

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
 Data File : BF108851.D
 Acq On : 7 Sep 2018 11:01
 Operator : JU/SJ
 Sample : PB112638BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112638BL

Quant Time: Sep 07 13:33:21 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	295265	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	1129870	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	563816	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	1112390	20.00	ng	0.00
75) Chrysene-d12	13.87	240	975872	20.00	ng	0.00
86) Perylene-d12	15.28	264	822551	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1696300	95.18	ng	0.02
7) Phenol-d6	6.37	99	2239520	97.66	ng	0.00
23) Nitrobenzene-d5	7.30	82	1399577	77.52	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	615856	114.42	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2391419	72.36	ng	0.00
78) Terphenyl-d14	12.83	244	2618527	62.57	ng	0.00

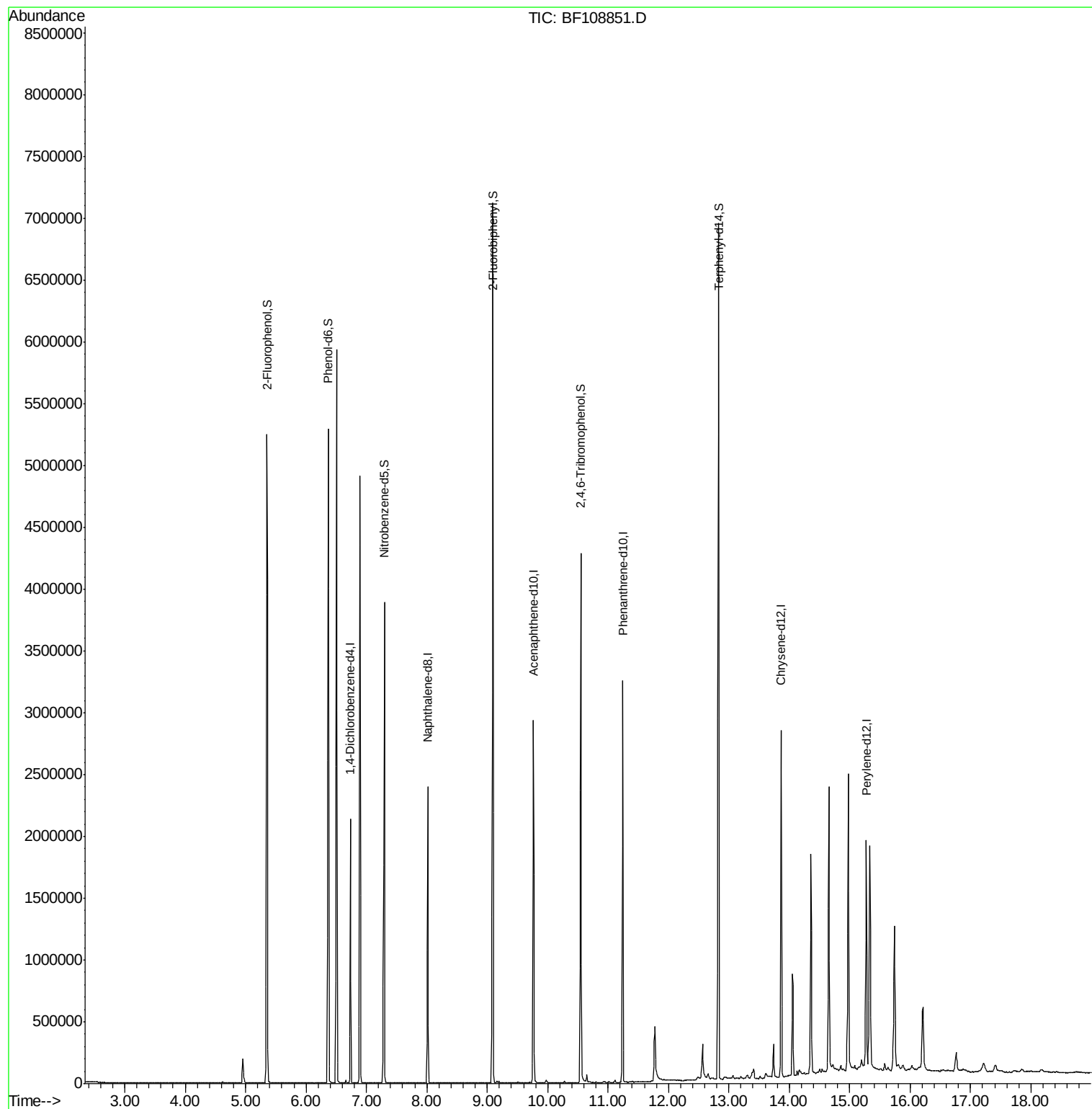
Target Compounds Qvalue

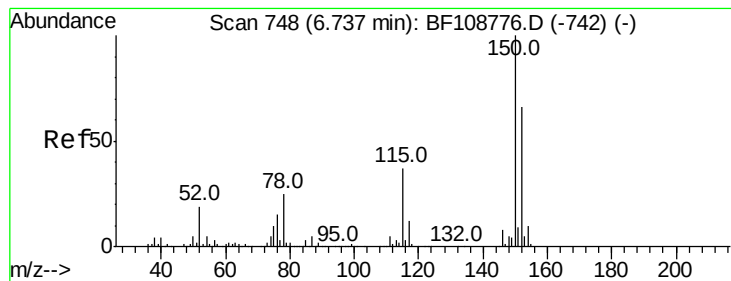
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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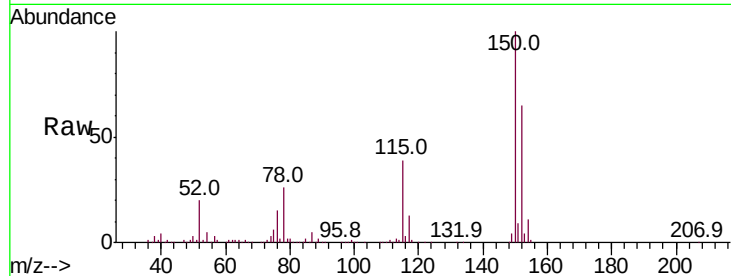


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Instrument :
BNA_F
ClientSampleId :
PB112638BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	59.7	50.1	75.1

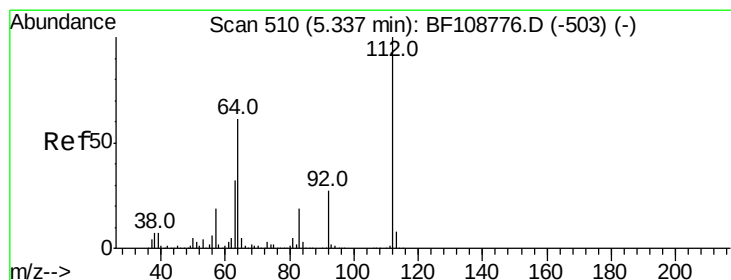
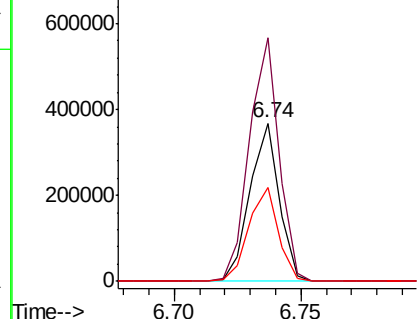
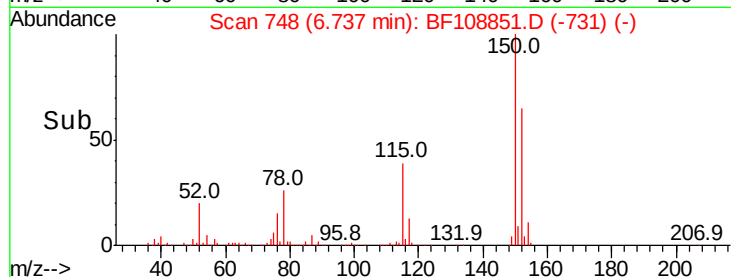


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

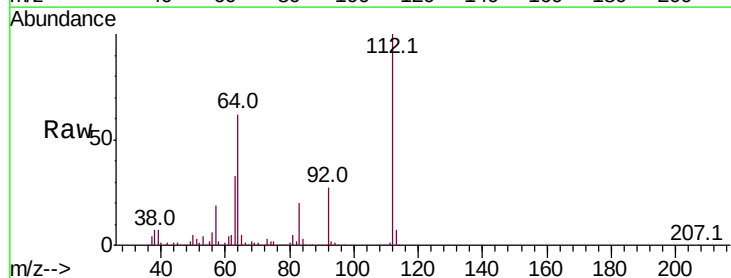
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.176 ng
RT: 5.35 min Scan# 513
Delta R.T. 0.02 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	47.9	71.9
63	32.8	23.7	35.5

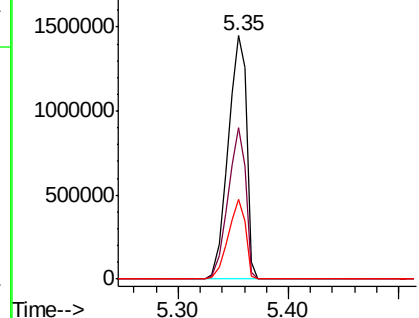
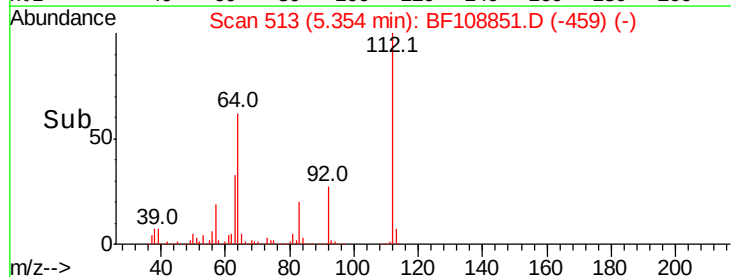


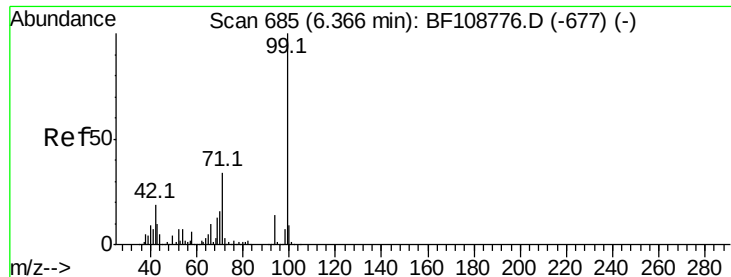
Abundance

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: 97.660 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108851.D

Acq: 7 Sep 2018 11:01

Instrument :

BNA_F

ClientSampleId :

PB112638BL

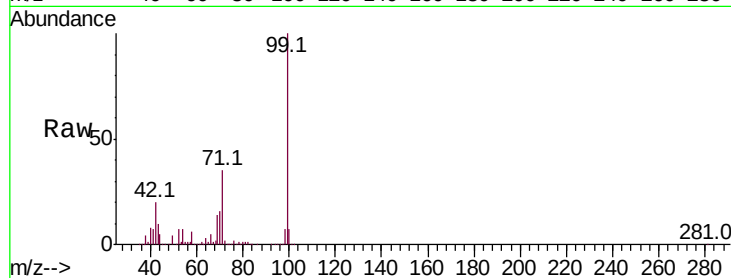
Tot Ion: 99 Resp: 2239520

Ion Ratio Lower Upper

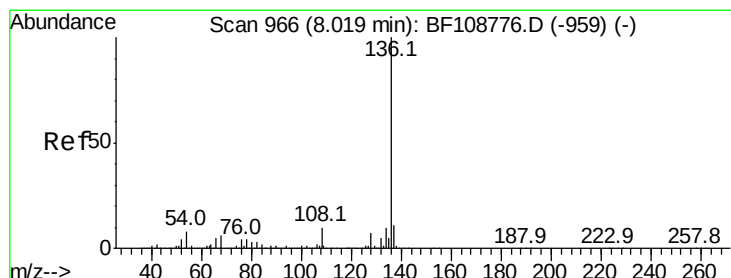
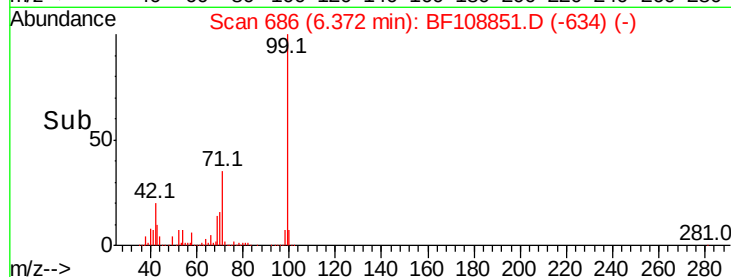
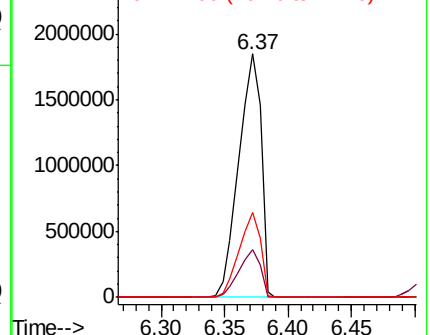
99 100

42 19.7 14.5 21.7

71 34.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
2500000
Ion 42.00 (41.70 to 42.70): BF1
2000000
Ion 71.00 (70.70 to 71.70): BF1
1500000
1000000
500000
0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF108851.D

Acq: 7 Sep 2018 11:01

Tgt Ion: 136 Resp: 1129870

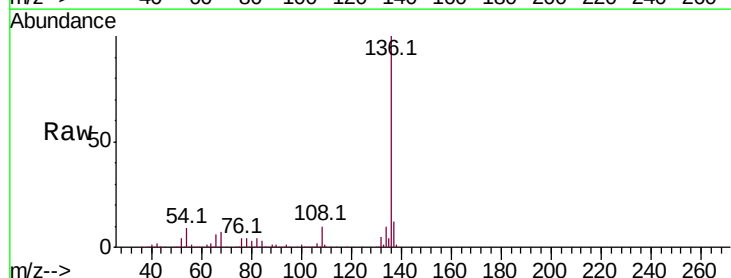
Ion Ratio Lower Upper

136 100

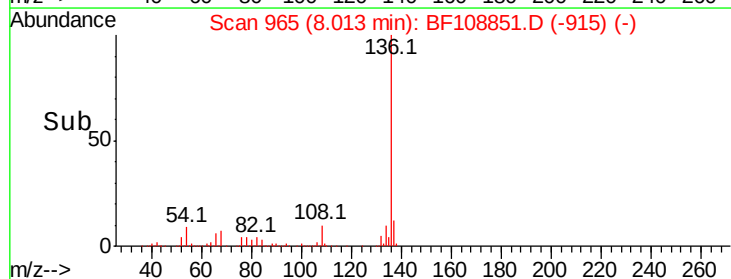
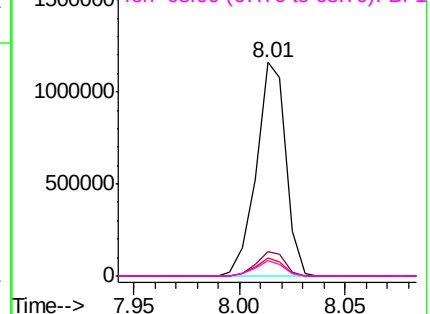
137 11.6 8.9 13.3

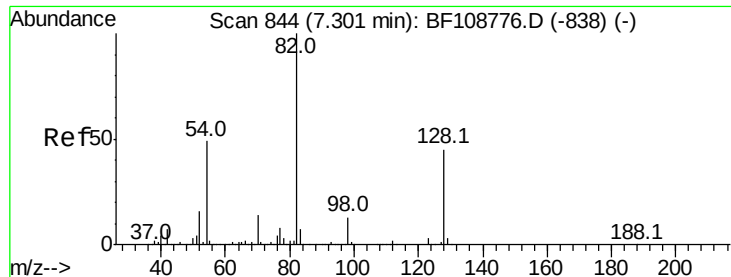
54 8.6 6.6 9.8

68 7.1 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF1
500000
Ion 68.00 (67.70 to 68.70): BF1
0

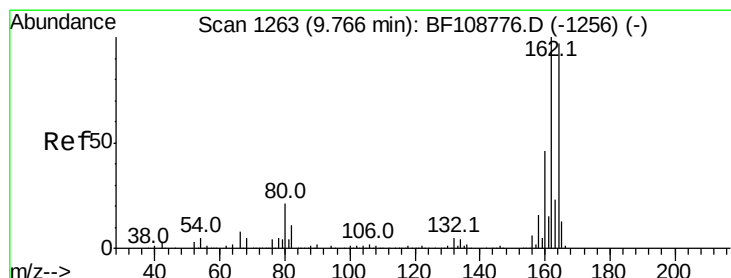
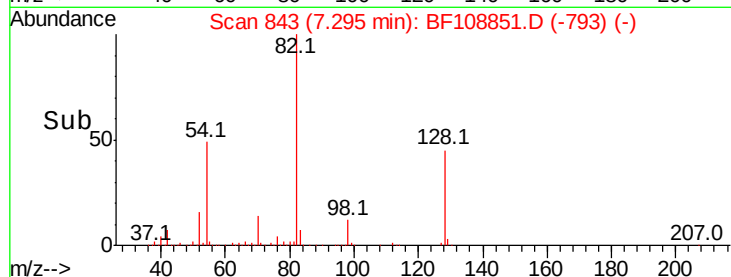
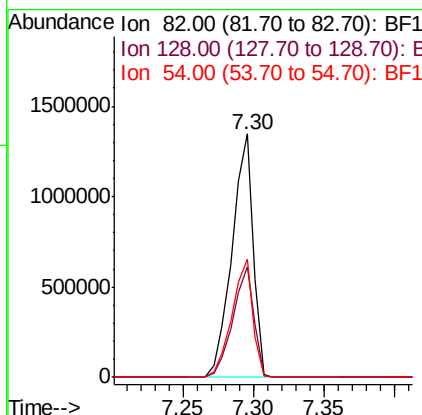
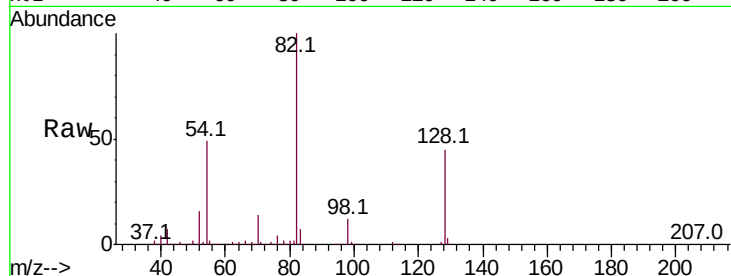




#23
 Nitrobenzene-d5
 Concen: 77.519 ng
 RT: 7.30 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF108851.D
 Acq: 7 Sep 2018 11:01

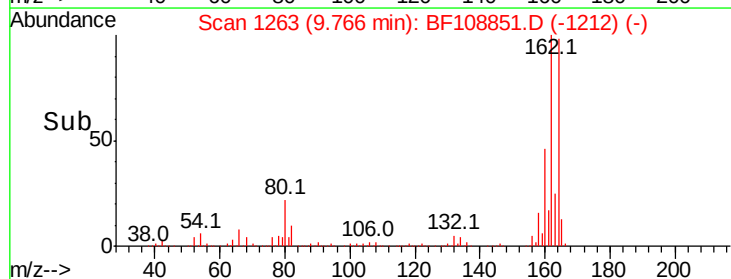
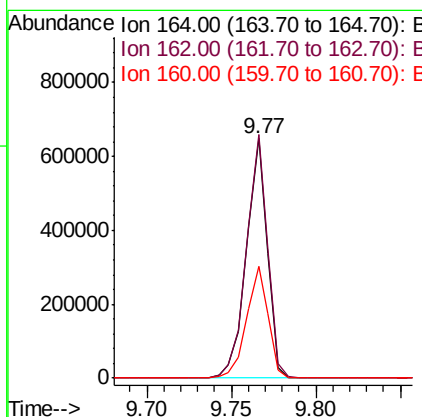
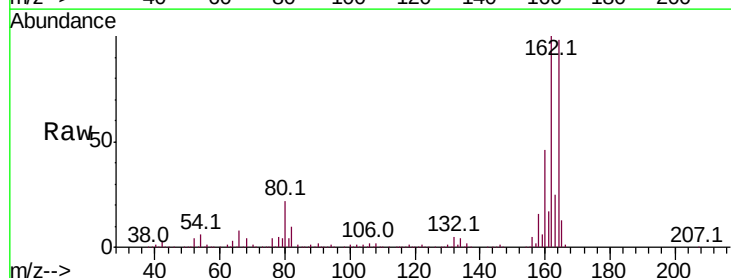
Instrument :
 BNA_F
 ClientSampleId :
 PB112638BL

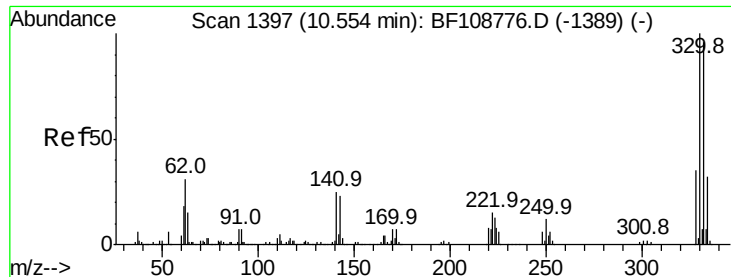
Tot Ion: 82 Resp: 1399577
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.1 54.1
 54 48.7 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BF108851.D
 Acq: 7 Sep 2018 11:01

Tgt Ion:164 Resp: 563816
 Ion Ratio Lower Upper
 164 100
 162 101.7 86.1 129.1
 160 46.9 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 114.419 ng

RT: 10.55 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BF108851.D

Acq: 7 Sep 2018 11:01

Instrument :

BNA_F

ClientSampleId :

PB112638BL

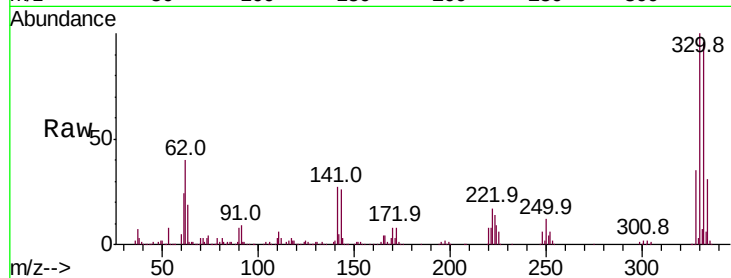
Tot Ion:330 Resp: 615856

Ion Ratio Lower Upper

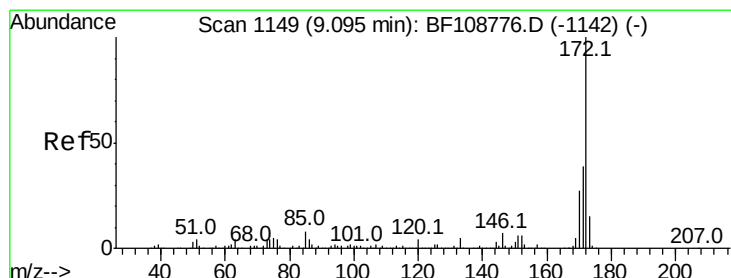
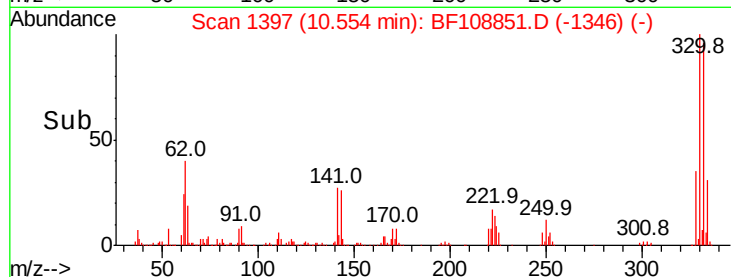
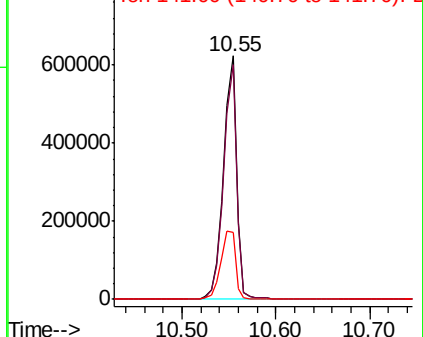
330 100

332 96.1 77.0 115.6

141 31.6 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: 72.359 ng

RT: 9.10 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF108851.D

Acq: 7 Sep 2018 11:01

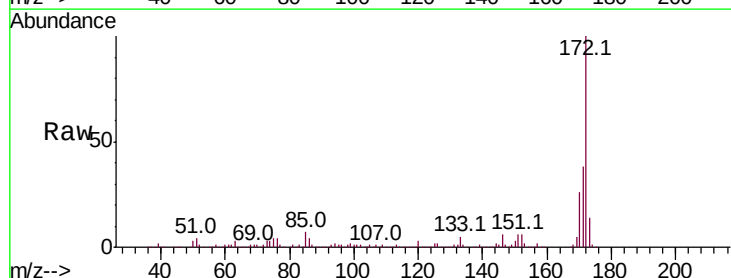
Tgt Ion:172 Resp: 2391419

Ion Ratio Lower Upper

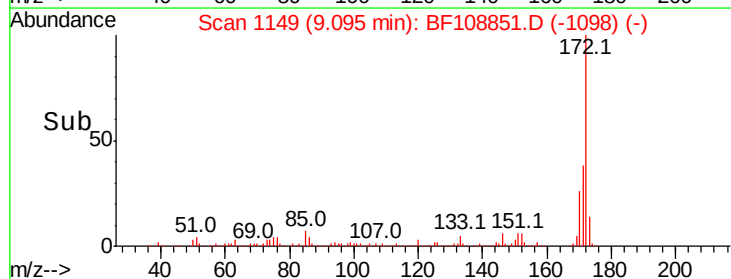
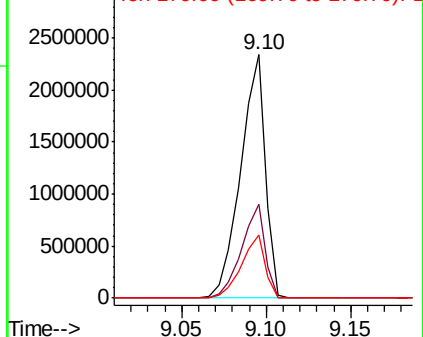
172 100

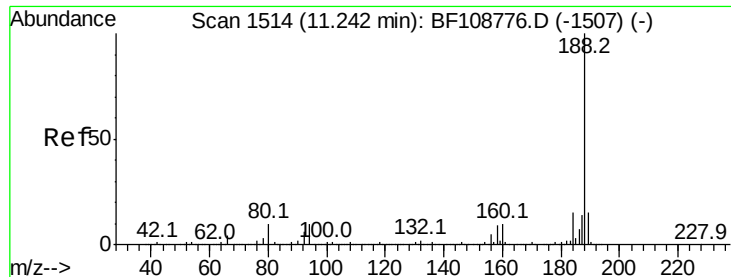
171 38.4 29.7 44.5

170 26.2 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

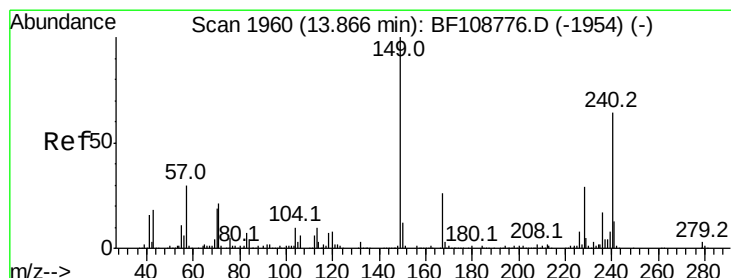
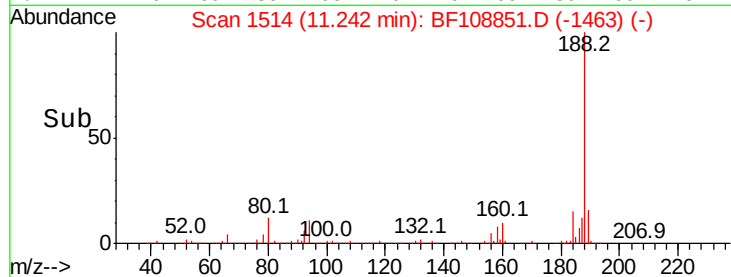
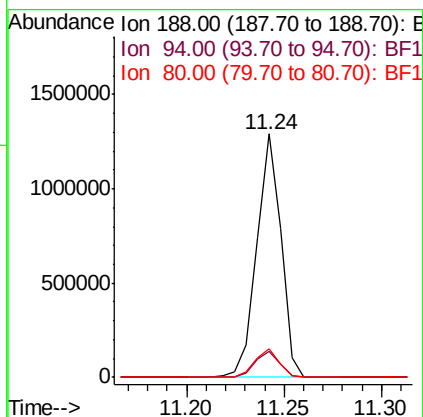
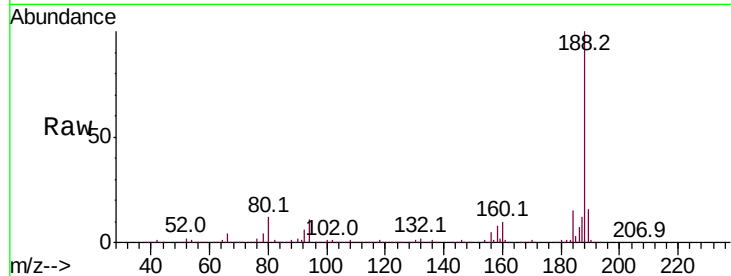




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

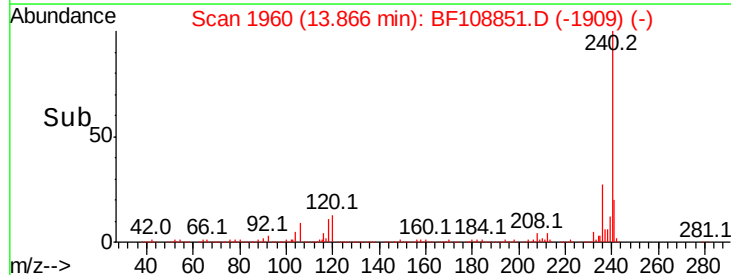
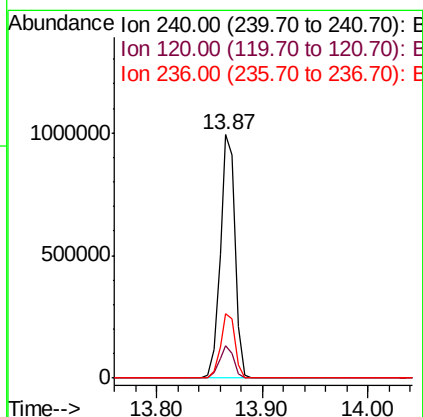
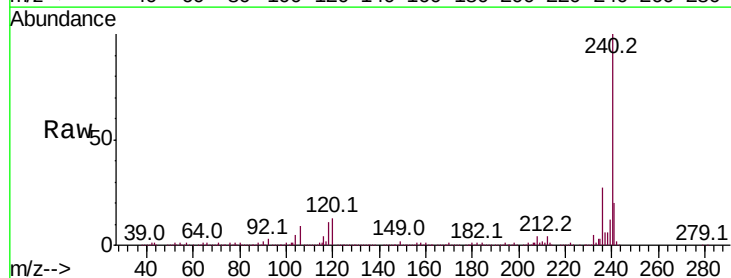
Instrument :
BNA_F
ClientSampleId :
PB112638BL

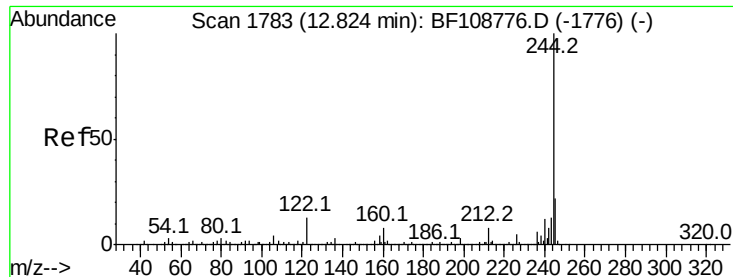
Tot Ion:188 Resp: 1112390
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BF108851.D
Acq: 7 Sep 2018 11:01

Tgt Ion:240 Resp: 975872
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 26.6 20.7 31.1



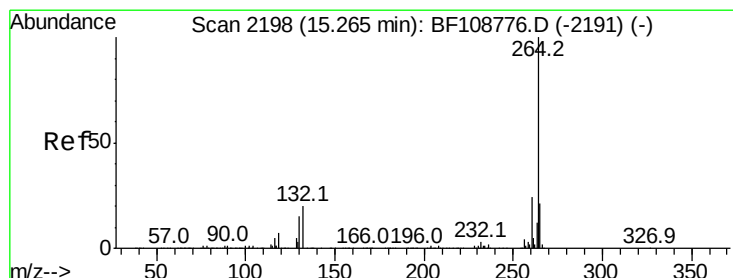
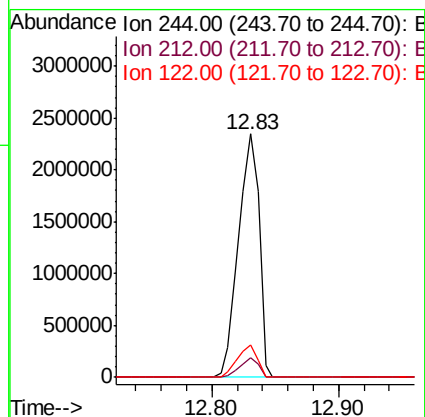
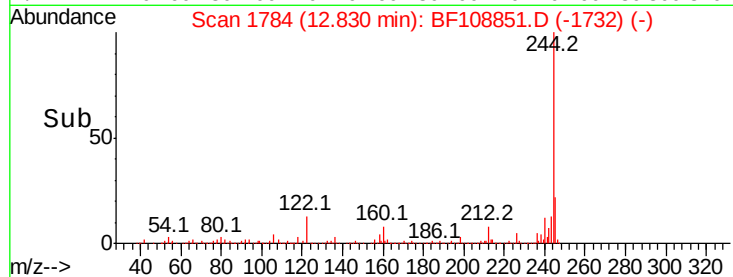
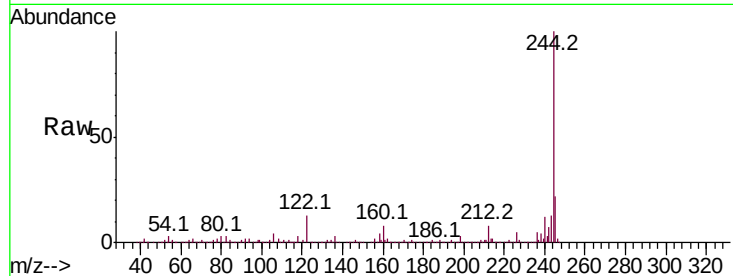


#78
 Terphenyl-d14
 Concen: 62.571 ng
 RT: 12.83 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: BF108851.D
 Acq: 7 Sep 2018 11:01

Instrument :
 BNA_F
 ClientSampleId :
 PB112638BL

Tot Ion:244 Resp: 2618527

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.4	8.0
122	13.2	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BF108851.D
 Acq: 7 Sep 2018 11:01

Tgt Ion:264 Resp: 822551

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.9	17.5	26.3

