

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
 Data File : BF108017.D
 Acq On : 8 Aug 2018 14:11
 Operator : JU/SJ
 Sample : PB111227BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111227BL

Quant Time: Aug 08 15:49:23 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 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	294112	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1117746	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	605354	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	1277986	20.00	ng	0.00
75) Chrysene-d12	14.21	240	1149498	20.00	ng	0.00
86) Perylene-d12	15.77	264	1022318	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	2157324	132.80	ng	0.02
7) Phenol-d6	6.64	99	2844497	131.76	ng	0.00
23) Nitrobenzene-d5	7.58	82	1937087	96.71	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	928880	153.83	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	3500084	92.83	ng	0.00
78) Terphenyl-d14	13.15	244	4161150	92.04	ng	0.00

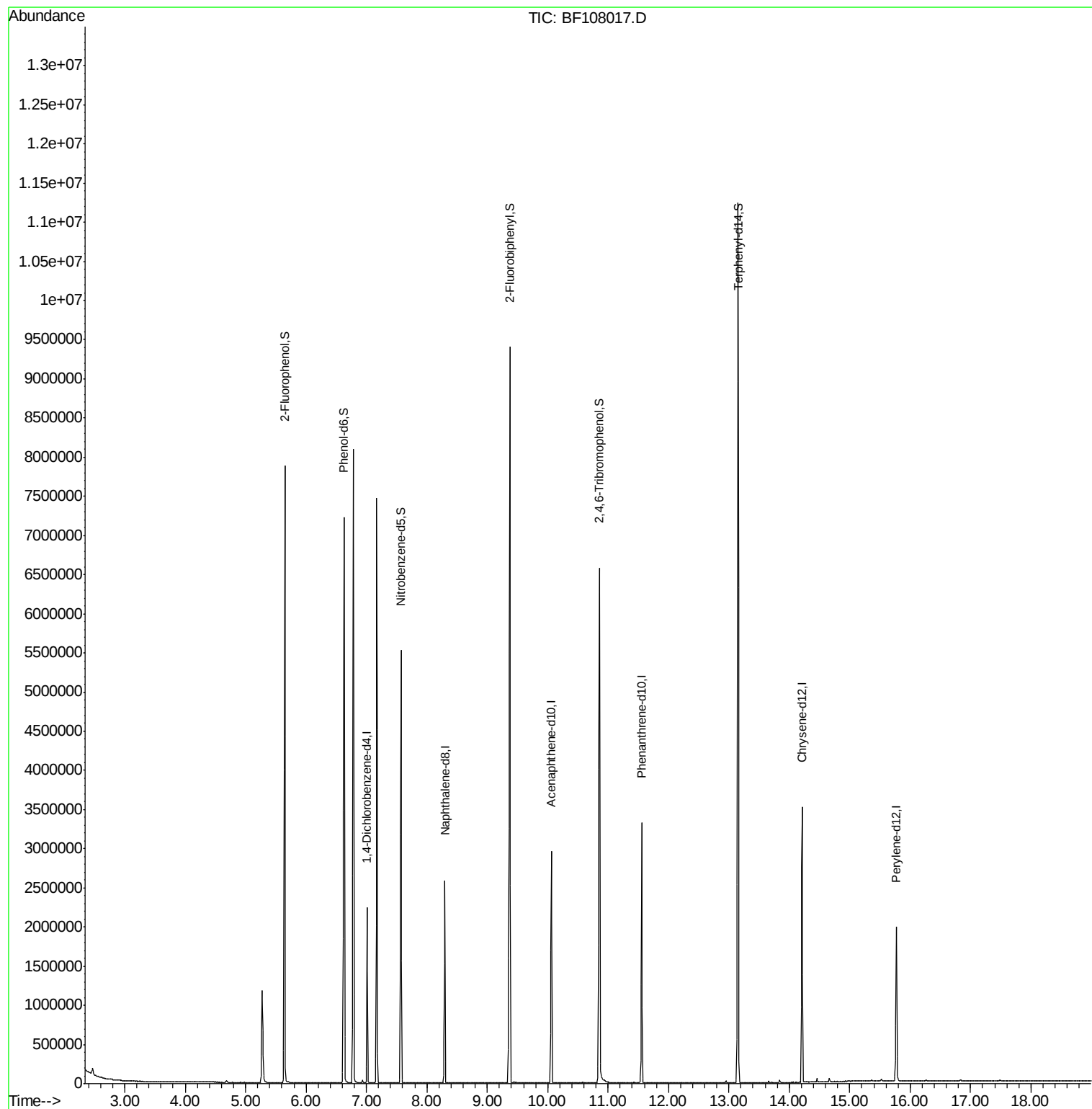
Target Compounds	Qvalue
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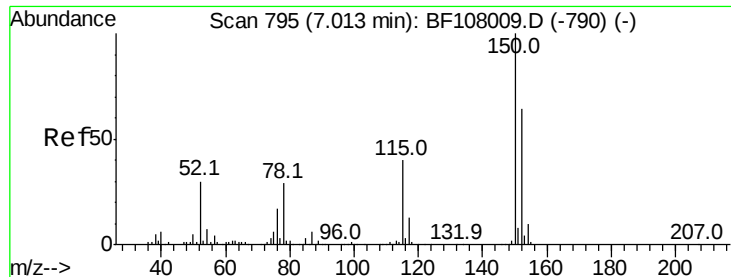
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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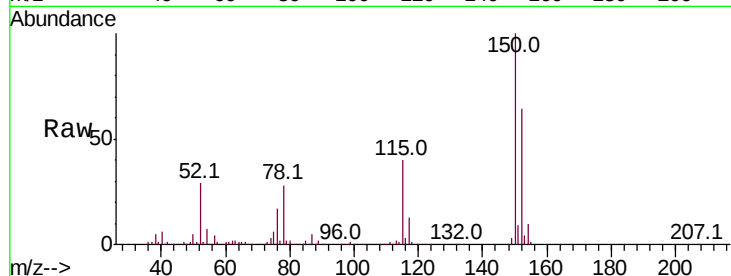


#1

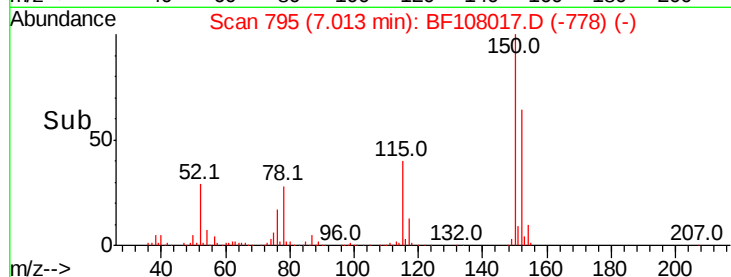
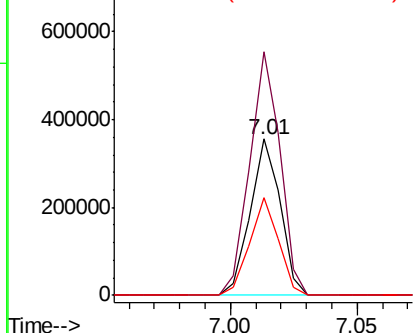
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108017.D
Acq: 8 Aug 2018 14:11

Instrument :
BNA_F
ClientSampleId :
PB111227BL

Tot Ion:152 Resp: 294112
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 62.5 50.1 75.1



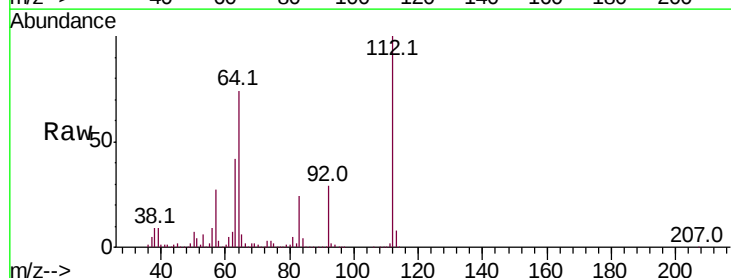
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



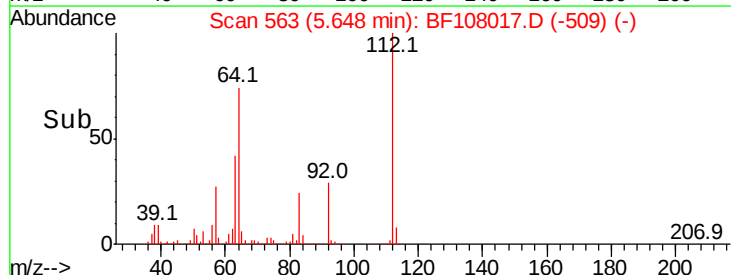
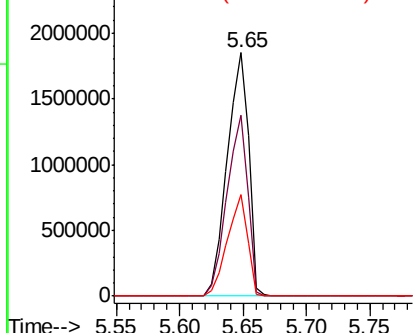
#5

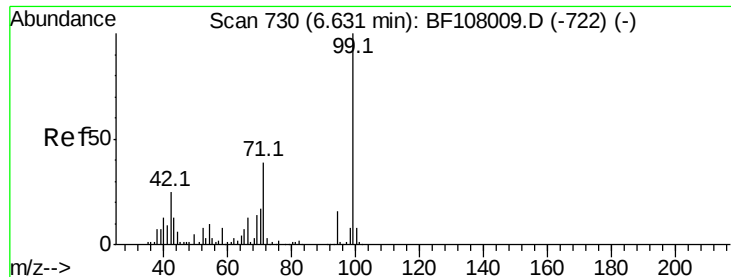
2-Fluorophenol
Concen: 132.798 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108017.D
Acq: 8 Aug 2018 14:11

Tgt Ion:112 Resp: 2157324
Ion Ratio Lower Upper
112 100
64 74.2 47.9 71.9#
63 41.6 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: 131.765 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108017.D

Acq: 8 Aug 2018 14:11

Instrument :

BNA_F

ClientSampleId :

PB111227BL

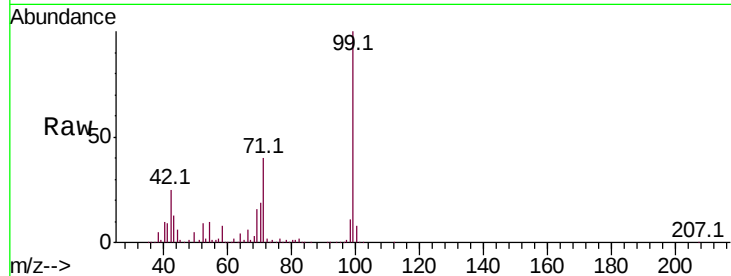
Tot Ion: 99 Resp: 2844497

Ion Ratio Lower Upper

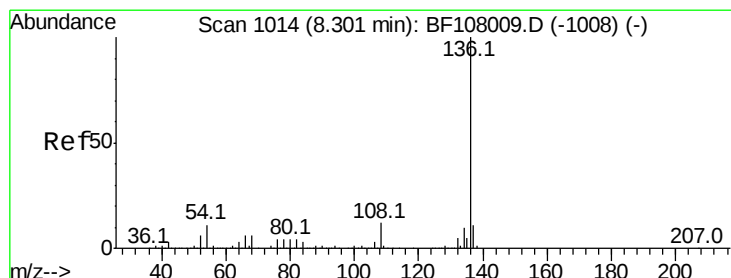
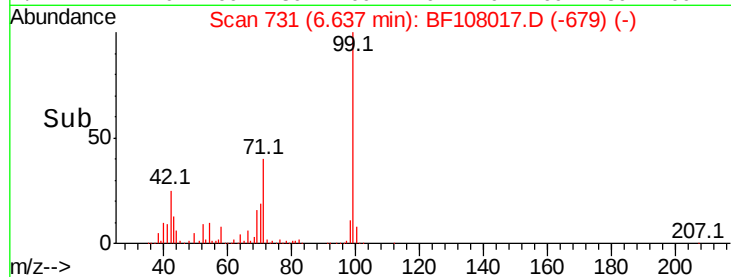
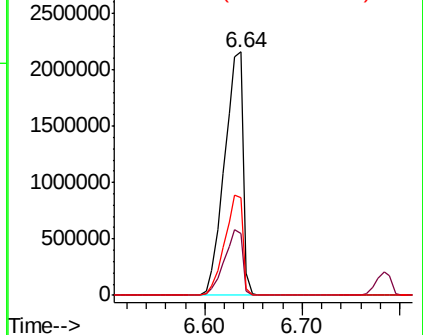
99 100

42 25.2 14.5 21.7#

71 40.0 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: 8.30 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF108017.D

Acq: 8 Aug 2018 14:11

Tgt Ion:136 Resp: 1117746

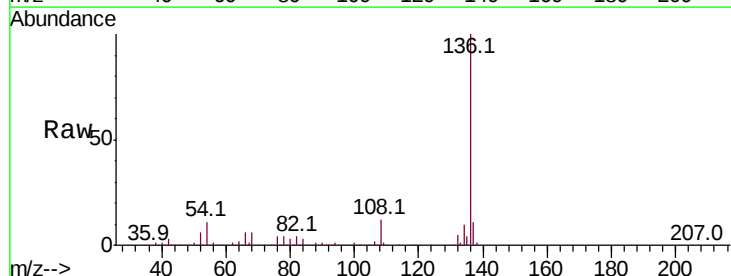
Ion Ratio Lower Upper

136 100

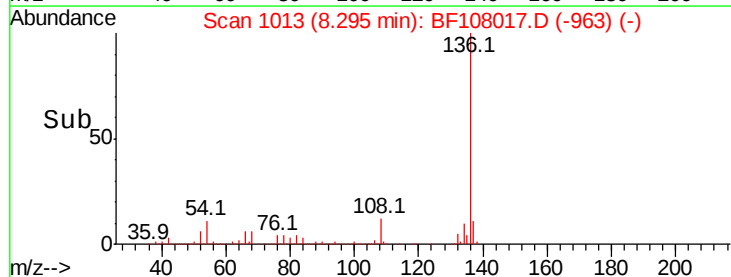
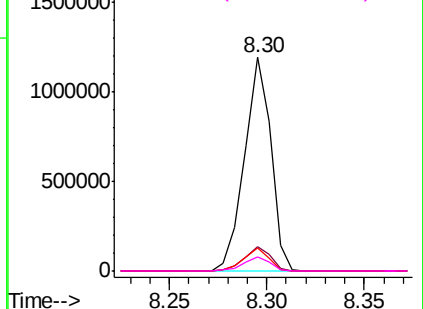
137 11.5 8.9 13.3

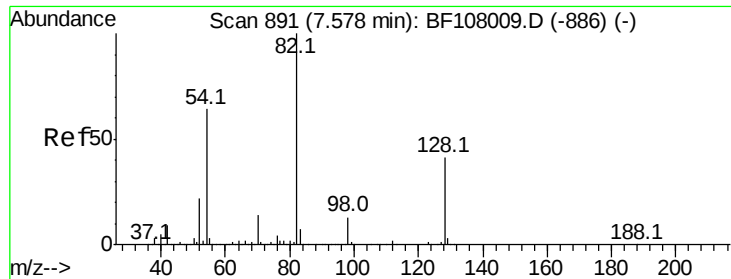
54 11.0 6.6 9.8#

68 6.4 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

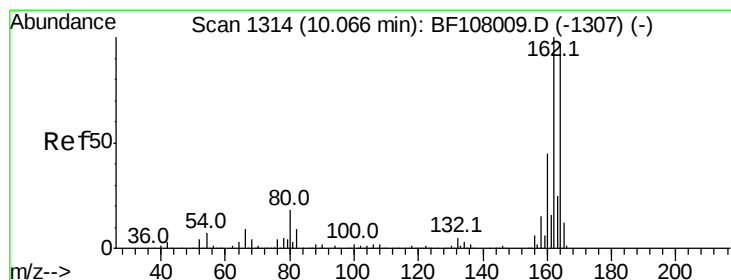
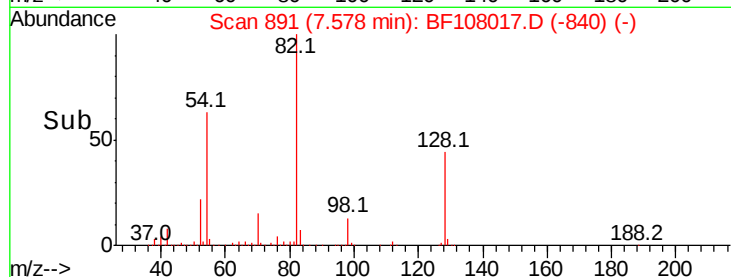
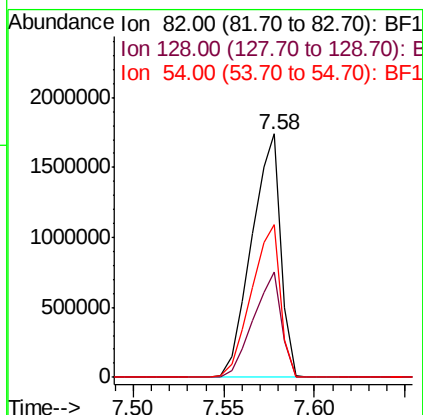
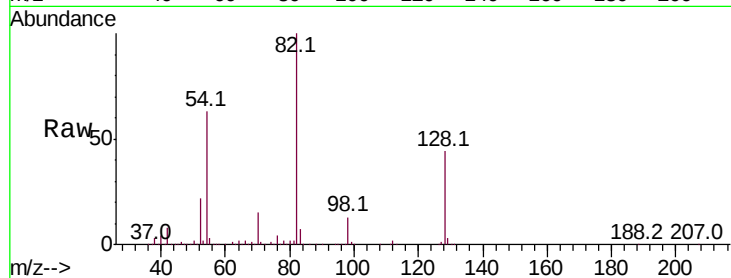




#23
 Nitrobenzene-d5
 Concen: 96.706 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108017.D
 Acq: 8 Aug 2018 14:11

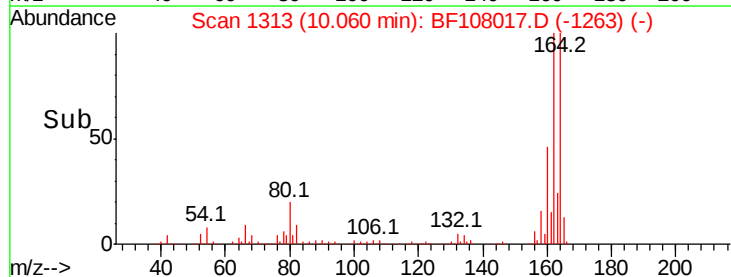
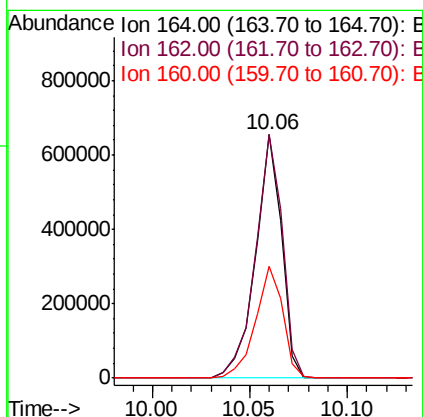
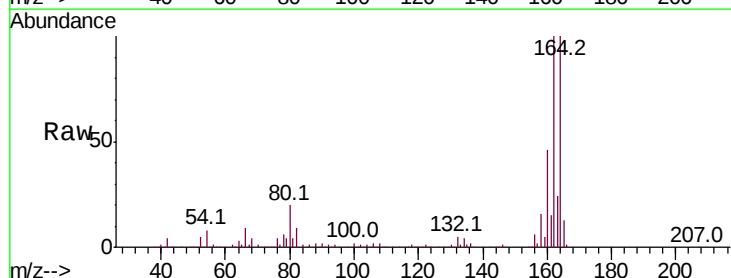
Instrument :
 BNA_F
 ClientSampleId :
 PB111227BL

Tot Ion: 82 Resp: 1937087
 Ion Ratio Lower Upper
 82 100
 128 43.5 36.1 54.1
 54 62.8 41.4 62.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108017.D
 Acq: 8 Aug 2018 14:11

Tgt Ion:164 Resp: 605354
 Ion Ratio Lower Upper
 164 100
 162 100.0 86.1 129.1
 160 46.0 38.3 57.5

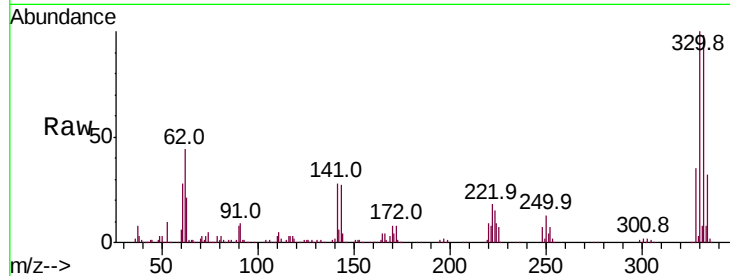




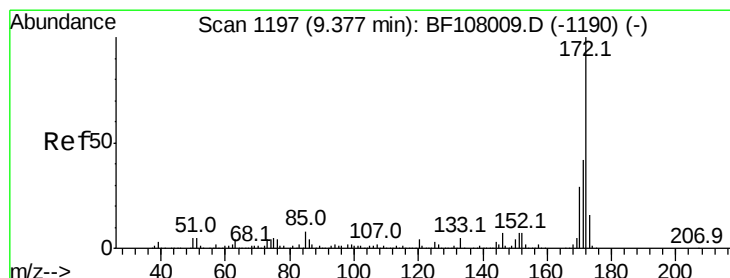
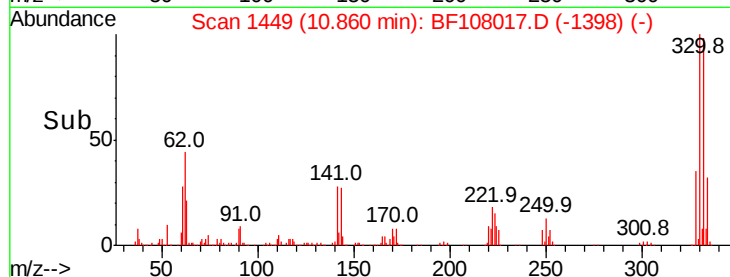
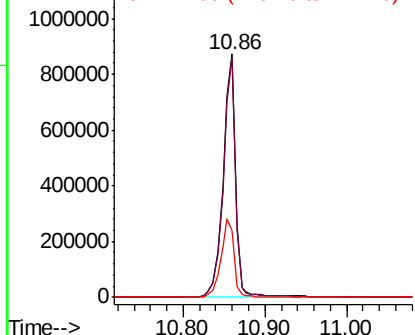
#41
 2,4,6-Tribromophenol
 Concen: 153.833 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108017.D
 Acq: 8 Aug 2018 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB111227BL

Tot Ion:330 Resp: 928880
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 34.3 29.9 44.9

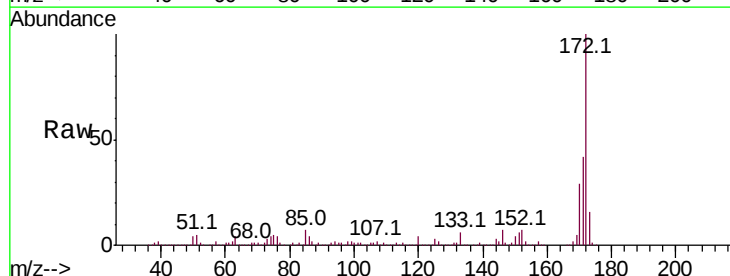


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

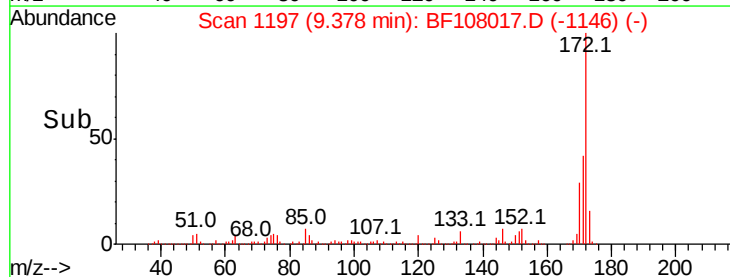
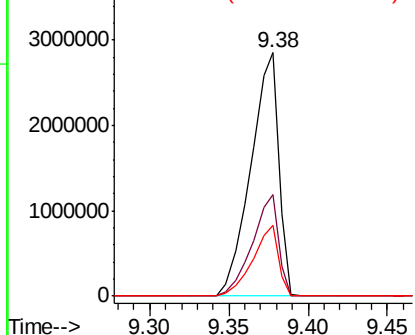


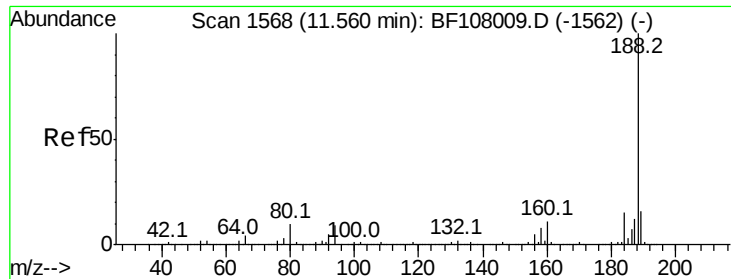
#44
 2-Fluorobiphenyl
 Concen: 92.826 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108017.D
 Acq: 8 Aug 2018 14:11

Tgt Ion:172 Resp: 3500084
 Ion Ratio Lower Upper
 172 100
 171 41.5 29.7 44.5
 170 28.9 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

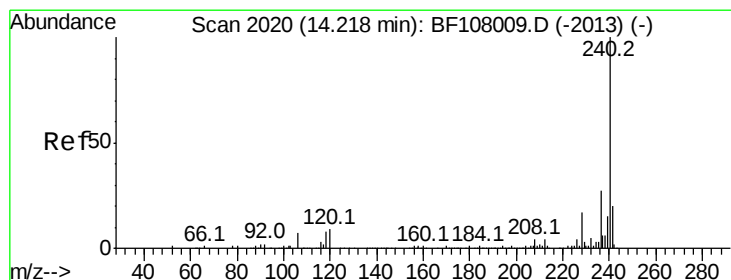
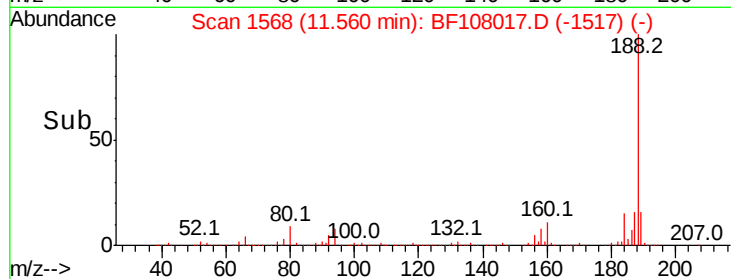
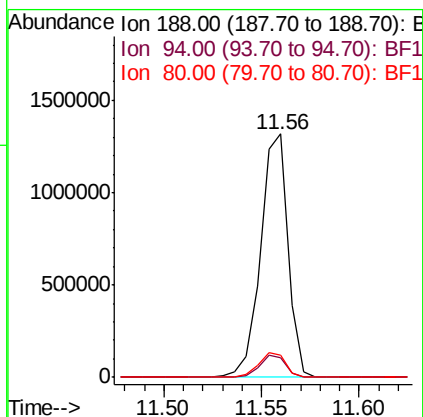
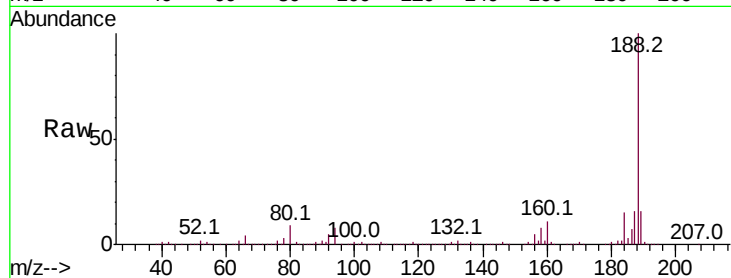




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108017.D
Acq: 8 Aug 2018 14:11

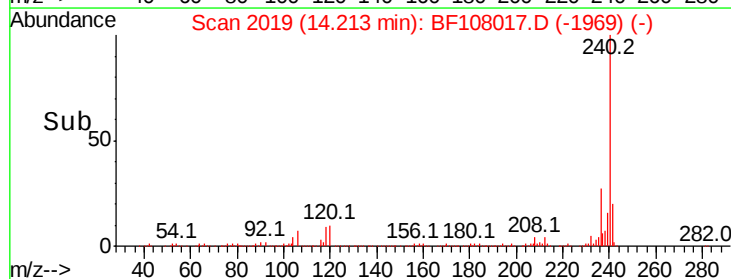
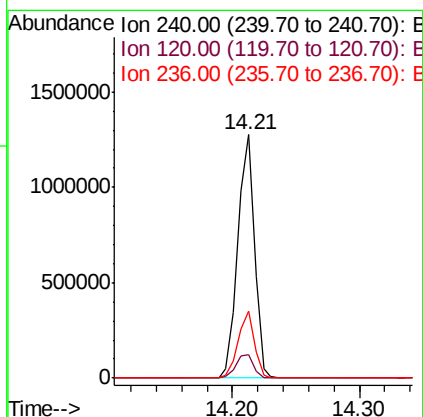
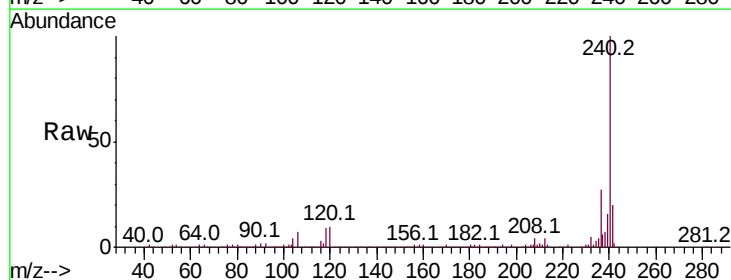
Instrument :
BNA_F
ClientSampleId :
PB111227BL

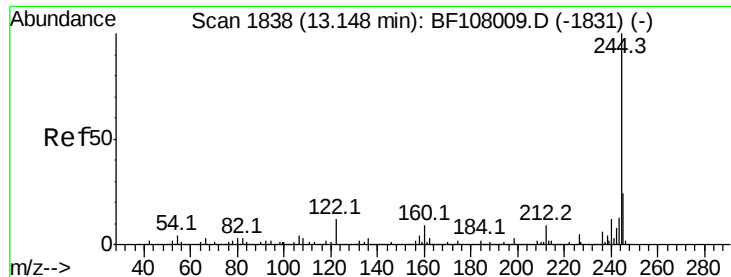
Tot Ion:188 Resp: 1277986
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 9.1 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108017.D
Acq: 8 Aug 2018 14:11

Tgt Ion:240 Resp: 1149498
Ion Ratio Lower Upper
240 100
120 9.9 9.5 14.3
236 27.5 20.7 31.1





#78

Terphenyl-d14

Concen: 92.040 ng

RT: 13.15 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF108017.D

Acq: 8 Aug 2018 14:11

Instrument :

BNA_F

ClientSampleId :

PB111227BL

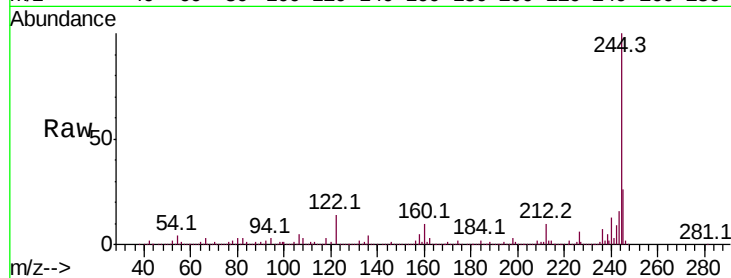
Tot Ion:244 Resp: 4161150

Ion Ratio Lower Upper

244 100

212 9.8 5.4 8.0#

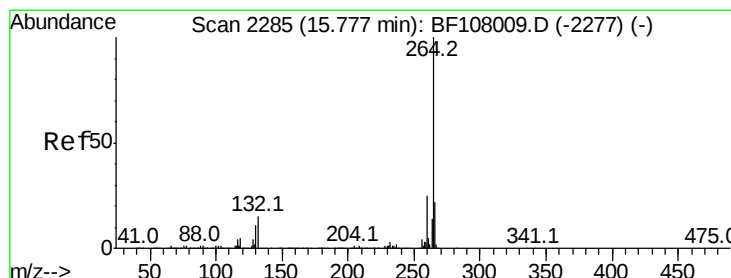
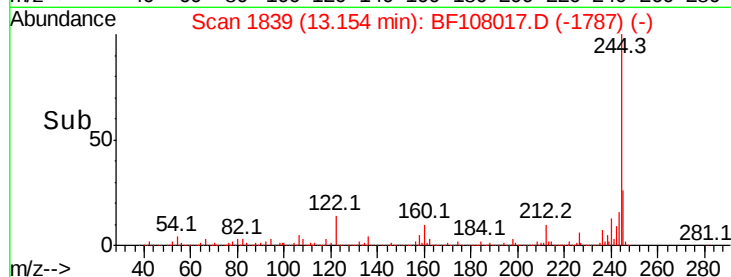
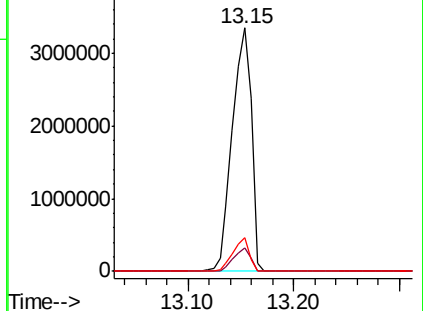
122 14.0 11.0 16.4



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: 15.77 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF108017.D

Acq: 8 Aug 2018 14:11

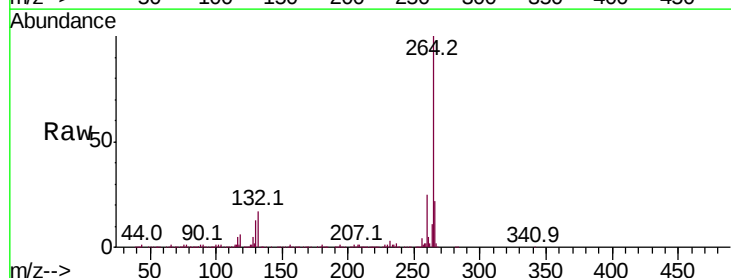
Tgt Ion:264 Resp: 1022318

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 22.0 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

