

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
 Data File : BF108227.D
 Acq On : 17 Aug 2018 5:59
 Operator : JU/SJ
 Sample : J4504-05
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 081418-TIPC-F-D-B

Quant Time: Aug 17 07:40:12 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	167720	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	605473	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	278656	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	490894	20.00	ng	0.00
75) Chrysene-d12	14.21	240	449256	20.00	ng	-0.01
86) Perylene-d12	15.77	264	331439	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	408203	44.06	ng	0.00
7) Phenol-d6	6.62	99	330877	26.88	ng	0.00
23) Nitrobenzene-d5	7.58	82	1116149	102.87	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	257230	92.54	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1963730	113.14	ng	0.00
78) Terphenyl-d14	13.14	244	1702465	96.35	ng	0.00

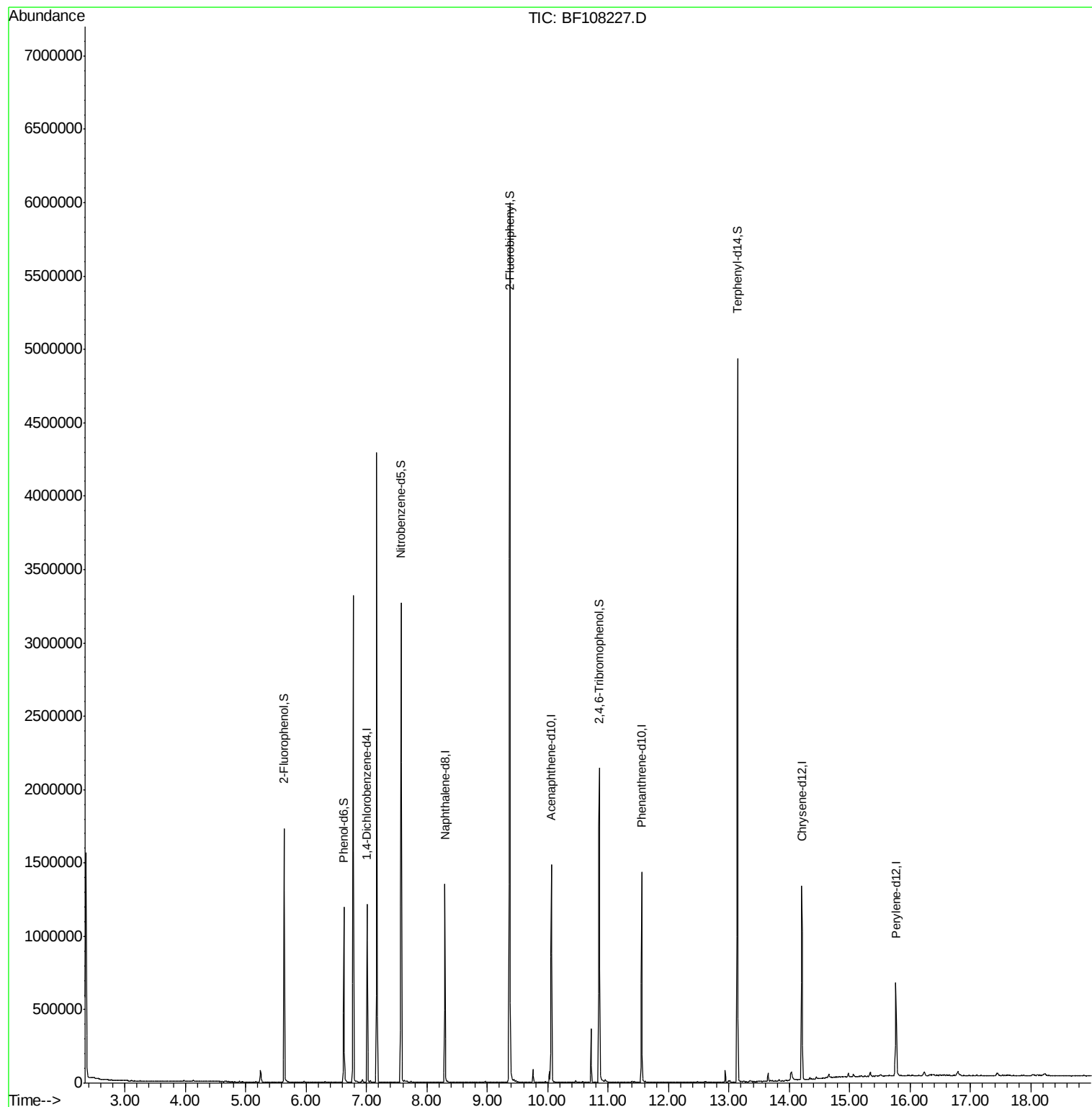
Target Compounds Qvalue

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

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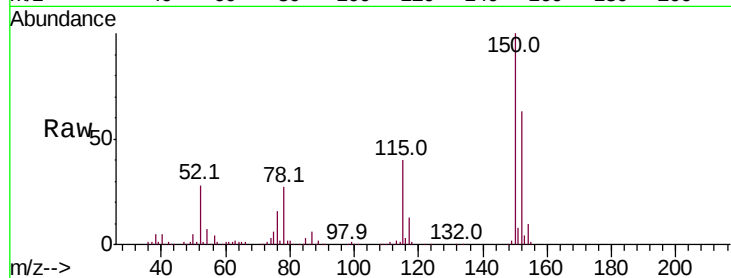


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF108227.D
Acq: 17 Aug 2018 5:59

Instrument :
BNA_F
ClientSampleId :
081418-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	62.6	50.1	75.1

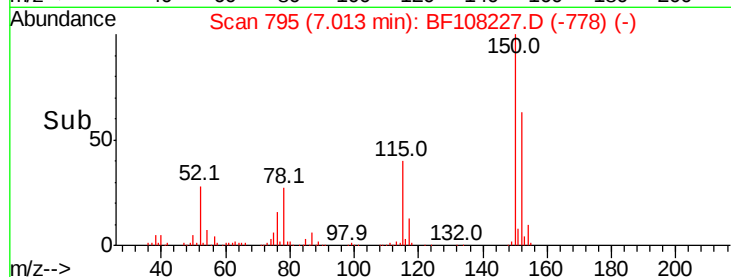
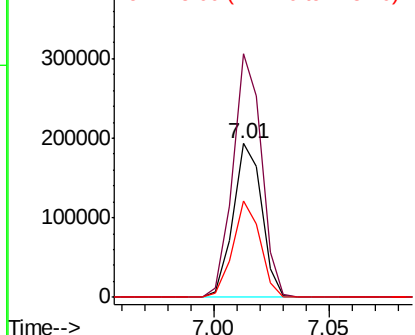


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

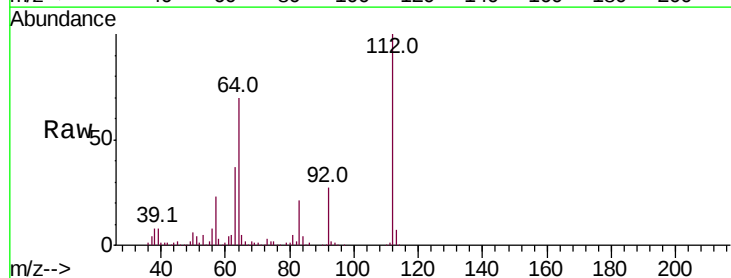
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 44.064 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108227.D
Acq: 17 Aug 2018 5:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	47.9	71.9
63	36.8	23.7	35.5#

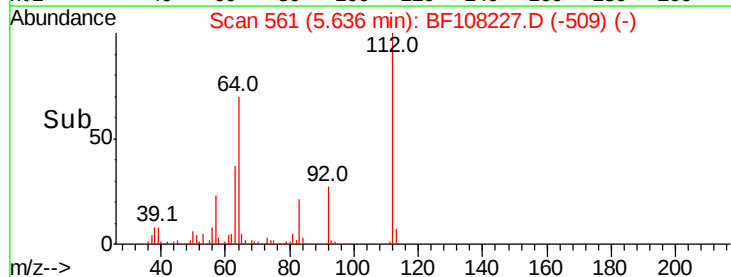
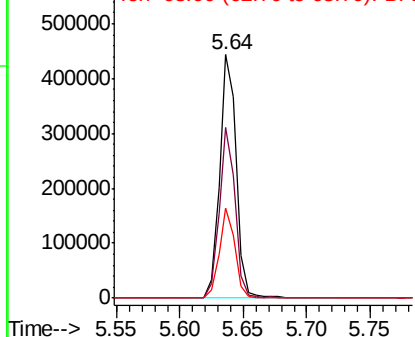


Abundance

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: 26.877 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108227.D

Acq: 17 Aug 2018 5:59

Instrument :

BNA_F

ClientSampleId :

081418-TIPC-F-D-B

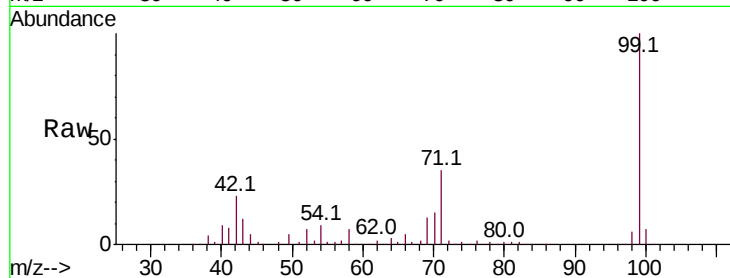
Tot Ion: 99 Resp: 330877

Ion Ratio Lower Upper

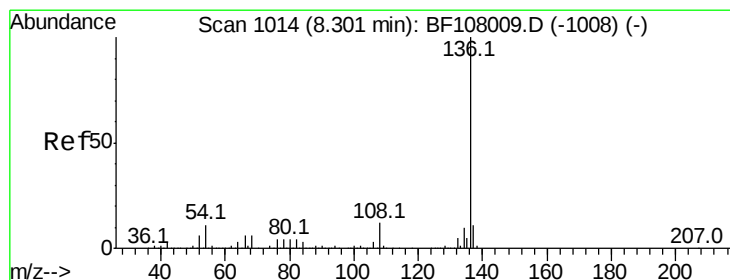
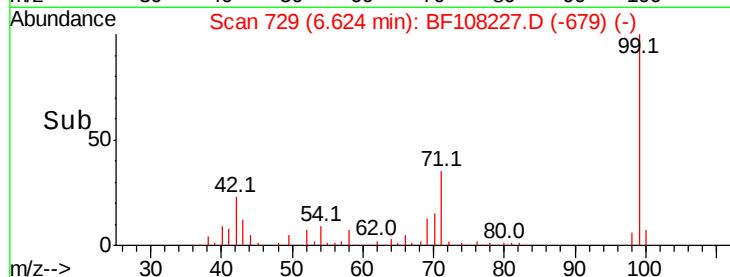
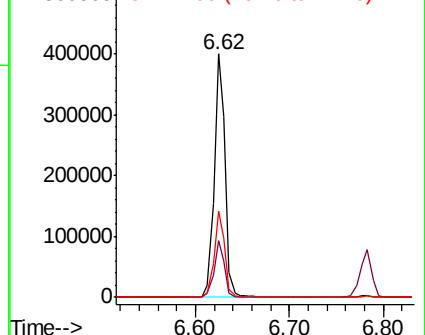
99 100

42 23.1 14.5 21.7#

71 35.4 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: 8.29 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF108227.D

Acq: 17 Aug 2018 5:59

Tgt Ion: 136 Resp: 605473

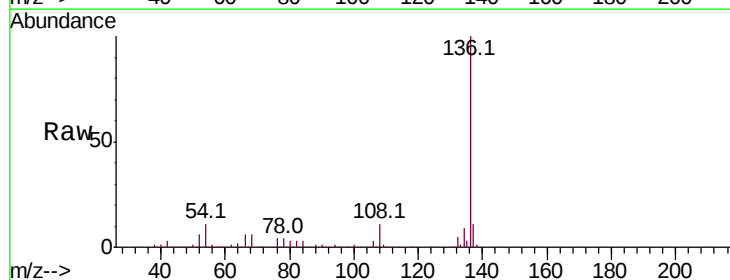
Ion Ratio Lower Upper

136 100

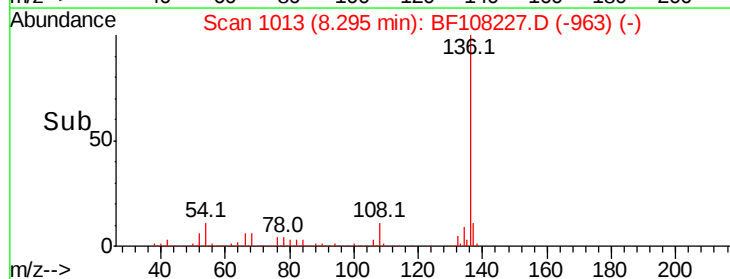
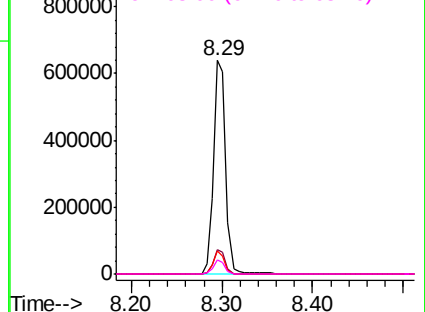
137 11.4 8.9 13.3

54 10.5 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

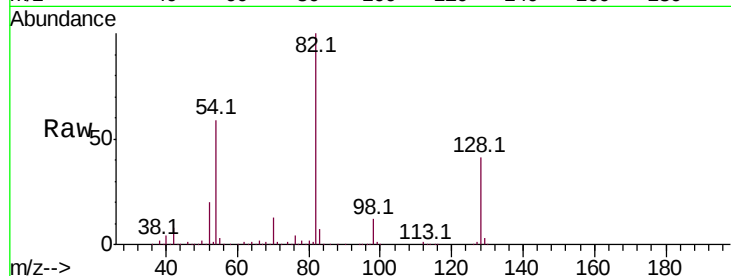




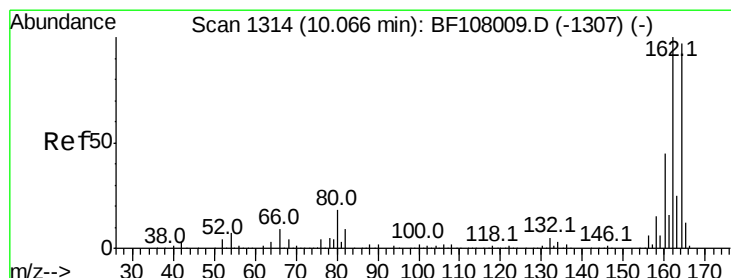
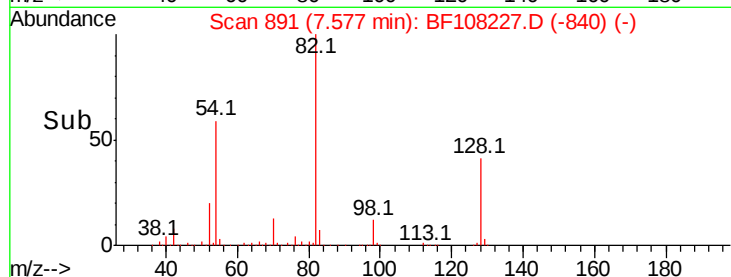
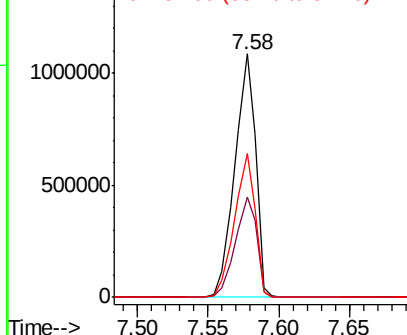
#23
 Nitrobenzene-d5
 Concen: 102.866 ng
 RT: 7.58 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF108227.D
 Acq: 17 Aug 2018 5:59

Instrument :
 BNA_F
 ClientSampleId :
 081418-TIPC-F-D-B

Tot Ion: 82 Resp: 1116149
 Ion Ratio Lower Upper
 82 100
 128 41.0 36.1 54.1
 54 59.2 41.4 62.2

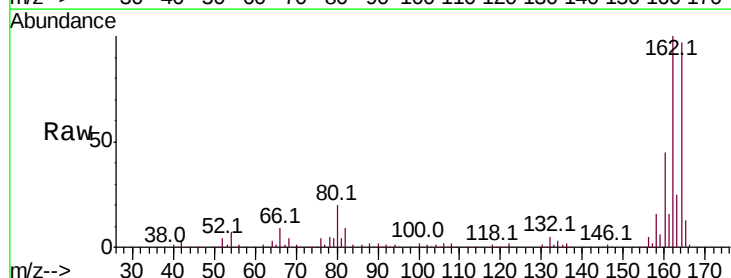


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

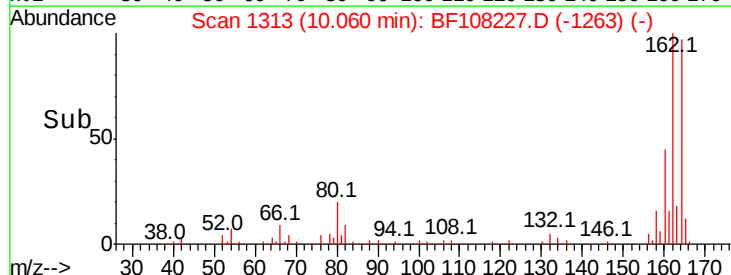
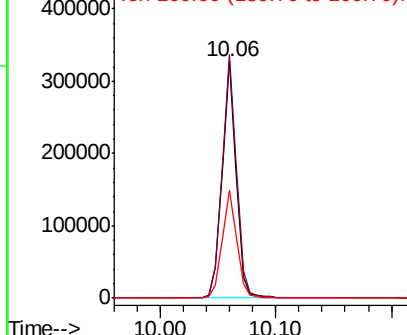


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108227.D
 Acq: 17 Aug 2018 5:59

Tgt Ion:164 Resp: 278656
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 45.8 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

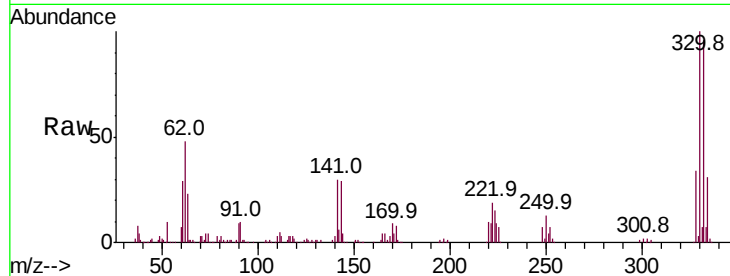




#41
 2,4,6-Tribromophenol
 Concen: 92.545 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108227.D
 Acq: 17 Aug 2018 5:59

Instrument :
 BNA_F
 ClientSampleId :
 081418-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	33.5	29.9	44.9

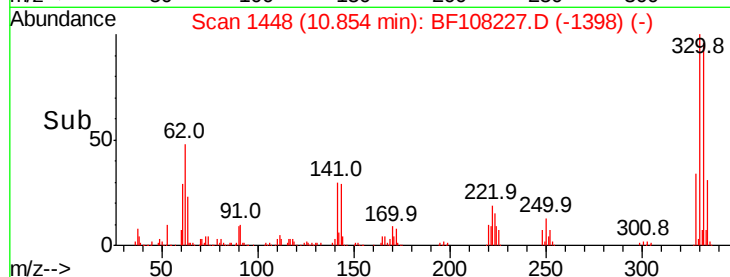
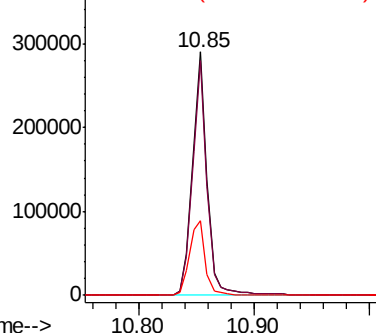


Abundance

Ion 329.80 (329.50 to 330.50): E

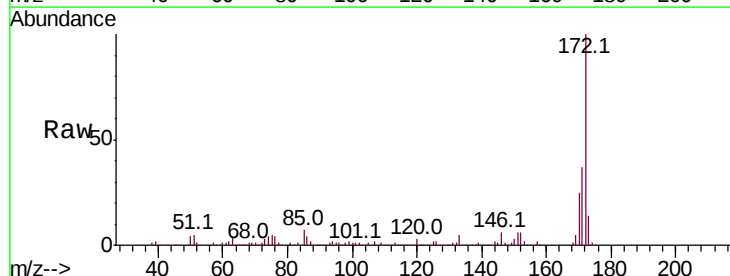
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 113.140 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108227.D
 Acq: 17 Aug 2018 5:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	25.5	19.6	29.4

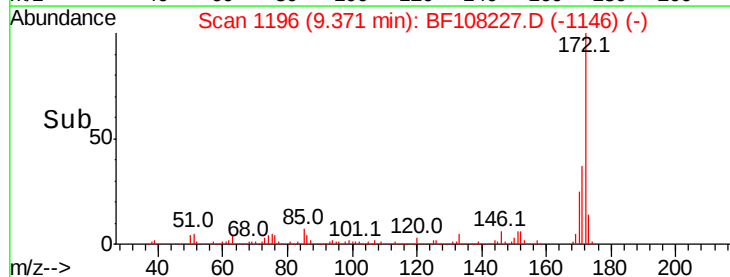
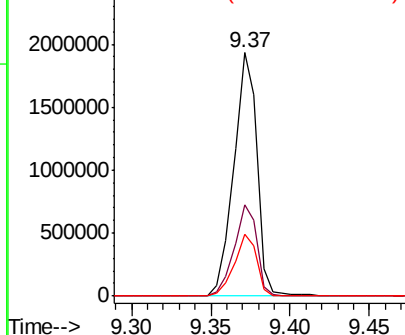


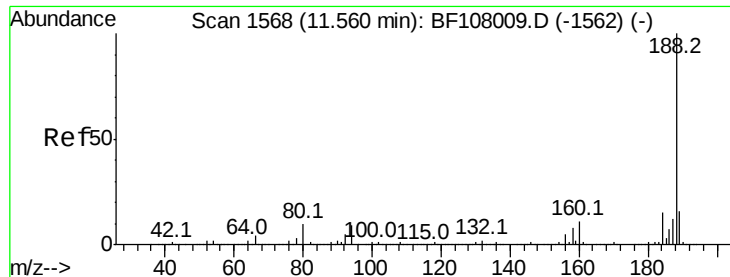
Abundance

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

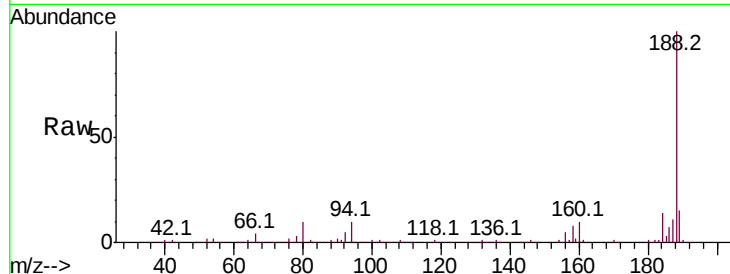




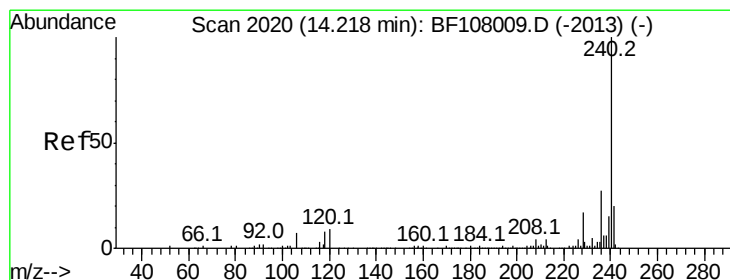
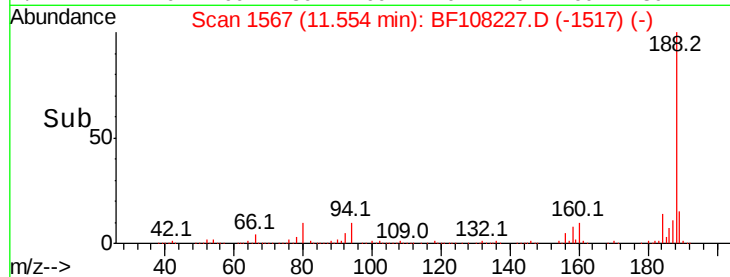
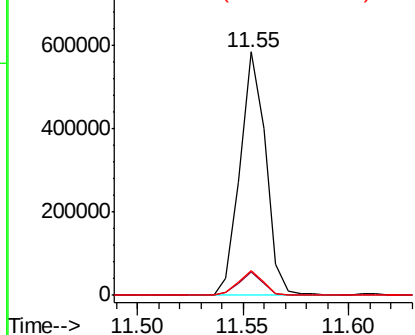
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108227.D
Acq: 17 Aug 2018 5:59

Instrument :
BNA_F
ClientSampleId :
081418-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.2	9.2	13.8

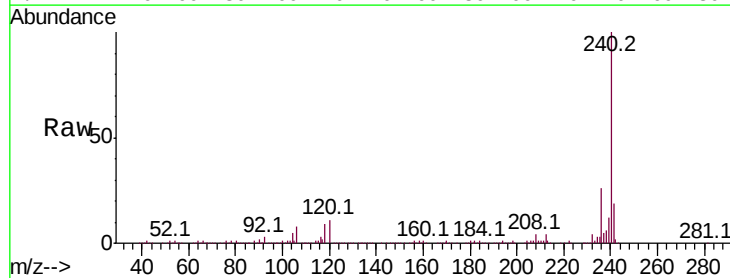


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

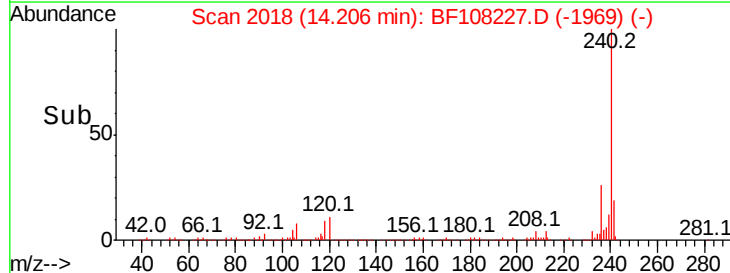
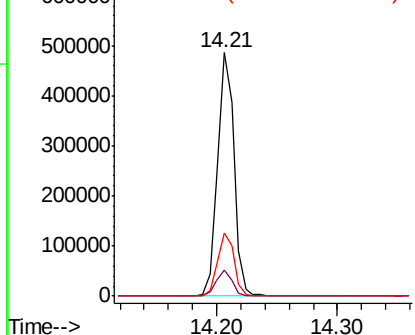


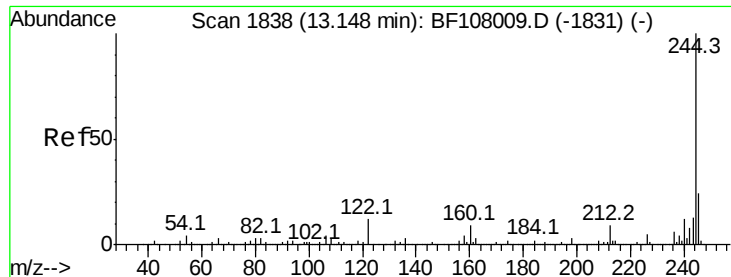
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF108227.D
Acq: 17 Aug 2018 5:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	26.0	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: 96.351 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108227.D

Acq: 17 Aug 2018 5:59

Instrument :

BNA_F

ClientSampleId :

081418-TIPC-F-D-B

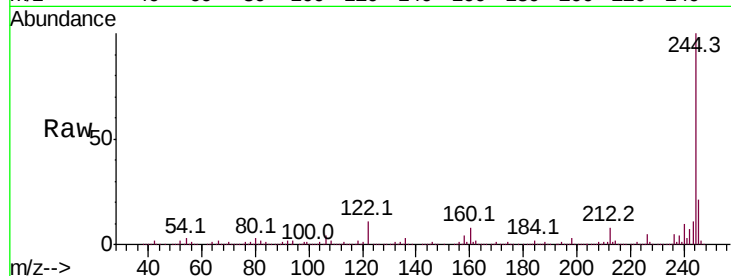
Tot Ion:244 Resp: 1702465

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.0

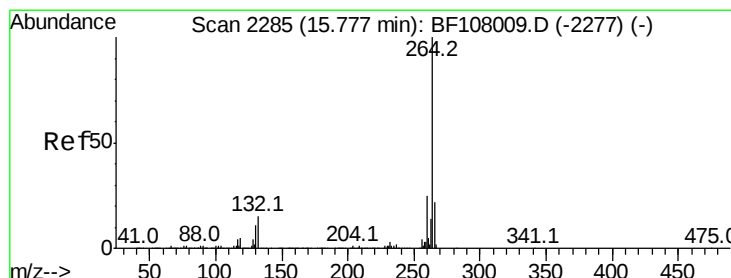
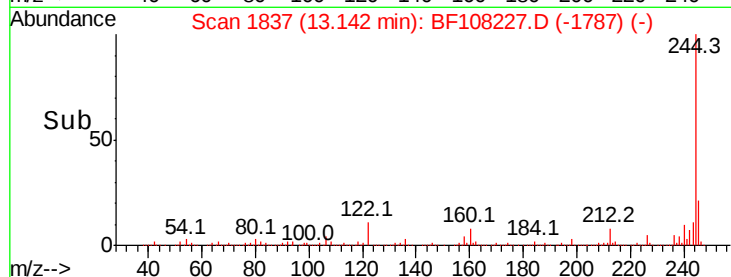
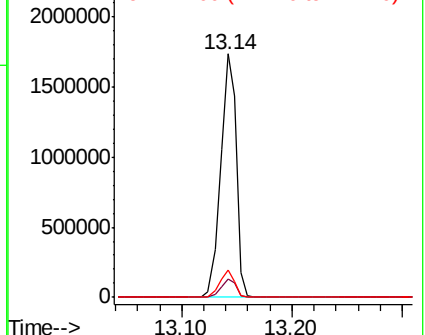
122 11.4 11.0 16.4



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# 2283

Delta R.T. -0.01 min

Lab File: BF108227.D

Acq: 17 Aug 2018 5:59

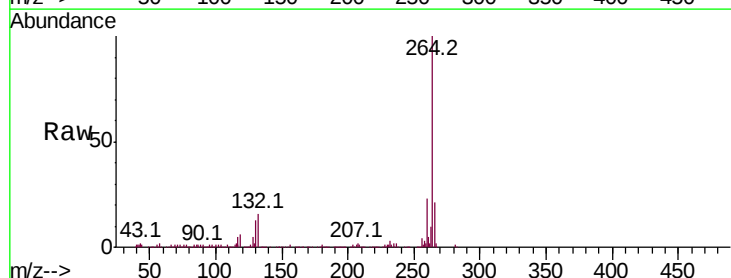
Tgt Ion:264 Resp: 331439

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.4 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

