

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
 Data File : BF108044.D
 Acq On : 9 Aug 2018 11:24
 Operator : JU/SJ
 Sample : J4275-03 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Aug 09 16:49:29 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	302036	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1161504	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	597902	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	1074577	20.00	ng	0.00
75) Chrysene-d12	14.21	240	753929	20.00	ng	-0.01
86) Perylene-d12	15.77	264	705633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	252177	15.12	ng	-0.01
7) Phenol-d6	6.61	99	348747	15.73	ng	-0.02
23) Nitrobenzene-d5	7.57	82	219065	10.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.85	330	77152	12.94	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	447146	12.01	ng	0.00
78) Terphenyl-d14	13.14	244	418482	14.11	ng	0.00

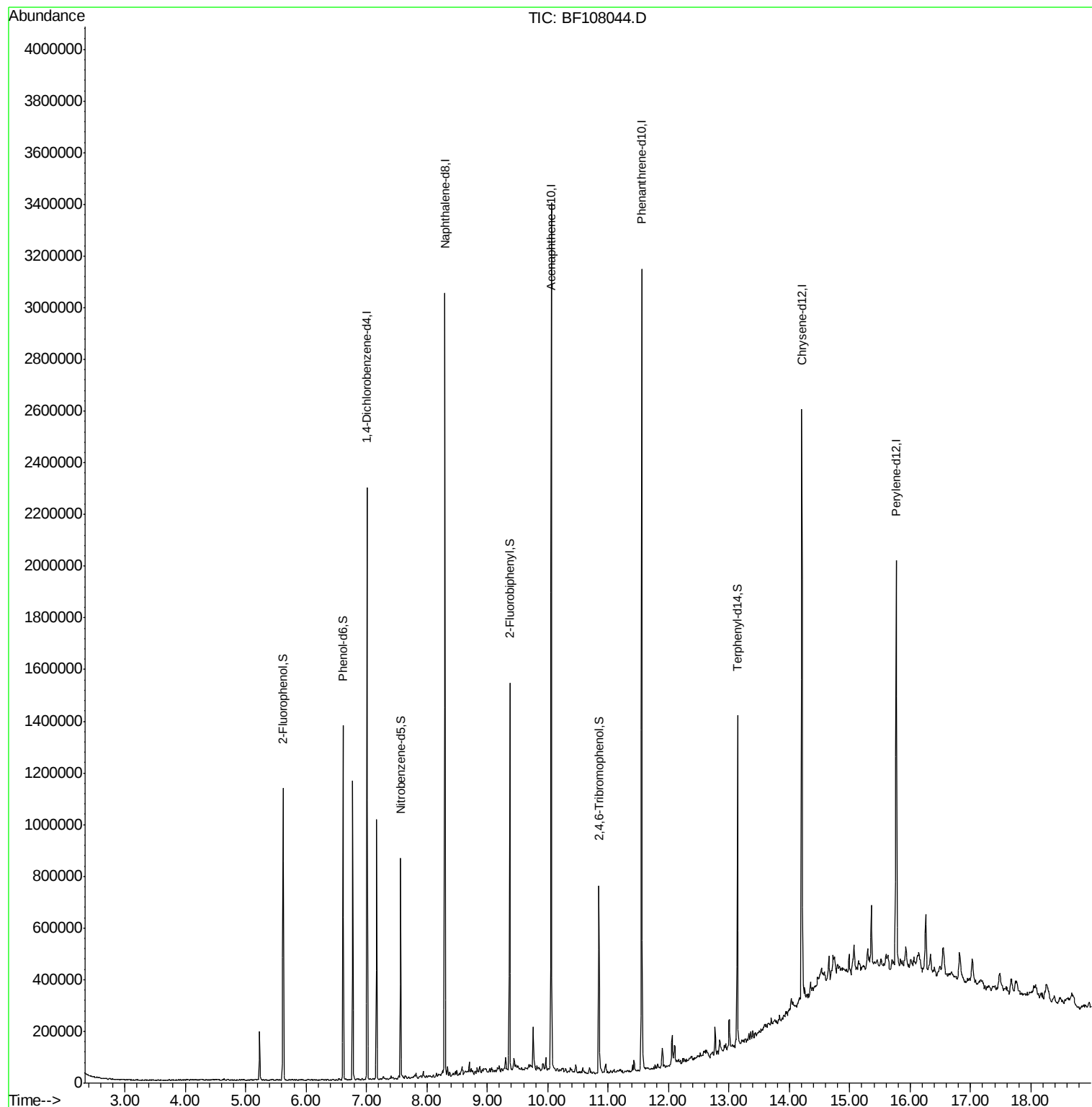
Target Compounds Qvalue

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

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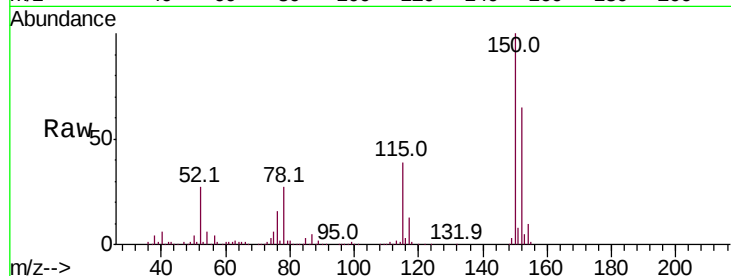


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108044.D
Acq: 9 Aug 2018 11:24

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	186.8
115	59.6	50.1	75.1

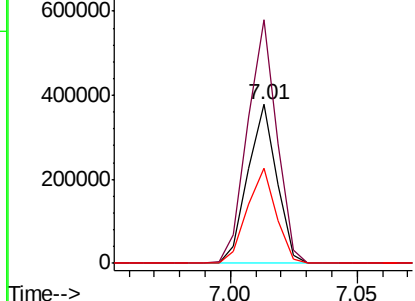
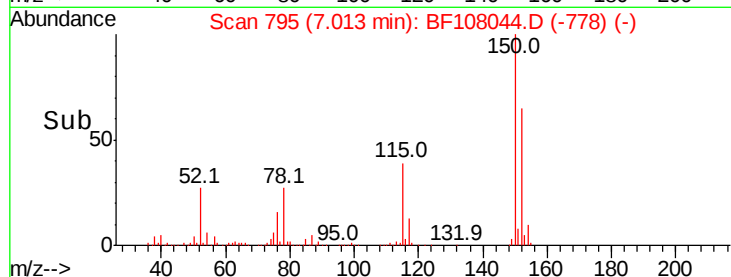


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

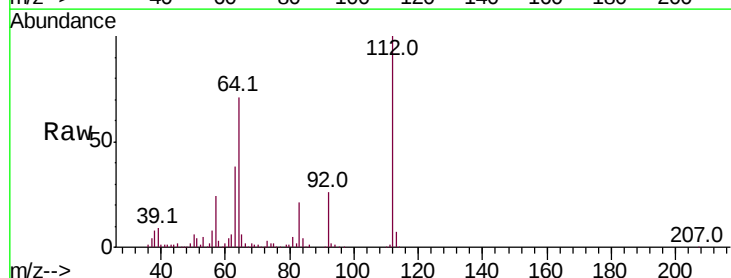
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 15.116 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108044.D
Acq: 9 Aug 2018 11:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	47.9	71.9
63	37.9	23.7	35.5#

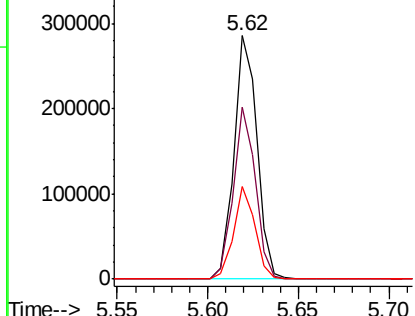
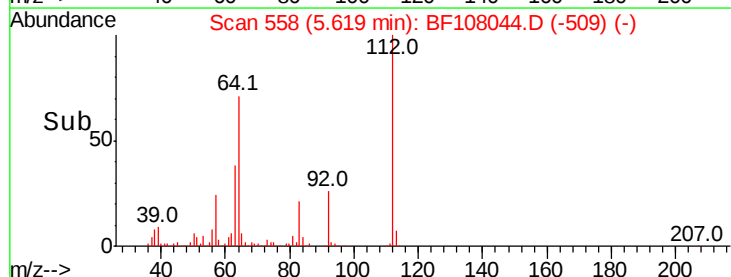


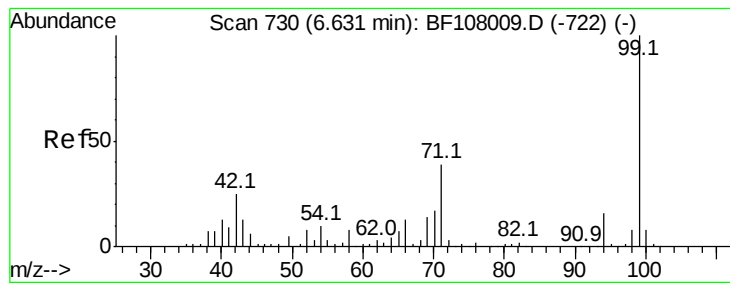
Abundance

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: 15.731 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108044.D

Acq: 9 Aug 2018 11:24

Instrument :

BNA_F

ClientSampleId :

CL-02-080718-B

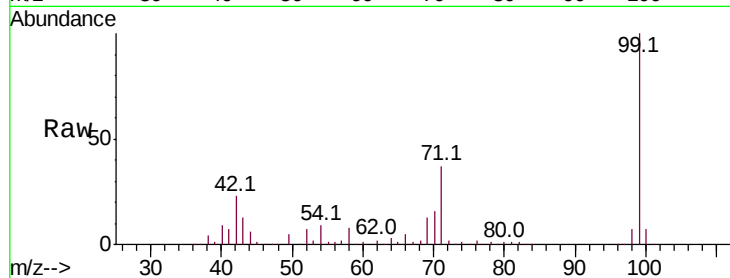
Tot Ion: 99 Resp: 348747

Ion Ratio Lower Upper

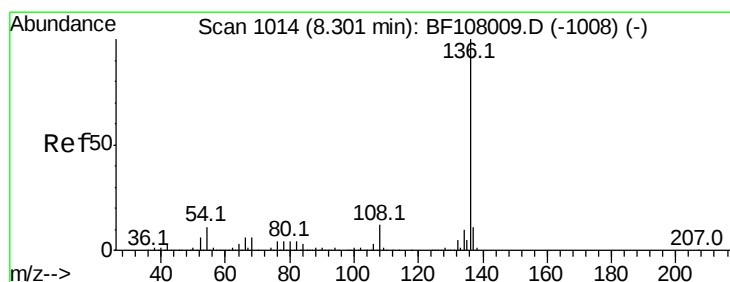
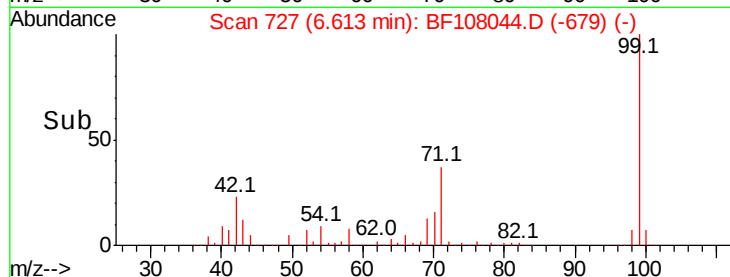
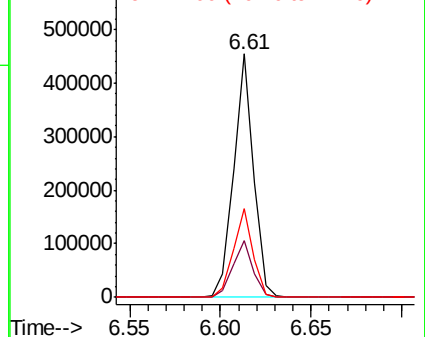
99 100

42 23.5 14.5 21.7#

71 36.7 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: BF108044.D

Acq: 9 Aug 2018 11:24

Tgt Ion: 136 Resp: 1161504

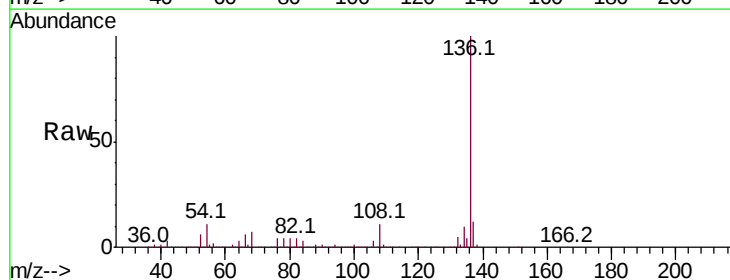
Ion Ratio Lower Upper

136 100

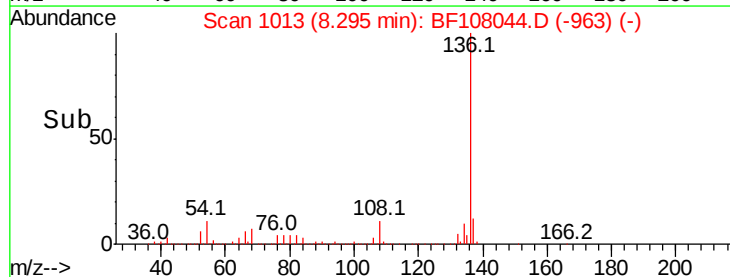
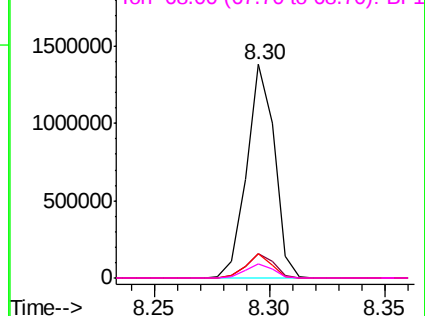
137 11.6 8.9 13.3

54 11.4 6.6 9.8#

68 6.8 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

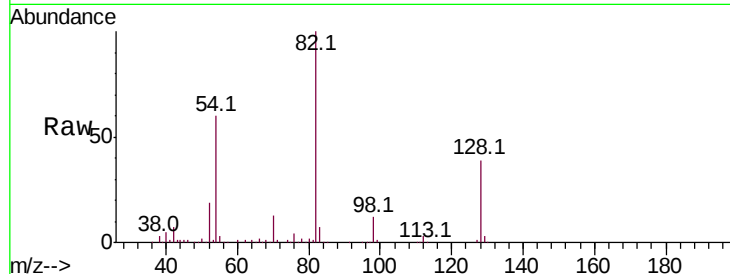




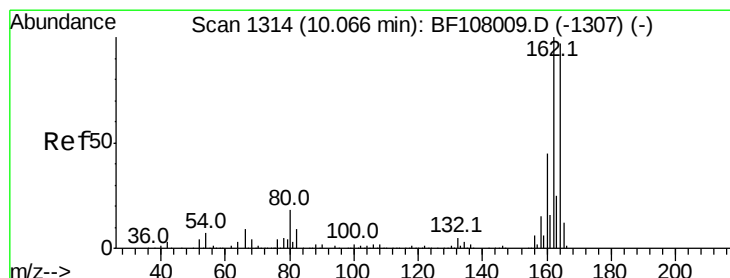
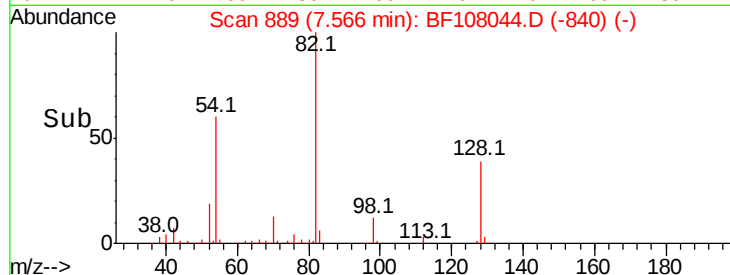
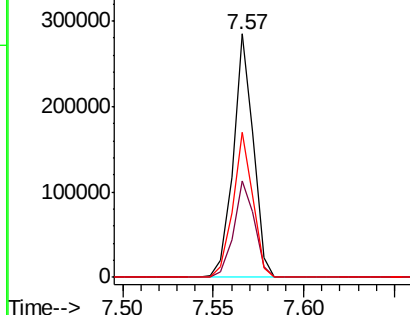
#23
 Nitrobenzene-d5
 Concen: 10.524 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108044.D
 Acq: 9 Aug 2018 11:24

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.4	36.1	54.1
54	59.5	41.4	62.2

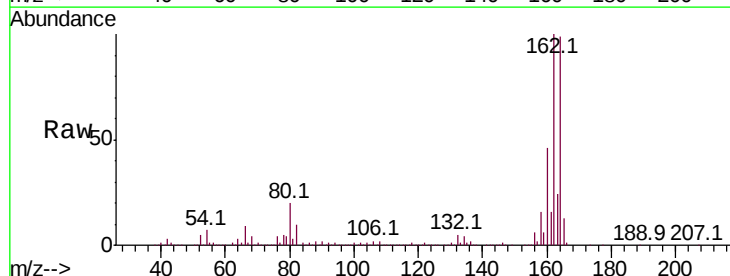


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

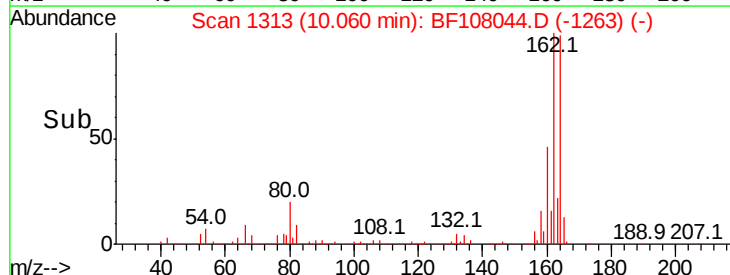
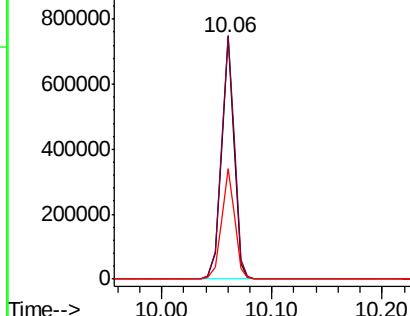


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108044.D
 Acq: 9 Aug 2018 11:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	86.1	129.1
160	45.9	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

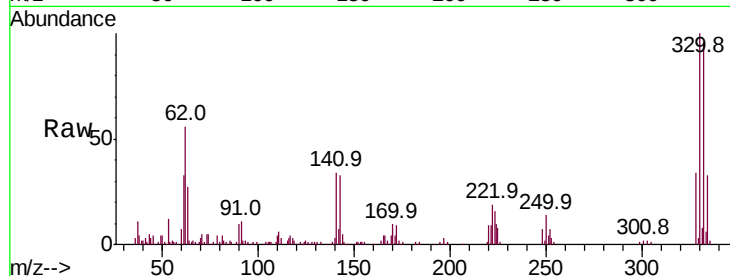




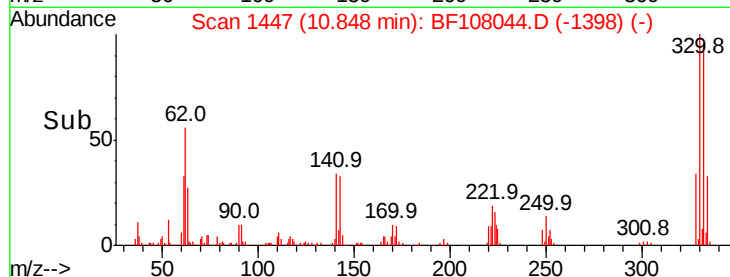
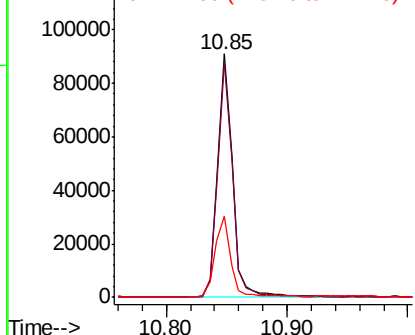
#41
 2,4,6-Tribromophenol
 Concen: 12.936 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF108044.D
 Acq: 9 Aug 2018 11:24

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

Tot Ion:330 Resp: 77152
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 36.5 29.9 44.9

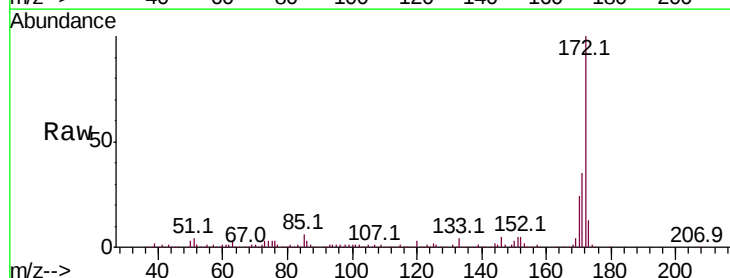


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

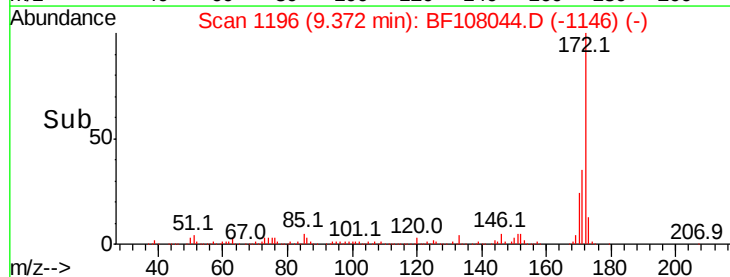
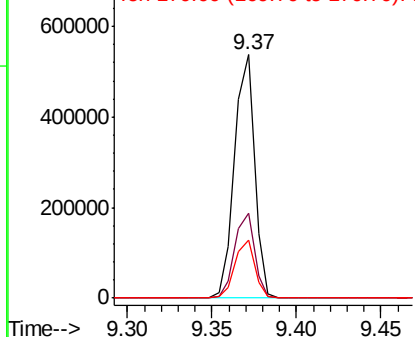


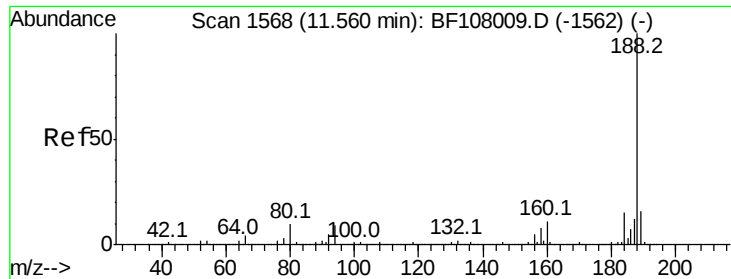
#44
 2-Fluorobiphenyl
 Concen: 12.007 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108044.D
 Acq: 9 Aug 2018 11:24

Tgt Ion:172 Resp: 447146
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 23.8 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

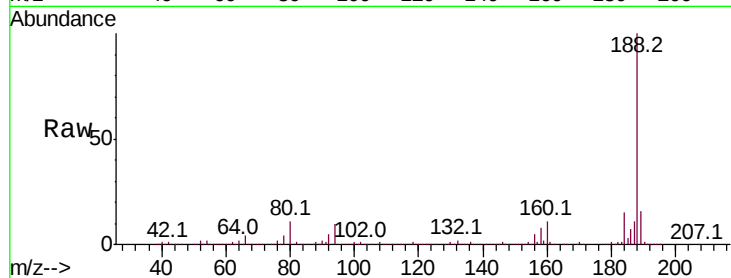




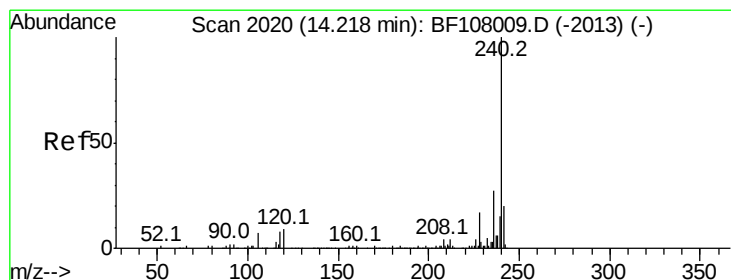
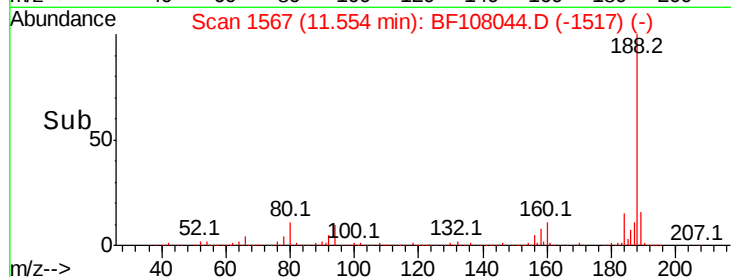
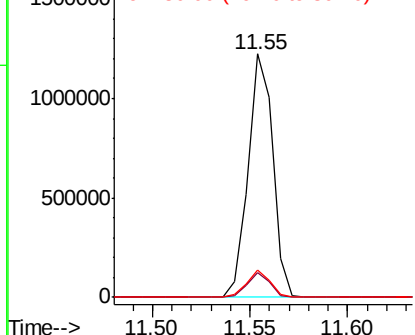
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108044.D
Acq: 9 Aug 2018 11:24

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

Tot Ion:188 Resp: 1074577
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 11.0 9.2 13.8

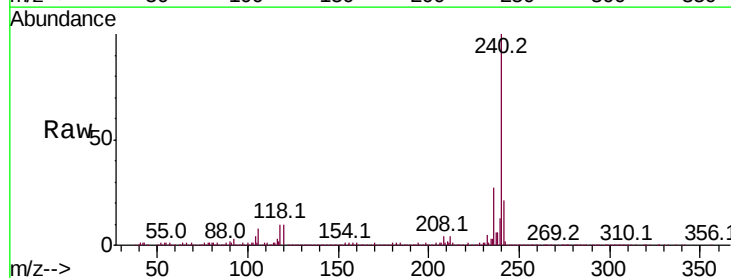


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

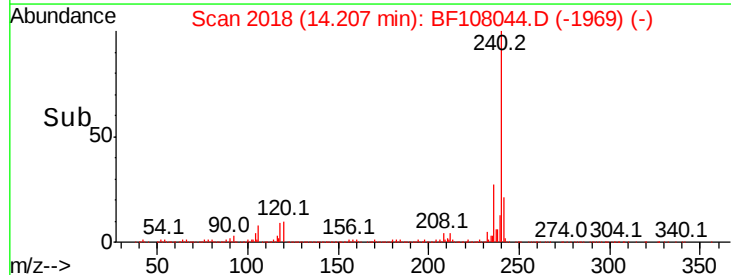
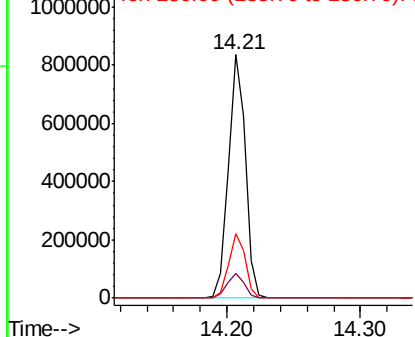


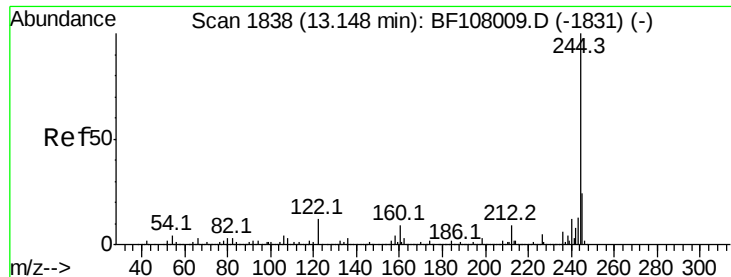
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF108044.D
Acq: 9 Aug 2018 11:24

Tgt Ion:240 Resp: 753929
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 26.7 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

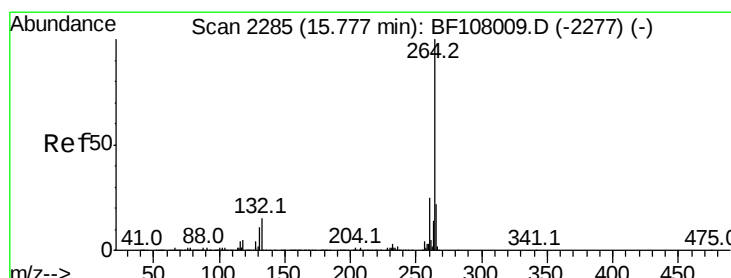
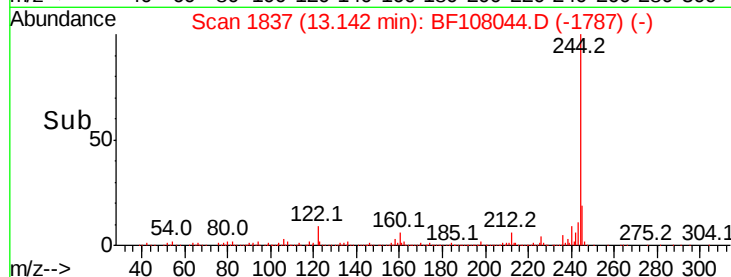
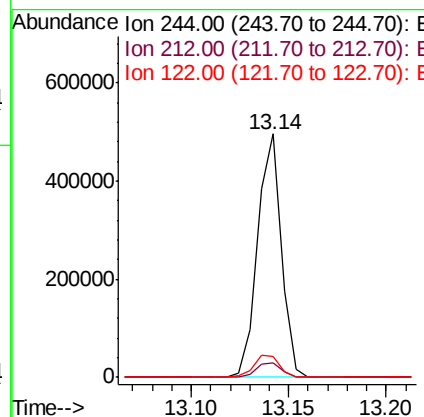
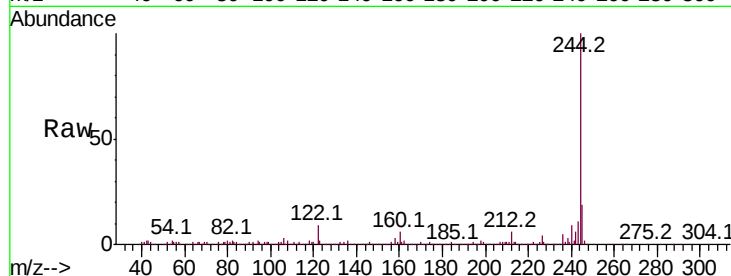




#78
 Terphenyl-d14
 Concen: 14.113 ng
 RT: 13.14 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF108044.D
 Acq: 9 Aug 2018 11:24

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

Tot Ion:244 Resp: 418482
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 8.8 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: BF108044.D
 Acq: 9 Aug 2018 11:24

Tgt Ion:264 Resp: 705633
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 22.2 17.5 26.3

