

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
 Data File : BF109010.D
 Acq On : 14 Sep 2018 22:14
 Operator : JU/SJ
 Sample : J4892-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-091218

Quant Time: Sep 15 01:08:37 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	155793	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	608481	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	265541	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	575321	20.00	ng	0.00
75) Chrysene-d12	13.85	240	389819	20.00	ng	-0.01
86) Perylene-d12	15.25	264	203192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	426739	45.49	ng	0.00
7) Phenol-d6	6.34	99	321502	26.58	ng	-0.02
23) Nitrobenzene-d5	7.28	82	824727	76.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	366032	127.01	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1457189	85.98	ng	0.00
78) Terphenyl-d14	12.81	244	1528196	92.92	ng	0.00

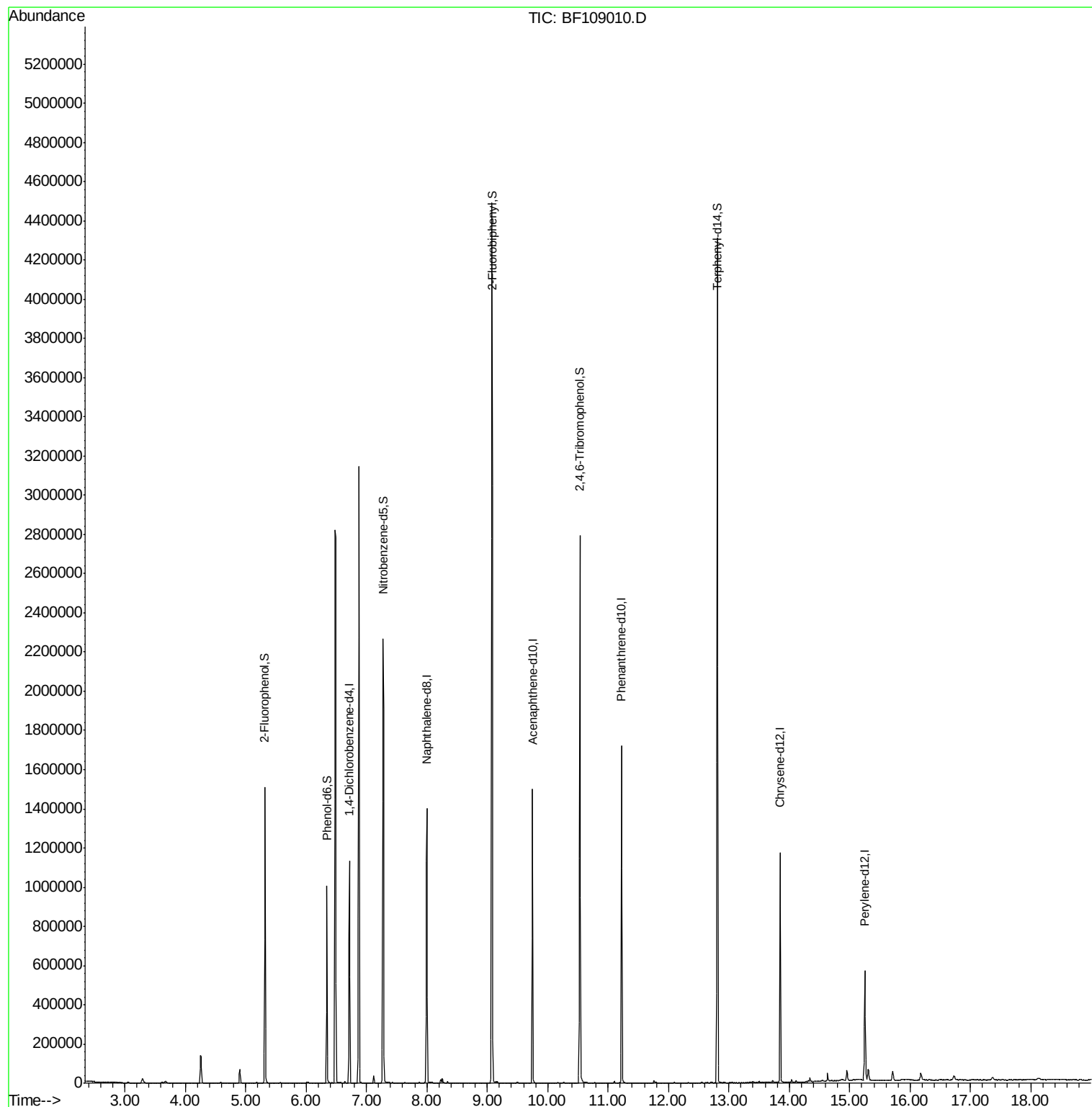
Target Compounds Qvalue

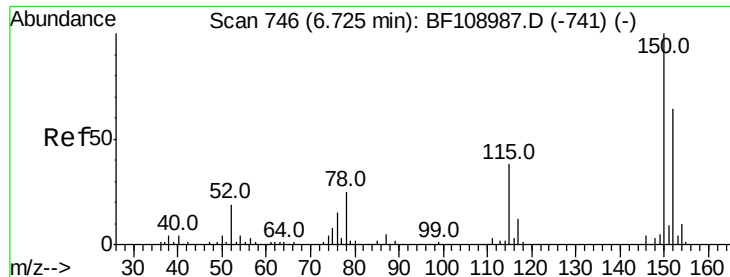
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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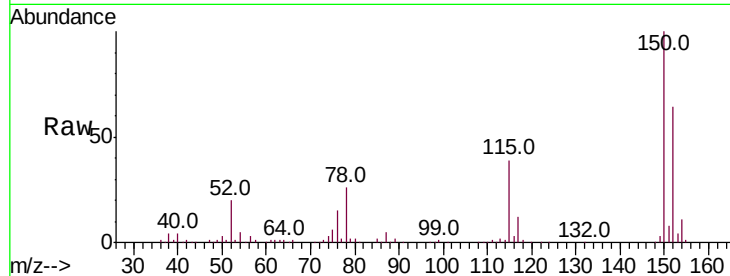


#1

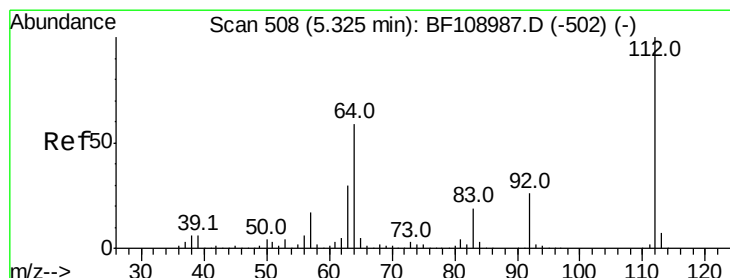
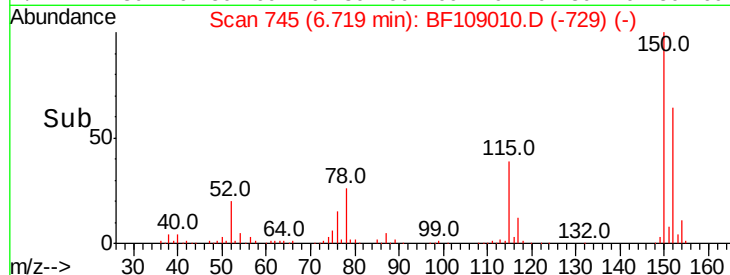
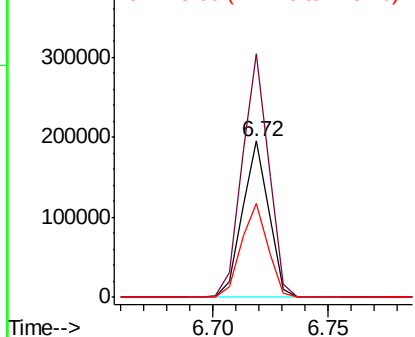
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109010.D
Acq: 14 Sep 2018 22:14

Instrument :
BNA_F
ClientSampleId :
FB-091218

Tot Ion:152 Resp: 155793
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 60.3 50.1 75.1



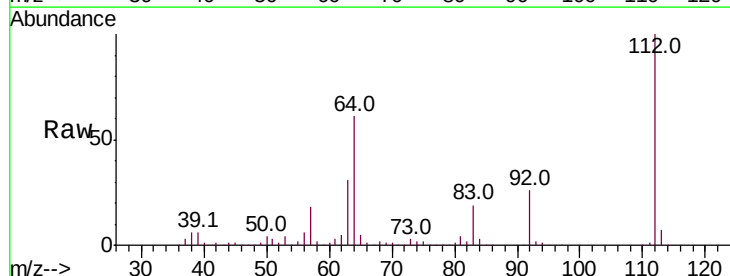
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



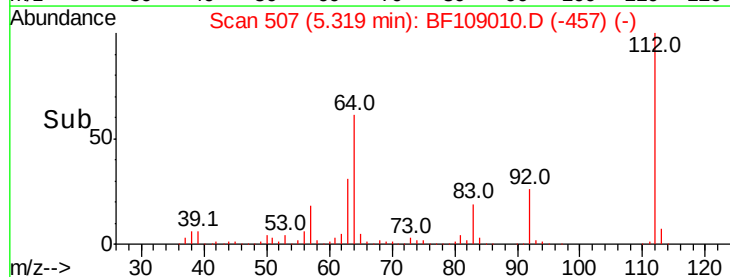
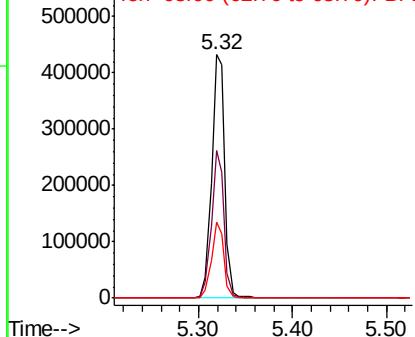
#5

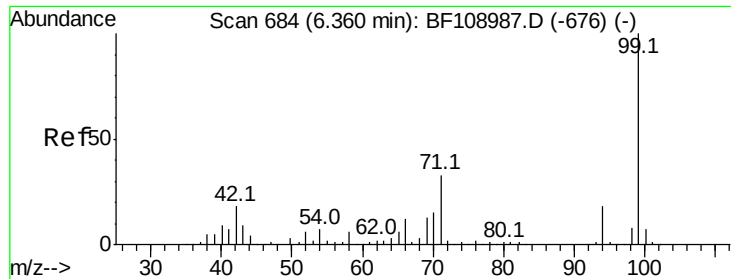
2-Fluorophenol
Concen: 45.494 ng
RT: 5.32 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF109010.D
Acq: 14 Sep 2018 22:14

Tgt Ion:112 Resp: 426739
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 31.1 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: 26.581 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109010.D

Acq: 14 Sep 2018 22:14

Instrument :

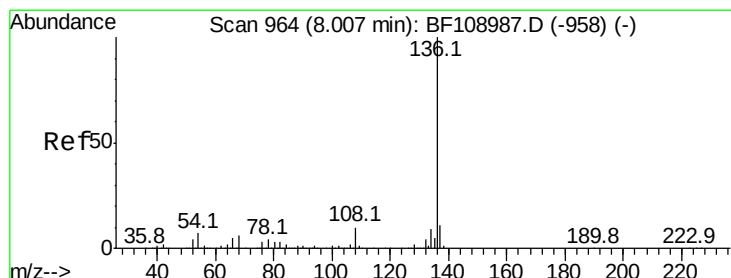
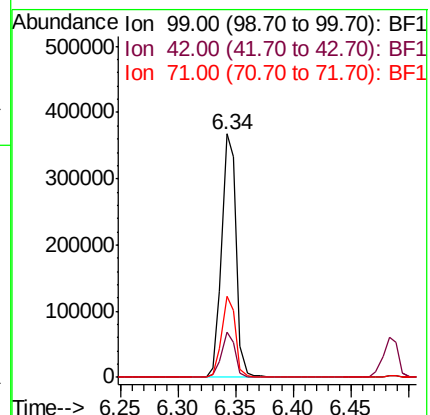
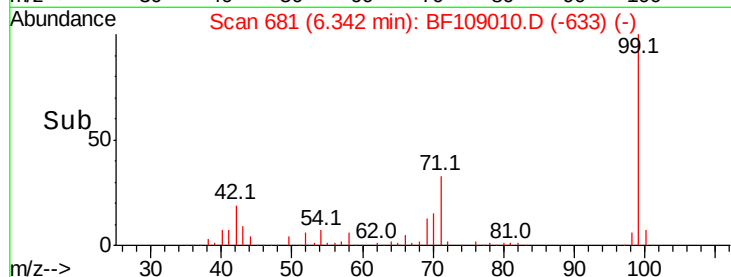
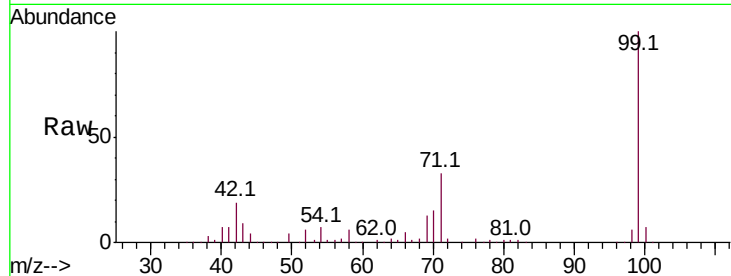
BNA_F

ClientSampleId :

FB-091218

Tot Ion: 99 Resp: 321502

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.5	21.7
71	33.1	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

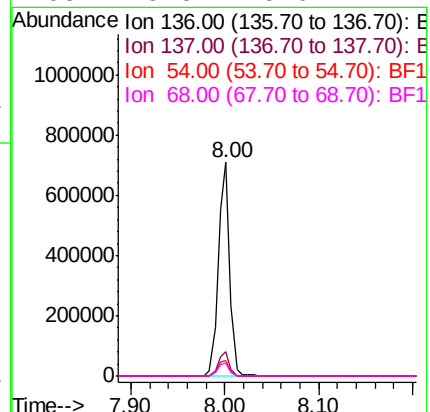
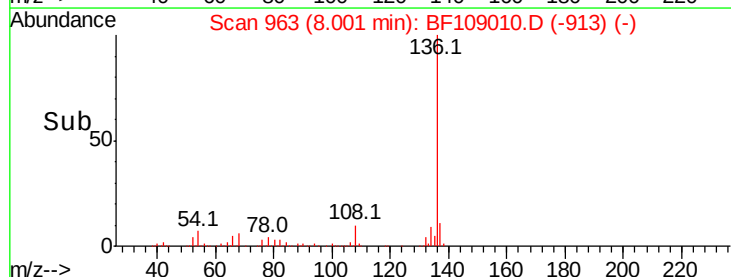
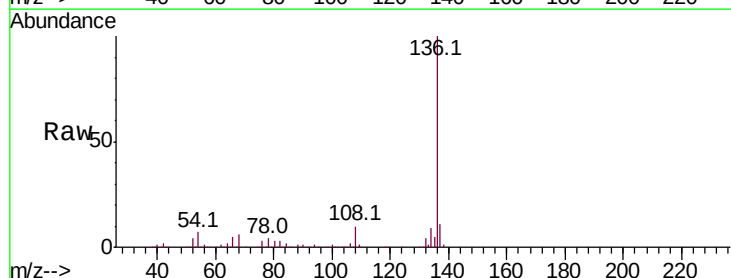
Delta R.T. -0.01 min

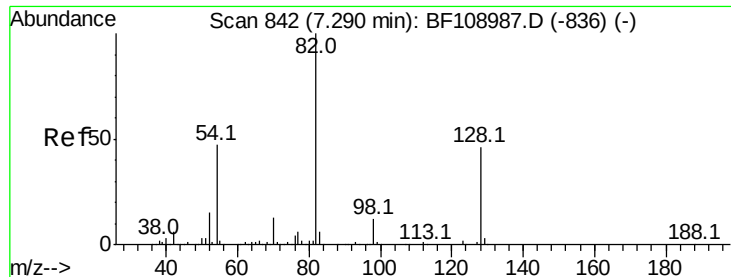
Lab File: BF109010.D

Acq: 14 Sep 2018 22:14

Tgt Ion: 136 Resp: 608481

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.0	6.6	9.8
68	5.8	5.0	7.4

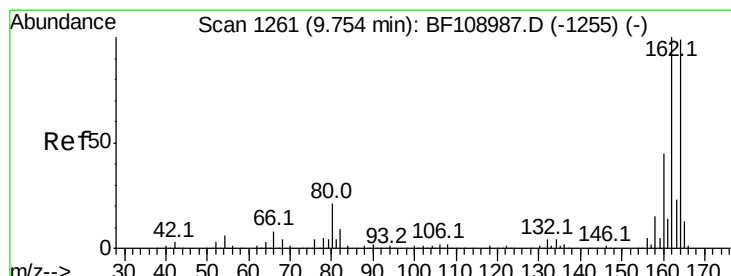
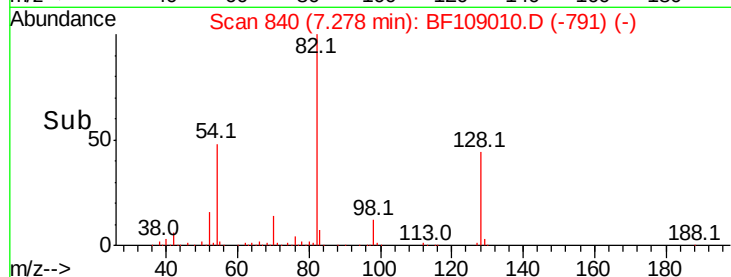
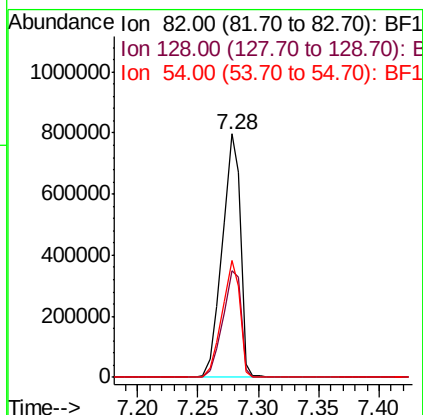
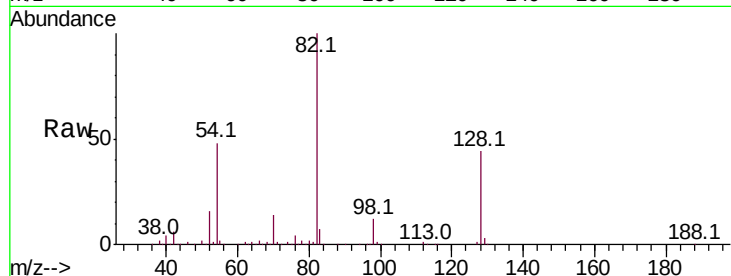




#23
 Nitrobenzene-d5
 Concen: 76.021 ng
 RT: 7.28 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF109010.D
 Acq: 14 Sep 2018 22:14

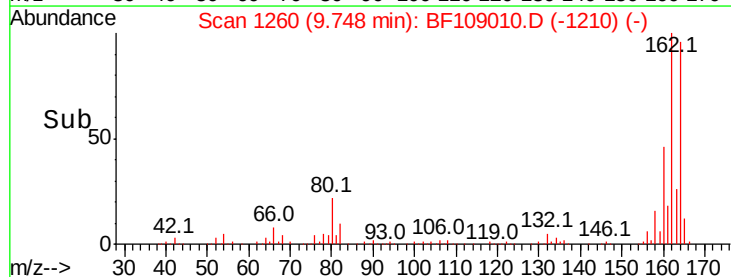
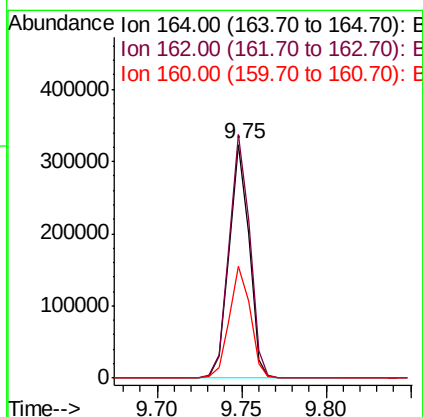
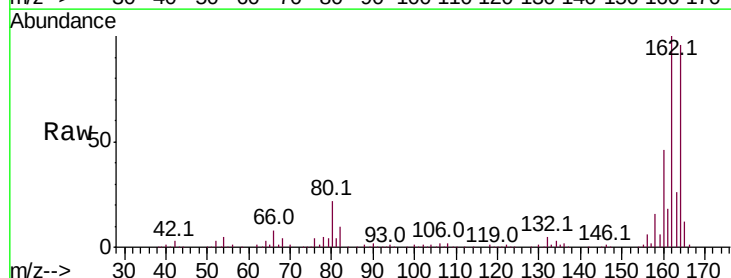
Instrument :
 BNA_F
 ClientSampleID :
 FB-091218

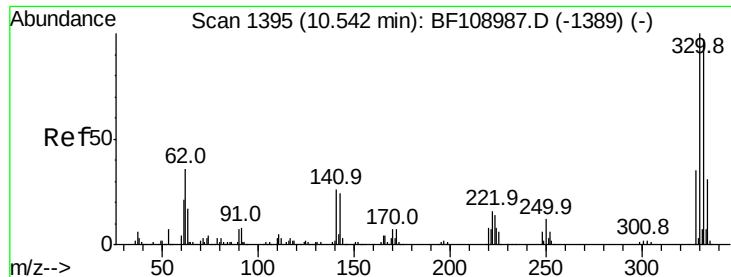
Tot Ion: 82 Resp: 824727
 Ion Ratio Lower Upper
 82 100
 128 43.8 36.1 54.1
 54 48.0 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109010.D
 Acq: 14 Sep 2018 22:14

Tgt Ion: 164 Resp: 265541
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 47.7 38.3 57.5

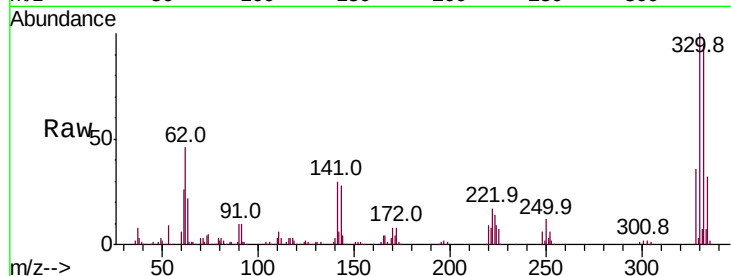




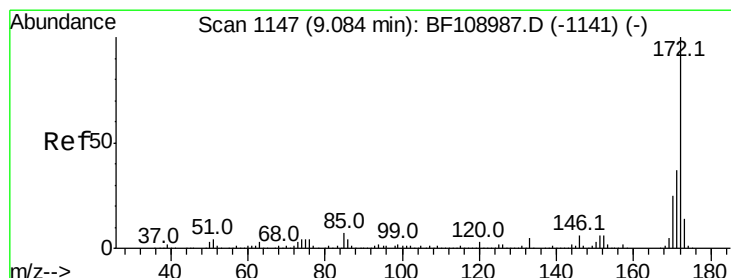
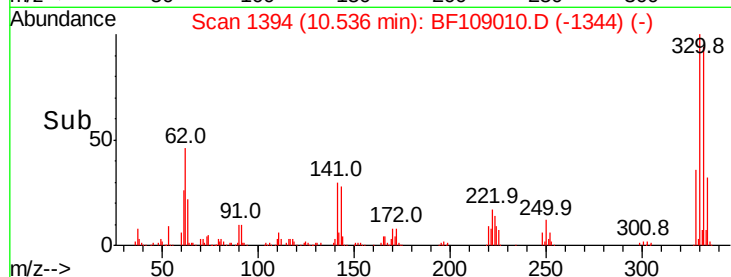
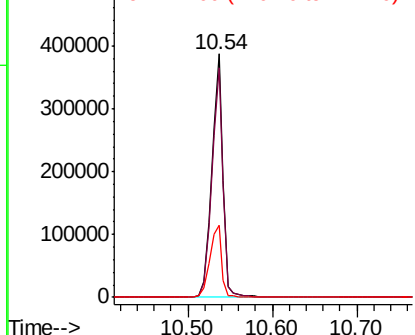
#41
 2,4,6-Tribromophenol
 Concen: 127.014 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109010.D
 Acq: 14 Sep 2018 22:14

Instrument :
 BNA_F
 ClientSampleId :
 FB-091218

Tot Ion:330 Resp: 366032
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 31.2 29.9 44.9

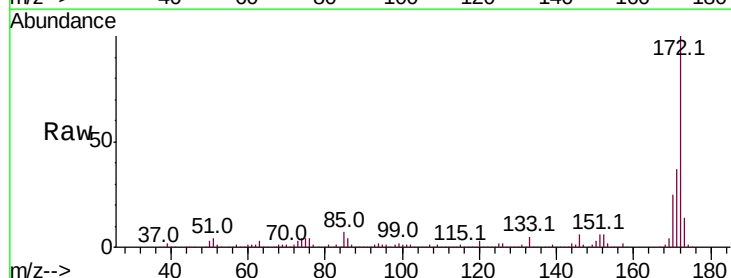


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

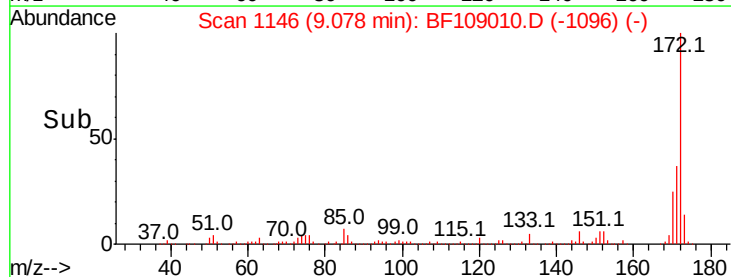
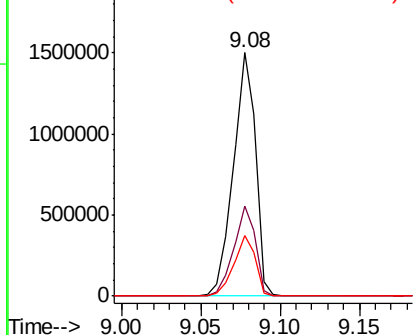


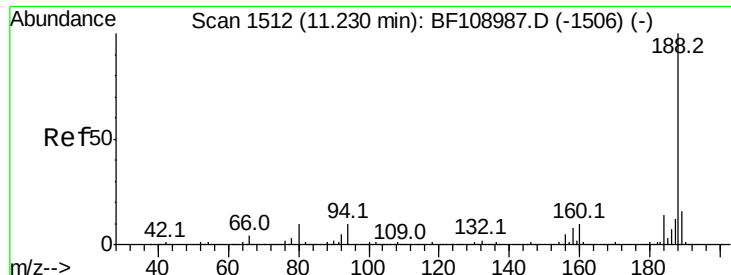
#44
 2-Fluorobiphenyl
 Concen: 85.976 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109010.D
 Acq: 14 Sep 2018 22:14

Tgt Ion:172 Resp: 1457189
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 25.1 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: BF109010.D

Acq: 14 Sep 2018 22:14

Instrument :

BNA_F

ClientSampleId :

FB-091218

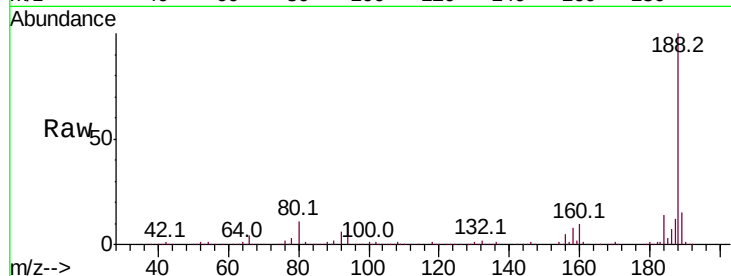
Tot Ion:188 Resp: 575321

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

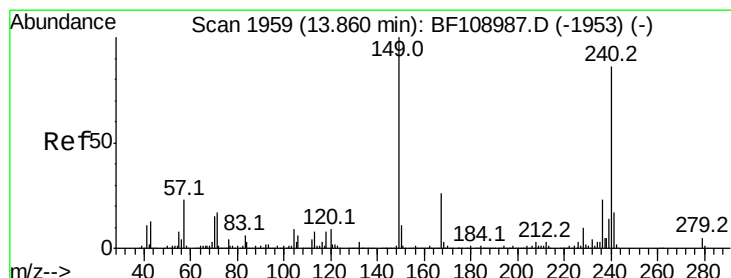
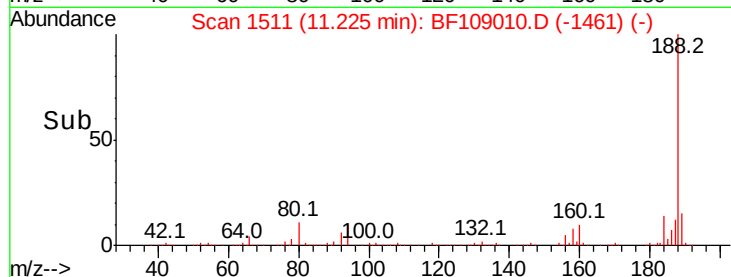
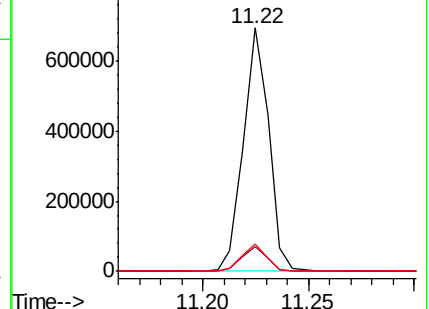
80 11.1 9.2 13.8



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: BF109010.D

Acq: 14 Sep 2018 22:14

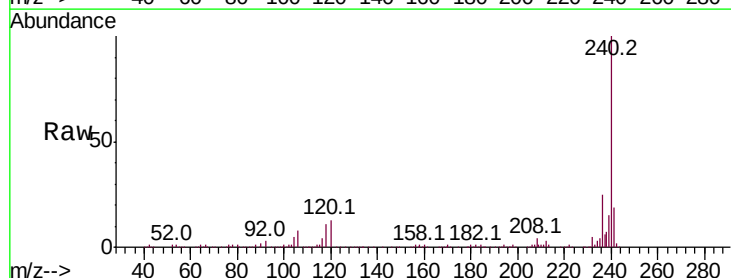
Tgt Ion:240 Resp: 389819

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

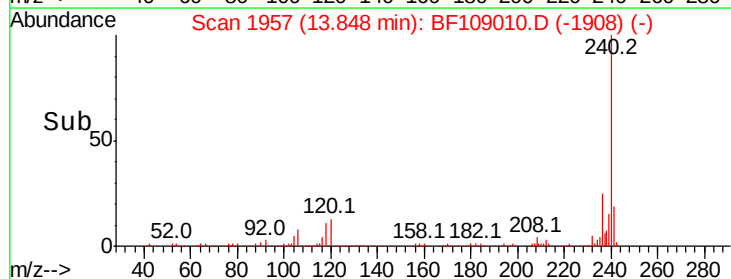
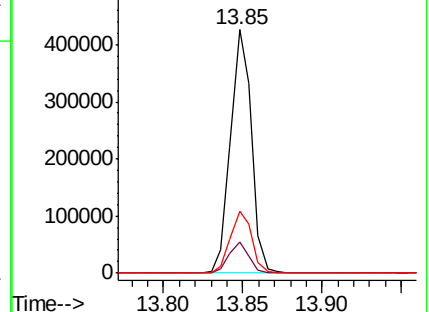
236 25.5 20.7 31.1

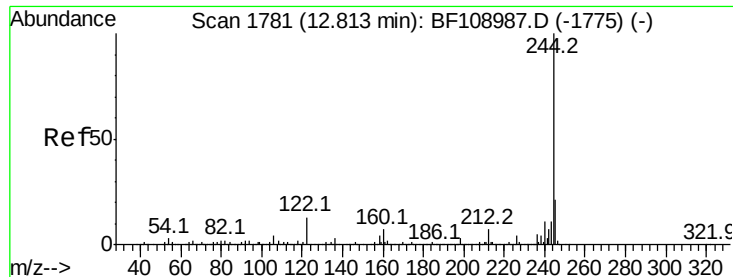


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



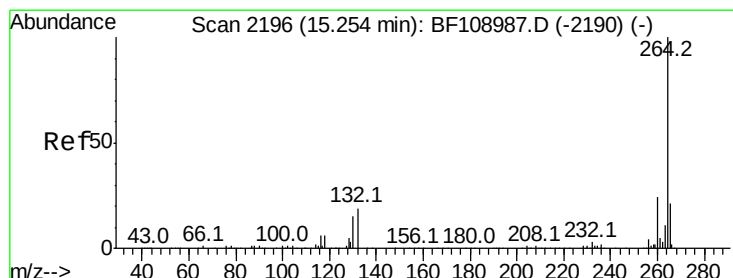
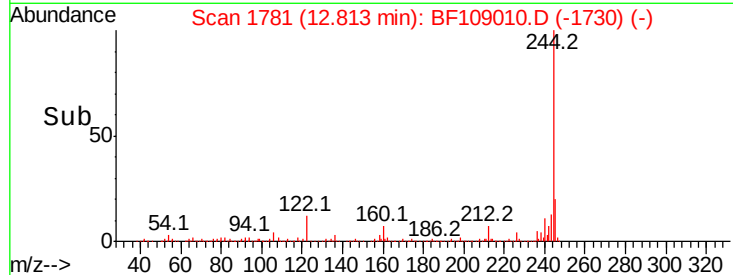
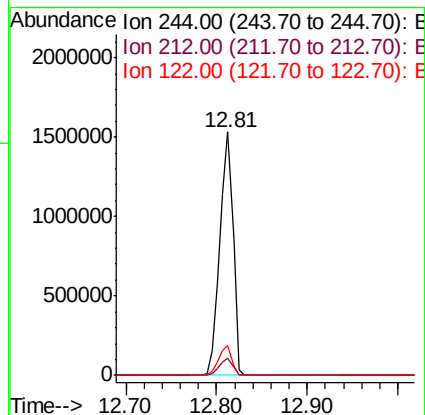
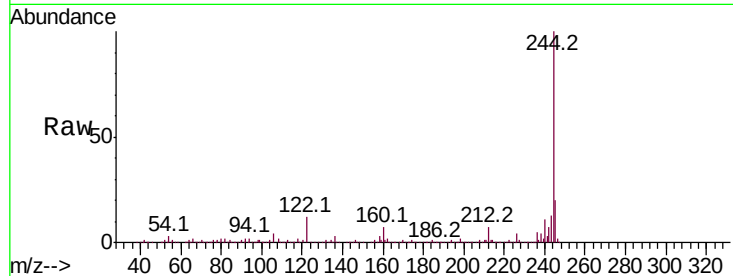


#78
 Terphenyl-d14
 Concen: 92.921 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BF109010.D
 Acq: 14 Sep 2018 22:14

Instrument :
 BNA_F
 ClientSampleId :
 FB-091218

Tot Ion:244 Resp: 1528196

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.1	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF109010.D
 Acq: 14 Sep 2018 22:14

Tgt Ion:264 Resp: 203192

Ion	Ratio	Lower	Upper
264	100		
260	29.2	19.2	28.8#
265	21.3	17.5	26.3

