

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109071.D
 Acq On : 18 Sep 2018 2:38
 Operator : JU/SJ
 Sample : J4936-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHASE-3

Quant Time: Sep 18 05:50:48 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

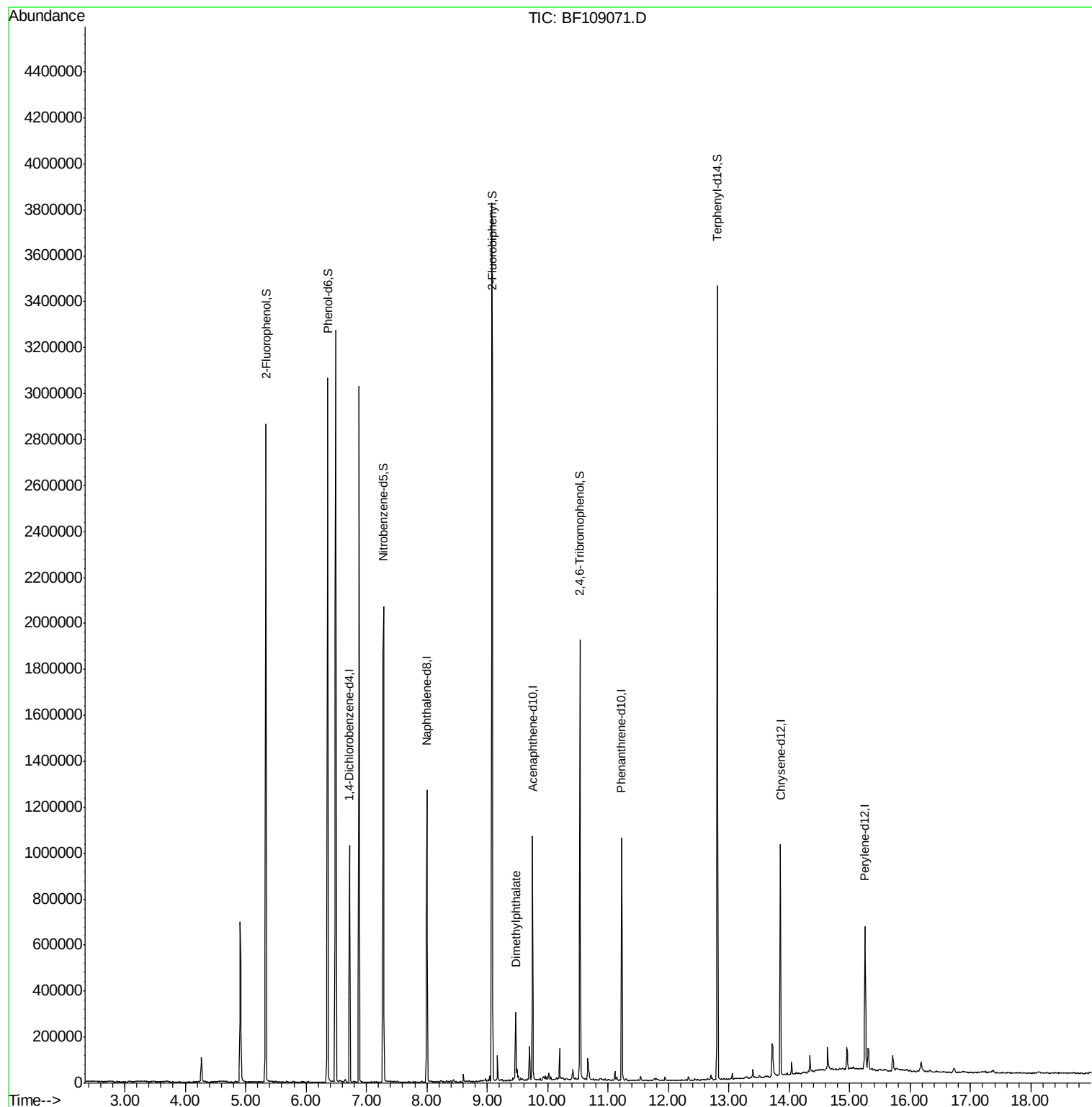
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	142341	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	498417	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	209177	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	388810	20.00	ng	0.00
75) Chrysene-d12	13.85	240	346560	20.00	ng	0.00
86) Perylene-d12	15.25	264	276073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	844103	98.49	ng	0.01
7) Phenol-d6	6.36	99	1107111	100.18	ng	0.00
23) Nitrobenzene-d5	7.28	82	700031	78.78	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	232106	102.24	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1178624	88.28	ng	0.00
78) Terphenyl-d14	12.81	244	1114250	76.21	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	117649	7.869	ng	Qvalue 98

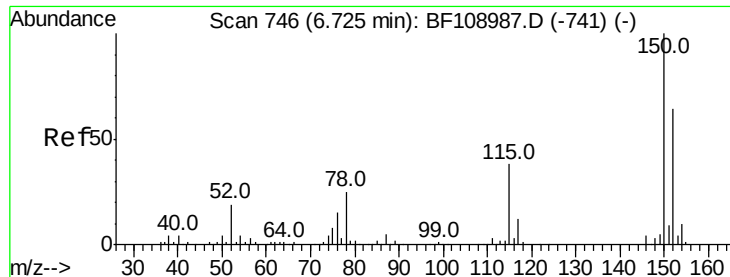
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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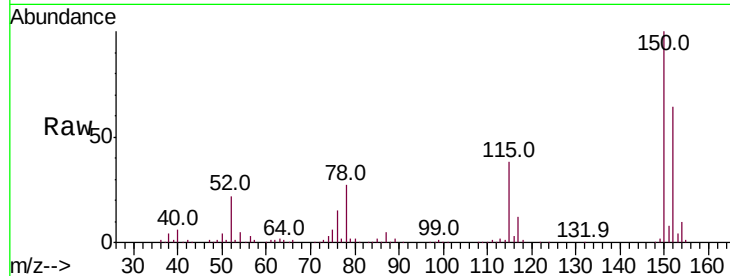


#1

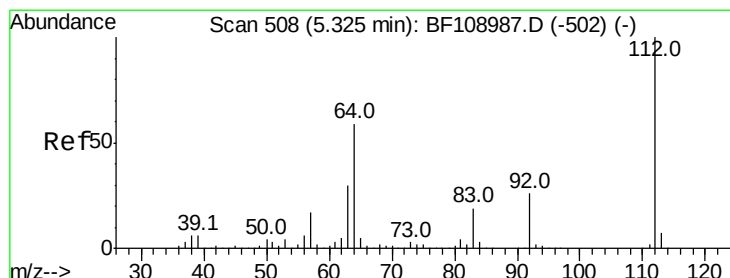
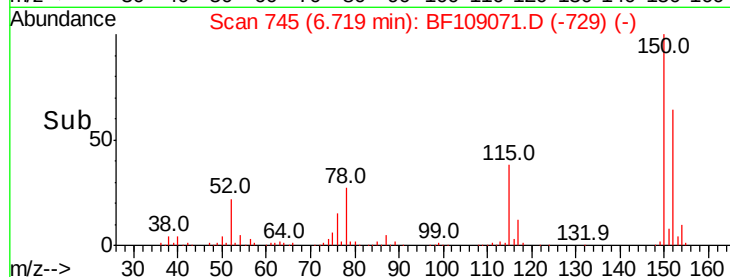
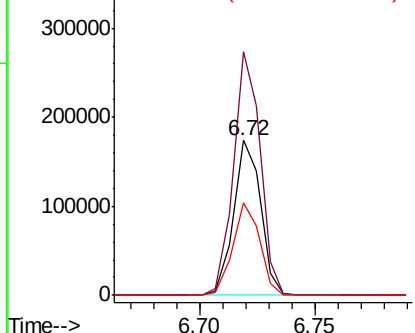
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109071.D
 Acq: 18 Sep 2018 2:38

Instrument :
 BNA_F
 ClientSampleId :
 PHASE-3

Tot Ion:152 Resp: 142341
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.6 186.8
 115 59.7 50.1 75.1



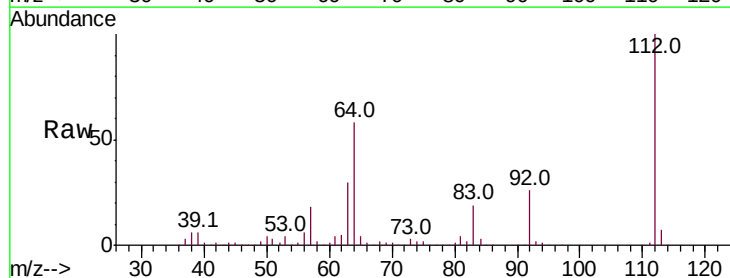
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



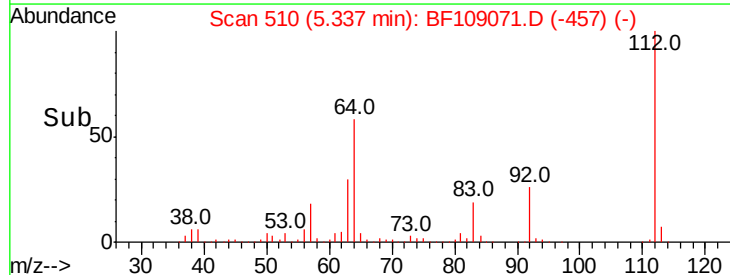
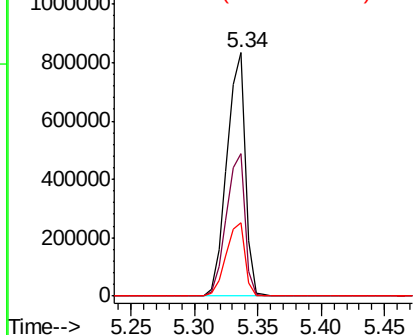
#5

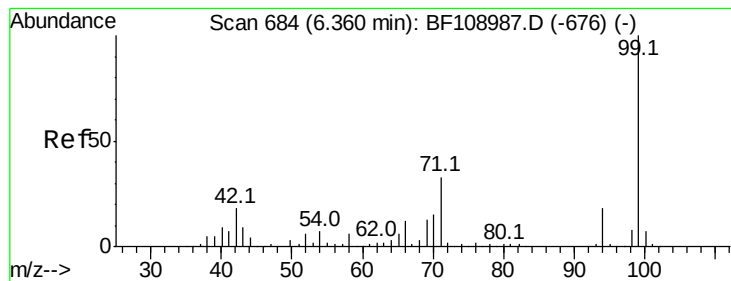
2-Fluorophenol
 Concen: 98.493 ng
 RT: 5.34 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF109071.D
 Acq: 18 Sep 2018 2:38

Tgt Ion:112 Resp: 844103
 Ion Ratio Lower Upper
 112 100
 64 58.4 47.9 71.9
 63 30.4 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: 100.183 ng

RT: 6.36 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF109071.D

Acq: 18 Sep 2018 2:38

Instrument :

BNA_F

ClientSampled :

PHASE-3

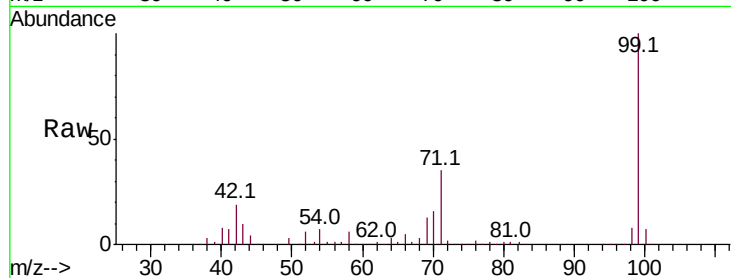
Tot Ion: 99 Resp: 1107111

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	35.2	25.4	38.0

99 100

42 19.2 14.5 21.7

71 35.2 25.4 38.0

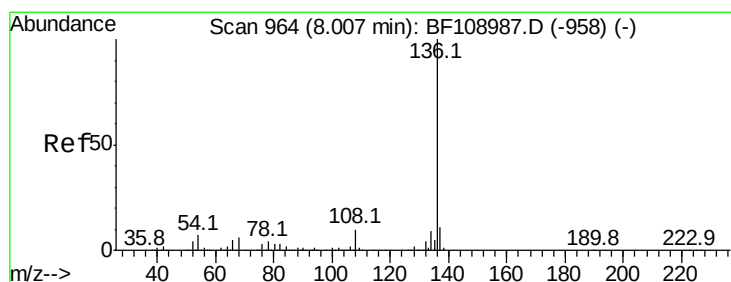
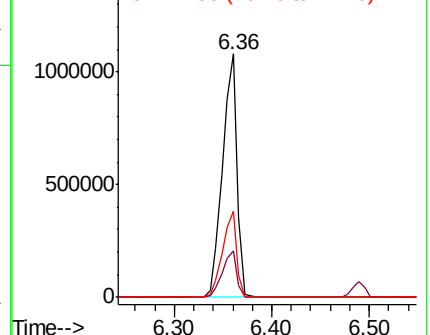
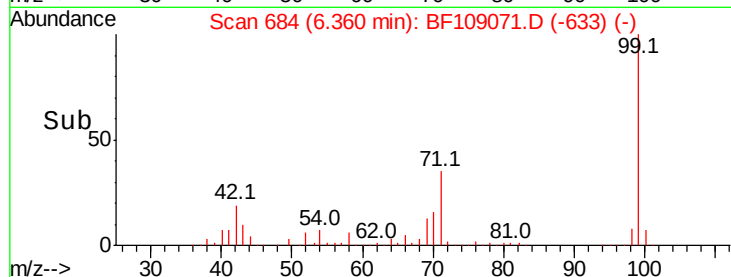


Abundance

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: BF109071.D

Acq: 18 Sep 2018 2:38

Tgt Ion: 136 Resp: 498417

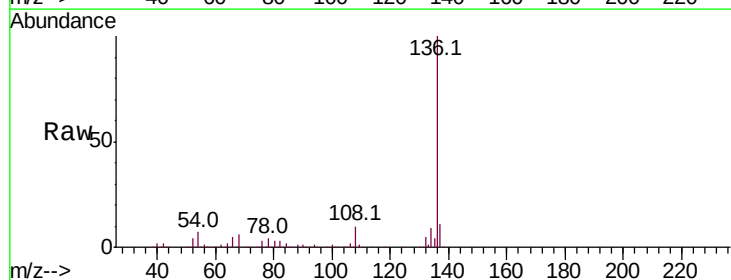
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	6.2	5.0	7.4

136 100

137 11.0 8.9 13.3

54 7.4 6.6 9.8

68 6.2 5.0 7.4



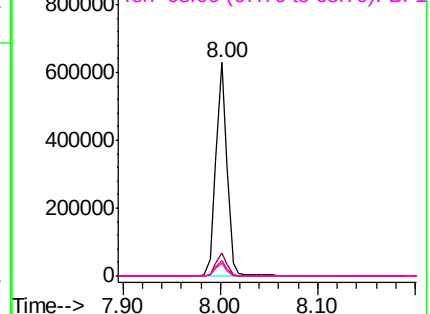
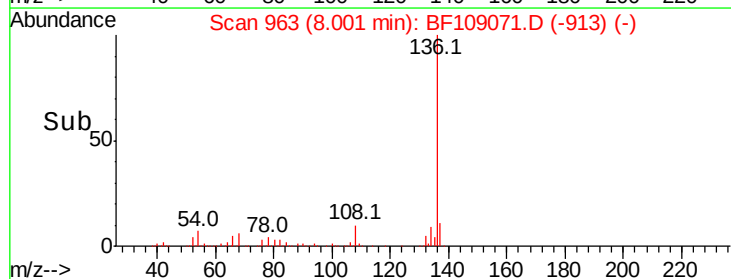
Abundance

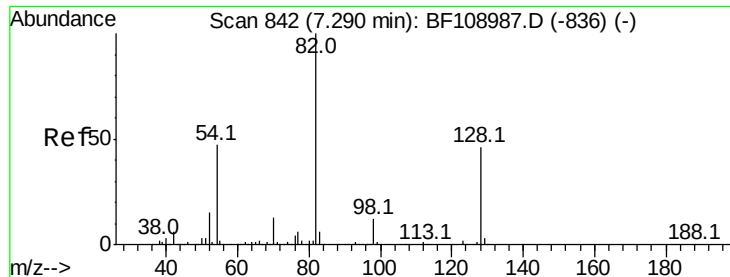
Ion 136.00 (135.70 to 136.70): E

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

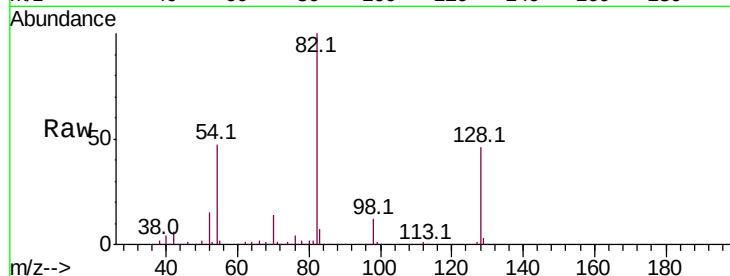




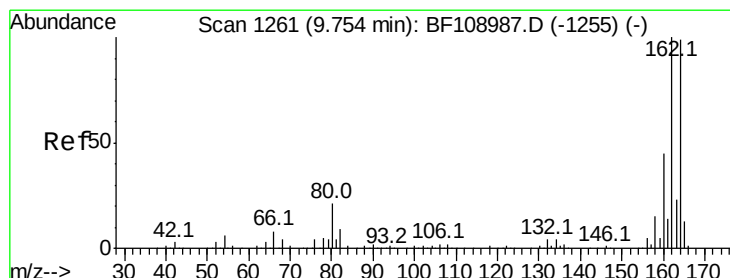
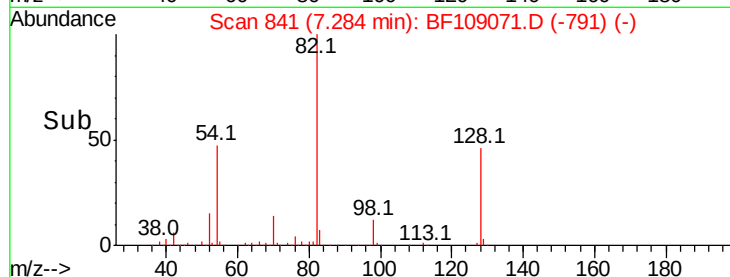
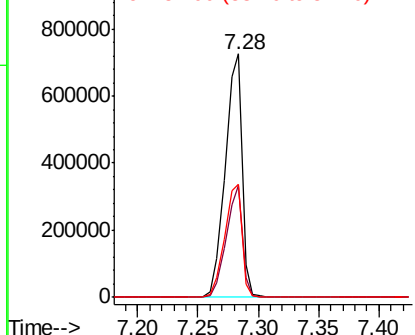
#23
 Nitrobenzene-d5
 Concen: 78.776 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109071.D
 Acq: 18 Sep 2018 2:38

Instrument :
 BNA_F
 ClientSampled :
 PHASE-3

Tot Ion	82	Resp	700031
Ion Ratio	Lower	Upper	
82	100		
128	45.7	36.1	54.1
54	46.6	41.4	62.2

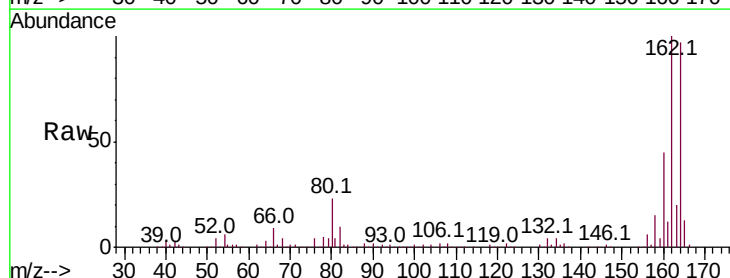


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

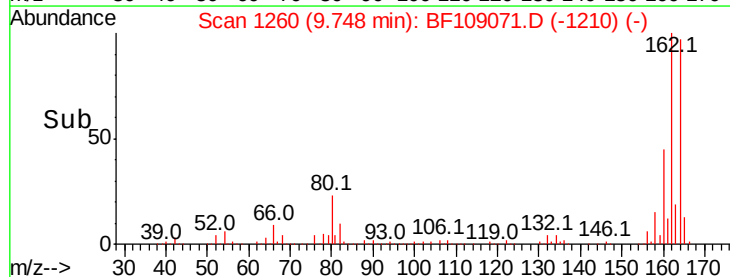
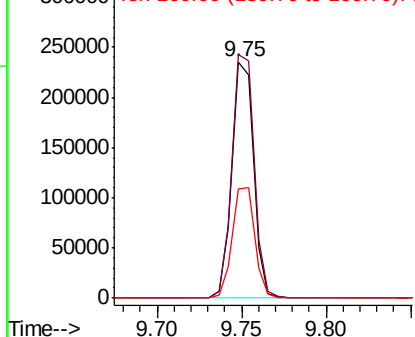


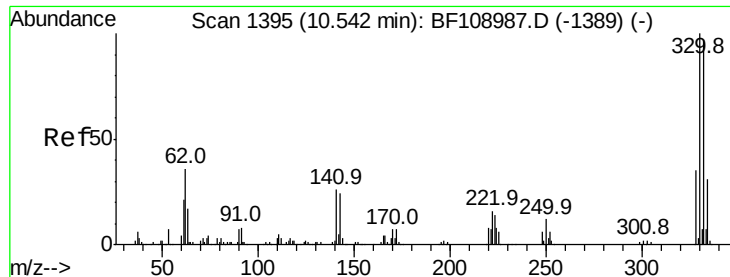
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109071.D
 Acq: 18 Sep 2018 2:38

Tgt Ion	164	Resp	209177
Ion Ratio	Lower	Upper	
164	100		
162	103.1	86.1	129.1
160	46.2	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

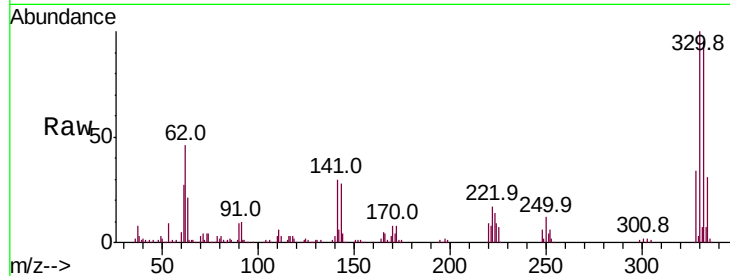




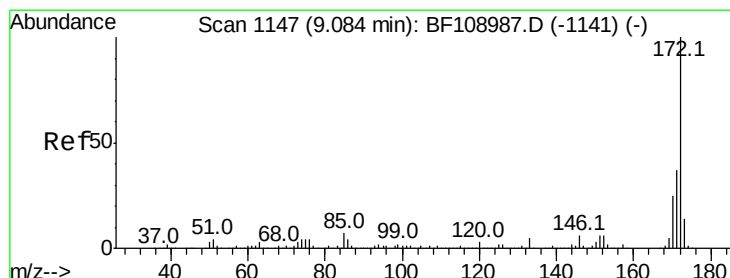
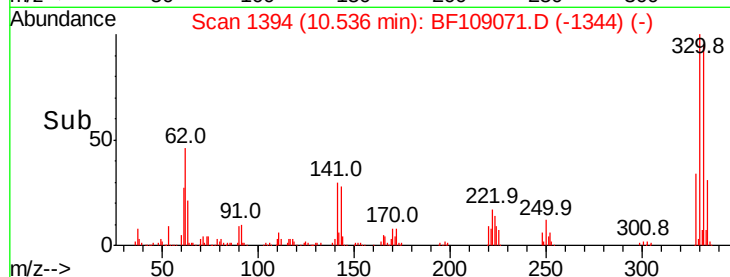
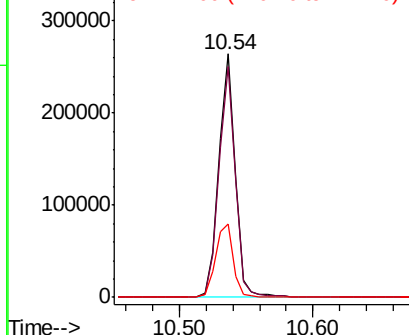
#41
 2,4,6-Tribromophenol
 Concen: 102.244 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109071.D
 Acq: 18 Sep 2018 2:38

Instrument :
 BNA_F
 ClientSampleId :
 PHASE-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	32.6	29.9	44.9

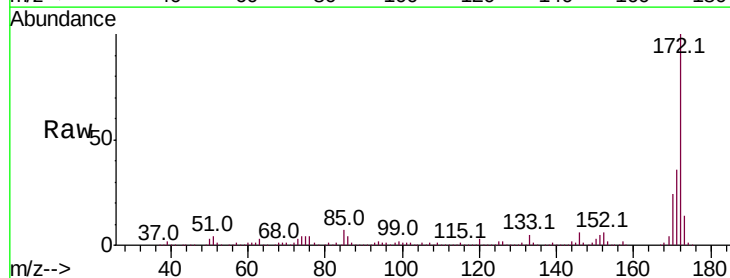


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

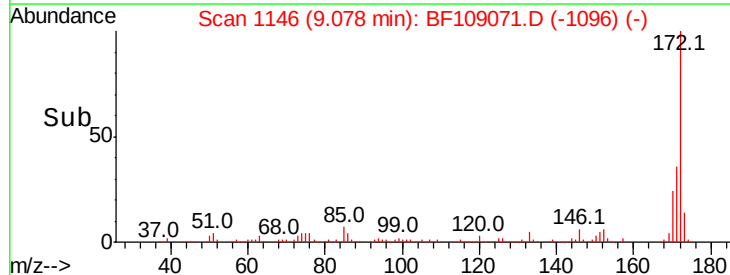
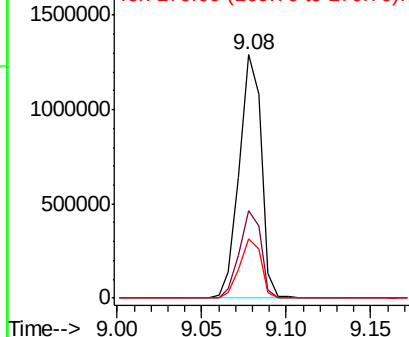


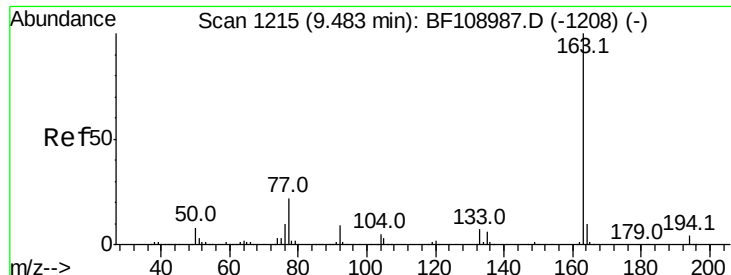
#44
 2-Fluorobiphenyl
 Concen: 88.279 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109071.D
 Acq: 18 Sep 2018 2:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	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: 7.869 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF109071.D

Acq: 18 Sep 2018 2:38

Instrument :

BNA_F

ClientSampleId :

PHASE-3

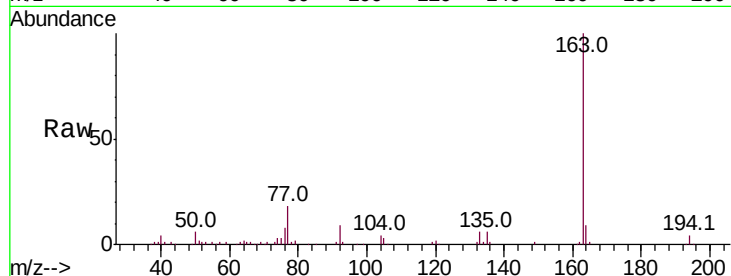
Tot Ion:163 Resp: 117649

Ion Ratio Lower Upper

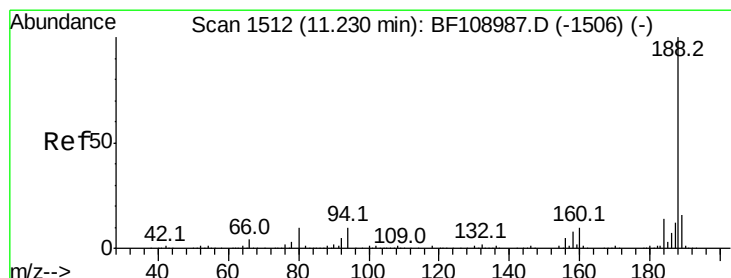
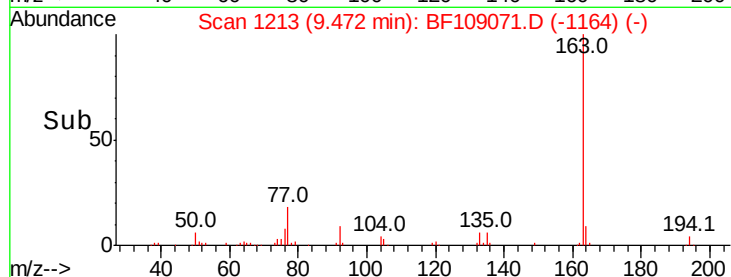
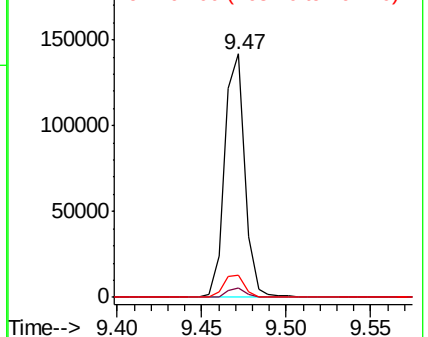
163 100

194 4.0 2.7 4.1

164 9.3 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: BF109071.D

Acq: 18 Sep 2018 2:38

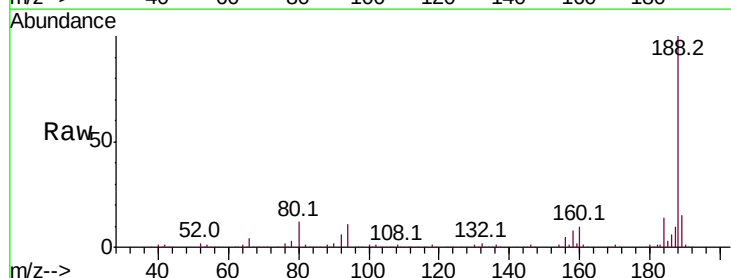
Tgt Ion:188 Resp: 388810

Ion Ratio Lower Upper

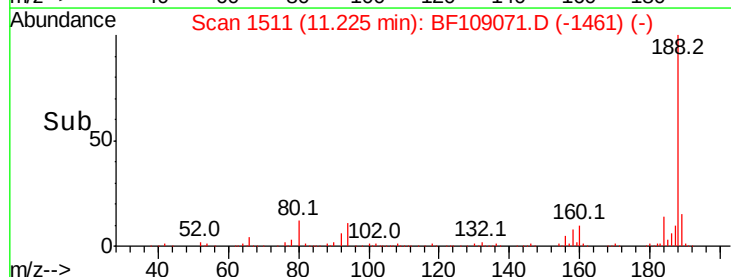
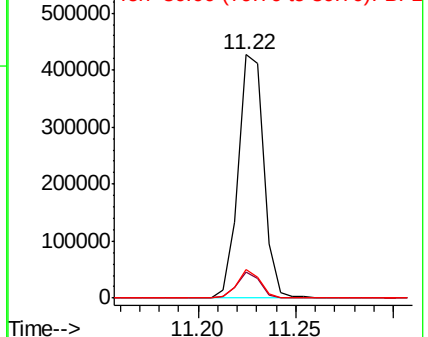
188 100

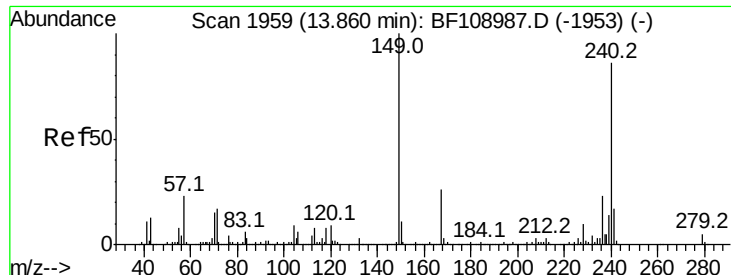
94 10.9 8.5 12.7

80 11.5 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: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109071.D

Acq: 18 Sep 2018 2:38

Instrument :

BNA_F

ClientSampled :

PHASE-3

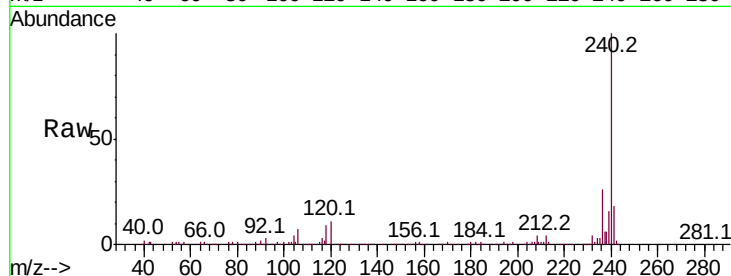
Tot Ion:240 Resp: 346560

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

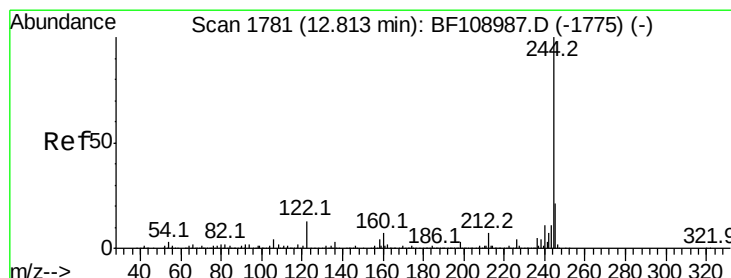
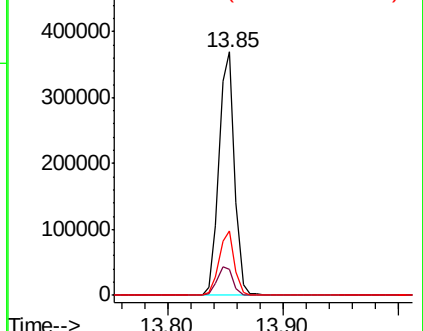
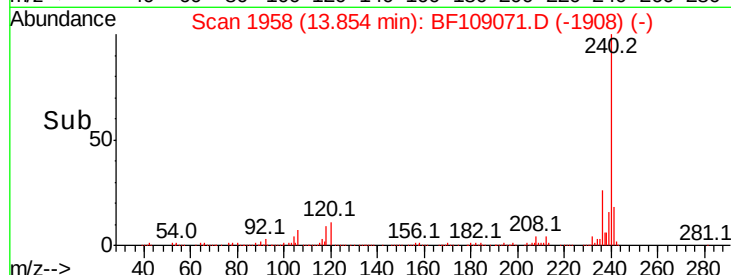
236 26.3 20.7 31.1



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



#78

Terphenyl-d14

Concen: 76.208 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109071.D

Acq: 18 Sep 2018 2:38

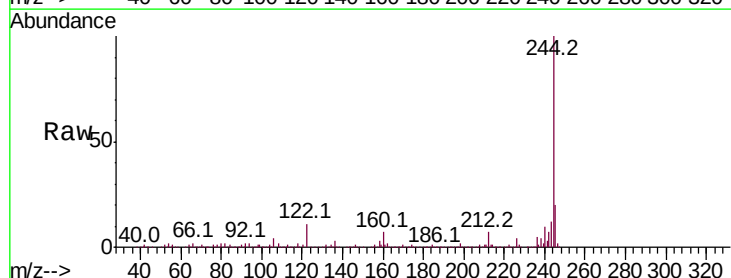
Tgt Ion:244 Resp: 1114250

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

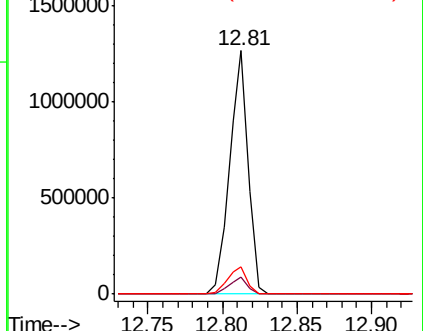
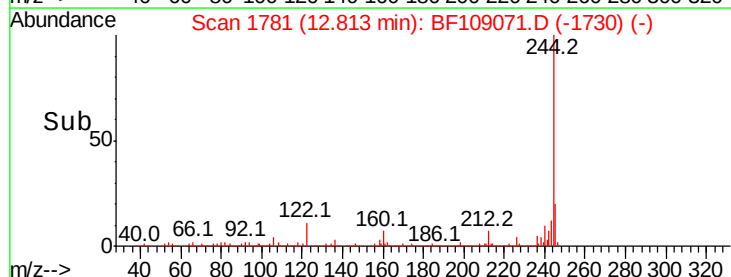
122 11.4 11.0 16.4

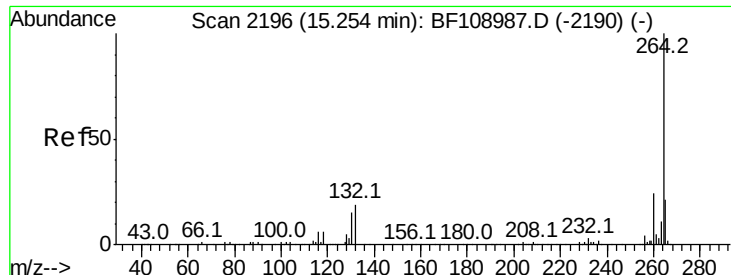


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

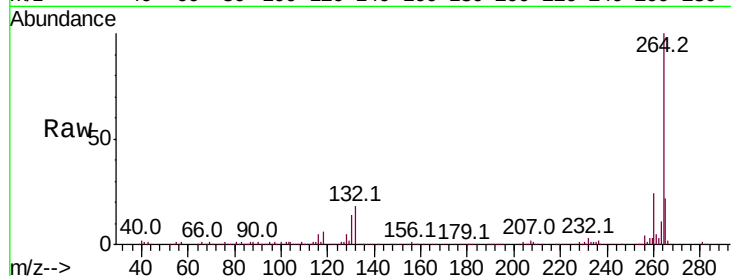




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF109071.D
Acq: 18 Sep 2018 2:38

Instrument :
BNA_F
ClientSampleId :
PHASE-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	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

