

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF109012.D
 Acq On : 14 Sep 2018 23:08
 Operator : JU/SJ
 Sample : J4906-24
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-10

Quant Time: Sep 15 01:11:00 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	149959	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	577861	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	286736	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	574090	20.00	ng	0.00
75) Chrysene-d12	13.85	240	458435	20.00	ng	-0.01
86) Perylene-d12	15.25	264	409624	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	889899	98.56	ng	0.01
7) Phenol-d6	6.35	99	1082015	92.94	ng	0.00
23) Nitrobenzene-d5	7.28	82	793224	76.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	359527	115.53	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1419295	77.55	ng	0.00
78) Terphenyl-d14	12.81	244	1581837	81.79	ng	0.00

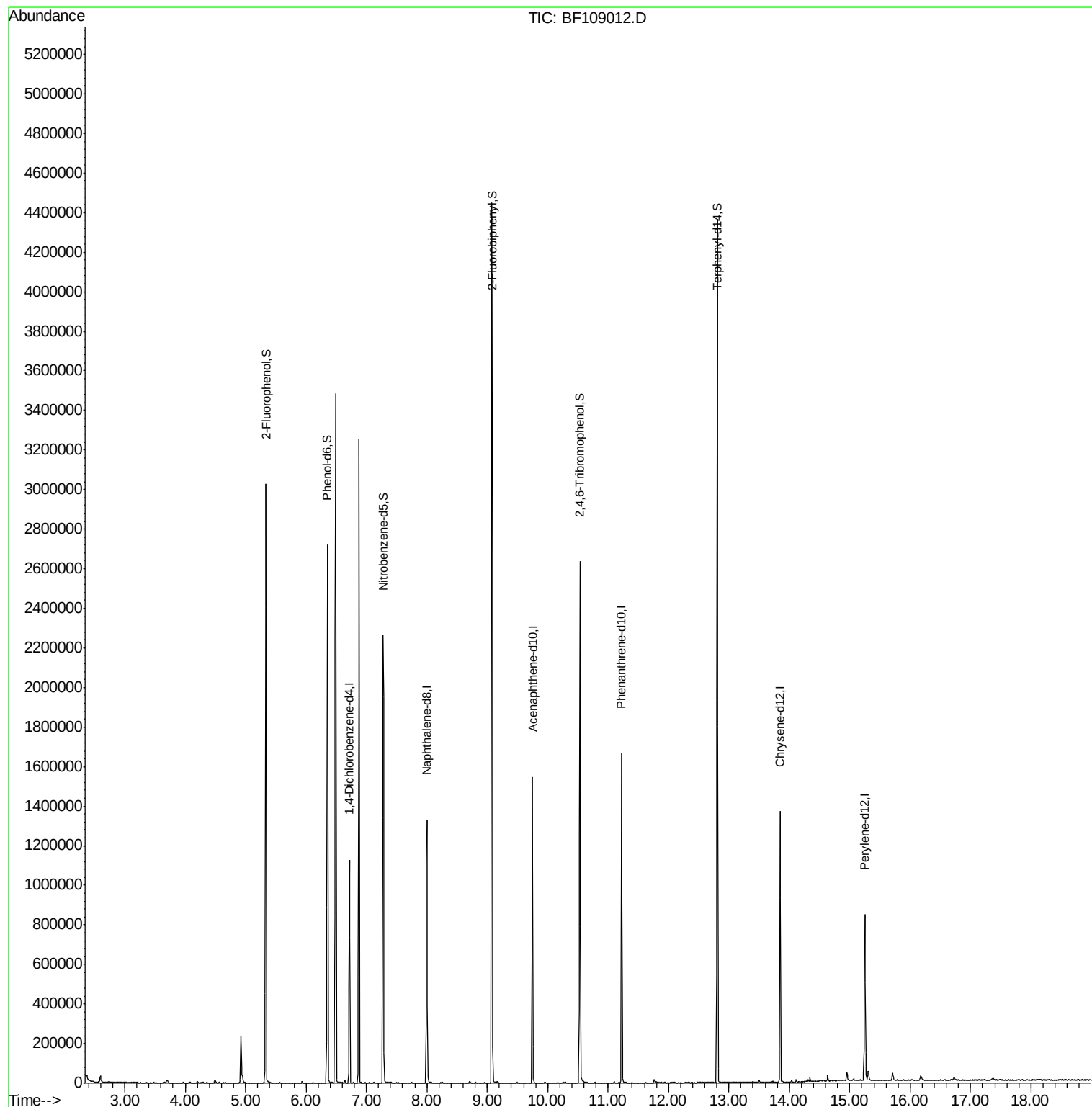
Target Compounds Qvalue

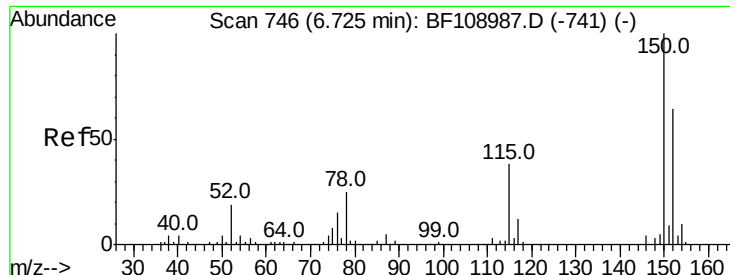
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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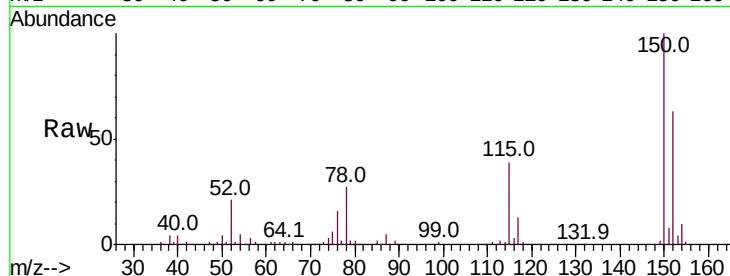


#1

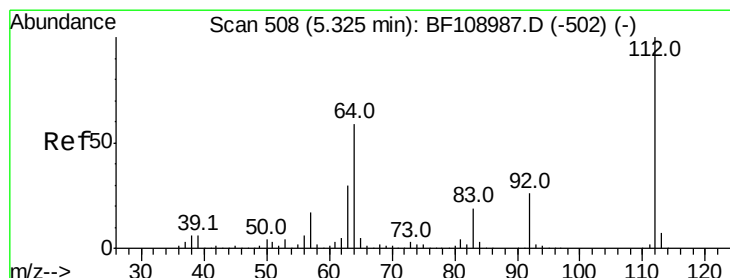
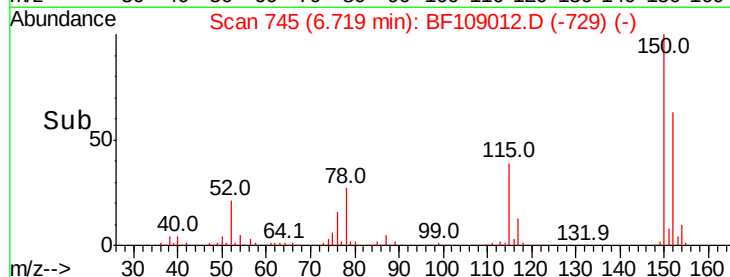
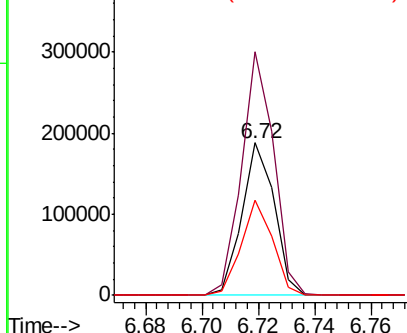
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109012.D
Acq: 14 Sep 2018 23:08

Instrument :
BNA_F
ClientSampleId :
SP-PIT-10

Tot Ion:152 Resp: 149959
Ion Ratio Lower Upper
152 100
150 159.9 124.6 186.8
115 62.1 50.1 75.1



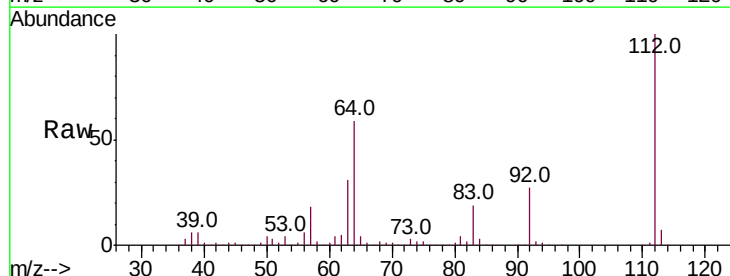
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



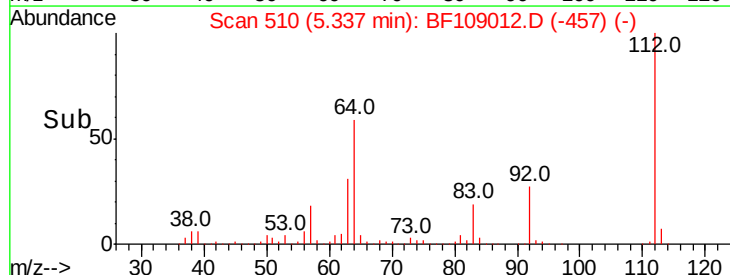
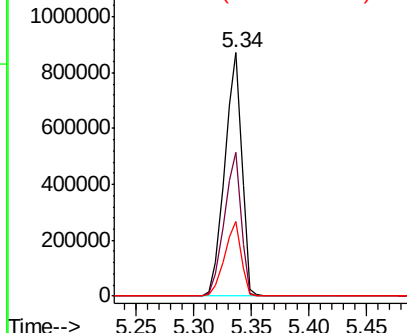
#5

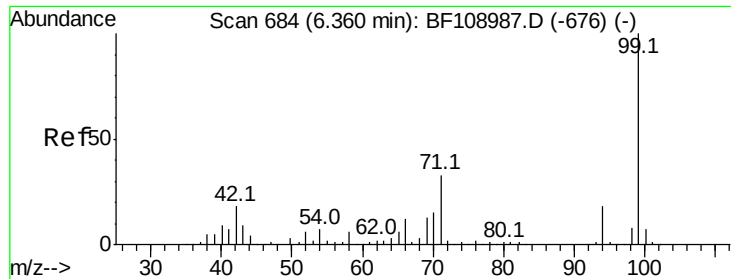
2-Fluorophenol
Concen: 98.562 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF109012.D
Acq: 14 Sep 2018 23:08

Tgt Ion:112 Resp: 889899
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 30.7 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: 92.938 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109012.D

Acq: 14 Sep 2018 23:08

Instrument :

BNA_F

ClientSampleId :

SP-PIT-10

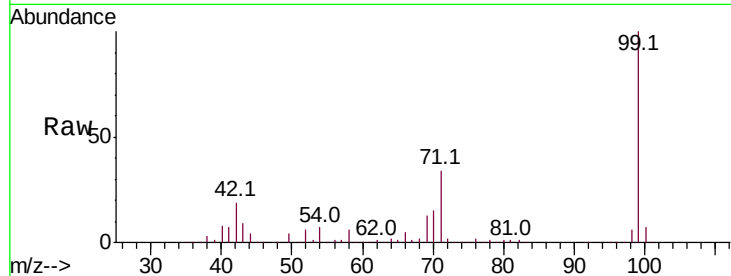
Tot Ion: 99 Resp: 1082015

Ion Ratio Lower Upper

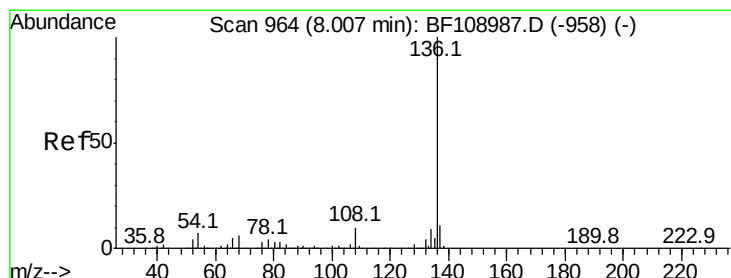
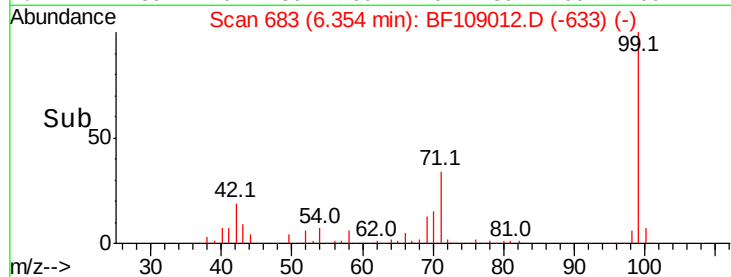
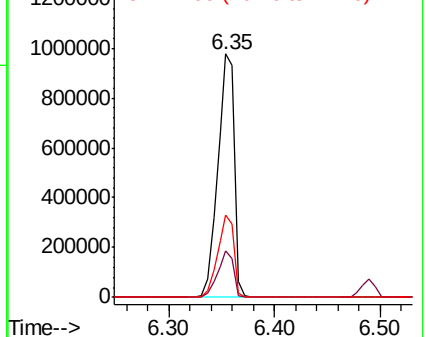
99 100

42 19.1 14.5 21.7

71 34.0 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: BF109012.D

Acq: 14 Sep 2018 23:08

Tgt Ion: 136 Resp: 577861

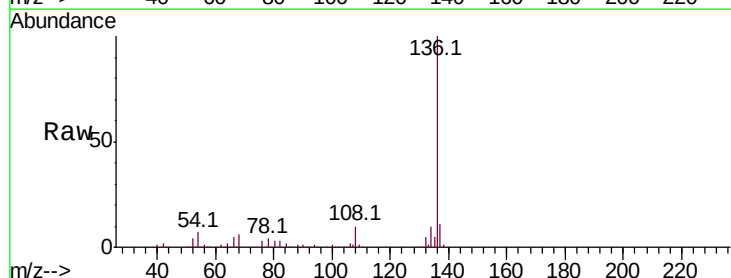
Ion Ratio Lower Upper

136 100

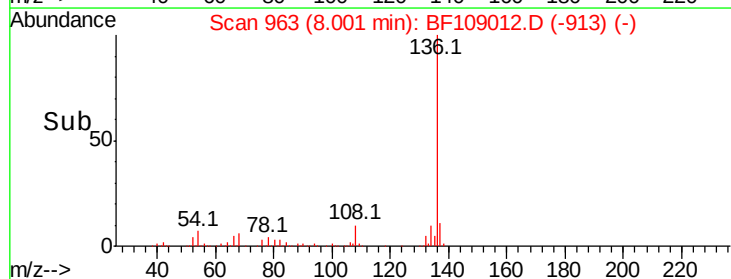
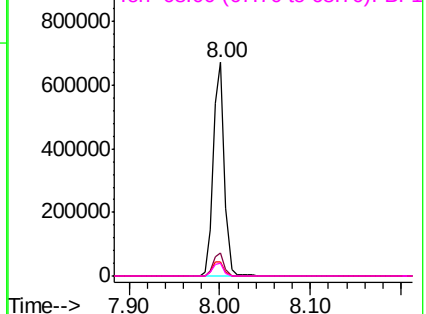
137 10.8 8.9 13.3

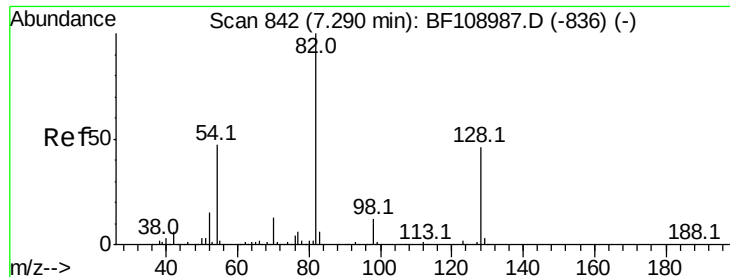
54 6.9 6.6 9.8

68 5.8 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

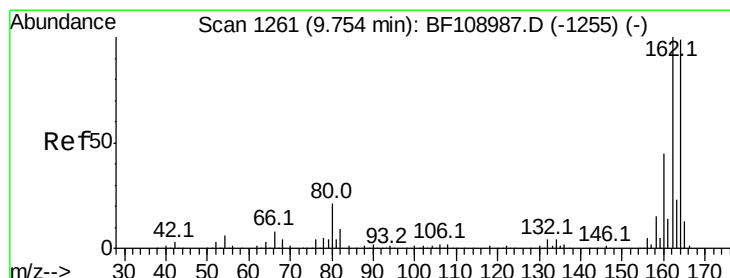
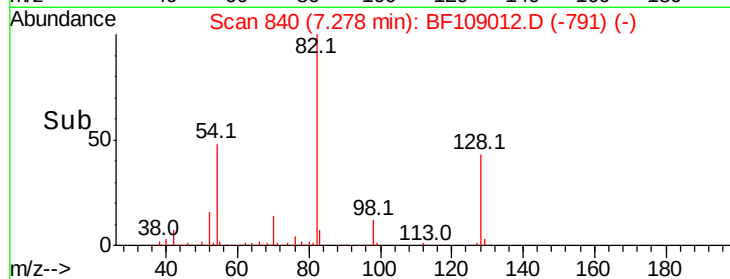
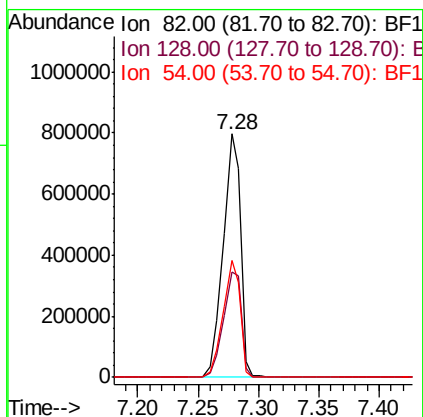
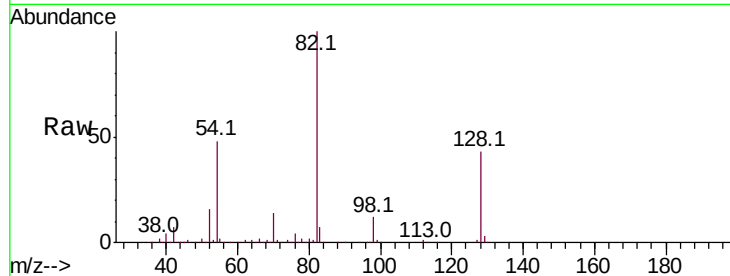




#23
 Nitrobenzene-d5
 Concen: 76.992 ng
 RT: 7.28 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF109012.D
 Acq: 14 Sep 2018 23:08

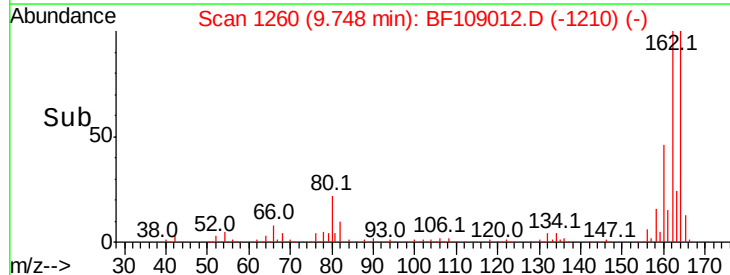
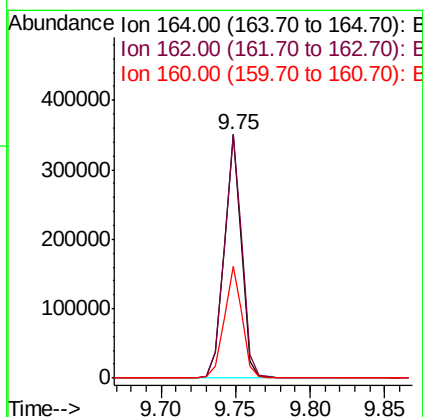
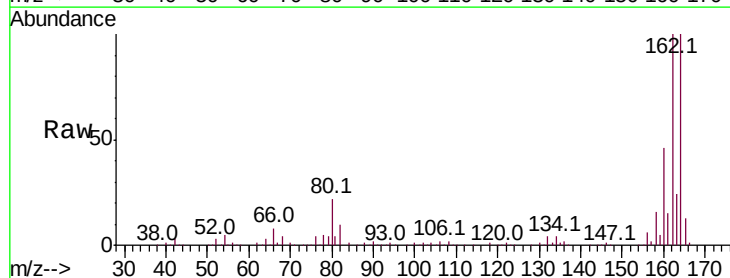
Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-10

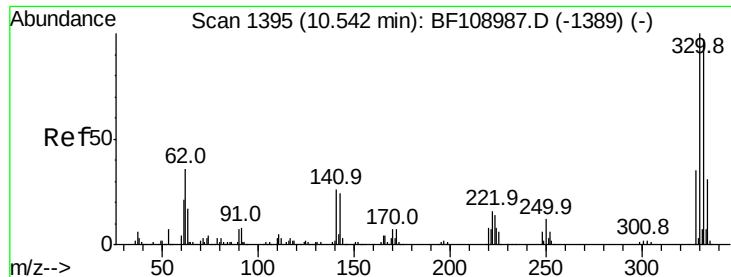
Tot Ion	82	Resp	793224
Ion Ratio	Lower	Upper	
82	100		
128	43.3	36.1	54.1
54	48.1	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109012.D
 Acq: 14 Sep 2018 23:08

Tgt Ion	164	Resp	286736
Ion Ratio	Lower	Upper	
164	100		
162	99.9	86.1	129.1
160	46.0	38.3	57.5

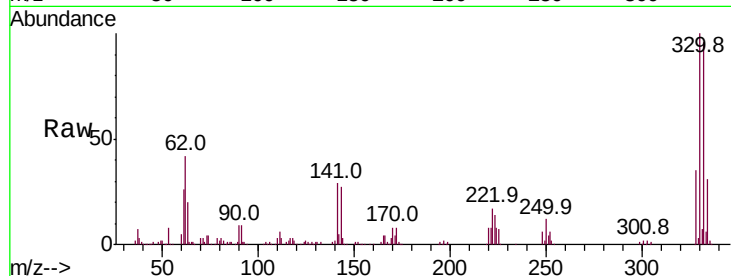




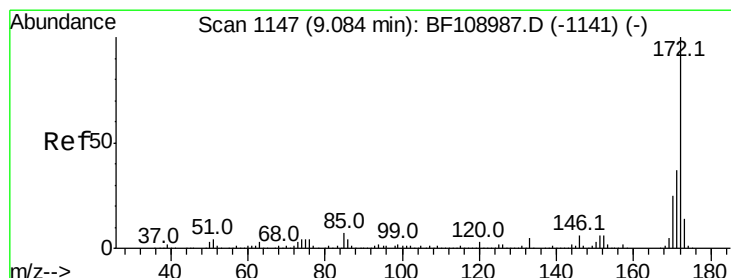
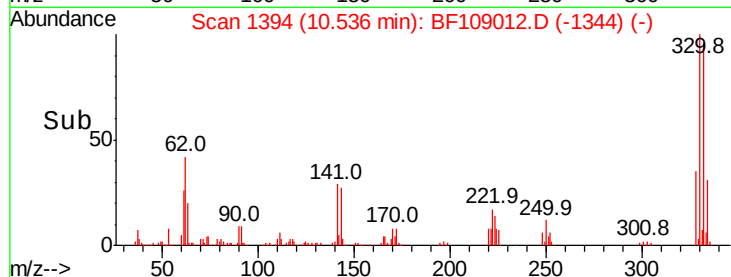
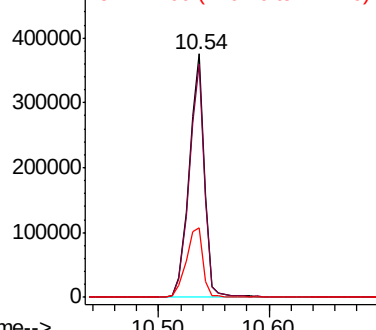
#41
 2,4,6-Tribromophenol
 Concen: 115.535 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109012.D
 Acq: 14 Sep 2018 23:08

Instrument :
 BNA_F
 ClientSampleId :
 SP-PIT-10

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	31.4	29.9	44.9

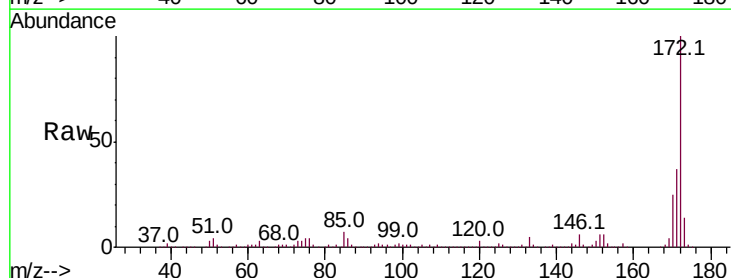


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

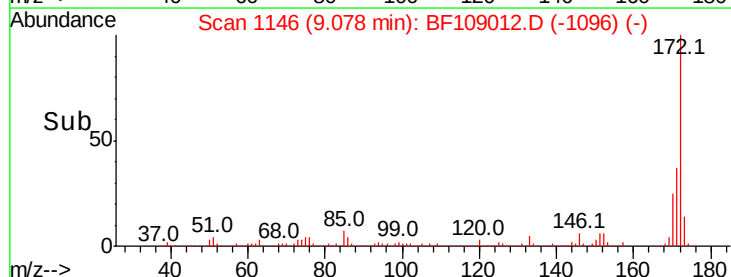
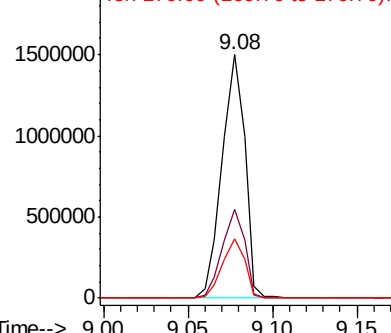


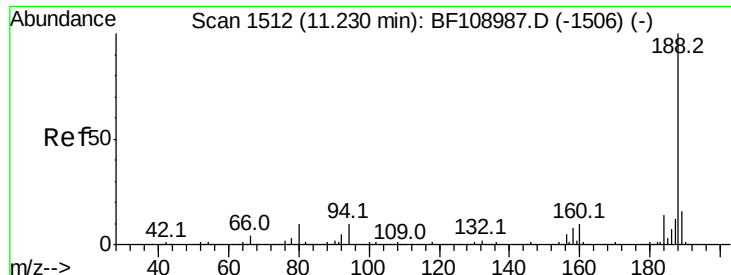
#44
 2-Fluorobiphenyl
 Concen: 77.550 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109012.D
 Acq: 14 Sep 2018 23:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.6	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

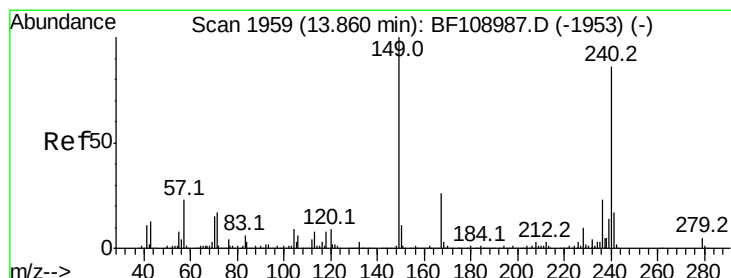
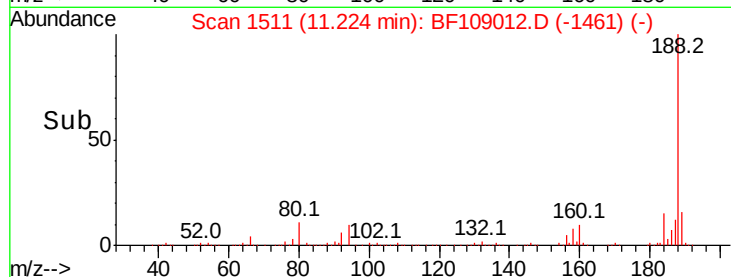
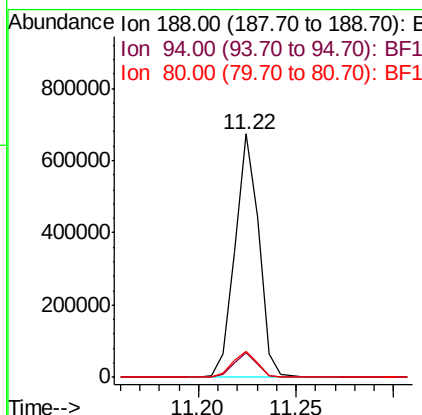
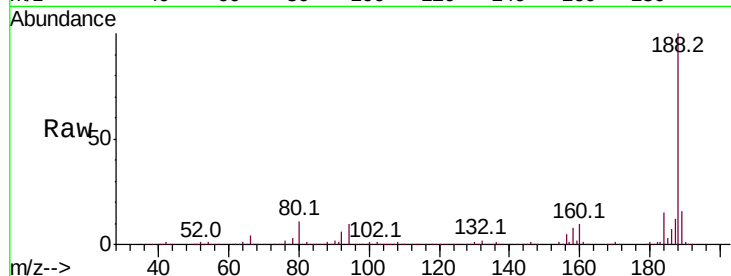




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109012.D
Acq: 14 Sep 2018 23:08

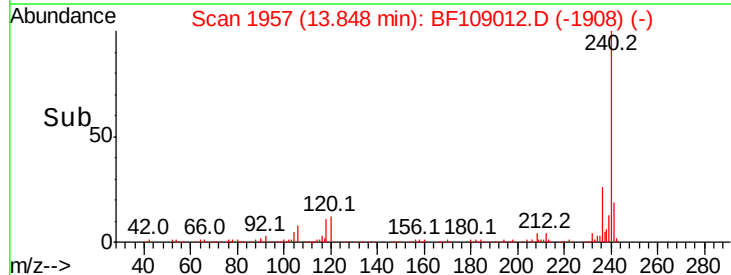
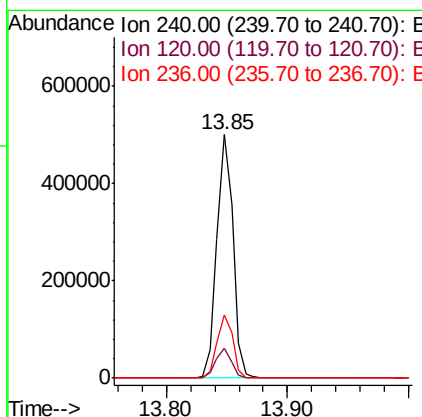
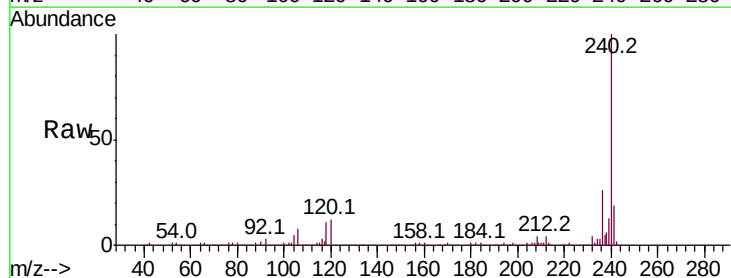
Instrument :
BNA_F
ClientSampleId :
SP-PIT-10

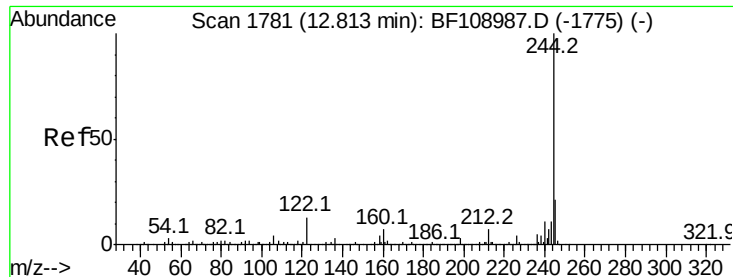
Tot Ion:188 Resp: 574090
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109012.D
Acq: 14 Sep 2018 23:08

Tgt Ion:240 Resp: 458435
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 81.786 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109012.D

Acq: 14 Sep 2018 23:08

Instrument :

BNA_F

ClientSampleId :

SP-PIT-10

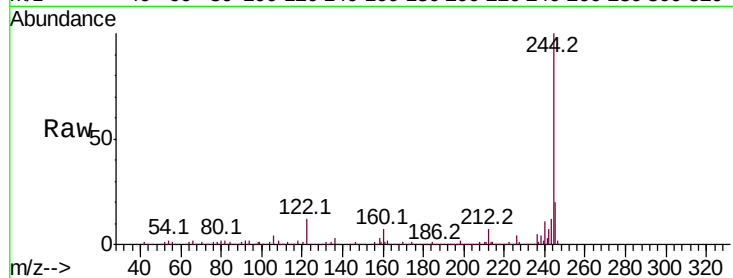
Tot Ion:244 Resp: 1581837

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

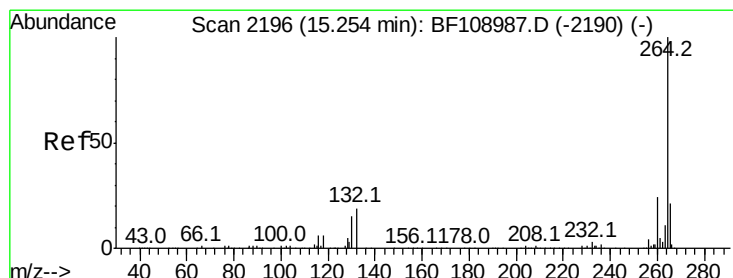
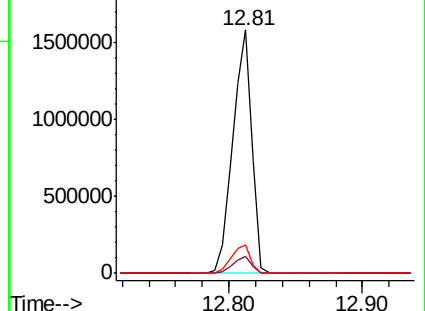
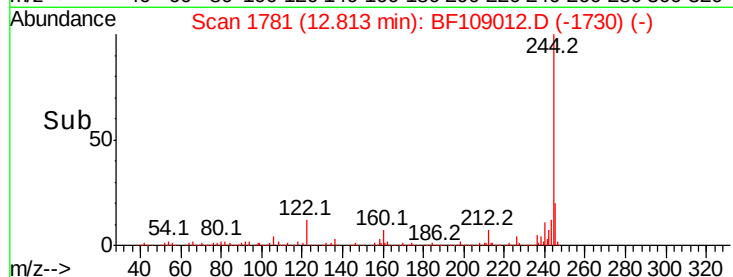
122 11.7 11.0 16.4



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# 2196

Delta R.T. -0.00 min

Lab File: BF109012.D

Acq: 14 Sep 2018 23:08

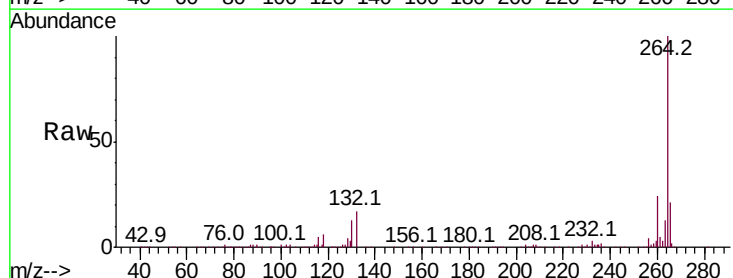
Tgt Ion:264 Resp: 409624

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.0 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

