

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
 Data File : BF108047.D
 Acq On : 9 Aug 2018 12:45
 Operator : JU/SJ
 Sample : J4275-05 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-080718-C

Quant Time: Aug 09 17:35:38 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	304791	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1180270	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	609821	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	1099163	20.00	ng	0.00
75) Chrysene-d12	14.21	240	842617	20.00	ng	0.00
86) Perylene-d12	15.77	264	701013	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	488071	28.99	ng	0.00
7) Phenol-d6	6.62	99	695222	31.08	ng	-0.01
23) Nitrobenzene-d5	7.57	82	437811	20.70	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	175671	28.88	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	903369	23.78	ng	0.00
78) Terphenyl-d14	13.14	244	907573	27.39	ng	0.00

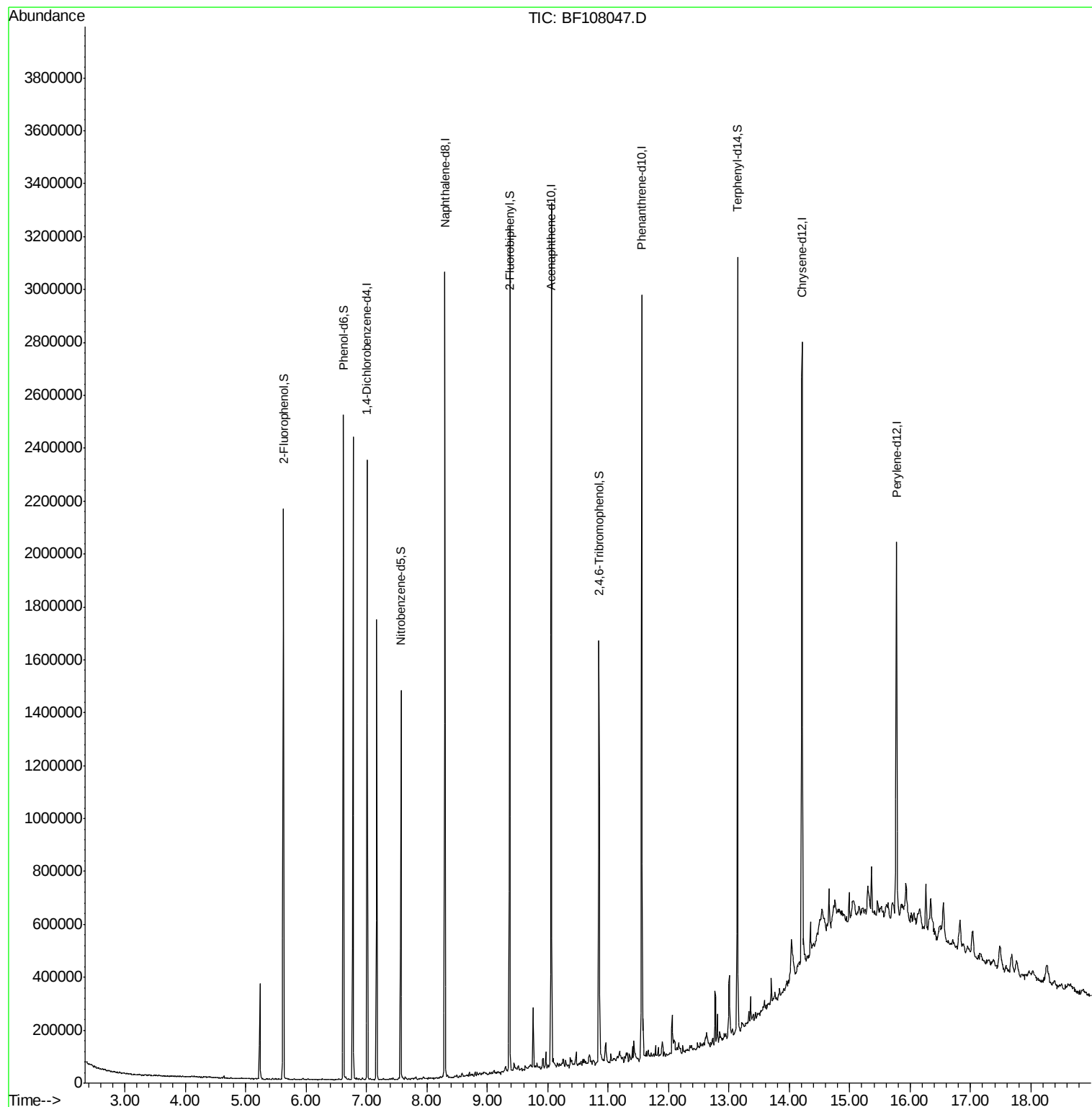
Target Compounds Qvalue

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

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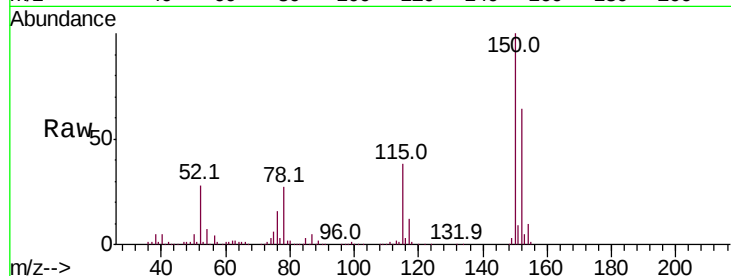


#1

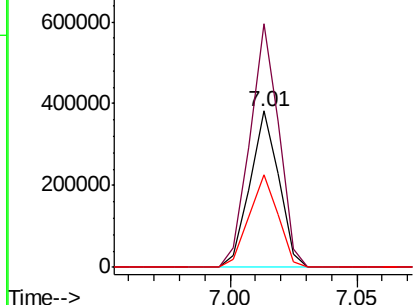
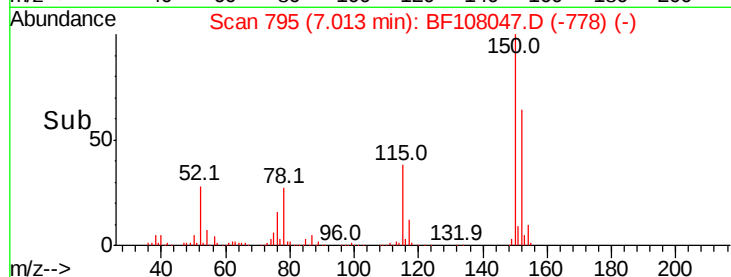
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108047.D
Acq: 9 Aug 2018 12:45

Instrument :
BNA_F
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CL-02-080718-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	59.4	50.1	75.1



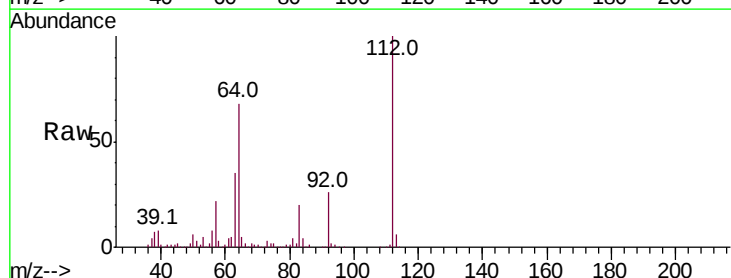
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



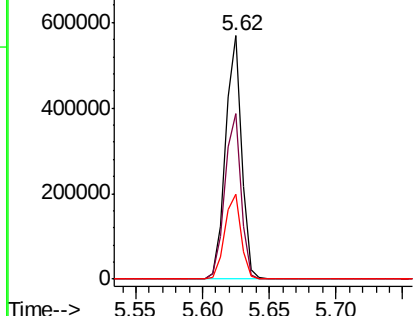
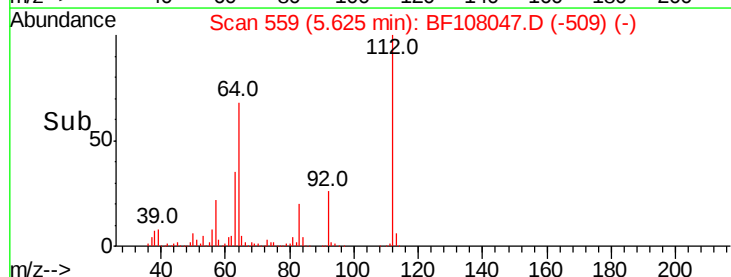
#5

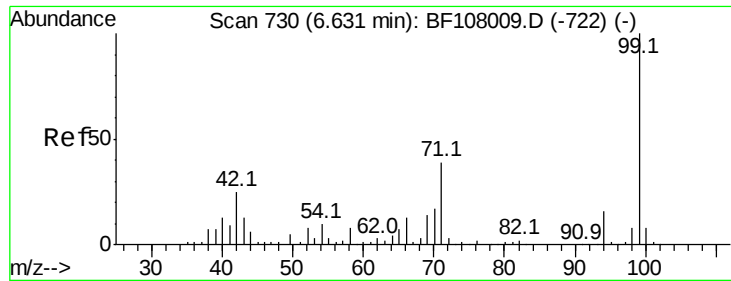
2-Fluorophenol
Concen: 28.991 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108047.D
Acq: 9 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	47.9	71.9
63	34.8	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: 31.076 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF108047.D

Acq: 9 Aug 2018 12:45

Instrument :

BNA_F

ClientSampleId :

CL-02-080718-C

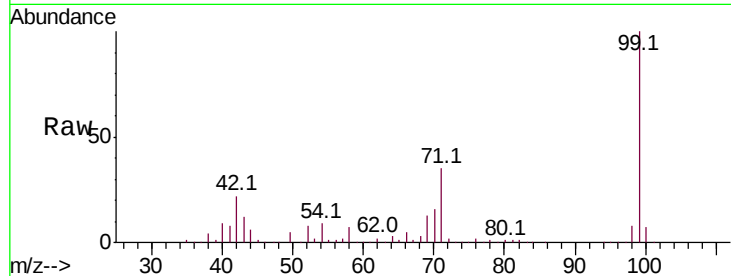
Tot Ion: 99 Resp: 695222

Ion Ratio Lower Upper

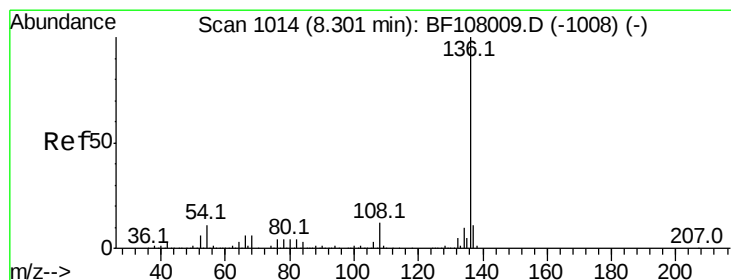
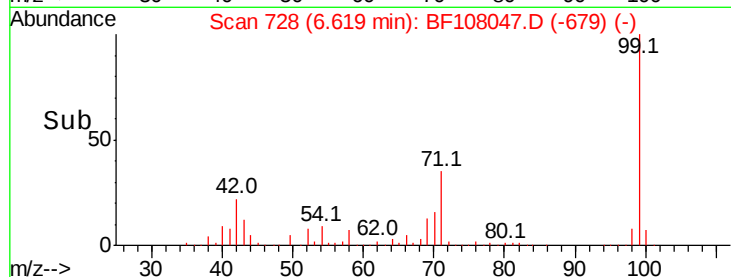
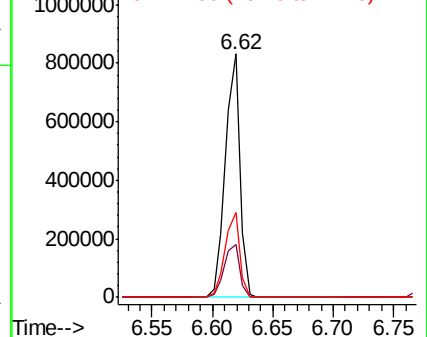
99 100

42 22.0 14.5 21.7#

71 34.9 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: BF108047.D

Acq: 9 Aug 2018 12:45

Tgt Ion: 136 Resp: 1180270

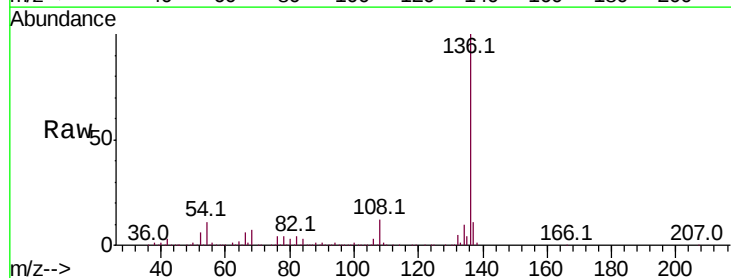
Ion Ratio Lower Upper

136 100

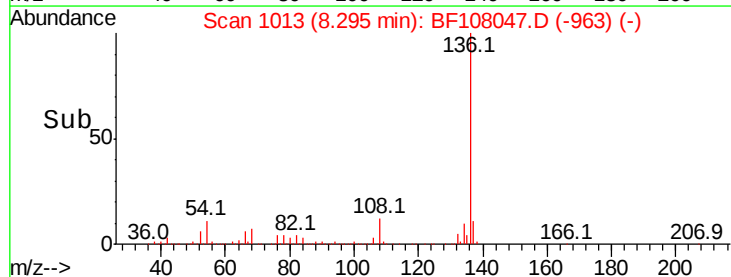
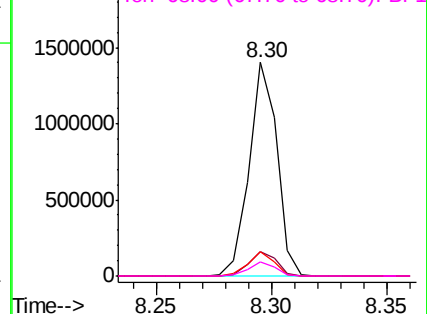
137 11.4 8.9 13.3

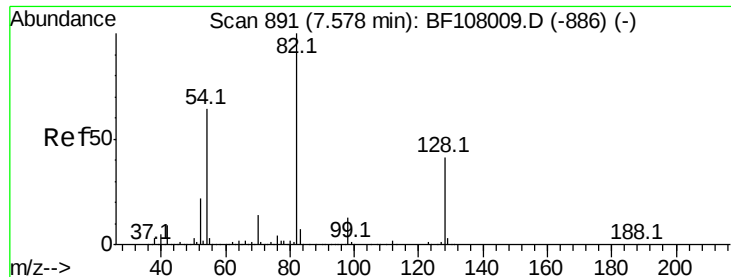
54 11.2 6.6 9.8#

68 6.7 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

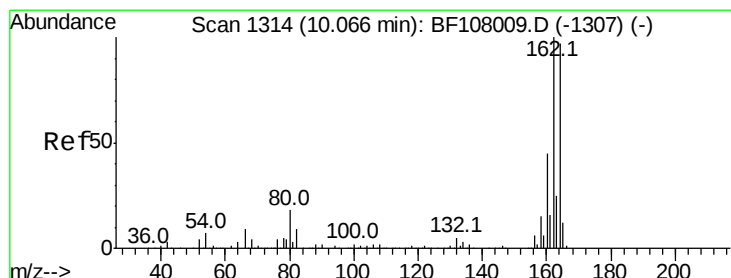
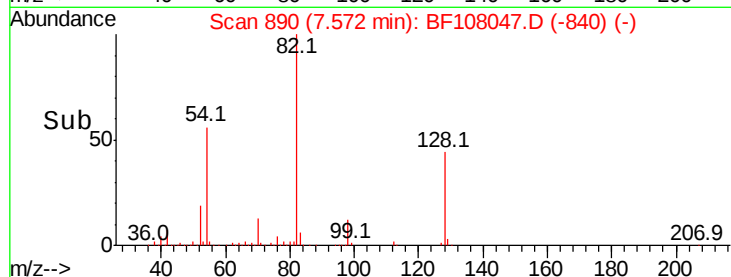
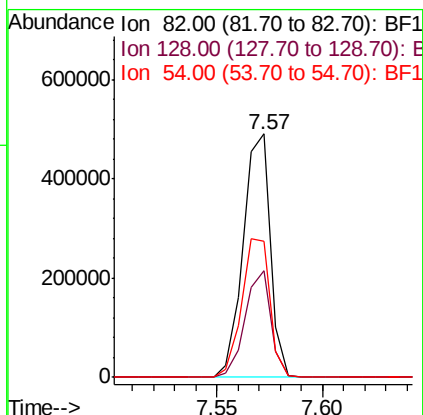
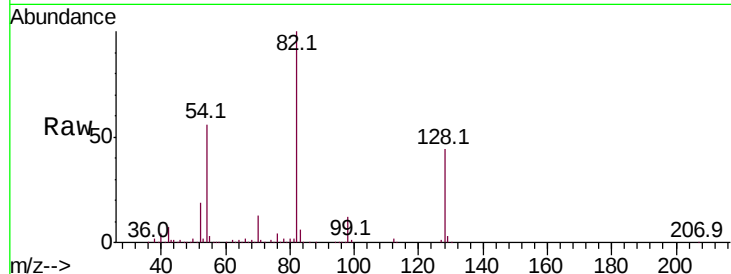




#23
 Nitrobenzene-d5
 Concen: 20.699 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF108047.D
 Acq: 9 Aug 2018 12:45

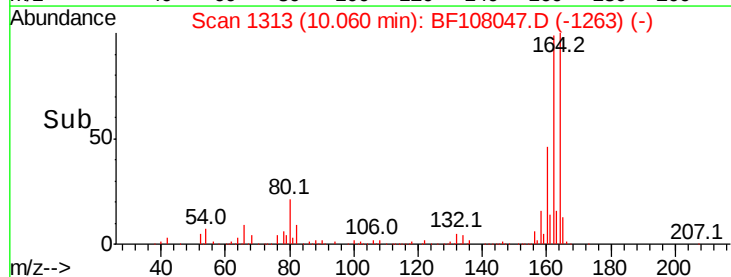
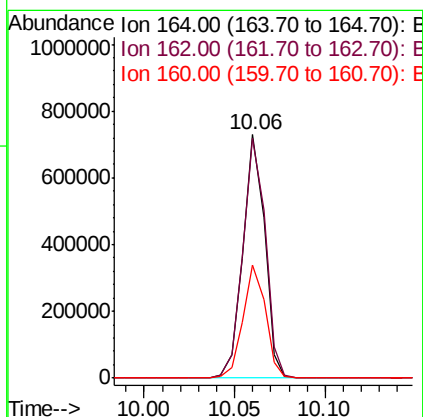
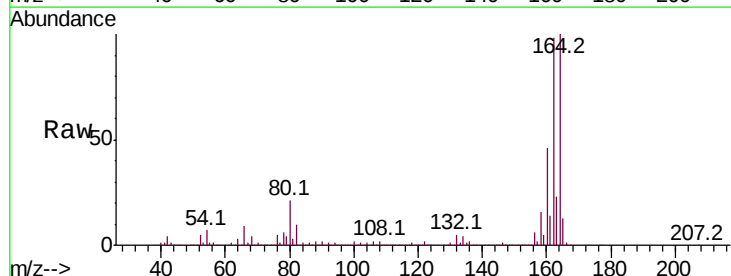
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-080718-C

Tot Ion	82	Resp	437811
Ion Ratio	100	Lower	Upper
128	43.9	36.1	54.1
54	56.0	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: BF108047.D
 Acq: 9 Aug 2018 12:45

Tgt Ion	164	Resp	609821
Ion Ratio	100	Lower	Upper
162	98.4	86.1	129.1
160	46.2	38.3	57.5

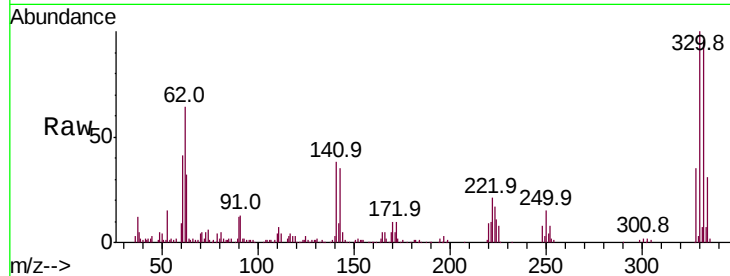




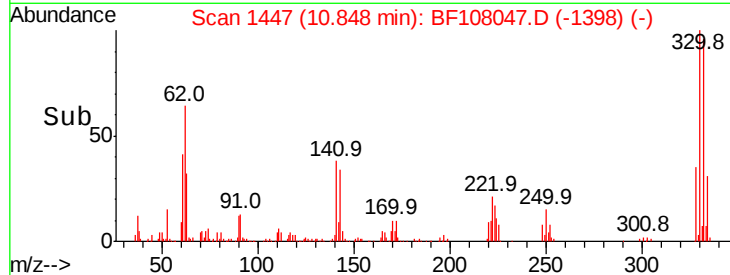
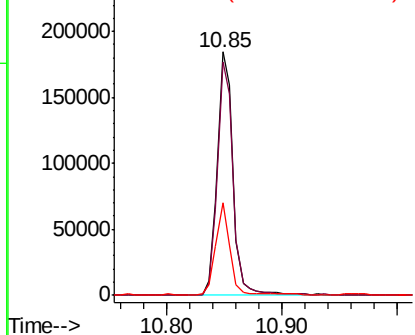
#41
 2,4,6-Tribromophenol
 Concen: 28.880 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF108047.D
 Acq: 9 Aug 2018 12:45

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-080718-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	34.7	29.9	44.9

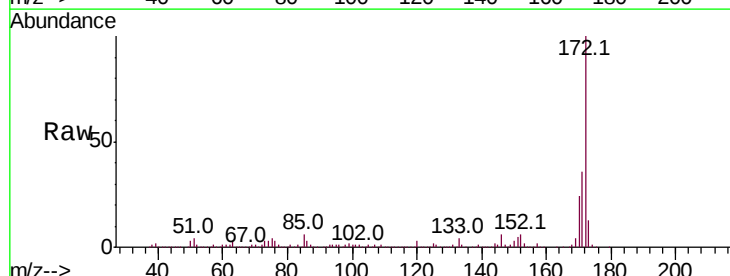


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

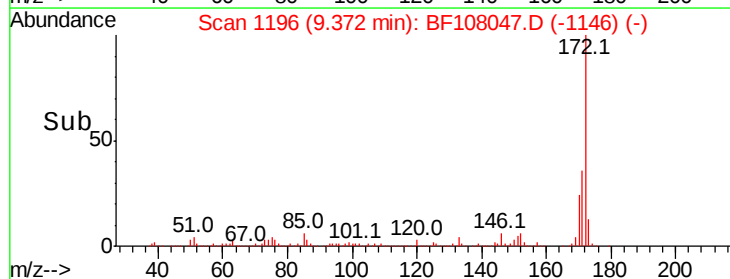
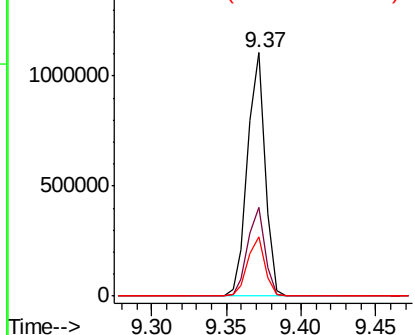


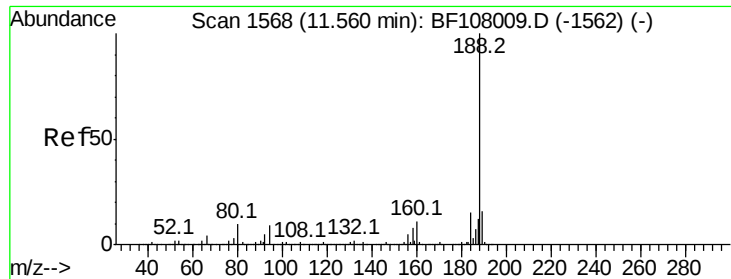
#44
 2-Fluorobiphenyl
 Concen: 23.783 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108047.D
 Acq: 9 Aug 2018 12:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	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

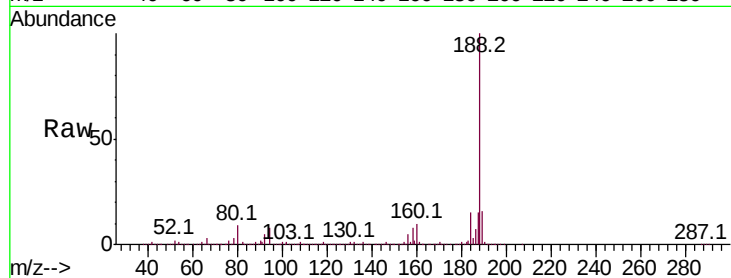




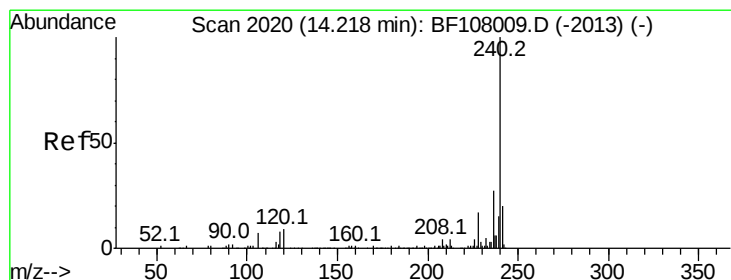
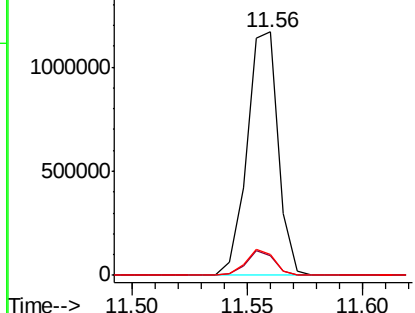
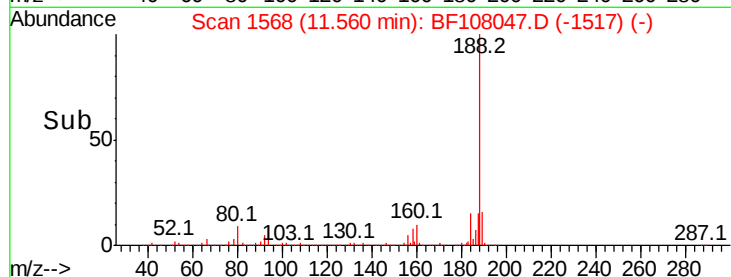
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108047.D
Acq: 9 Aug 2018 12:45

Instrument :
BNA_F
ClientSampleId :
CL-02-080718-C

Tot Ion:188 Resp: 1099163
Ion Ratio Lower Upper
188 100
94 8.1 8.5 12.7#
80 8.7 9.2 13.8#

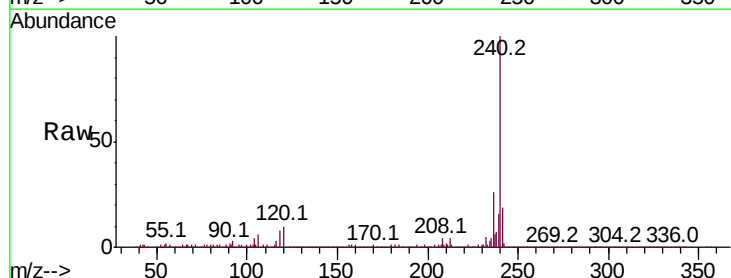


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

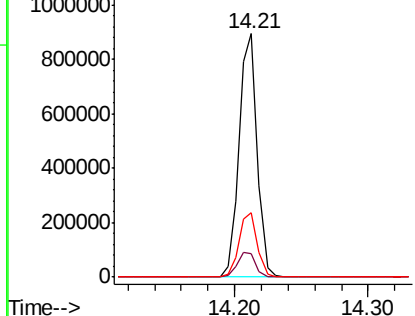
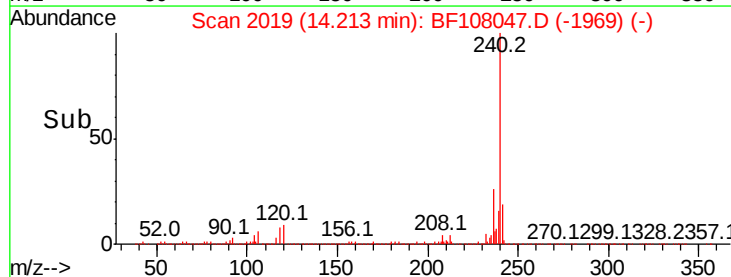


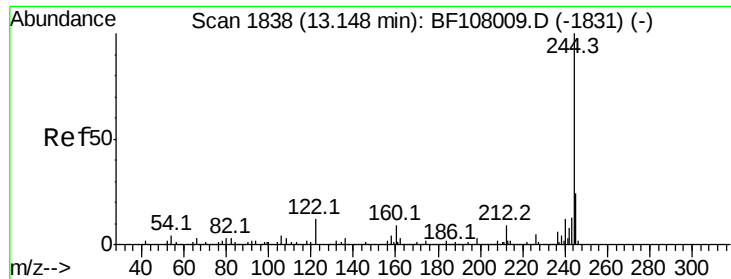
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108047.D
Acq: 9 Aug 2018 12:45

Tgt Ion:240 Resp: 842617
Ion Ratio Lower Upper
240 100
120 9.5 9.5 14.3
236 26.4 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

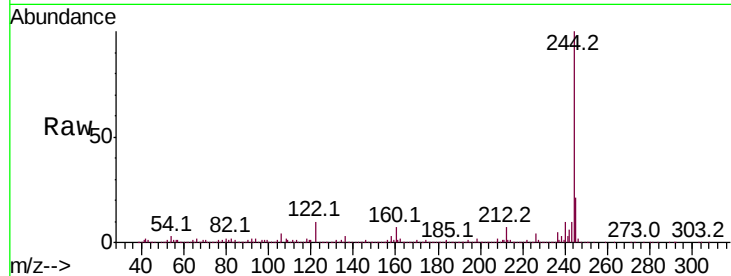




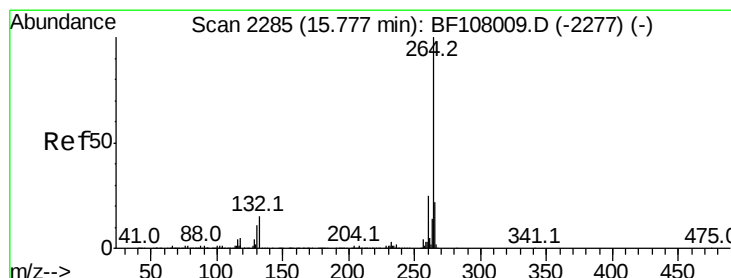
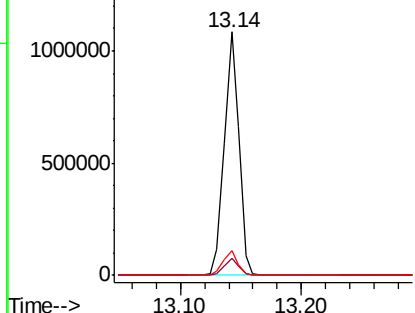
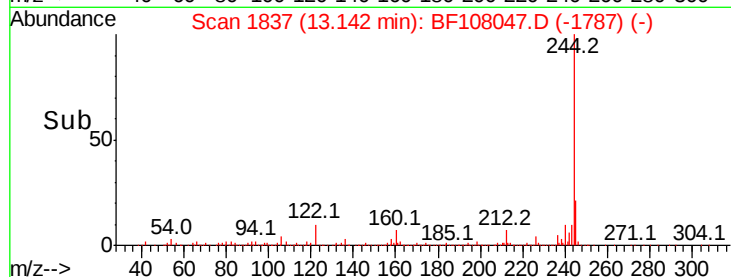
#78
 Terphenyl-d14
 Concen: 27.386 ng
 RT: 13.14 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF108047.D
 Acq: 9 Aug 2018 12:45

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-080718-C

Tot Ion:244 Resp: 907573
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 10.3 11.0 16.4#

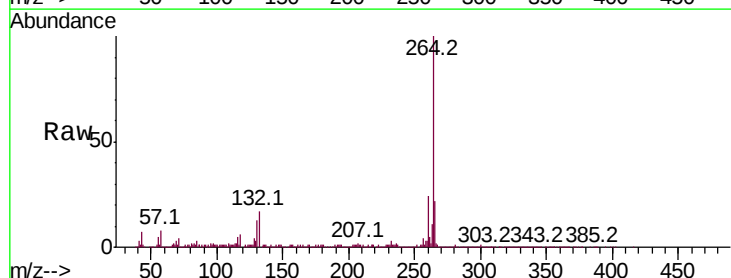


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.77 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF108047.D
 Acq: 9 Aug 2018 12:45

Tgt Ion:264 Resp: 701013
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.4 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

