

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
 Data File : BF108911.D
 Acq On : 10 Sep 2018 23:25
 Operator : JU/SJ
 Sample : PB112743BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BL

Quant Time: Sep 11 04:06:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	181404	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	630038	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	251713	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	412796	20.00	ng	0.00
75) Chrysene-d12	13.87	240	430490	20.00	ng	0.00
86) Perylene-d12	15.28	264	307114	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1106546	101.05	ng	0.02
7) Phenol-d6	6.38	99	1360199	96.54	ng	0.01
23) Nitrobenzene-d5	7.30	82	830190	82.46	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	245835	102.30	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1388000	94.07	ng	0.00
78) Terphenyl-d14	12.83	244	1233223	66.80	ng	0.00

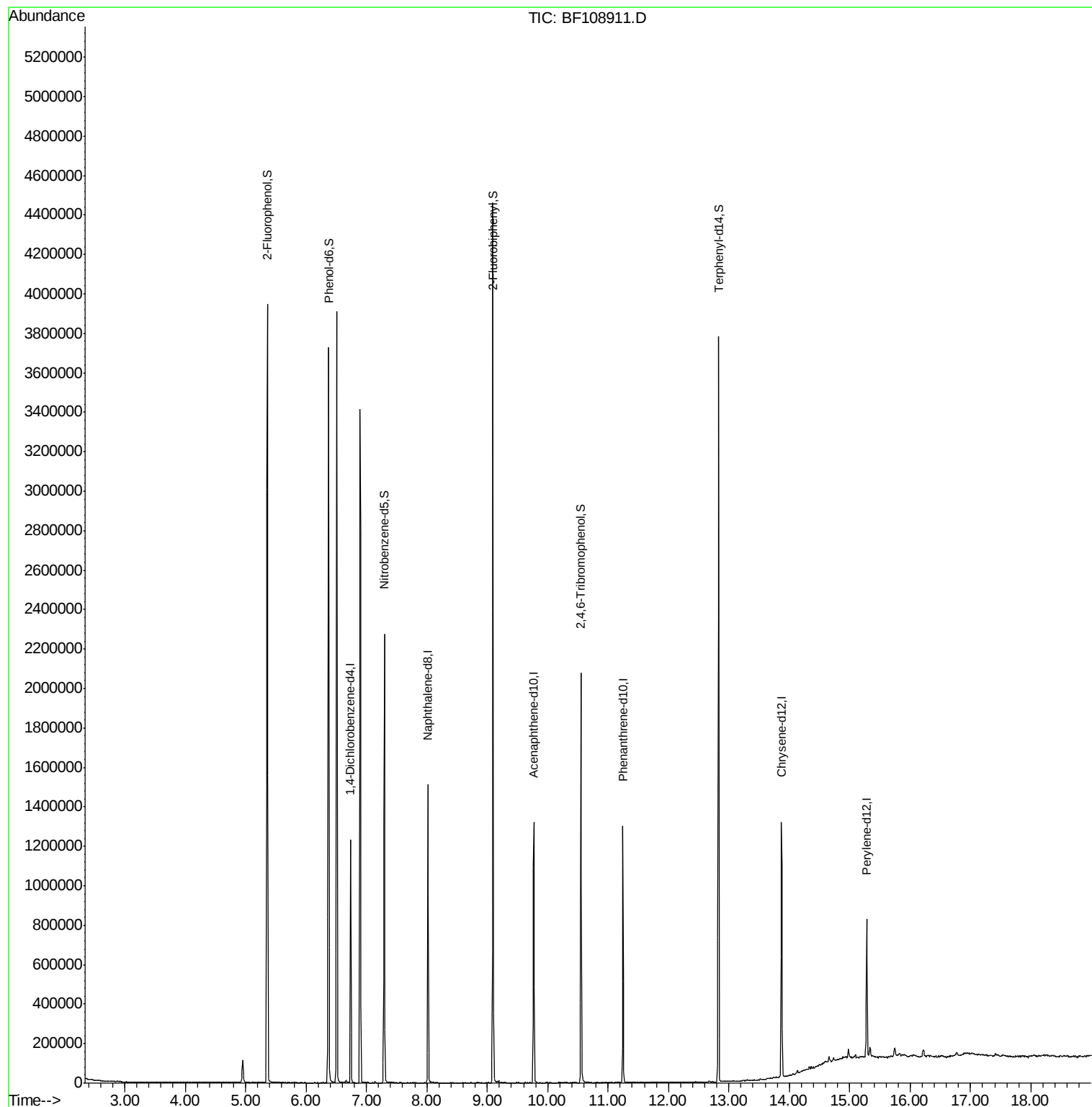
Target Compounds Qvalue

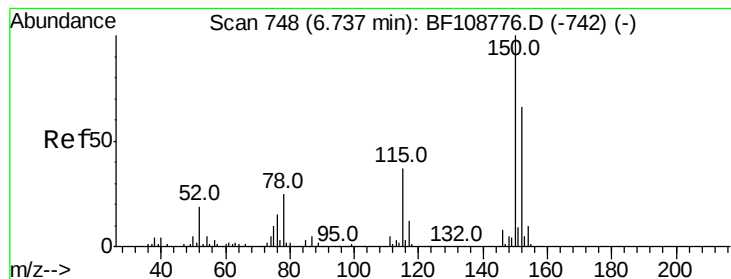
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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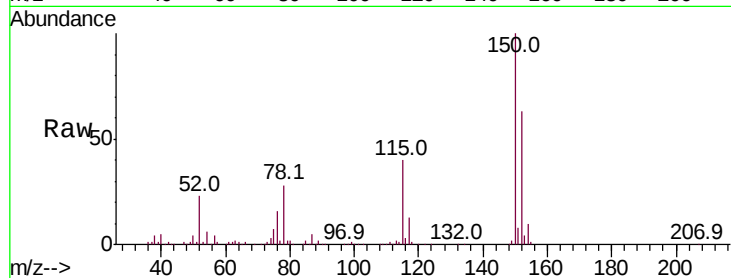


#1

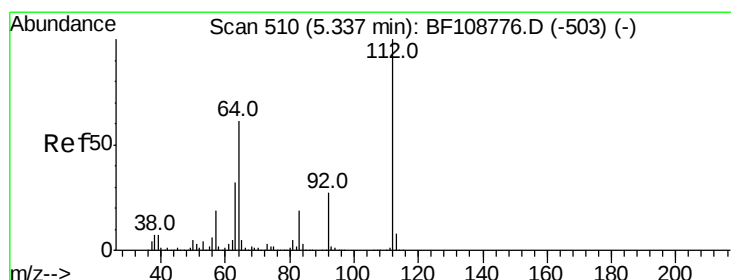
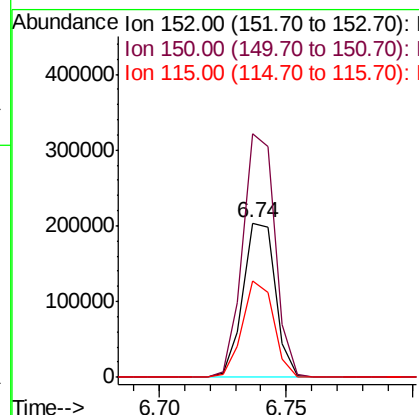
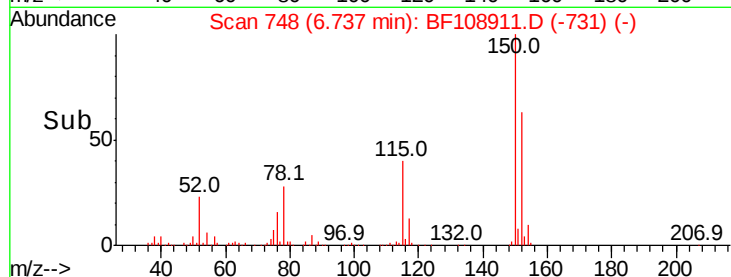
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108911.D
Acq: 10 Sep 2018 23:25

Instrument :
BNA_F
ClientSampleId :
PB112743BL

Tot Ion:152 Resp: 181404
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 62.7 50.1 75.1



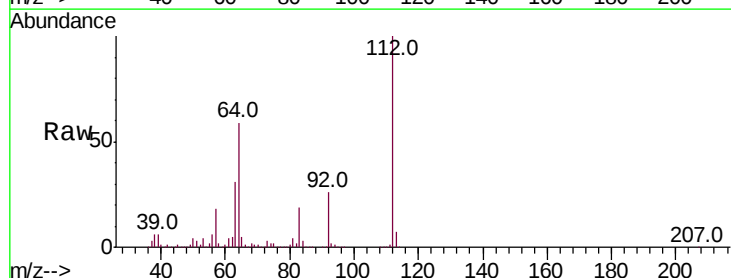
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



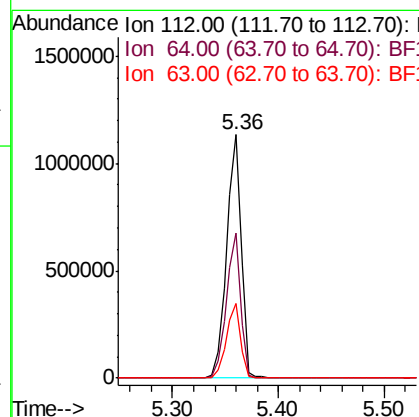
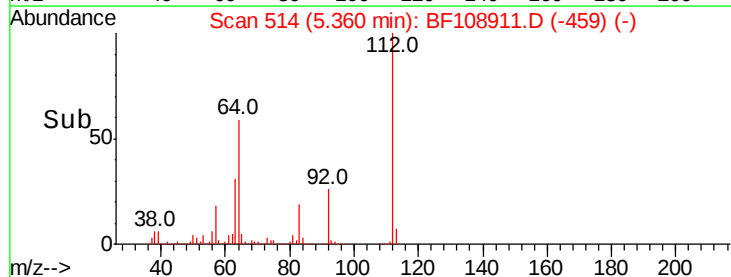
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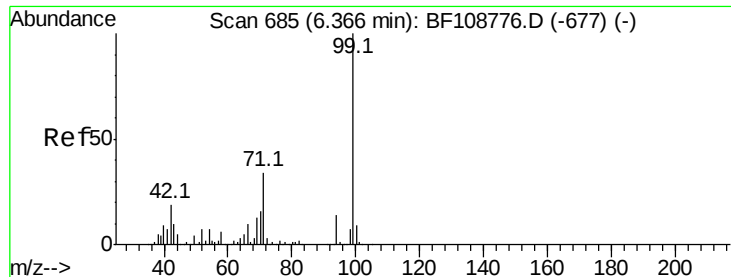
2-Fluorophenol
Concen: 101.055 ng
RT: 5.36 min Scan# 514
Delta R.T. 0.02 min
Lab File: BF108911.D
Acq: 10 Sep 2018 23:25

Tgt Ion:112 Resp: 1106546
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 30.9 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: 96.545 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108911.D

Acq: 10 Sep 2018 23:25

Instrument :

BNA_F

ClientSampleId :

PB112743BL

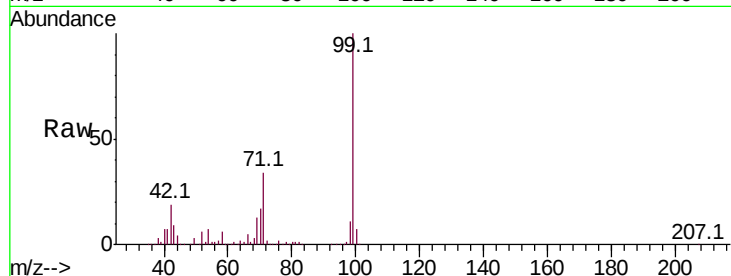
Tot Ion: 99 Resp: 1360199

Ion Ratio Lower Upper

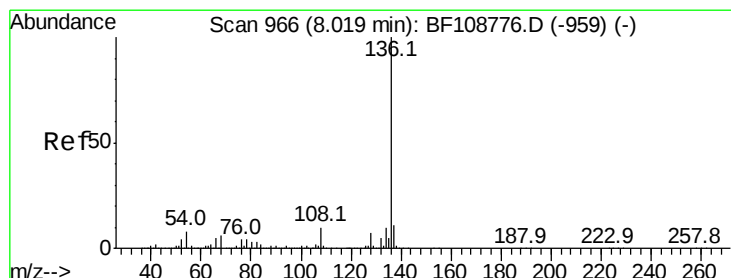
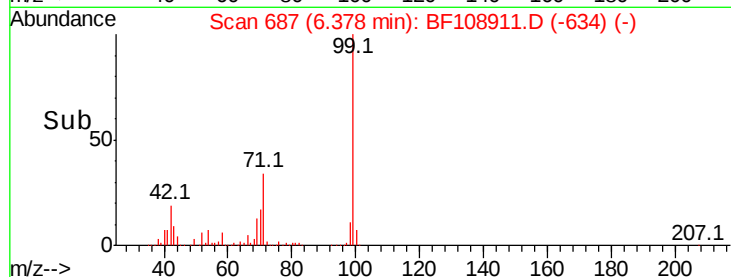
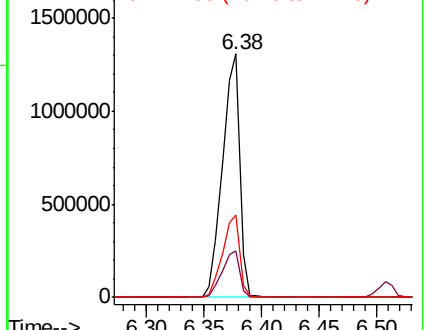
99 100

42 18.9 14.5 21.7

71 33.6 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: 8.02 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF108911.D

Acq: 10 Sep 2018 23:25

Tgt Ion: 136 Resp: 630038

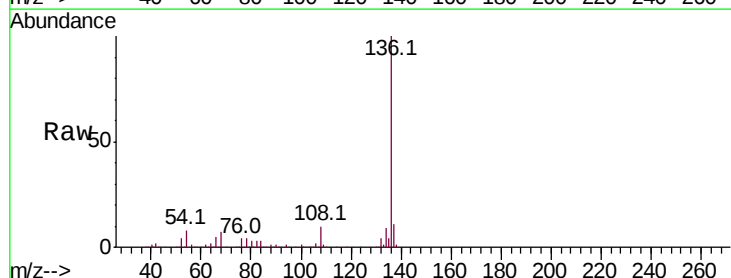
Ion Ratio Lower Upper

136 100

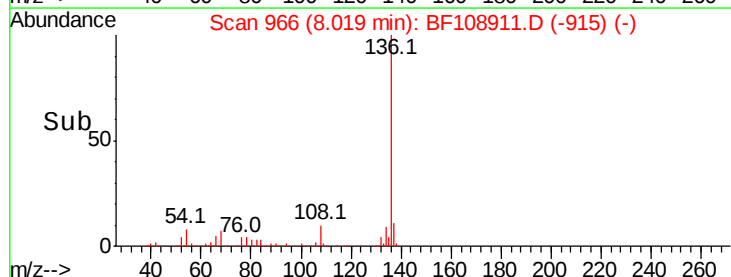
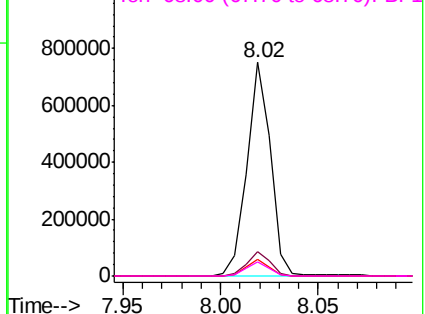
137 11.2 8.9 13.3

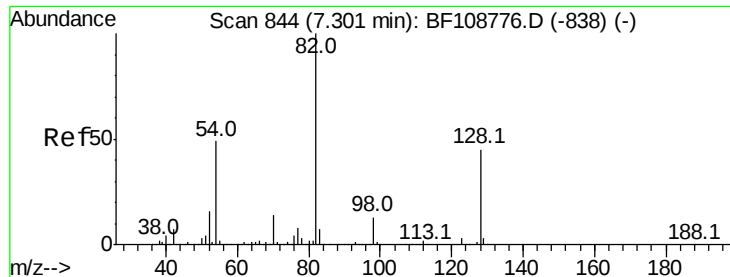
54 7.9 6.6 9.8

68 6.8 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

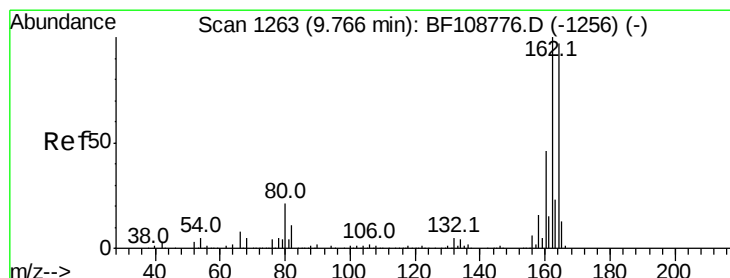
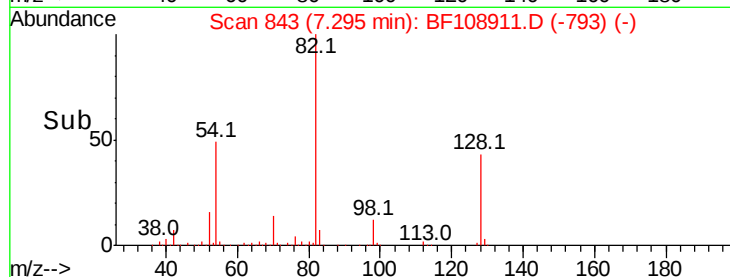
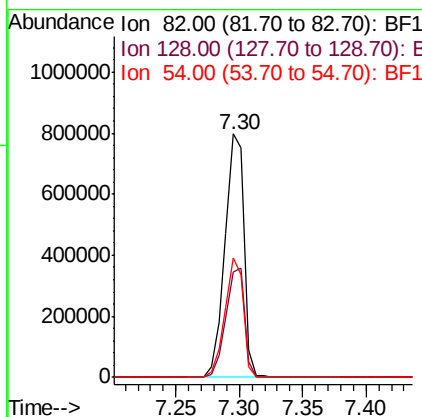
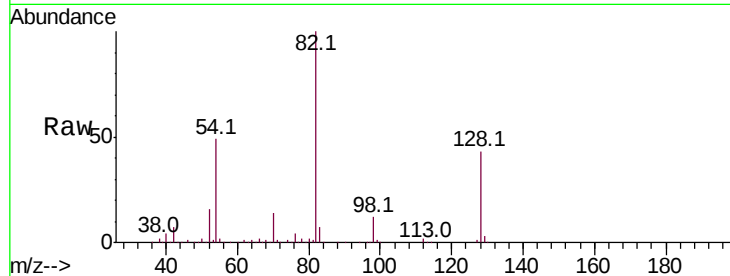




#23
 Nitrobenzene-d5
 Concen: 82.462 ng
 RT: 7.30 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF108911.D
 Acq: 10 Sep 2018 23:25

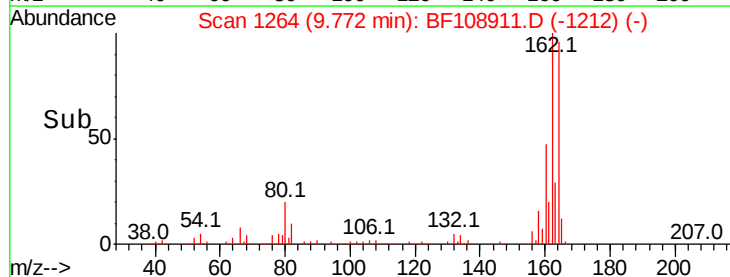
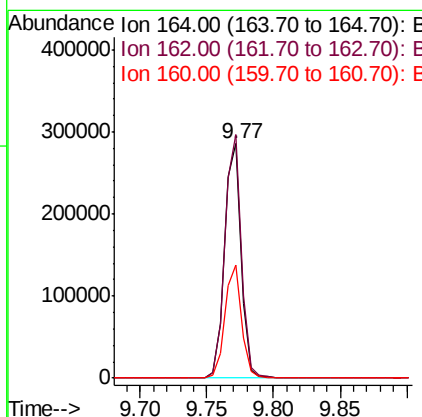
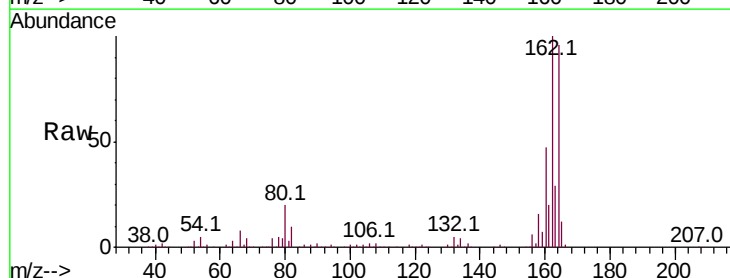
Instrument :
 BNA_F
 ClientSampleId :
 PB112743BL

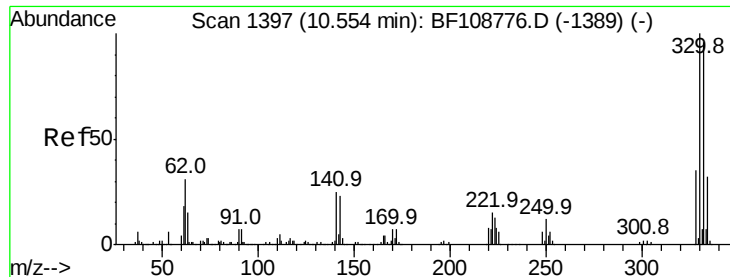
Tot Ion	82	Resp	830190
Ion Ratio	Lower	Upper	
82	100		
128	43.3	36.1	54.1
54	49.1	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BF108911.D
 Acq: 10 Sep 2018 23:25

Tgt Ion	164	Resp	251713
Ion Ratio	Lower	Upper	
164	100		
162	103.9	86.1	129.1
160	48.4	38.3	57.5

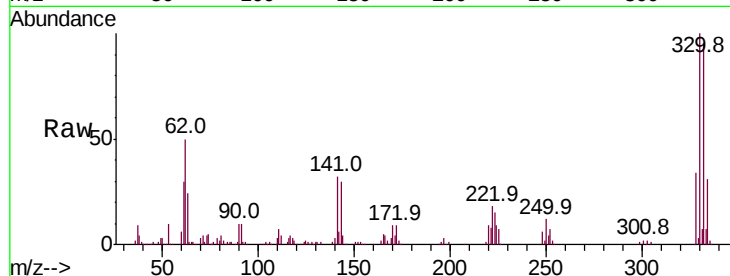




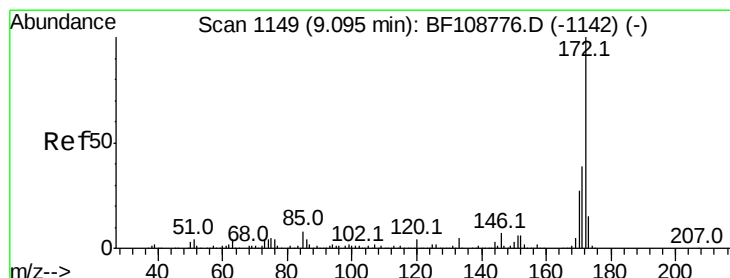
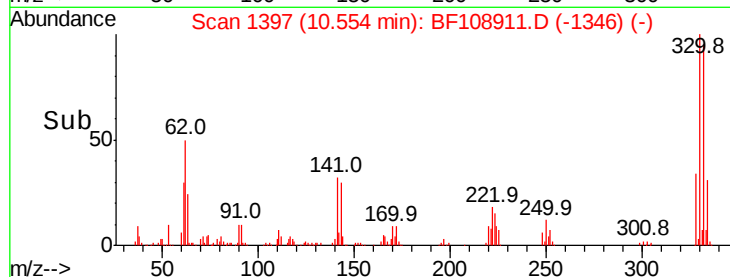
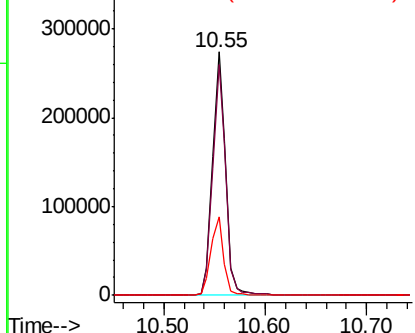
#41
 2,4,6-Tribromophenol
 Concen: 102.304 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF108911.D
 Acq: 10 Sep 2018 23:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	31.7	29.9	44.9

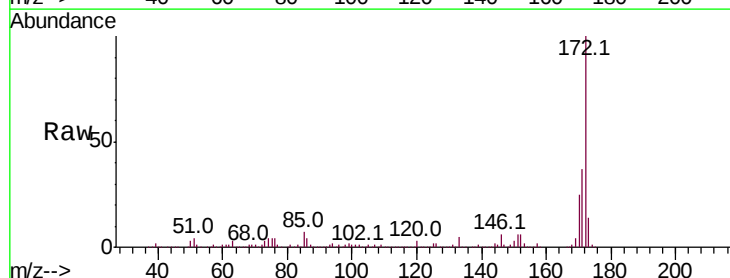


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

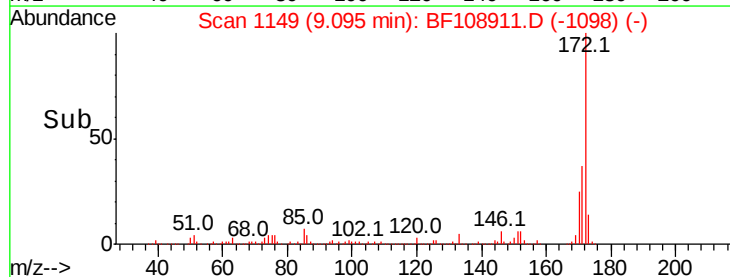
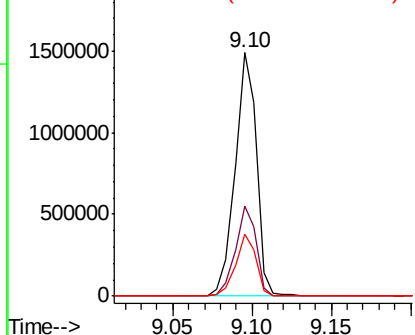


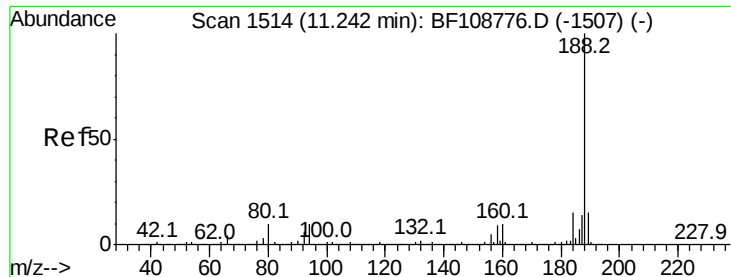
#44
 2-Fluorobiphenyl
 Concen: 94.072 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF108911.D
 Acq: 10 Sep 2018 23:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	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

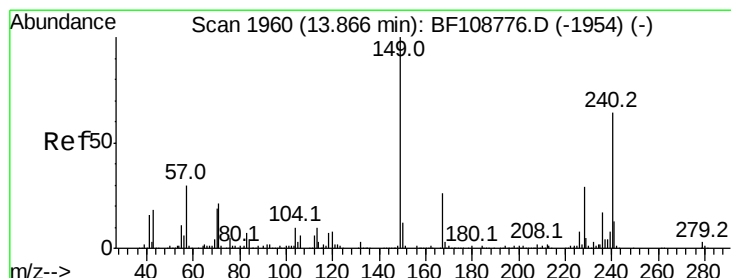
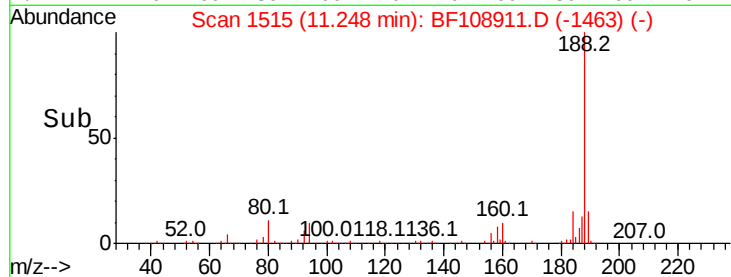
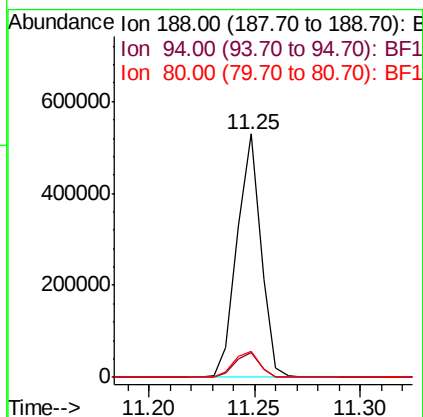
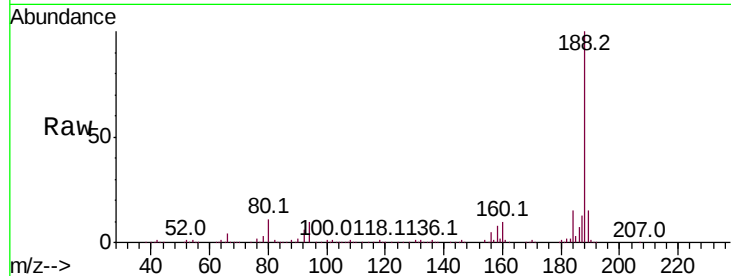




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF108911.D
 Acq: 10 Sep 2018 23:25

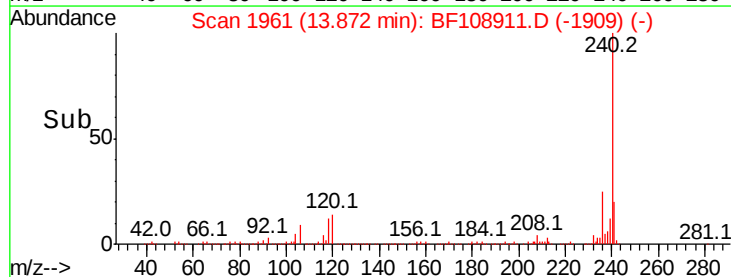
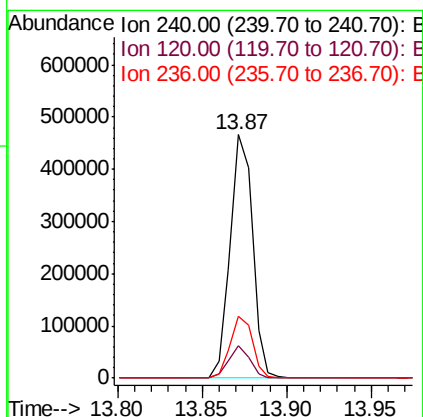
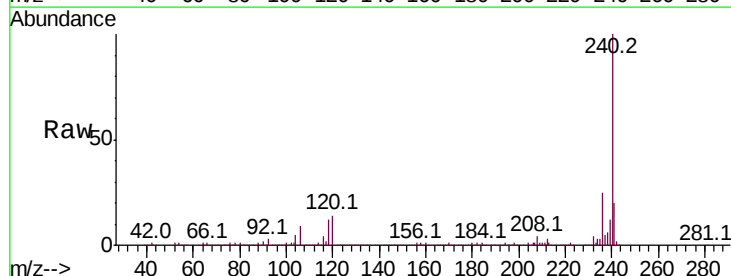
Instrument :
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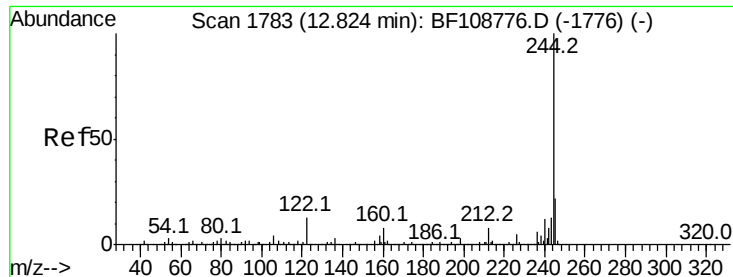
Tot Ion:188 Resp: 412796
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 10.8 9.2 13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: BF108911.D
 Acq: 10 Sep 2018 23:25

Tgt Ion:240 Resp: 430490
 Ion Ratio Lower Upper
 240 100
 120 13.5 9.5 14.3
 236 25.3 20.7 31.1



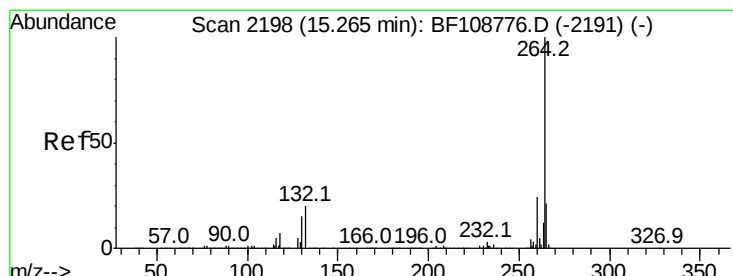
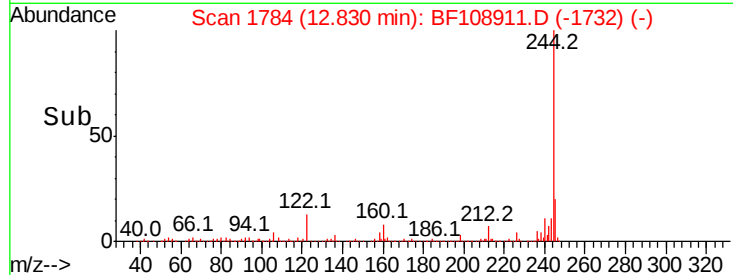
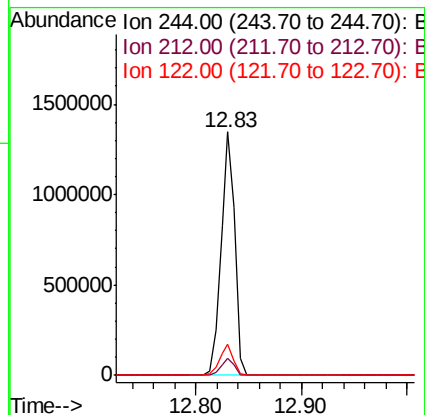
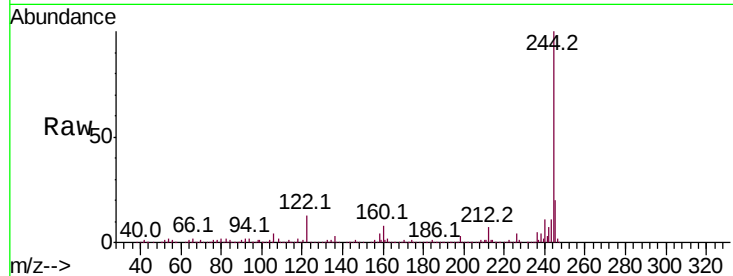


#78
 Terphenyl-d14
 Concen: 66.802 ng
 RT: 12.83 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: BF108911.D
 Acq: 10 Sep 2018 23:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BL

Tot Ion:244 Resp: 1233223

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	12.7	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2201
 Delta R.T. 0.02 min
 Lab File: BF108911.D
 Acq: 10 Sep 2018 23:25

Tgt Ion:264 Resp: 307114

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.5	26.3

