

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
 Data File : BF108230.D
 Acq On : 17 Aug 2018 7:21
 Operator : JU/SJ
 Sample : J4504-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 081418-TIPC-F-U-S

Quant Time: Aug 17 07:49:28 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

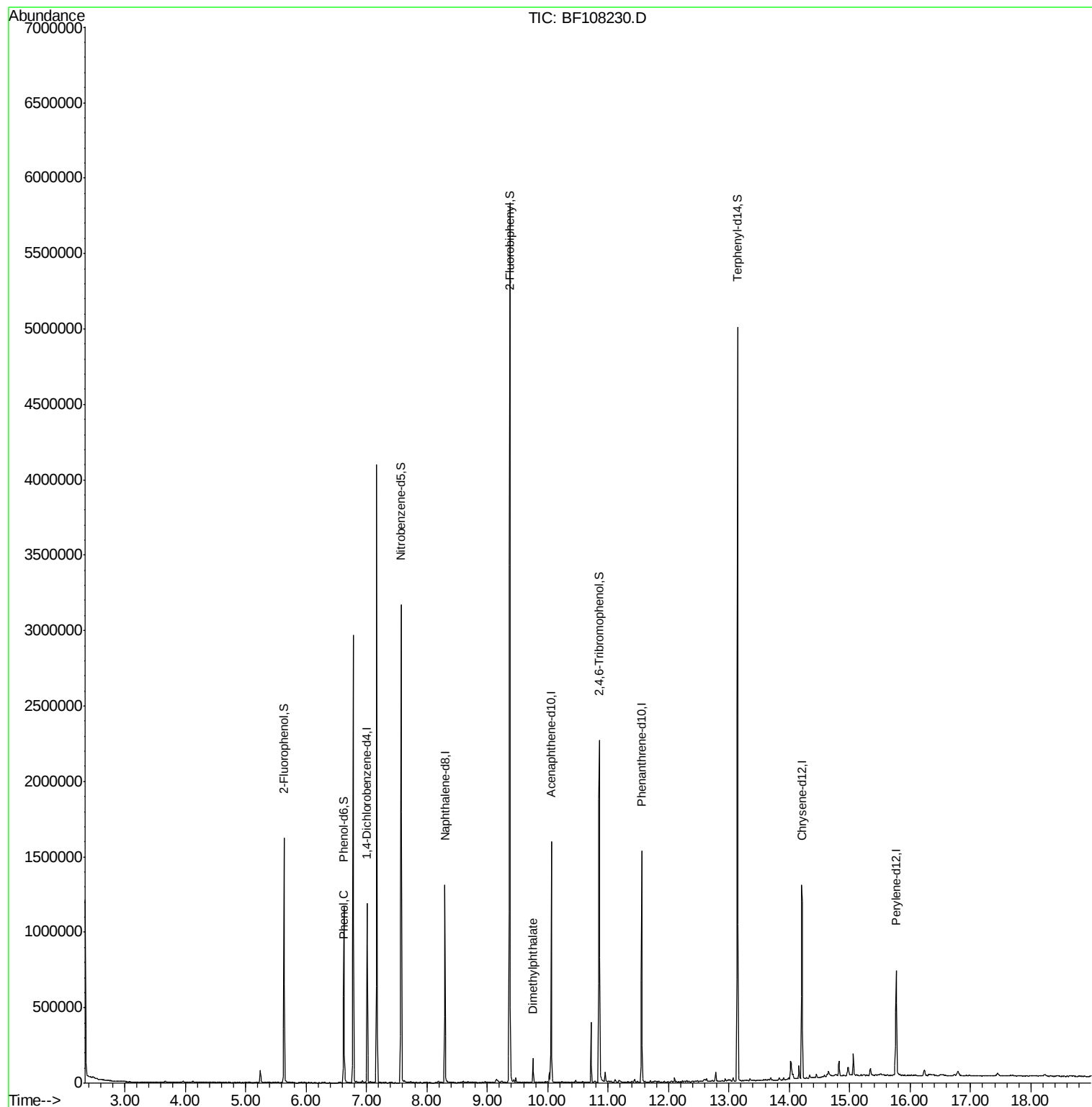
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	165496	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	594904	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	285963	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	539259	20.00	ng	0.00
75) Chrysene-d12	14.21	240	451511	20.00	ng	-0.01
86) Perylene-d12	15.77	264	350949	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	375578	41.09	ng	0.00
7) Phenol-d6	6.62	99	306986	25.27	ng	0.00
23) Nitrobenzene-d5	7.58	82	1021855	95.85	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	272439	95.51	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1854734	104.13	ng	0.00
78) Terphenyl-d14	13.15	244	1788224	100.70	ng	0.00
Target Compounds						
10) Phenol	6.64	94	26329	2.095	ng	93
49) Dimethylphthalate	9.76	163	56611	2.842	ng	99

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

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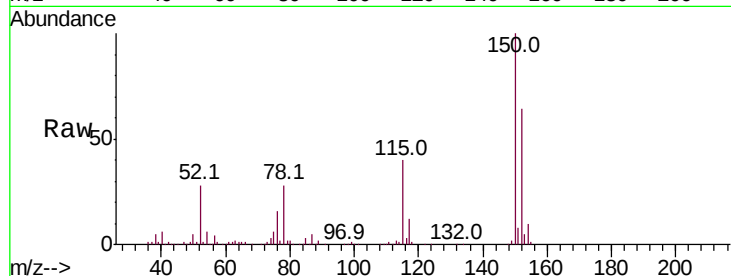


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF108230.D
Acq: 17 Aug 2018 7:21

Instrument :
BNA_F
ClientSampleId :
081418-TIPC-F-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	61.6	50.1	75.1

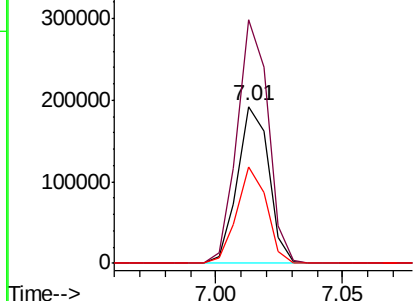
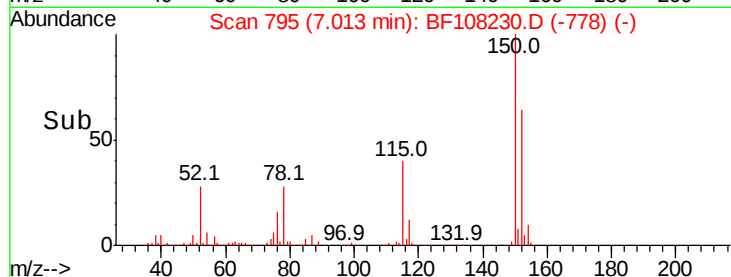


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

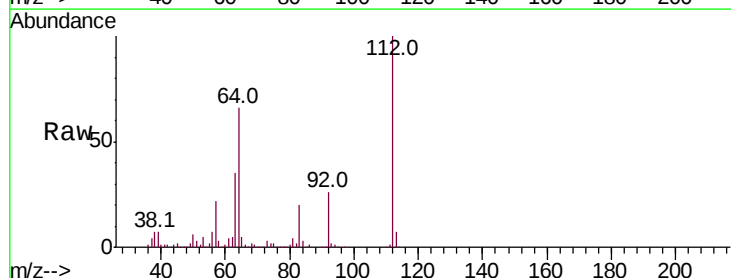
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.087 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108230.D
Acq: 17 Aug 2018 7:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	47.9	71.9
63	35.2	23.7	35.5

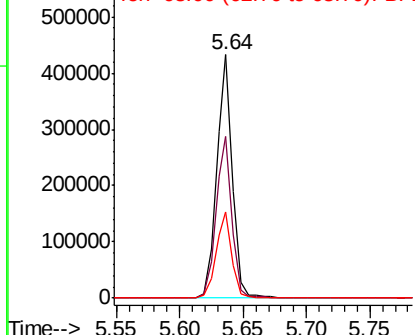
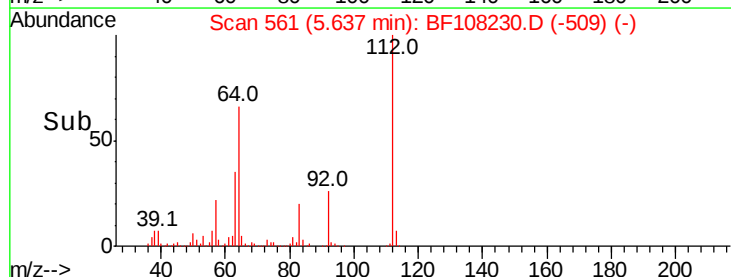


Abundance

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: 25.272 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108230.D

Acq: 17 Aug 2018 7:21

Instrument :

BNA_F

ClientSampleId :

081418-TIPC-F-U-S

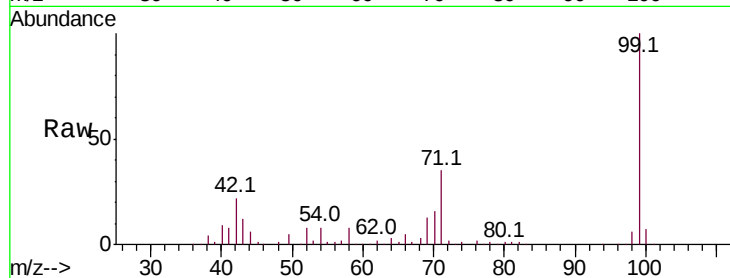
Tot Ion: 99 Resp: 306986

Ion Ratio Lower Upper

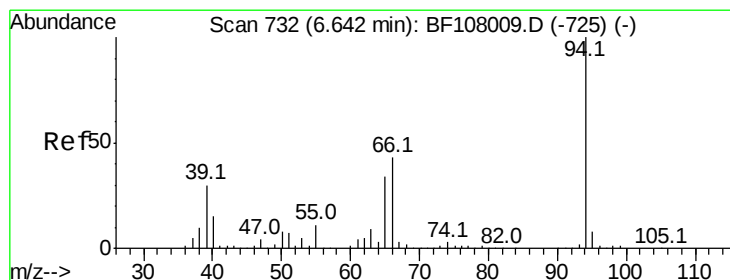
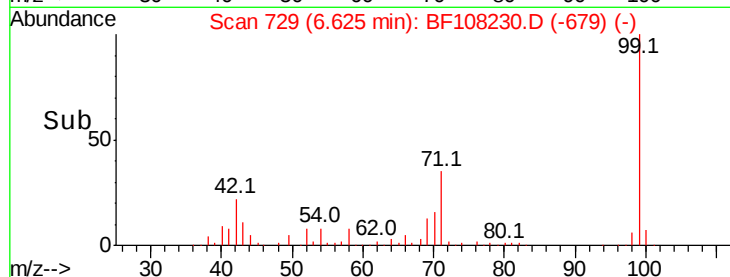
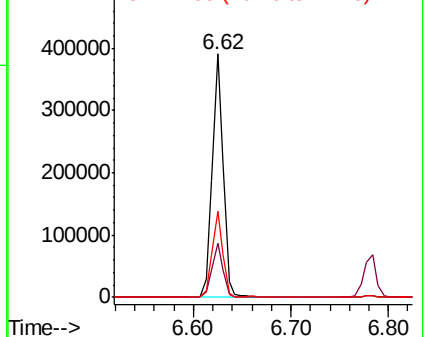
99 100

42 22.4 14.5 21.7#

71 35.5 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



#10

Phenol

Concen: 2.095 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108230.D

Acq: 17 Aug 2018 7:21

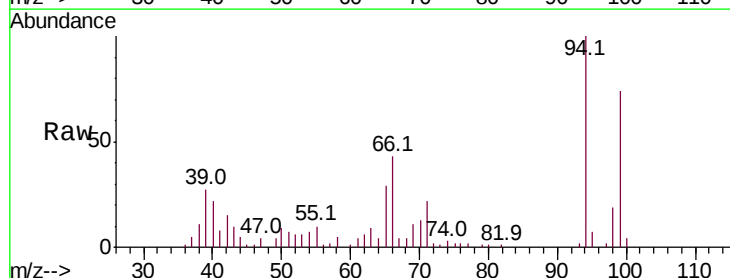
Tgt Ion: 94 Resp: 26329

Ion Ratio Lower Upper

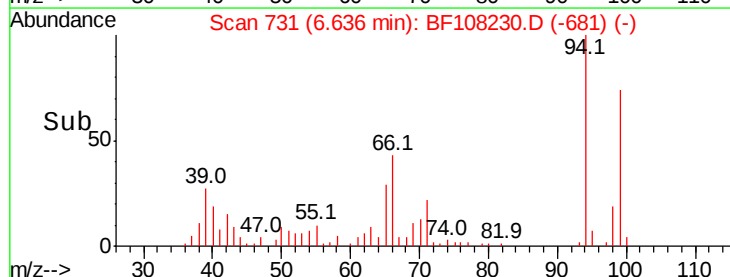
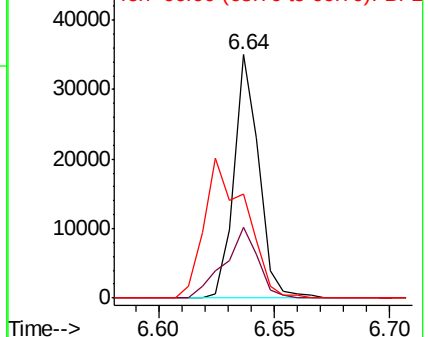
94 100

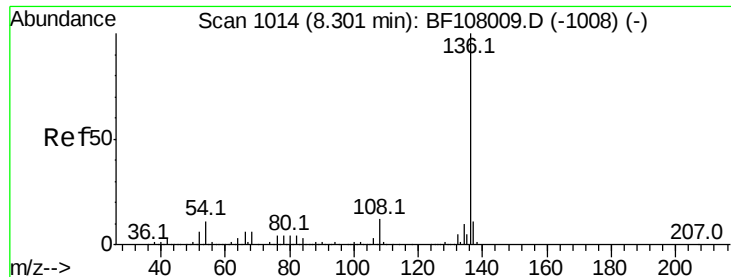
65 29.3 7.9 47.9

66 42.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF108230.D

Acq: 17 Aug 2018 7:21

Instrument :

BNA_F

ClientSampleId :

081418-TIPC-F-U-S

Tot Ion:136 Resp: 594904

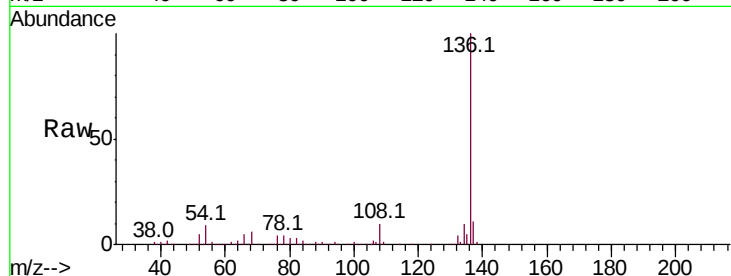
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.3 6.6 9.8

68 5.9 5.0 7.4

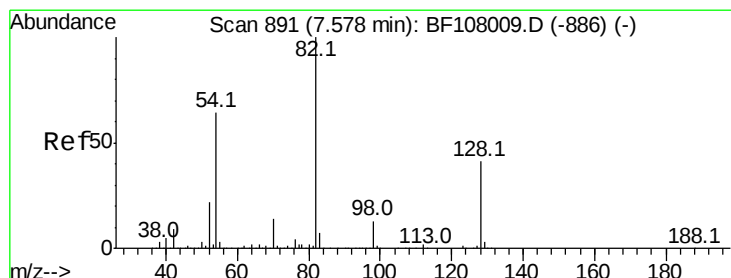
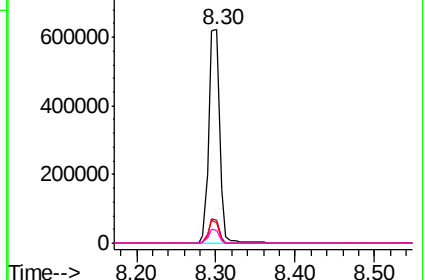
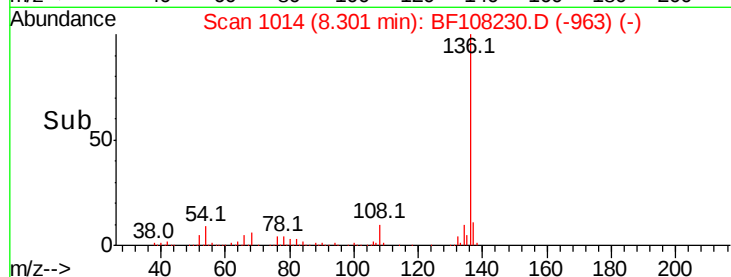


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.849 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF108230.D

Acq: 17 Aug 2018 7:21

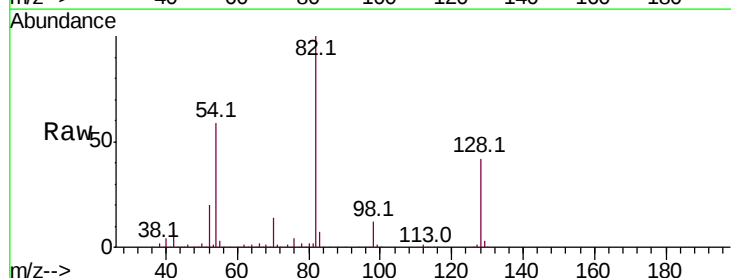
Tgt Ion: 82 Resp: 1021855

Ion Ratio Lower Upper

82 100

128 41.8 36.1 54.1

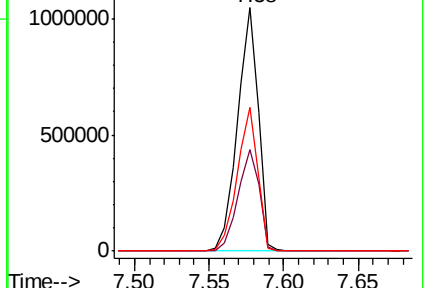
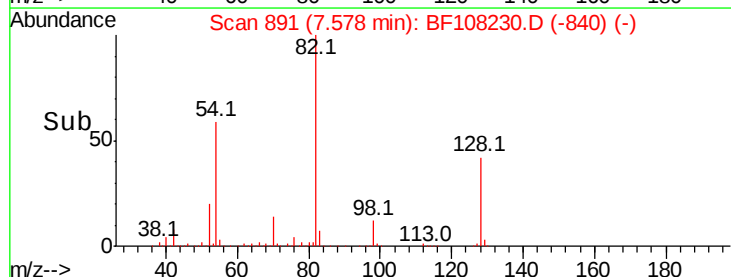
54 59.1 41.4 62.2

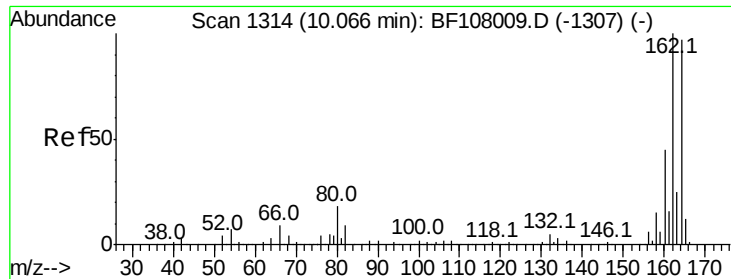


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

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: BF108230.D

Acq: 17 Aug 2018 7:21

Instrument :

BNA_F

ClientSampleId :

081418-TIPC-F-U-S

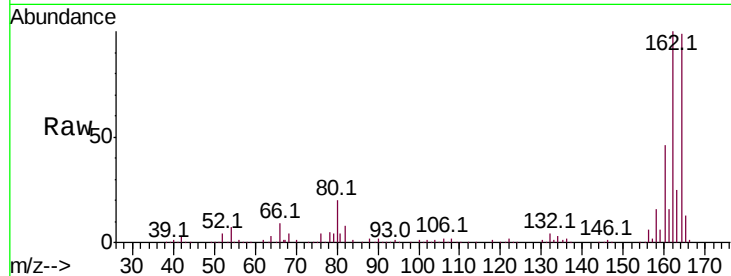
Tot Ion:164 Resp: 285963

Ion Ratio Lower Upper

164 100

162 100.6 86.1 129.1

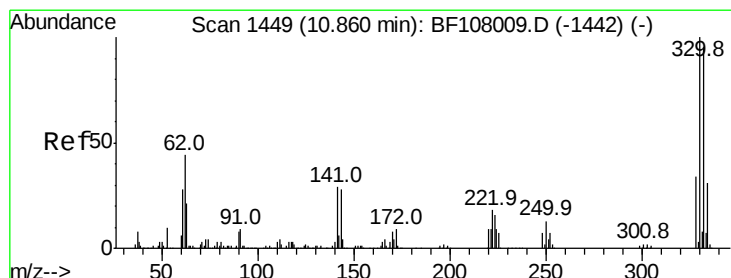
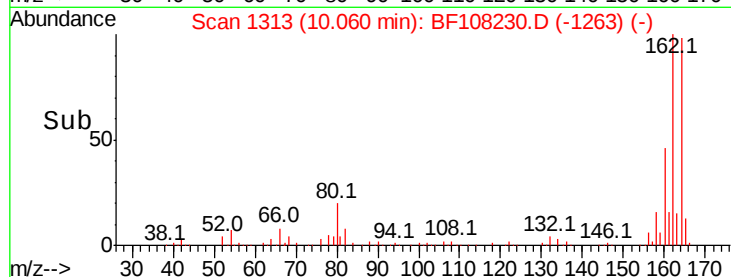
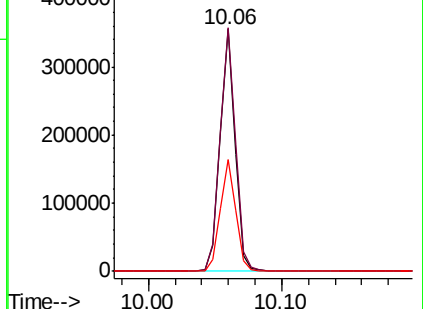
160 46.5 38.3 57.5



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: 95.512 ng

RT: 10.85 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF108230.D

Acq: 17 Aug 2018 7:21

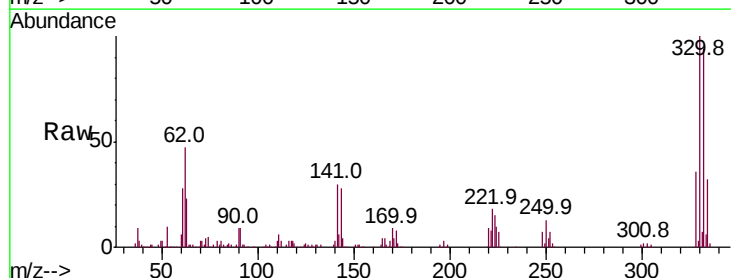
Tgt Ion:330 Resp: 272439

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

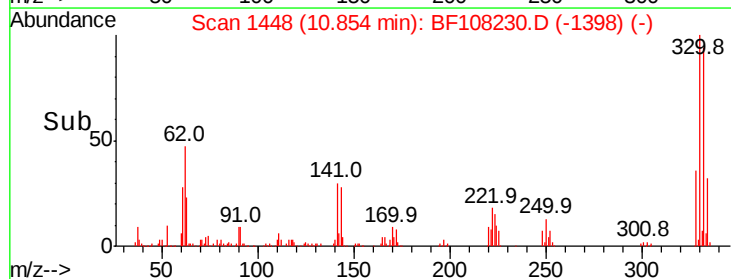
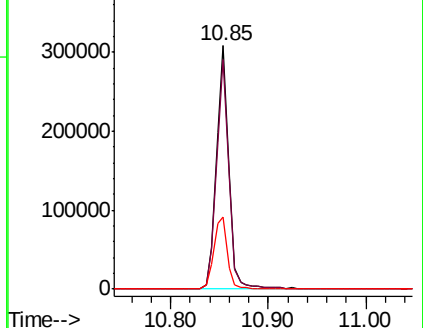
141 33.0 29.9 44.9

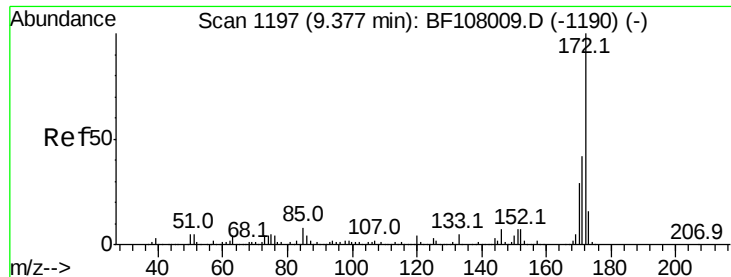


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 104.129 ng

RT: 9.37 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF108230.D

Acq: 17 Aug 2018 7:21

Instrument :

BNA_F

ClientSampleId :

081418-TIPC-F-U-S

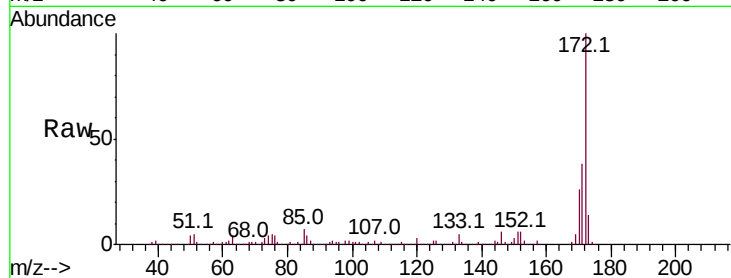
Tot Ion:172 Resp: 1854734

Ion Ratio Lower Upper

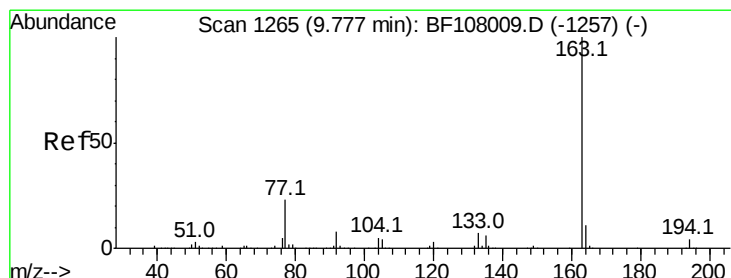
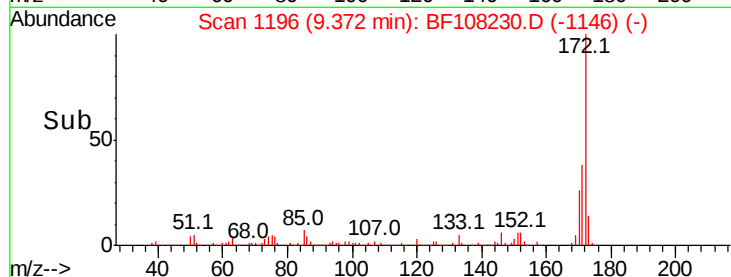
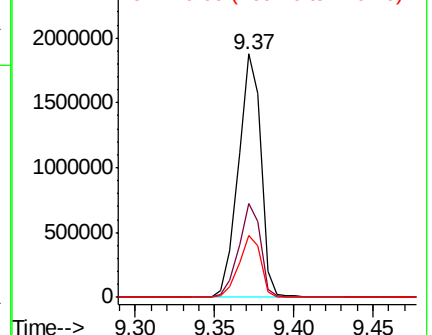
172 100

171 38.3 29.7 44.5

170 25.5 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



#49

Dimethylphthalate

Concen: 2.842 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF108230.D

Acq: 17 Aug 2018 7:21

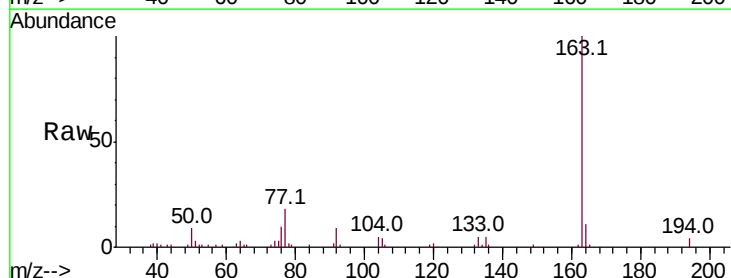
Tgt Ion:163 Resp: 56611

Ion Ratio Lower Upper

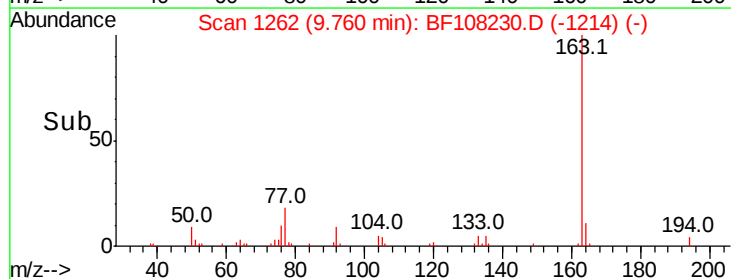
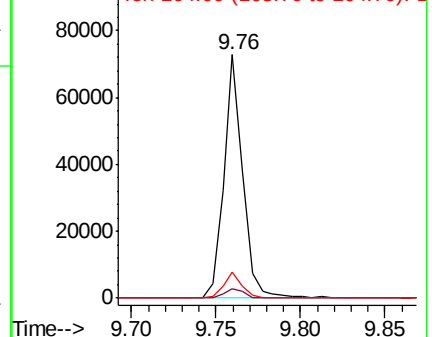
163 100

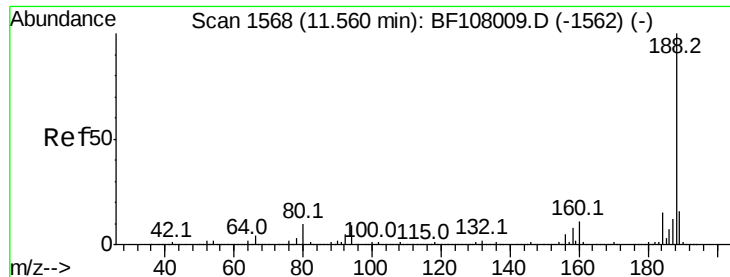
194 4.0 2.7 4.1

164 10.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

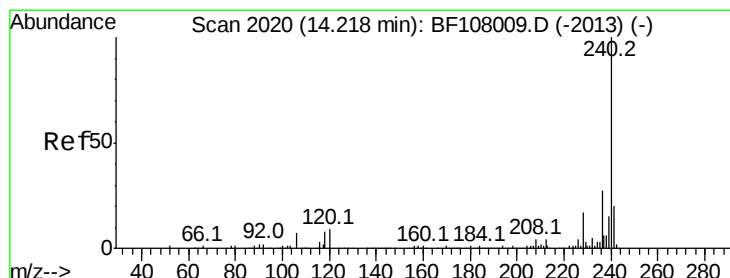
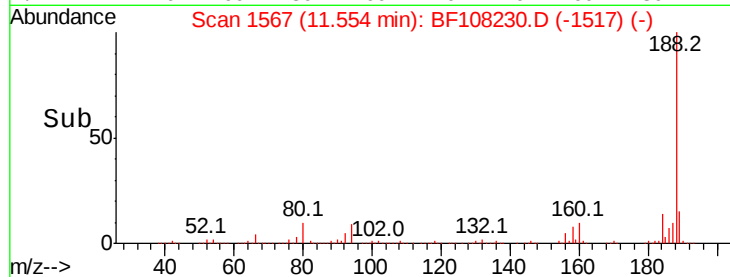
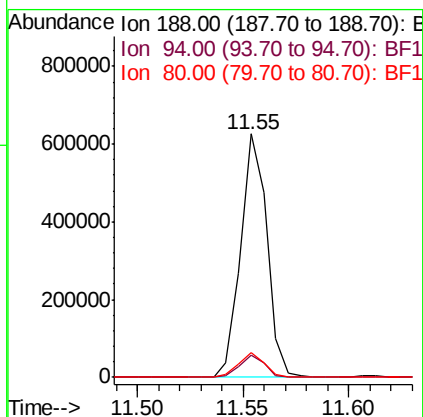
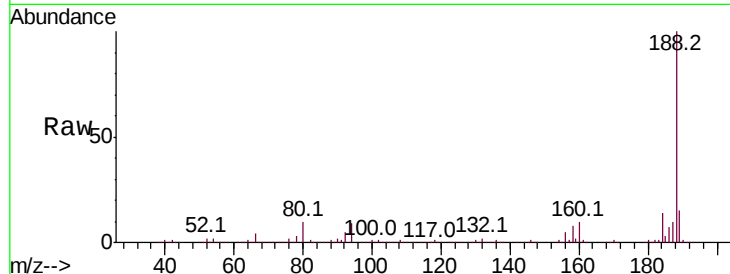




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108230.D
Acq: 17 Aug 2018 7:21

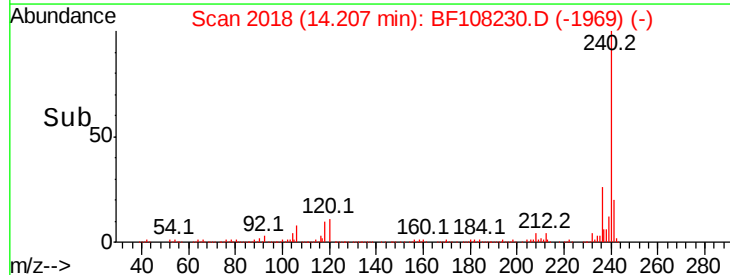
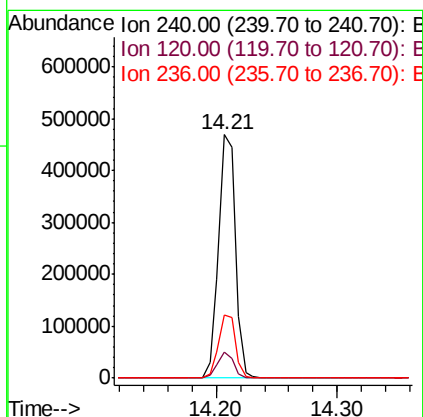
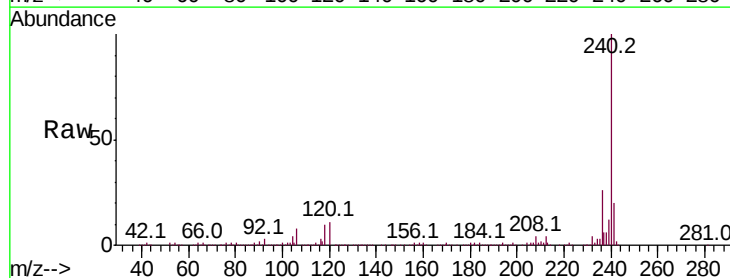
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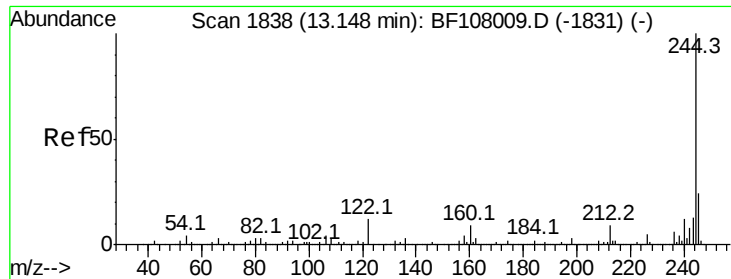
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.3	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF108230.D
Acq: 17 Aug 2018 7:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	26.0	20.7	31.1

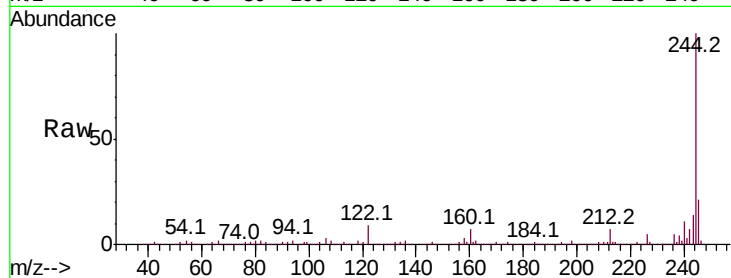




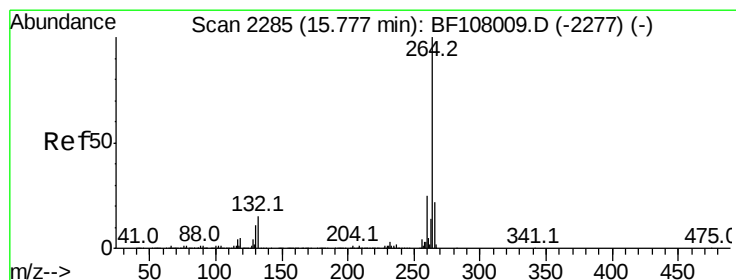
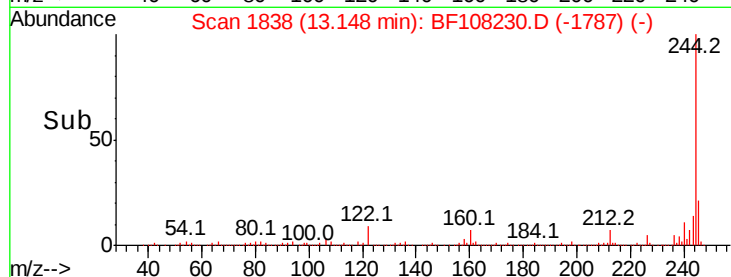
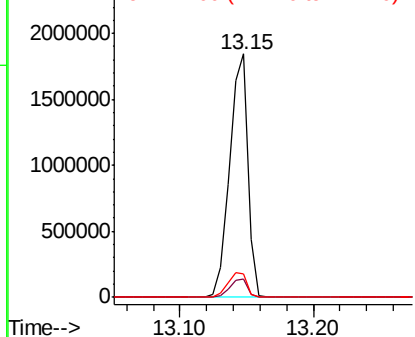
#78
 Terphenyl-d14
 Concen: 100.699 ng
 RT: 13.15 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF108230.D
 Acq: 17 Aug 2018 7:21

Instrument :
 BNA_F
 ClientSampleId :
 081418-TIPC-F-U-S

Tot Ion:244 Resp: 1788224
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 9.4 11.0 16.4#

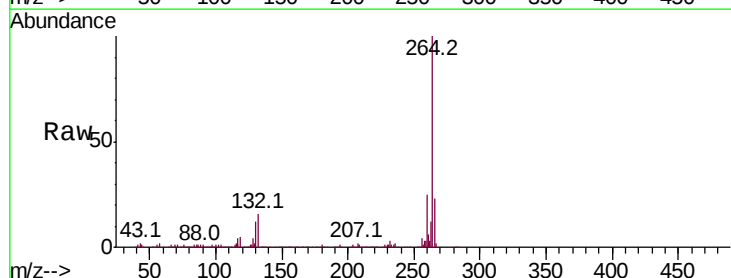


Abundance Ion 244.00 (243.70 to 244.70): E
 2500000 Ion 212.00 (211.70 to 212.70): E
 2000000 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.77 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF108230.D
 Acq: 17 Aug 2018 7:21

Tgt Ion:264 Resp: 350949
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.2 28.8
 265 22.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 300000 Ion 260.00 (259.70 to 260.70): E
 200000 Ion 265.00 (264.70 to 265.70): E

