

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109042.D
 Acq On : 17 Sep 2018 12:31
 Operator : JU/SJ
 Sample : J4774-03 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-091418

Quant Time: Sep 17 14:31:05 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

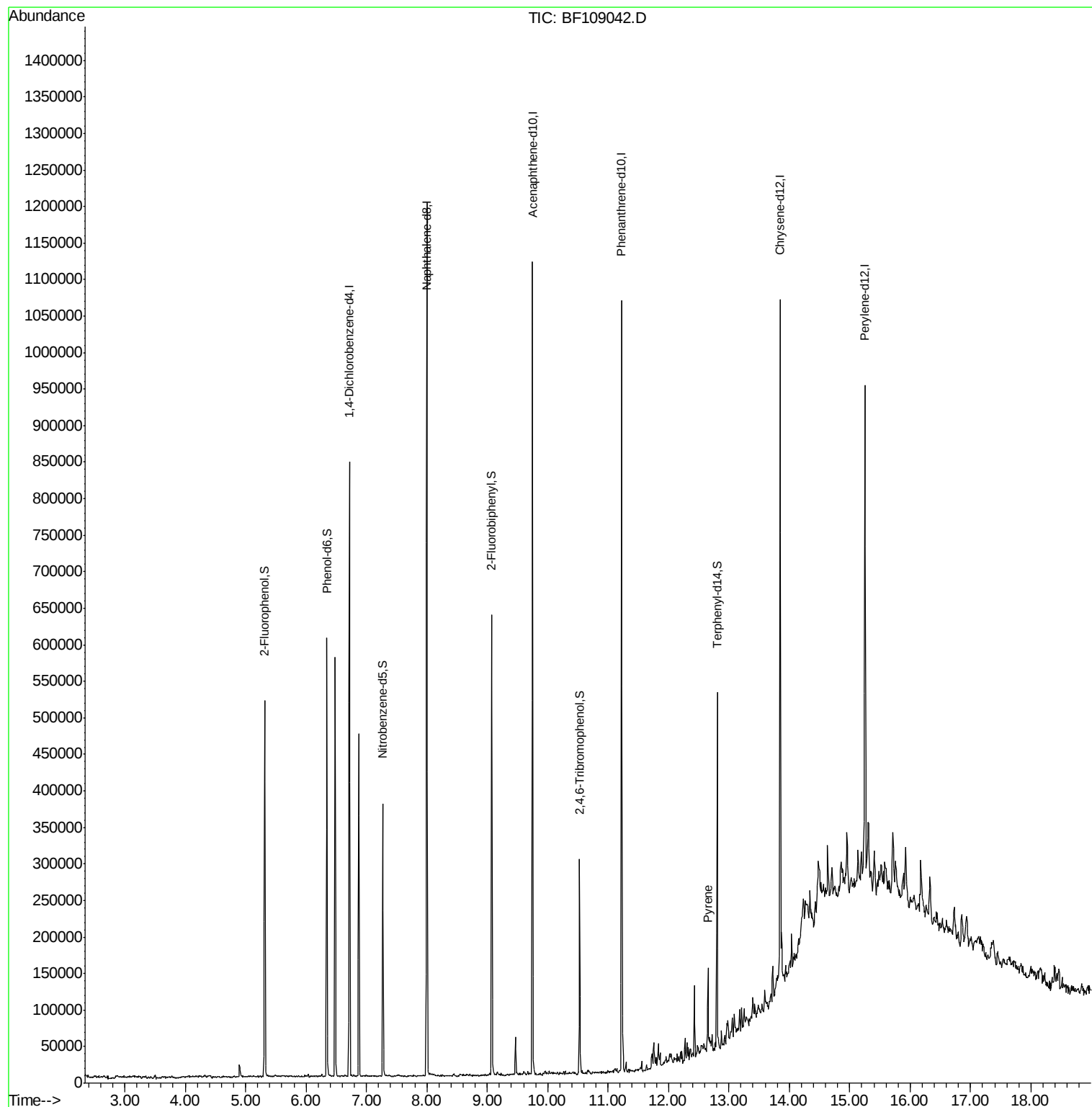
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	110285	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	447350	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	196377	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	345511	20.00	ng	0.00
75) Chrysene-d12	13.85	240	286882	20.00	ng	-0.01
86) Perylene-d12	15.25	264	293055	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	135752	20.44	ng	-0.01
7) Phenol-d6	6.34	99	168570	19.69	ng	-0.02
23) Nitrobenzene-d5	7.27	82	104679	13.12	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	34807	16.33	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	186435	14.87	ng	-0.01
78) Terphenyl-d14	12.81	244	158082	13.06	ng	0.00
Target Compounds						
77) Pyrene	12.65	202	44582	2.092	ng	Qvalue 97

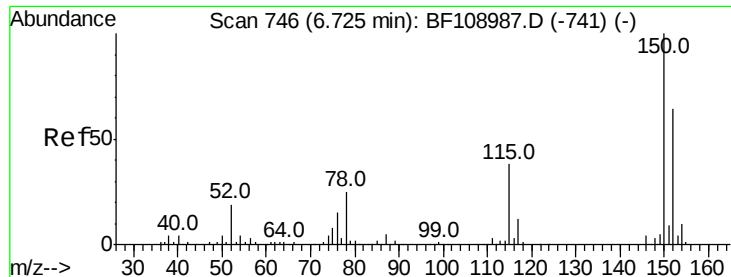
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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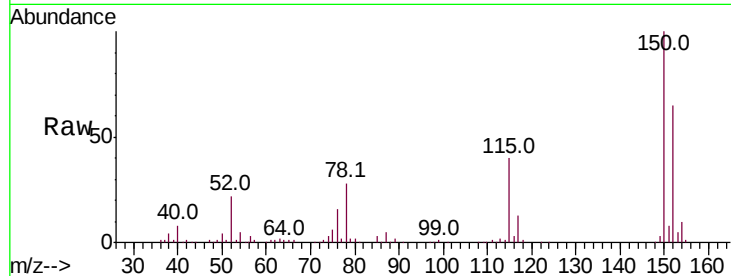


#1

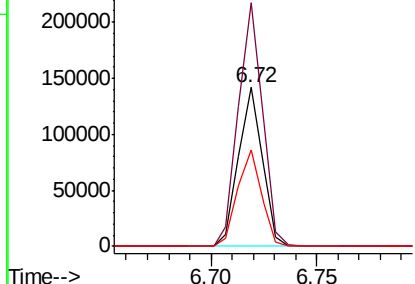
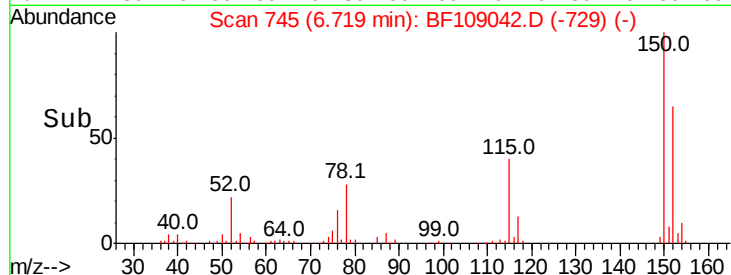
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109042.D
Acq: 17 Sep 2018 12:31

Instrument :
BNA_F
ClientSampleId :
OK-01-091418

Tot Ion:152 Resp: 110285
Ion Ratio Lower Upper
152 100
150 153.5 124.6 186.8
115 60.9 50.1 75.1



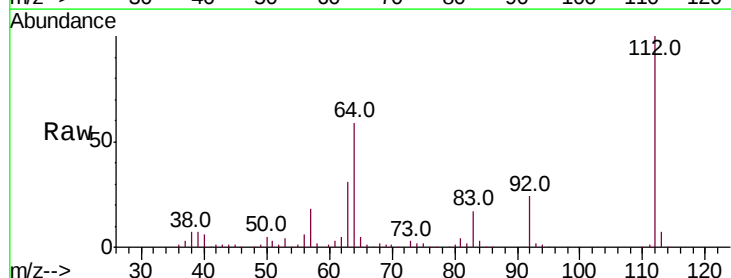
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



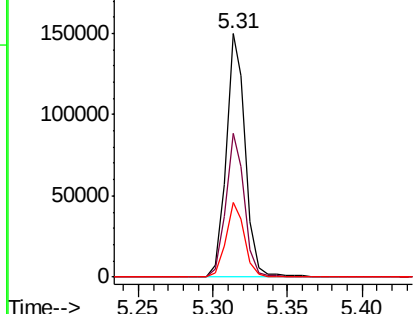
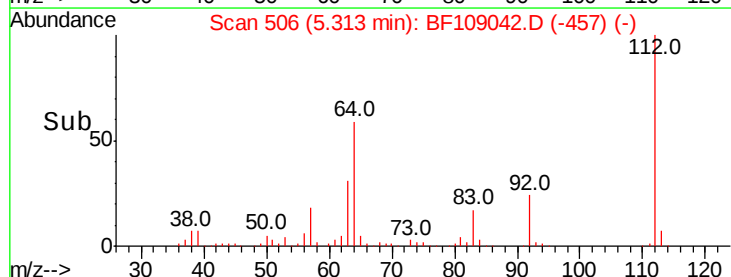
#5

2-Fluorophenol
Concen: 20.444 ng
RT: 5.31 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF109042.D
Acq: 17 Sep 2018 12:31

Tgt Ion:112 Resp: 135752
Ion Ratio Lower Upper
112 100
64 59.1 47.9 71.9
63 30.6 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: 19.688 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109042.D

Acq: 17 Sep 2018 12:31

Instrument :

BNA_F

ClientSampleId :

OK-01-091418

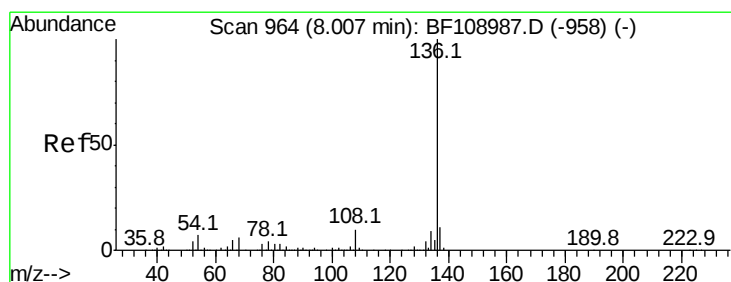
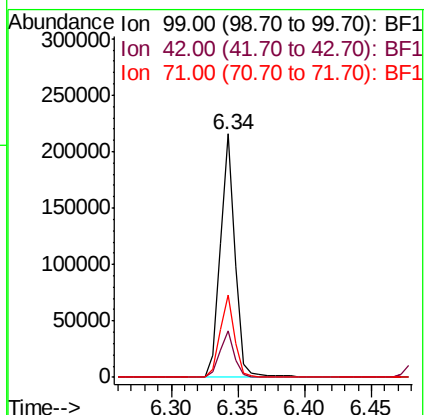
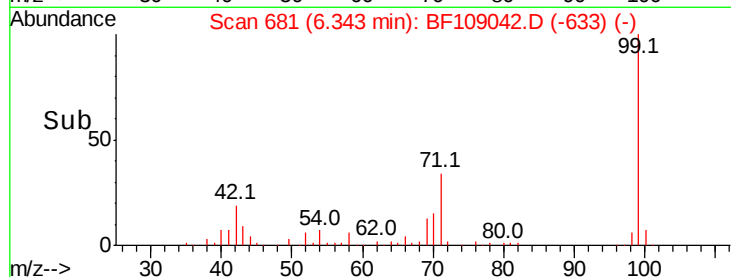
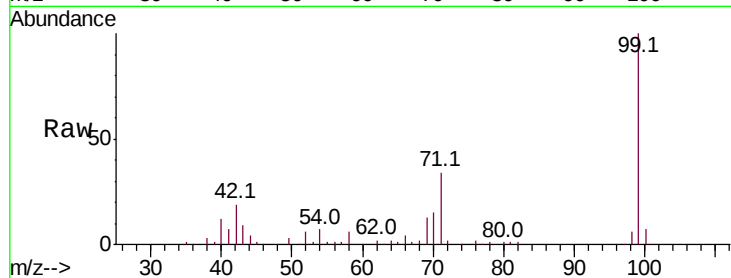
Tot Ion: 99 Resp: 168570

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 33.9 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109042.D

Acq: 17 Sep 2018 12:31

Tgt Ion: 136 Resp: 447350

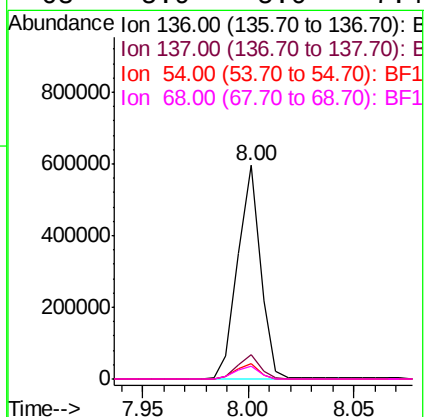
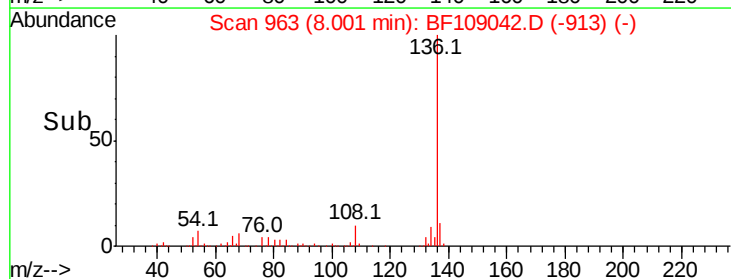
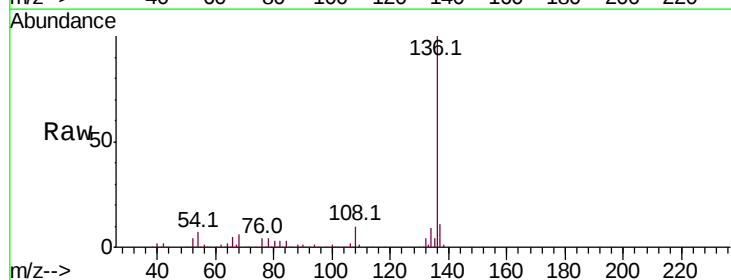
Ion Ratio Lower Upper

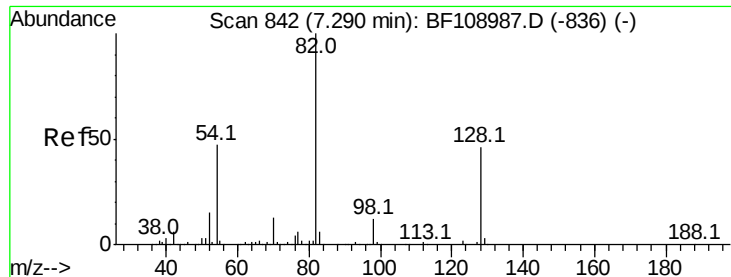
136 100

137 11.1 8.9 13.3

54 7.1 6.6 9.8

68 5.9 5.0 7.4

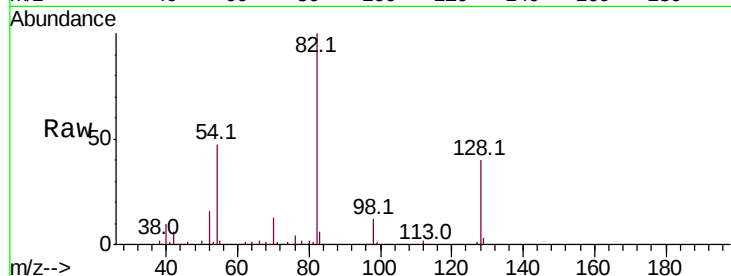




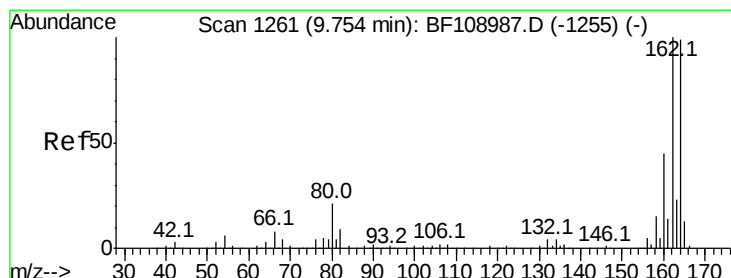
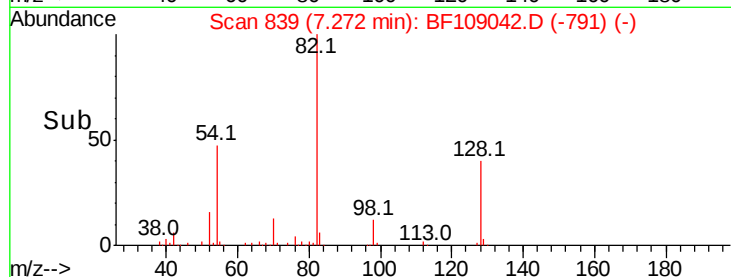
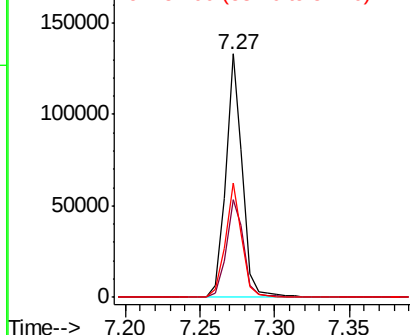
#23
Nitrobenzene-d5
Concen: 13.125 ng
RT: 7.27 min Scan# 839
Delta R.T. -0.02 min
Lab File: BF109042.D
Acq: 17 Sep 2018 12:31

Instrument :
BNA_F
ClientSampleId :
OK-01-091418

Tot Ion: 82 Resp: 104679
Ion Ratio Lower Upper
82 100
128 40.2 36.1 54.1
54 47.1 41.4 62.2

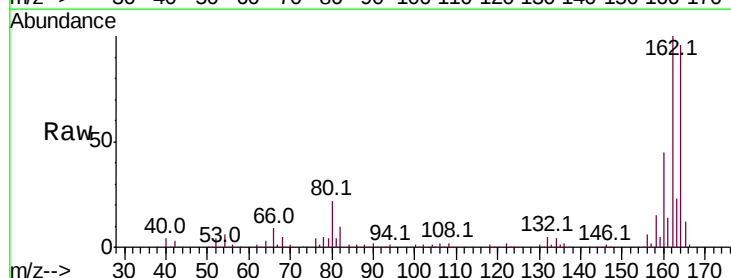


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

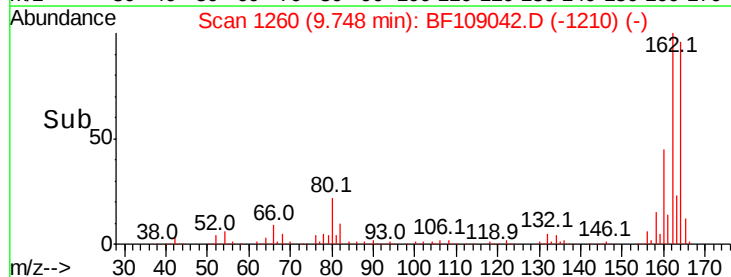
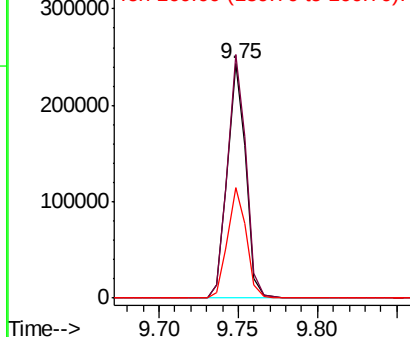


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109042.D
Acq: 17 Sep 2018 12:31

Tgt Ion:164 Resp: 196377
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 46.9 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

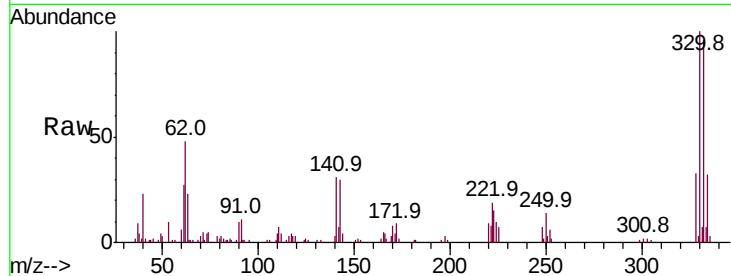




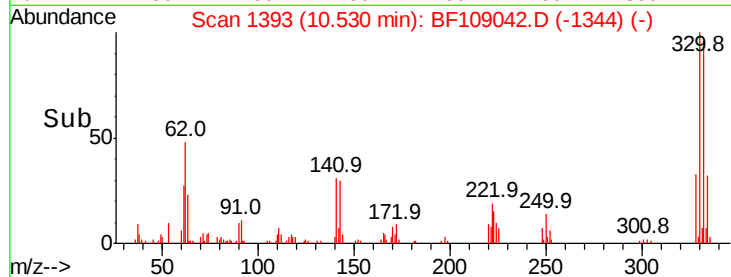
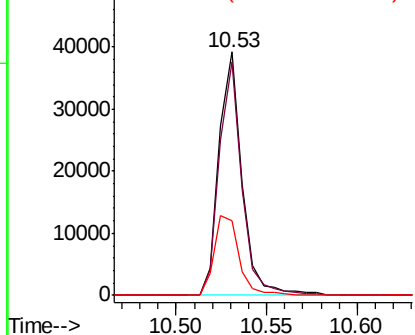
#41
 2,4,6-Tribromophenol
 Concen: 16.332 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109042.D
 Acq: 17 Sep 2018 12:31

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-091418

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	35.3	29.9	44.9

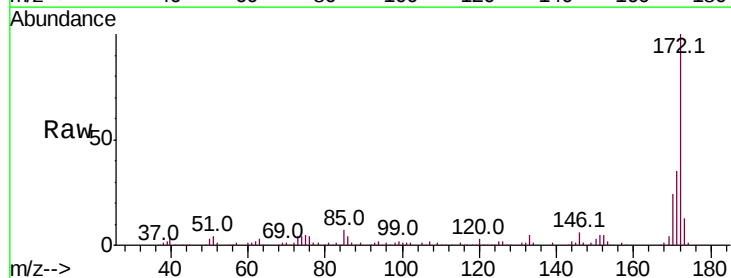


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

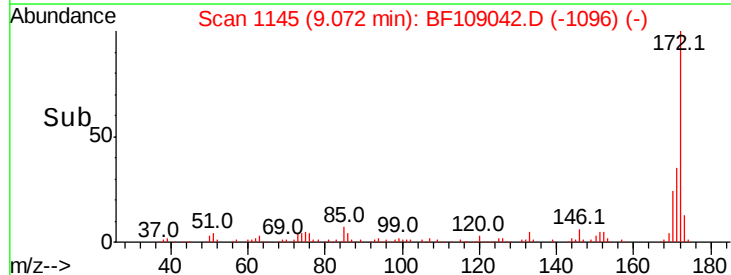
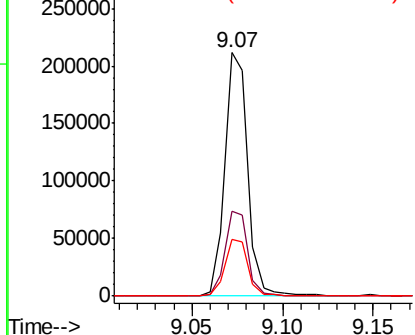


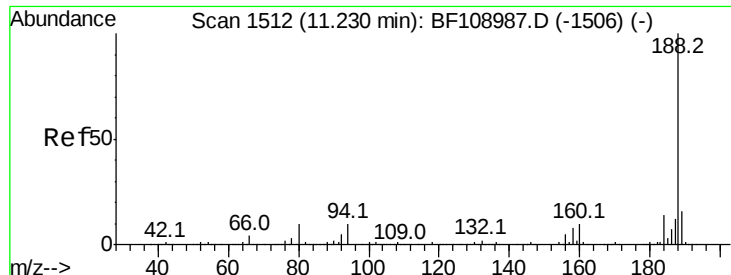
#44
 2-Fluorobiphenyl
 Concen: 14.874 ng
 RT: 9.07 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF109042.D
 Acq: 17 Sep 2018 12:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	23.5	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

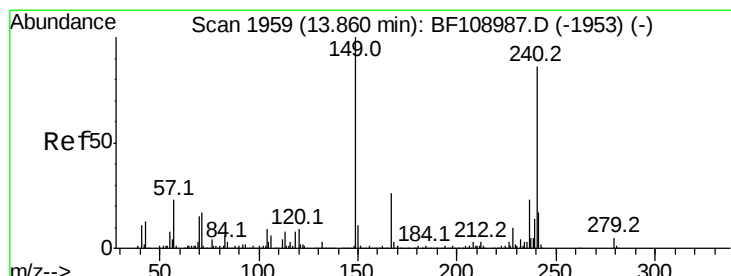
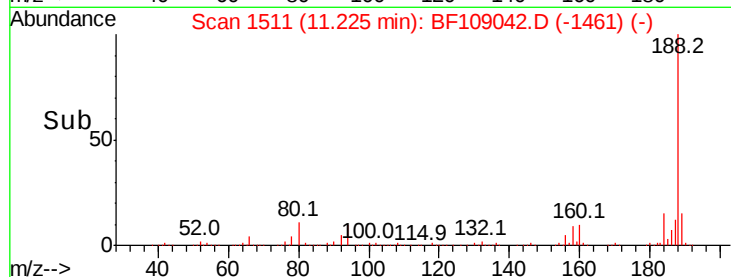
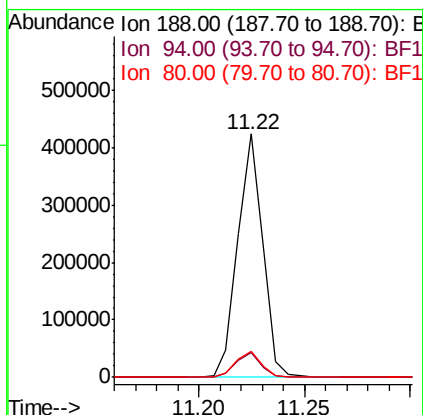
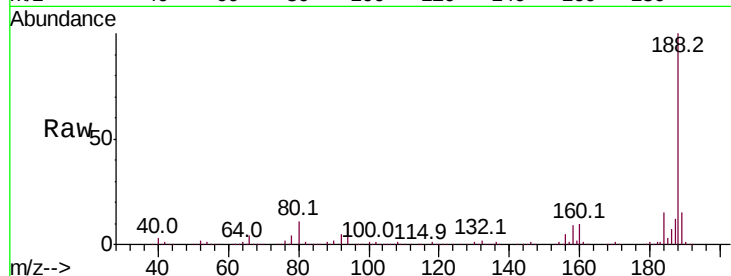




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109042.D
Acq: 17 Sep 2018 12:31

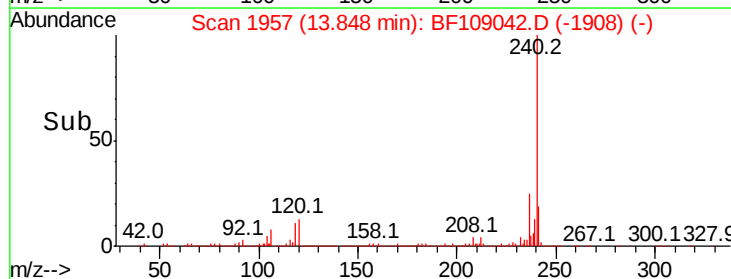
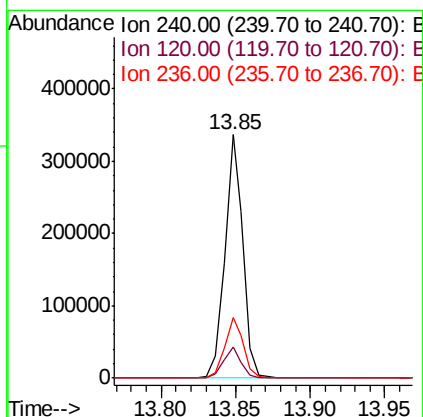
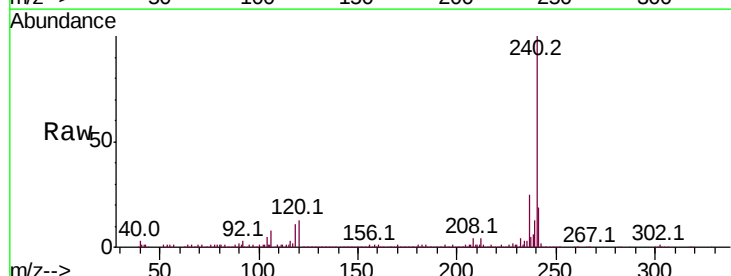
Instrument :
BNA_F
ClientSampleId :
OK-01-091418

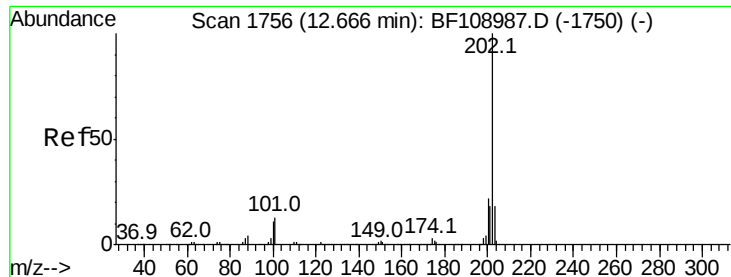
Tot Ion:188 Resp: 345511
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109042.D
Acq: 17 Sep 2018 12:31

Tgt Ion:240 Resp: 286882
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 25.1 20.7 31.1





#77

Pvrene

Concen: 2.092 ng

RT: 12.65 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF109042.D

Acq: 17 Sep 2018 12:31

Instrument :

BNA_F

ClientSampleId :

OK-01-091418

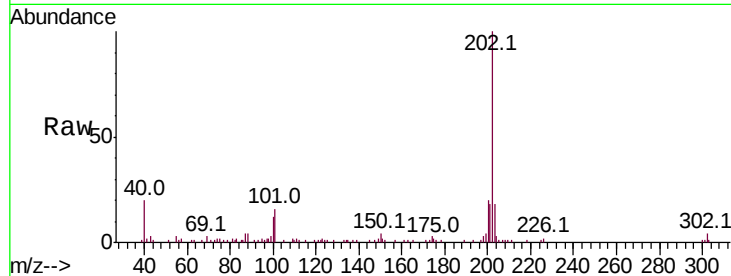
Tot Ion:202 Resp: 44582

Ion Ratio Lower Upper

202 100

200 19.6 17.4 26.2

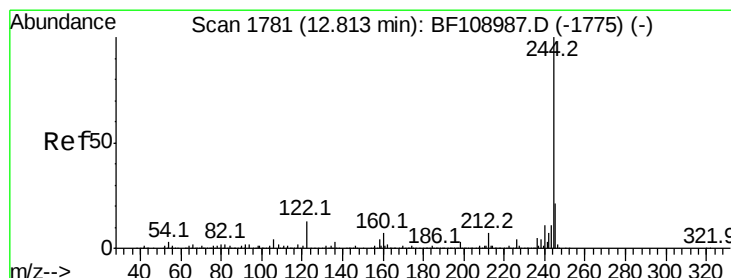
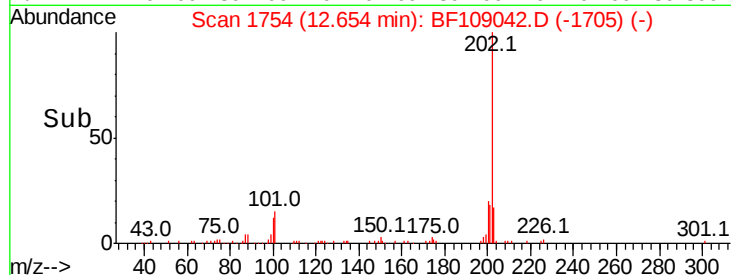
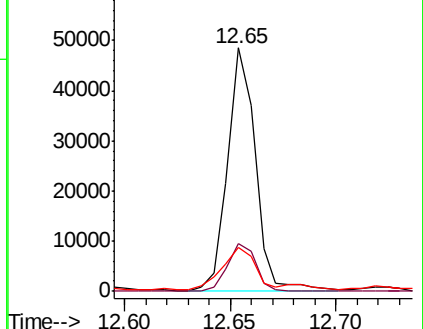
203 18.2 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 13.061 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109042.D

Acq: 17 Sep 2018 12:31

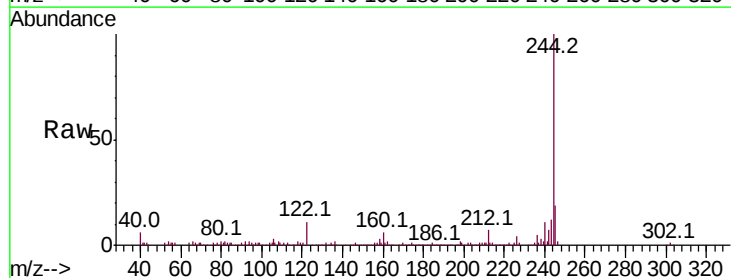
Tgt Ion:244 Resp: 158082

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

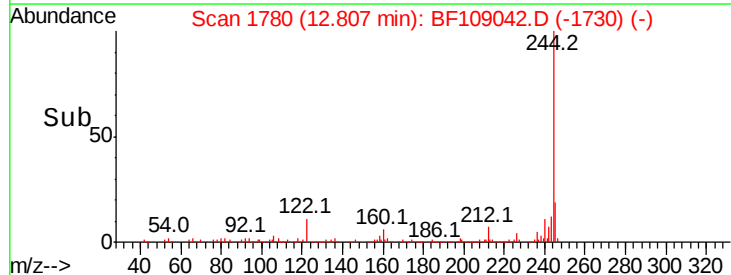
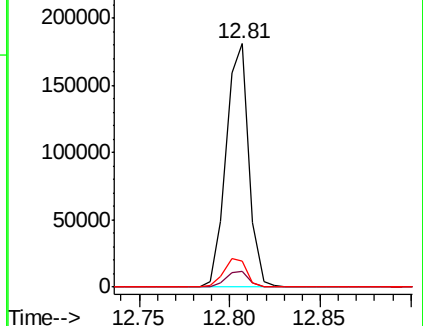
122 10.6 11.0 16.4#

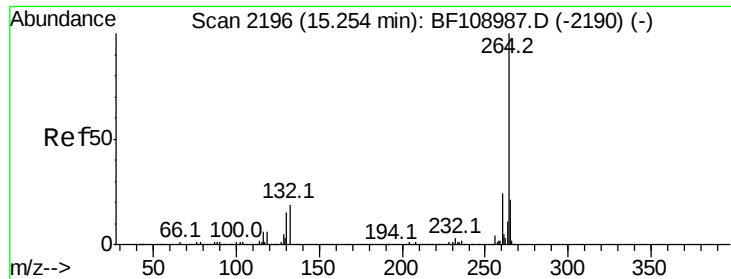


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

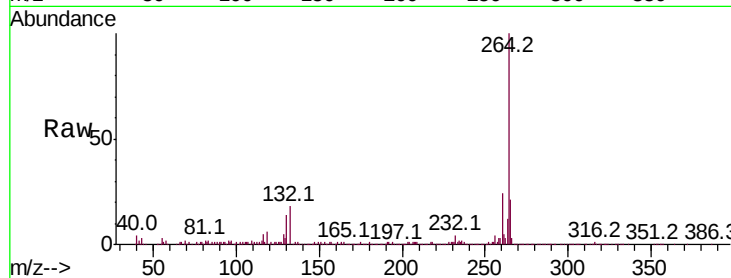




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF109042.D
Acq: 17 Sep 2018 12:31

Instrument :
BNA_F
ClientSampleId :
OK-01-091418

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.4	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

