

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
 Data File : BF108597.D
 Acq On : 29 Aug 2018 11:52
 Operator : JU/SJ
 Sample : PB112381BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112381BL

Quant Time: Aug 29 12:53:45 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	142063	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	557647	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	289337	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	611811	20.00	ng	0.00
75) Chrysene-d12	14.19	240	498266	20.00	ng	0.00
86) Perylene-d12	15.75	264	369491	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	952721	121.42	ng	0.01
7) Phenol-d6	6.63	99	1323489	126.92	ng	0.00
23) Nitrobenzene-d5	7.57	82	882592	88.32	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	426819	147.89	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1722139	95.56	ng	-0.01
78) Terphenyl-d14	13.13	244	1964442	100.24	ng	0.00

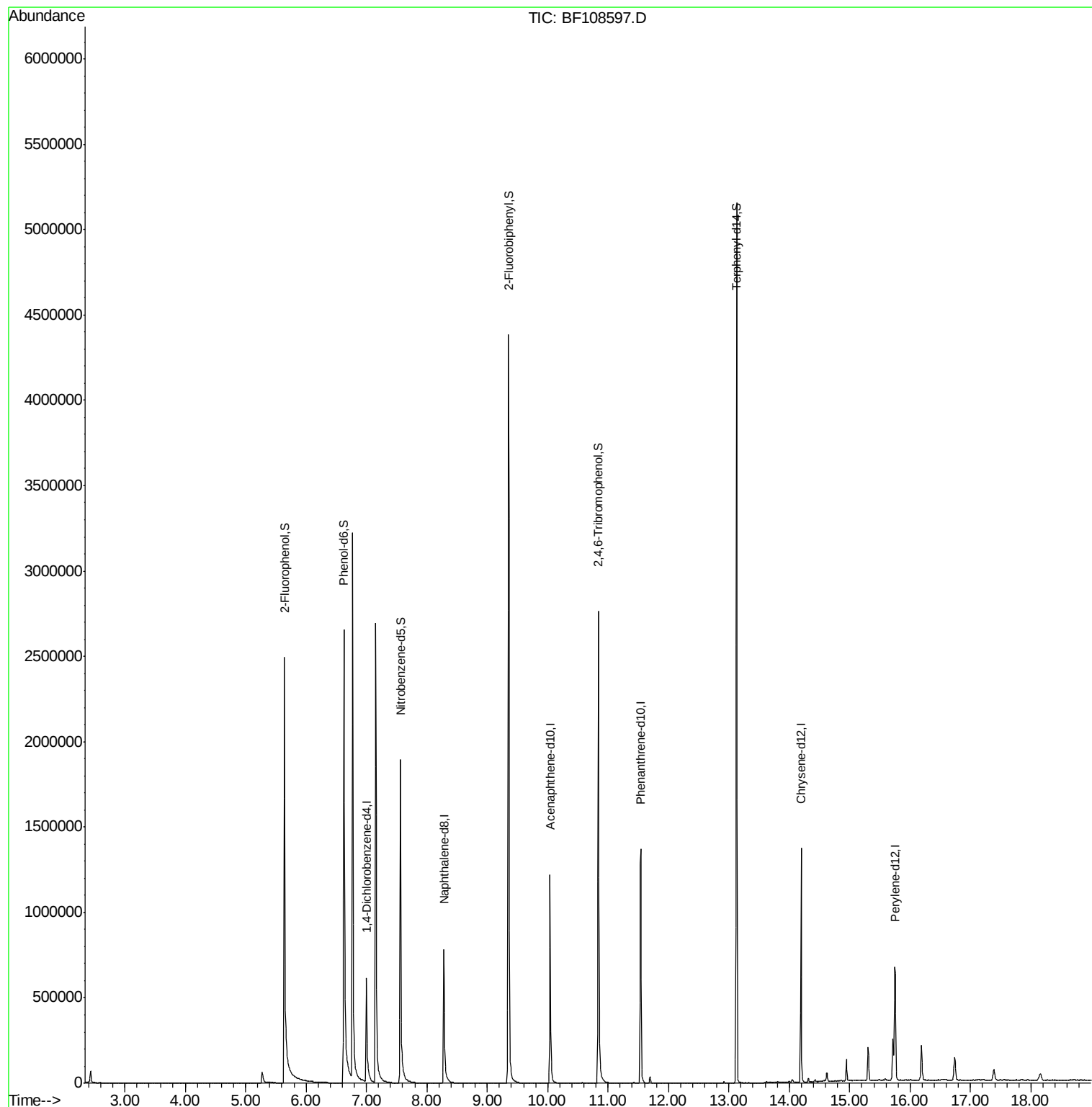
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108597.D
Acq On : 29 Aug 2018 11:52
Operator : JU/SJ
Sample : PB112381BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112381BL

Quant Time: Aug 29 12:53:45 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



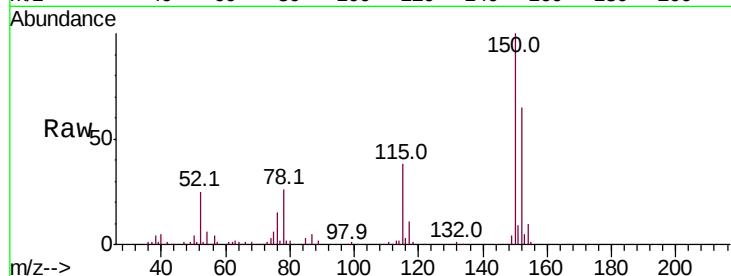


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108597.D
Acq: 29 Aug 2018 11:52

Instrument :
BNA_F
ClientSampleId :
PB112381BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	58.9	50.1	75.1

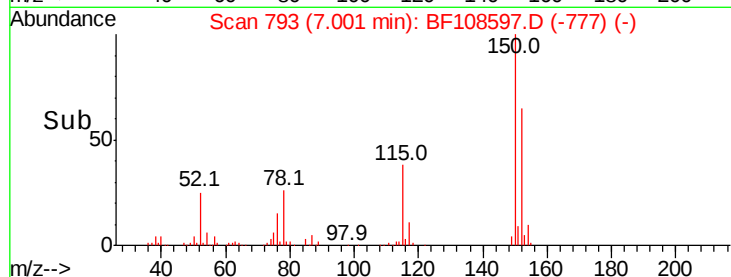
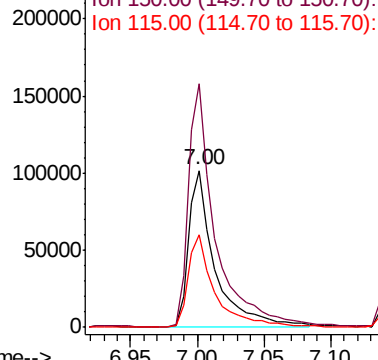


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

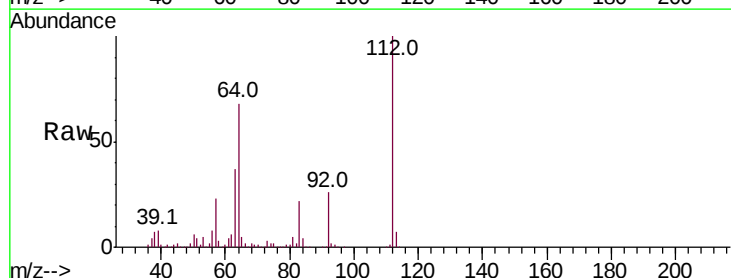
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.415 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108597.D
Acq: 29 Aug 2018 11:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	47.9	71.9
63	36.5	23.7	35.5#

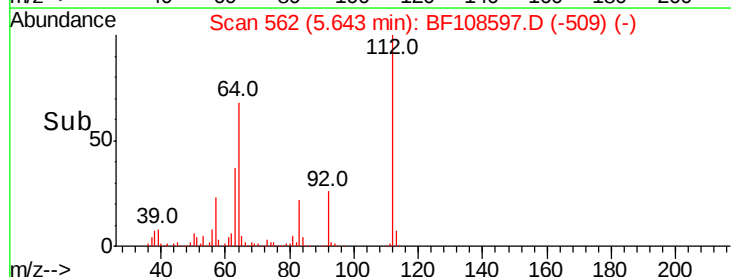
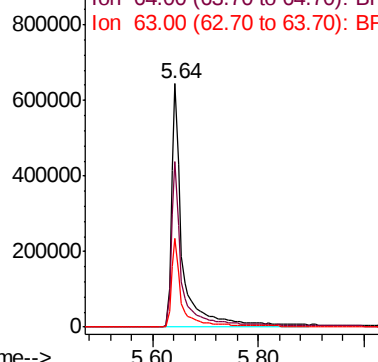


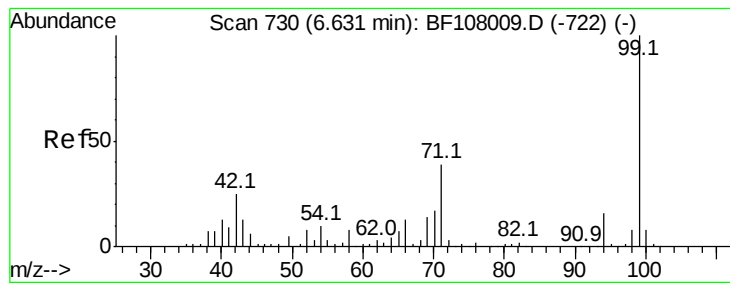
Abundance

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: 126.925 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108597.D

Acq: 29 Aug 2018 11:52

Instrument :

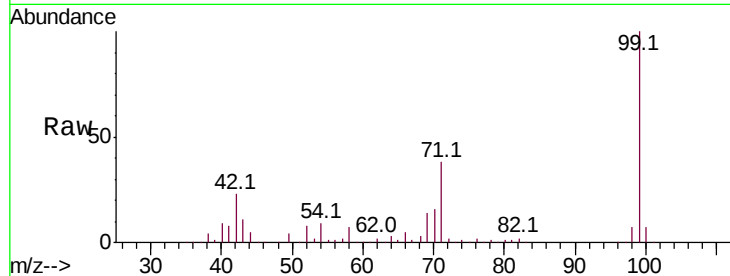
BNA_F

ClientSampleId :

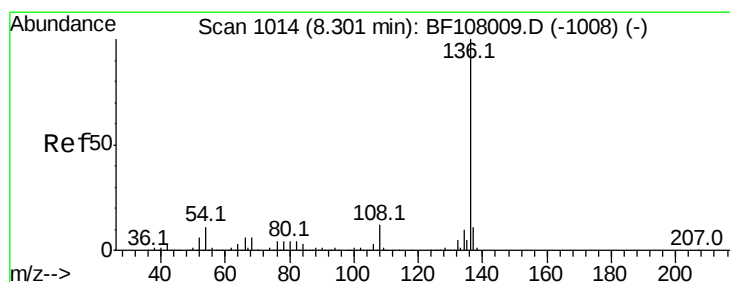
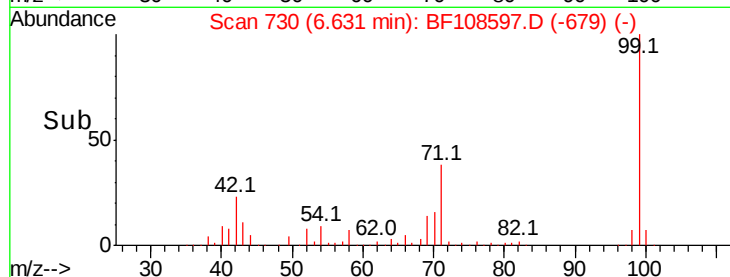
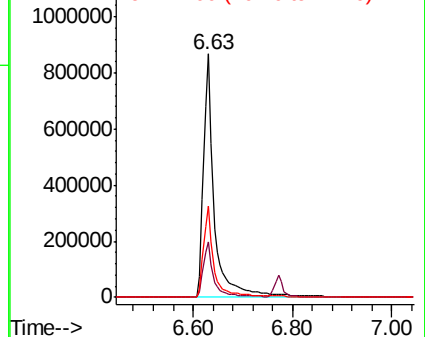
PB112381BL

Tot Ion: 99 Resp: 1323489

Ion	Ratio	Lower	Upper
99	100		
42	22.6	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

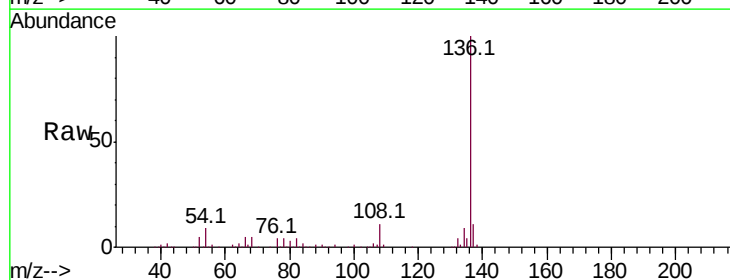
Delta R.T. -0.01 min

Lab File: BF108597.D

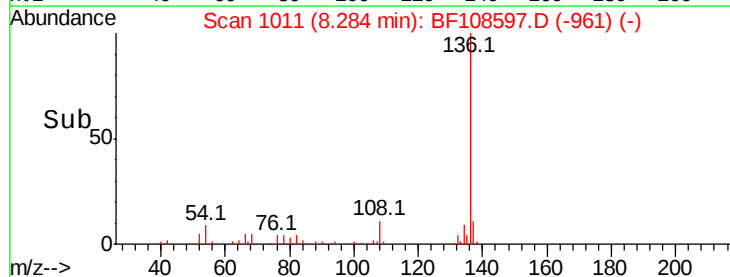
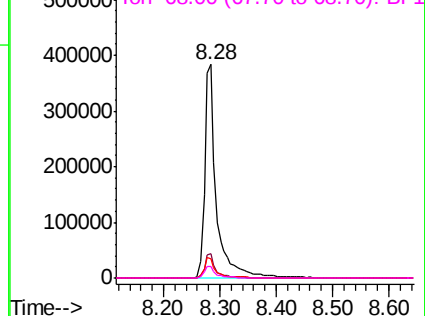
Acq: 29 Aug 2018 11:52

Tgt Ion: 136 Resp: 557647

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.3	6.6	9.8
68	5.3	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: 88.317 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108597.D

Acq: 29 Aug 2018 11:52

Instrument :

BNA_F

ClientSampleId :

PB112381BL

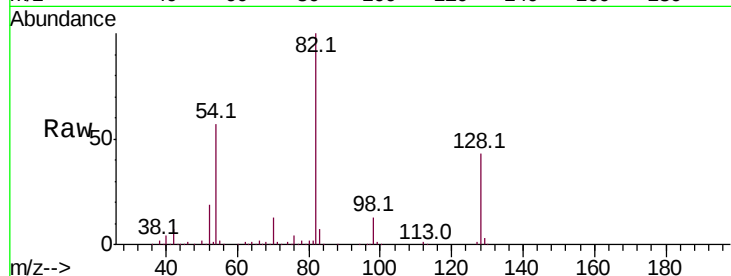
Tot Ion: 82 Resp: 882592

Ion Ratio Lower Upper

82 100

128 42.7 36.1 54.1

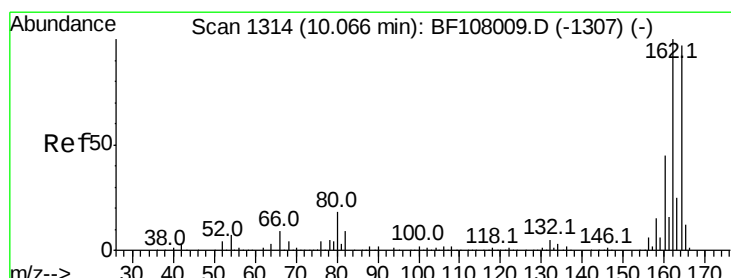
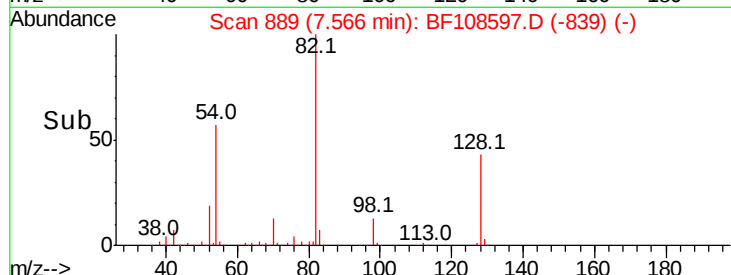
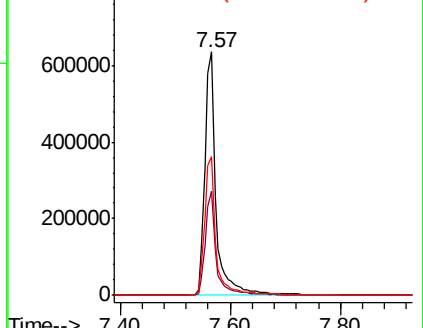
54 56.8 41.4 62.2



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: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108597.D

Acq: 29 Aug 2018 11:52

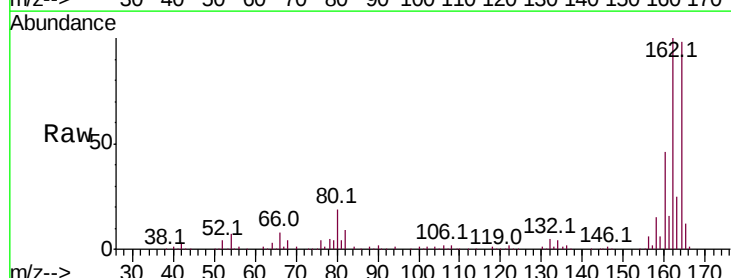
Tgt Ion:164 Resp: 289337

Ion Ratio Lower Upper

164 100

162 102.3 86.1 129.1

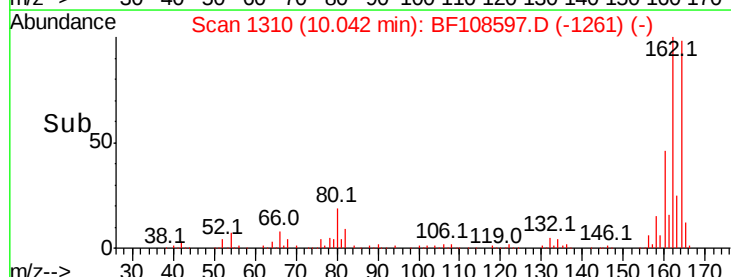
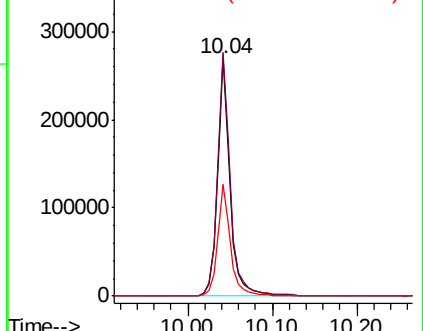
160 47.1 38.3 57.5

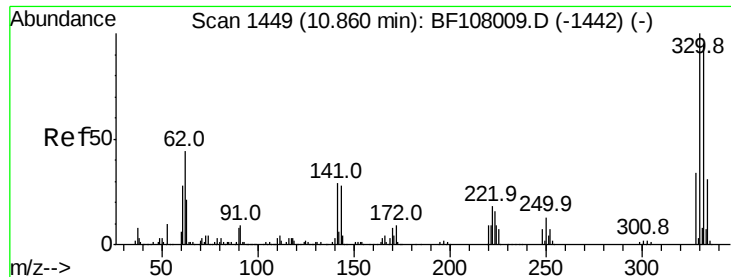


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

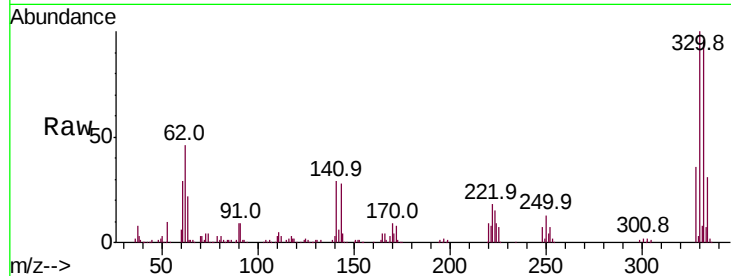




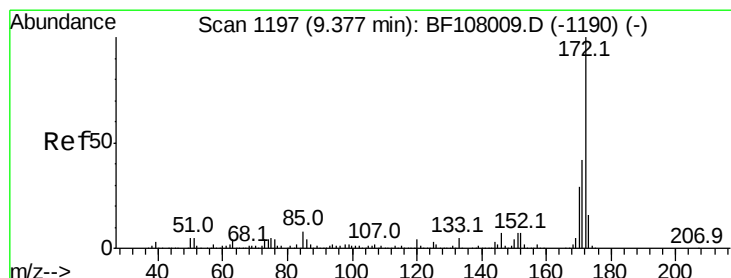
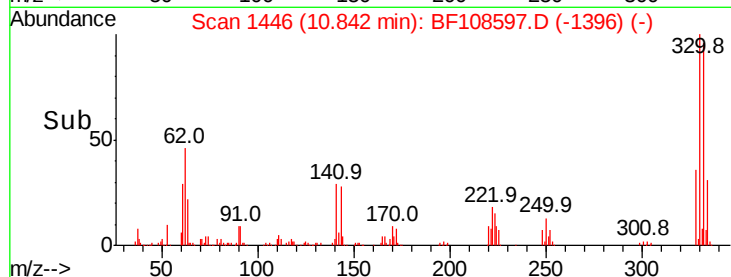
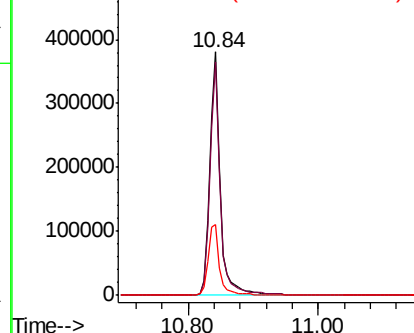
#41
 2,4,6-Tribromophenol
 Concen: 147.890 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108597.D
 Acq: 29 Aug 2018 11:52

Instrument :
 BNA_F
 ClientSampleId :
 PB112381BL

Tot Ion:330 Resp: 426819
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 32.2 29.9 44.9

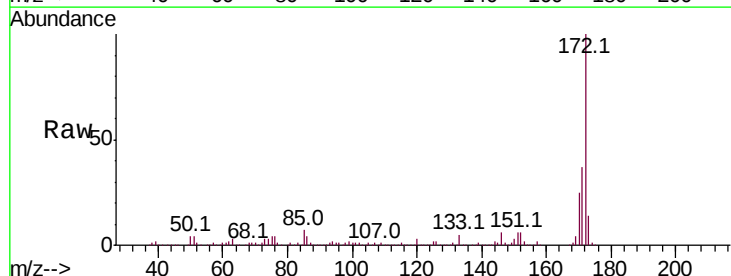


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

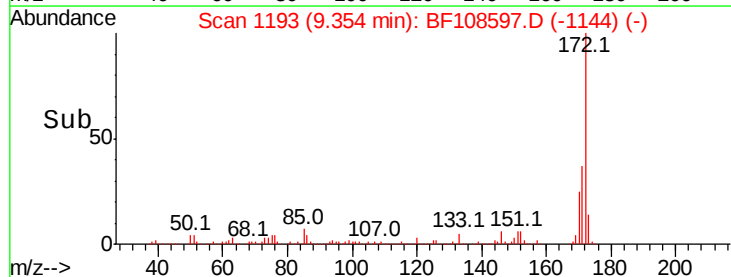
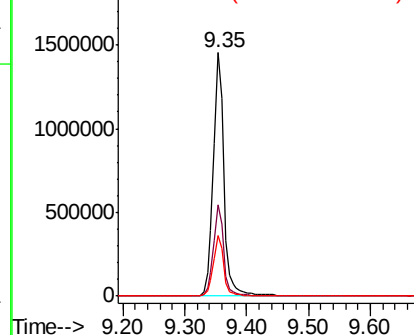


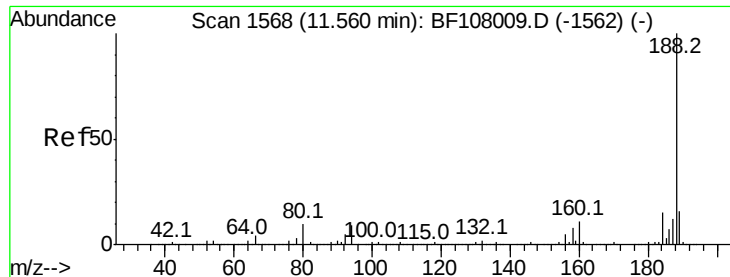
#44
 2-Fluorobiphenyl
 Concen: 95.558 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108597.D
 Acq: 29 Aug 2018 11:52

Tgt Ion:172 Resp: 1722139
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.7 44.5
 170 25.1 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

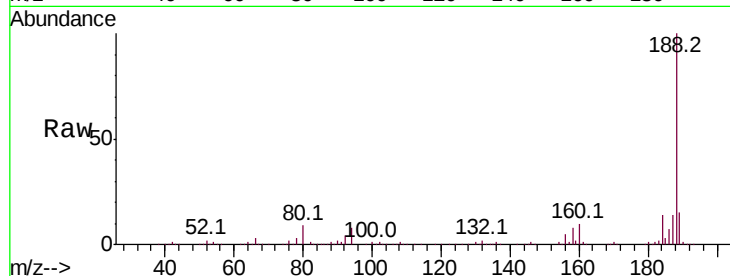




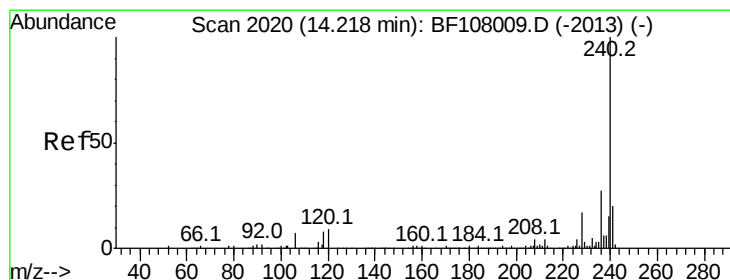
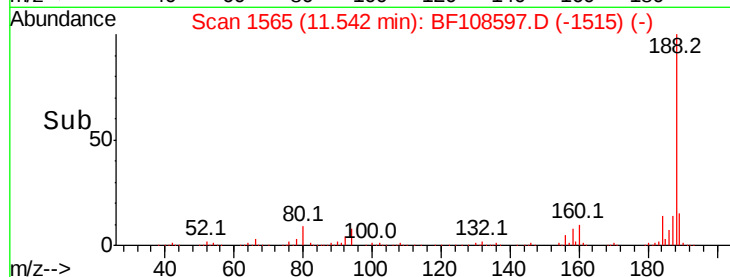
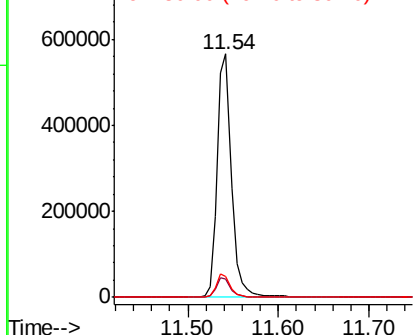
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108597.D
Acq: 29 Aug 2018 11:52

Instrument :
BNA_F
ClientSampleId :
PB112381BL

Tot Ion:188 Resp: 611811
Ion Ratio Lower Upper
188 100
94 7.6 8.5 12.7#
80 8.8 9.2 13.8#

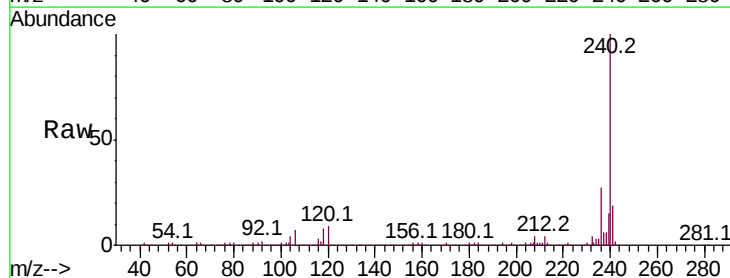


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

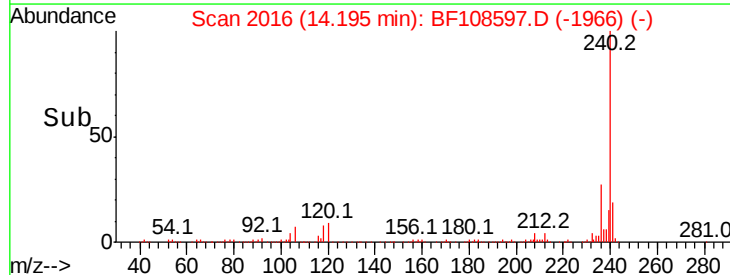
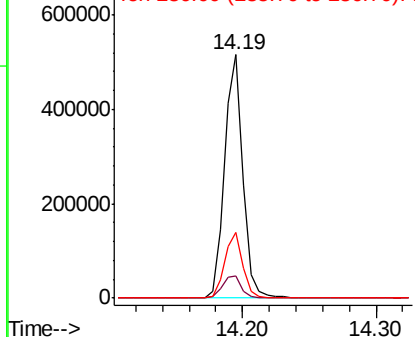


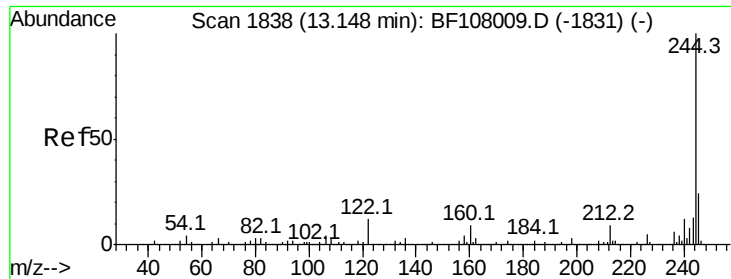
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108597.D
Acq: 29 Aug 2018 11:52

Tgt Ion:240 Resp: 498266
Ion Ratio Lower Upper
240 100
120 9.1 9.5 14.3#
236 26.9 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: 100.242 ng

RT: 13.13 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF108597.D

Acq: 29 Aug 2018 11:52

Instrument :

BNA_F

ClientSampleId :

PB112381BL

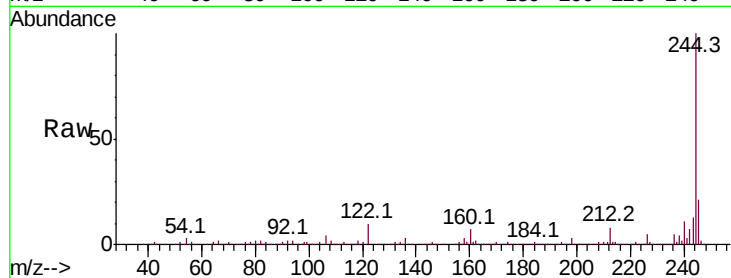
Tot Ion:244 Resp: 1964442

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

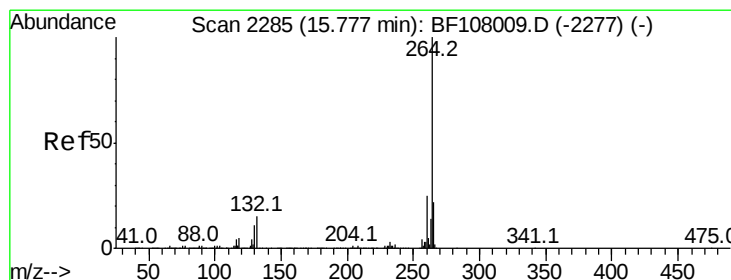
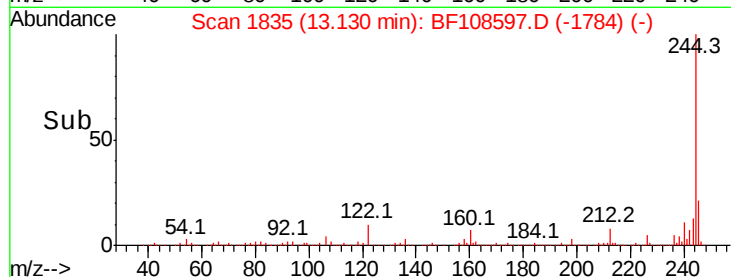
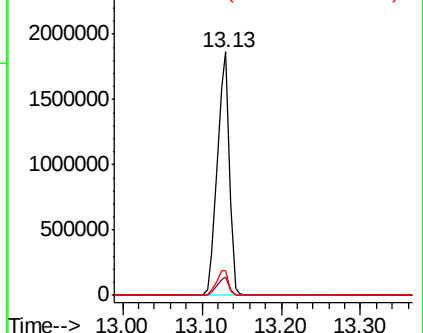
122 10.2 11.0 16.4#



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: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108597.D

Acq: 29 Aug 2018 11:52

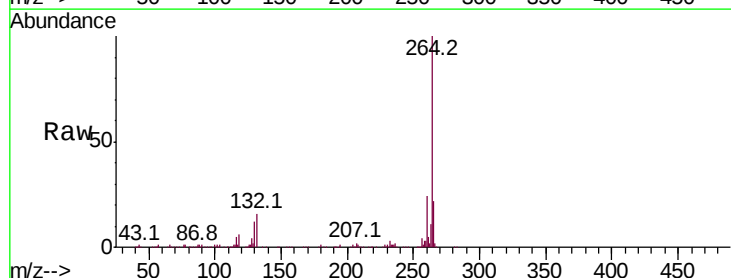
Tgt Ion:264 Resp: 369491

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.8 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

