

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
 Data File : BF108156.D
 Acq On : 14 Aug 2018 20:23
 Operator : JU/SJ
 Sample : J4431-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Quant Time: Aug 15 11:38:31 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	7.02	152	179225	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	605589	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	255836	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	474934	20.00	ng	0.00
75) Chrysene-d12	14.21	240	444769	20.00	ng	0.00
86) Perylene-d12	15.78	264	278950	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	590885	59.69	ng	0.02
7) Phenol-d6	6.63	99	466859	35.49	ng	0.00
23) Nitrobenzene-d5	7.58	82	1064646	98.10	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	354977	139.10	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1701321	106.76	ng	0.00
78) Terphenyl-d14	13.15	244	1850052	105.76	ng	0.00

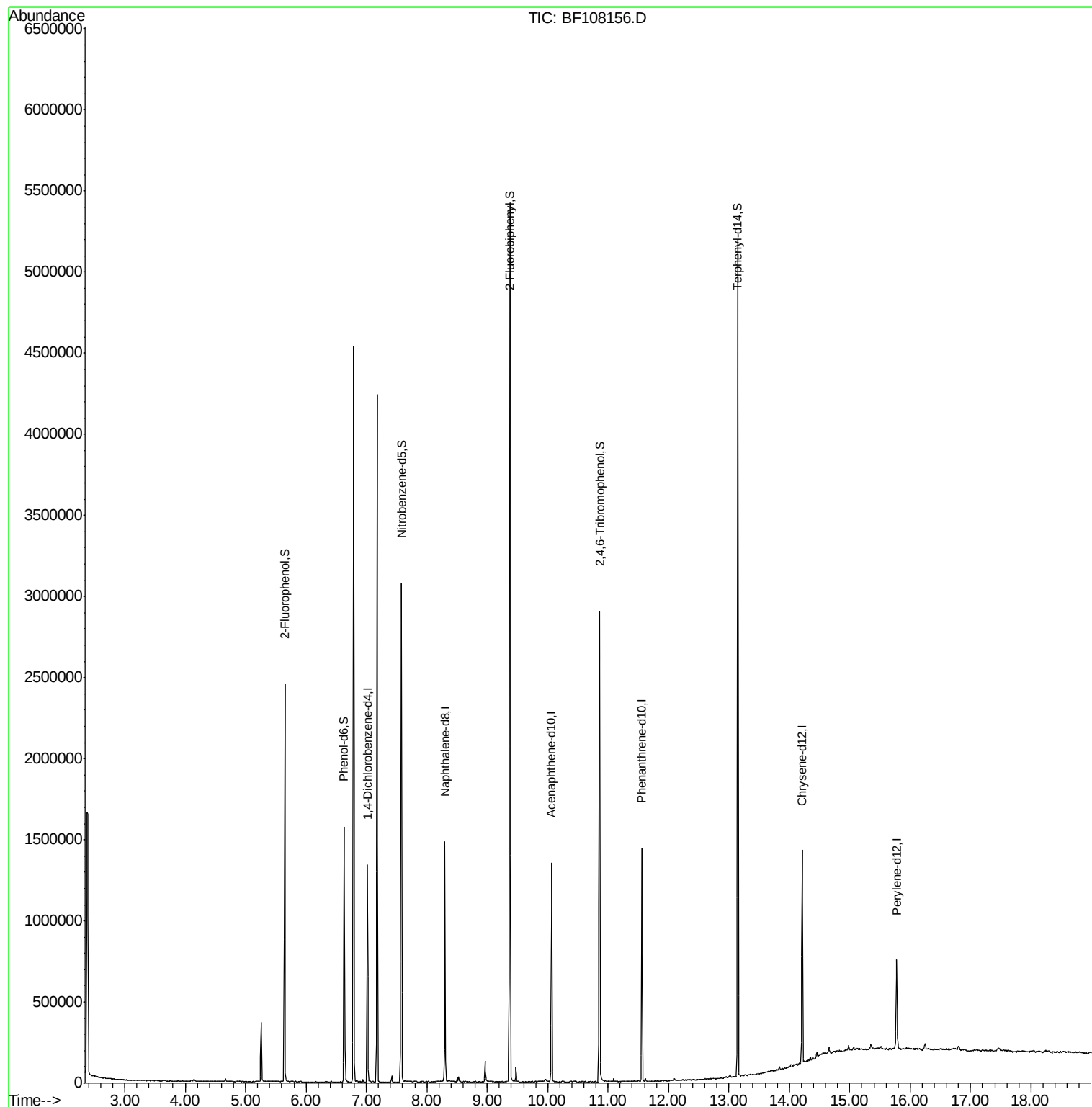
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
Data File : BF108156.D
Acq On : 14 Aug 2018 20:23
Operator : JU/SJ
Sample : J4431-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Quant Time: Aug 15 11:38:31 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



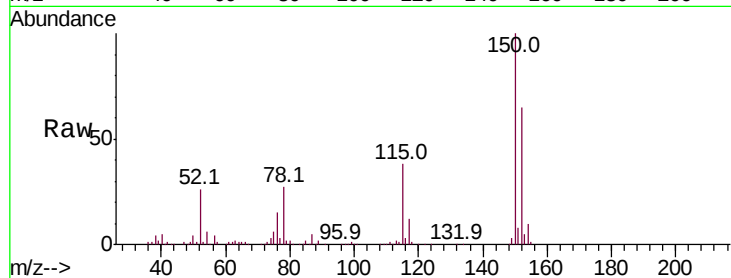


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108156.D
Acq: 14 Aug 2018 20:23

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	57.8	50.1	75.1

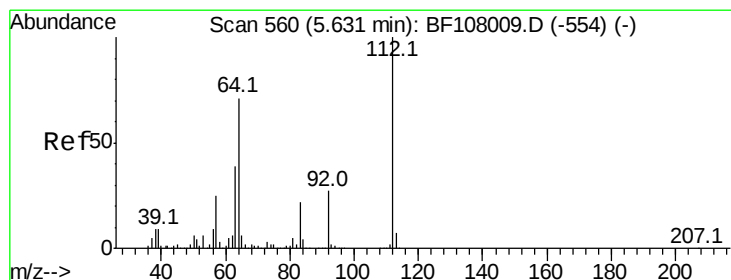
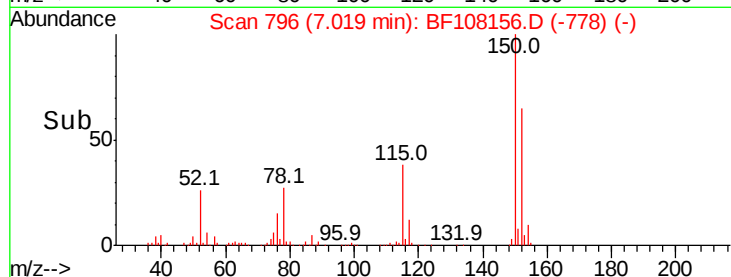
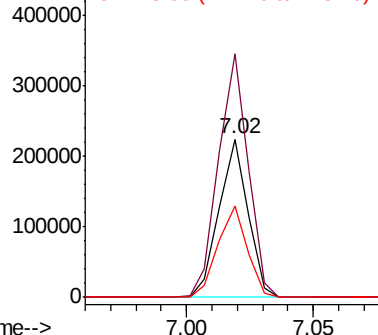


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

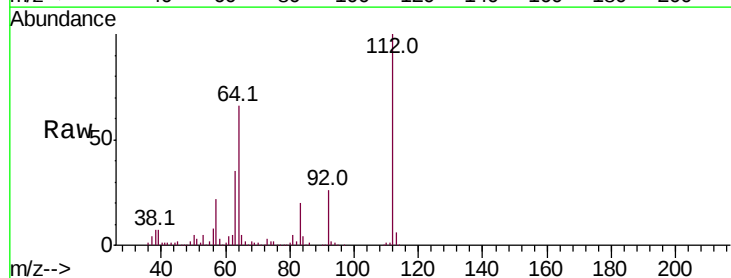
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 59.689 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108156.D
Acq: 14 Aug 2018 20:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	47.9	71.9
63	34.9	23.7	35.5

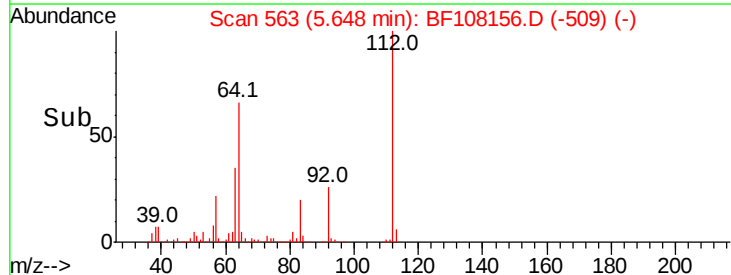
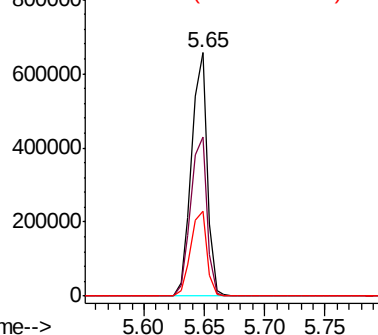


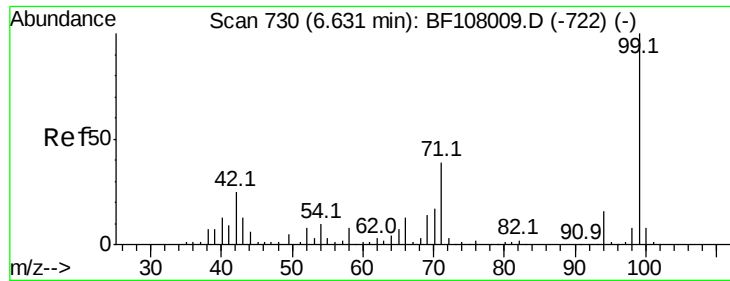
Abundance

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: 35.489 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108156.D

Acq: 14 Aug 2018 20:23

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

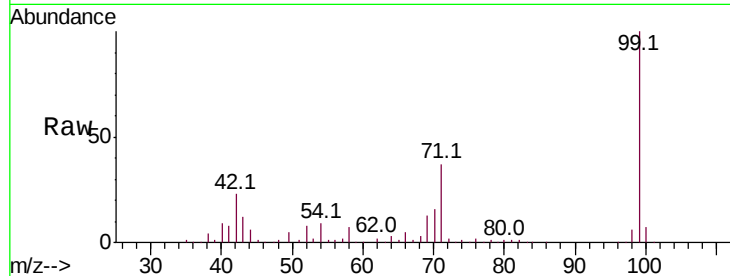
Tot Ion: 99 Resp: 466859

Ion Ratio Lower Upper

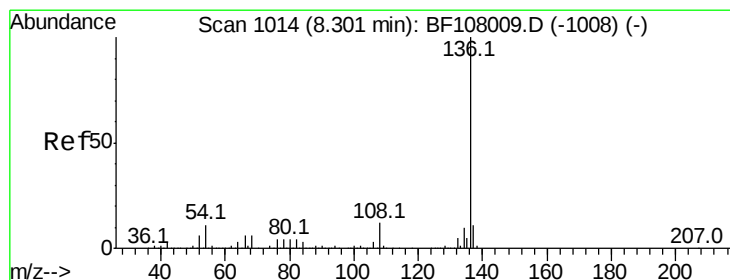
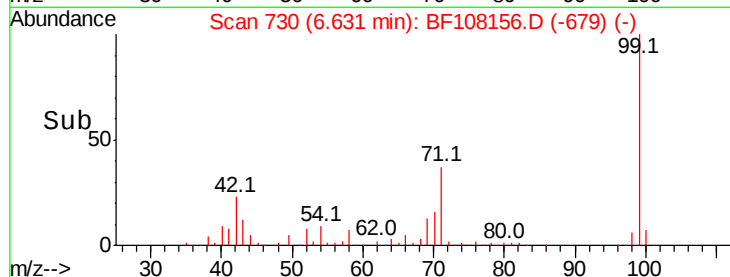
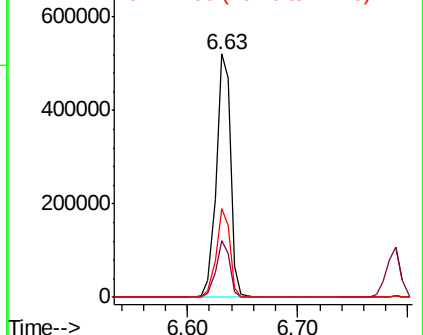
99 100

42 23.2 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: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108156.D

Acq: 14 Aug 2018 20:23

Tgt Ion: 136 Resp: 605589

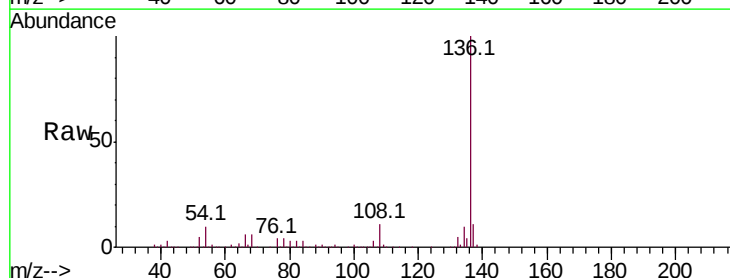
Ion Ratio Lower Upper

136 100

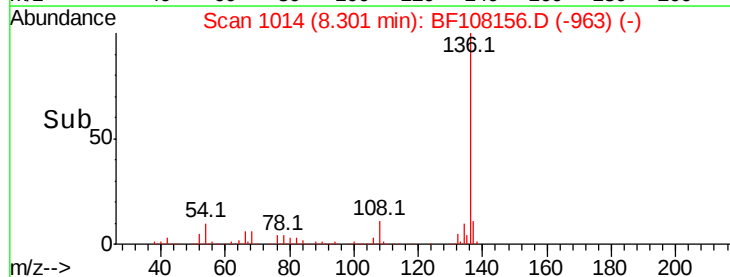
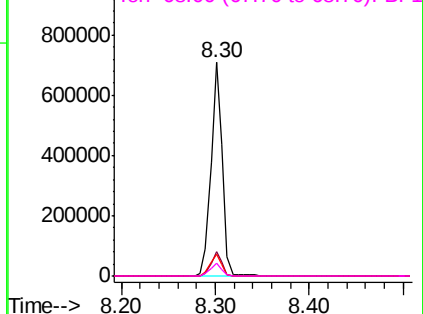
137 11.3 8.9 13.3

54 10.5 6.6 9.8#

68 6.2 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

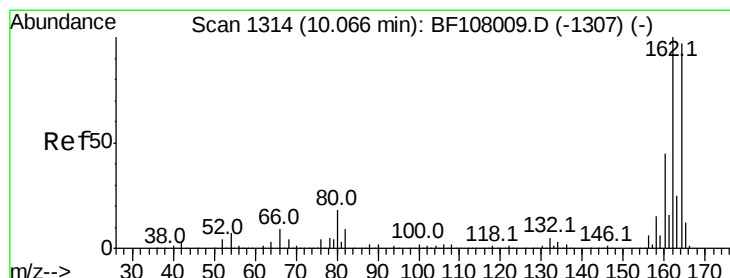
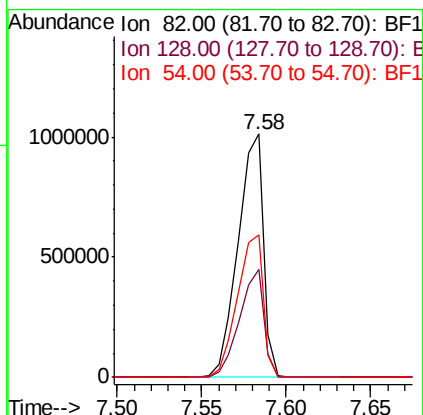
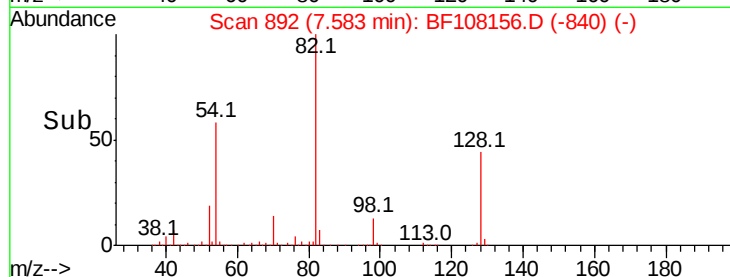
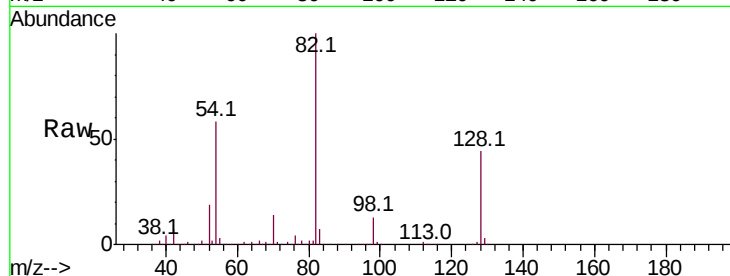




#23
 Nitrobenzene-d5
 Concen: 98.101 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108156.D
 Acq: 14 Aug 2018 20:23

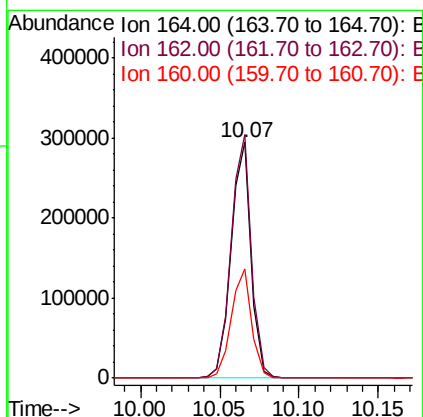
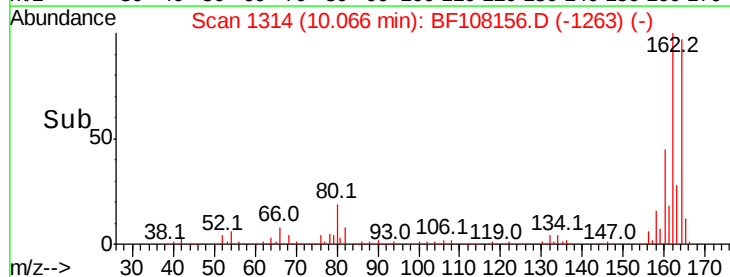
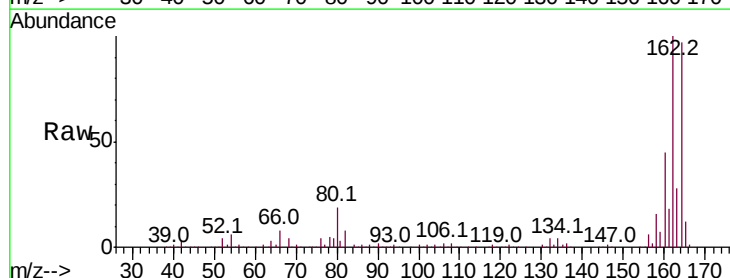
Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Tot Ion: 82 Resp: 1064646
 Ion Ratio Lower Upper
 82 100
 128 44.1 36.1 54.1
 54 58.3 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF108156.D
 Acq: 14 Aug 2018 20:23

Tgt Ion: 164 Resp: 255836
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 46.3 38.3 57.5

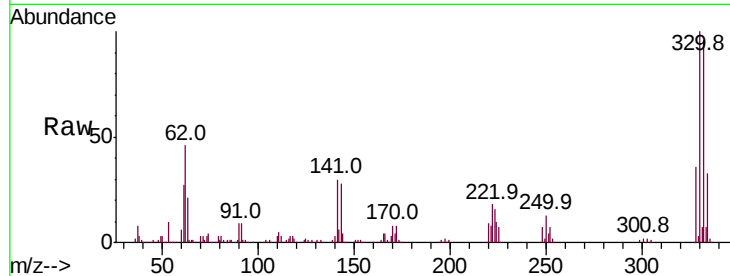




#41
 2,4,6-Tribromophenol
 Concen: 139.103 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108156.D
 Acq: 14 Aug 2018 20:23

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	33.0	29.9	44.9

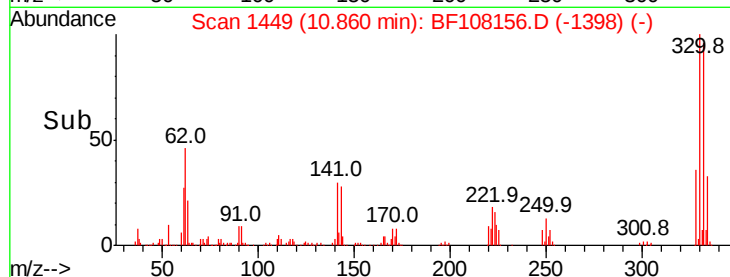
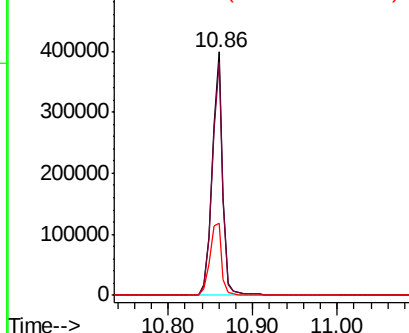


Abundance

Ion 329.80 (329.50 to 330.50): E

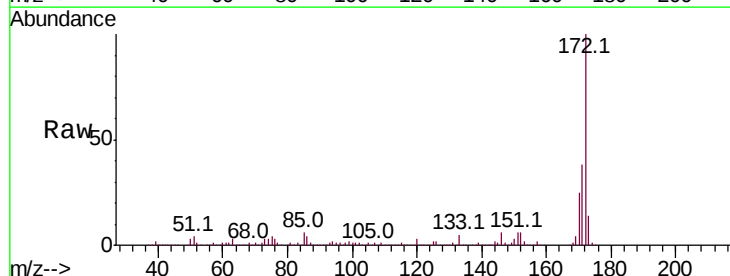
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 106.764 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108156.D
 Acq: 14 Aug 2018 20:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	25.2	19.6	29.4

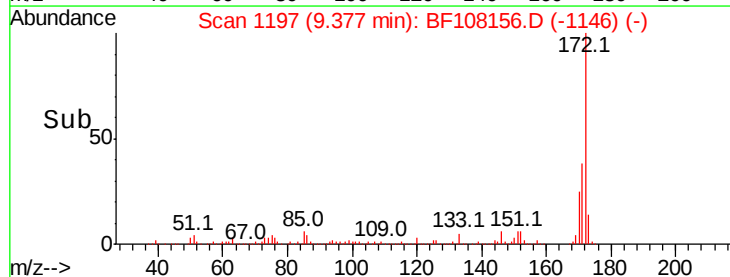
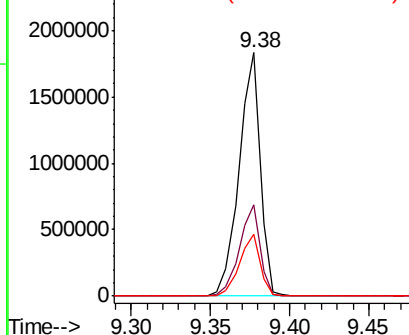


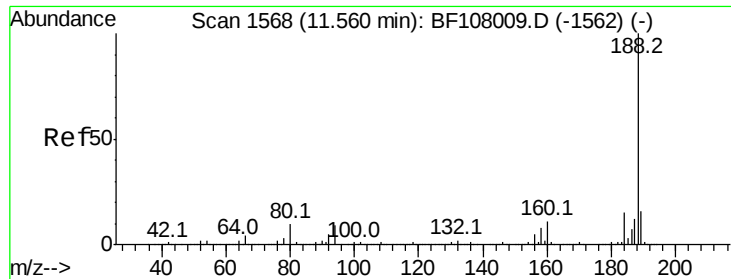
Abundance

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

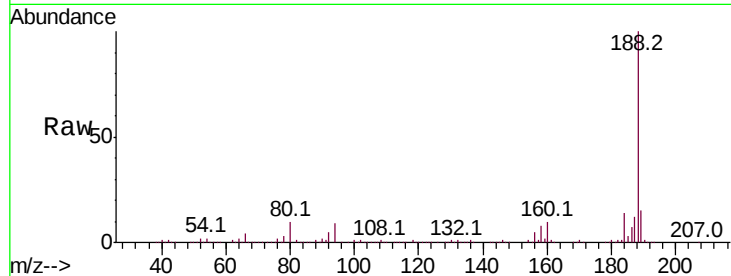




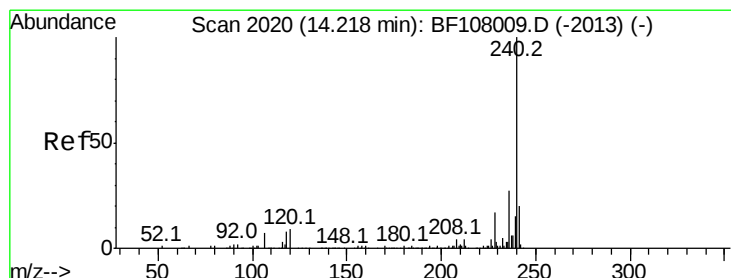
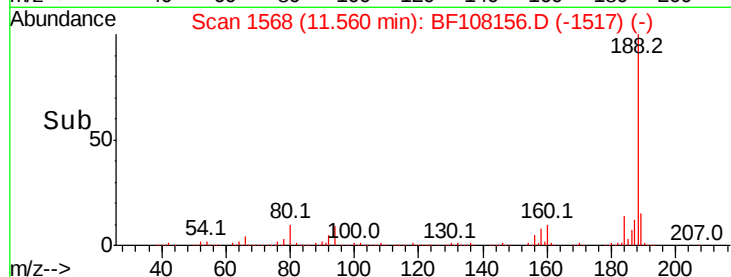
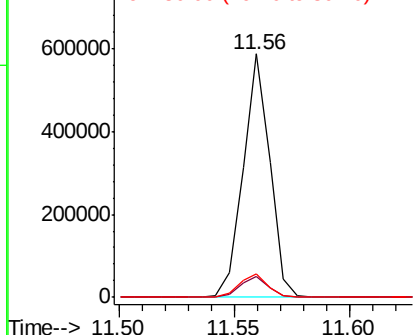
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108156.D
Acq: 14 Aug 2018 20:23

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Tot Ion:188 Resp: 474934
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.9 9.2 13.8

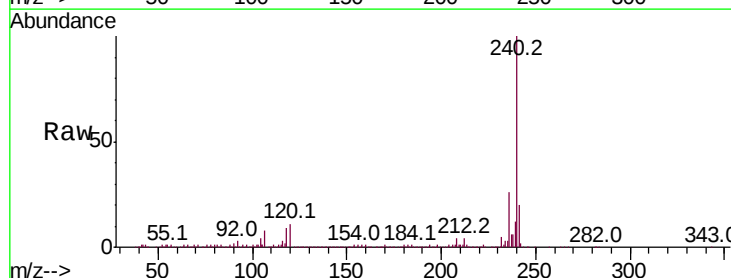


Abundance Ion 188.00 (187.70 to 188.70): E
800000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

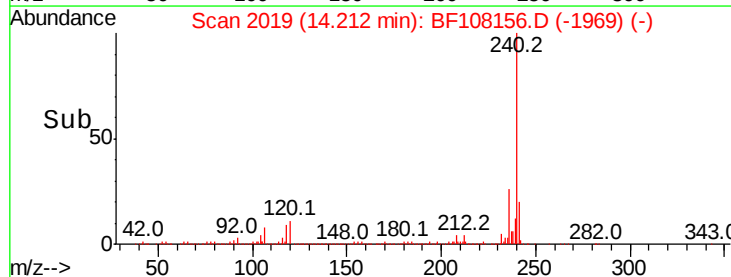
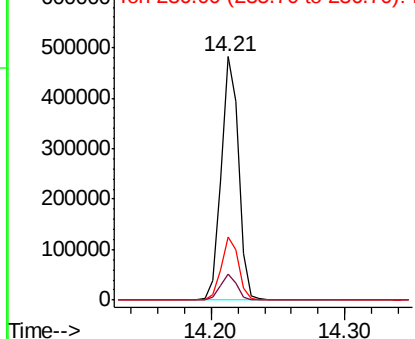


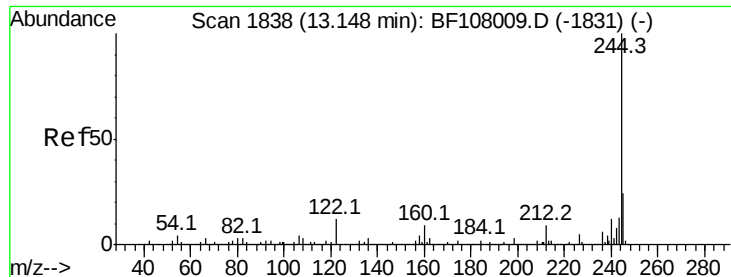
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108156.D
Acq: 14 Aug 2018 20:23

Tgt Ion:240 Resp: 444769
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
600000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 105.760 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108156.D

Acq: 14 Aug 2018 20:23

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

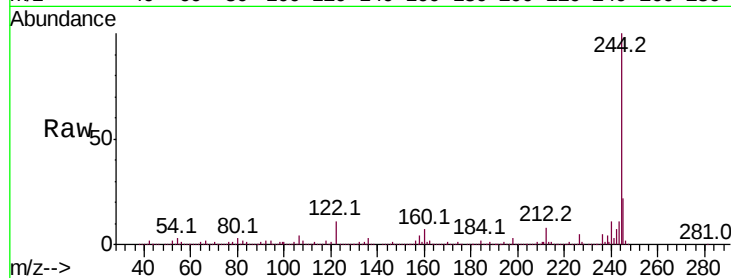
Tot Ion:244 Resp: 1850052

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.0

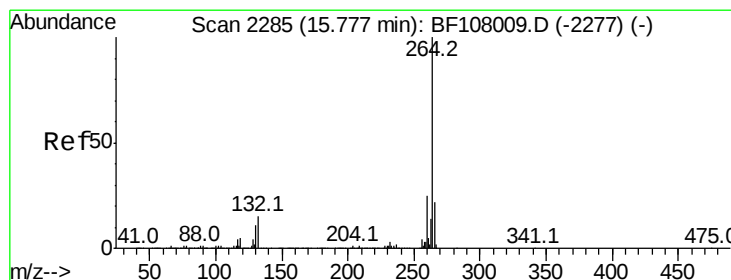
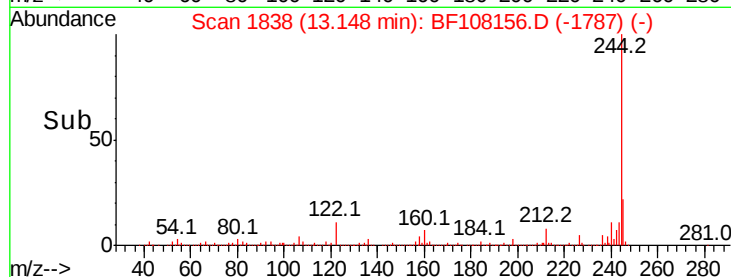
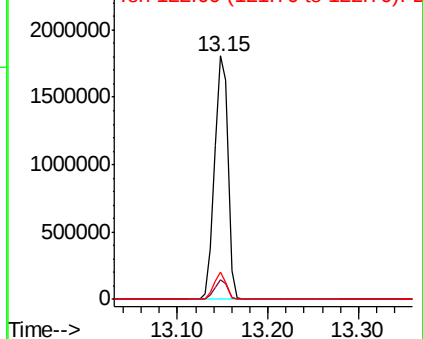
122 11.4 11.0 16.4



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: BF108156.D

Acq: 14 Aug 2018 20:23

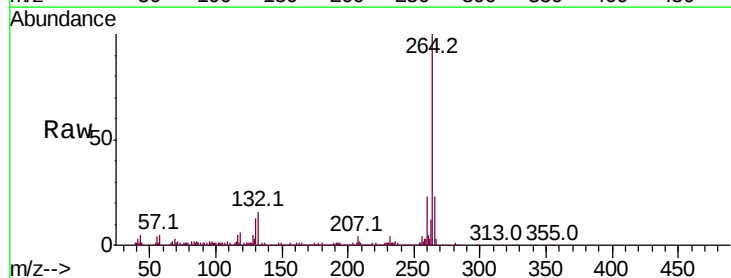
Tgt Ion:264 Resp: 278950

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 22.5 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

