

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
 Data File : BF108429.D
 Acq On : 23 Aug 2018 19:10
 Operator : JU/SJ
 Sample : PB112233BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BL

Quant Time: Aug 24 01:46:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	145454	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	550043	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	285621	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	582132	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	400468	20.00	ng	-0.01
86) Perylene-d12	15.74	264	296645	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	825794	102.79	ng	0.00
7) Phenol-d6	6.62	99	1111197	104.08	ng	-0.01
23) Nitrobenzene-d5	7.56	82	737866	74.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	336520	118.12	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1422417	79.95	ng	-0.01
78) Terphenyl-d14	13.12	244	1594744	101.25	ng	0.00

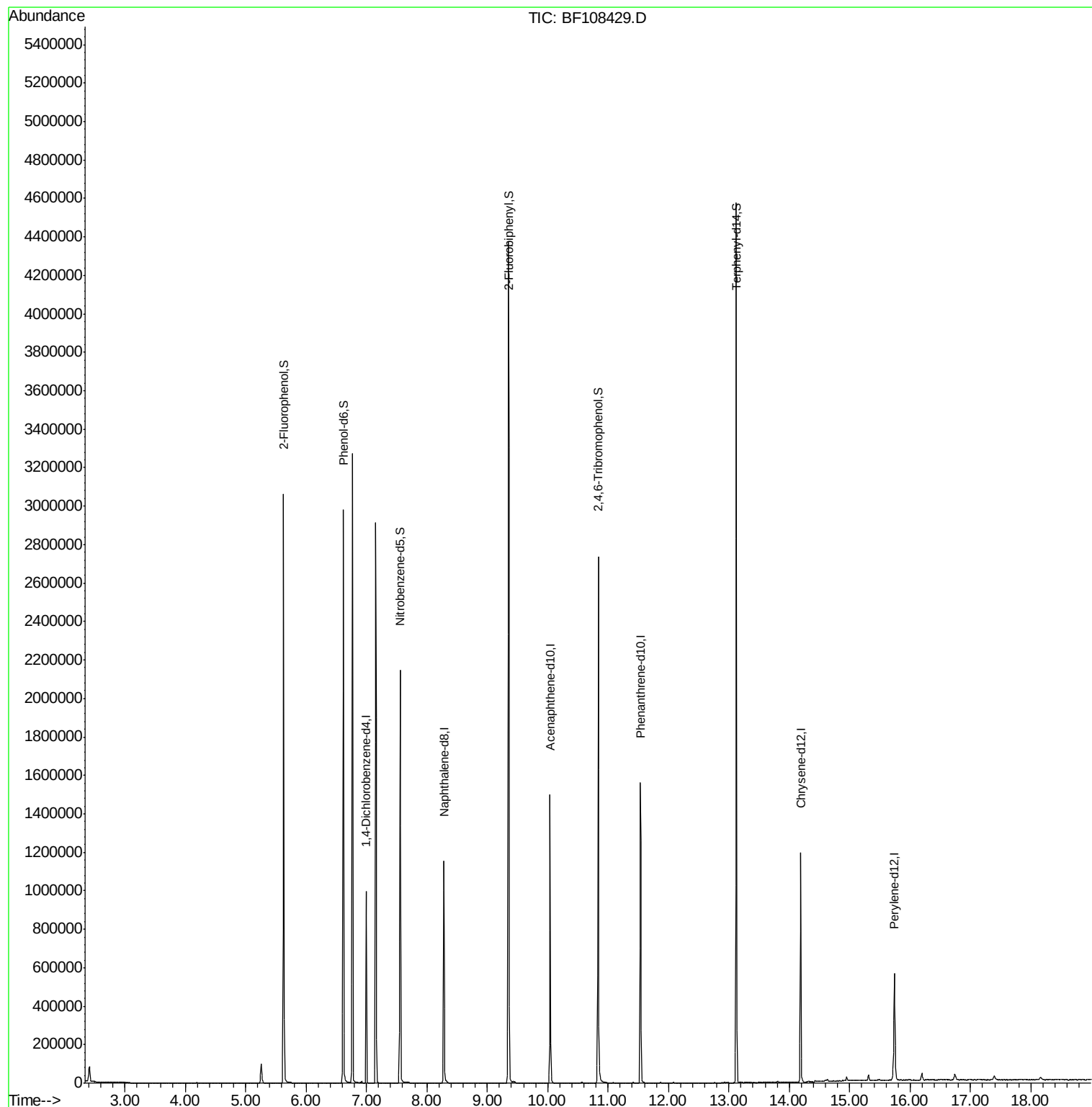
Target Compounds Qvalue

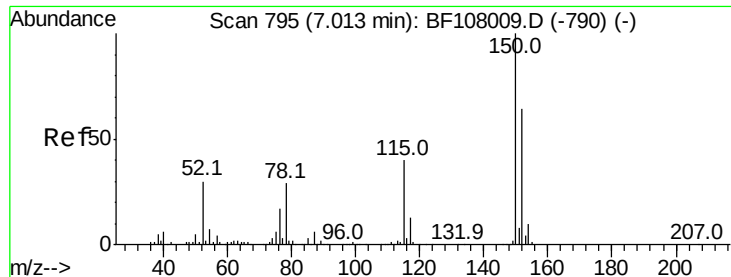
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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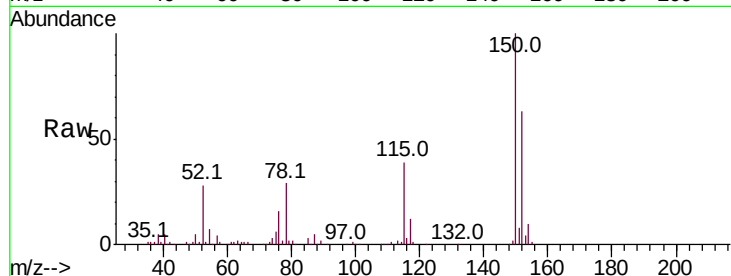


#1

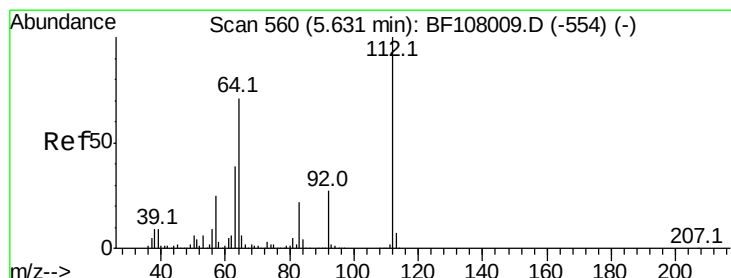
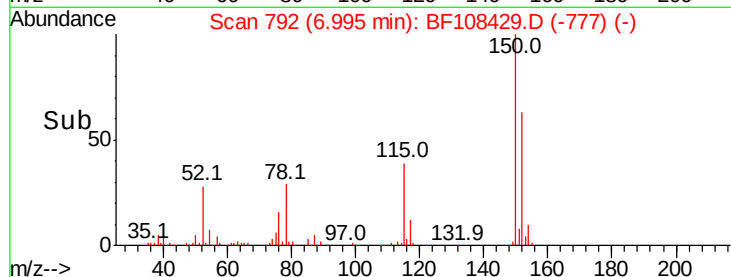
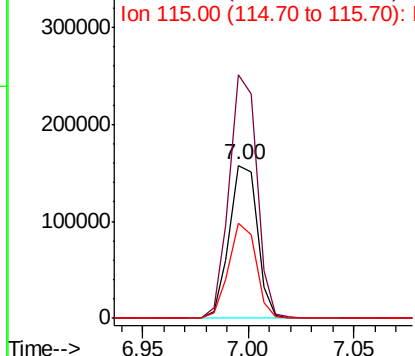
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108429.D
Acq: 23 Aug 2018 19:10

Instrument :
BNA_F
ClientSampleId :
PB112233BL

Tot Ion:152 Resp: 145454
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 61.7 50.1 75.1



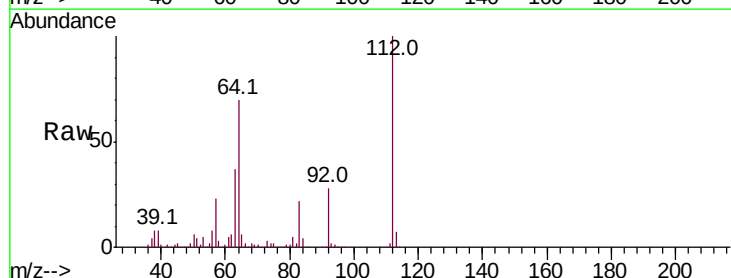
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



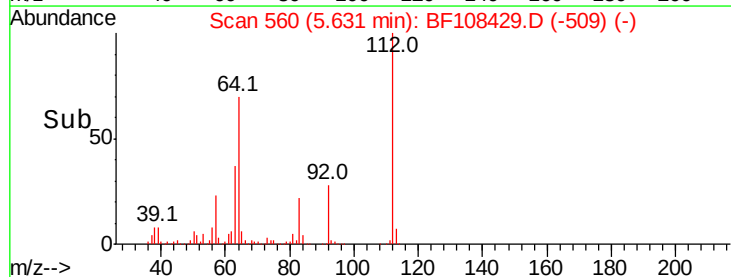
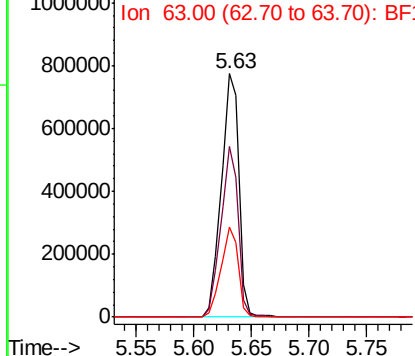
#5

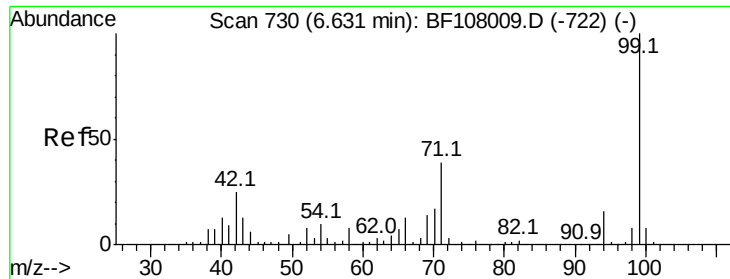
2-Fluorophenol
Concen: 102.786 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108429.D
Acq: 23 Aug 2018 19:10

Tgt Ion:112 Resp: 825794
Ion Ratio Lower Upper
112 100
64 70.3 47.9 71.9
63 37.1 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: 104.081 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF108429.D

Acq: 23 Aug 2018 19:10

Instrument :

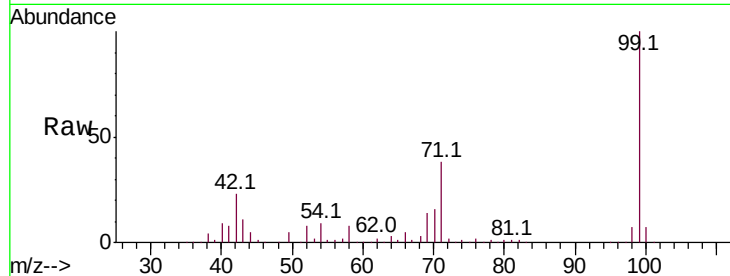
BNA_F

ClientSampleId :

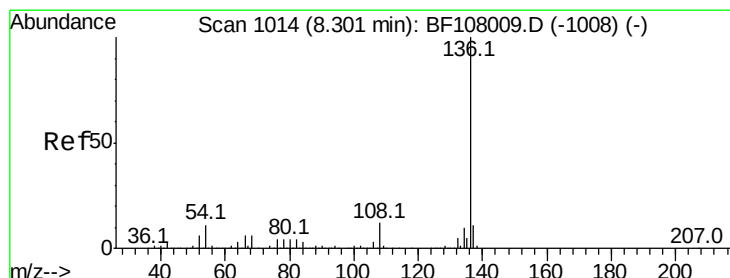
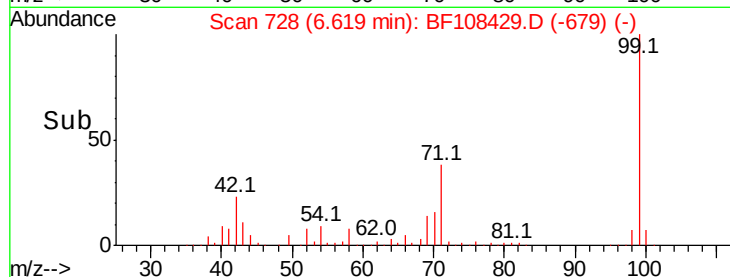
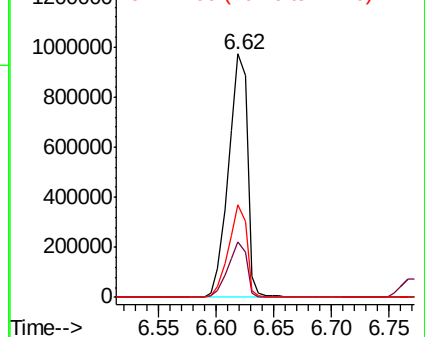
PB112233BL

Tot Ion: 99 Resp: 1111197

Ion	Ratio	Lower	Upper
99	100		
42	22.7	14.5	21.7#
71	37.8	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: 8.28 min Scan# 1011

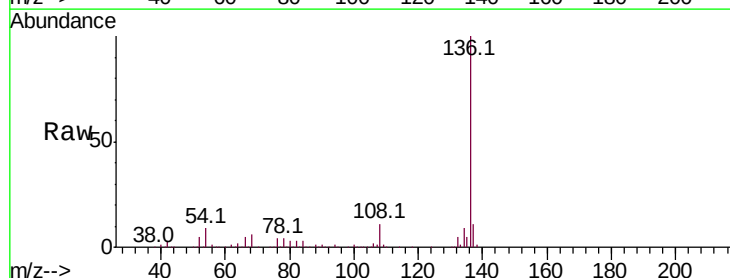
Delta R.T. -0.01 min

Lab File: BF108429.D

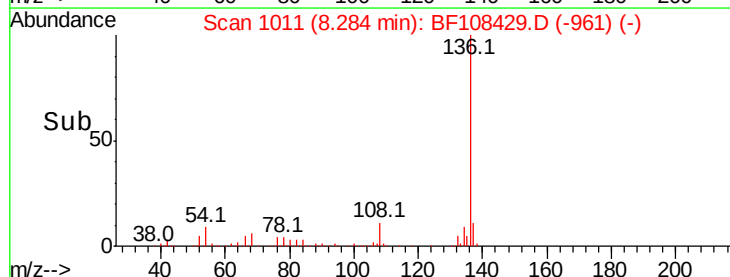
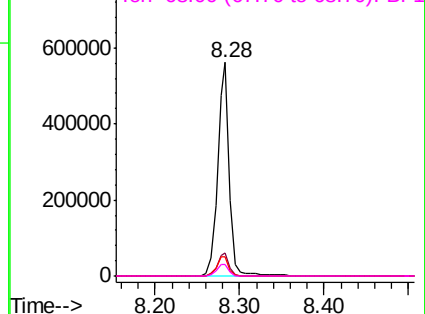
Acq: 23 Aug 2018 19:10

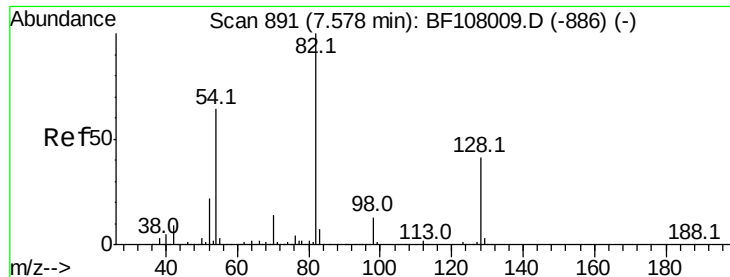
Tgt Ion: 136 Resp: 550043

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.3	6.6	9.8
68	5.7	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

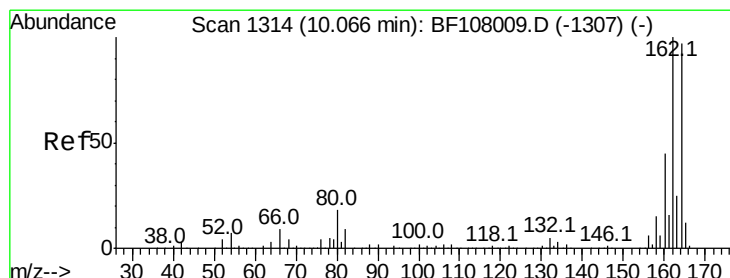
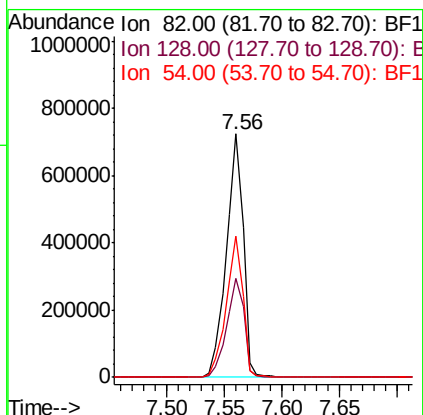
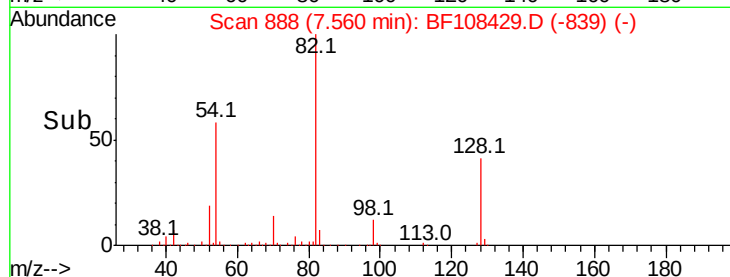
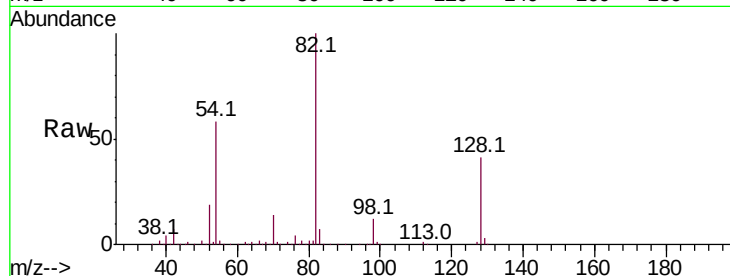




#23
 Nitrobenzene-d5
 Concen: 74.856 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108429.D
 Acq: 23 Aug 2018 19:10

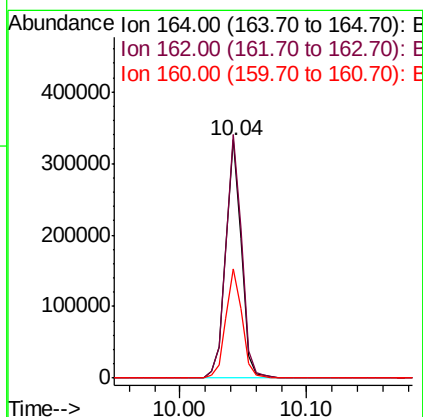
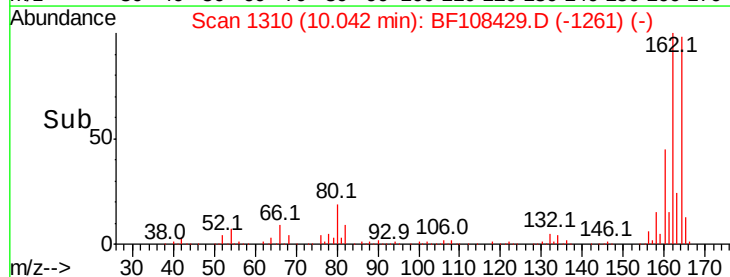
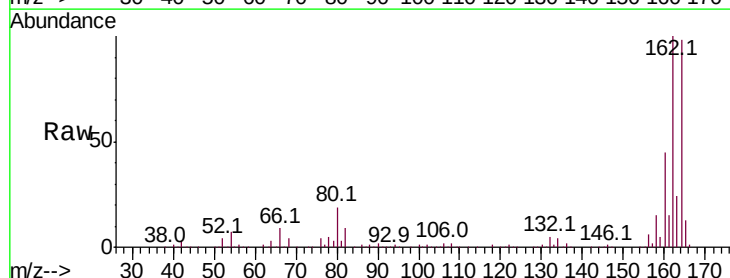
Instrument :
 BNA_F
 ClientSampleId :
 PB112233BL

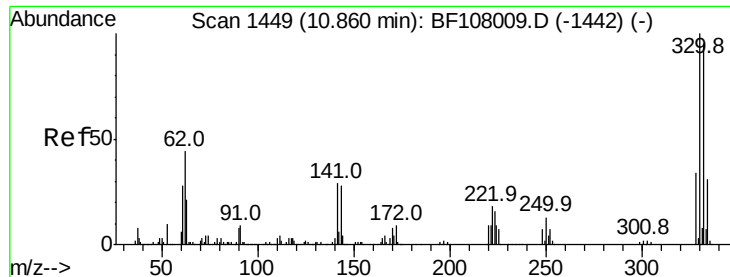
Tot Ion: 82 Resp: 737866
 Ion Ratio Lower Upper
 82 100
 128 40.7 36.1 54.1
 54 57.8 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108429.D
 Acq: 23 Aug 2018 19:10

Tgt Ion: 164 Resp: 285621
 Ion Ratio Lower Upper
 164 100
 162 102.2 86.1 129.1
 160 45.9 38.3 57.5

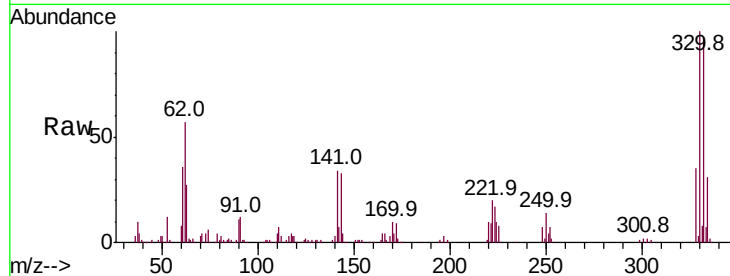




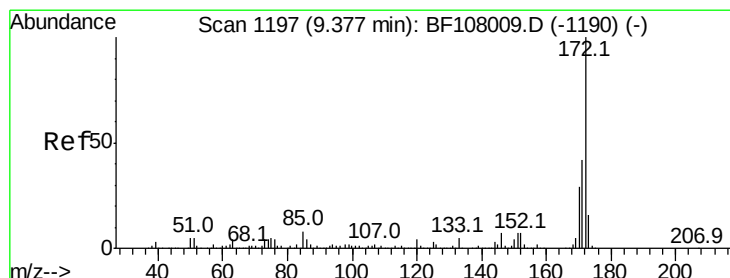
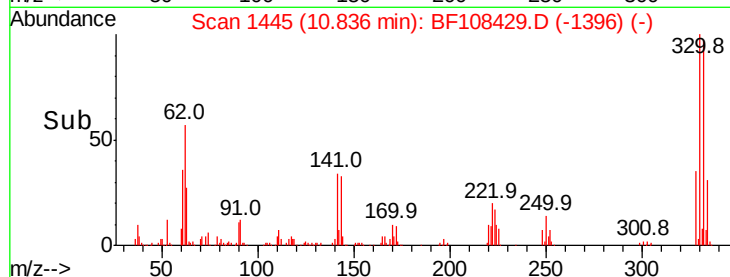
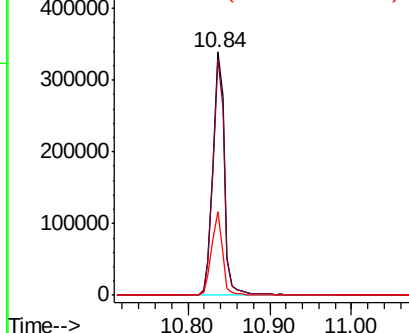
#41
 2,4,6-Tribromophenol
 Concen: 118.119 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108429.D
 Acq: 23 Aug 2018 19:10

Instrument :
 BNA_F
 ClientSampleId :
 PB112233BL

Tot Ion:330 Resp: 336520
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 32.0 29.9 44.9

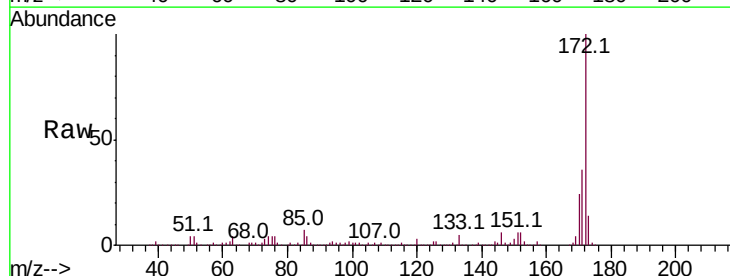


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

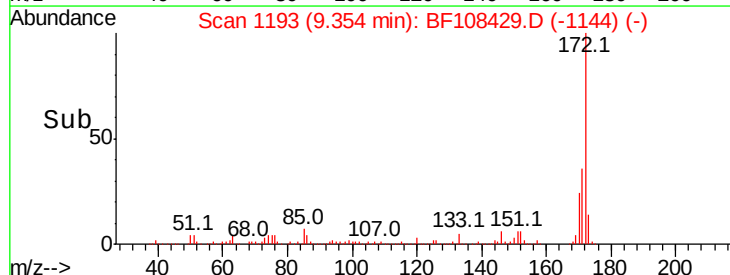
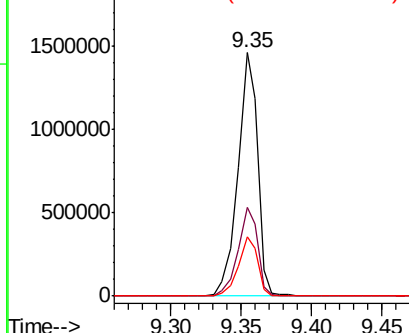


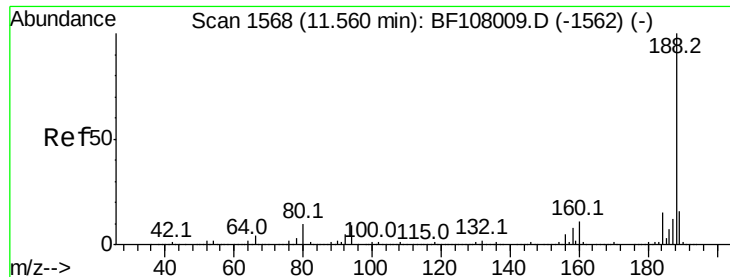
#44
 2-Fluorobiphenyl
 Concen: 79.954 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108429.D
 Acq: 23 Aug 2018 19:10

Tgt Ion:172 Resp: 1422417
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.4 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: 11.54 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF108429.D

Acq: 23 Aug 2018 19:10

Instrument :

BNA_F

ClientSampleId :

PB112233BL

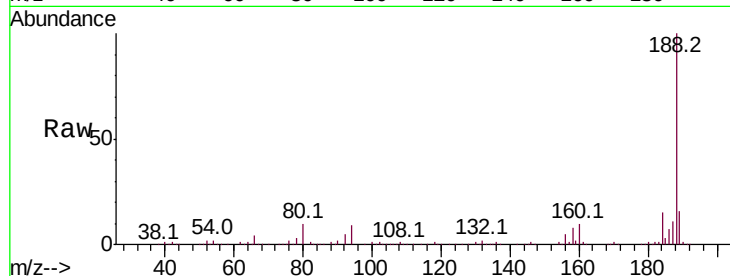
Tot Ion:188 Resp: 582132

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

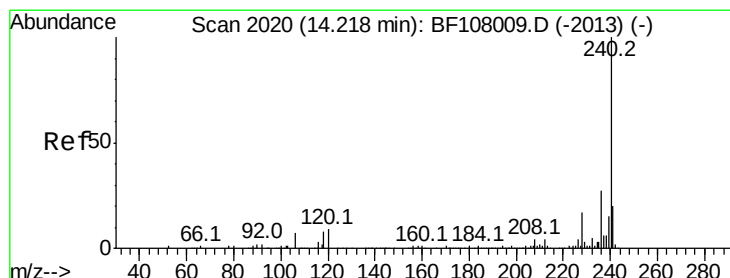
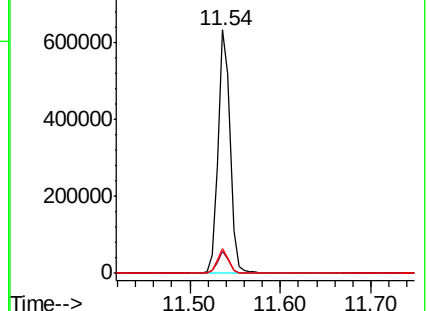
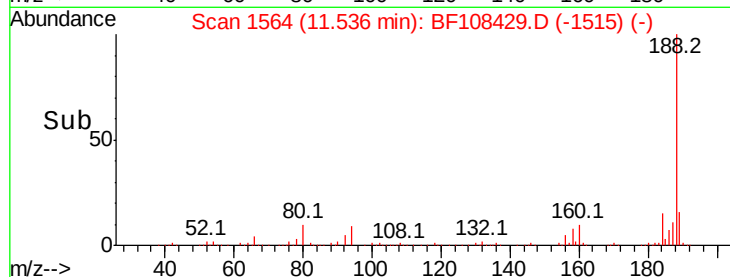
80 10.3 9.2 13.8



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: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108429.D

Acq: 23 Aug 2018 19:10

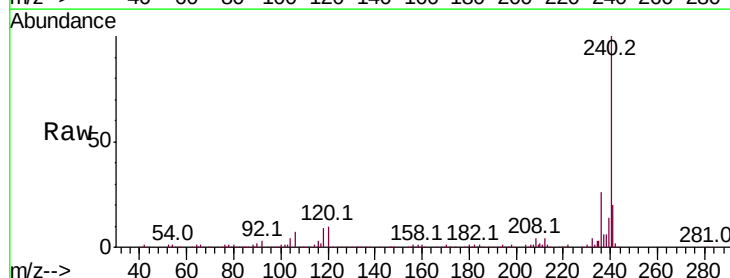
Tgt Ion:240 Resp: 400468

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

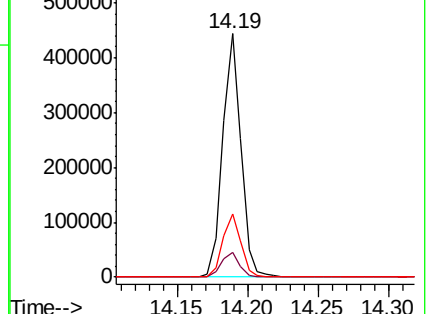
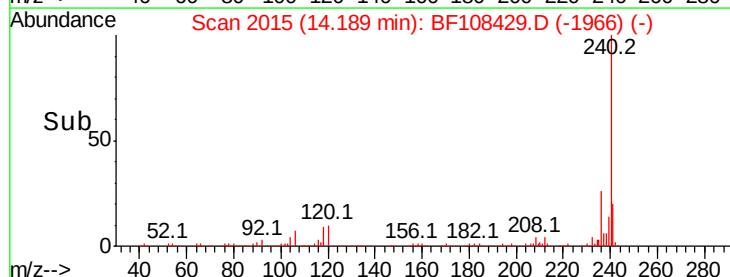
236 26.0 20.7 31.1

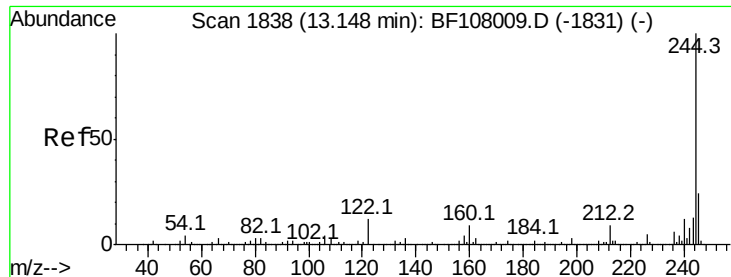


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.250 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108429.D

Acq: 23 Aug 2018 19:10

Instrument :

BNA_F

ClientSampleId :

PB112233BL

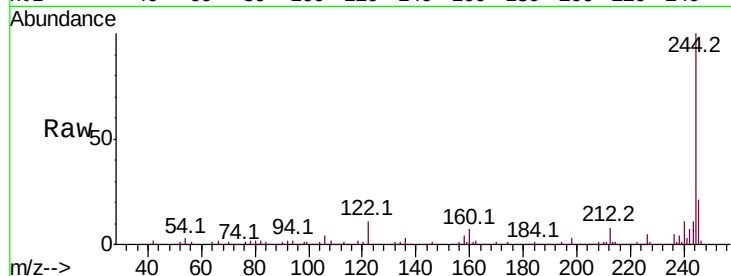
Tot Ion:244 Resp: 1594744

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

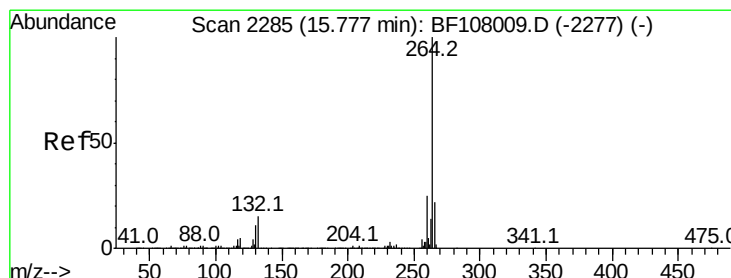
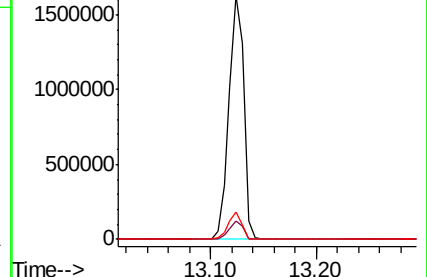
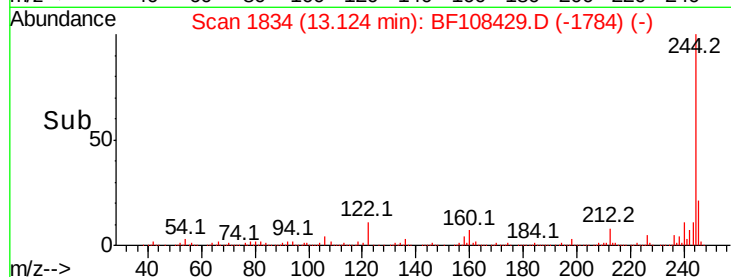
122 11.3 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.74 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BF108429.D

Acq: 23 Aug 2018 19:10

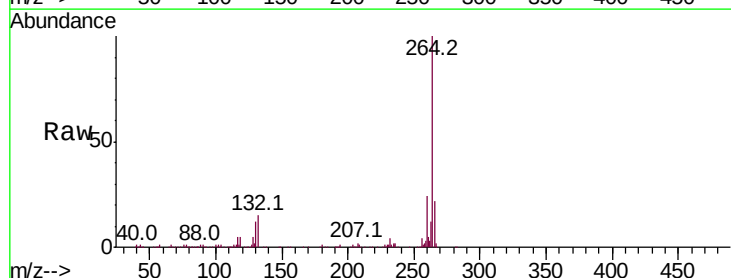
Tgt Ion:264 Resp: 296645

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.9 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

