

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF109036.D
 Acq On : 15 Sep 2018 10:28
 Operator : JU/SJ
 Sample : PB112873BL
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BL

Quant Time: Sep 17 03:36:28 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	150368	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	566822	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	275761	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	540620	20.00	ng	0.00
75) Chrysene-d12	13.85	240	365683	20.00	ng	-0.01
86) Perylene-d12	15.25	264	364584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	833106	92.02	ng	0.00
7) Phenol-d6	6.35	99	1040777	89.15	ng	0.00
23) Nitrobenzene-d5	7.28	82	967613	95.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	293358	98.02	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1712979	97.32	ng	0.00
78) Terphenyl-d14	12.81	244	1756210	113.83	ng	0.00

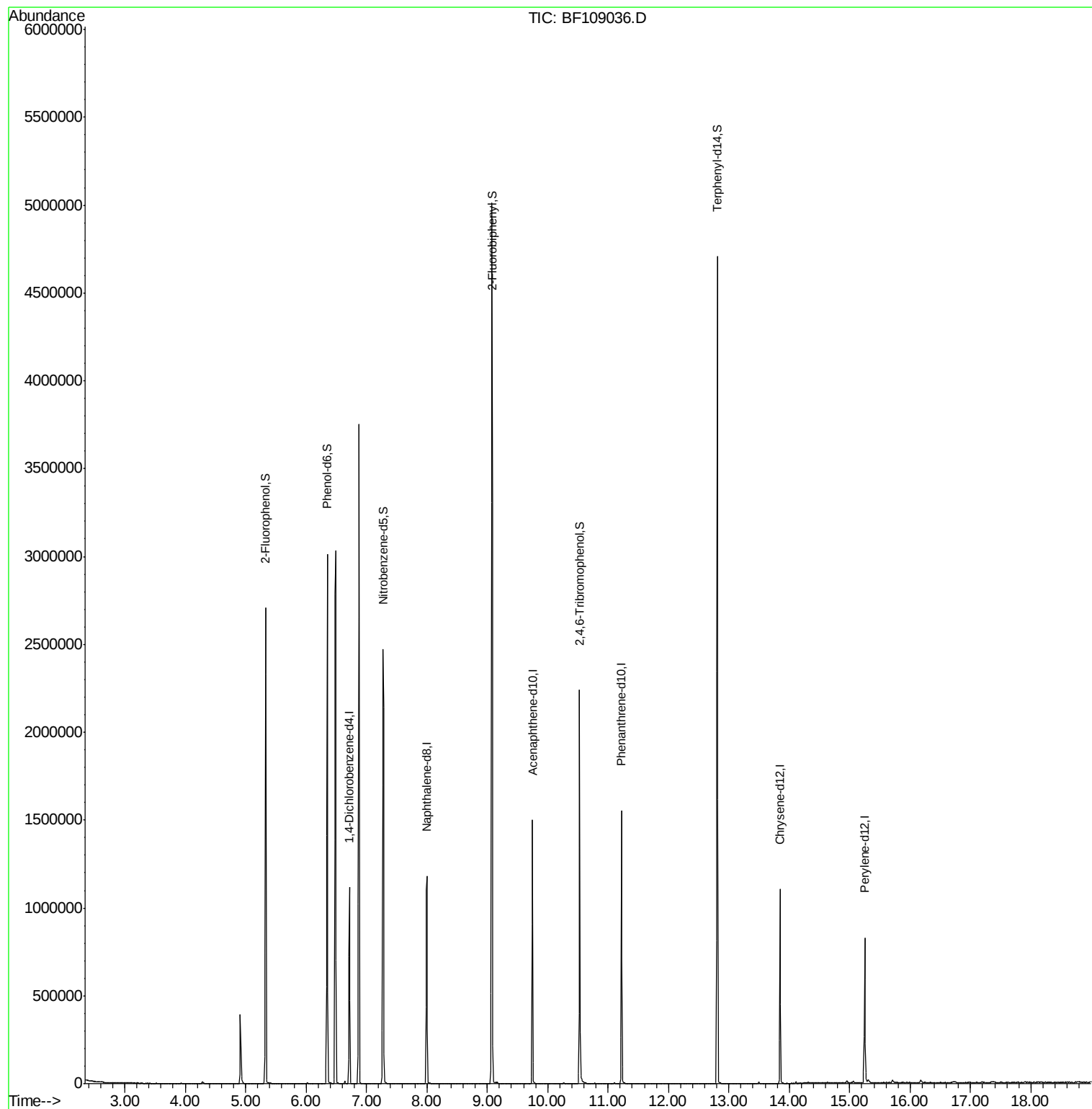
Target Compounds Qvalue

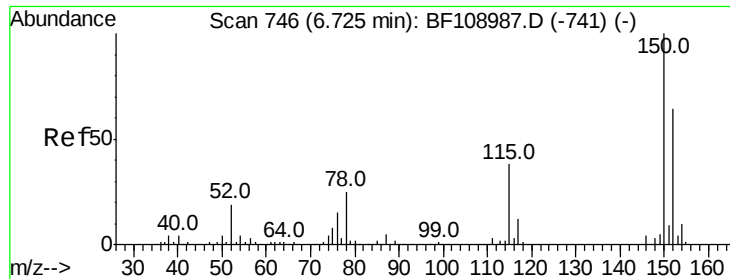
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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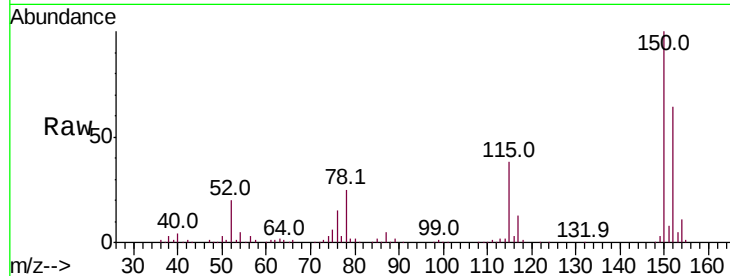


#1

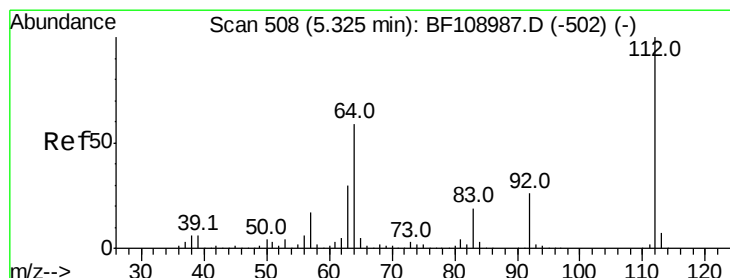
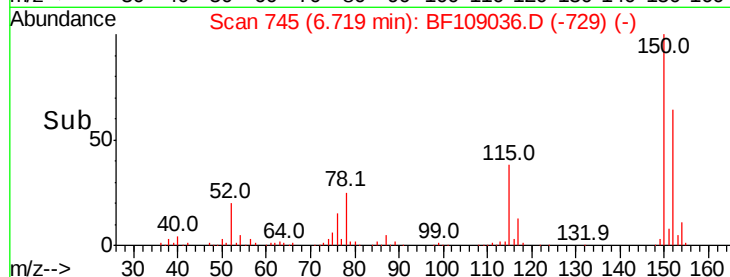
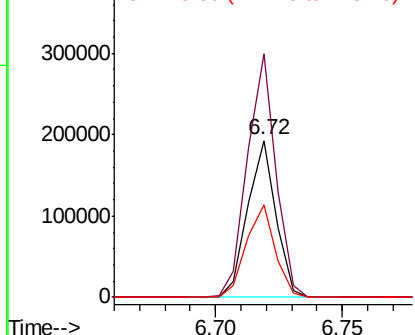
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109036.D
Acq: 15 Sep 2018 10:28

Instrument :
BNA_F
ClientSampleId :
PB112873BL

Tot Ion:152 Resp: 150368
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 59.1 50.1 75.1



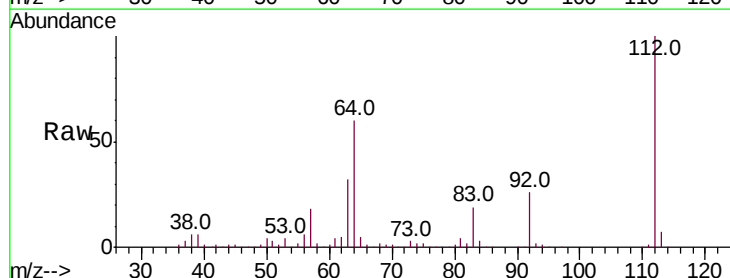
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



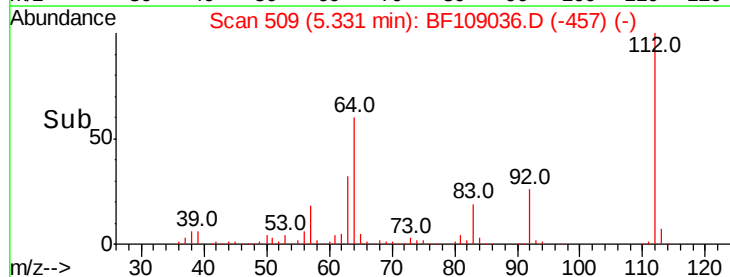
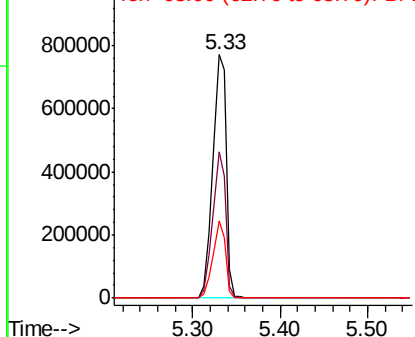
#5

2-Fluorophenol
Concen: 92.020 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109036.D
Acq: 15 Sep 2018 10:28

Tgt Ion:112 Resp: 833106
Ion Ratio Lower Upper
112 100
64 60.2 47.9 71.9
63 31.6 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: 89.153 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109036.D

Acq: 15 Sep 2018 10:28

Instrument :

BNA_F

ClientSampled :

PB112873BL

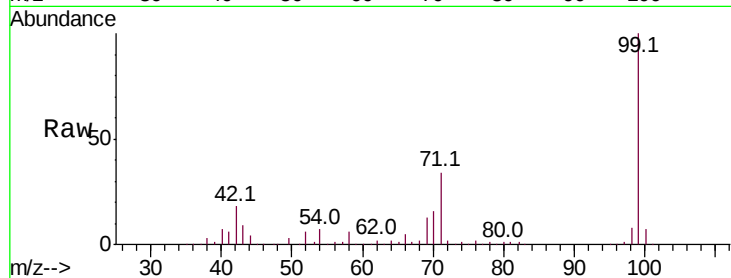
Tot Ion: 99 Resp: 1040777

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.5	21.7
71	33.7	25.4	38.0

99 100

42 18.3 14.5 21.7

71 33.7 25.4 38.0

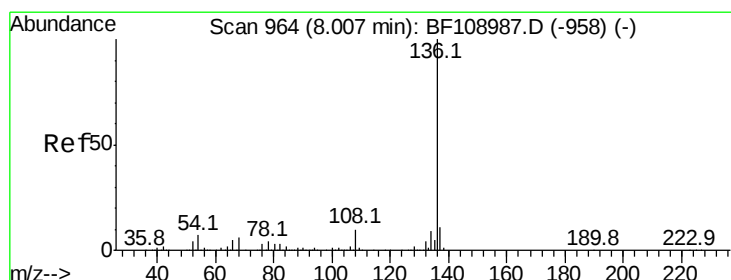
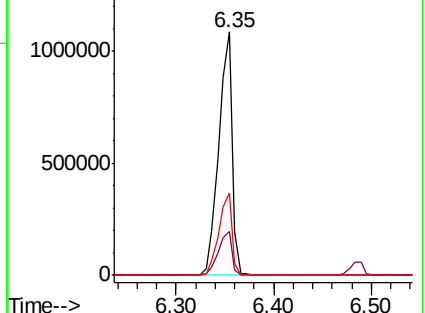
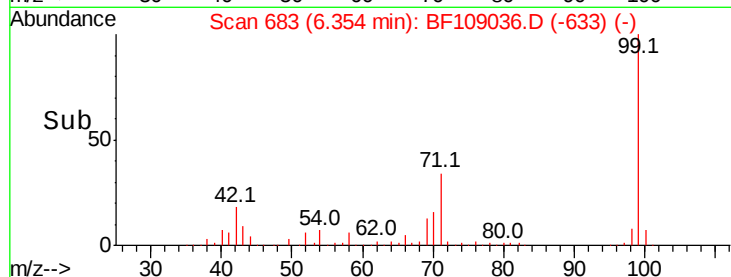


Abundance

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: BF109036.D

Acq: 15 Sep 2018 10:28

Tgt Ion: 136 Resp: 566822

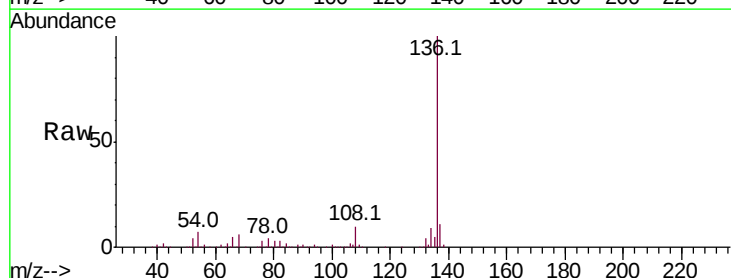
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.8	6.6	9.8
68	5.9	5.0	7.4

136 100

137 10.6 8.9 13.3

54 6.8 6.6 9.8

68 5.9 5.0 7.4



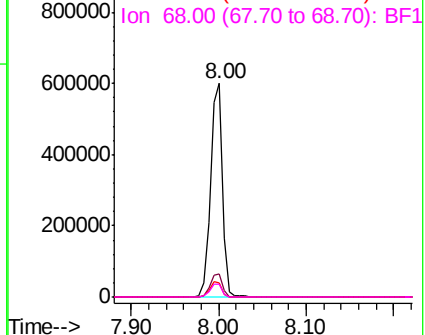
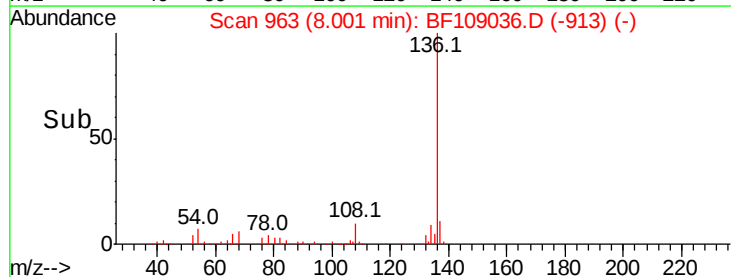
Abundance

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: 95.747 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF109036.D

Acq: 15 Sep 2018 10:28

Instrument :

BNA_F

ClientSampleId :

PB112873BL

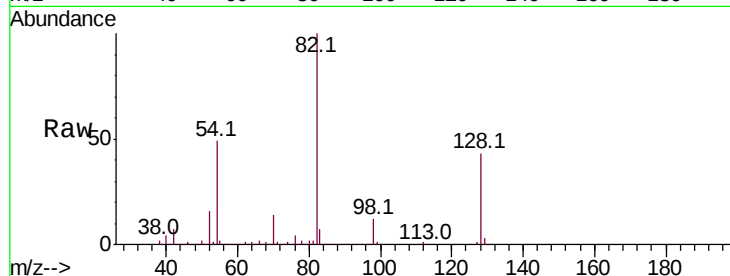
Tot Ion: 82 Resp: 967613

Ion Ratio Lower Upper

82 100

128 43.3 36.1 54.1

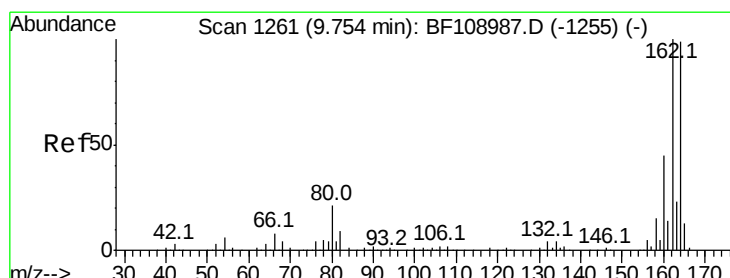
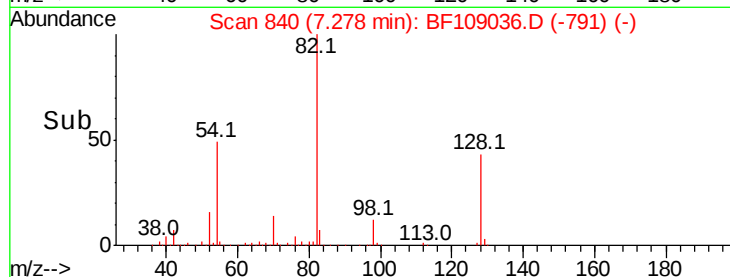
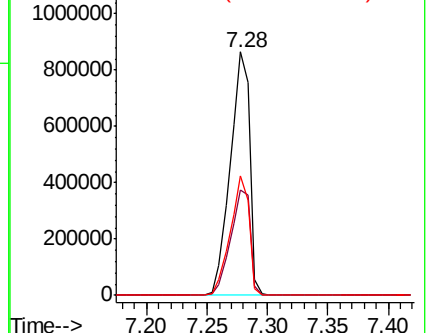
54 49.2 41.4 62.2



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF109036.D

Acq: 15 Sep 2018 10:28

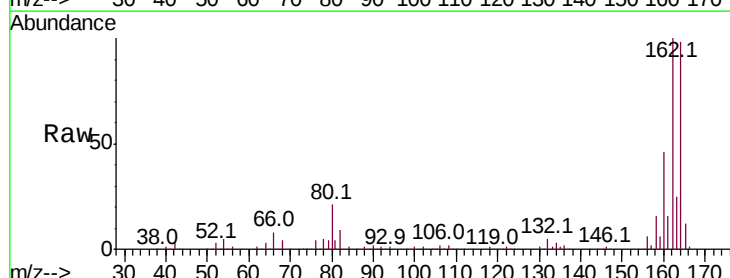
Tgt Ion: 164 Resp: 275761

Ion Ratio Lower Upper

164 100

162 102.2 86.1 129.1

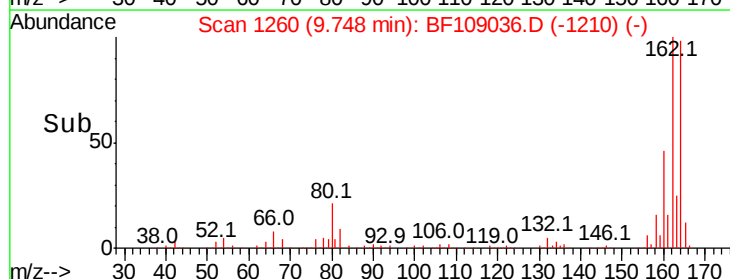
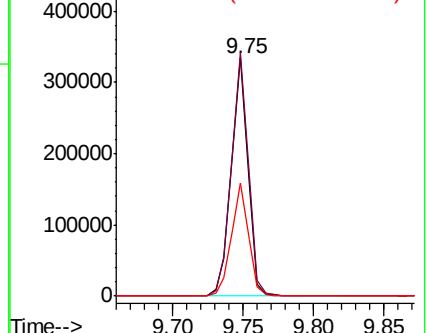
160 47.2 38.3 57.5



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

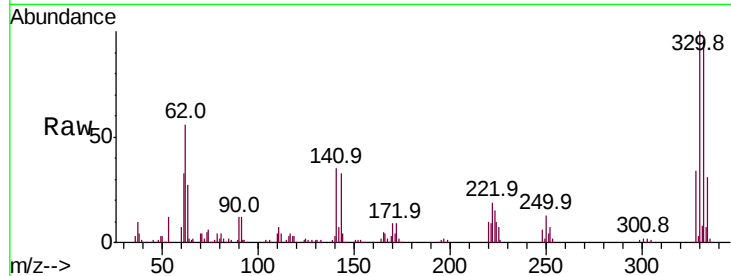




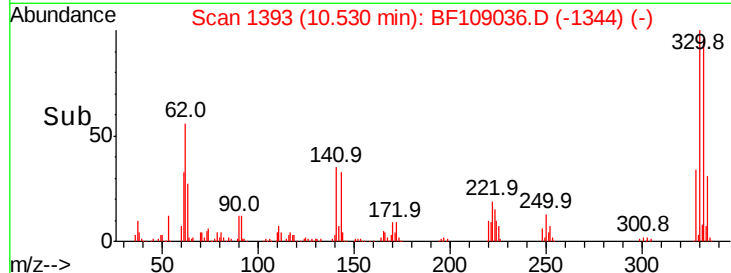
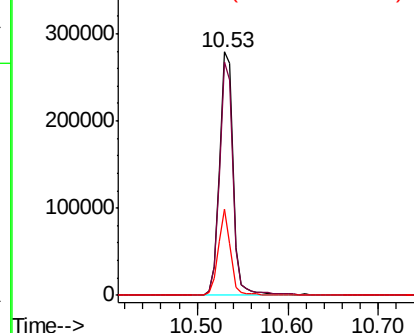
#41
 2,4,6-Tribromophenol
 Concen: 98.023 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109036.D
 Acq: 15 Sep 2018 10:28

Instrument :
 BNA_F
 ClientSampleId :
 PB112873BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	32.2	29.9	44.9

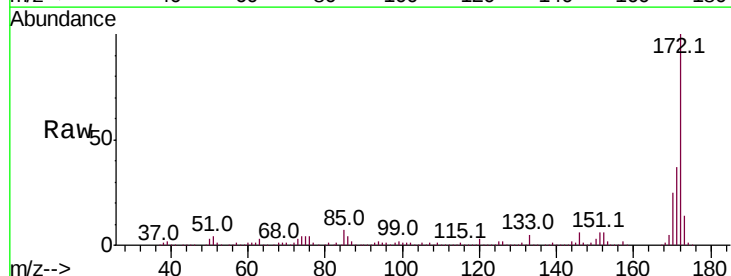


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

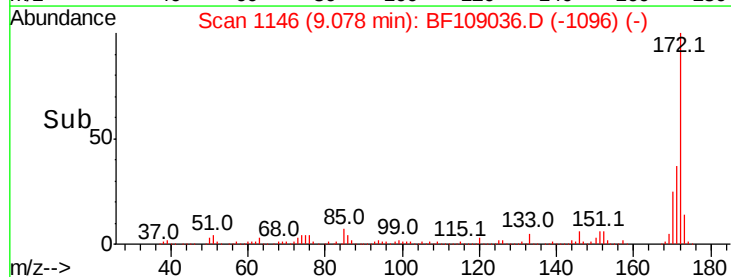
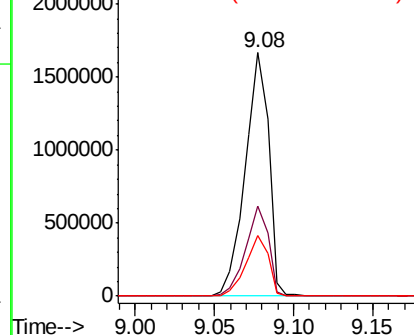


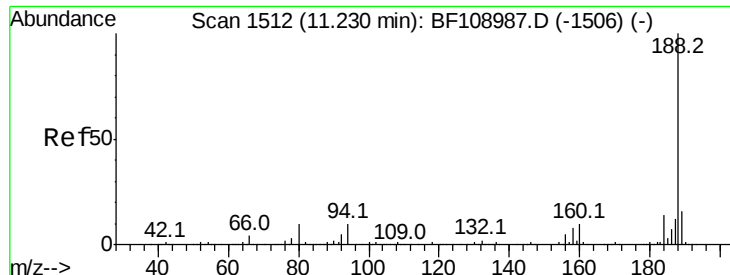
#44
 2-Fluorobiphenyl
 Concen: 97.323 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109036.D
 Acq: 15 Sep 2018 10:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.8	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

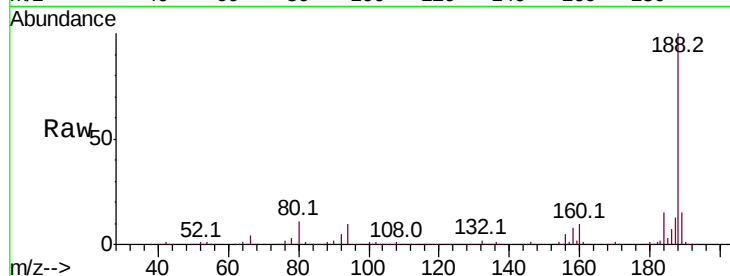




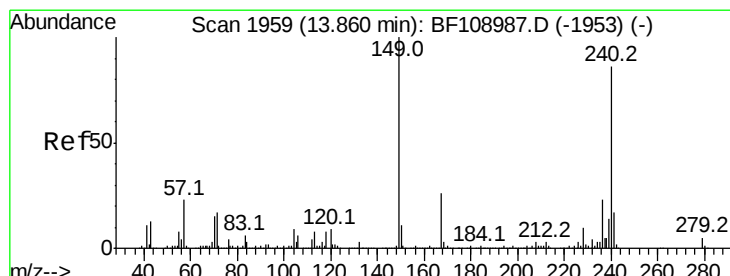
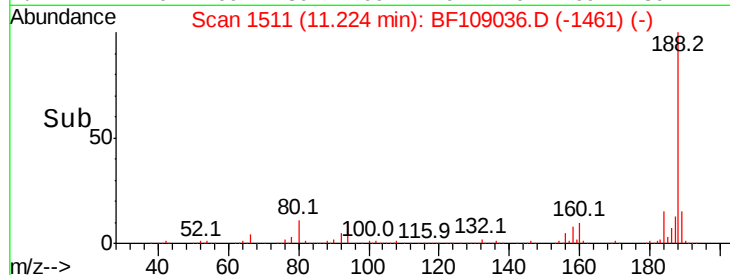
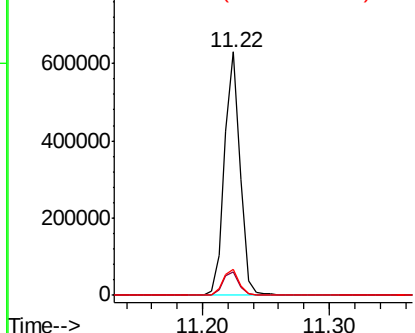
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109036.D
Acq: 15 Sep 2018 10:28

Instrument :
BNA_F
ClientSampleId :
PB112873BL

Tot Ion:188 Resp: 540620
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.7 9.2 13.8

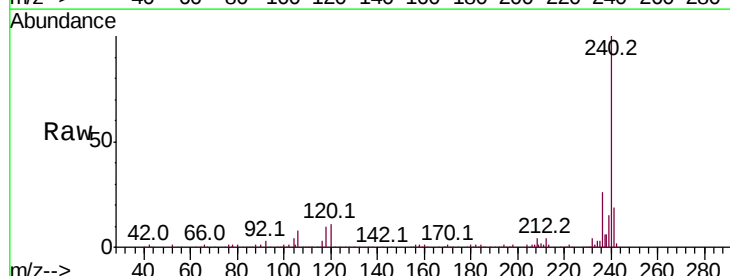


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

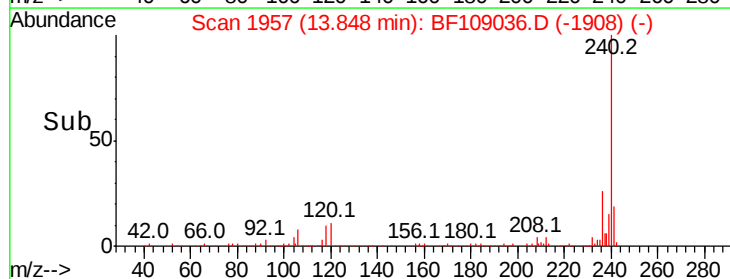
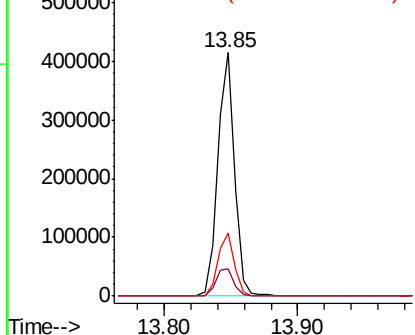


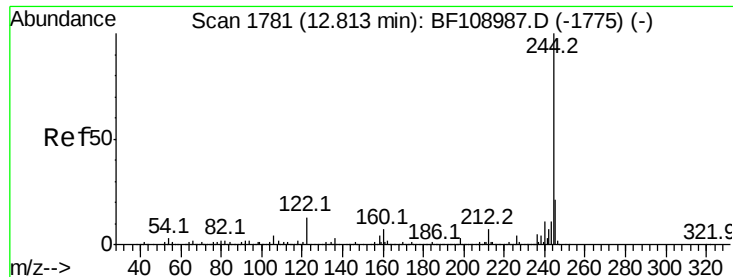
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109036.D
Acq: 15 Sep 2018 10:28

Tgt Ion:240 Resp: 365683
Ion Ratio Lower Upper
240 100
120 11.3 9.5 14.3
236 25.8 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: 113.833 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109036.D

Acq: 15 Sep 2018 10:28

Instrument :

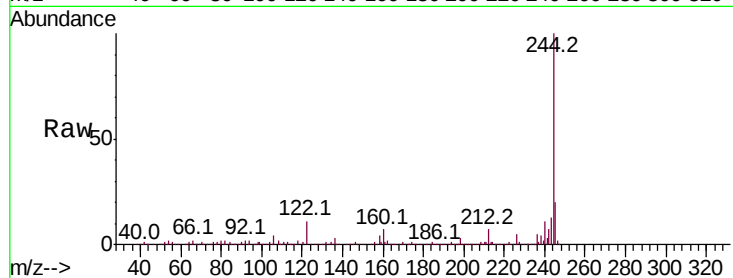
BNA_F

ClientSampleId :

PB112873BL

Tot Ion:244 Resp: 1756210

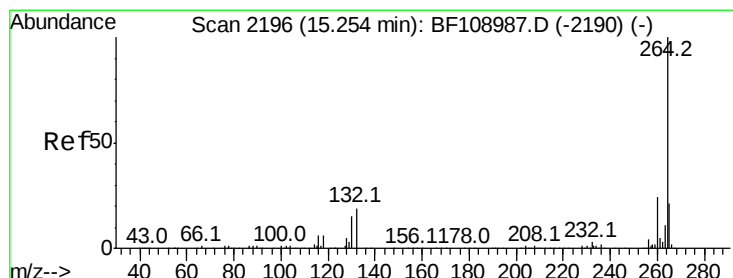
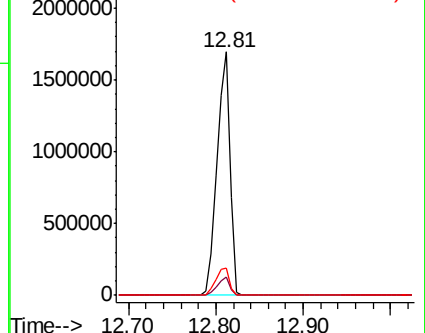
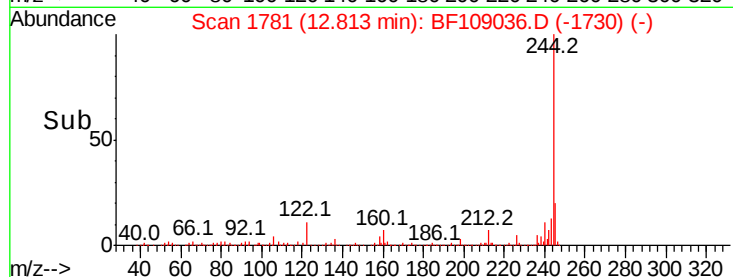
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.3	11.0	16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.25 min Scan# 2195

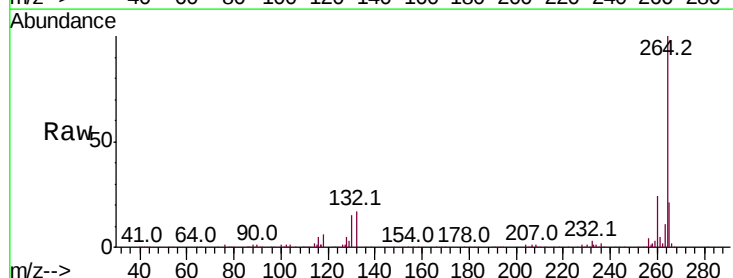
Delta R.T. -0.01 min

Lab File: BF109036.D

Acq: 15 Sep 2018 10:28

Tgt Ion:264 Resp: 364584

Ion	Ratio	Lower	Upper
264	100		
260	23.5	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

