

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
 Data File : BF108048.D
 Acq On : 9 Aug 2018 13:12
 Operator : JU/SJ
 Sample : J4275-07 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 09 17:39:56 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

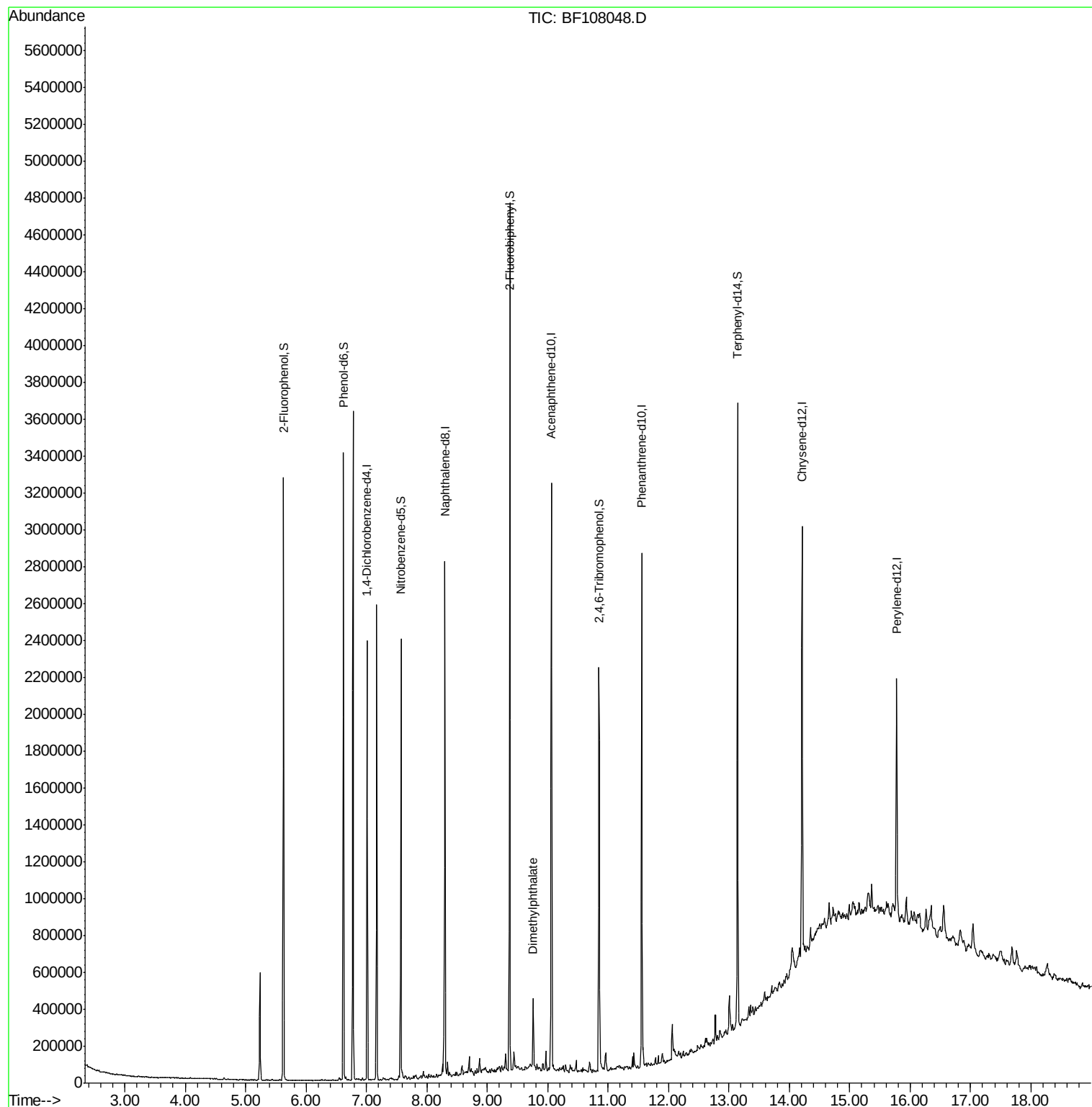
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	301347	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1154768	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	570693	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	1007651	20.00	ng	0.00
75) Chrysene-d12	14.21	240	758368	20.00	ng	0.00
86) Perylene-d12	15.78	264	600000	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	731308	43.94	ng	0.00
7) Phenol-d6	6.62	99	1018271	46.04	ng	-0.01
23) Nitrobenzene-d5	7.57	82	657453	31.77	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	245508	43.13	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1279159	35.99	ng	0.00
78) Terphenyl-d14	13.15	244	1228260	41.18	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.76	163	88806	2.234	ng	# 98

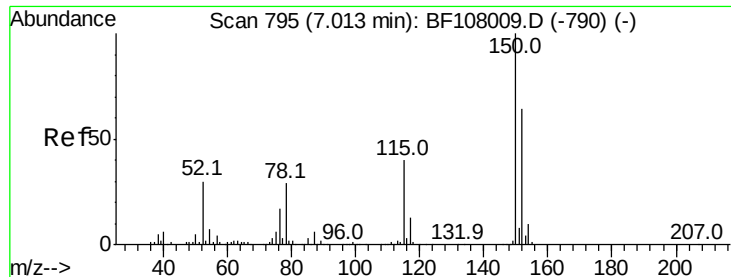
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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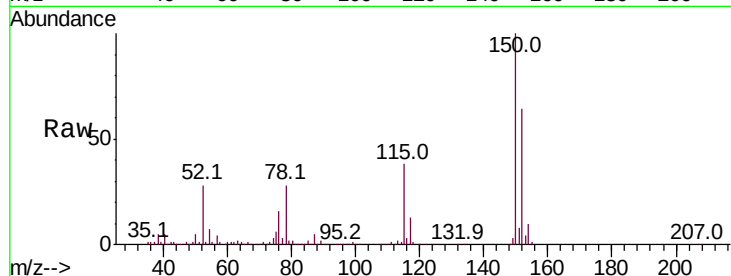


#1

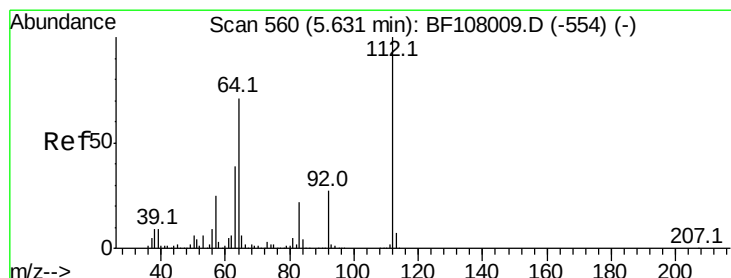
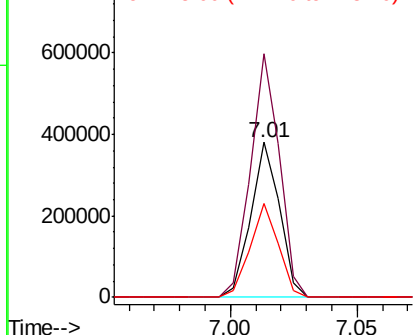
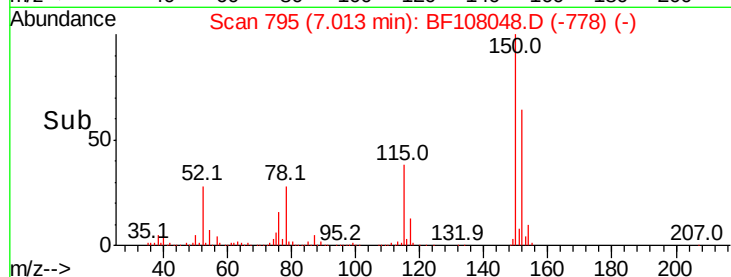
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108048.D
Acq: 9 Aug 2018 13:12

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

Tot Ion:152 Resp: 301347
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 60.1 50.1 75.1



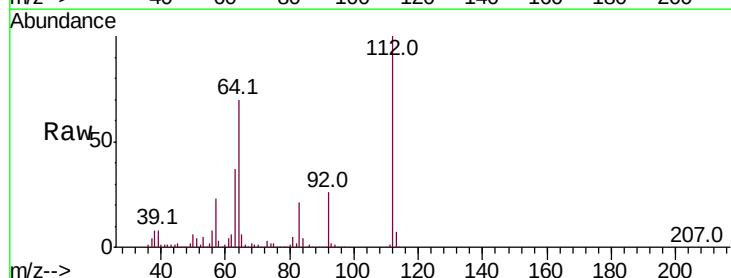
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



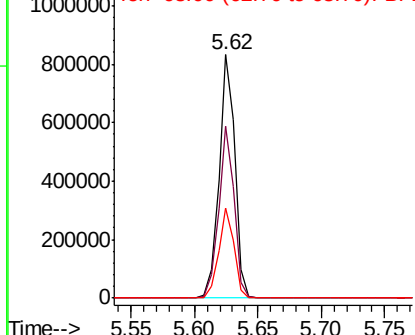
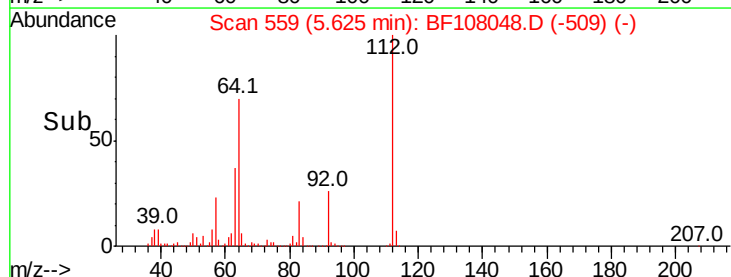
#5

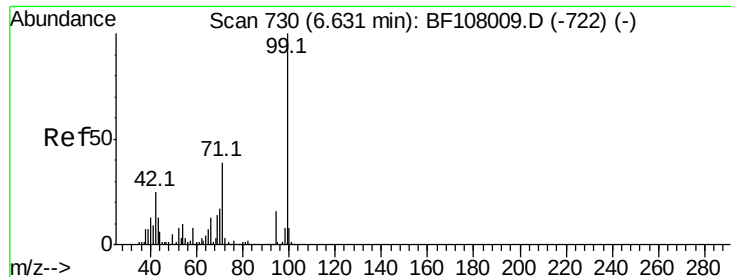
2-Fluorophenol
Concen: 43.936 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108048.D
Acq: 9 Aug 2018 13:12

Tgt Ion:112 Resp: 731308
Ion Ratio Lower Upper
112 100
64 70.5 47.9 71.9
63 36.7 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: 46.037 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF108048.D

Acq: 9 Aug 2018 13:12

Instrument :

BNA_F

ClientSampleId :

CL-02-080718-D

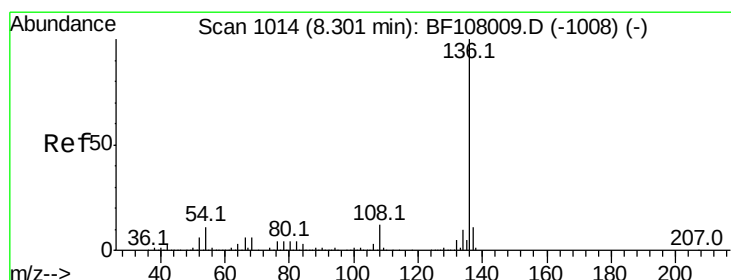
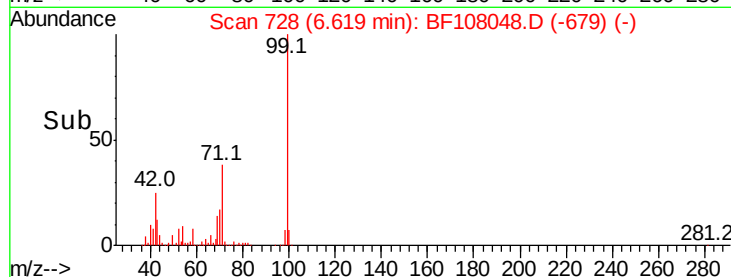
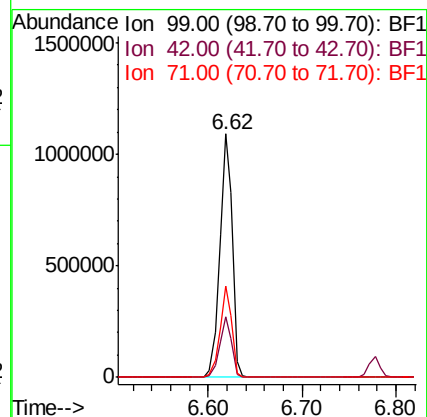
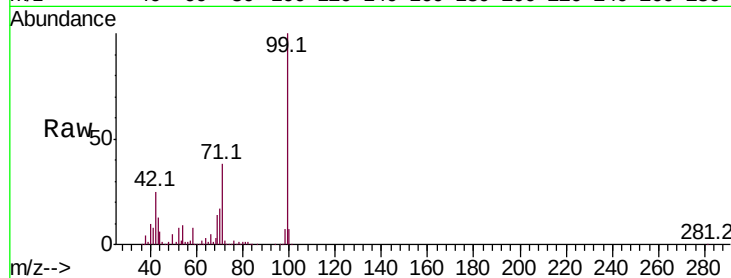
Tot Ion: 99 Resp: 1018271

Ion Ratio Lower Upper

99 100

42 24.9 14.5 21.7#

71 37.7 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF108048.D

Acq: 9 Aug 2018 13:12

Tgt Ion: 136 Resp: 1154768

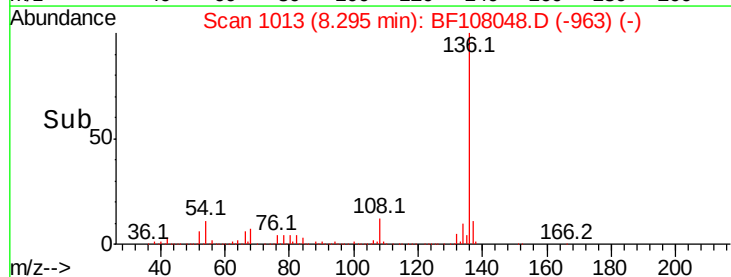
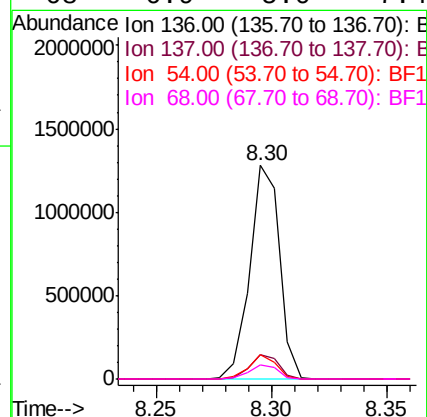
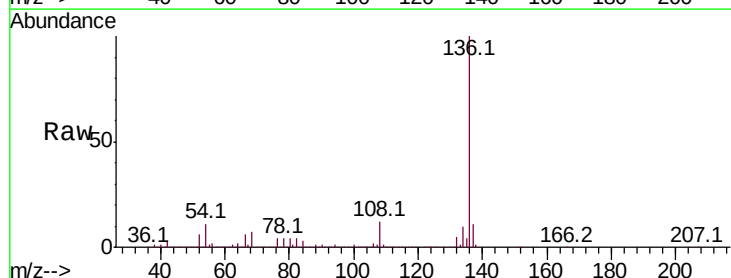
Ion Ratio Lower Upper

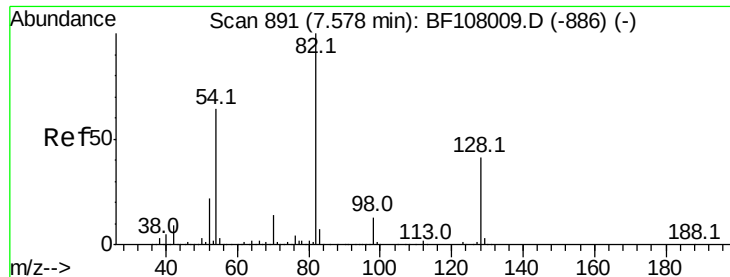
136 100

137 11.3 8.9 13.3

54 11.1 6.6 9.8#

68 6.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 31.770 ng

RT: 7.57 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF108048.D

Acq: 9 Aug 2018 13:12

Instrument :

BNA_F

ClientSampleId :

CL-02-080718-D

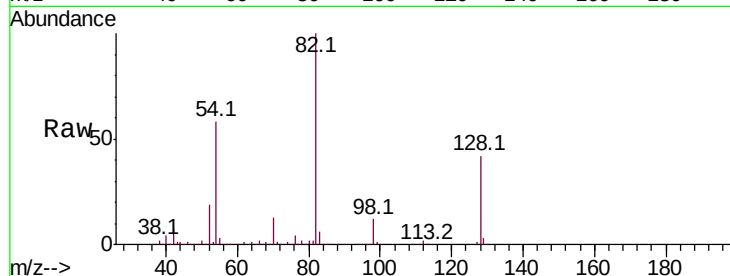
Tot Ion: 82 Resp: 657453

Ion Ratio Lower Upper

82 100

128 42.4 36.1 54.1

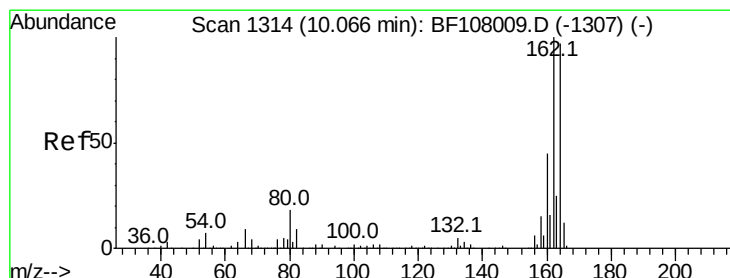
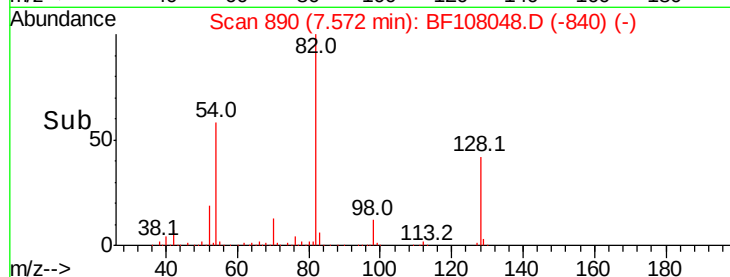
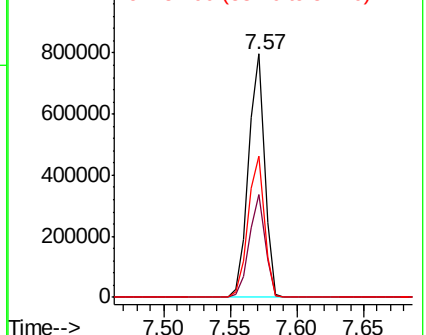
54 58.1 41.4 62.2



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: BF108048.D

Acq: 9 Aug 2018 13:12

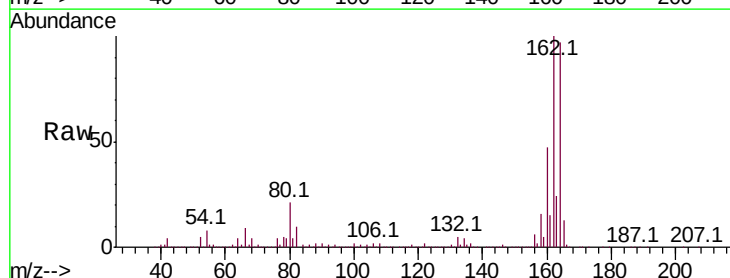
Tgt Ion: 164 Resp: 570693

Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

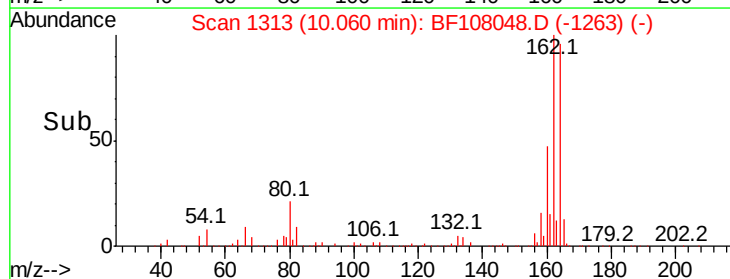
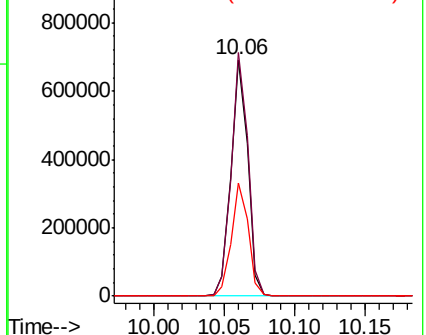
160 48.0 38.3 57.5

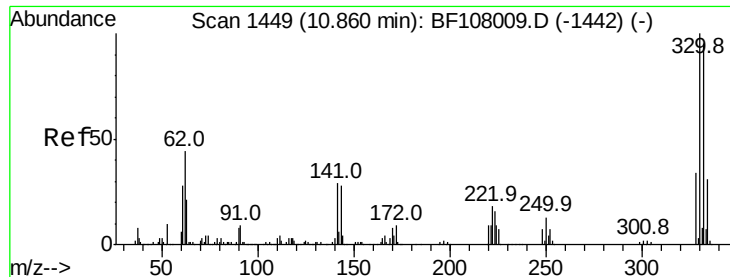


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

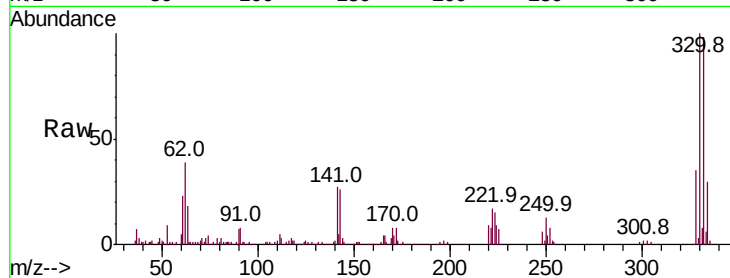




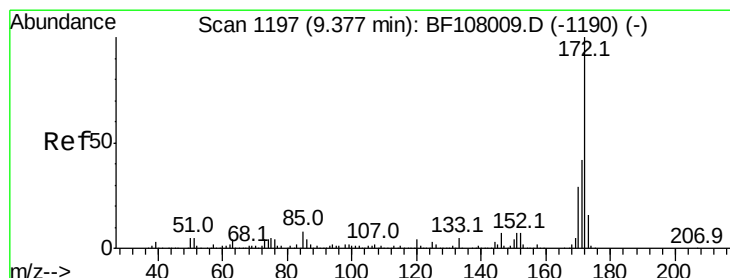
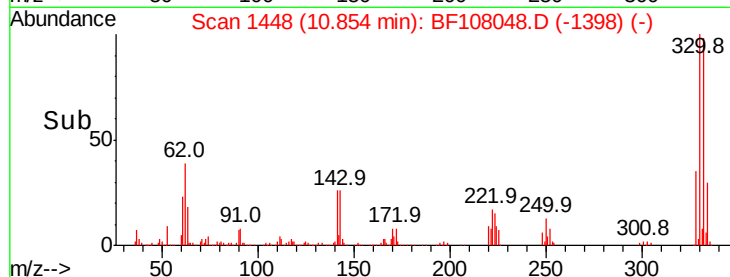
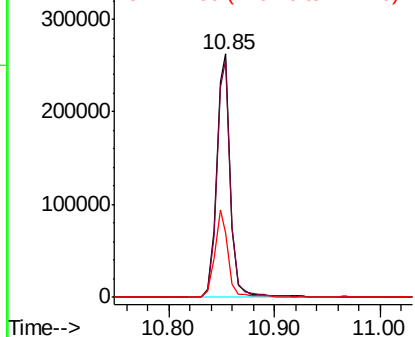
#41
 2,4,6-Tribromophenol
 Concen: 43.128 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108048.D
 Acq: 9 Aug 2018 13:12

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	34.8	29.9	44.9

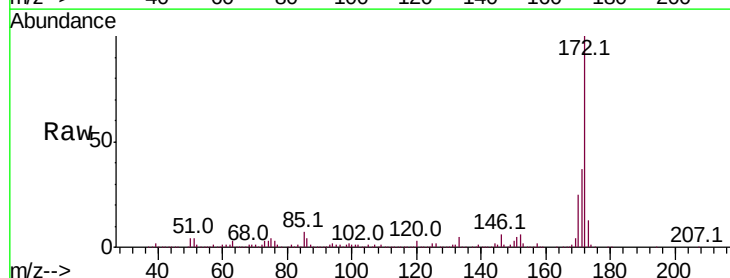


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

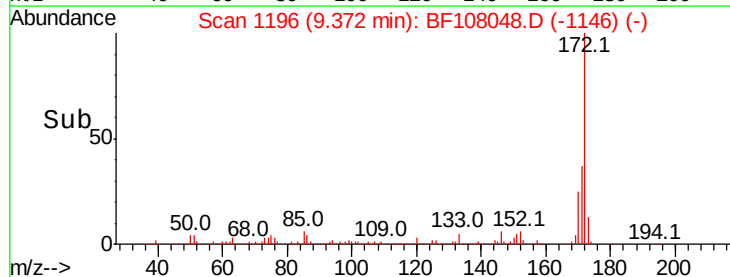
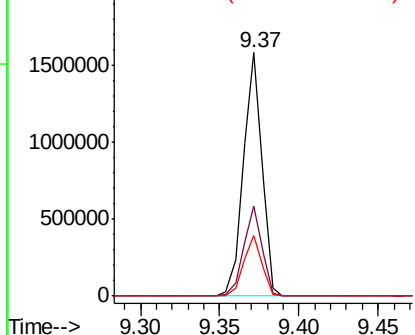


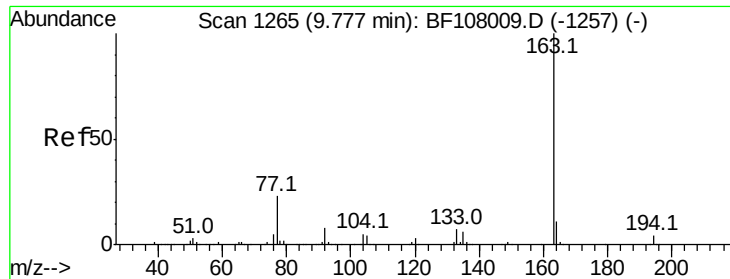
#44
 2-Fluorobiphenyl
 Concen: 35.985 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108048.D
 Acq: 9 Aug 2018 13:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	25.1	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

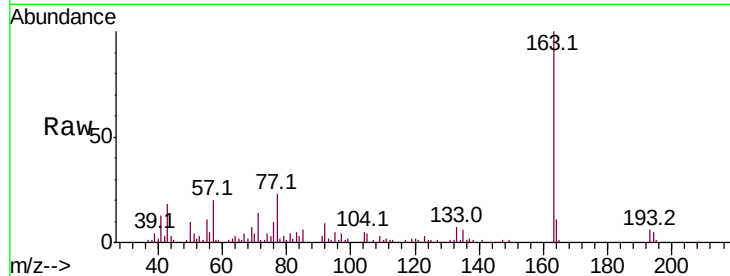




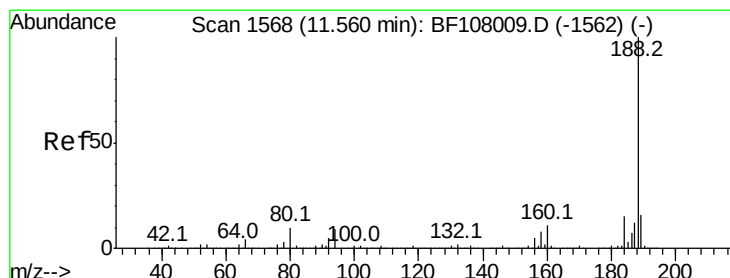
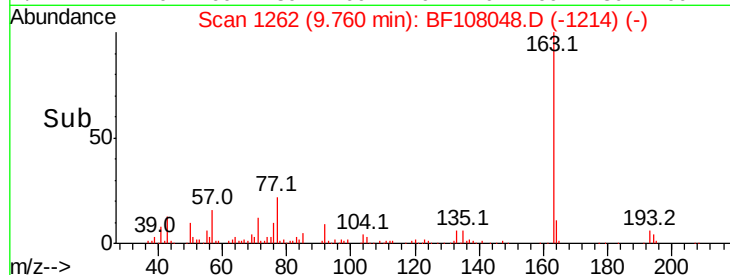
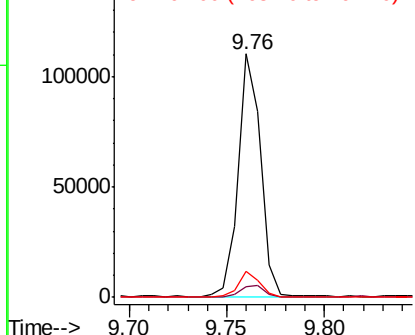
#49
 Dimethylphthalate
 Concen: 2.234 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.02 min
 Lab File: BF108048.D
 Acq: 9 Aug 2018 13:12

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

Tot Ion:163 Resp: 88806
 Ion Ratio Lower Upper
 163 100
 194 4.6 2.7 4.1#
 164 10.7 8.2 12.2

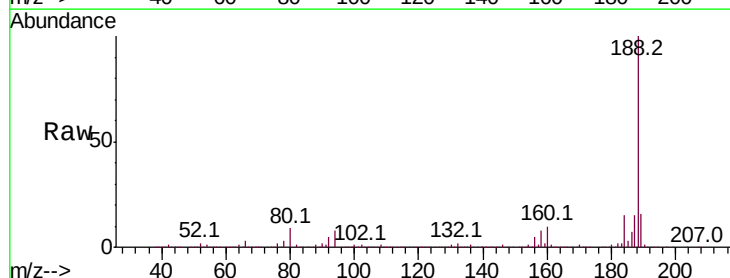


Abundance Ion 163.00 (162.70 to 163.70): E
 150000 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

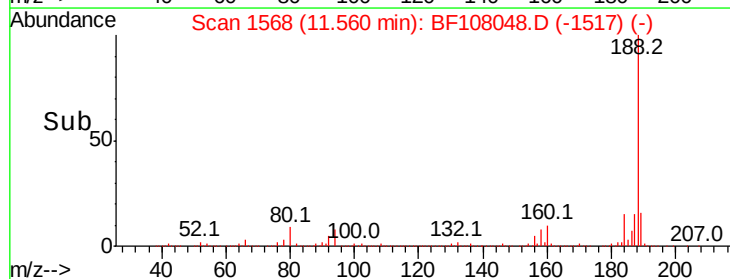
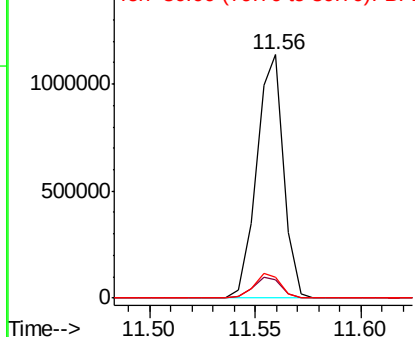


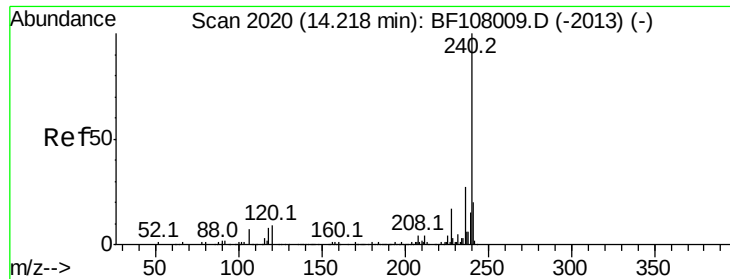
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF108048.D
 Acq: 9 Aug 2018 13:12

Tgt Ion:188 Resp: 1007651
 Ion Ratio Lower Upper
 188 100
 94 7.7 8.5 12.7#
 80 8.6 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E
 1500000 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: BF108048.D

Acq: 9 Aug 2018 13:12

Instrument :

BNA_F

ClientSampleId :

CL-02-080718-D

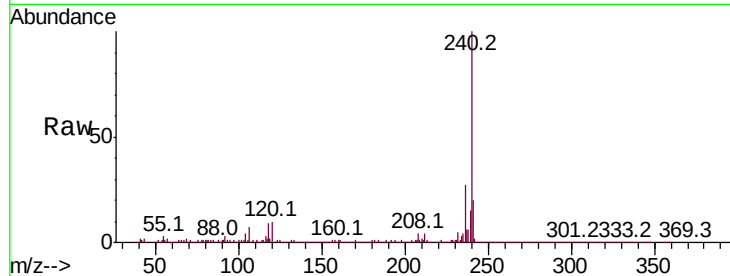
Tot Ion:240 Resp: 758368

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

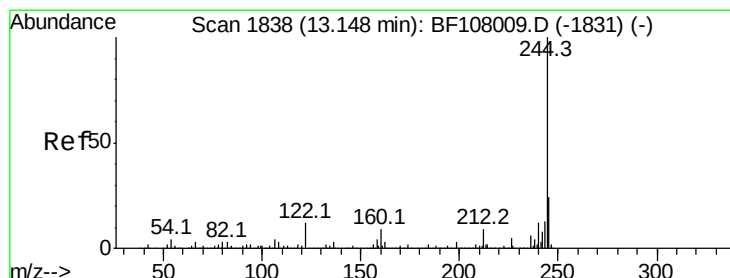
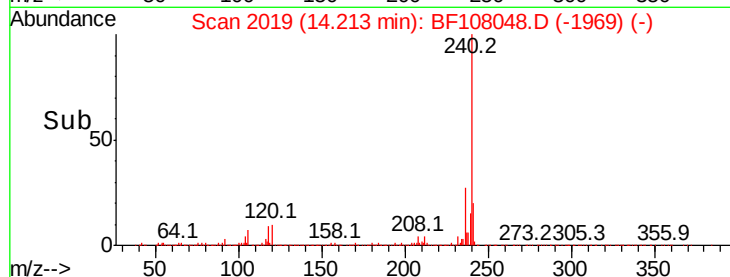
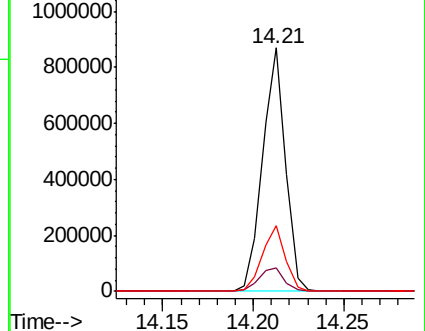
236 26.9 20.7 31.1



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: 41.180 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108048.D

Acq: 9 Aug 2018 13:12

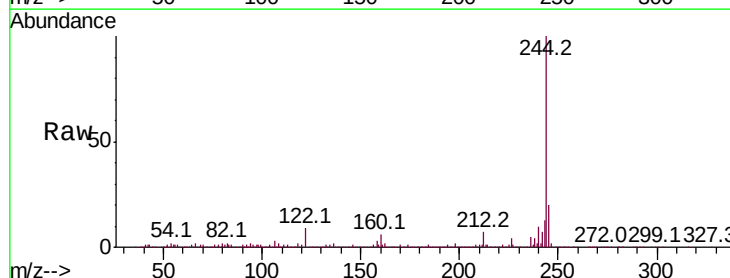
Tgt Ion:244 Resp: 1228260

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

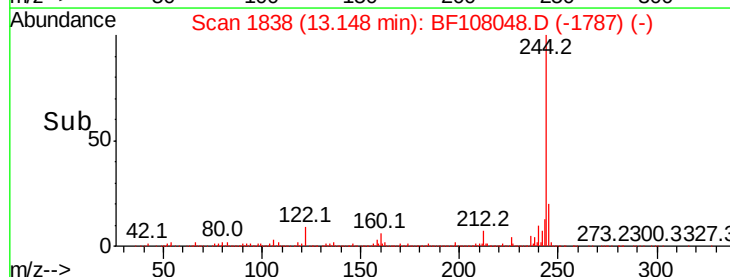
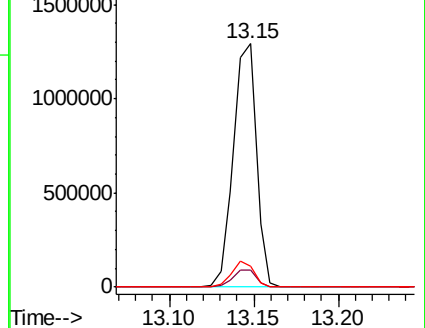
122 8.7 11.0 16.4#

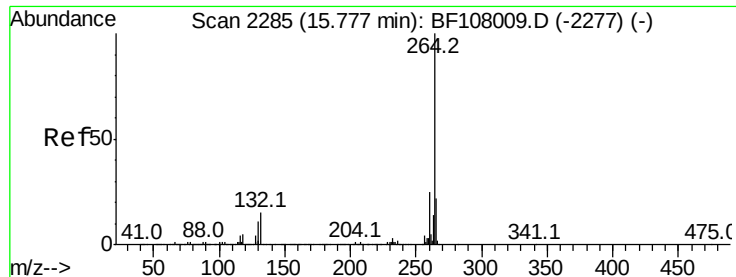


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

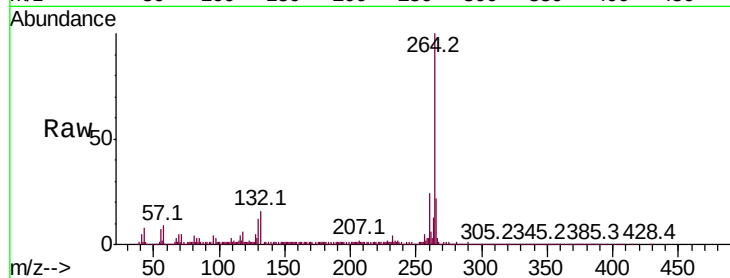




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF108048.D
Acq: 9 Aug 2018 13:12

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.3	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

