

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
 Data File : BF108016.D
 Acq On : 8 Aug 2018 13:40
 Operator : JU/SJ
 Sample : PB111180BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111180BL

Quant Time: Aug 08 15:45:47 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	302655	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1143769	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	626108	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	1297954	20.00	ng	0.00
75) Chrysene-d12	14.21	240	1149661	20.00	ng	0.00
86) Perylene-d12	15.77	264	991020	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	2209071	132.14	ng	0.02
7) Phenol-d6	6.63	99	2920849	131.48	ng	0.00
23) Nitrobenzene-d5	7.58	82	1994730	97.32	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	938335	150.25	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	3557424	91.22	ng	0.00
78) Terphenyl-d14	13.15	244	4172622	92.28	ng	0.00

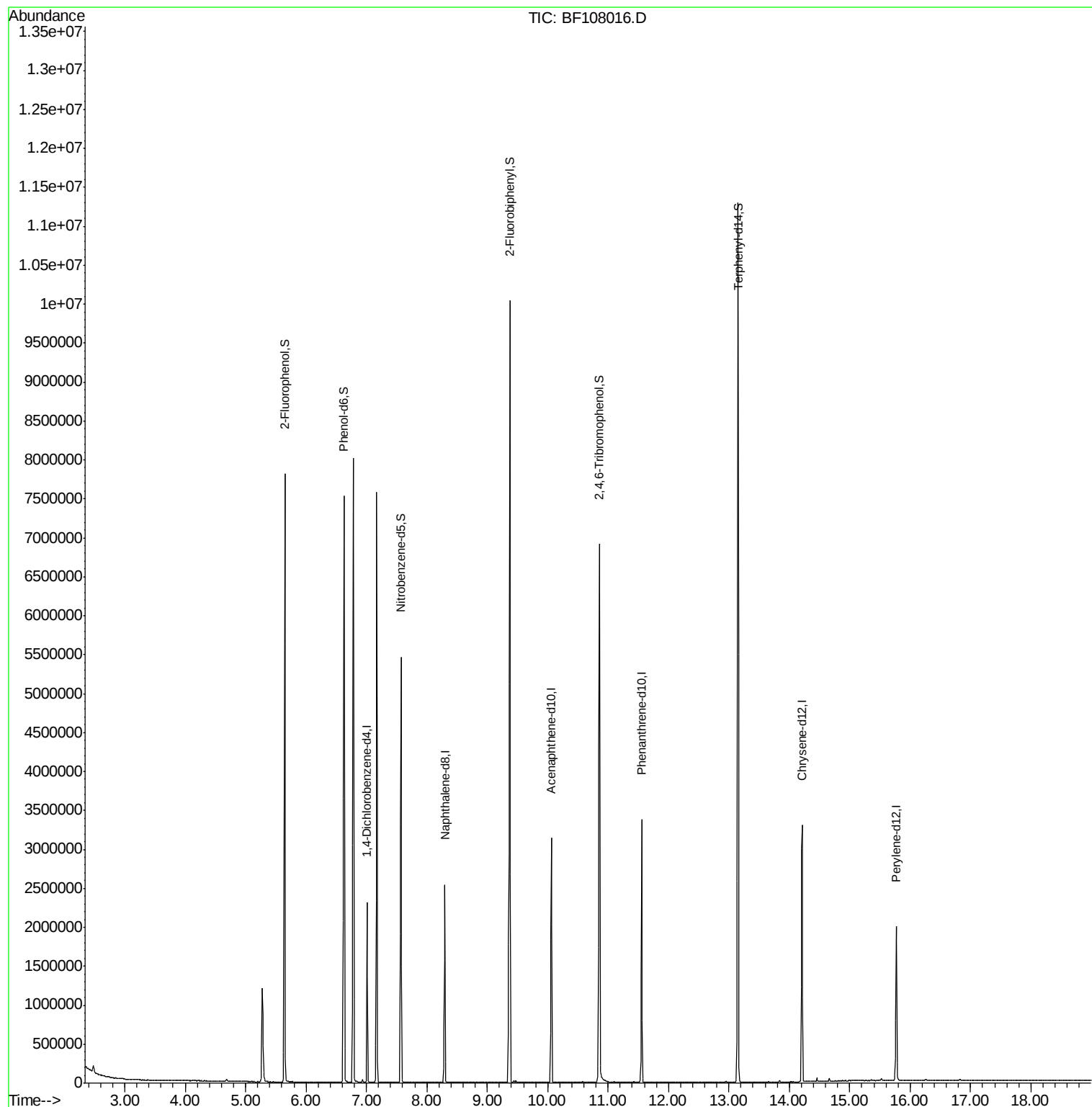
Target Compounds Qvalue

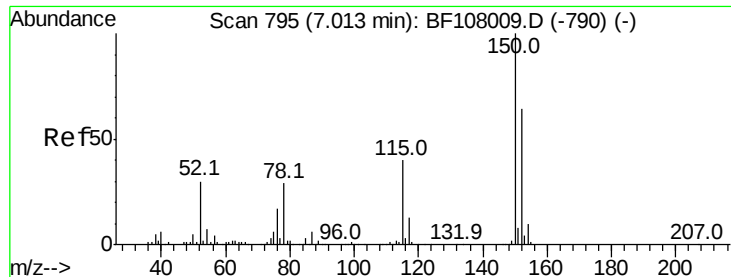
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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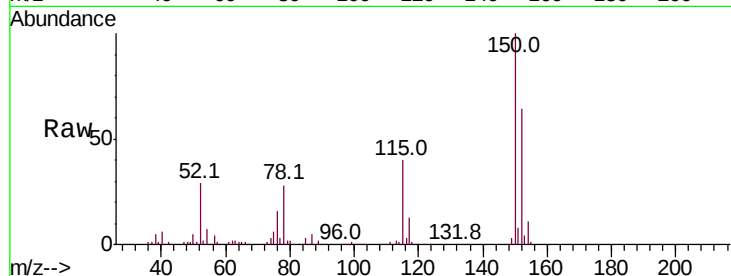


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108016.D
Acq: 8 Aug 2018 13:40

Instrument :
BNA_F
ClientSampleId :
PB111180BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	61.5	50.1	75.1

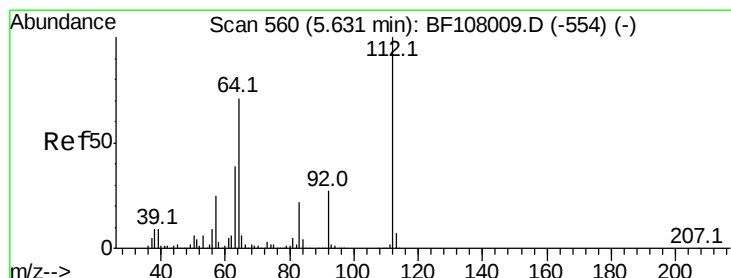
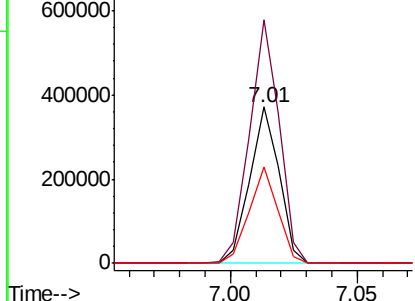
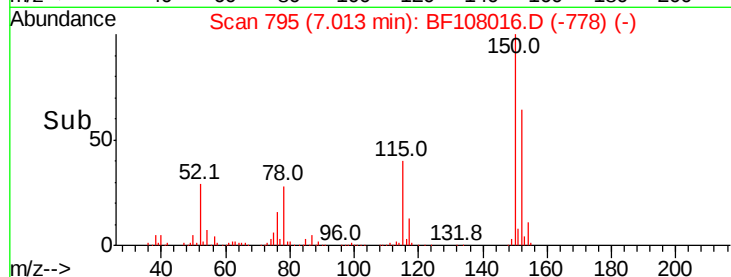


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

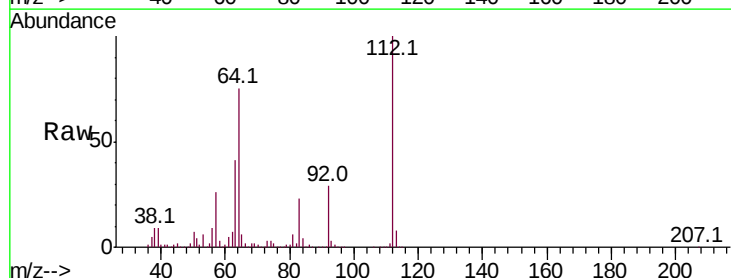
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 132.145 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108016.D
Acq: 8 Aug 2018 13:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.6	47.9	71.9#
63	41.2	23.7	35.5#

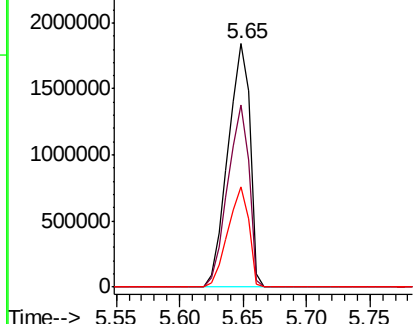
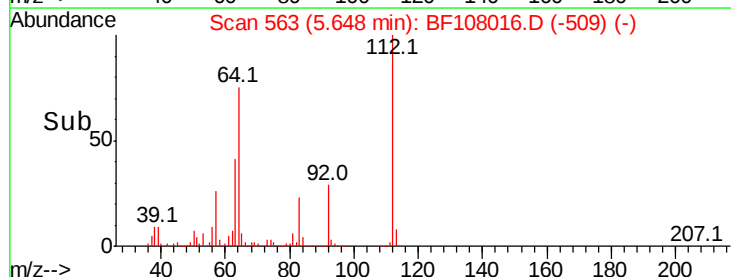


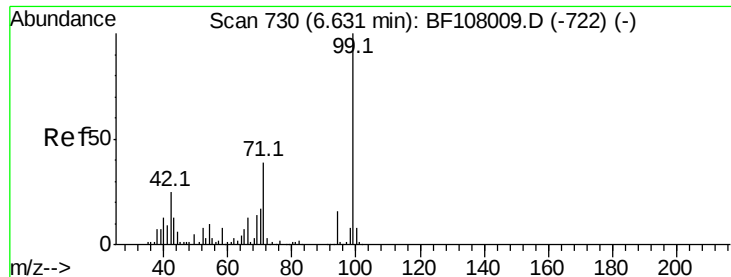
Abundance

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: 131.483 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108016.D

Acq: 8 Aug 2018 13:40

Instrument :

BNA_F

ClientSampleId :

PB111180BL

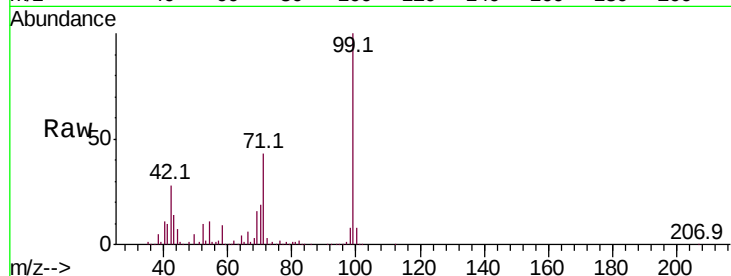
Tot Ion: 99 Resp: 2920849

Ion Ratio Lower Upper

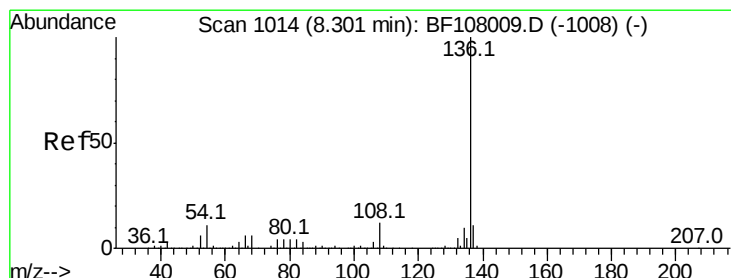
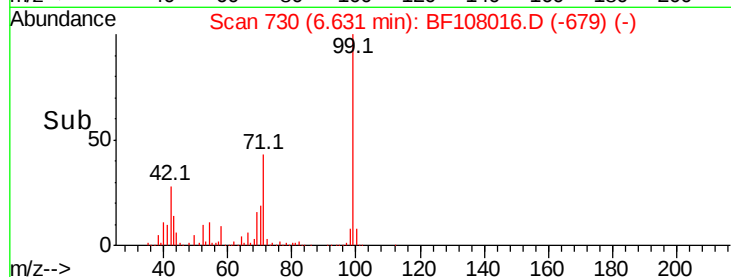
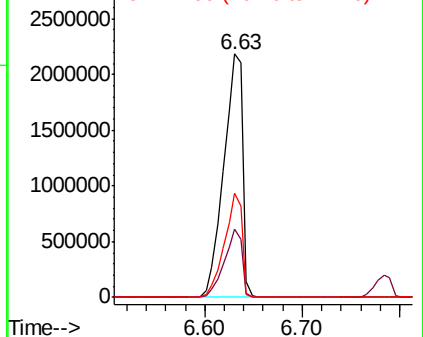
99 100

42 27.8 14.5 21.7#

71 42.7 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: BF108016.D

Acq: 8 Aug 2018 13:40

Tgt Ion: 136 Resp: 1143769

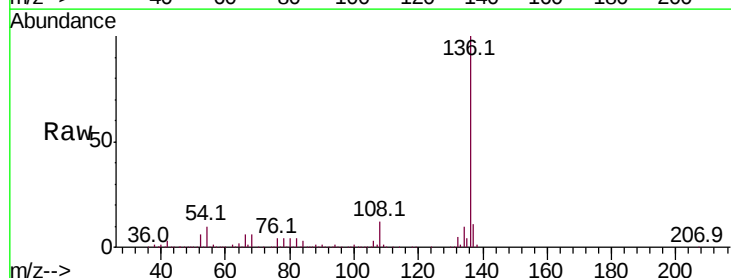
Ion Ratio Lower Upper

136 100

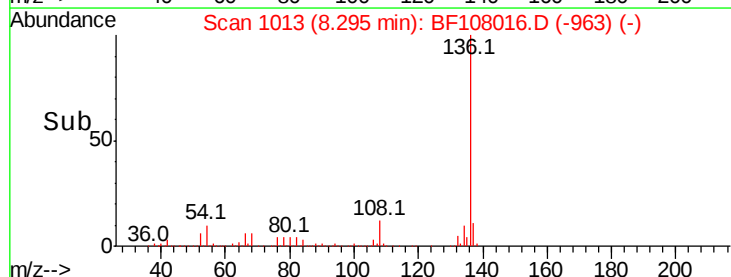
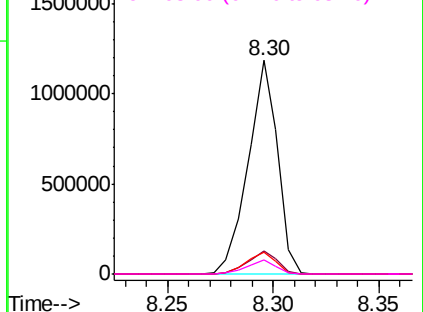
137 11.1 8.9 13.3

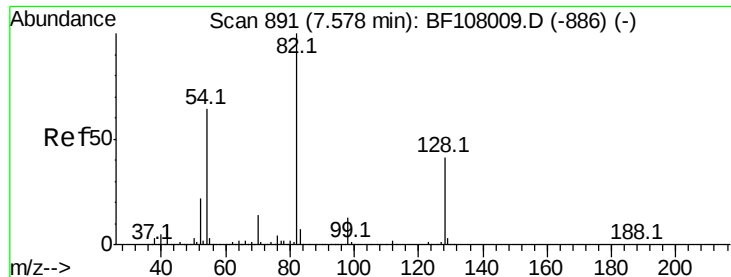
54 10.4 6.6 9.8#

68 6.5 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: 97.318 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF108016.D

Acq: 8 Aug 2018 13:40

Instrument :

BNA_F

ClientSampleId :

PB111180BL

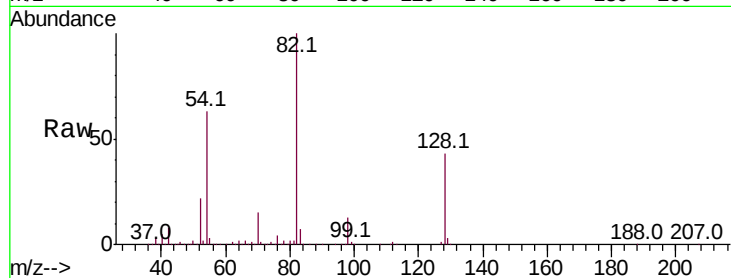
Tot Ion: 82 Resp: 1994730

Ion Ratio Lower Upper

82 100

128 42.8 36.1 54.1

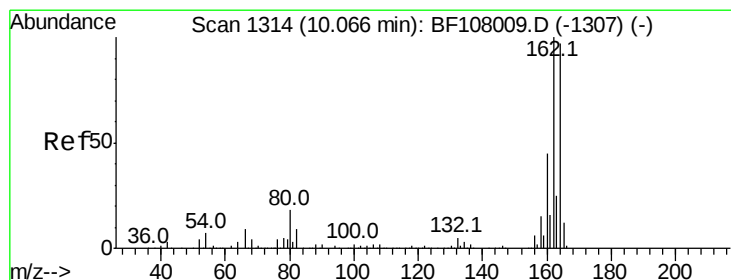
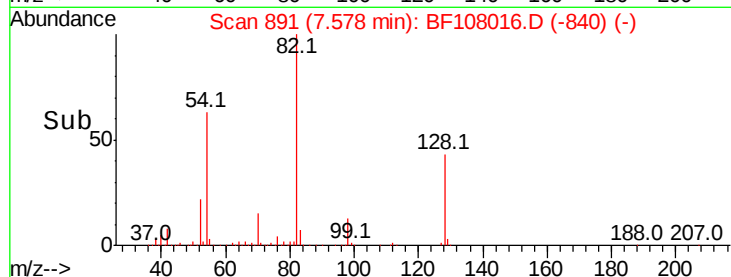
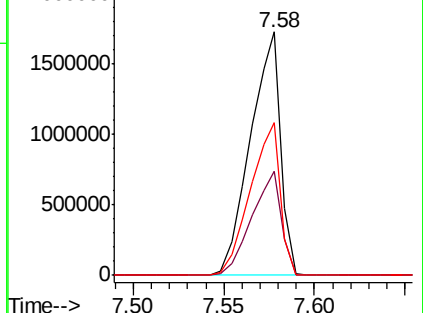
54 62.8 41.4 62.2#



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: 10.06 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF108016.D

Acq: 8 Aug 2018 13:40

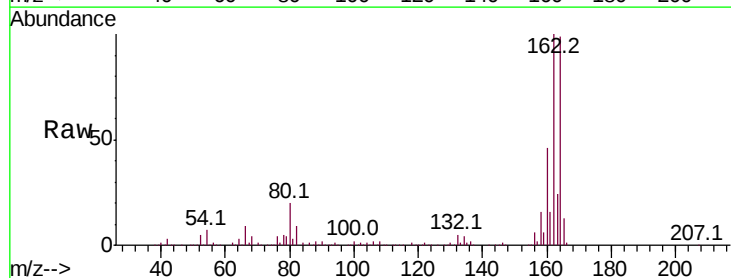
Tgt Ion:164 Resp: 626108

Ion Ratio Lower Upper

164 100

162 100.7 86.1 129.1

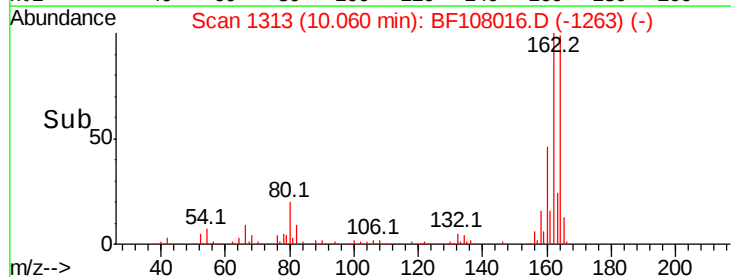
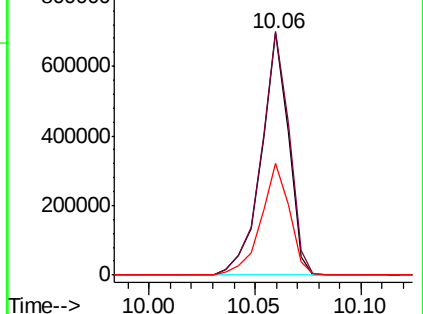
160 46.3 38.3 57.5

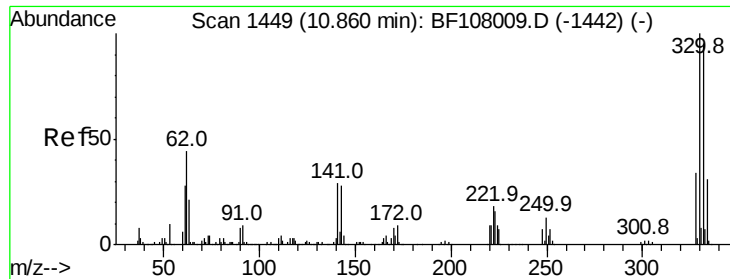


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

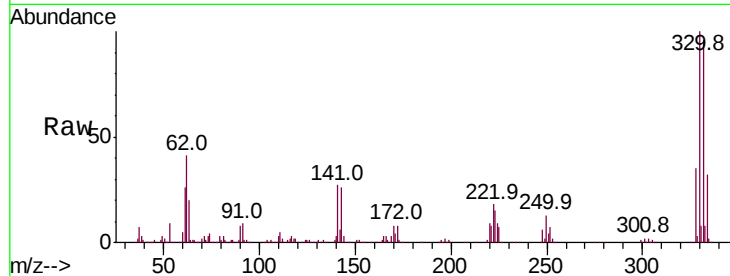




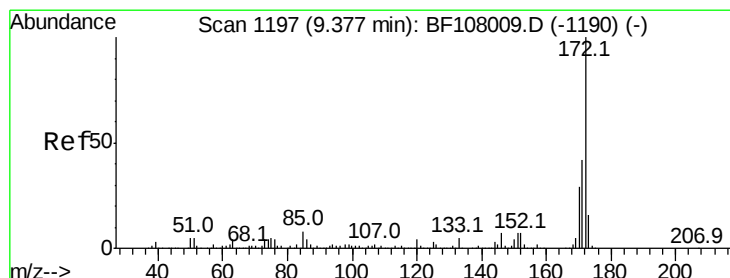
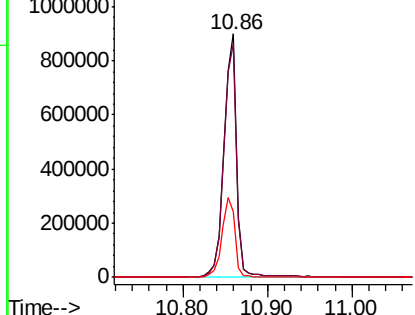
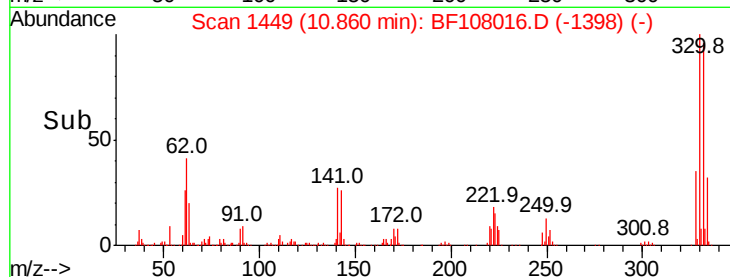
#41
 2,4,6-Tribromophenol
 Concen: 150.247 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108016.D
 Acq: 8 Aug 2018 13:40

Instrument :
 BNA_F
 ClientSampleId :
 PB111180BL

Tot Ion:330 Resp: 938335
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 34.9 29.9 44.9

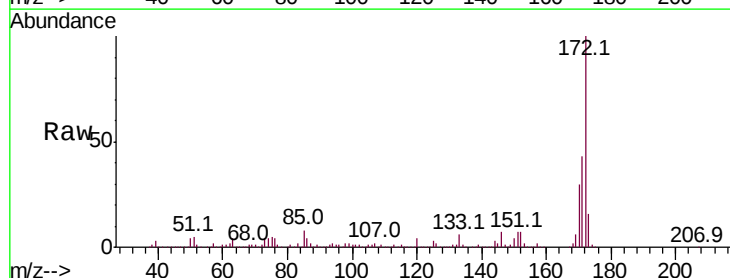


Abundance Ion 329.80 (329.50 to 330.50): E
 1200000 Ion 331.80 (331.50 to 332.50): E
 1000000 Ion 141.00 (140.70 to 141.70): E

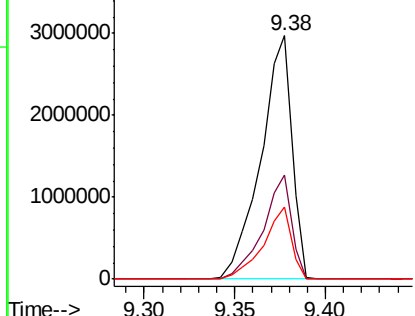
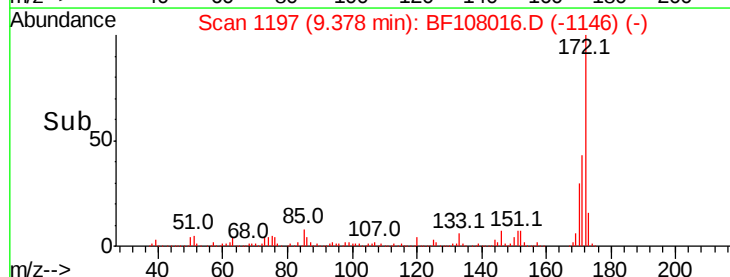


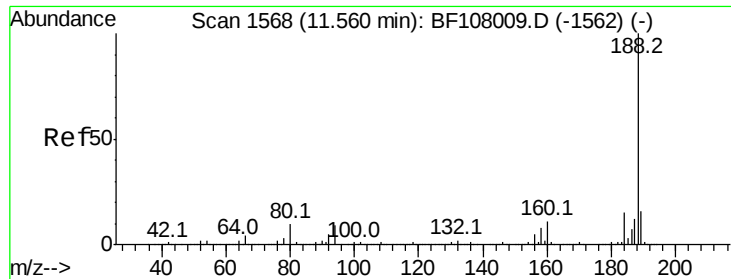
#44
 2-Fluorobiphenyl
 Concen: 91.220 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108016.D
 Acq: 8 Aug 2018 13:40

Tgt Ion:172 Resp: 3557424
 Ion Ratio Lower Upper
 172 100
 171 42.9 29.7 44.5
 170 29.7 19.6 29.4#



Abundance Ion 172.00 (171.70 to 172.70): E
 4000000 Ion 171.00 (170.70 to 171.70): E
 3000000 Ion 170.00 (169.70 to 170.70): E

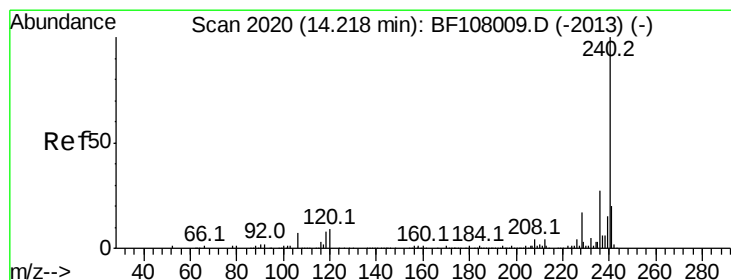
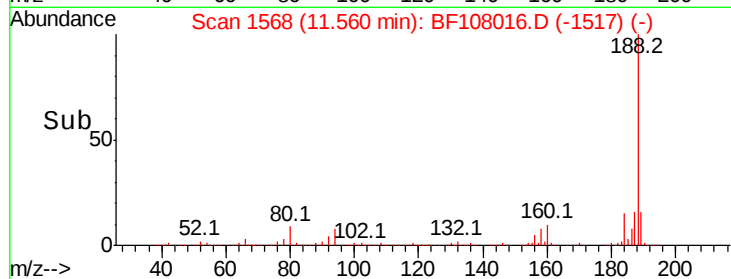
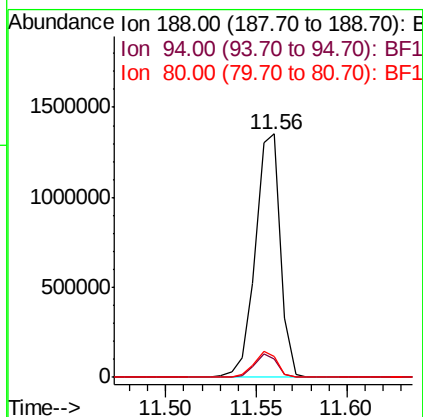
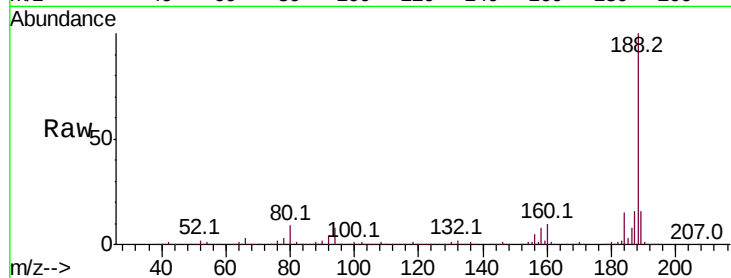




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108016.D
Acq: 8 Aug 2018 13:40

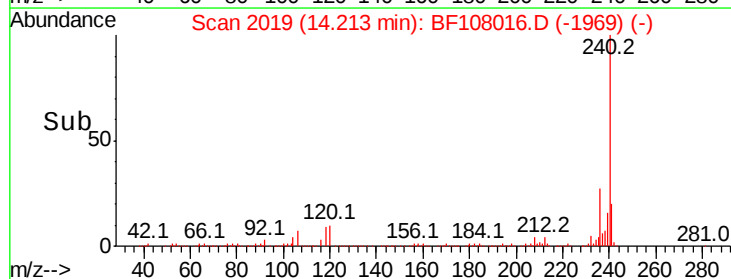
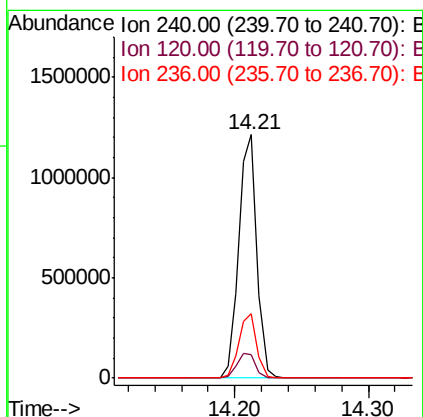
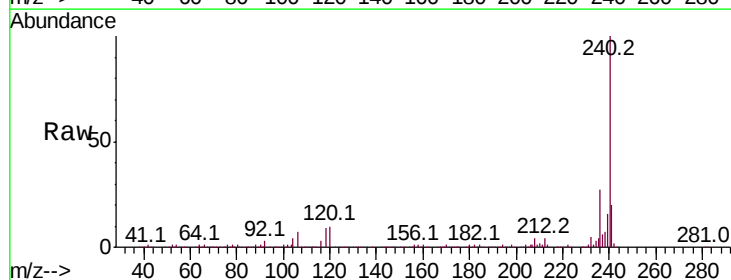
Instrument :
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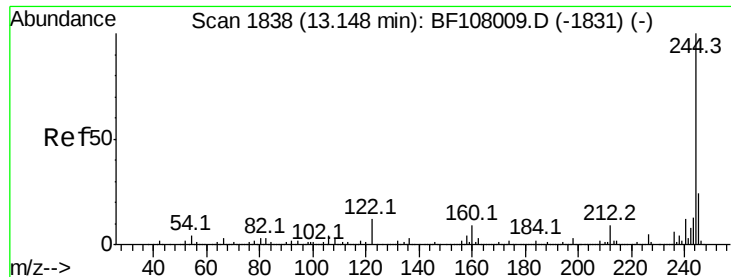
Tot Ion:188 Resp: 1297954
Ion Ratio Lower Upper
188 100
94 7.7 8.5 12.7#
80 8.8 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108016.D
Acq: 8 Aug 2018 13:40

Tgt Ion:240 Resp: 1149661
Ion Ratio Lower Upper
240 100
120 9.7 9.5 14.3
236 26.7 20.7 31.1





#78

Terphenyl-d14

Concen: 92.281 ng

RT: 13.15 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF108016.D

Acq: 8 Aug 2018 13:40

Instrument :

BNA_F

ClientSampleId :

PB111180BL

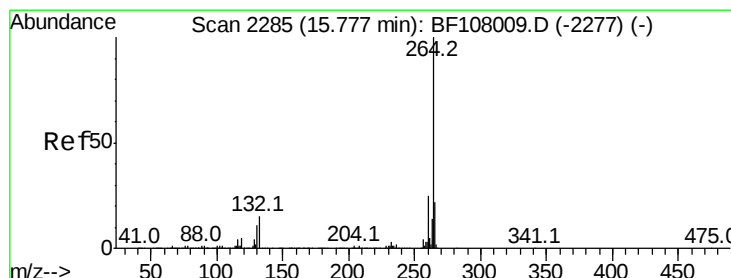
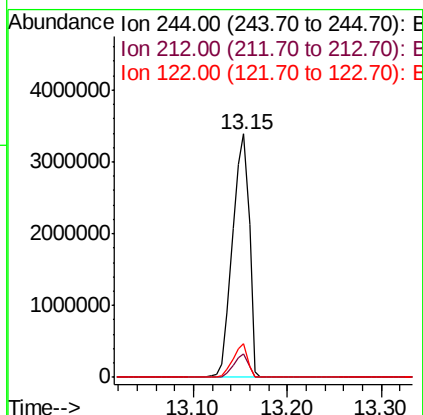
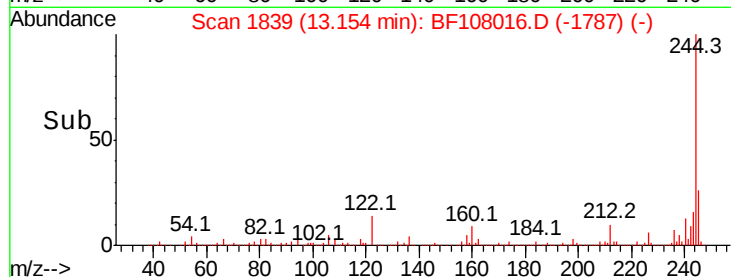
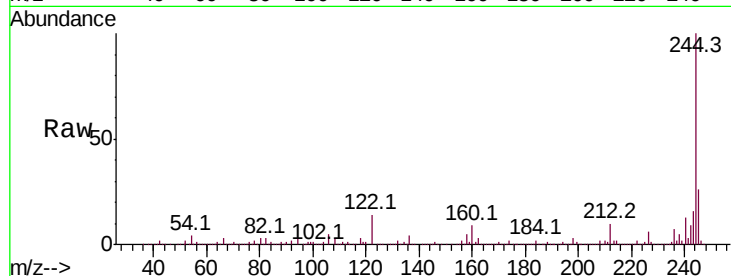
Tot Ion:244 Resp: 4172622

Ion Ratio Lower Upper

244 100

212 9.8 5.4 8.0#

122 13.8 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.77 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF108016.D

Acq: 8 Aug 2018 13:40

Tgt Ion:264 Resp: 991020

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.4 17.5 26.3

