

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
 Data File : BF108826.D
 Acq On : 6 Sep 2018 16:34
 Operator : JU/SJ
 Sample : PB112638BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112638BL

Quant Time: Sep 06 17:11:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 06 16:49:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	324645	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	1250386	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	621025	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	1201806	20.00	ng	0.00
75) Chrysene-d12	13.87	240	992228	20.00	ng	-0.01
86) Perylene-d12	15.27	264	839748	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	2115204	107.94	ng	0.02
7) Phenol-d6	6.37	99	2718169	107.81	ng	0.00
23) Nitrobenzene-d5	7.30	82	1803519	90.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	736287	124.19	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	3001729	82.46	ng	0.00
78) Terphenyl-d14	12.83	244	3077782	72.33	ng	0.00

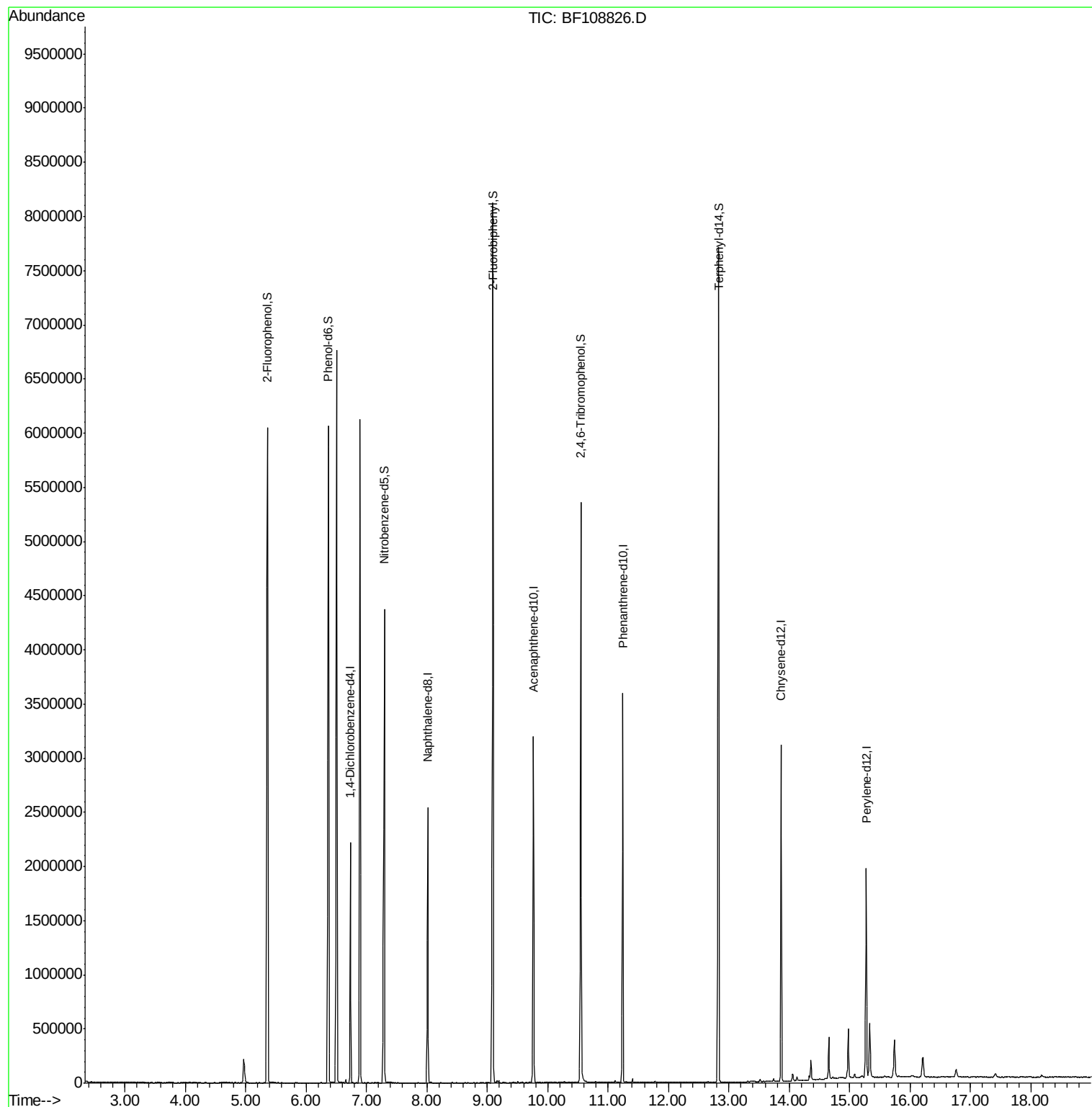
Target Compounds Qvalue

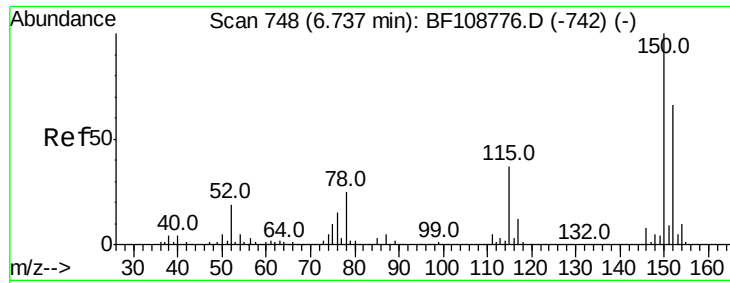
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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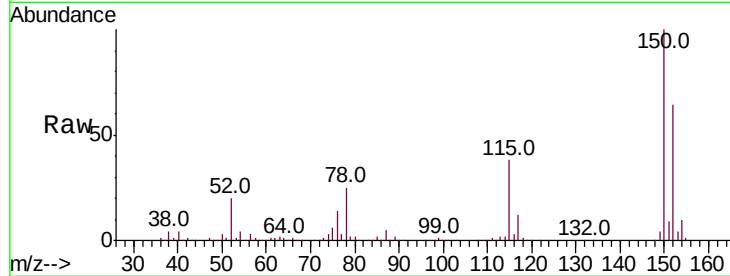


#1

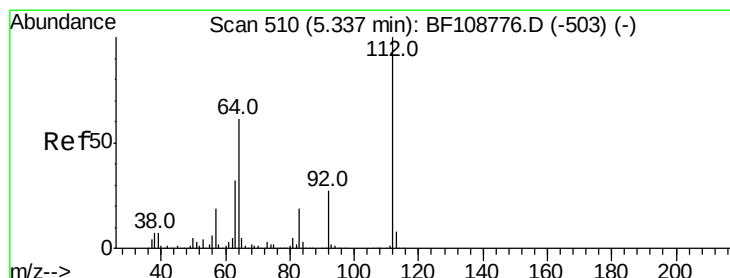
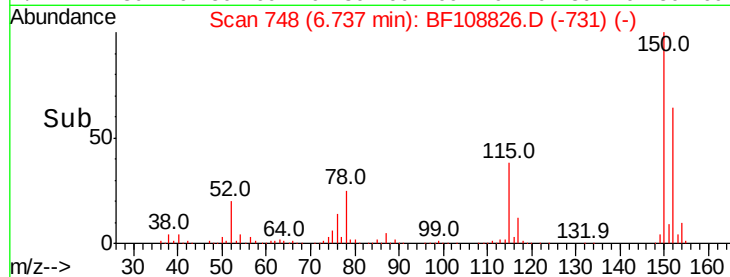
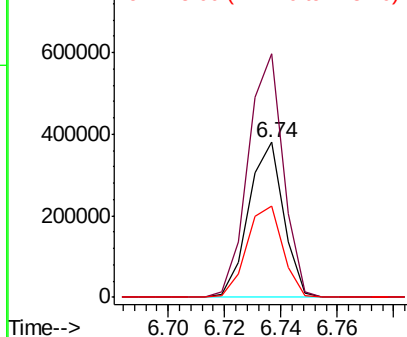
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108826.D
Acq: 6 Sep 2018 16:34

Instrument :
BNA_F
ClientSampleId :
PB112638BL

Tot Ion:152 Resp: 324645
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 59.2 50.1 75.1



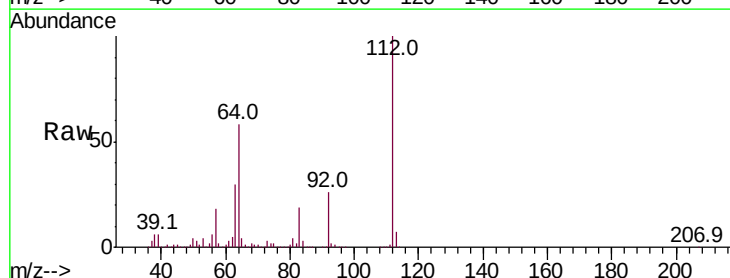
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



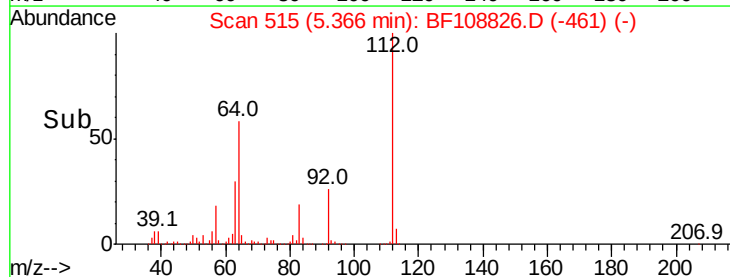
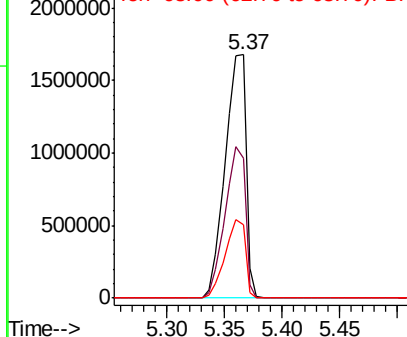
#5

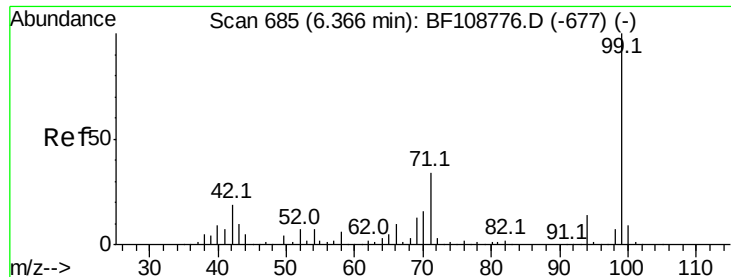
2-Fluorophenol
Concen: 107.939 ng
RT: 5.37 min Scan# 515
Delta R.T. 0.02 min
Lab File: BF108826.D
Acq: 6 Sep 2018 16:34

Tgt Ion:112 Resp: 2115204
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 29.9 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: 107.805 ng

RT: 6.37 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF108826.D

Acq: 6 Sep 2018 16:34

Instrument :

BNA_F

ClientSampled :

PB112638BL

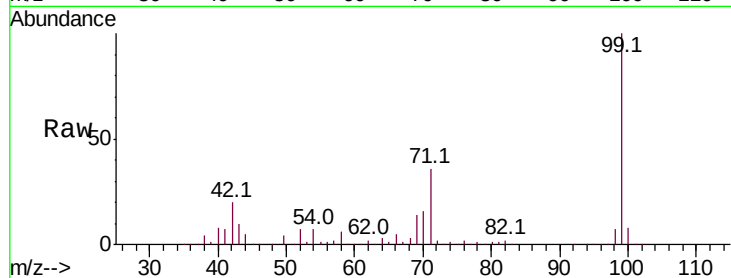
Tot Ion: 99 Resp: 2718169

Ion Ratio Lower Upper

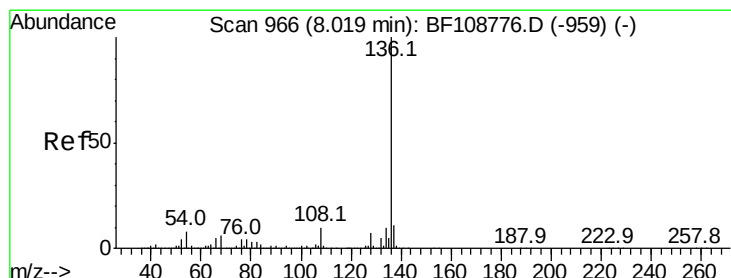
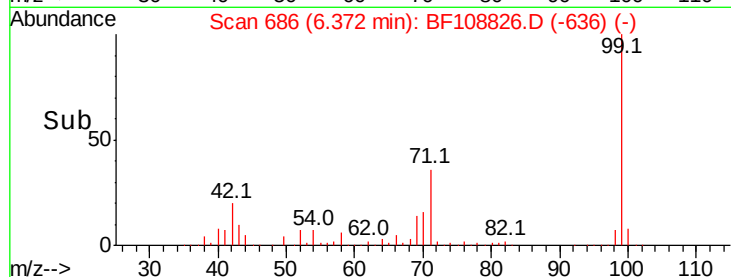
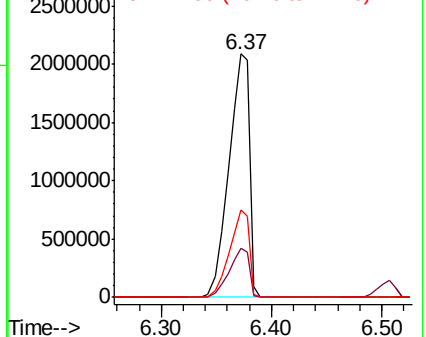
99 100

42 20.2 14.5 21.7

71 35.7 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: 8.01 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF108826.D

Acq: 6 Sep 2018 16:34

Tgt Ion: 136 Resp: 1250386

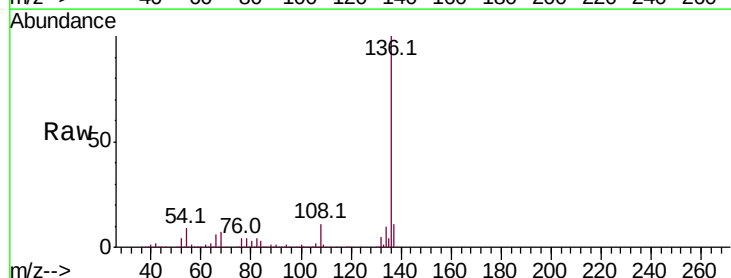
Ion Ratio Lower Upper

136 100

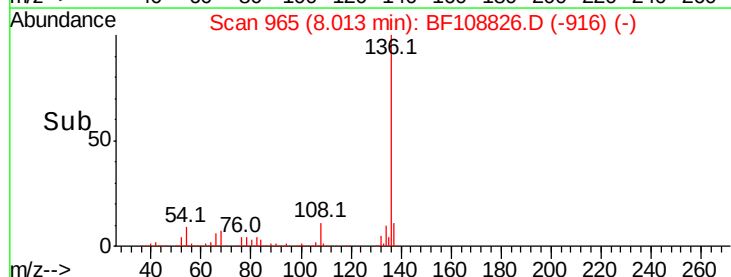
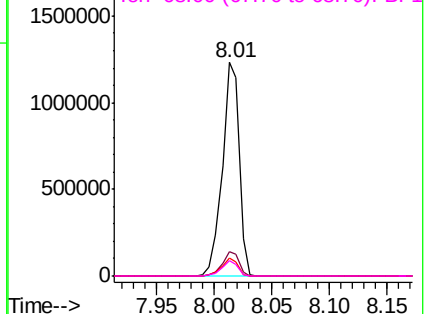
137 11.4 8.9 13.3

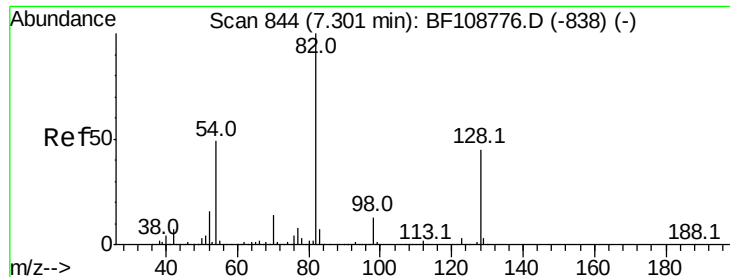
54 8.6 6.6 9.8

68 7.2 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: 90.265 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF108826.D

Acq: 6 Sep 2018 16:34

Instrument :

BNA_F

ClientSampleId :

PB112638BL

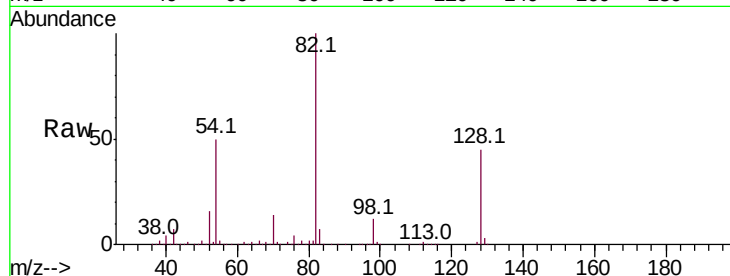
Tot Ion: 82 Resp: 1803519

Ion Ratio Lower Upper

82 100

128 44.8 36.1 54.1

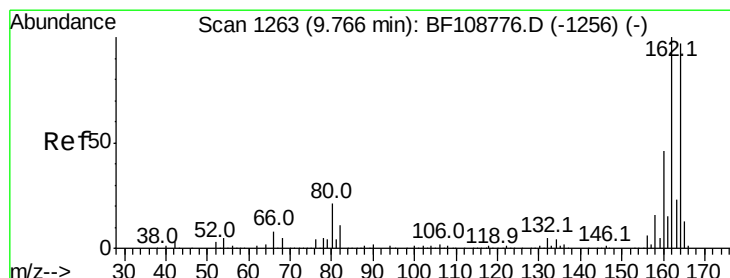
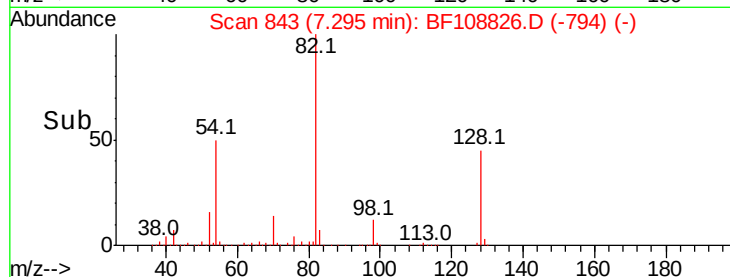
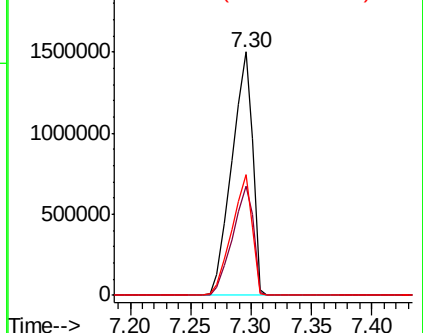
54 49.6 41.4 62.2



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: 9.77 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF108826.D

Acq: 6 Sep 2018 16:34

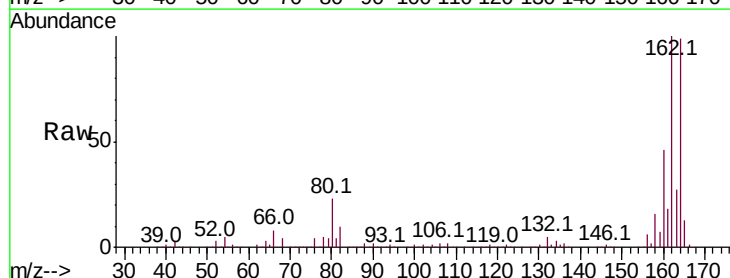
Tgt Ion:164 Resp: 621025

Ion Ratio Lower Upper

164 100

162 100.9 86.1 129.1

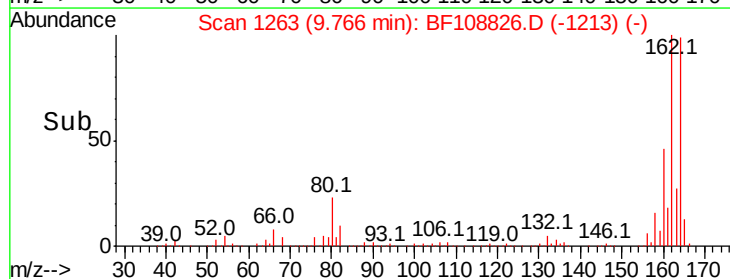
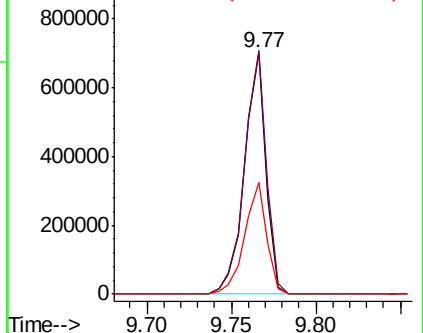
160 46.4 38.3 57.5

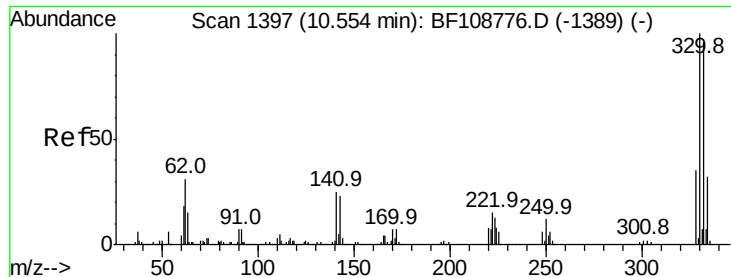


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

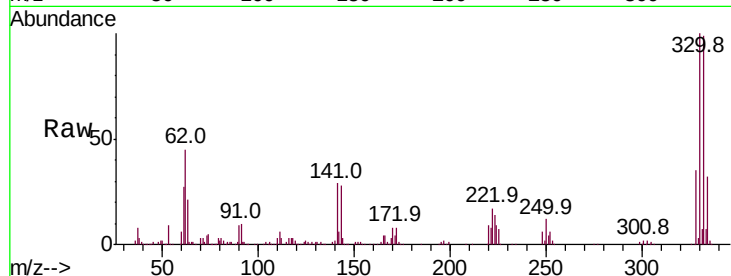




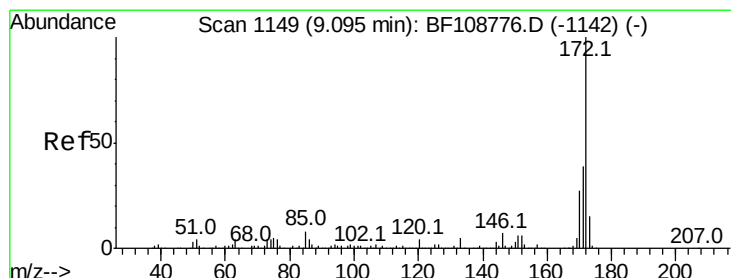
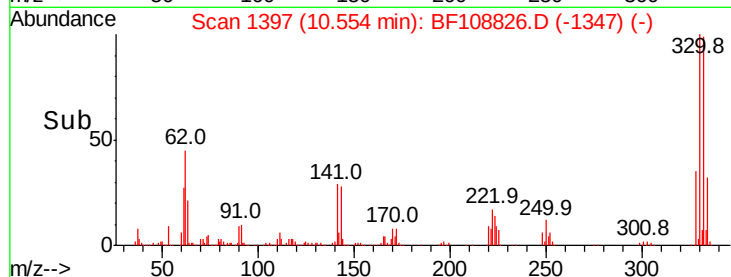
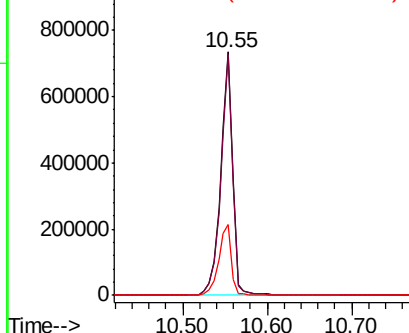
#41
 2,4,6-Tribromophenol
 Concen: 124.192 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF108826.D
 Acq: 6 Sep 2018 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB112638BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	31.4	29.9	44.9

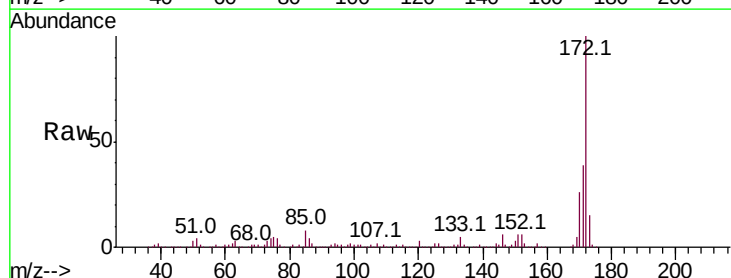


Abundance Ion 329.80 (329.50 to 330.50): E
 1000000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

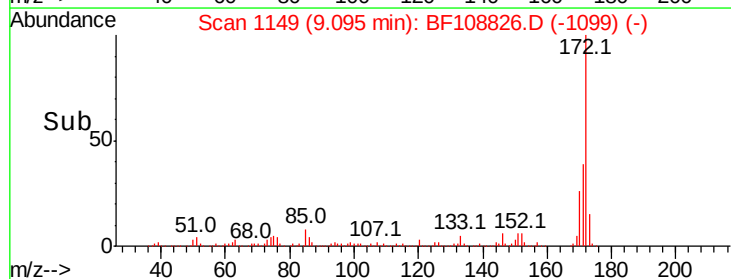
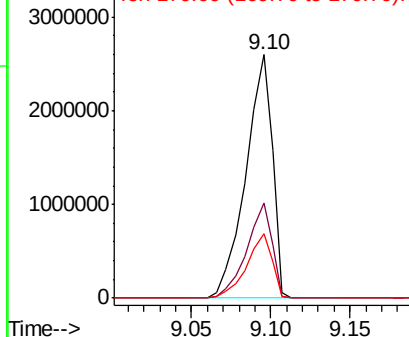


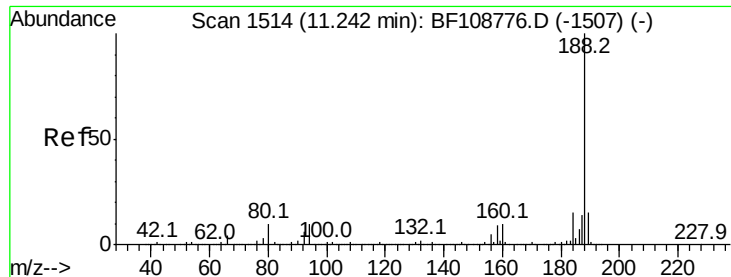
#44
 2-Fluorobiphenyl
 Concen: 82.459 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF108826.D
 Acq: 6 Sep 2018 16:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	29.7	44.5
170	26.5	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

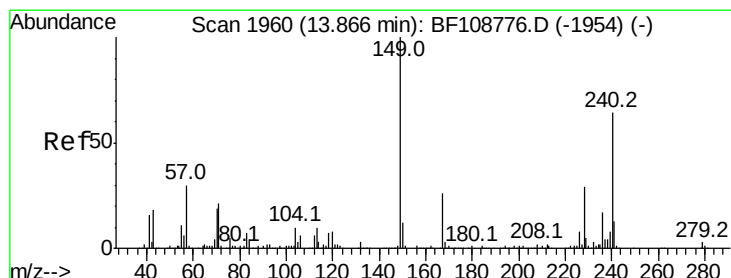
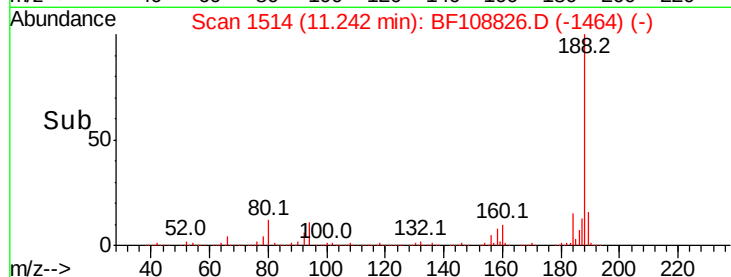
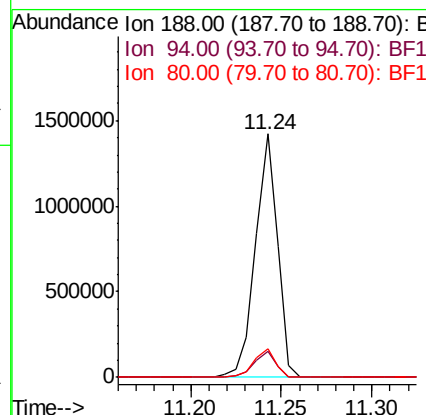
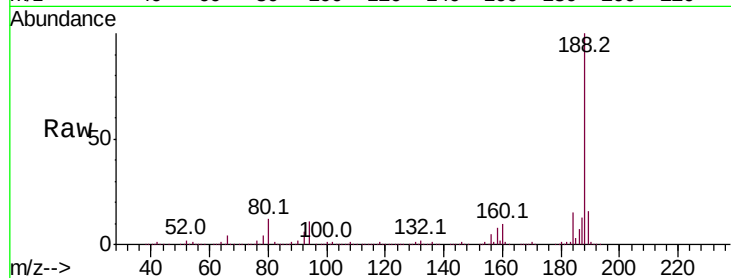




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF108826.D
Acq: 6 Sep 2018 16:34

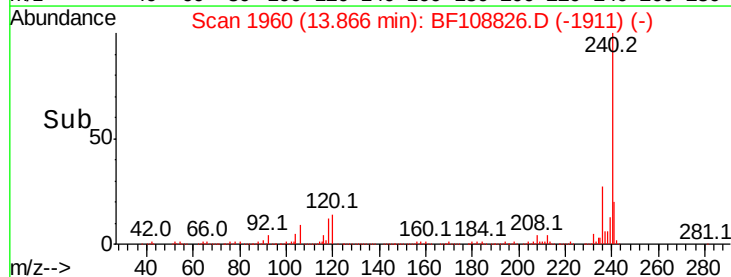
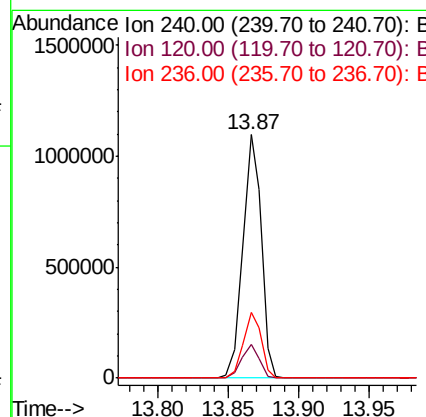
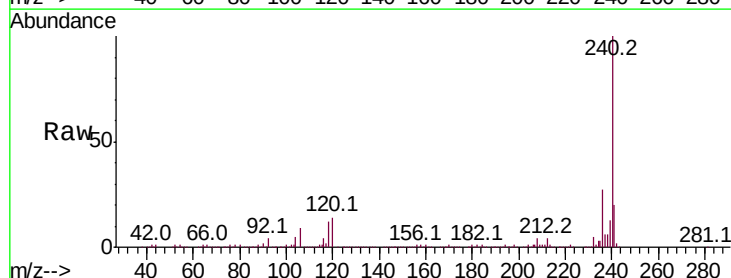
Instrument :
BNA_F
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PB112638BL

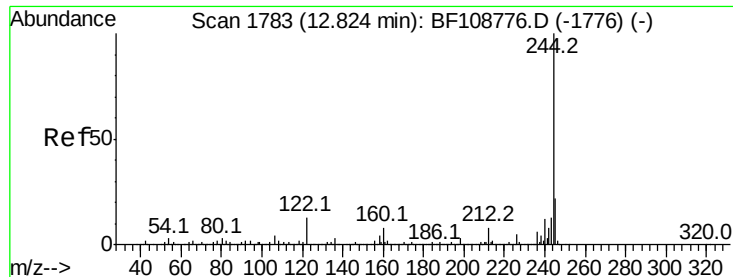
Tot Ion:188 Resp: 1201806
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BF108826.D
Acq: 6 Sep 2018 16:34

Tgt Ion:240 Resp: 992228
Ion Ratio Lower Upper
240 100
120 13.8 9.5 14.3
236 27.1 20.7 31.1



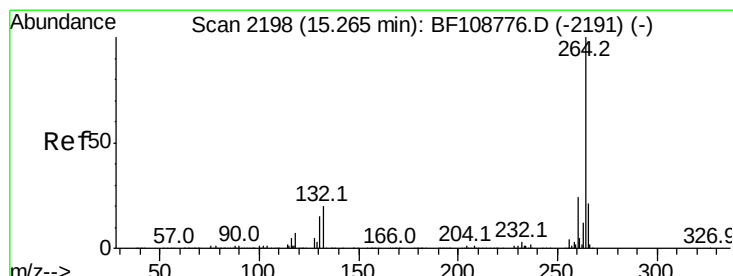
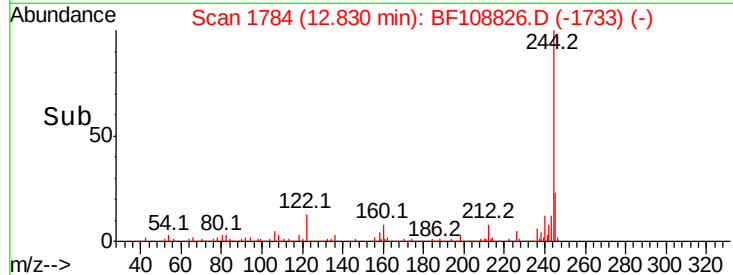
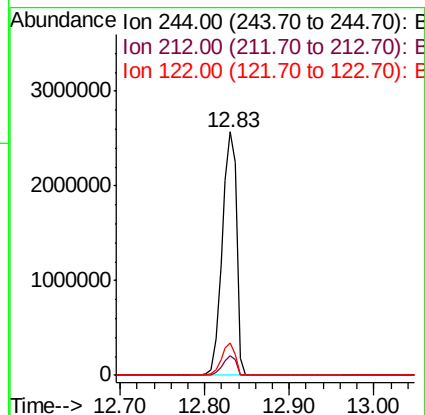
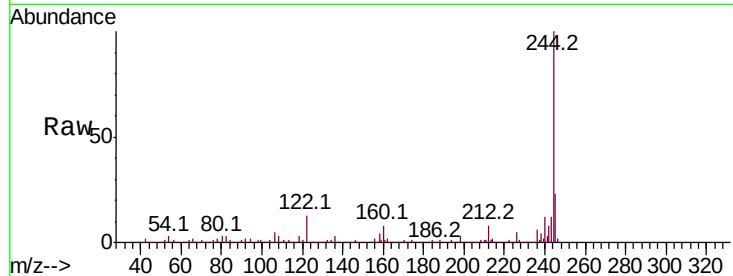


#78
 Terphenyl-d14
 Concen: 72.333 ng
 RT: 12.83 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BF108826.D
 Acq: 6 Sep 2018 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB112638BL

Tot Ion:244 Resp: 3077782

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.4	8.0
122	13.3	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BF108826.D
 Acq: 6 Sep 2018 16:34

Tgt Ion:264 Resp: 839748

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.5	17.5	26.3

