

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108416.D
 Acq On : 23 Aug 2018 8:02
 Operator : JU/SJ
 Sample : PB112196BL
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112196BL

Quant Time: Aug 23 08:43:25 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	158538	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	585505	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	276228	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	465317	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	312100	20.00	ng	-0.01
86) Perylene-d12	15.74	264	250945	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	899118	102.68	ng	0.00
7) Phenol-d6	6.62	99	1198928	103.03	ng	0.00
23) Nitrobenzene-d5	7.57	82	1151170	109.71	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	208153	75.55	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	2039952	118.56	ng	0.00
78) Terphenyl-d14	13.12	244	1481383	120.68	ng	0.00

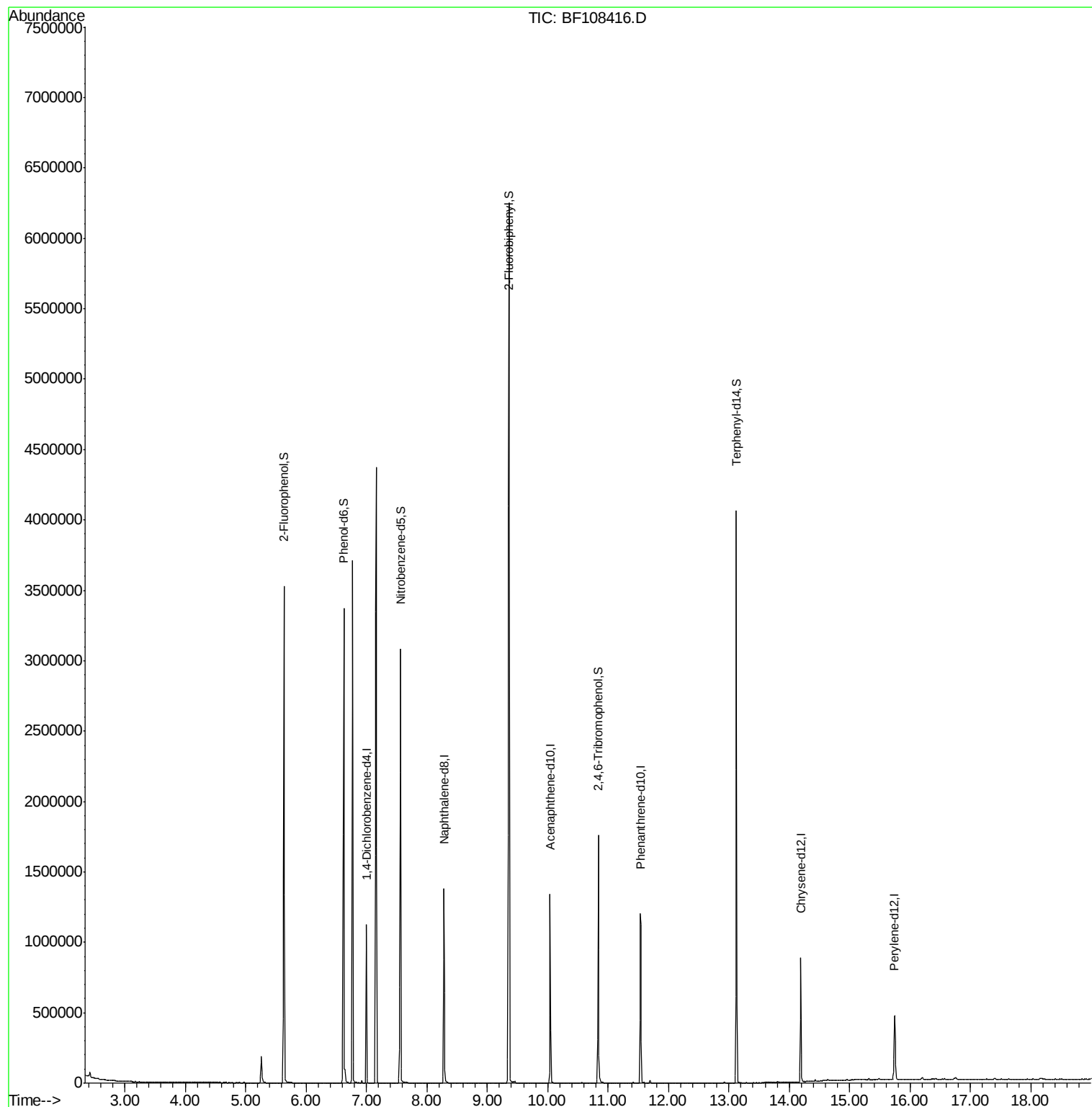
Target Compounds Qvalue

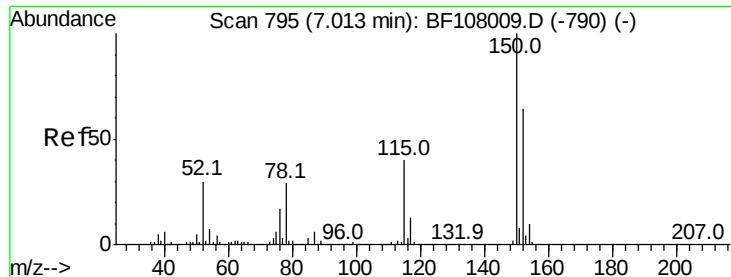
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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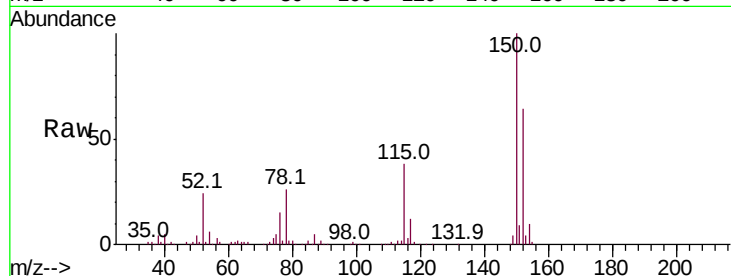


#1

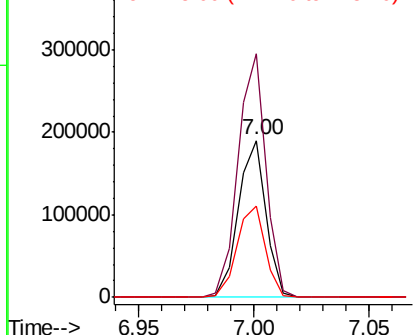
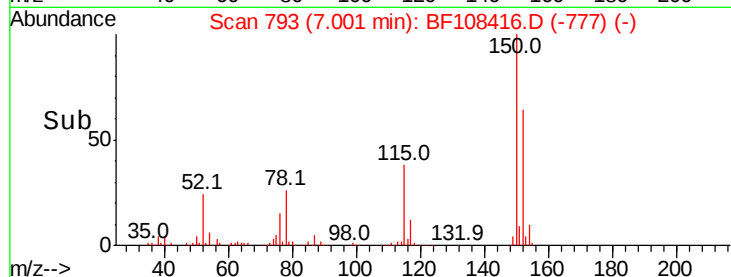
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Instrument :
BNA_F
ClientSampleId :
PB112196BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	58.4	50.1	75.1



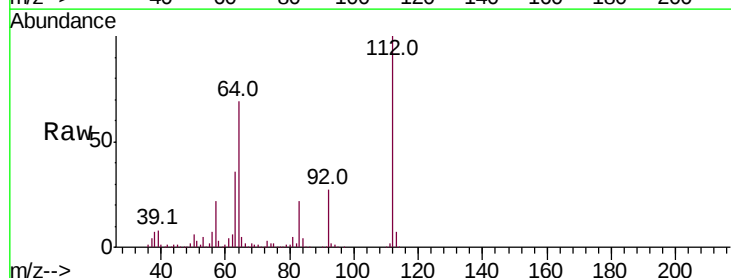
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



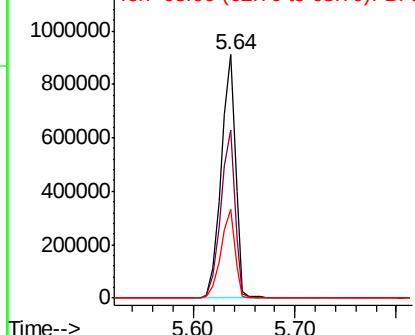
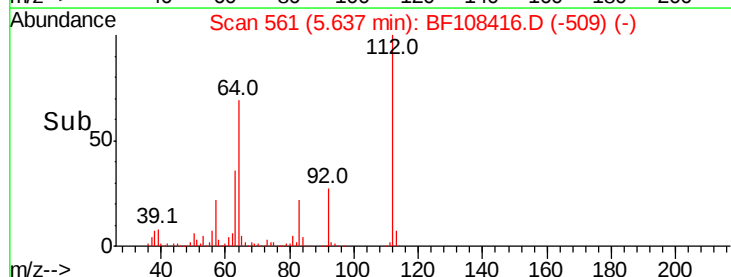
#5

2-Fluorophenol
Concen: 102.676 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	47.9	71.9
63	36.5	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: 103.031 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108416.D

Acq: 23 Aug 2018 8:02

Instrument :

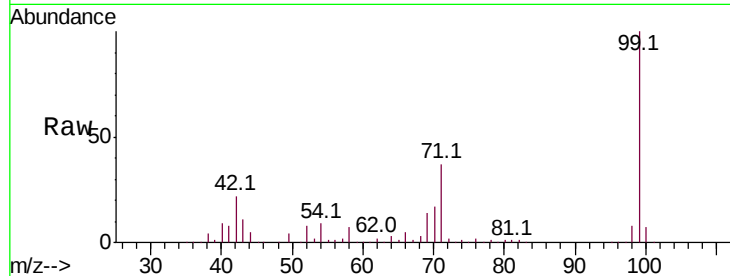
BNA_F

ClientSampleId :

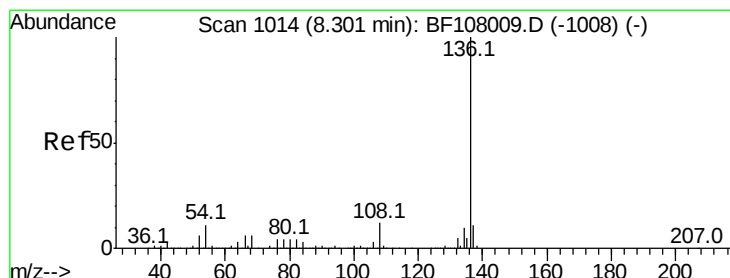
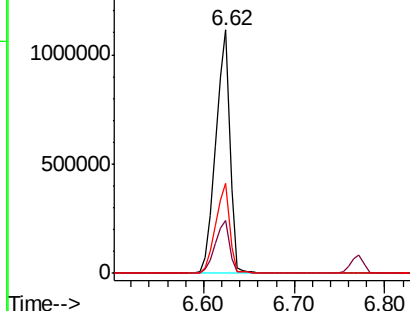
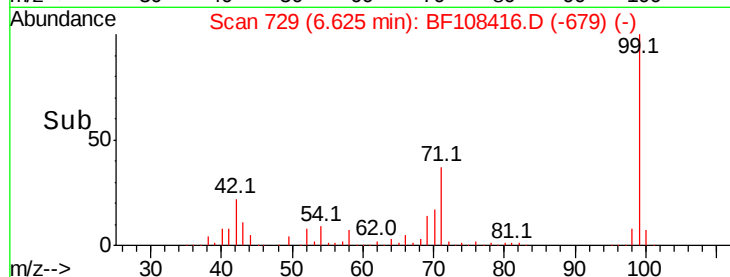
PB112196BL

Tot Ion: 99 Resp: 1198928

Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.5	21.7#
71	37.2	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

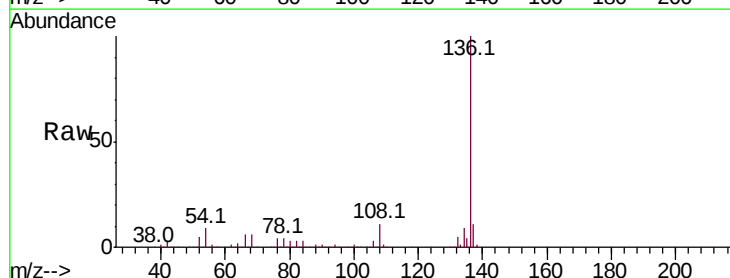
Delta R.T. -0.01 min

Lab File: BF108416.D

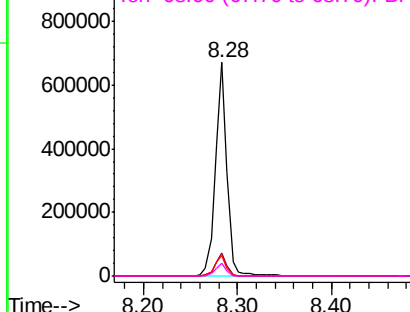
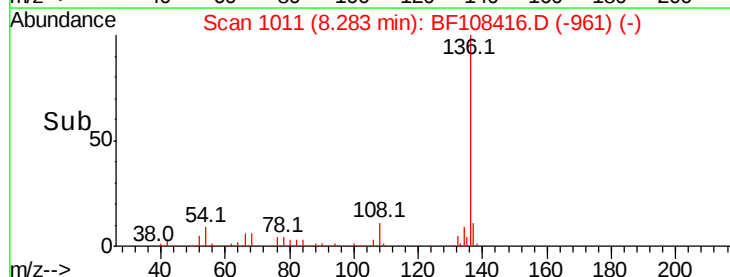
Acq: 23 Aug 2018 8:02

Tgt Ion: 136 Resp: 585505

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.4	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

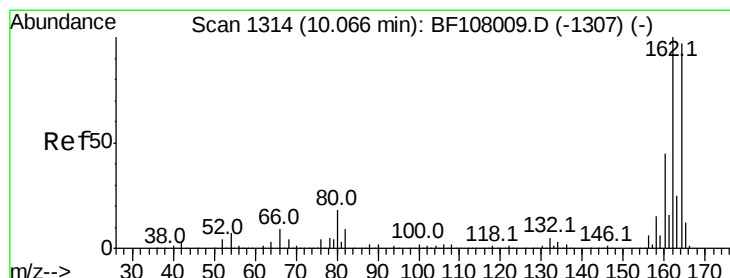
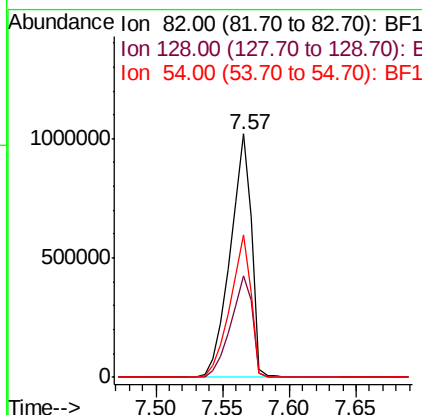
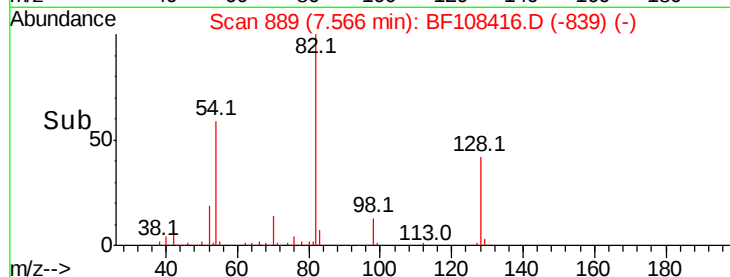
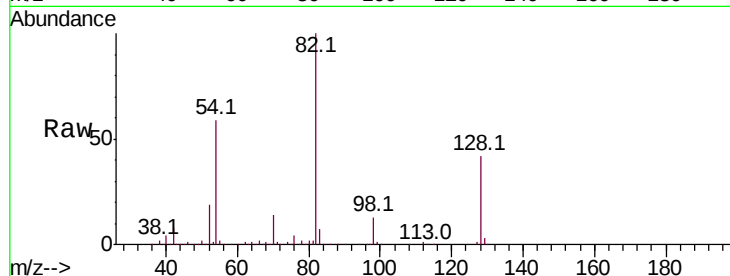




#23
Nitrobenzene-d5
Concen: 109.712 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

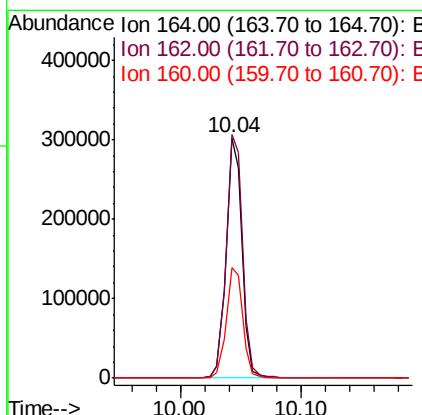
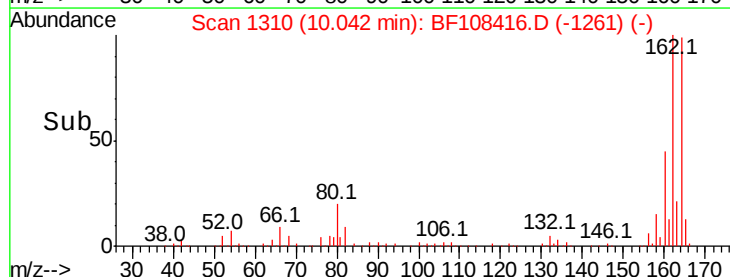
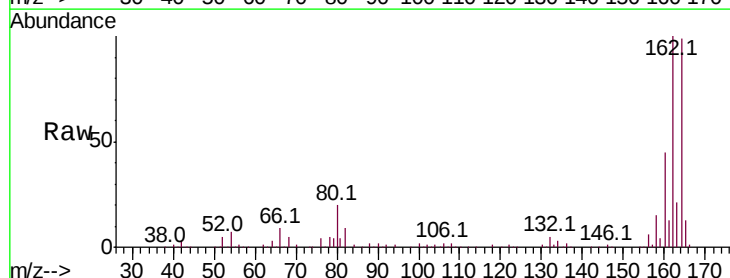
Instrument :
BNA_F
ClientSampleId :
PB112196BL

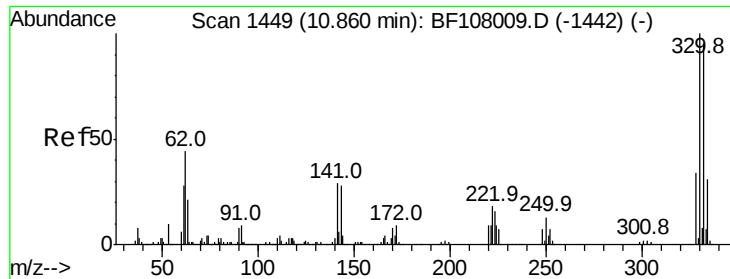
Tot Ion: 82 Resp: 1151170
Ion Ratio Lower Upper
82 100
128 41.8 36.1 54.1
54 58.8 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Tgt Ion:164 Resp: 276228
Ion Ratio Lower Upper
164 100
162 101.3 86.1 129.1
160 46.0 38.3 57.5

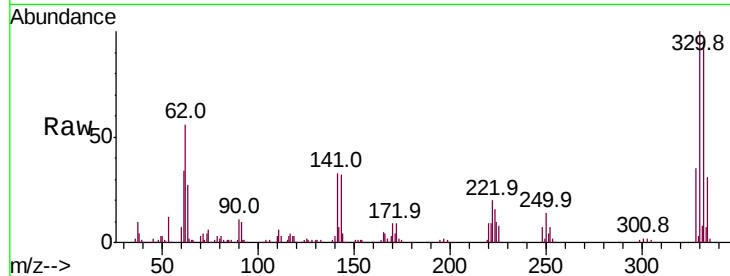




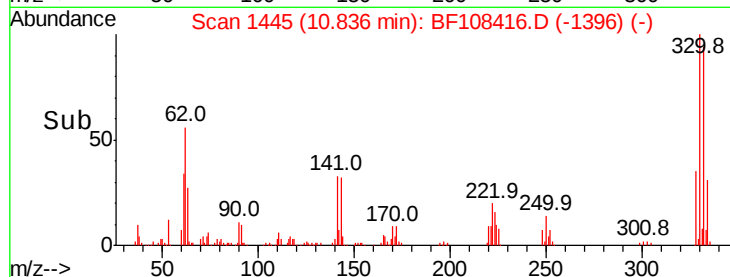
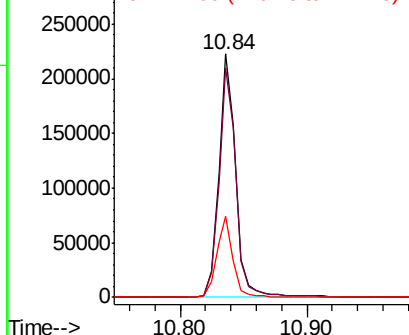
#41
 2,4,6-Tribromophenol
 Concen: 75.546 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108416.D
 Acq: 23 Aug 2018 8:02

Instrument :
 BNA_F
 ClientSampleId :
 PB112196BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	32.2	29.9	44.9

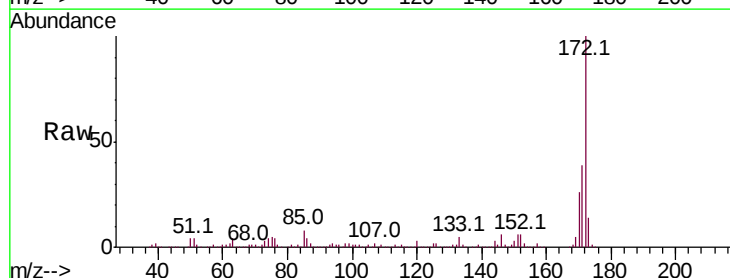


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

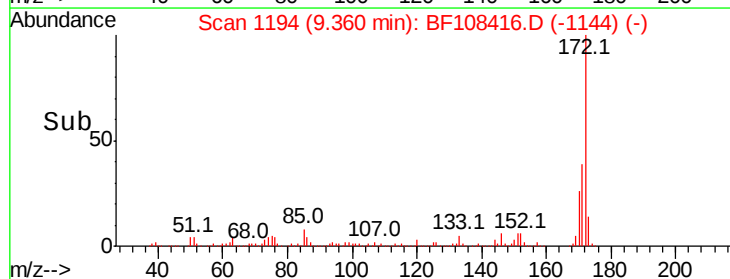
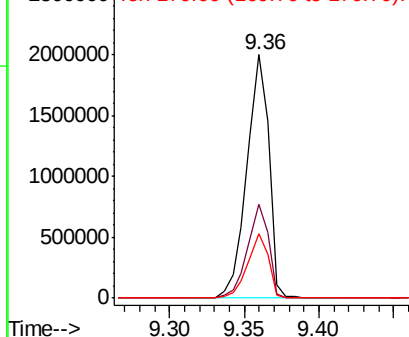


#44
 2-Fluorobiphenyl
 Concen: 118.564 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108416.D
 Acq: 23 Aug 2018 8:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	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

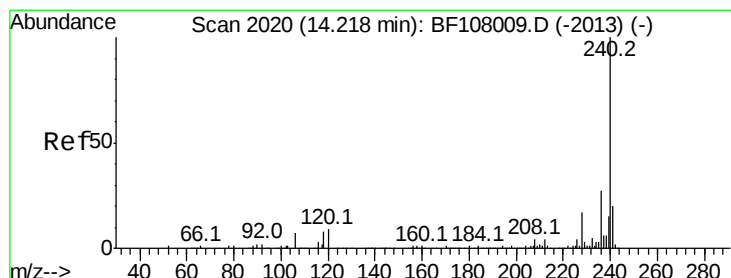
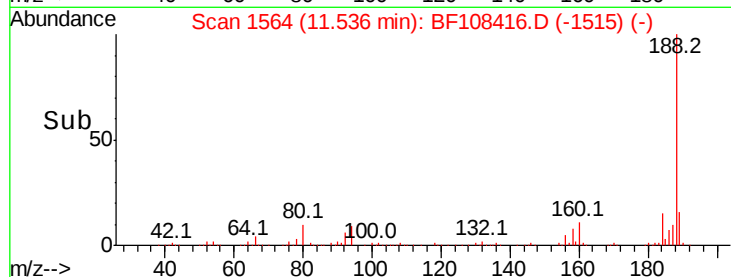
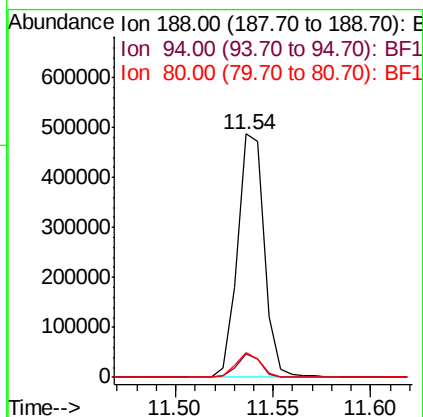
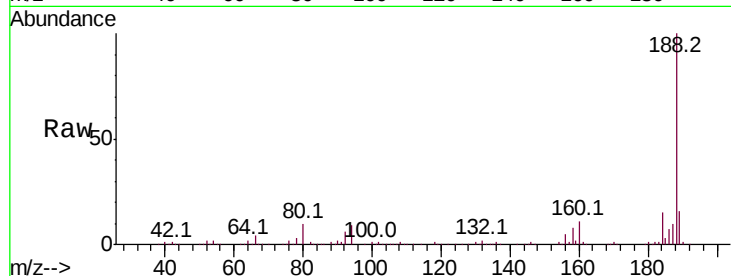




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

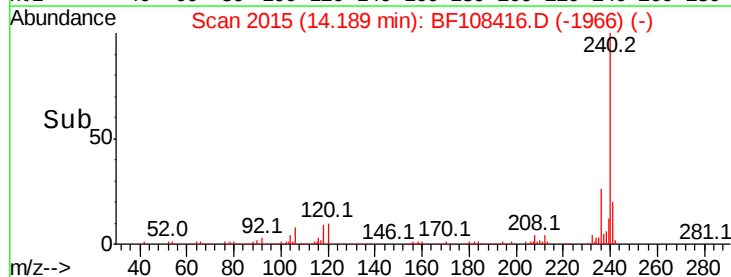
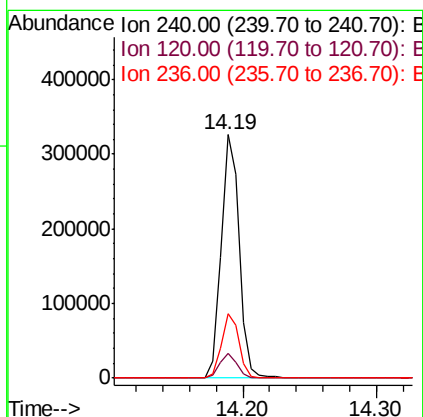
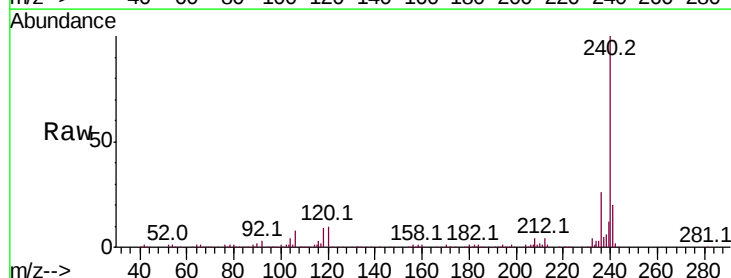
Instrument :
BNA_F
ClientSampleId :
PB112196BL

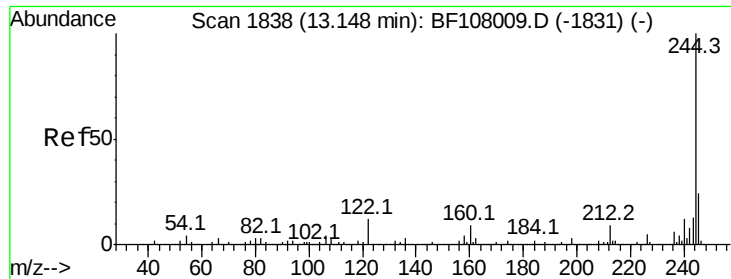
Tot Ion:188 Resp: 465317
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108416.D
Acq: 23 Aug 2018 8:02

Tgt Ion:240 Resp: 312100
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 26.4 20.7 31.1





#78

Terphenyl-d14

Concen: 120.683 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108416.D

Acq: 23 Aug 2018 8:02

Instrument :

BNA_F

ClientSampleId :

PB112196BL

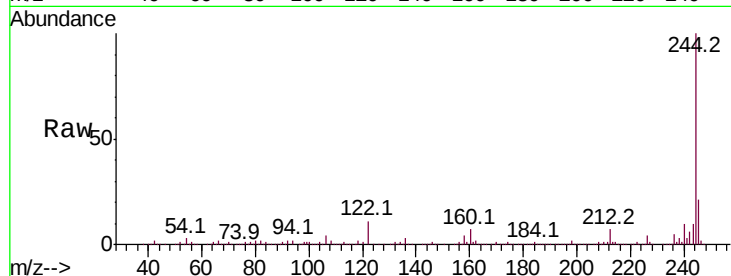
Tot Ion:244 Resp: 1481383

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

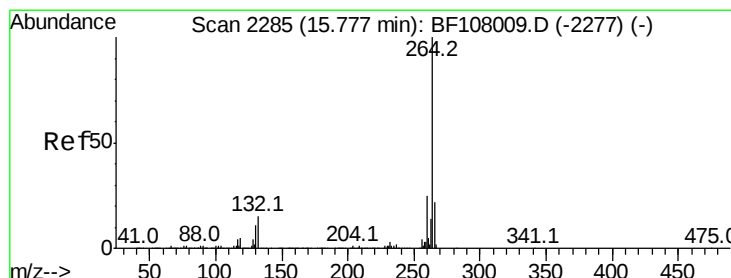
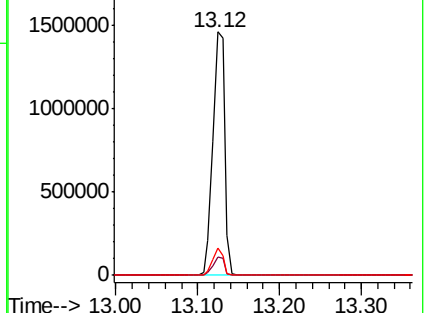
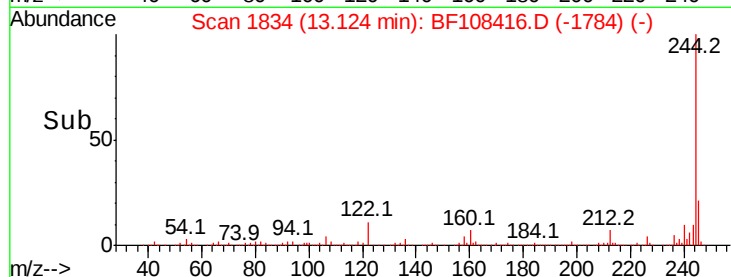
122 11.3 11.0 16.4



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: BF108416.D

Acq: 23 Aug 2018 8:02

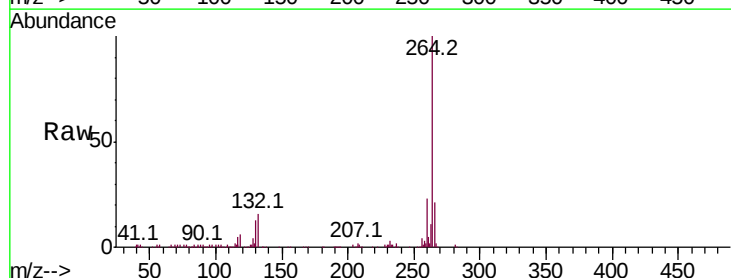
Tgt Ion:264 Resp: 250945

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.9 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

