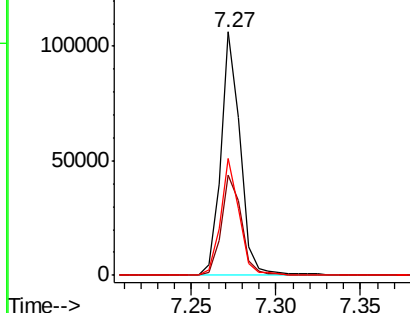
#23
Nitrobenzene-d5
Concen: 11.772 ng
RT: 7.27 min Scan# 839
Delta R.T. -0.02 min
Lab File: BF109044.D
Acq: 17 Sep 2018 13:24

Instrument :
BNA_F
ClientSampleId :
RB47199RT

Tot Ion	82	Resp	85246
Ion Ratio	Lower	Upper	
82	100		
128	41.0	36.1	54.1
54	47.9	41.4	62.2

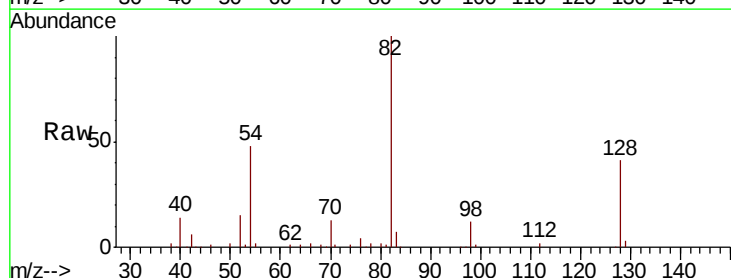


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

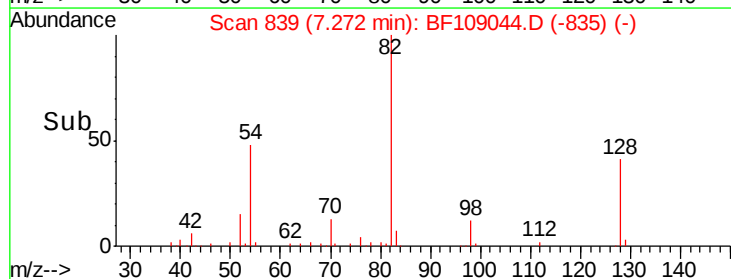
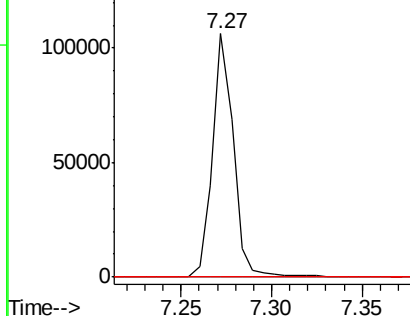


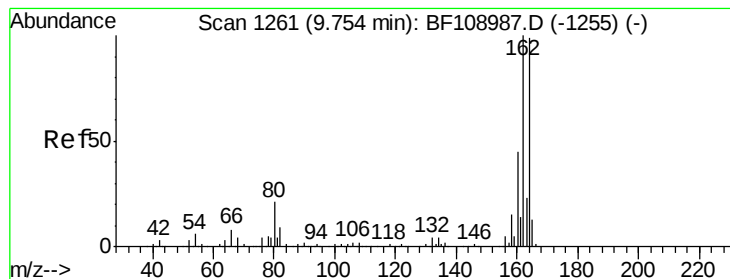
#25
Isophorone
Concen: 6.848 ng
RT: 7.27 min Scan# 839
Delta R.T. -0.28 min
Lab File: BF109044.D
Acq: 17 Sep 2018 13:24

Tgt Ion	82	Resp	85245
Ion Ratio	Lower	Upper	
82	100		
95	0.0	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF109044.D

Acq: 17 Sep 2018 13:24

Instrument :

BNA_F

ClientSampleId :

RB47199RT

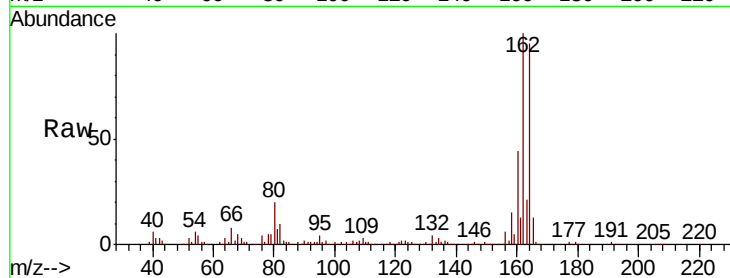
Tot Ion:164 Resp: 168356

Ion Ratio Lower Upper

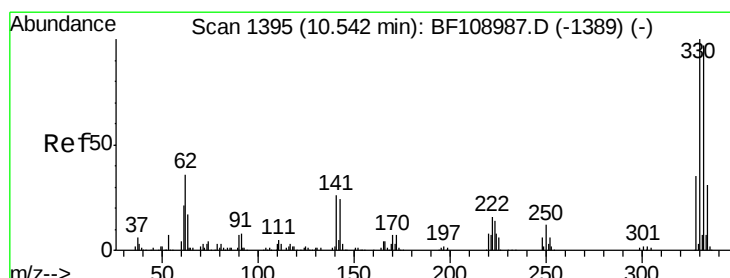
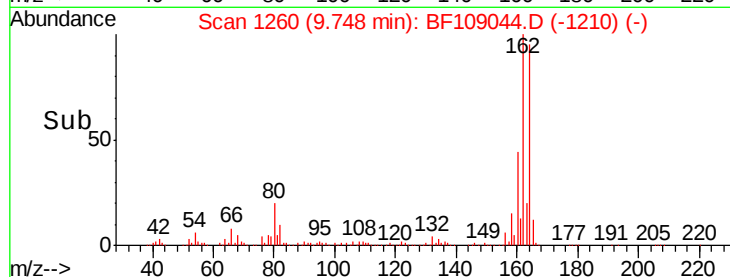
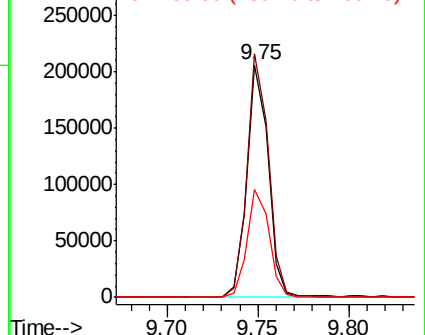
164 100

162 104.8 86.1 129.1

160 46.5 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: 14.595 ng

RT: 10.53 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF109044.D

Acq: 17 Sep 2018 13:24

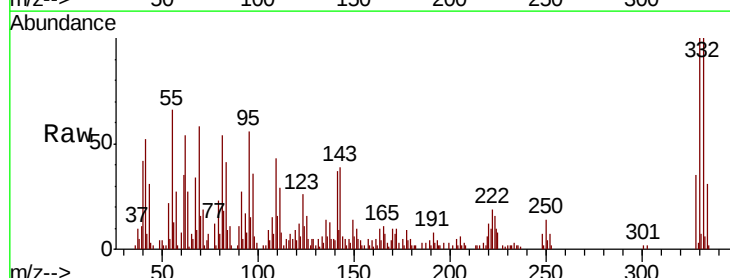
Tgt Ion:330 Resp: 26667

Ion Ratio Lower Upper

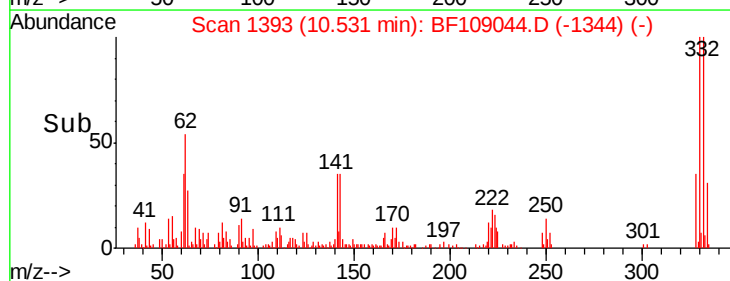
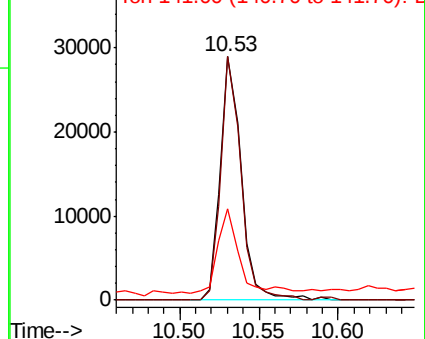
330 100

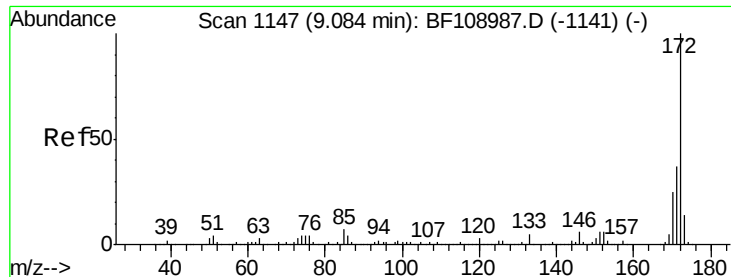
332 95.6 77.0 115.6

141 34.4 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

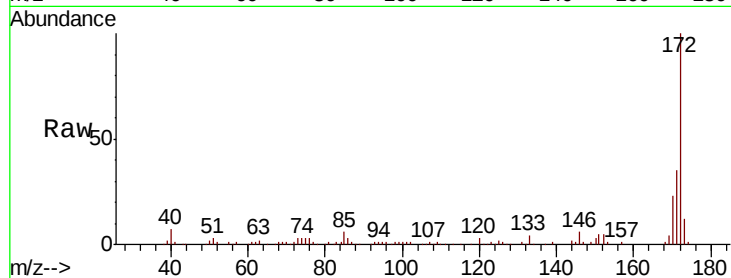




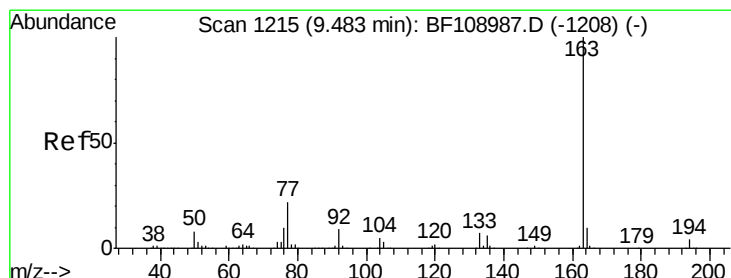
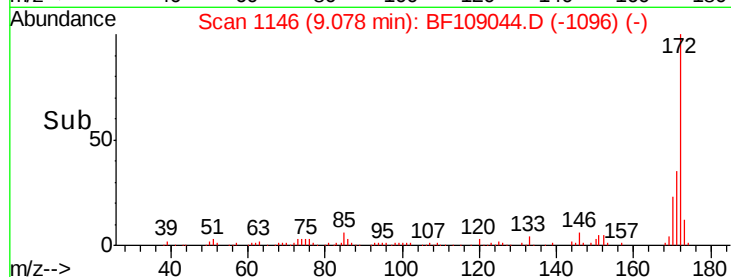
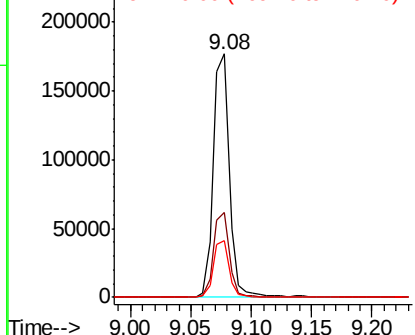
#44
2-Fluorobiphenyl
Concen: 15.075 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109044.D
Acq: 17 Sep 2018 13:24

Instrument :
BNA_F
ClientSampleId :
RB47199RT

Tot Ion:172 Resp: 161991
Ion Ratio Lower Upper
172 100
171 34.8 29.7 44.5
170 23.3 19.6 29.4

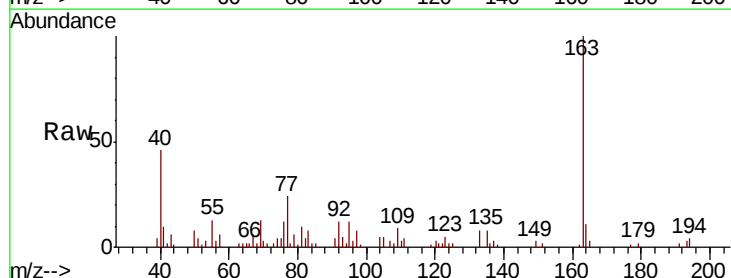


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

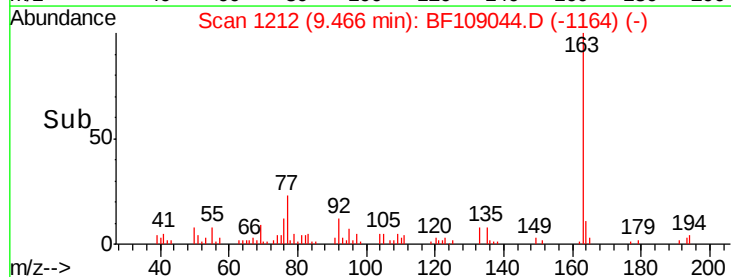
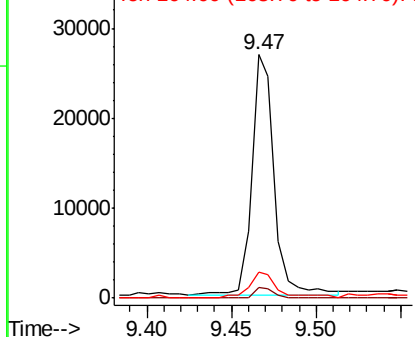


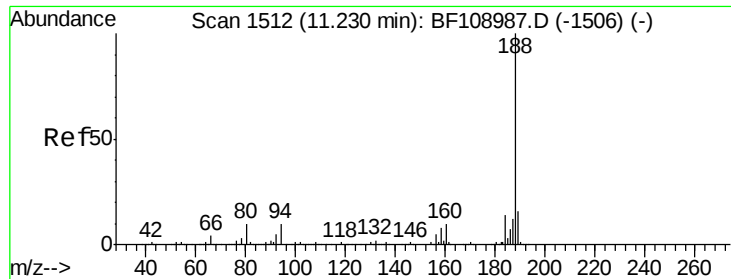
#49
Dimethylphthalate
Concen: 2.043 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109044.D
Acq: 17 Sep 2018 13:24

Tgt Ion:163 Resp: 24588
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.6 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

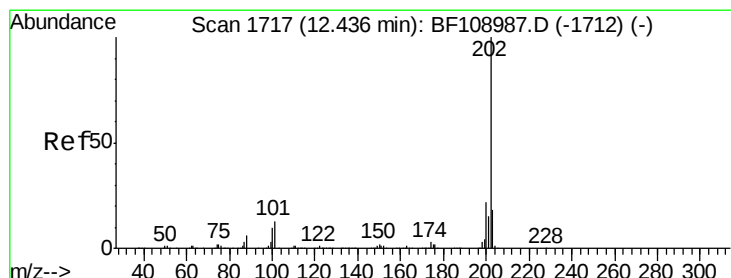
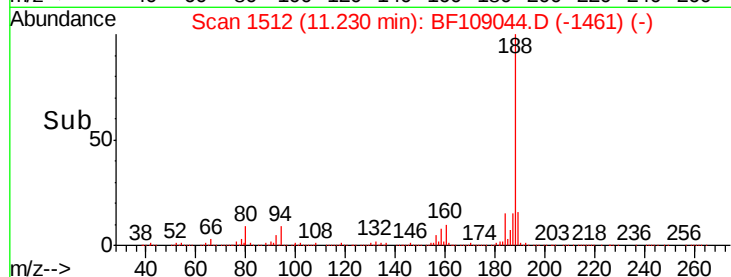
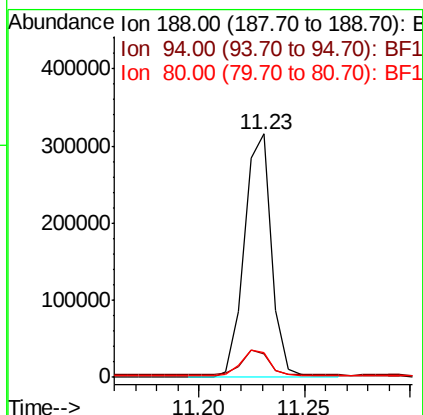
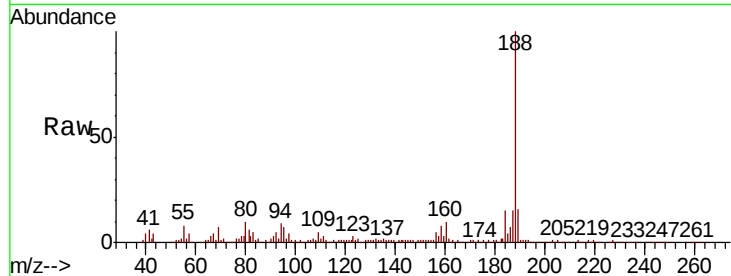




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF109044.D
Acq: 17 Sep 2018 13:24

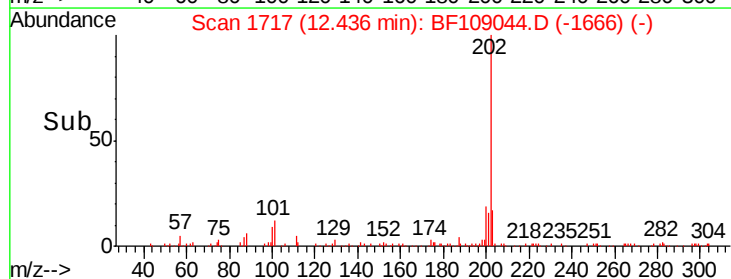
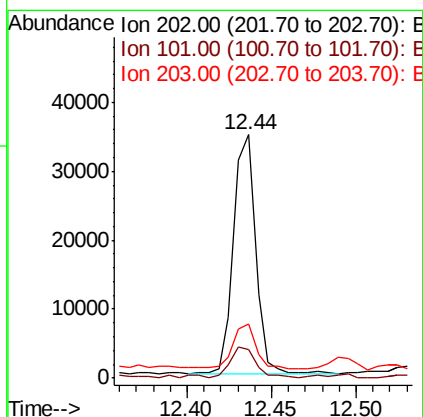
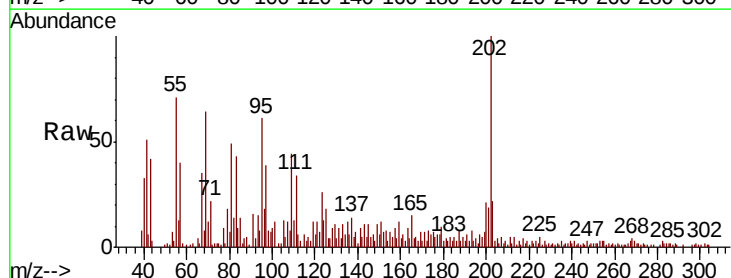
Instrument :
BNA_F
ClientSampleId :
RB47199RT

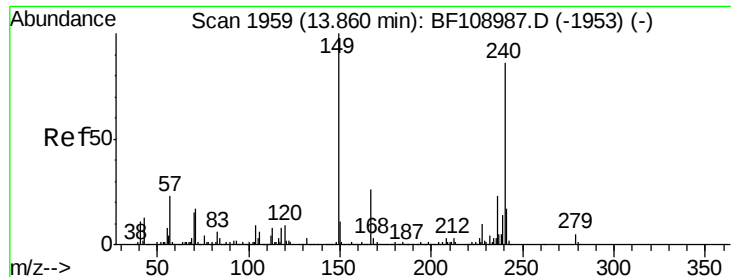
Tot Ion:188 Resp: 280792
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 9.9 9.2 13.8



#74
Fluoranthene
Concen: 2.166 ng
RT: 12.44 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BF109044.D
Acq: 17 Sep 2018 13:24

Tgt Ion:202 Resp: 31480
Ion Ratio Lower Upper
202 100
101 11.8 0.0 34.1
203 22.3 0.0 38.1





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109044.D

Acq: 17 Sep 2018 13:24

Instrument :

BNA_F

ClientSampleId :

RB47199RT

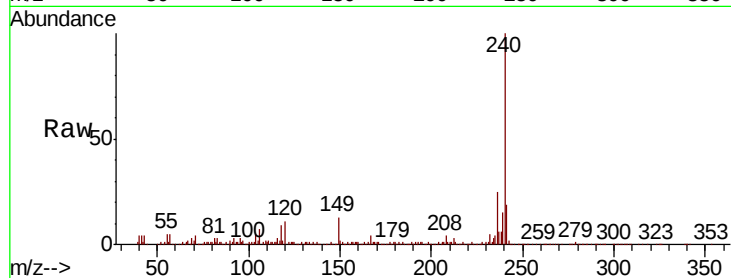
Tot Ion:240 Resp: 287586

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

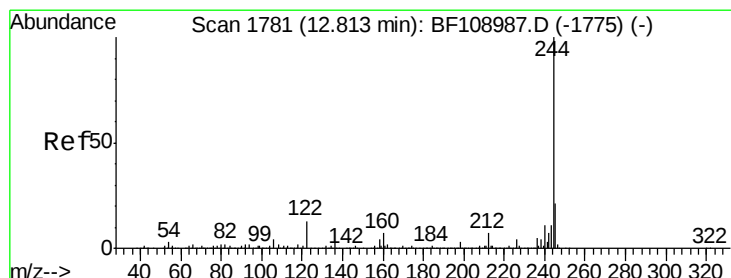
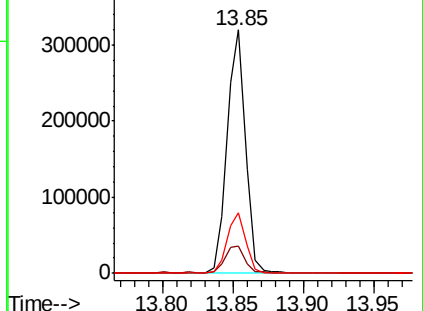
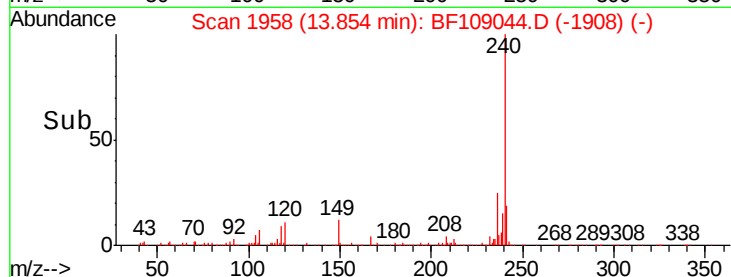
236 25.1 20.7 31.1



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



#78

Terphenyl-d14

Concen: 11.633 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109044.D

Acq: 17 Sep 2018 13:24

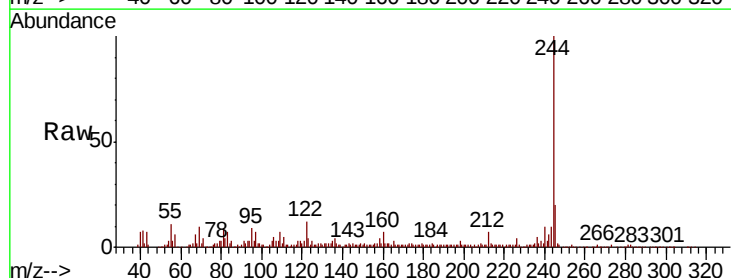
Tgt Ion:244 Resp: 141143

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

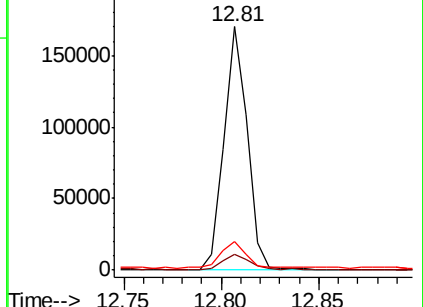
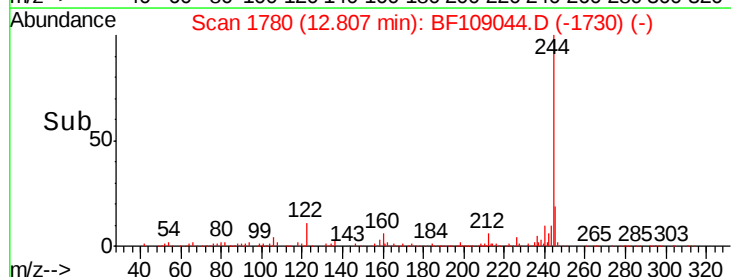
122 11.8 11.0 16.4

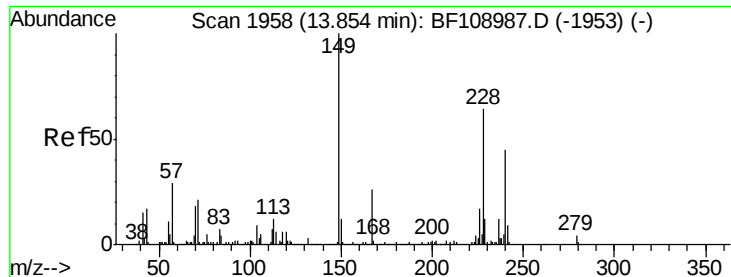


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

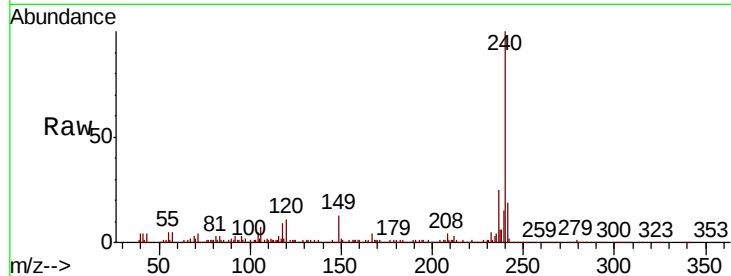




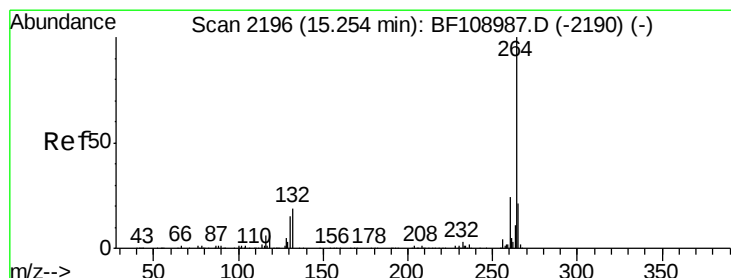
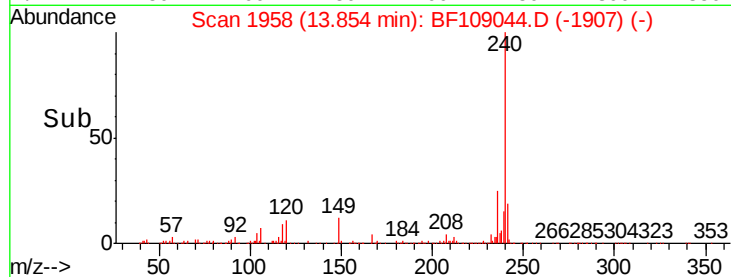
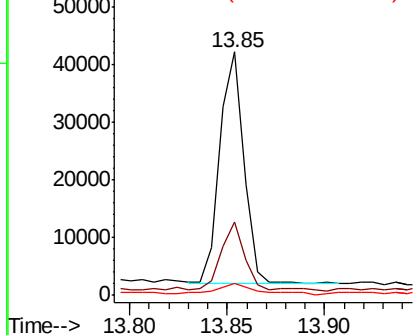
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.013 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. 0.00 min
 Lab File: BF109044.D
 Acq: 17 Sep 2018 13:24

Instrument :
 BNA_F
 ClientSampleID :
 RB47199RT

Tot Ion:149 Resp: 34807
 Ion Ratio Lower Upper
 149 100
 167 30.0 21.3 31.9
 279 4.9 3.0 4.4#

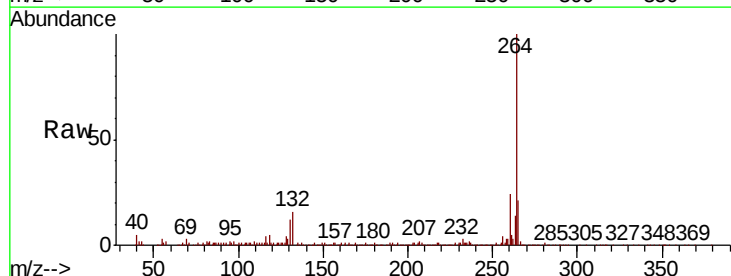


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF109044.D
 Acq: 17 Sep 2018 13:24

Tgt Ion:264 Resp: 285952
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 20.6 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

