

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108382.D
 Acq On : 22 Aug 2018 14:49
 Operator : JU/SJ
 Sample : PB112238BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112238BL

Quant Time: Aug 22 16:34:28 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 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	166162	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	631485	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	332799	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	691843	20.00	ng	0.00
75) Chrysene-d12	14.19	240	436779	20.00	ng	0.00
86) Perylene-d12	15.75	264	312833	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	1177477	128.29	ng	0.01
7) Phenol-d6	6.62	99	1568824	128.63	ng	0.00
23) Nitrobenzene-d5	7.57	82	1066712	94.26	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	529141	159.40	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	2062470	99.50	ng	0.00
78) Terphenyl-d14	13.13	244	2227729	129.68	ng	0.00

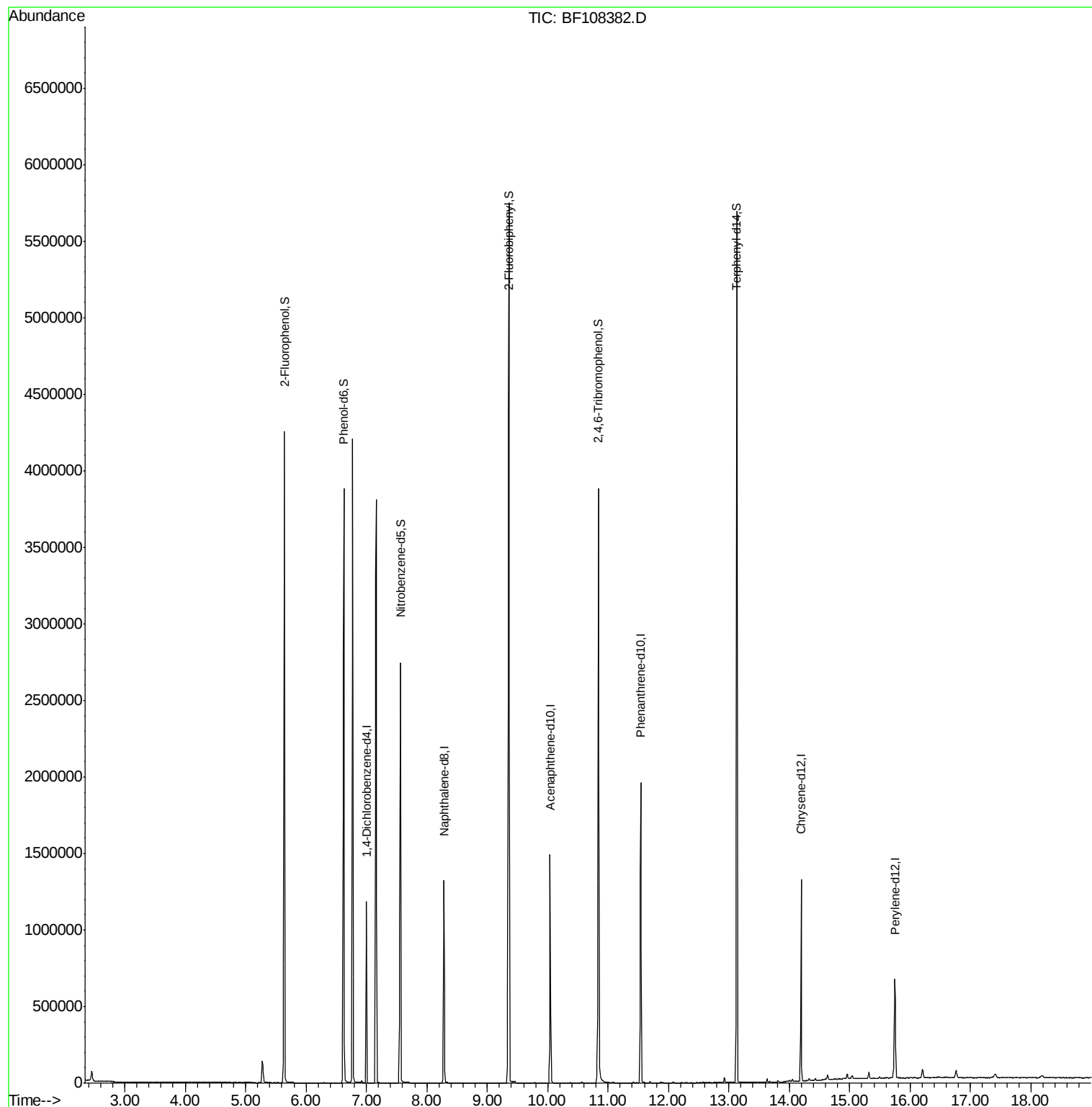
Target Compounds Qvalue

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

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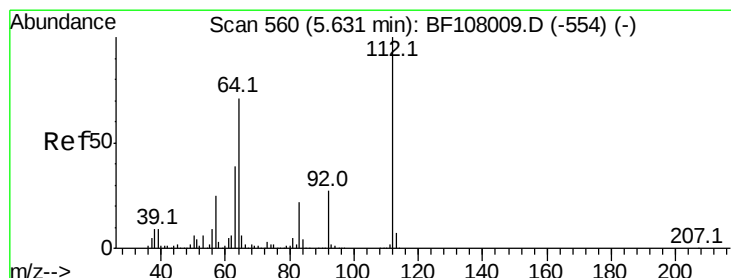
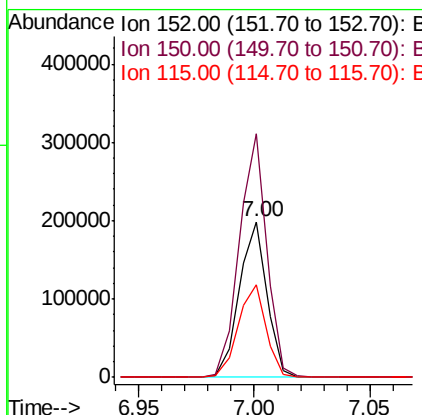
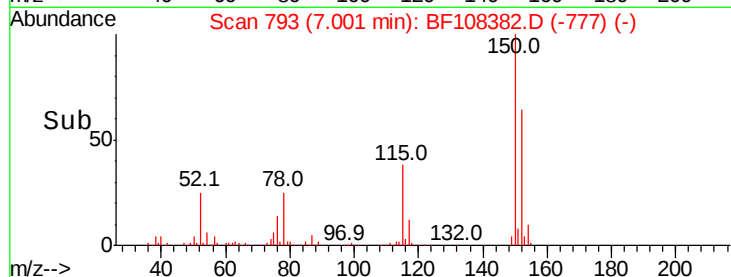
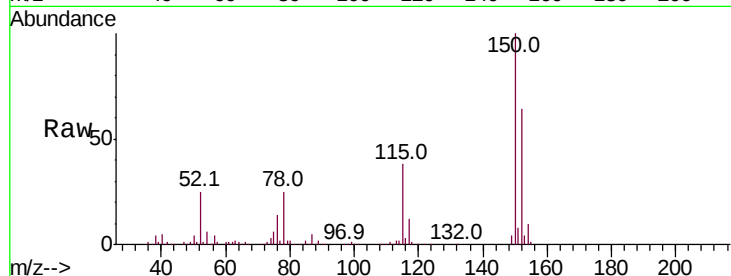


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108382.D
Acq: 22 Aug 2018 14:49

Instrument :
BNA_F
ClientSampleId :
PB112238BL

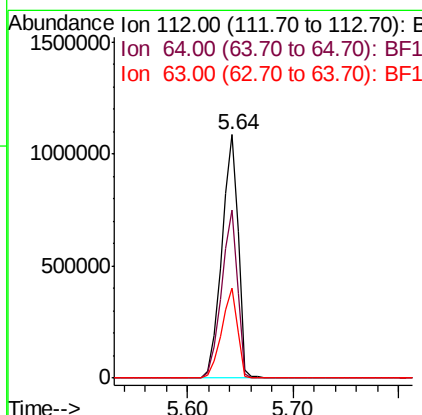
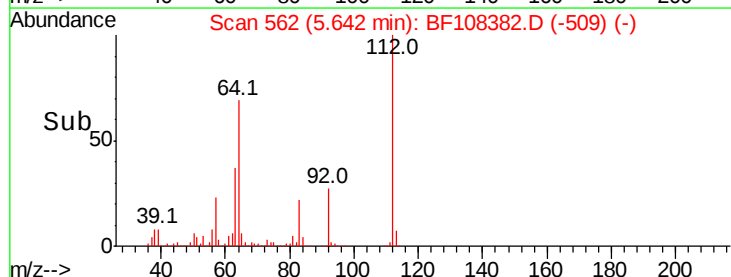
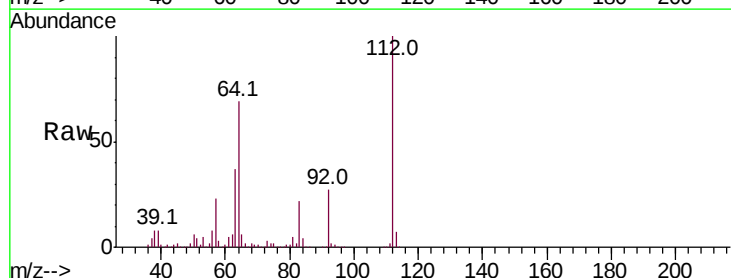
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	59.6	50.1	75.1



#5

2-Fluorophenol
Concen: 128.295 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108382.D
Acq: 22 Aug 2018 14:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	47.9	71.9
63	37.1	23.7	35.5





#7

Phenol-d6

Concen: 128.632 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108382.D

Acq: 22 Aug 2018 14:49

Instrument :

BNA_F

ClientSampleId :

PB112238BL

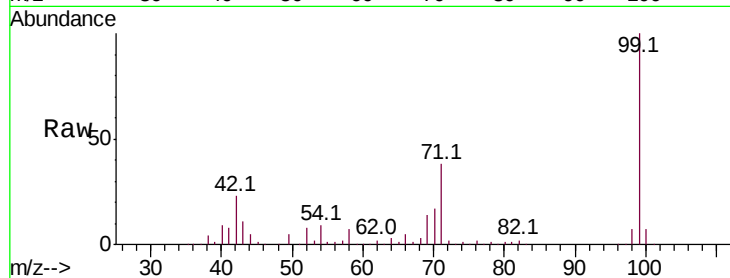
Tot Ion: 99 Resp: 1568824

Ion Ratio Lower Upper

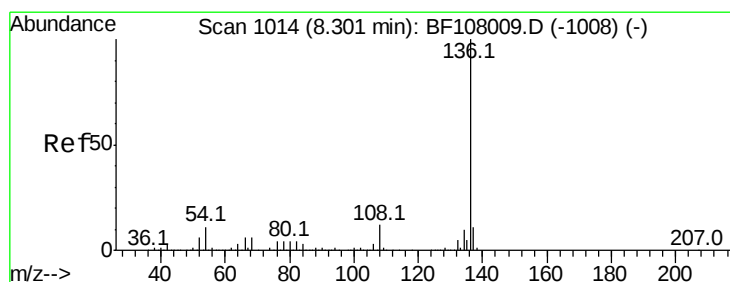
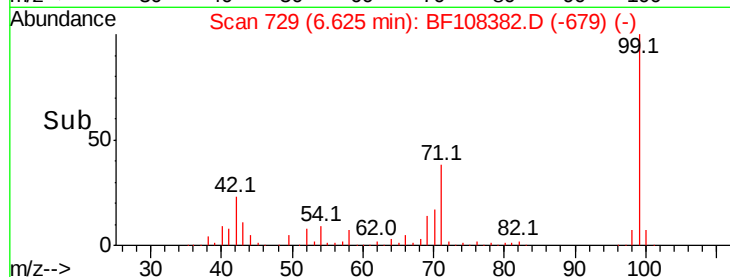
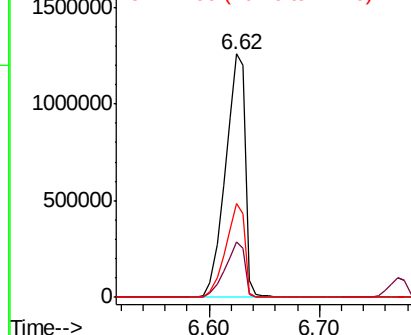
99 100

42 22.9 14.5 21.7#

71 38.4 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: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108382.D

Acq: 22 Aug 2018 14:49

Tgt Ion: 136 Resp: 631485

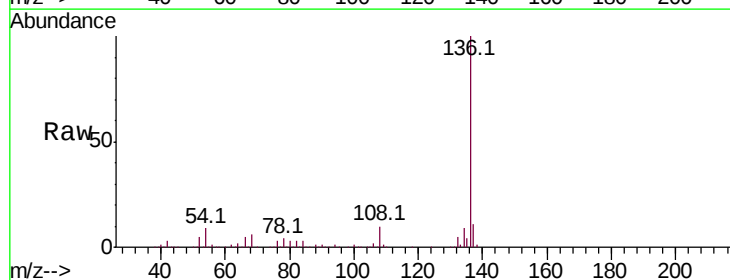
Ion Ratio Lower Upper

136 100

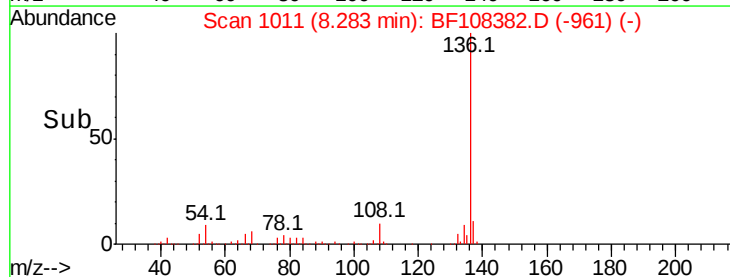
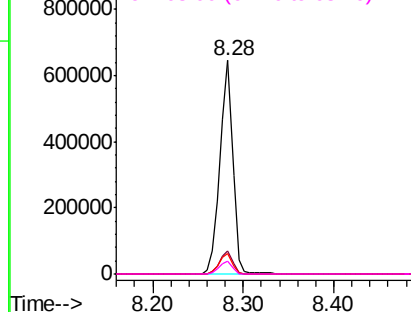
137 11.0 8.9 13.3

54 9.5 6.6 9.8

68 6.0 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: 94.260 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108382.D

Acq: 22 Aug 2018 14:49

Instrument :

BNA_F

ClientSampleId :

PB112238BL

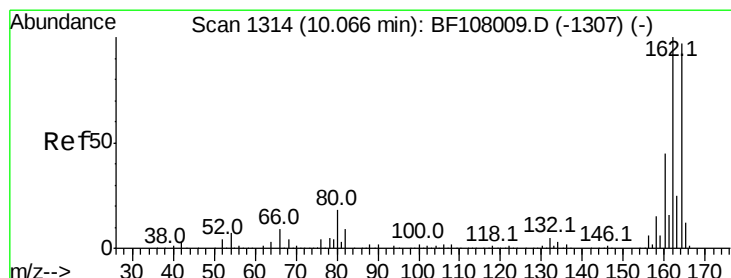
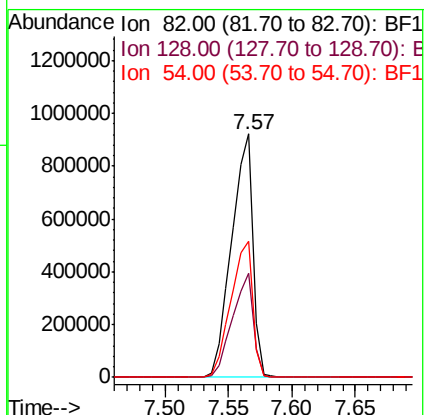
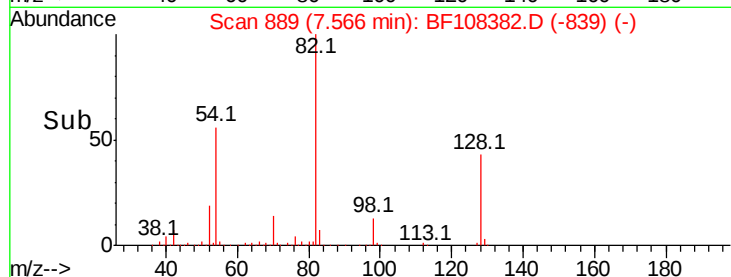
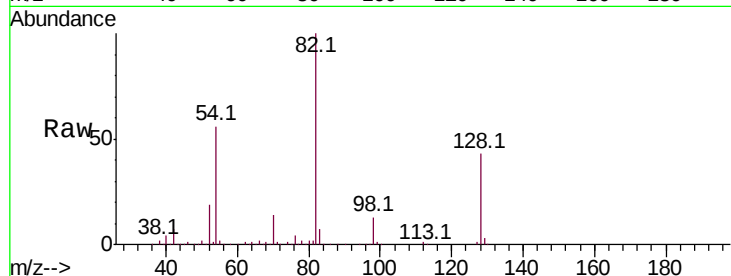
Tot Ion: 82 Resp: 1066712

Ion Ratio Lower Upper

82 100

128 43.0 36.1 54.1

54 56.1 41.4 62.2



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108382.D

Acq: 22 Aug 2018 14:49

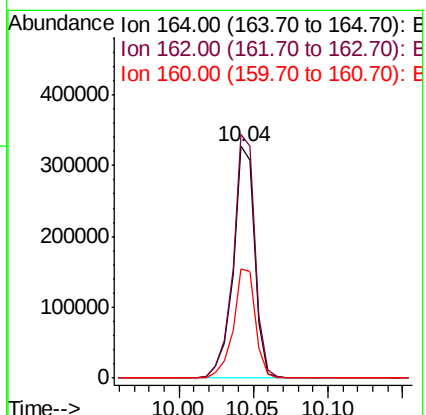
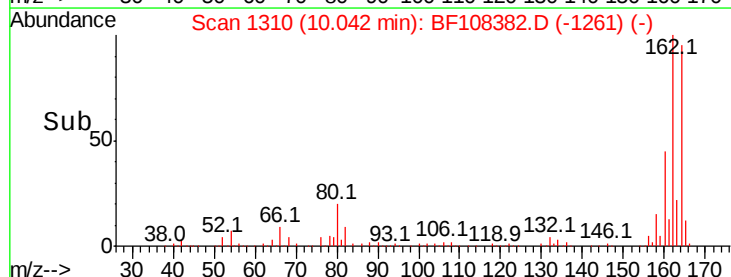
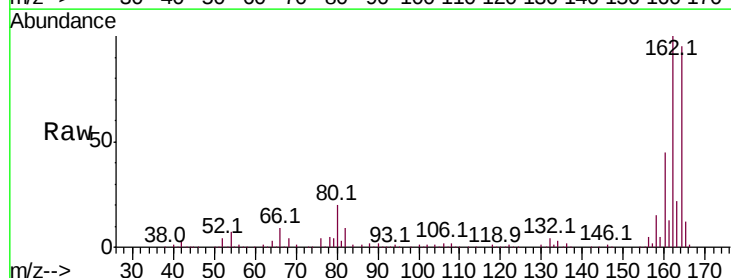
Tgt Ion: 164 Resp: 332799

Ion Ratio Lower Upper

164 100

162 104.9 86.1 129.1

160 46.9 38.3 57.5

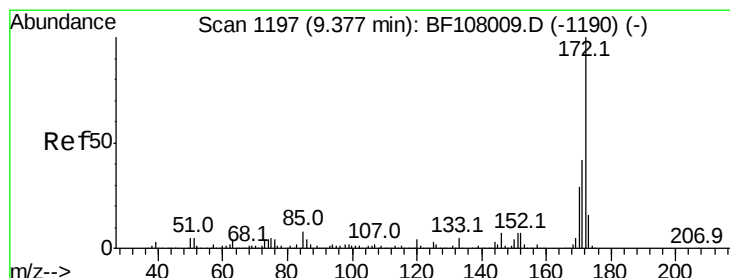
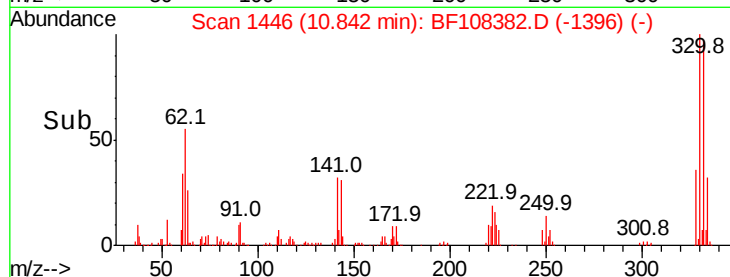
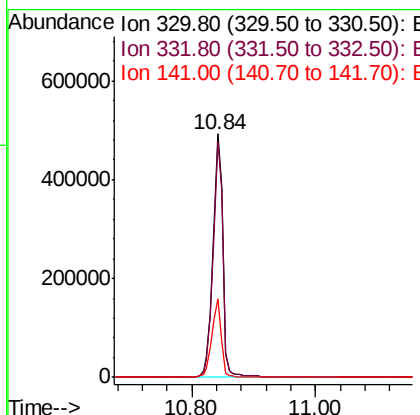
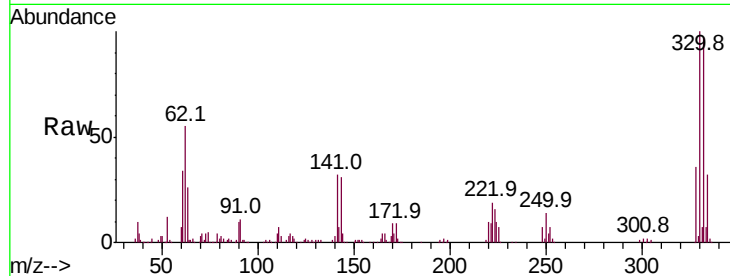




#41
 2,4,6-Tribromophenol
 Concen: 159.400 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108382.D
 Acq: 22 Aug 2018 14:49

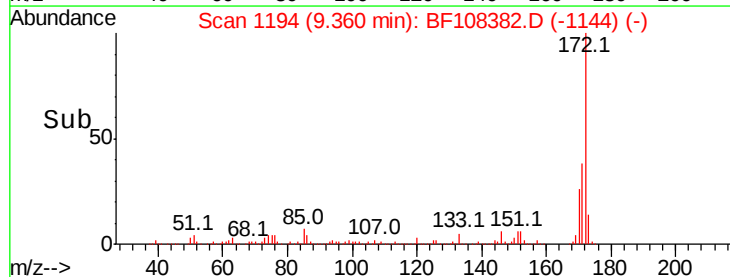
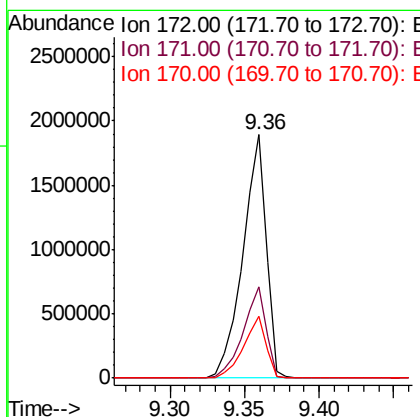
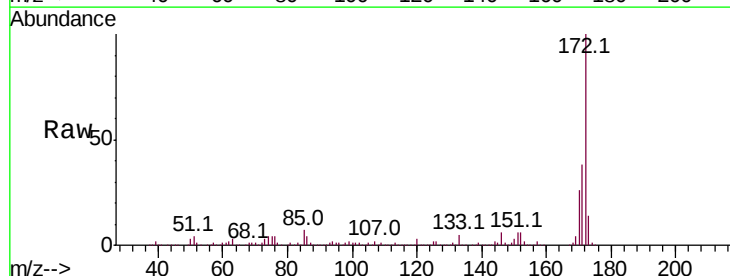
Instrument :
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Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	31.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 99.496 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108382.D
 Acq: 22 Aug 2018 14:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	25.6	19.6	29.4

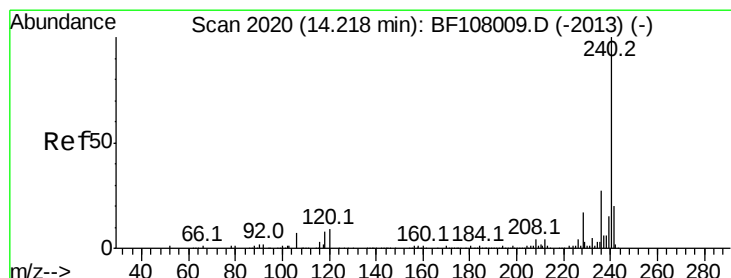
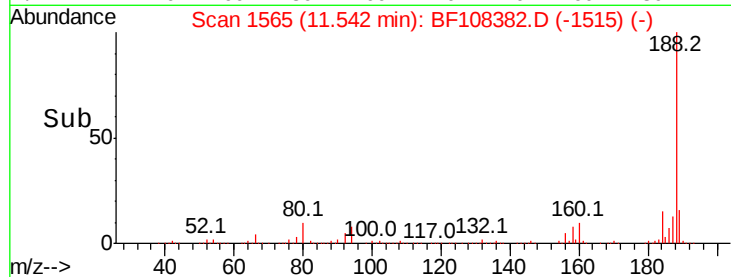
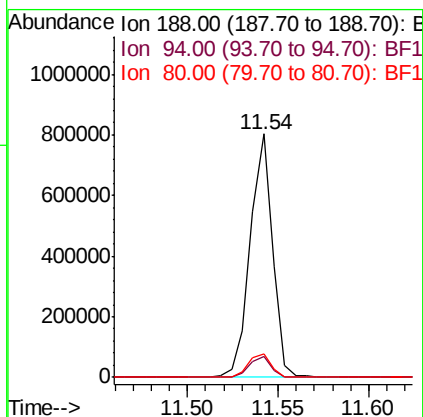
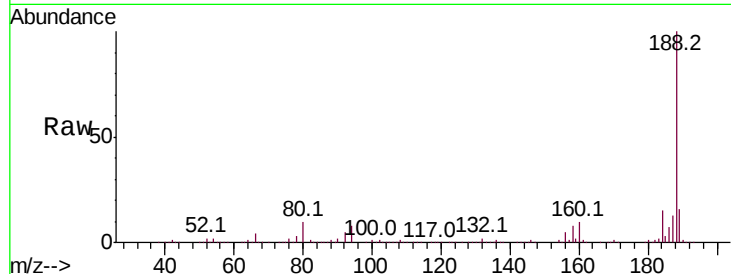




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108382.D
 Acq: 22 Aug 2018 14:49

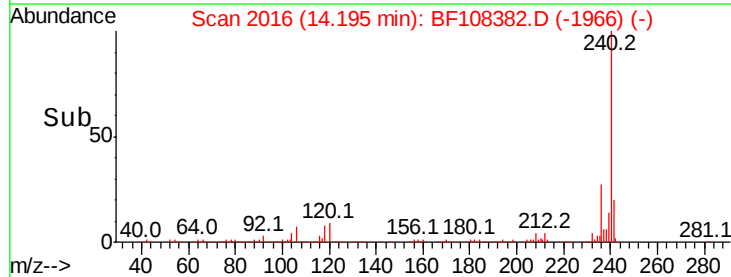
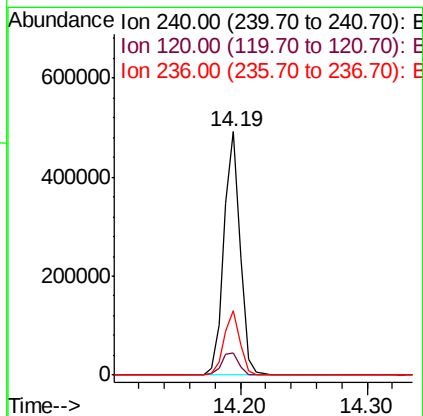
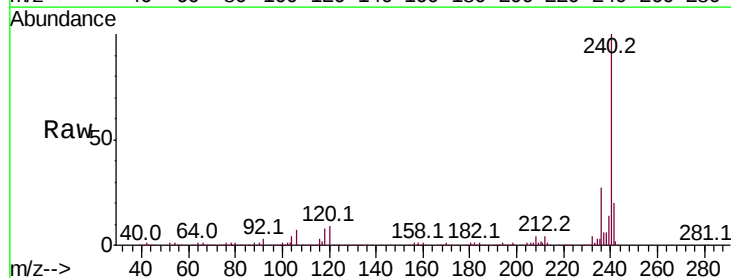
Instrument :
 BNA_F
 ClientSampleId :
 PB112238BL

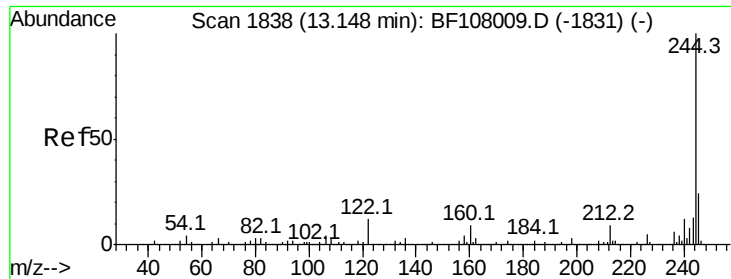
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	9.6	9.2	13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF108382.D
 Acq: 22 Aug 2018 14:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	26.6	20.7	31.1





#78

Terphenyl-d14

Concen: 129.680 ng

RT: 13.13 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF108382.D

Acq: 22 Aug 2018 14:49

Instrument :

BNA_F

ClientSampleID :

PB112238BL

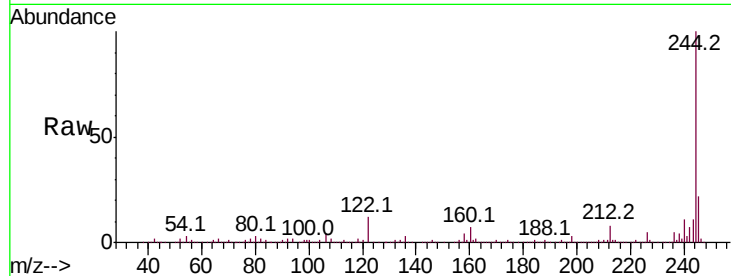
Tot Ion:244 Resp: 2227729

Ion Ratio Lower Upper

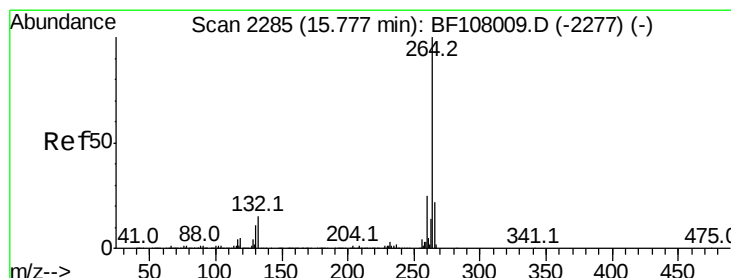
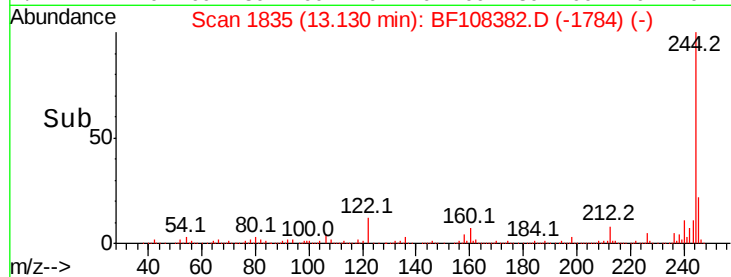
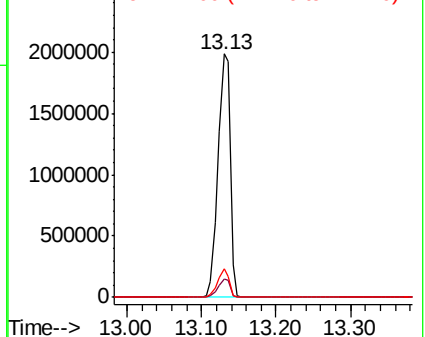
244 100

212 7.8 5.4 8.0

122 11.9 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# 2280

Delta R.T. -0.01 min

Lab File: BF108382.D

Acq: 22 Aug 2018 14:49

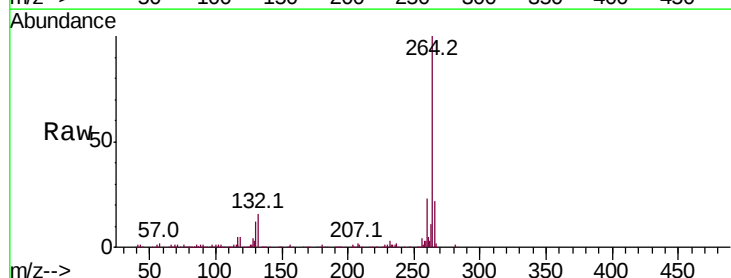
Tgt Ion:264 Resp: 312833

Ion Ratio Lower Upper

264 100

260 23.4 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

