

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108331.D
 Acq On : 21 Aug 2018 11:43
 Operator : JU/SJ
 Sample : J4521-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT2286

Quant Time: Aug 21 12:18:10 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	159960	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	587832	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	300749	20.00	ng	-0.02
63) Phenanthrene-d10	11.55	188	634261	20.00	ng	-0.01
75) Chrysene-d12	14.20	240	499896	20.00	ng	-0.02
86) Perylene-d12	15.75	264	334138	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1207292	136.64	ng	0.02
7) Phenol-d6	6.64	99	1479692	126.03	ng	0.00
23) Nitrobenzene-d5	7.57	82	1191137	113.07	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	571228	190.42	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2134893	113.97	ng	-0.01
78) Terphenyl-d14	13.14	244	2540848	129.23	ng	0.00

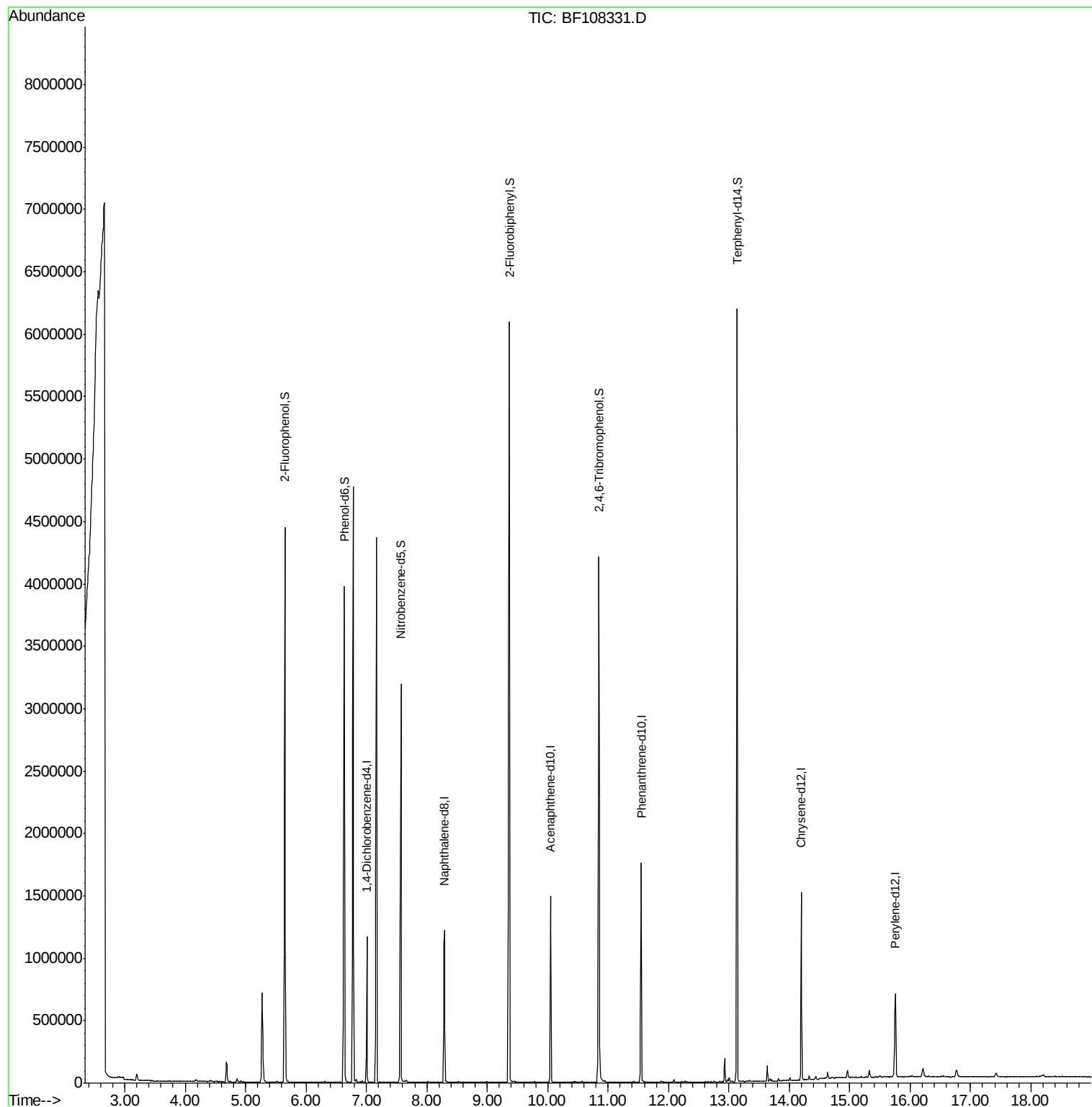
Target Compounds Qvalue

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

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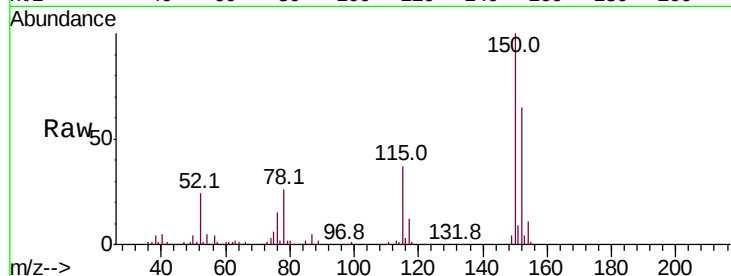


#1

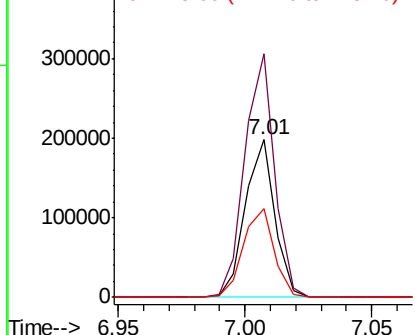
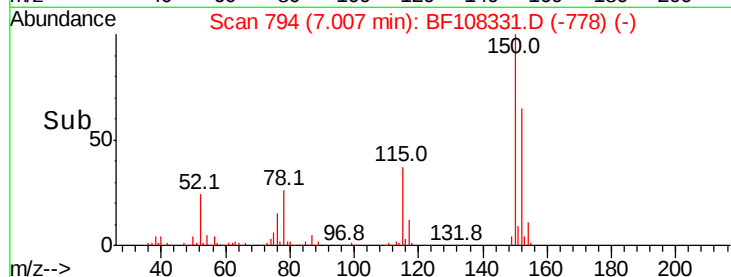
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF108331.D
Acq: 21 Aug 2018 11:43

Instrument :
BNA_F
ClientSampleId :
RT2286

Tot Ion:152 Resp: 159960
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 56.7 50.1 75.1



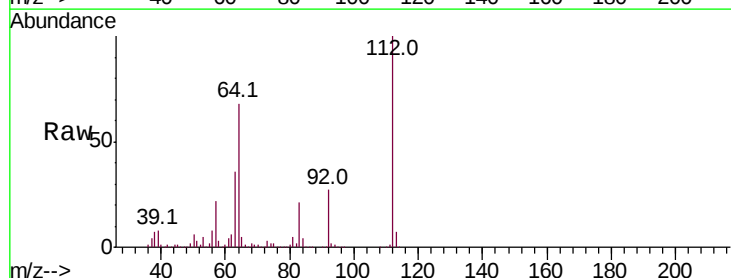
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



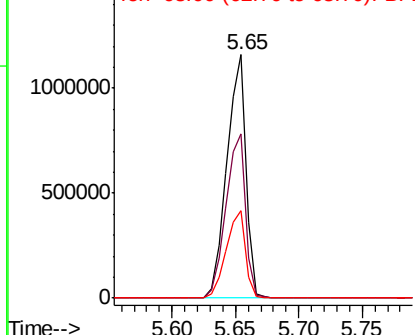
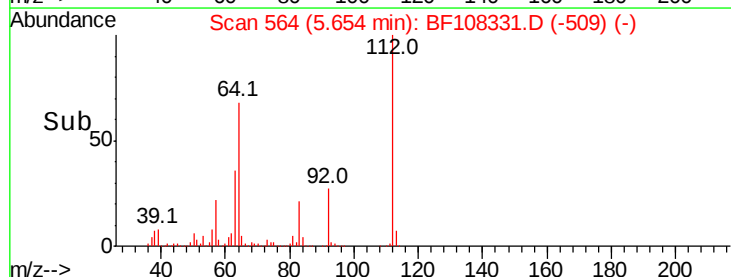
#5

2-Fluorophenol
Concen: 136.643 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108331.D
Acq: 21 Aug 2018 11:43

Tgt Ion:112 Resp: 1207292
Ion Ratio Lower Upper
112 100
64 67.6 47.9 71.9
63 35.7 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: 126.028 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108331.D

Acq: 21 Aug 2018 11:43

Instrument :

BNA_F

ClientSampleId :

RT2286

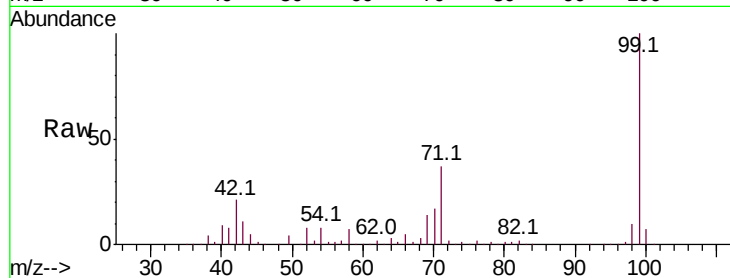
Tot Ion: 99 Resp: 1479692

Ion Ratio Lower Upper

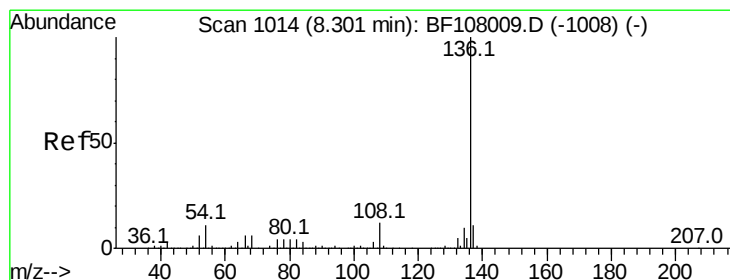
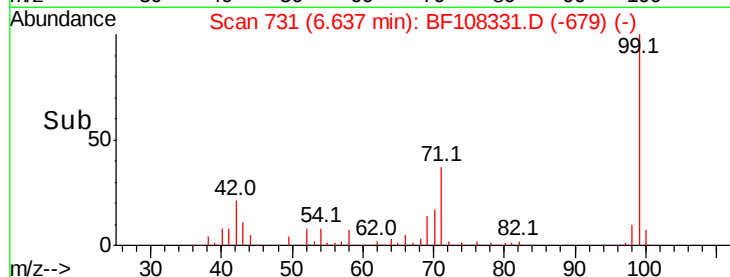
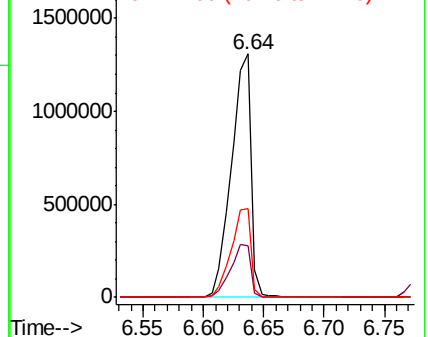
99 100

42 21.1 14.5 21.7

71 36.6 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# 1012

Delta R.T. -0.01 min

Lab File: BF108331.D

Acq: 21 Aug 2018 11:43

Tgt Ion: 136 Resp: 587832

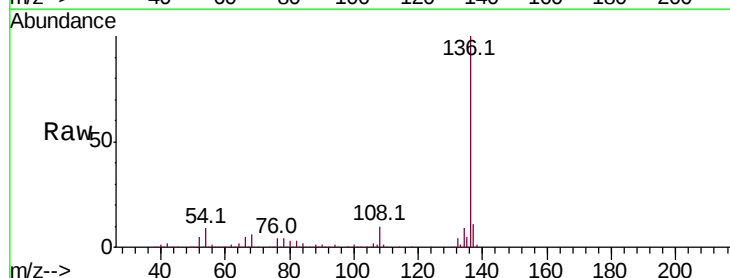
Ion Ratio Lower Upper

136 100

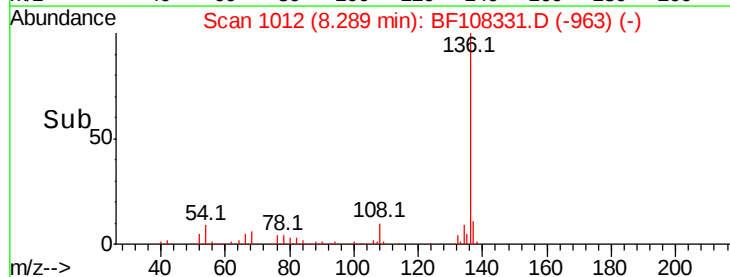
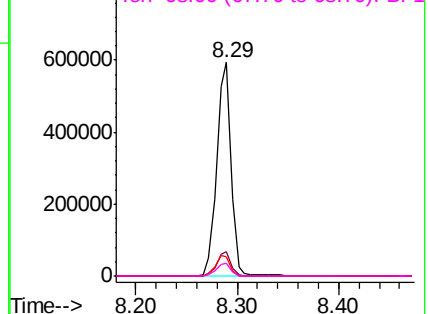
137 11.3 8.9 13.3

54 9.0 6.6 9.8

68 5.8 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: 113.072 ng

RT: 7.57 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF108331.D

Acq: 21 Aug 2018 11:43

Instrument :

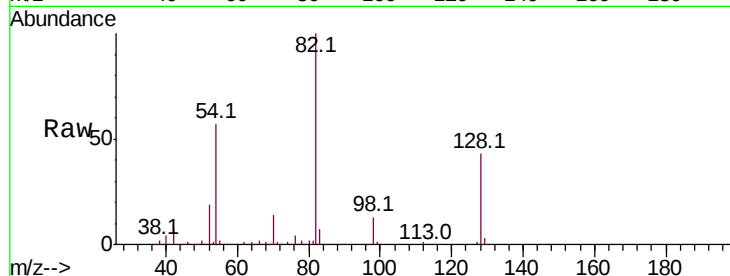
BNA_F

ClientSampleId :

RT2286

Tot Ion: 82 Resp: 1191137

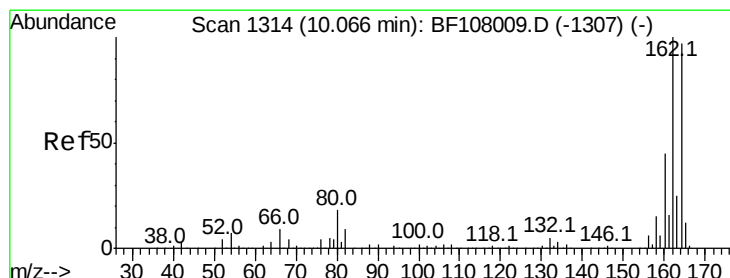
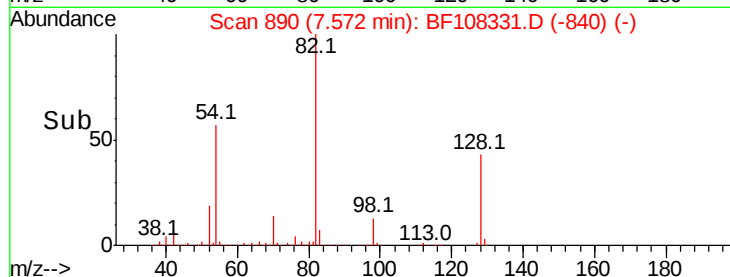
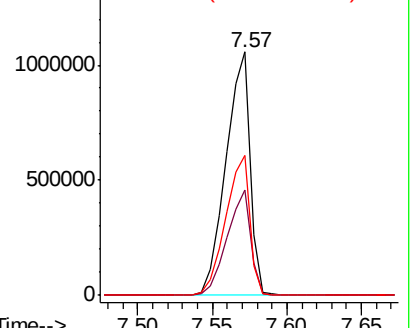
Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	57.5	41.4	62.2



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: 10.05 min Scan# 1311

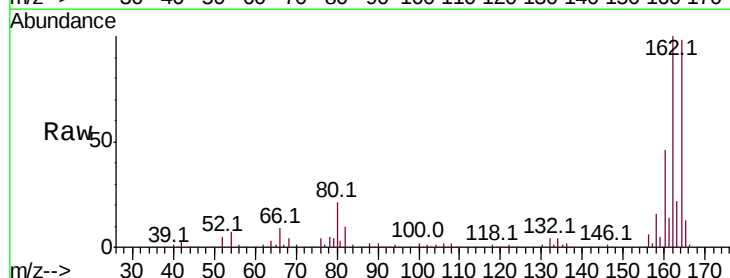
Delta R.T. -0.02 min

Lab File: BF108331.D

Acq: 21 Aug 2018 11:43

Tgt Ion:164 Resp: 300749

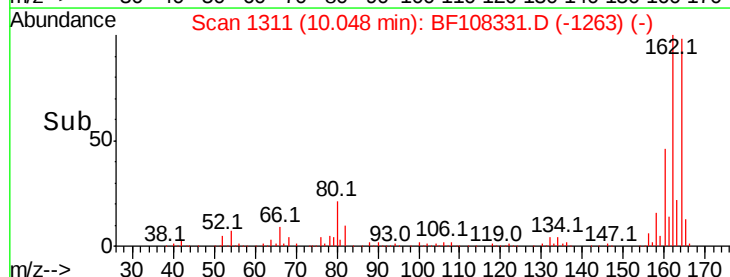
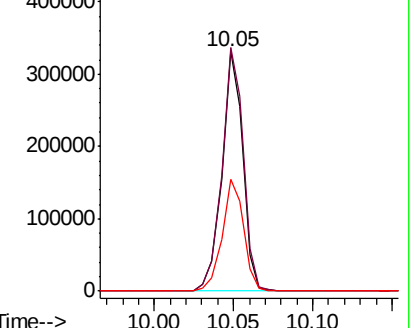
Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	46.8	38.3	57.5



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

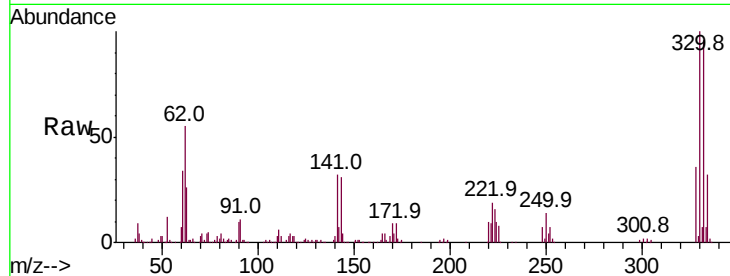




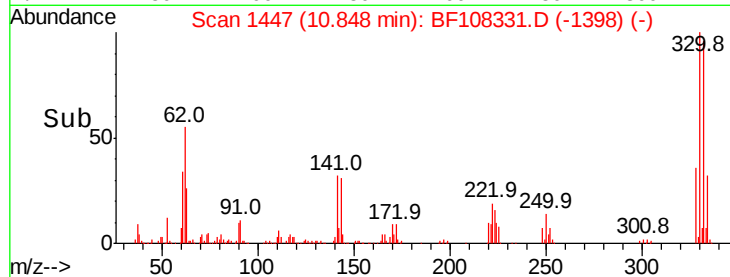
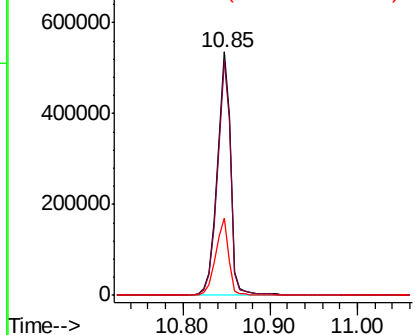
#41
 2,4,6-Tribromophenol
 Concen: 190.416 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF108331.D
 Acq: 21 Aug 2018 11:43

Instrument :
 BNA_F
 ClientSampleId :
 RT2286

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	31.3	29.9	44.9

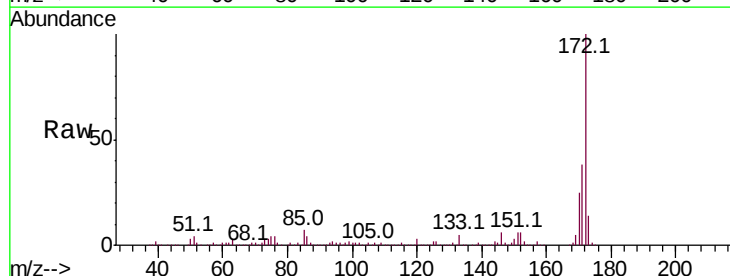


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

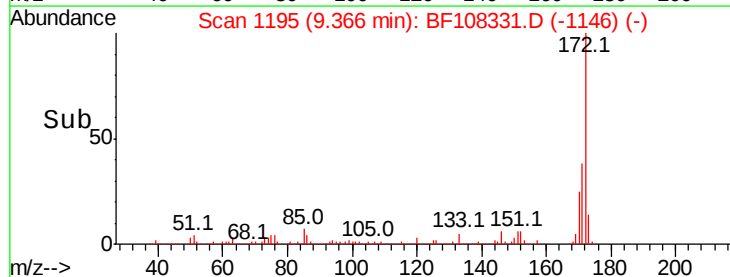
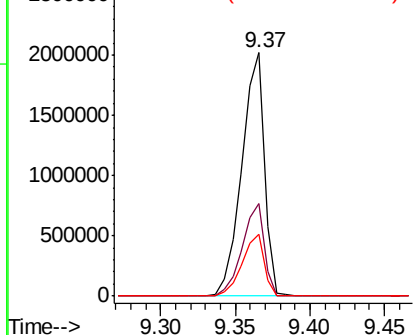


#44
 2-Fluorobiphenyl
 Concen: 113.966 ng
 RT: 9.37 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF108331.D
 Acq: 21 Aug 2018 11:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.7	44.5
170	25.3	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

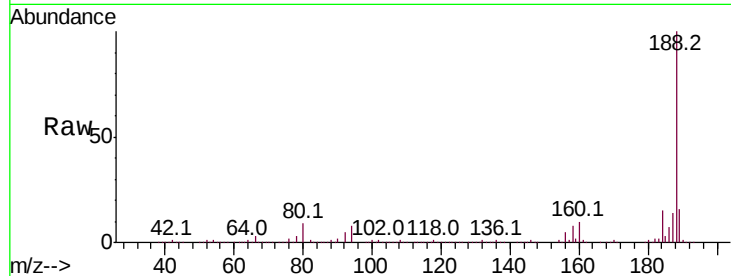




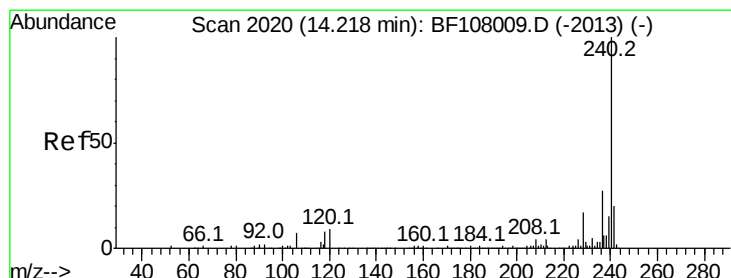
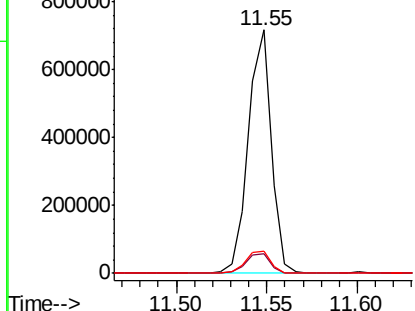
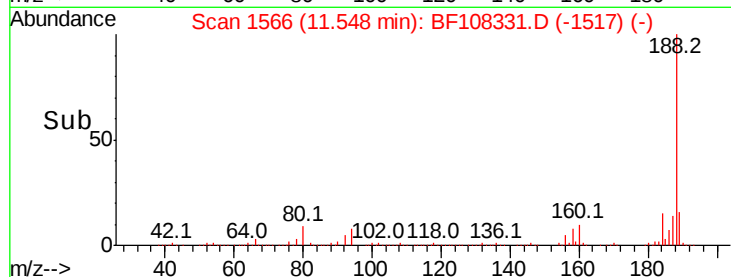
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF108331.D
Acq: 21 Aug 2018 11:43

Instrument :
BNA_F
ClientSampled :
RT2286

Tot Ion:188 Resp: 634261
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 9.3 9.2 13.8

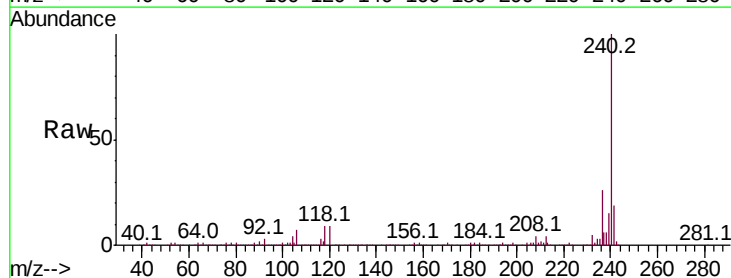


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

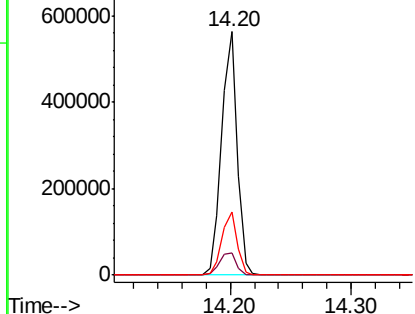
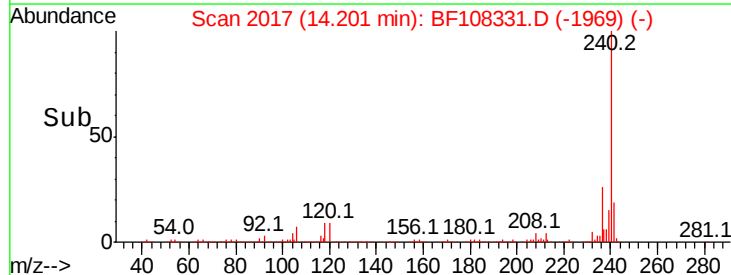


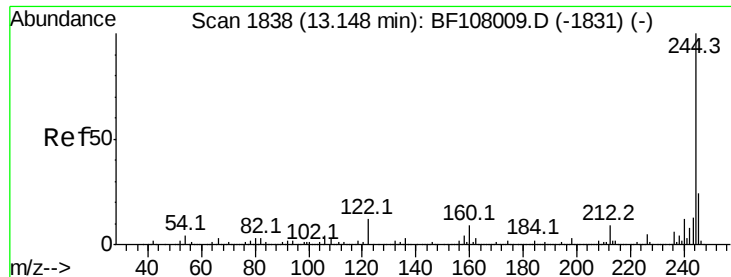
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF108331.D
Acq: 21 Aug 2018 11:43

Tgt Ion:240 Resp: 499896
Ion Ratio Lower Upper
240 100
120 9.3 9.5 14.3#
236 25.8 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: 129.232 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108331.D

Acq: 21 Aug 2018 11:43

Instrument :

BNA_F

ClientSampleId :

RT2286

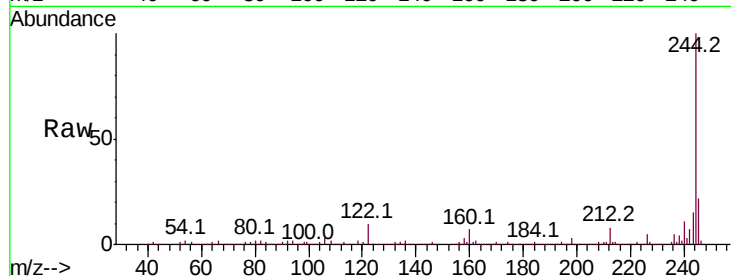
Tot Ion:244 Resp: 2540848

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.0

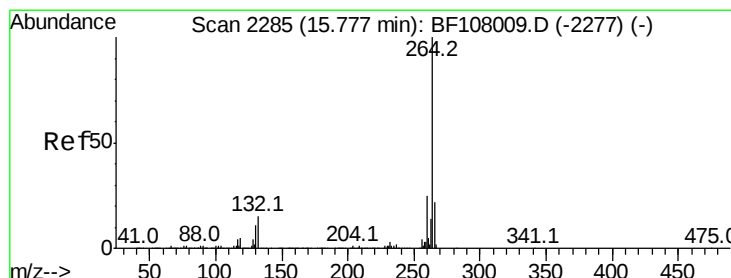
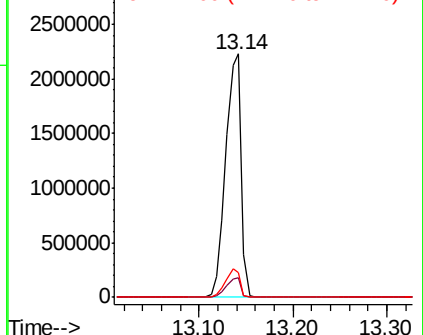
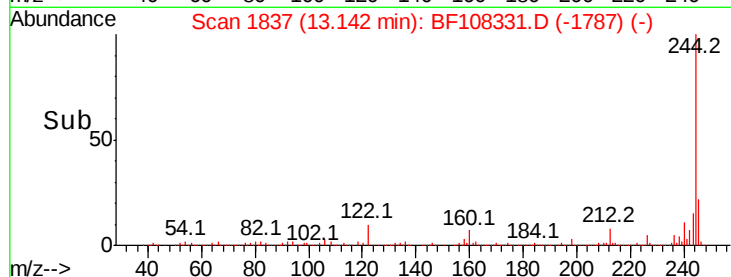
122 9.9 11.0 16.4#



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: 15.75 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BF108331.D

Acq: 21 Aug 2018 11:43

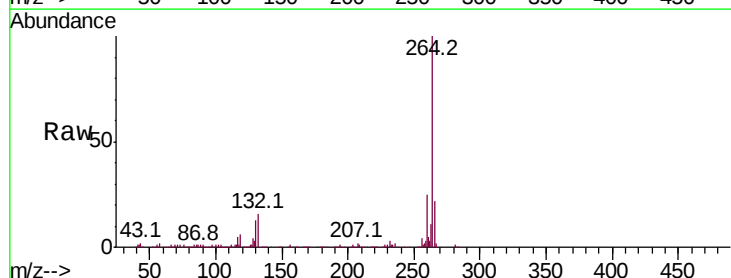
Tgt Ion:264 Resp: 334138

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.9 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

