

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108291.D
 Acq On : 20 Aug 2018 15:49
 Operator : JU/SJ
 Sample : J4282-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-081518-B

Quant Time: Aug 20 16:53:55 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	211911	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	809536	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	414903	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	851008	20.00	ng	0.00
75) Chrysene-d12	14.21	240	658533	20.00	ng	0.00
86) Perylene-d12	15.78	264	467807	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1416983	121.06	ng	0.04
7) Phenol-d6	6.64	99	1704517	109.59	ng	0.01
23) Nitrobenzene-d5	7.58	82	1438470	99.15	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	710874	171.77	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	2547669	98.58	ng	0.00
78) Terphenyl-d14	13.15	244	2912011	112.43	ng	0.00

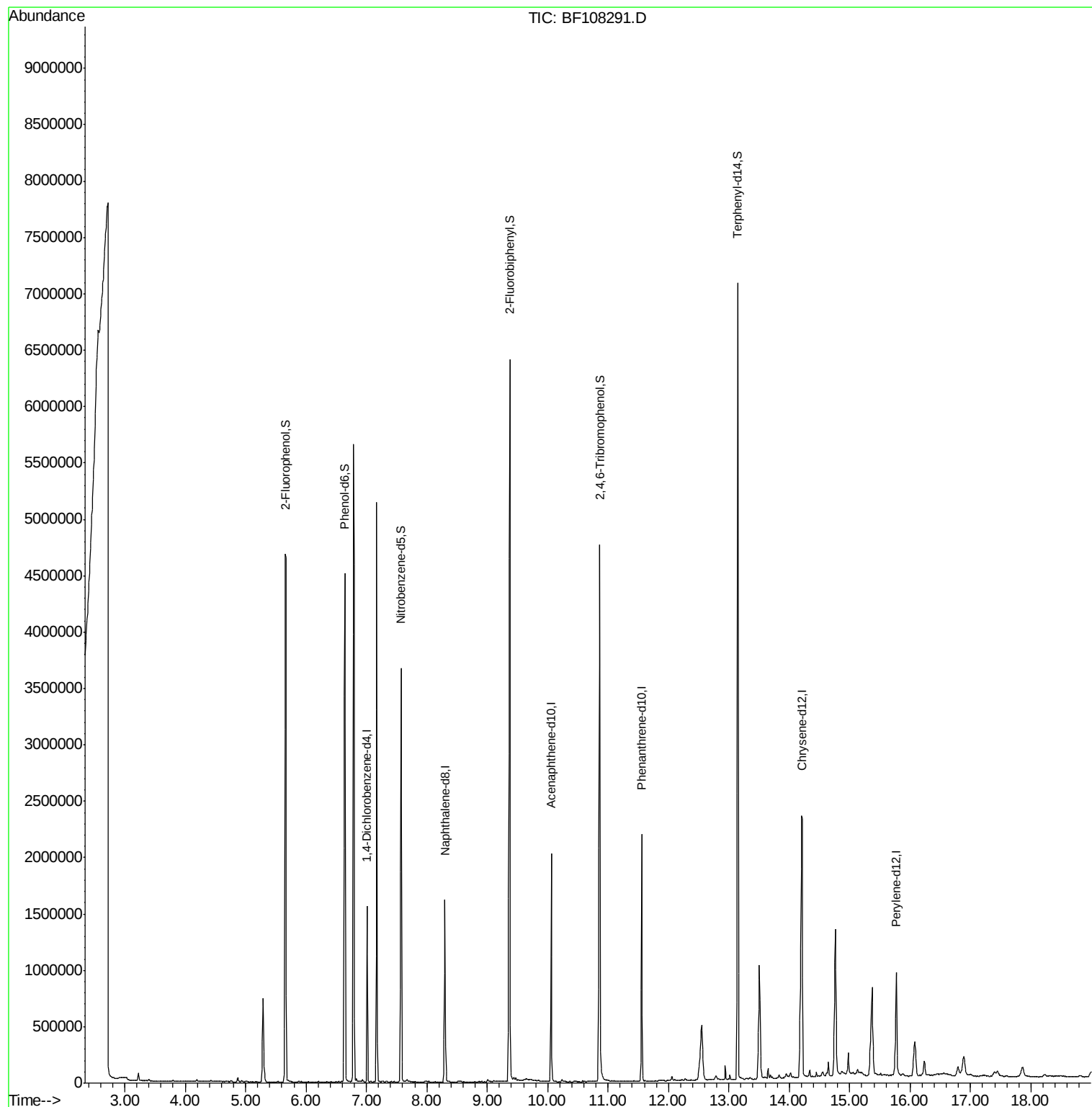
Target Compounds Qvalue

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

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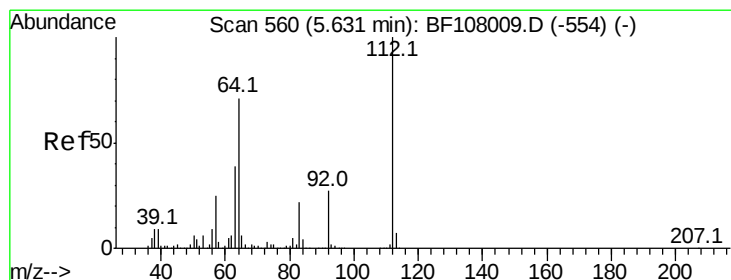
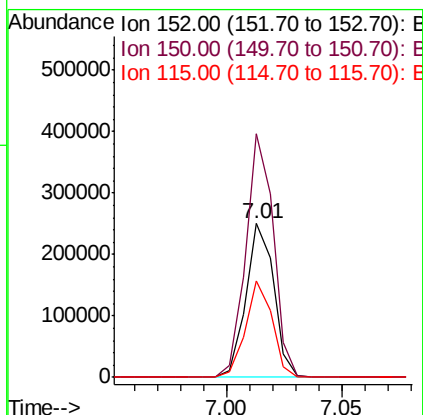
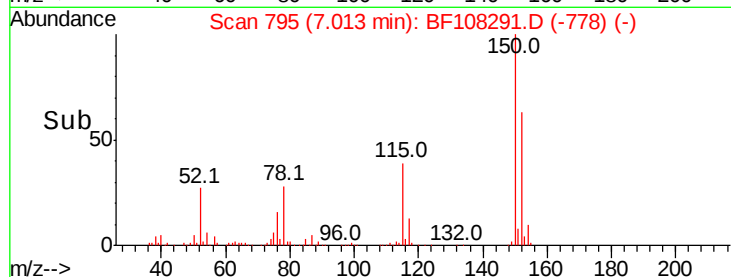
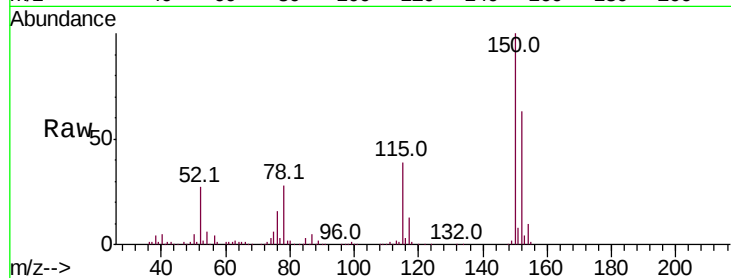


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108291.D
Acq: 20 Aug 2018 15:49

Instrument :
BNA_F
ClientSampleId :
SU-01-081518-B

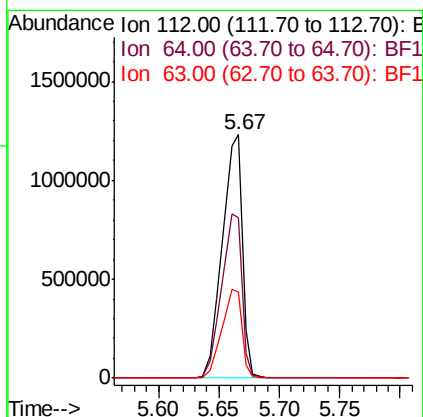
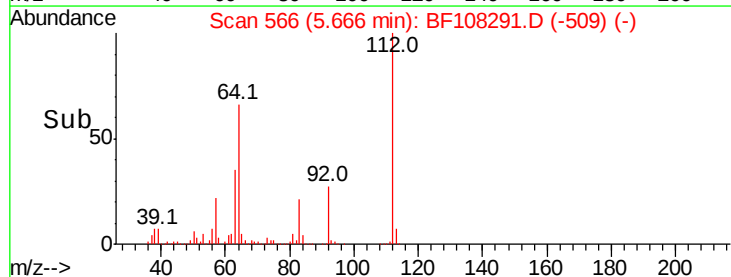
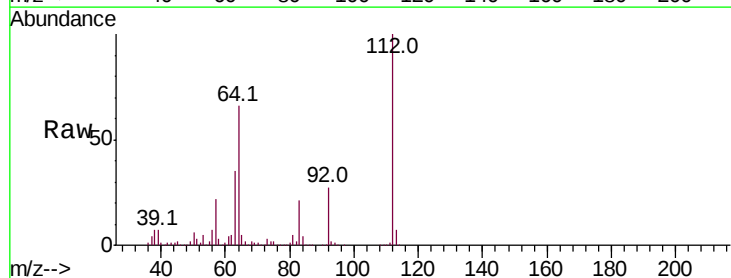
Tot Ion:152 Resp: 211911
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 62.5 50.1 75.1



#5

2-Fluorophenol
Concen: 121.059 ng
RT: 5.67 min Scan# 566
Delta R.T. 0.04 min
Lab File: BF108291.D
Acq: 20 Aug 2018 15:49

Tgt Ion:112 Resp: 1416983
Ion Ratio Lower Upper
112 100
64 66.0 47.9 71.9
63 35.3 23.7 35.5





#7

Phenol-d6

Concen: 109.586 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108291.D

Acq: 20 Aug 2018 15:49

Instrument :

BNA_F

ClientSampleId :

SU-01-081518-B

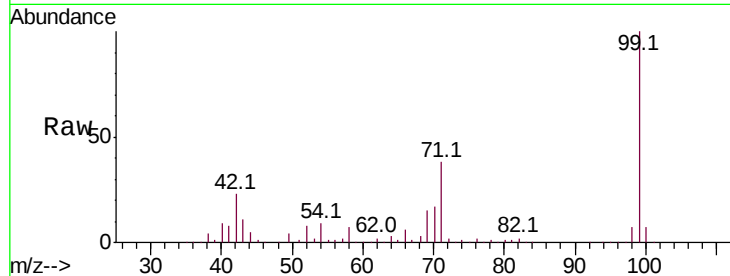
Tot Ion: 99 Resp: 1704517

Ion Ratio Lower Upper

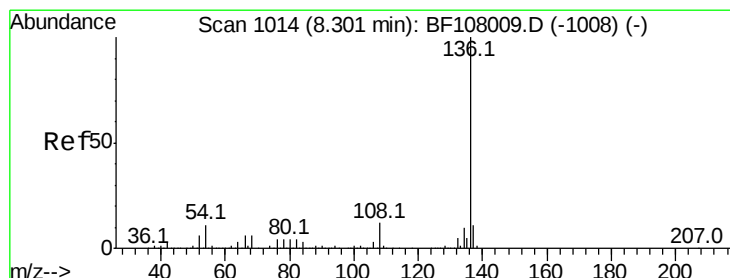
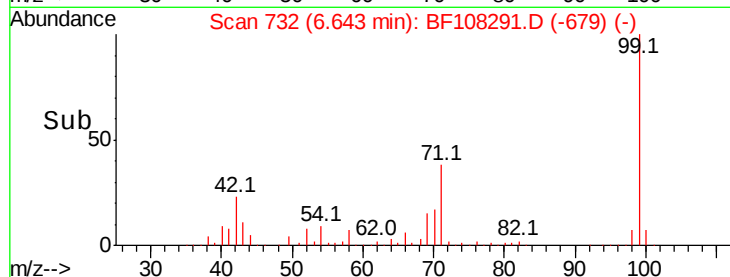
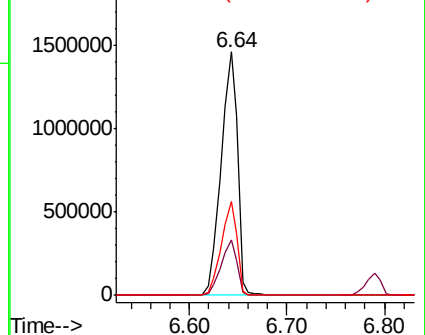
99 100

42 22.9 14.5 21.7#

71 38.5 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000 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: BF108291.D

Acq: 20 Aug 2018 15:49

Tgt Ion:136 Resp: 809536

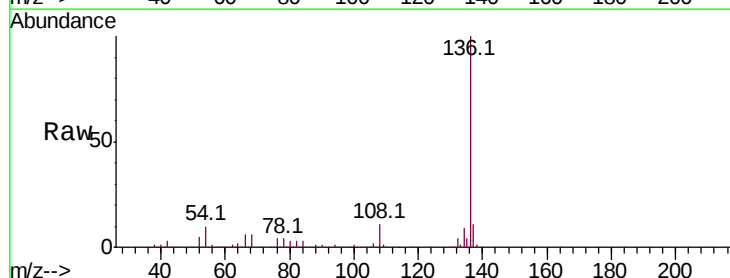
Ion Ratio Lower Upper

136 100

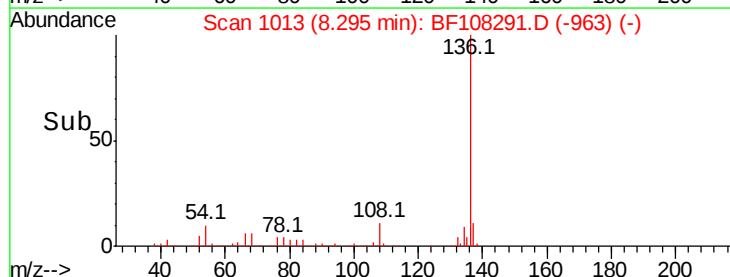
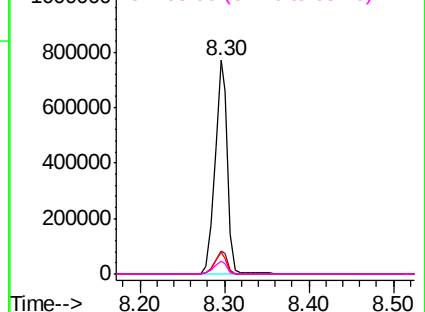
137 11.1 8.9 13.3

54 10.2 6.6 9.8#

68 6.3 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
1200000 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



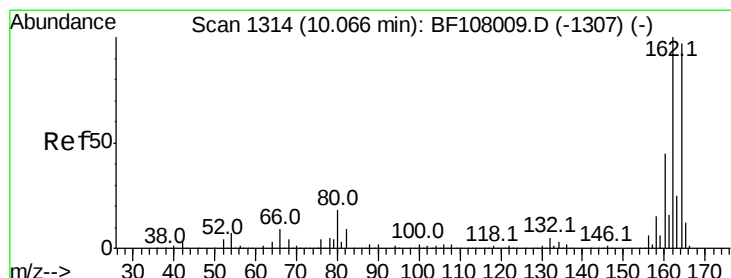
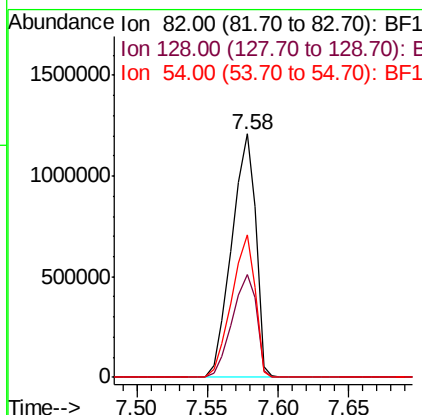
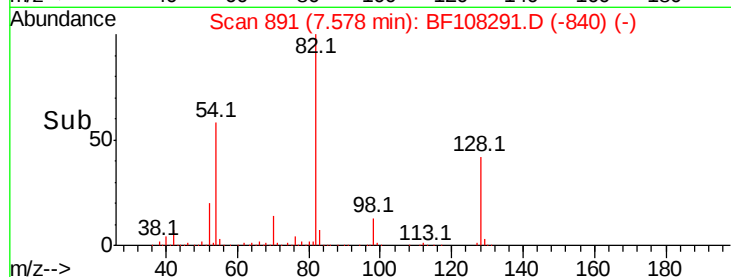
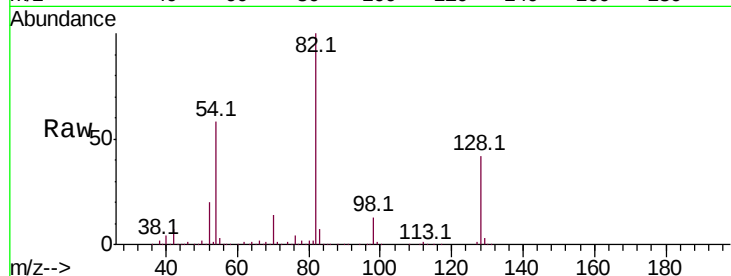


#23
 Nitrobenzene-d5
 Concen: 99.154 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108291.D
 Acq: 20 Aug 2018 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-081518-B

Tot Ion: 82 Resp: 1438470

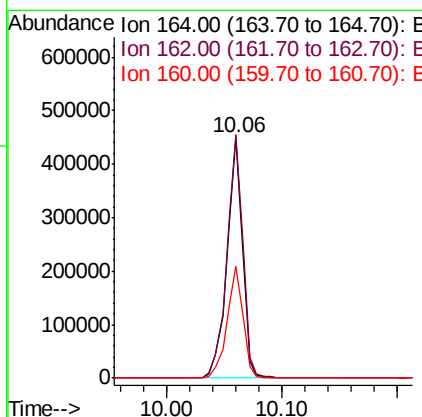
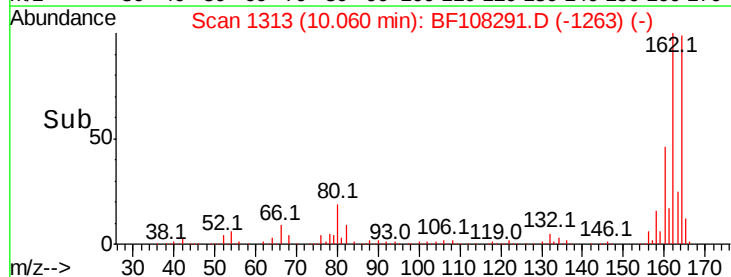
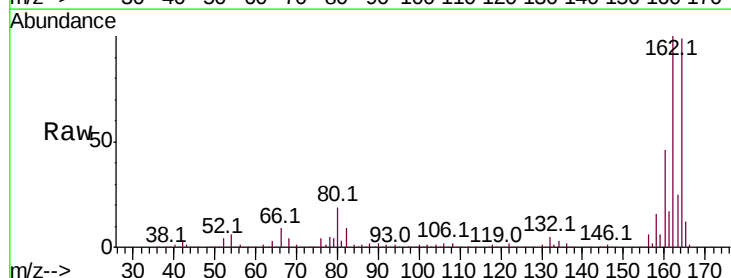
Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	58.5	41.4	62.2

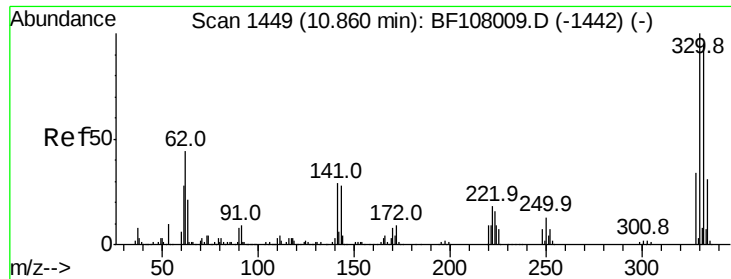


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108291.D
 Acq: 20 Aug 2018 15:49

Tgt Ion: 164 Resp: 414903

Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	46.6	38.3	57.5

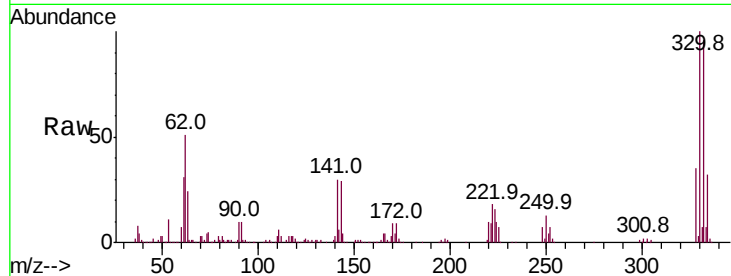




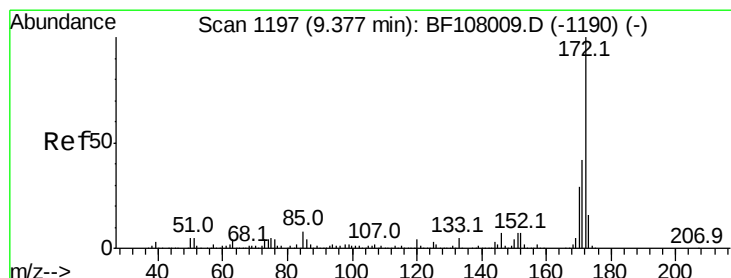
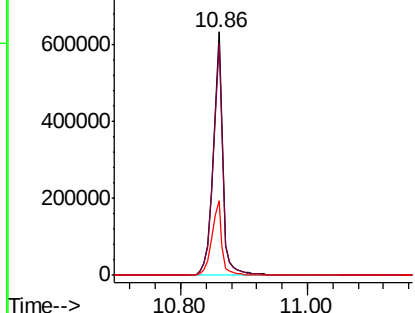
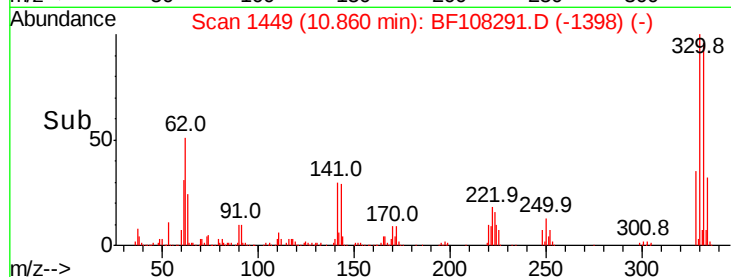
#41
 2,4,6-Tribromophenol
 Concen: 171.769 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108291.D
 Acq: 20 Aug 2018 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-081518-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	31.5	29.9	44.9

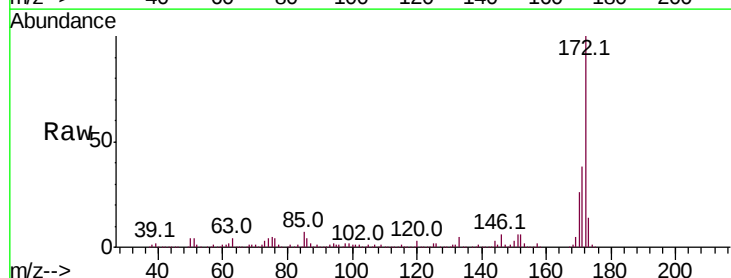


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

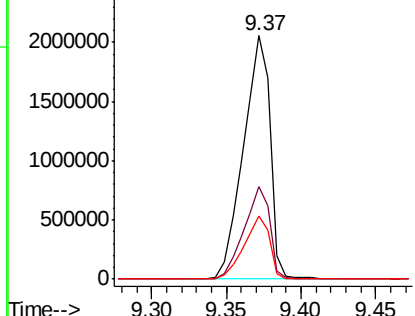
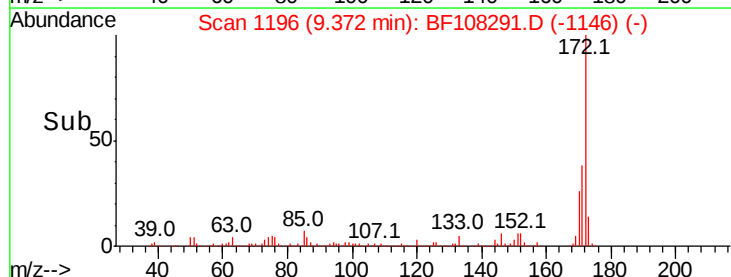


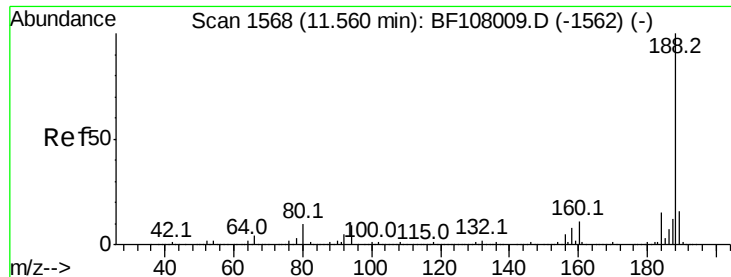
#44
 2-Fluorobiphenyl
 Concen: 98.582 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108291.D
 Acq: 20 Aug 2018 15:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.7	44.5
170	25.8	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

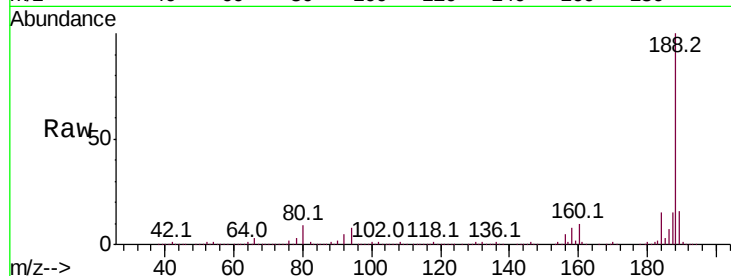




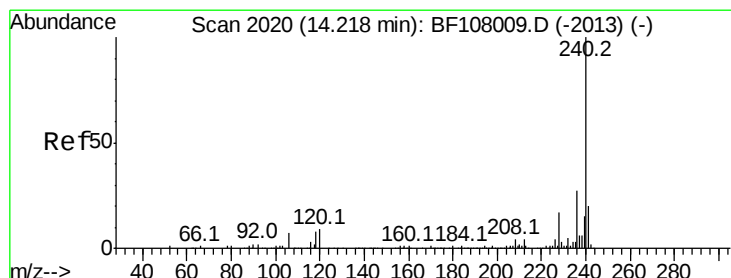
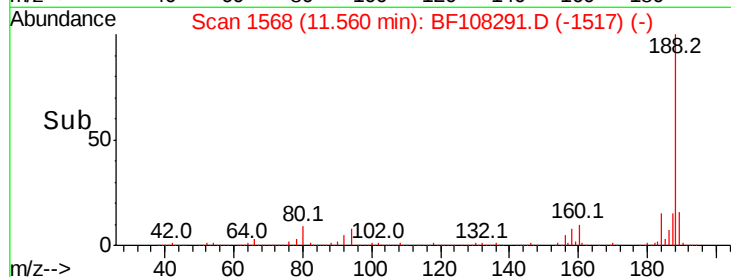
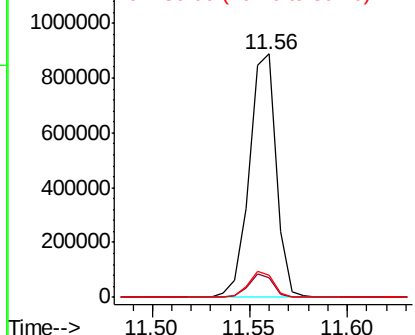
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108291.D
Acq: 20 Aug 2018 15:49

Instrument :
BNA_F
ClientSampleId :
SU-01-081518-B

Tot Ion:188 Resp: 851008
Ion Ratio Lower Upper
188 100
94 8.1 8.5 12.7#
80 9.0 9.2 13.8#

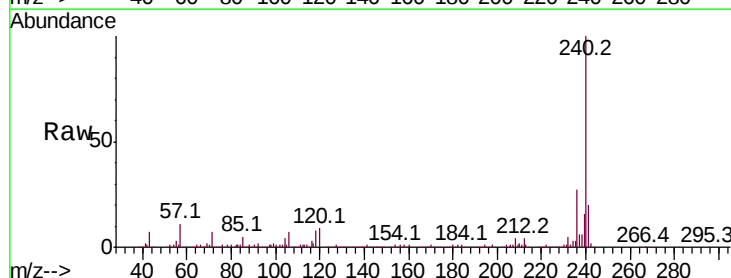


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

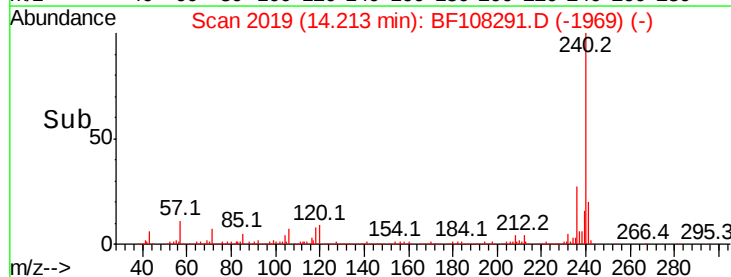
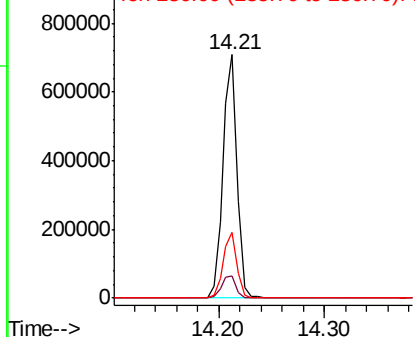


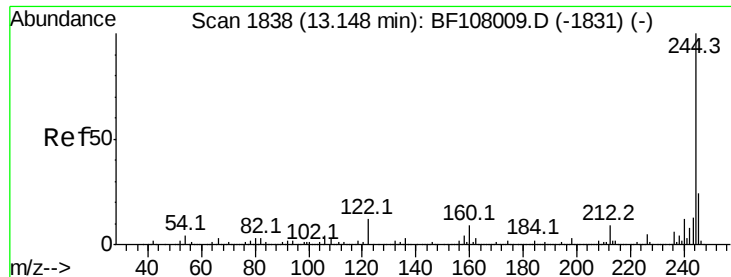
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108291.D
Acq: 20 Aug 2018 15:49

Tgt Ion:240 Resp: 658533
Ion Ratio Lower Upper
240 100
120 9.2 9.5 14.3#
236 27.1 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: 112.432 ng

RT: 13.15 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF108291.D

Acq: 20 Aug 2018 15:49

Instrument :

BNA_F

ClientSampleId :

SU-01-081518-B

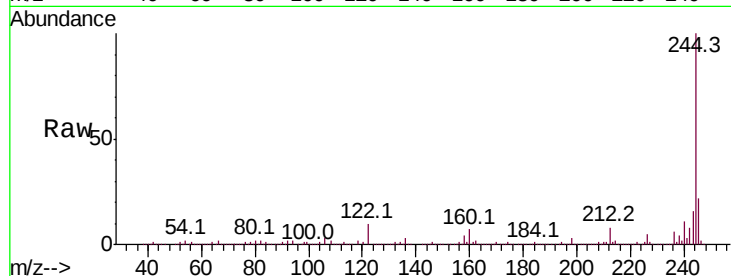
Tot Ion:244 Resp: 2912011

Ion Ratio Lower Upper

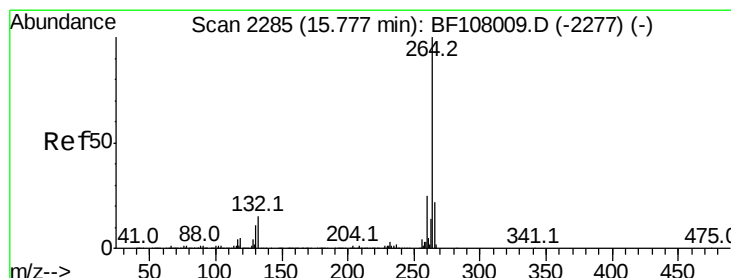
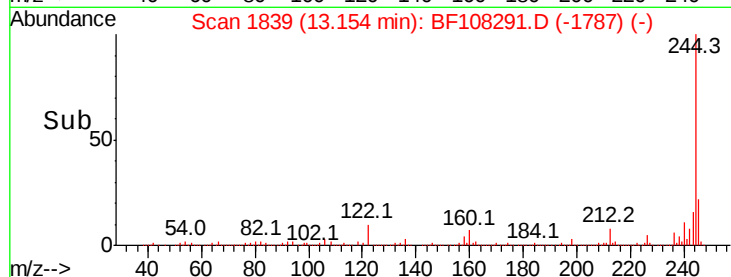
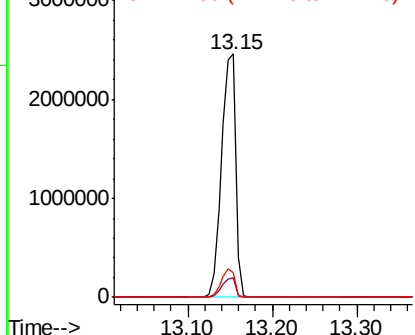
244 100

212 7.9 5.4 8.0

122 10.0 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: 15.78 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BF108291.D

Acq: 20 Aug 2018 15:49

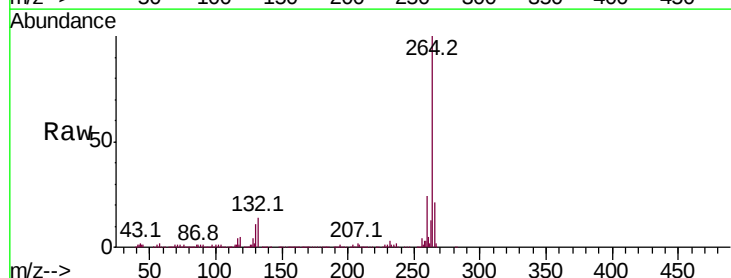
Tgt Ion:264 Resp: 467807

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.1 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

