

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
 Data File : BF108827.D
 Acq On : 6 Sep 2018 17:04
 Operator : JU/SJ
 Sample : J4801-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26957

Quant Time: Sep 06 18:32:15 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

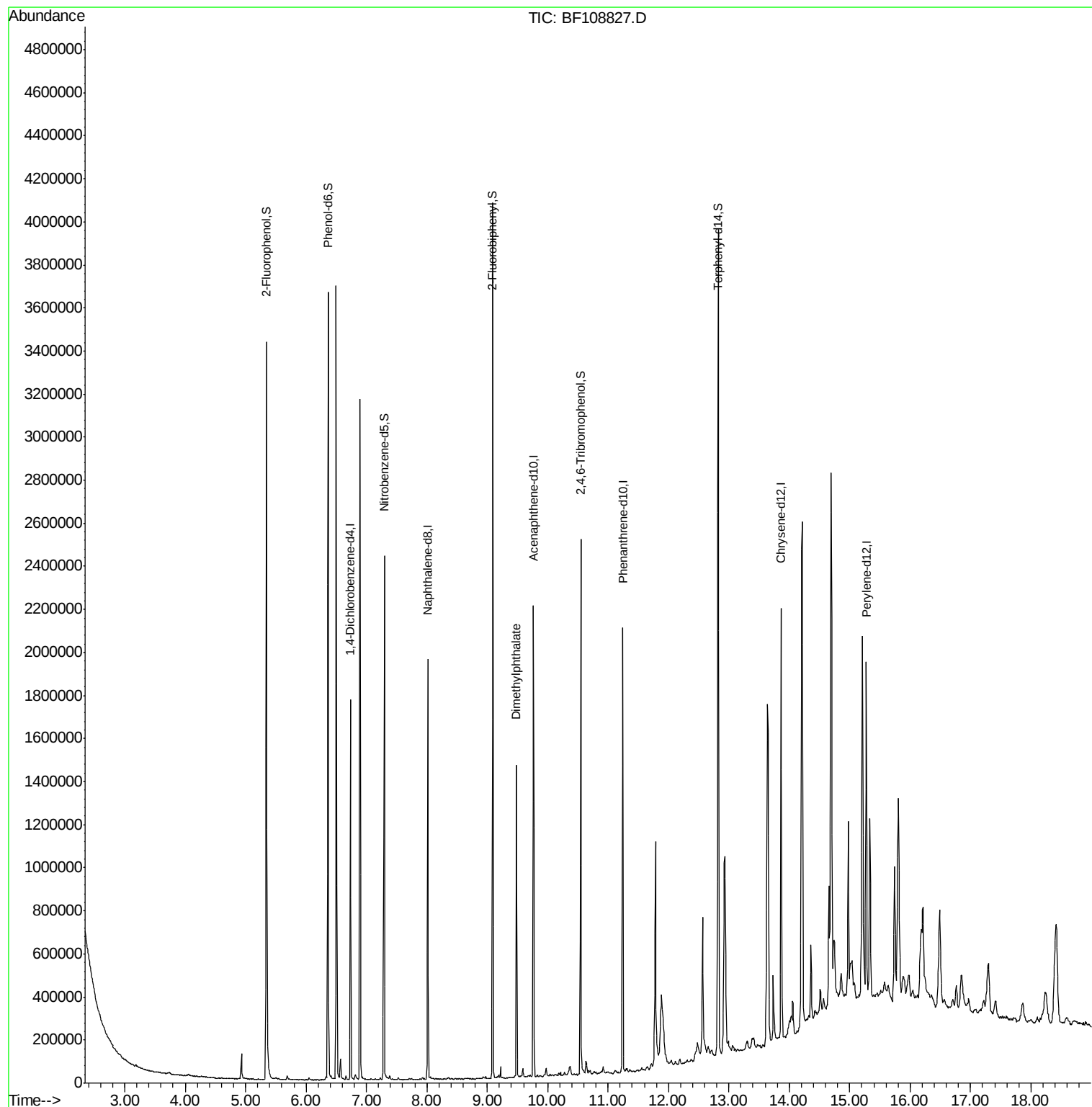
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	237641	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	870484	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	381716	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	654121	20.00	ng	0.00
75) Chrysene-d12	13.87	240	618129	20.00	ng	0.00
86) Perylene-d12	15.28	264	721066	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1082750	75.48	ng	0.01
7) Phenol-d6	6.37	99	1353543	73.34	ng	0.00
23) Nitrobenzene-d5	7.30	82	828021	59.53	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	285155	78.25	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1309766	58.54	ng	0.00
78) Terphenyl-d14	12.82	244	1172562	44.24	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	521873	19.547	ng	Qvalue 99

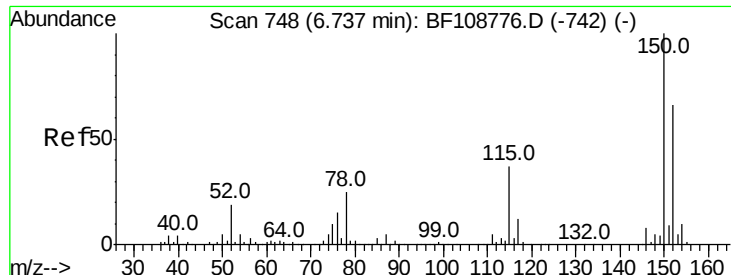
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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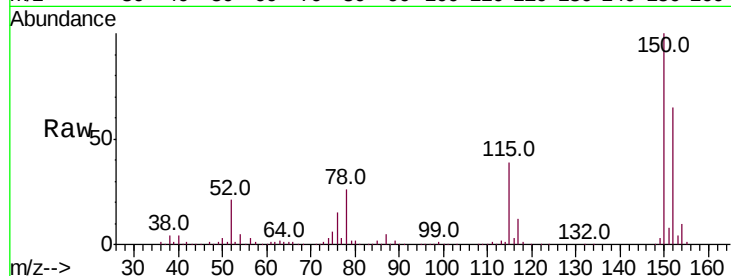


#1

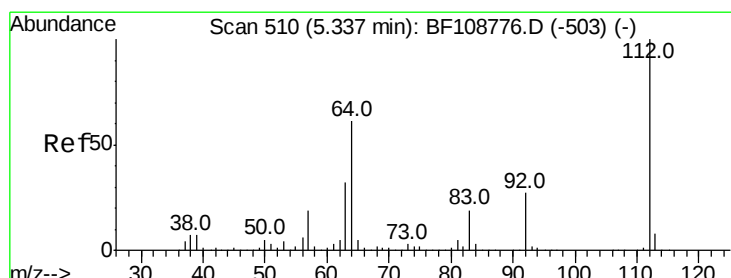
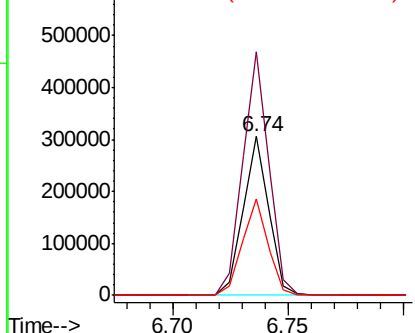
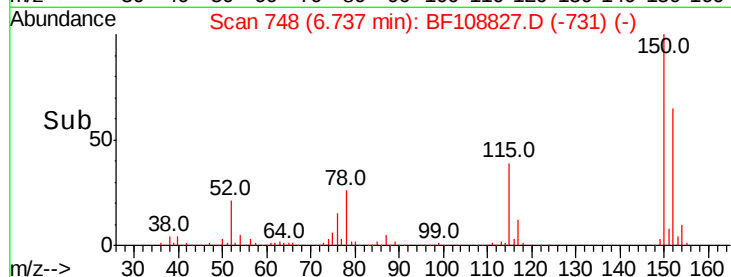
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108827.D
Acq: 6 Sep 2018 17:04

Instrument :
BNA_F
ClientSampleId :
CHRT-26957

Tot Ion:152 Resp: 237641
Ion Ratio Lower Upper
152 100
150 153.2 124.6 186.8
115 60.3 50.1 75.1



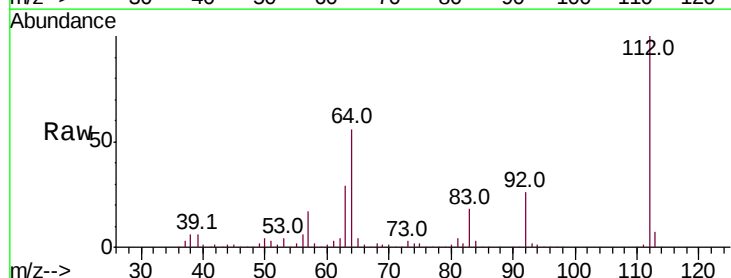
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



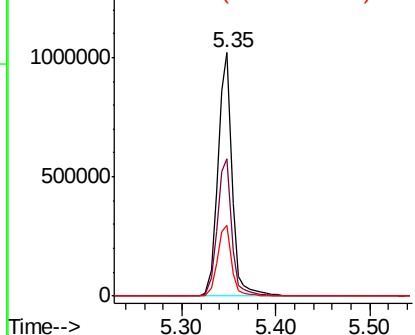
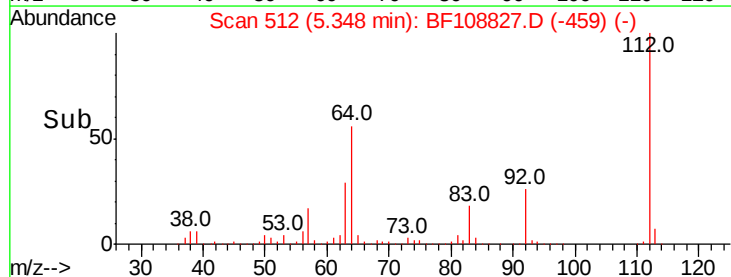
#5

2-Fluorophenol
Concen: 75.482 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108827.D
Acq: 6 Sep 2018 17:04

Tgt Ion:112 Resp: 1082750
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 29.3 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: 73.337 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108827.D

Acq: 6 Sep 2018 17:04

Instrument :

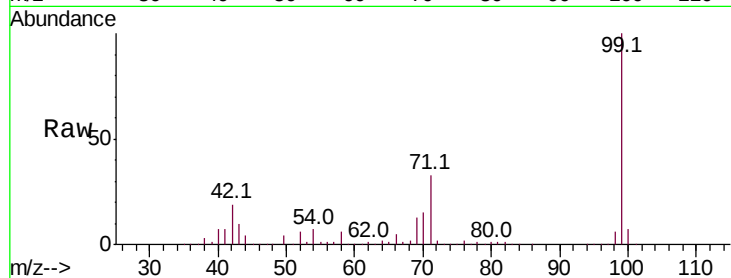
BNA_F

ClientSampleId :

CHRT-26957

Tot Ion: 99 Resp: 1353543

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	33.0	25.4	38.0

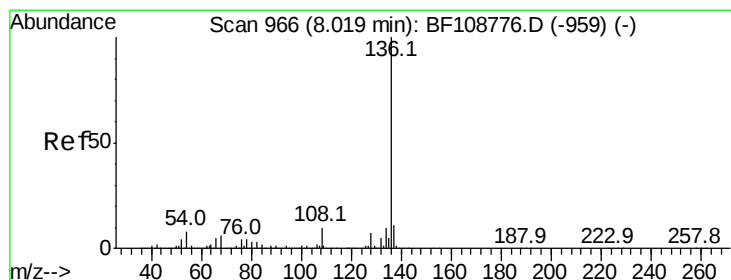
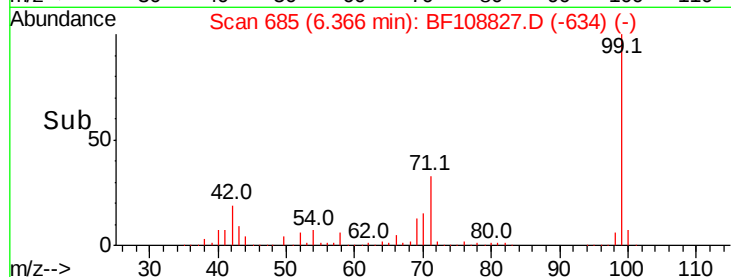
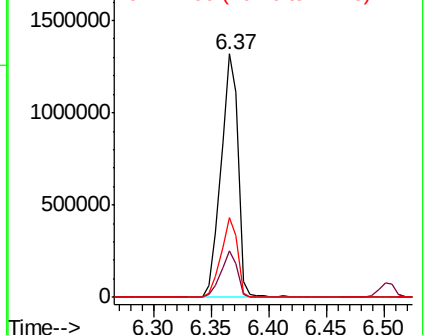


Abundance

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: 8.02 min Scan# 966

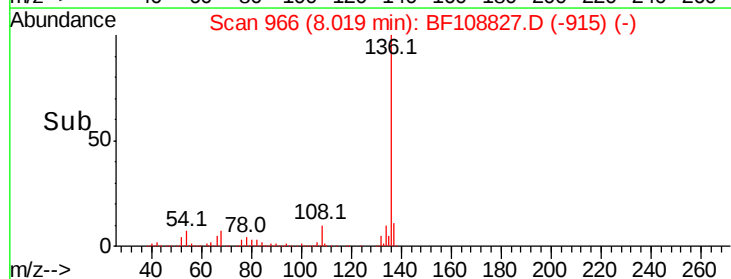
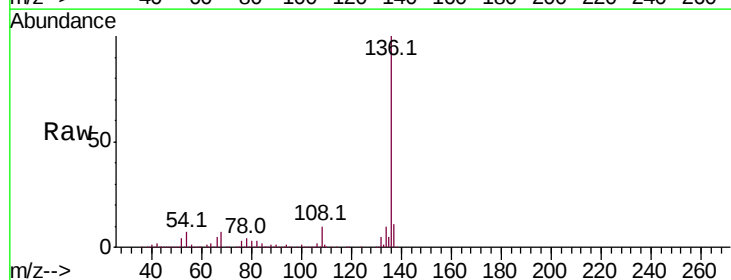
Delta R.T. -0.00 min

Lab File: BF108827.D

Acq: 6 Sep 2018 17:04

Tgt Ion: 136 Resp: 870484

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	6.6	5.0	7.4



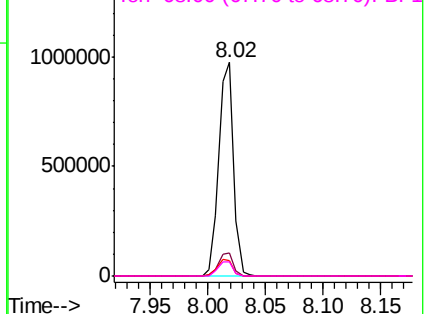
Abundance

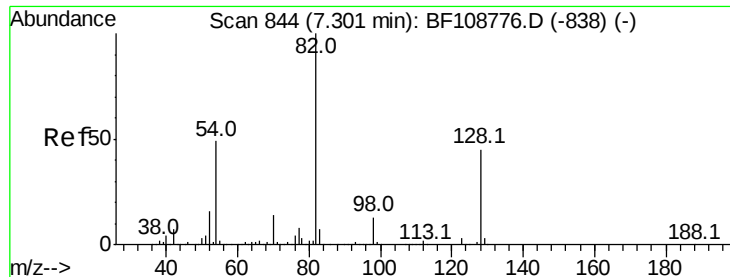
Ion 136.00 (135.70 to 136.70): E

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

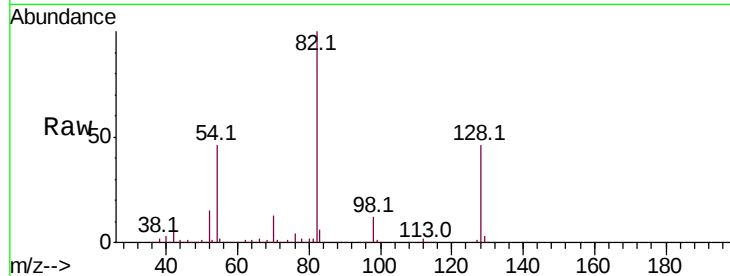




#23
Nitrobenzene-d5
Concen: 59.528 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108827.D
Acq: 6 Sep 2018 17:04

Instrument :
BNA_F
ClientSampleId :
CHRT-26957

Tot Ion	82	Resp	828021
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	46.1	41.4	62.2

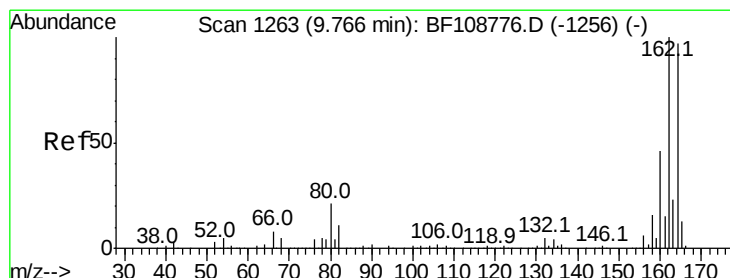
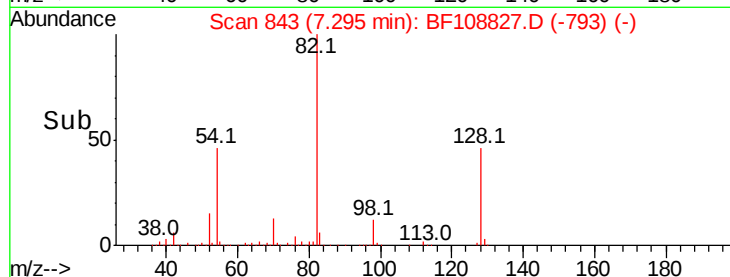
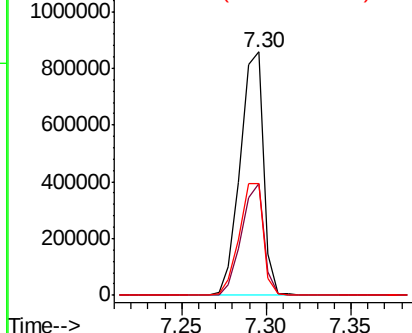


Abundance

Ion 82.00 (81.70 to 82.70): BF1

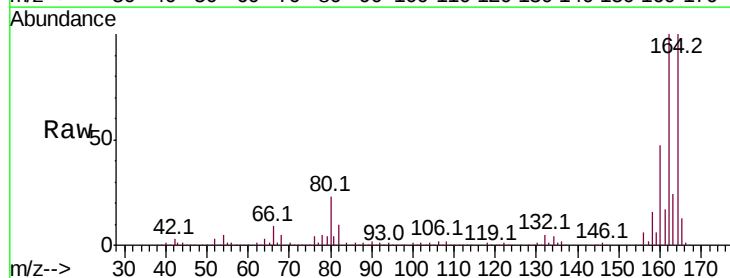
Ion 128.00 (127.70 to 128.70): BF1

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. -0.00 min
Lab File: BF108827.D
Acq: 6 Sep 2018 17:04

Tgt Ion	164	Resp	381716
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	100.0	38.3	57.5
160	46.8		

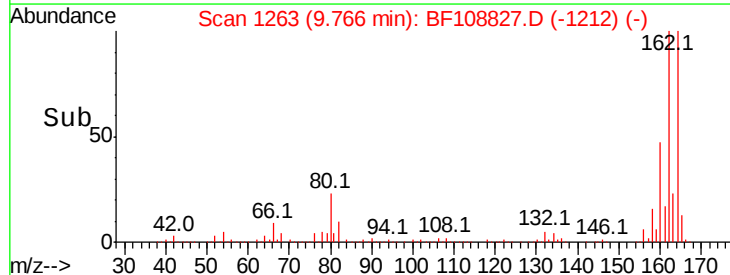
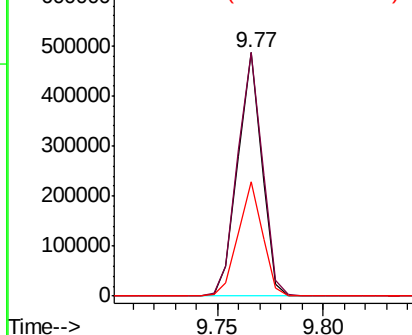


Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

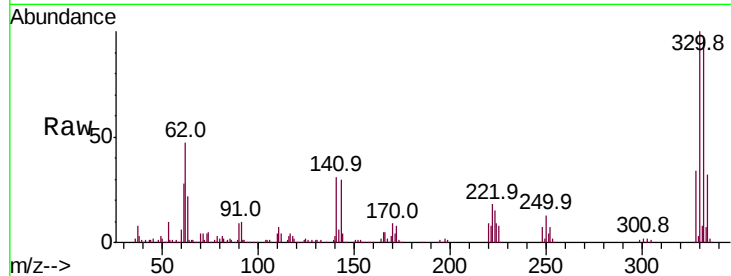




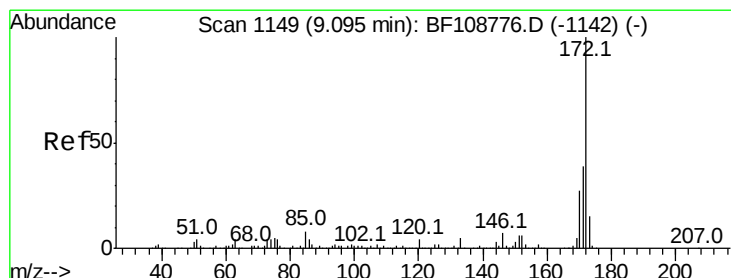
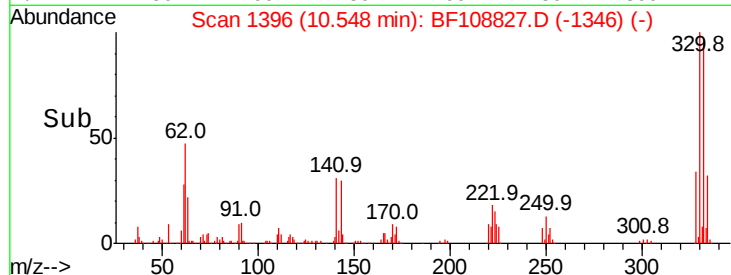
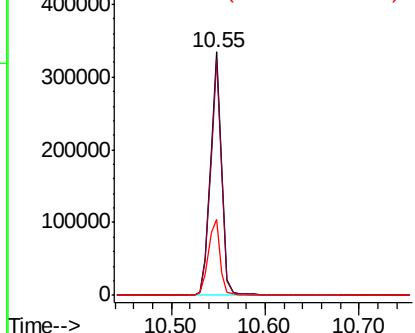
#41
 2,4,6-Tribromophenol
 Concen: 78.252 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108827.D
 Acq: 6 Sep 2018 17:04

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-26957

Tot Ion:330 Resp: 285155
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 32.8 29.9 44.9

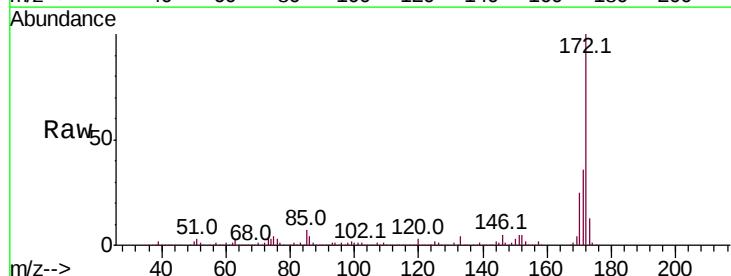


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

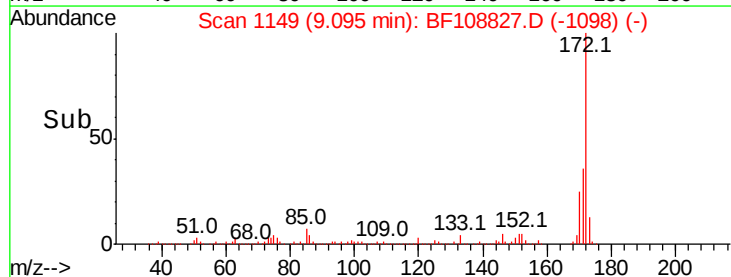
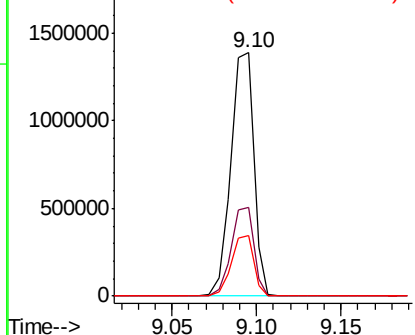


#44
 2-Fluorobiphenyl
 Concen: 58.537 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108827.D
 Acq: 6 Sep 2018 17:04

Tgt Ion:172 Resp: 1309766
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.7 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





#49

Dimethylphthalate

Concen: 19.547 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF108827.D

Acq: 6 Sep 2018 17:04

Instrument :

BNA_F

ClientSampleId :

CHRT-26957

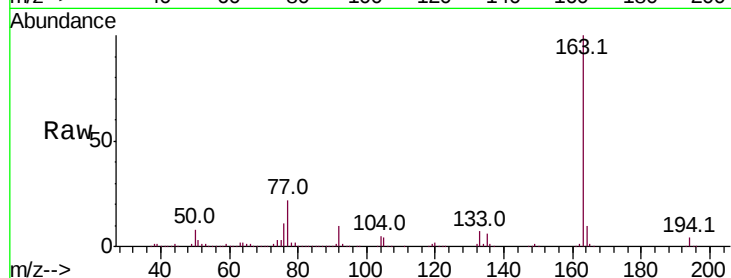
Tot Ion:163 Resp: 521873

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

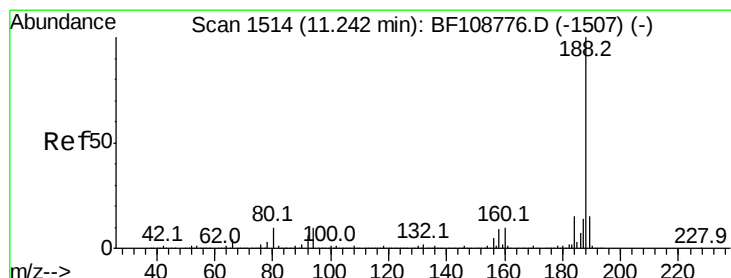
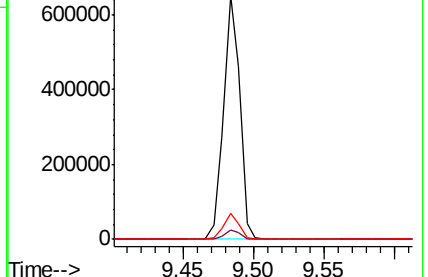
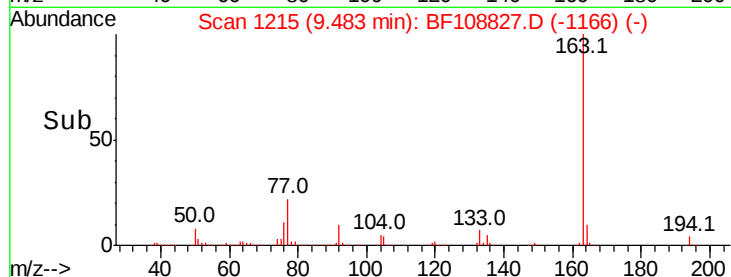
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BF108827.D

Acq: 6 Sep 2018 17:04

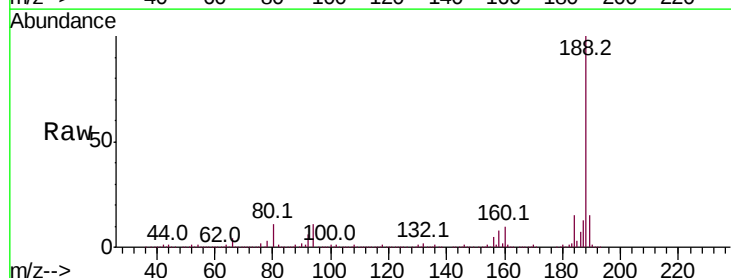
Tgt Ion:188 Resp: 654121

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

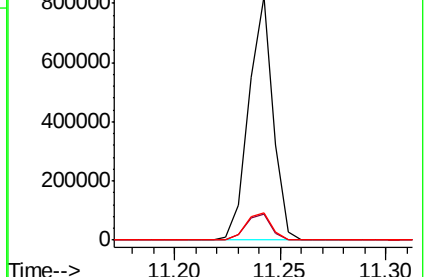
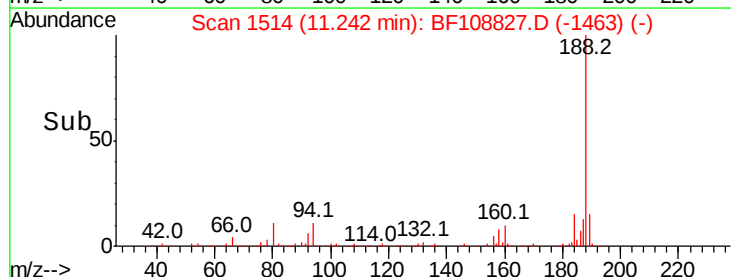
80 11.1 9.2 13.8

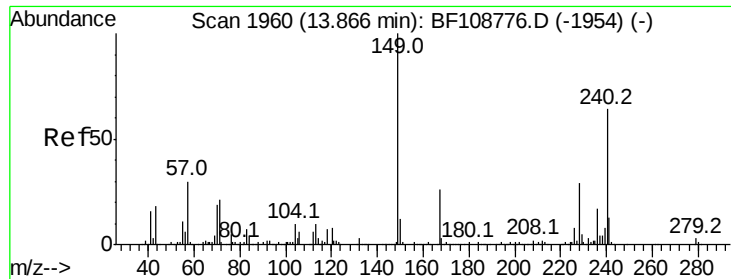


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108827.D

Acq: 6 Sep 2018 17:04

Instrument :

BNA_F

ClientSampleId :

CHRT-26957

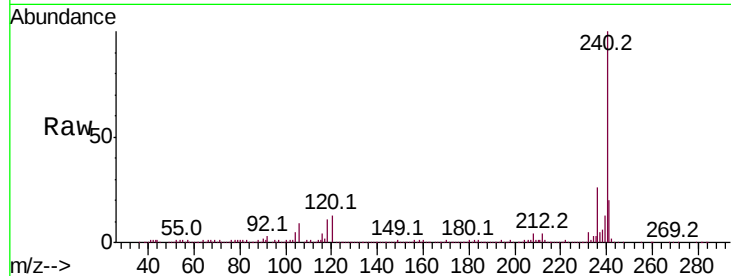
Tot Ion:240 Resp: 618129

Ion Ratio Lower Upper

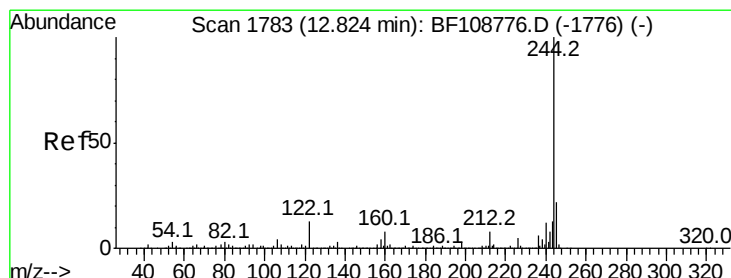
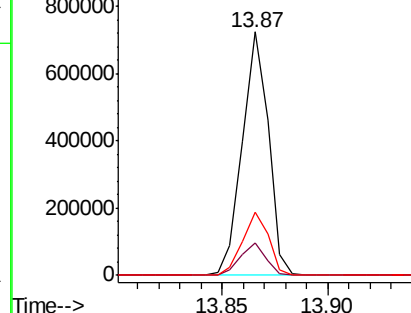
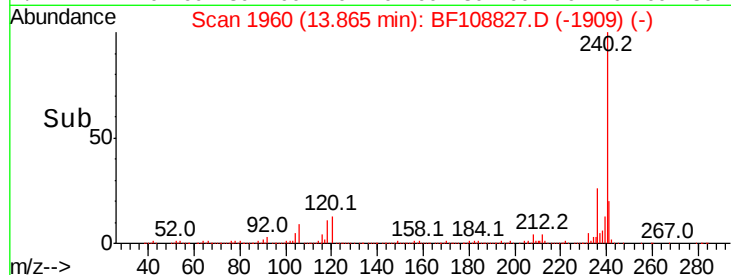
240 100

120 13.2 9.5 14.3

236 26.0 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: 44.235 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108827.D

Acq: 6 Sep 2018 17:04

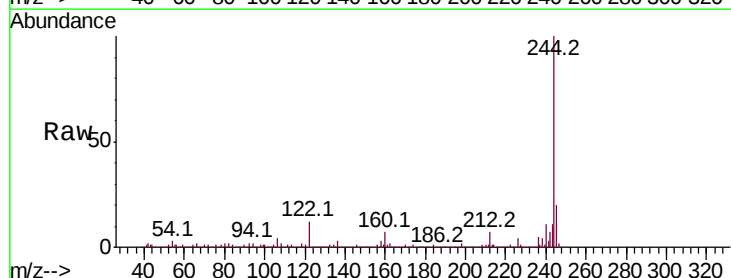
Tgt Ion:244 Resp: 1172562

Ion Ratio Lower Upper

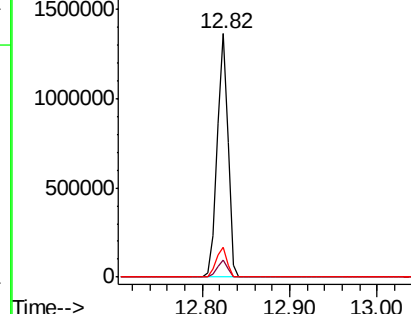
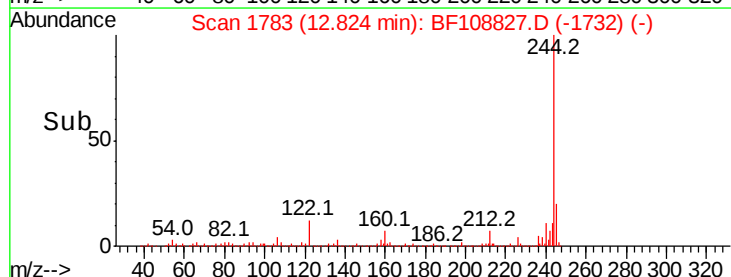
244 100

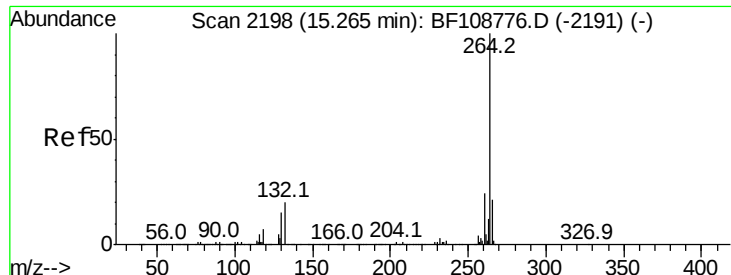
212 7.0 5.4 8.0

122 12.4 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
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108827.D
Acq: 6 Sep 2018 17:04

Instrument :
BNA_F
ClientSampleId :
CHRT-26957

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.5	17.5	26.3

