

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109102.D
 Acq On : 18 Sep 2018 18:14
 Operator : JU/SJ
 Sample : J4948-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB44766RT

Quant Time: Sep 19 04:41:11 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

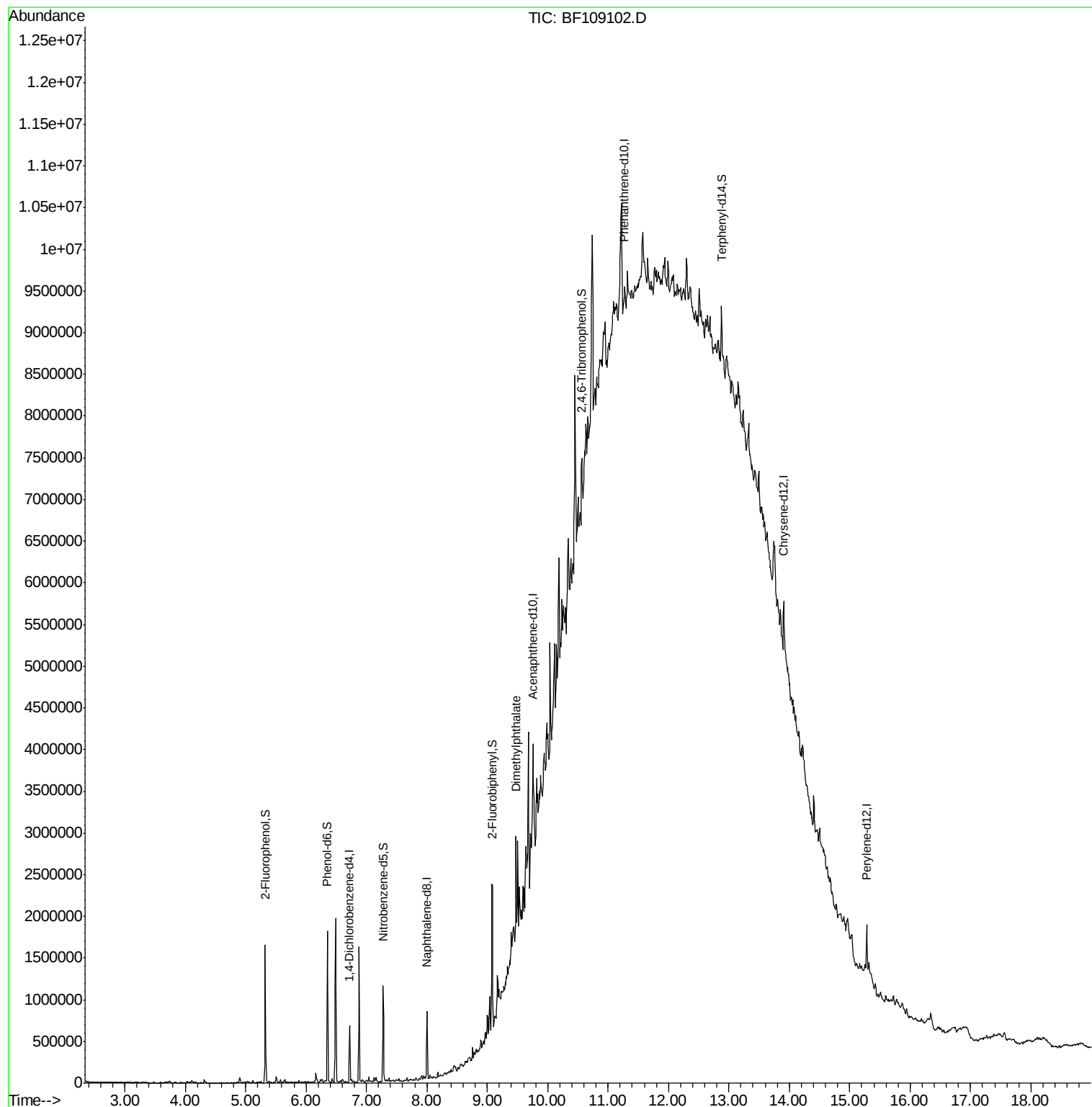
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	101150	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	330459	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	111258	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	124535	20.00	ng	0.04
75) Chrysene-d12	13.91	240	214158	20.00	ng	0.05
86) Perylene-d12	15.28	264	256163	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	485253	79.68	ng	0.00
7) Phenol-d6	6.35	99	592245	75.42	ng	0.00
23) Nitrobenzene-d5	7.28	82	332996	56.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	83926	69.51	ng	0.02
44) 2-Fluorobiphenyl	9.08	172	521928	73.50	ng	0.00
78) Terphenyl-d14	12.87	244	345539	38.24	ng	0.06
Target Compounds						
49) Dimethylphthalate	9.47	163	77068	9.692	ng	Qvalue # 77

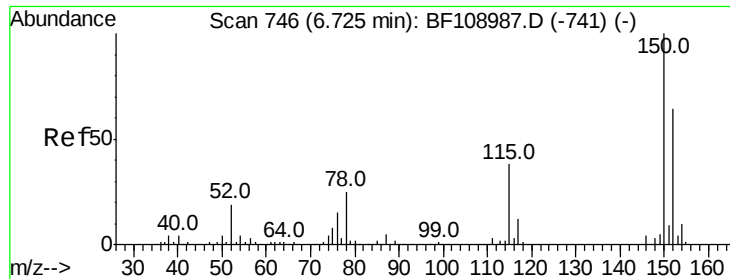
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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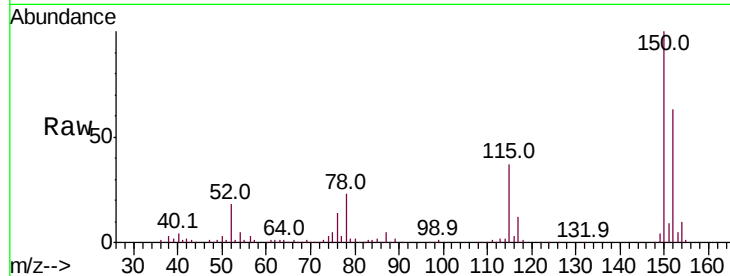


#1

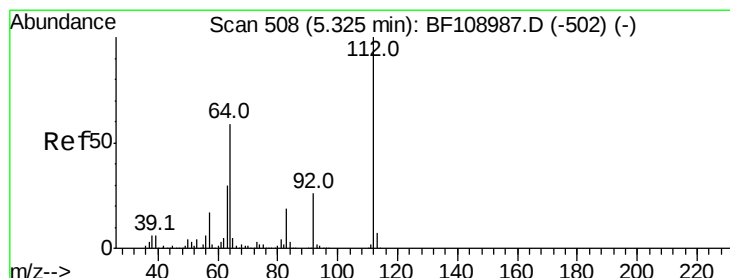
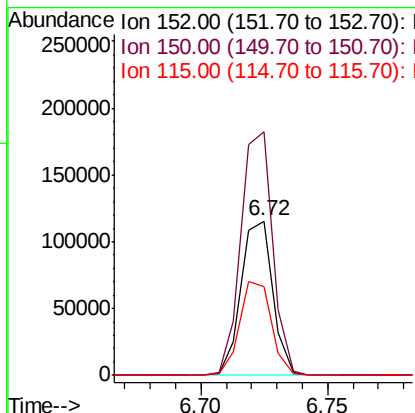
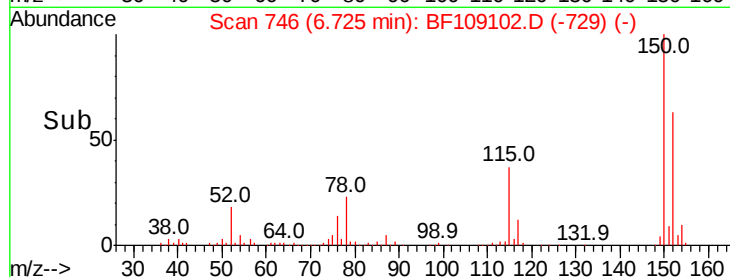
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF109102.D
Acq: 18 Sep 2018 18:14

Instrument :
BNA_F
ClientSampleId :
RB44766RT

Tot Ion:152 Resp: 101150
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 57.8 50.1 75.1



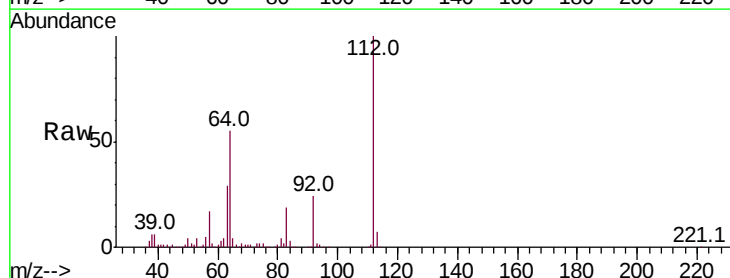
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



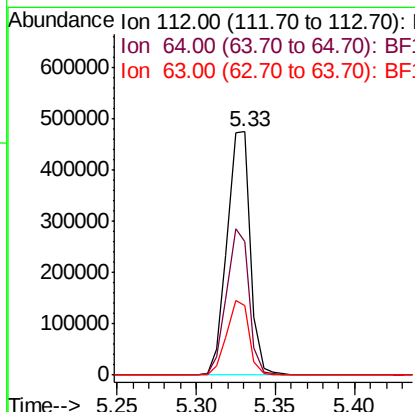
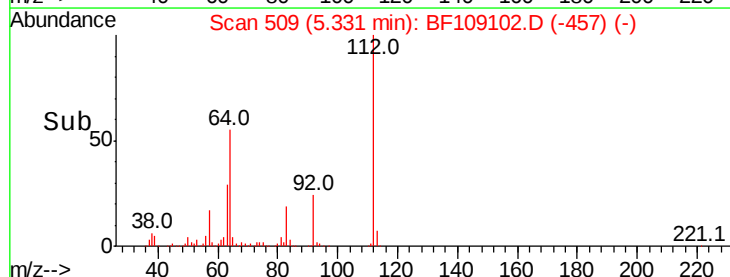
#5

2-Fluorophenol
Concen: 79.679 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109102.D
Acq: 18 Sep 2018 18:14

Tgt Ion:112 Resp: 485253
Ion Ratio Lower Upper
112 100
64 55.0 47.9 71.9
63 28.7 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: 75.417 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109102.D

Acq: 18 Sep 2018 18:14

Instrument :

BNA_F

ClientSampleId :

RB44766RT

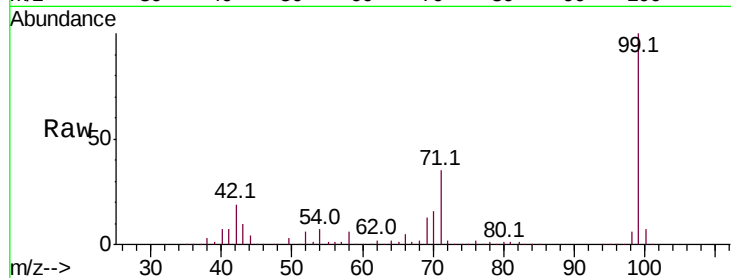
Tot Ion: 99 Resp: 592245

Ion Ratio Lower Upper

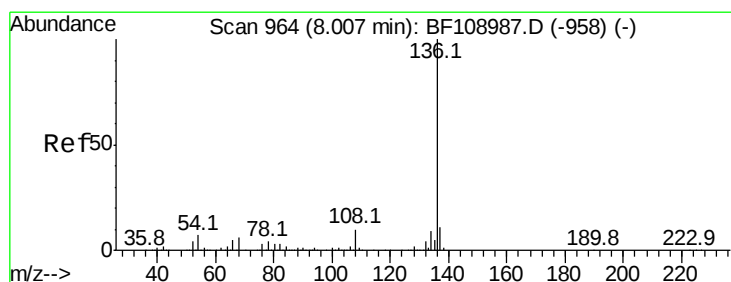
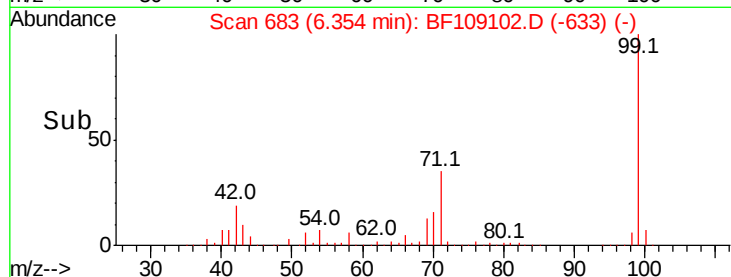
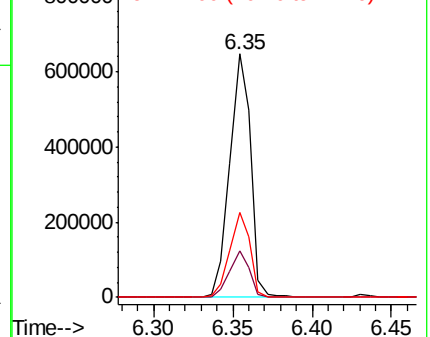
99 100

42 19.3 14.5 21.7

71 34.9 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: BF109102.D

Acq: 18 Sep 2018 18:14

Tgt Ion: 136 Resp: 330459

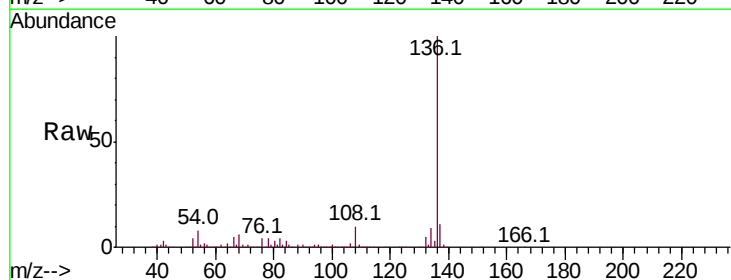
Ion Ratio Lower Upper

136 100

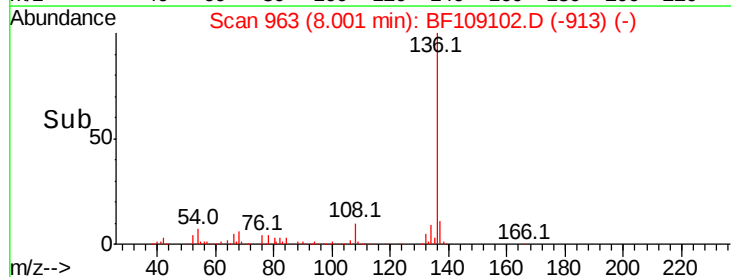
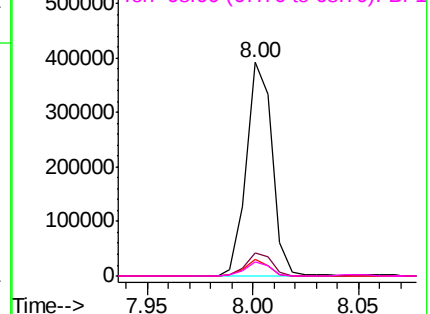
137 11.1 8.9 13.3

54 7.6 6.6 9.8

68 6.4 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

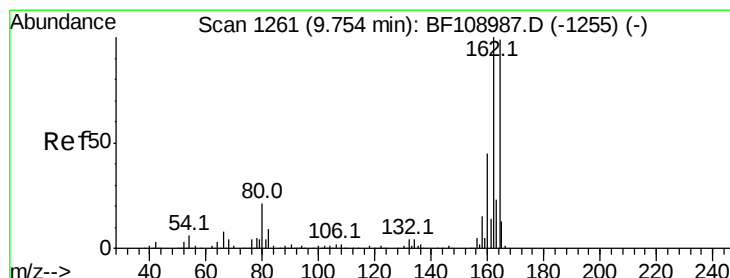
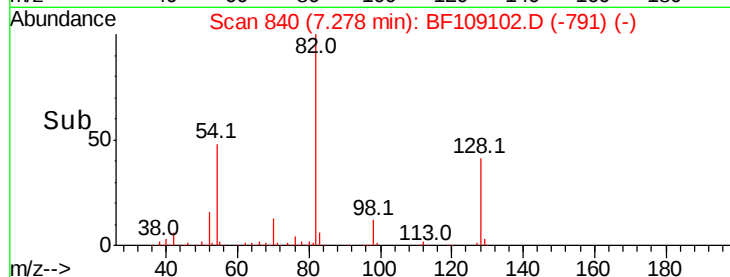
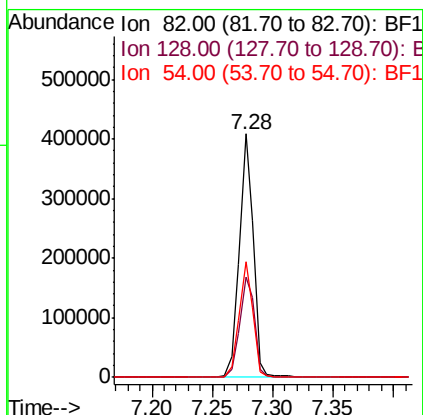
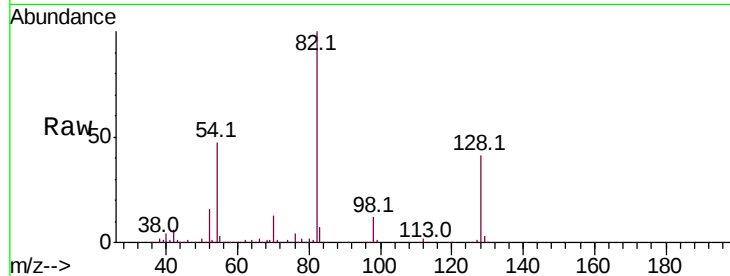




#23
 Nitrobenzene-d5
 Concen: 56.519 ng
 RT: 7.28 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF109102.D
 Acq: 18 Sep 2018 18:14

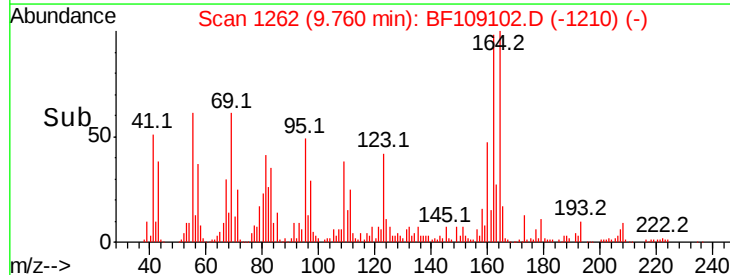
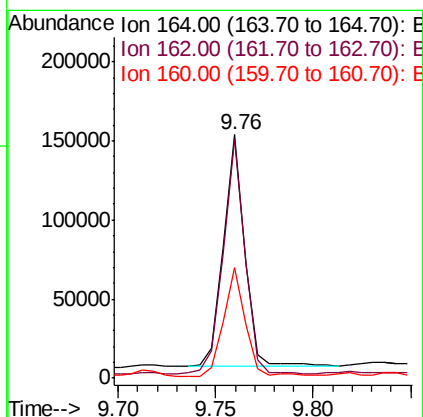
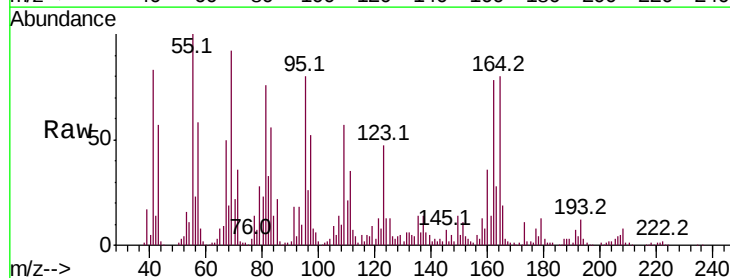
Instrument :
 BNA_F
 ClientSampled :
 RB44766RT

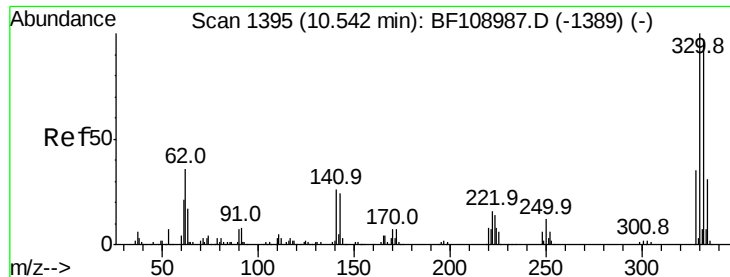
Tot Ion	82	Resp	332996
Ion	Ratio	Lower	Upper
82	100		
128	41.1	36.1	54.1
54	47.5	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. 0.01 min
 Lab File: BF109102.D
 Acq: 18 Sep 2018 18:14

Tgt Ion	164	Resp	111258
Ion	Ratio	Lower	Upper
164	100		
162	97.8	86.1	129.1
160	45.4	38.3	57.5

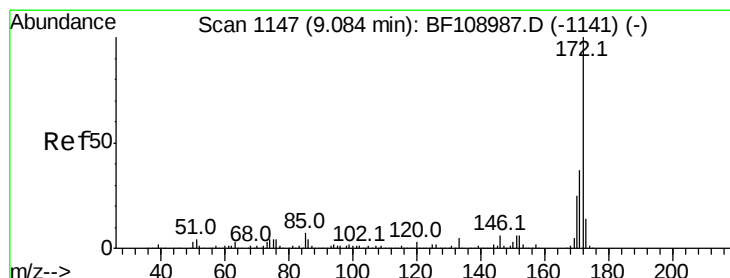
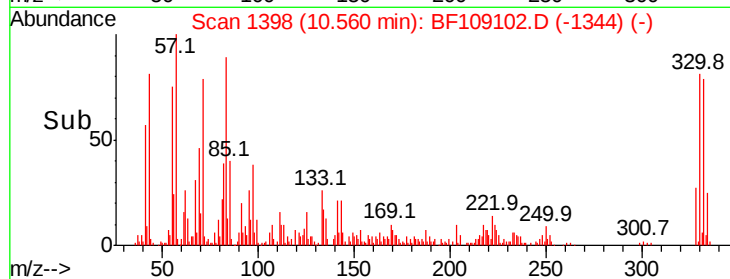
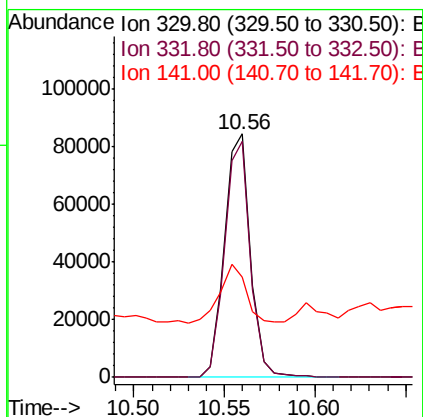
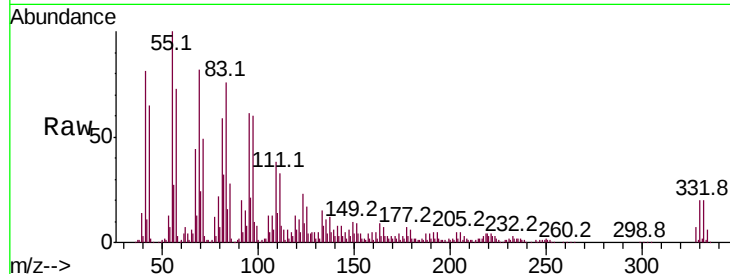




#41
 2,4,6-Tribromophenol
 Concen: 69.507 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.02 min
 Lab File: BF109102.D
 Acq: 18 Sep 2018 18:14

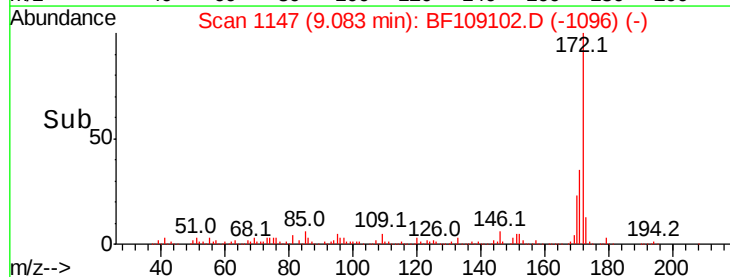
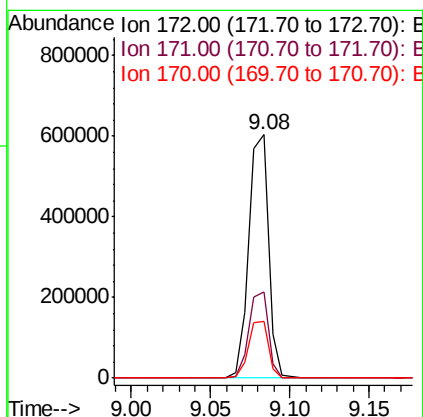
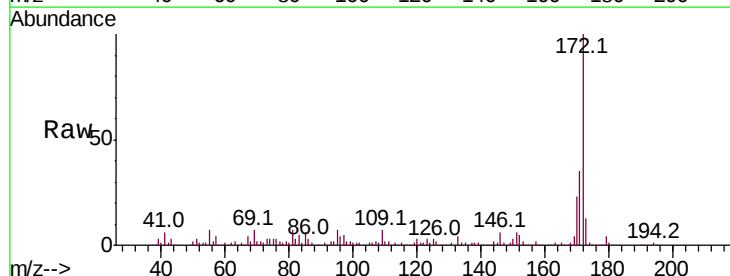
Instrument :
 BNA_F
 ClientSampleId :
 RB44766RT

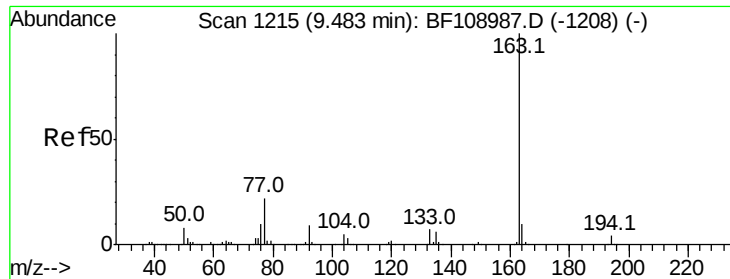
Tot Ion:330 Resp: 83926
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 24.9 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 73.498 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109102.D
 Acq: 18 Sep 2018 18:14

Tgt Ion:172 Resp: 521928
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.3 19.6 29.4





#49

Dimethylphthalate

Concen: 9.692 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF109102.D

Acq: 18 Sep 2018 18:14

Instrument :

BNA_F

ClientSampleId :

RB44766RT

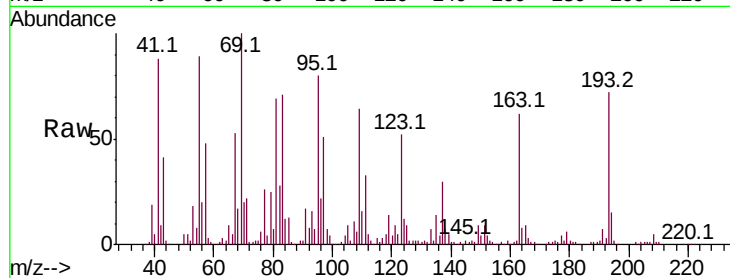
Tot Ion:163 Resp: 77068

Ion Ratio Lower Upper

163 100

194 24.6 2.7 4.1#

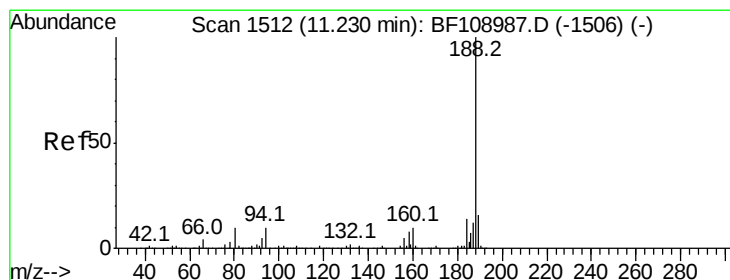
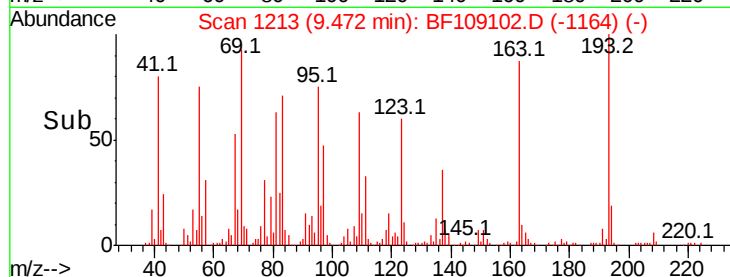
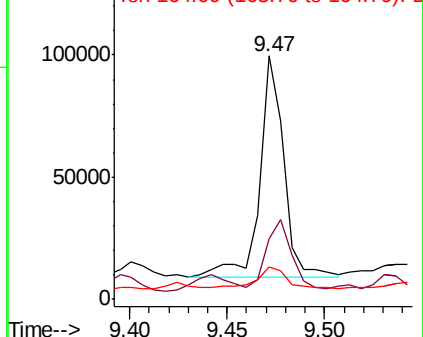
164 13.5 8.2 12.2#



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: 11.27 min Scan# 1519

Delta R.T. 0.04 min

Lab File: BF109102.D

Acq: 18 Sep 2018 18:14

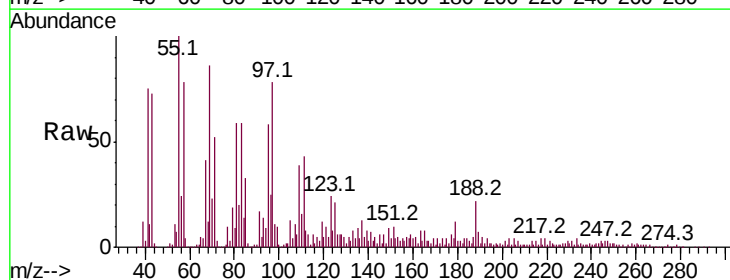
Tgt Ion:188 Resp: 124535

Ion Ratio Lower Upper

188 100

94 41.0 8.5 12.7#

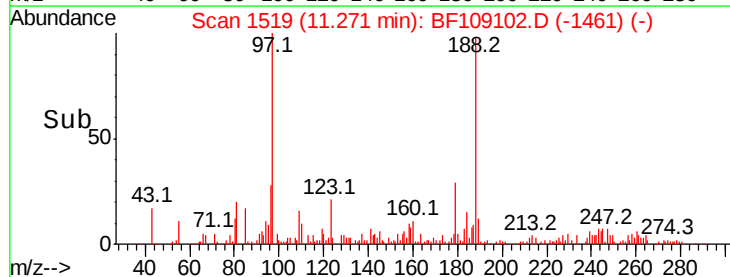
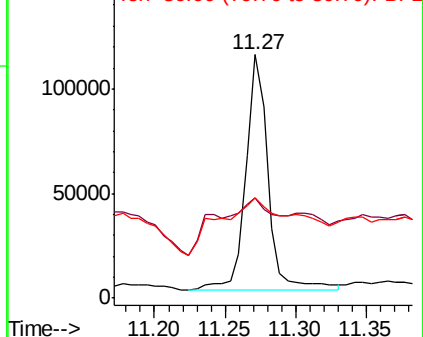
80 41.4 9.2 13.8#

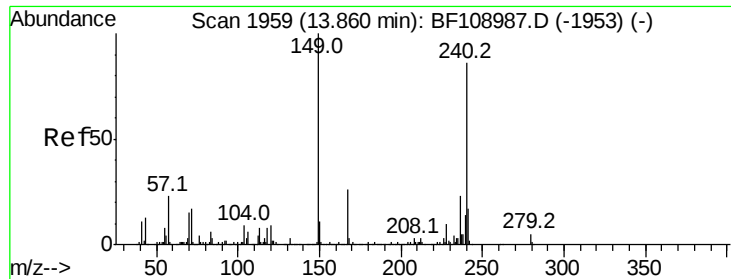


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.91 min Scan# 1967

Delta R.T. 0.05 min

Lab File: BF109102.D

Acq: 18 Sep 2018 18:14

Instrument :

BNA_F

ClientSampleId :

RB44766RT

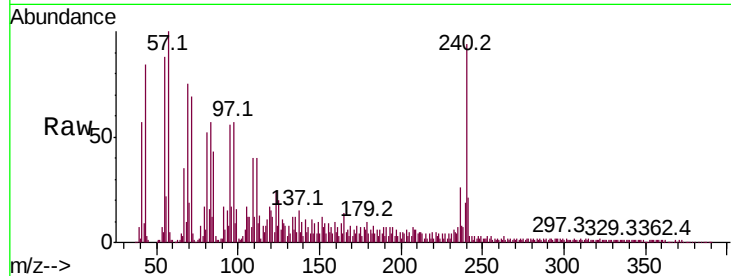
Tot Ion:240 Resp: 214158

Ion Ratio Lower Upper

240 100

120 16.4 9.5 14.3#

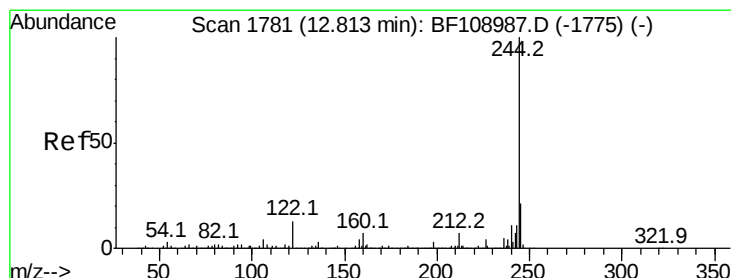
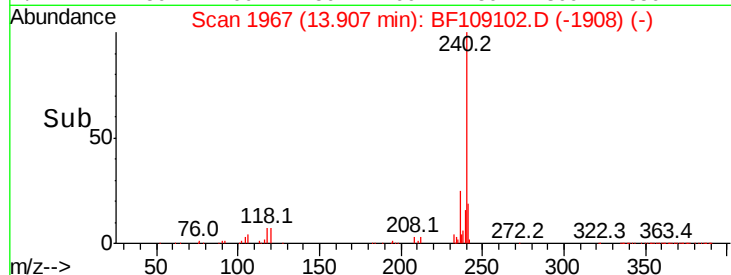
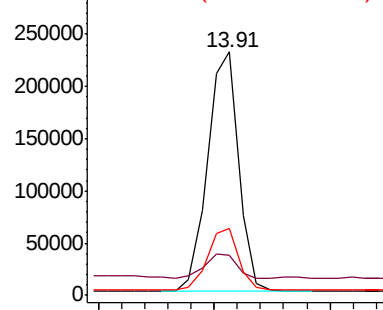
236 27.4 20.7 31.1



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: 38.244 ng

RT: 12.87 min Scan# 1791

Delta R.T. 0.06 min

Lab File: BF109102.D

Acq: 18 Sep 2018 18:14

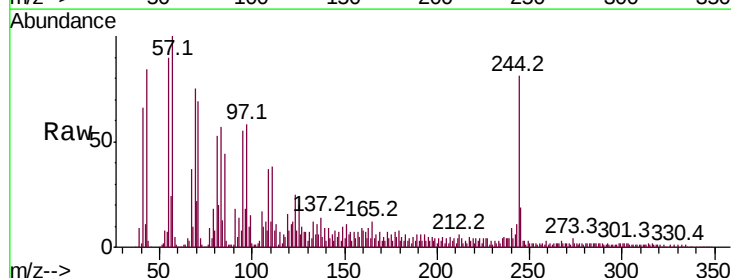
Tgt Ion:244 Resp: 345539

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

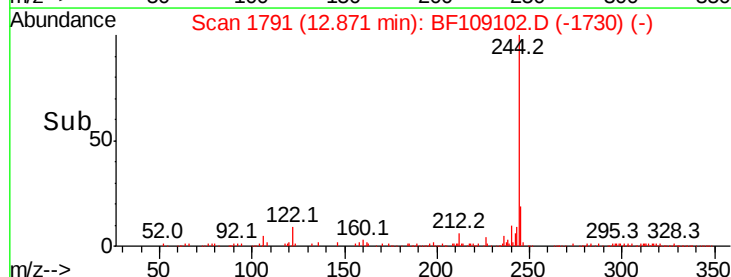
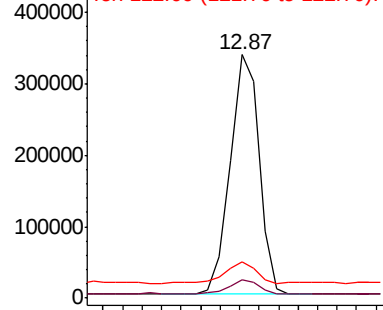
122 15.1 11.0 16.4

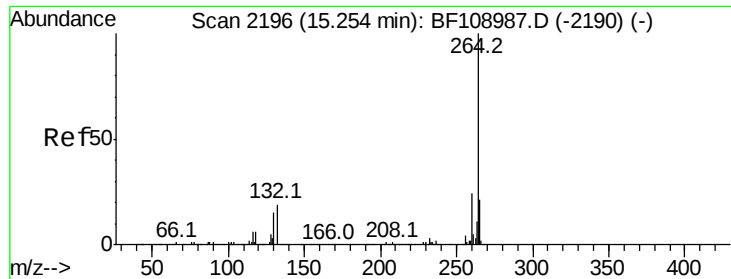


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2201
Delta R.T. 0.03 min
Lab File: BF109102.D
Acq: 18 Sep 2018 18:14

Instrument :
BNA_F
ClientSampleId :
RB44766RT

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.8	17.5	26.3

