

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108381.D
 Acq On : 22 Aug 2018 14:22
 Operator : JU/SJ
 Sample : PB112282BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BL

Quant Time: Aug 22 16:31:45 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	166711	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	640485	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	336976	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	691138	20.00	ng	0.00
75) Chrysene-d12	14.19	240	437000	20.00	ng	0.00
86) Perylene-d12	15.75	264	313062	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	981036	106.54	ng	0.01
7) Phenol-d6	6.62	99	1300943	106.32	ng	0.00
23) Nitrobenzene-d5	7.56	82	886731	77.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	430640	128.12	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1740157	82.91	ng	0.00
78) Terphenyl-d14	13.13	244	1886140	109.74	ng	0.00

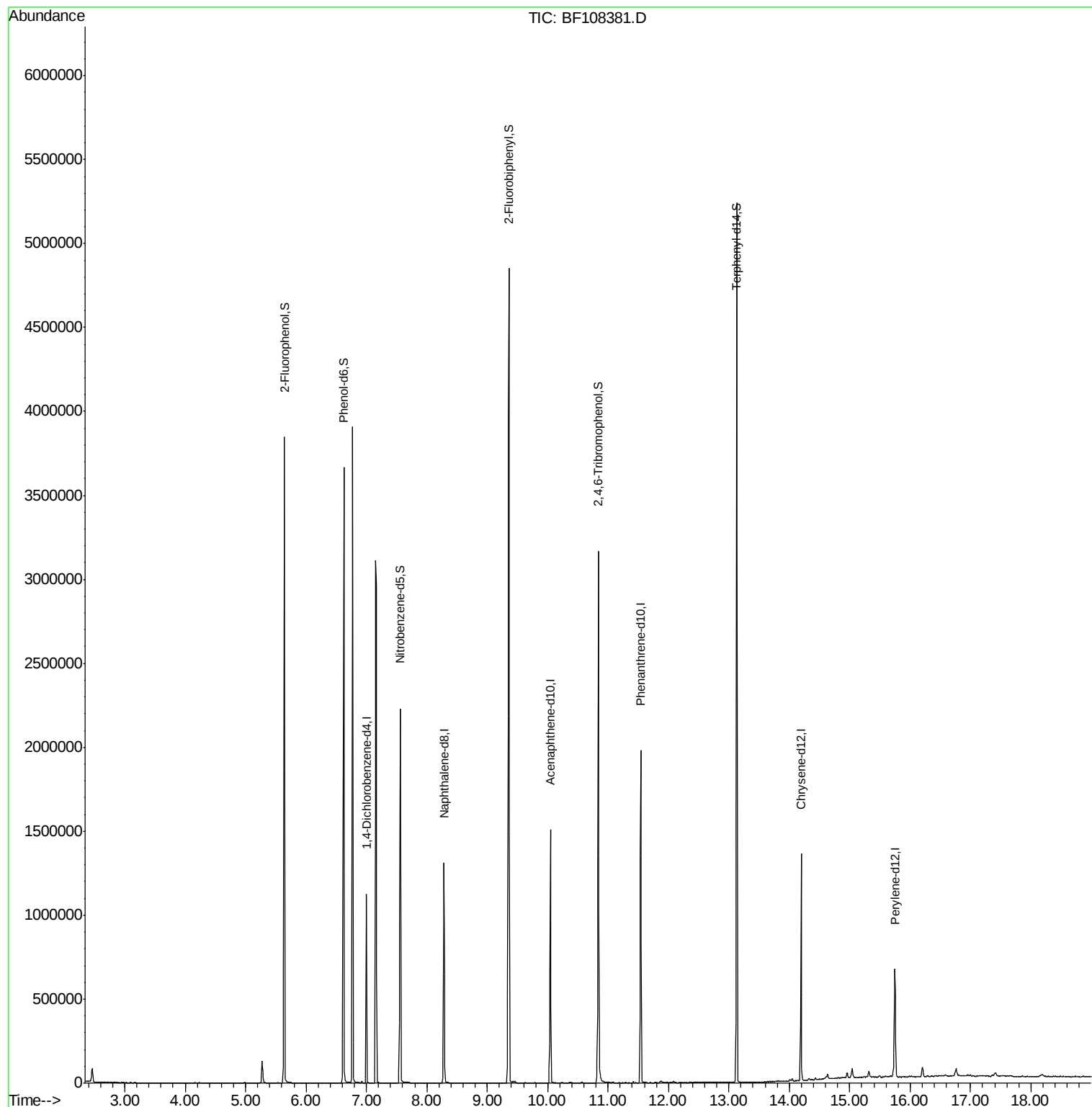
Target Compounds Qvalue

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

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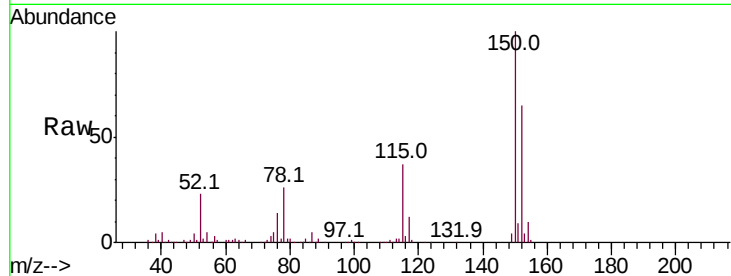


#1

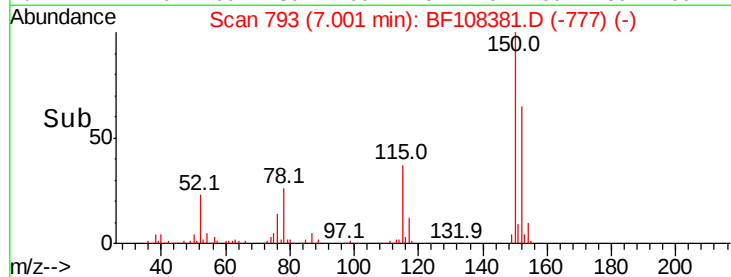
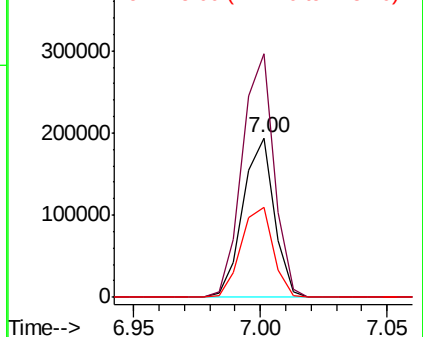
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108381.D
Acq: 22 Aug 2018 14:22

Instrument :
BNA_F
ClientSampleId :
PB112282BL

Tot Ion:152 Resp: 166711
Ion Ratio Lower Upper
152 100
150 152.7 124.6 186.8
115 56.5 50.1 75.1



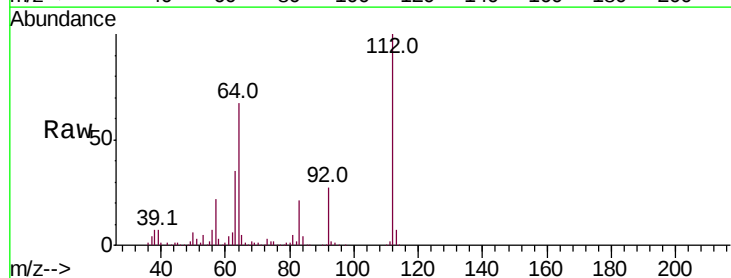
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



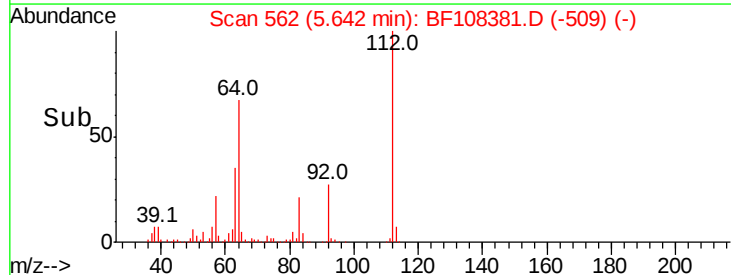
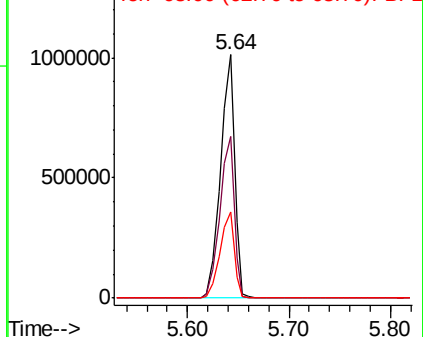
#5

2-Fluorophenol
Concen: 106.539 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108381.D
Acq: 22 Aug 2018 14:22

Tgt Ion:112 Resp: 981036
Ion Ratio Lower Upper
112 100
64 66.6 47.9 71.9
63 35.5 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: 106.317 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108381.D

Acq: 22 Aug 2018 14:22

Instrument :

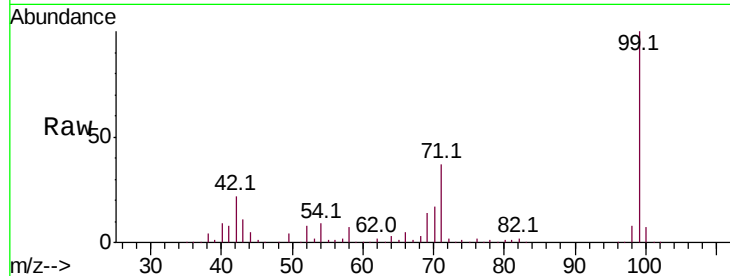
BNA_F

ClientSampleId :

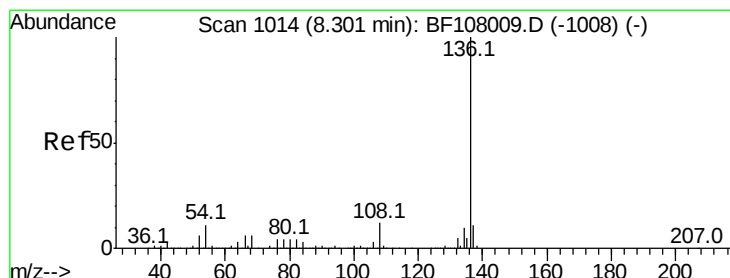
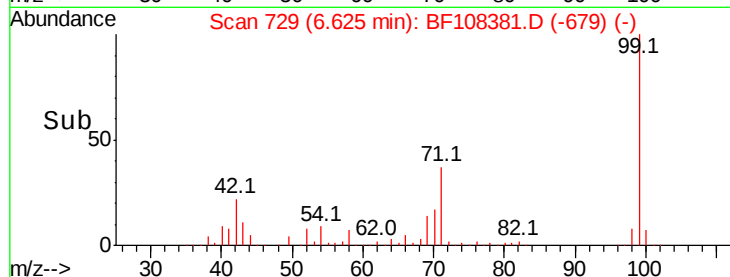
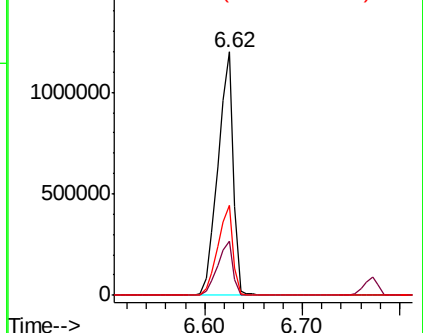
PB112282BL

Tot Ion: 99 Resp: 1300943

Ion	Ratio	Lower	Upper
99	100		
42	22.3	14.5	21.7#
71	37.1	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

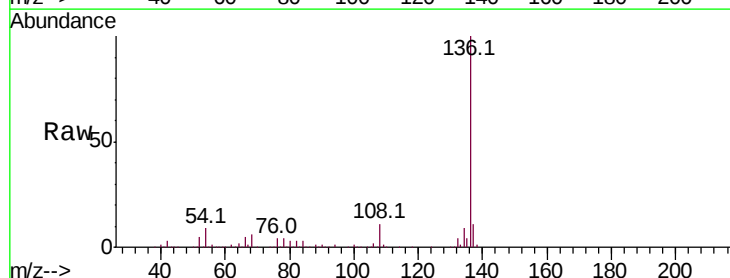
Delta R.T. -0.01 min

Lab File: BF108381.D

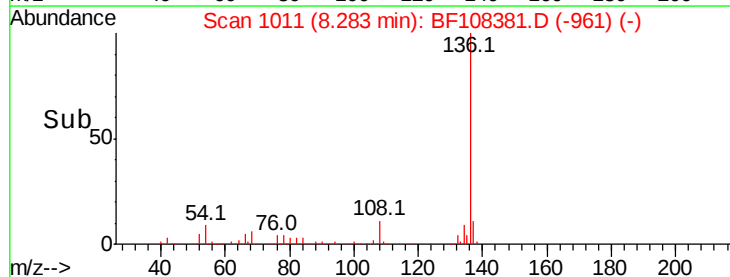
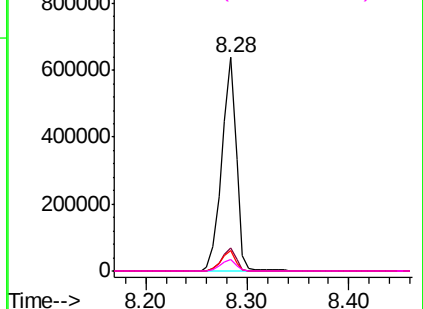
Acq: 22 Aug 2018 14:22

Tgt Ion: 136 Resp: 640485

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.4	6.6	9.8
68	5.7	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

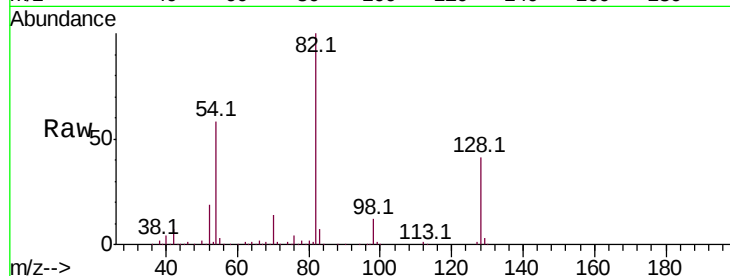




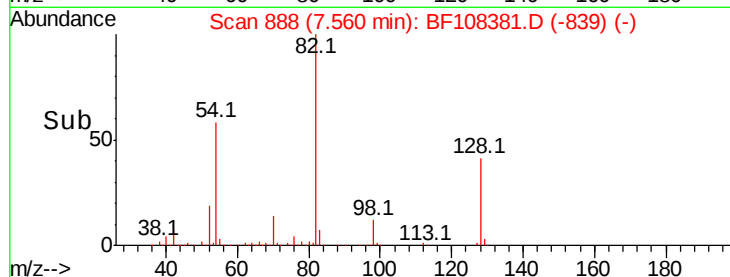
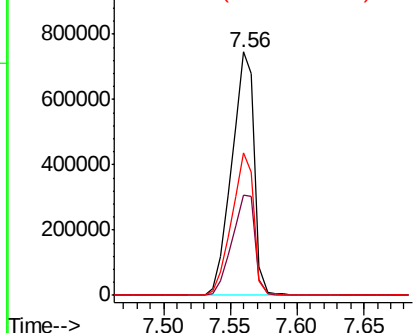
#23
Nitrobenzene-d5
Concen: 77.255 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108381.D
Acq: 22 Aug 2018 14:22

Instrument :
BNA_F
ClientSampleId :
PB112282BL

Tot Ion: 82 Resp: 886731
Ion Ratio Lower Upper
82 100
128 40.9 36.1 54.1
54 58.5 41.4 62.2

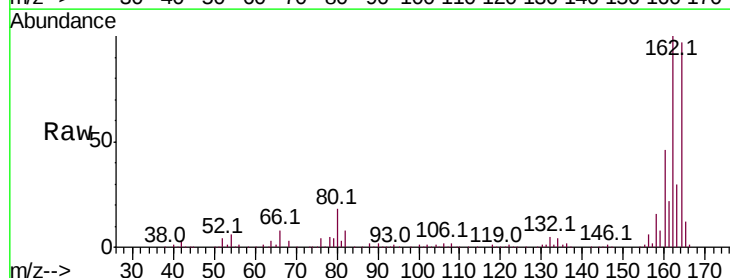


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

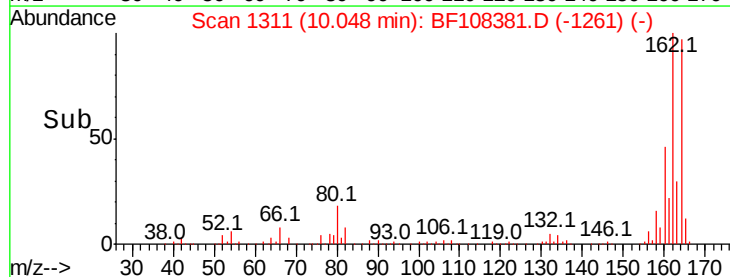
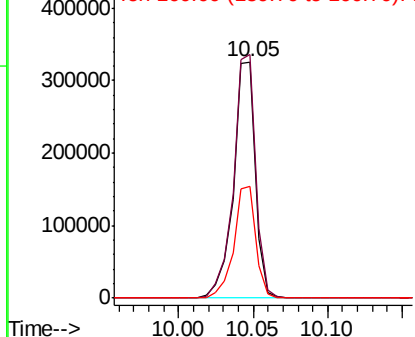


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108381.D
Acq: 22 Aug 2018 14:22

Tgt Ion: 164 Resp: 336976
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 47.2 38.3 57.5



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

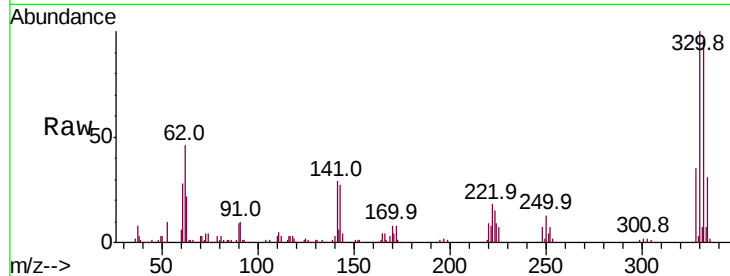




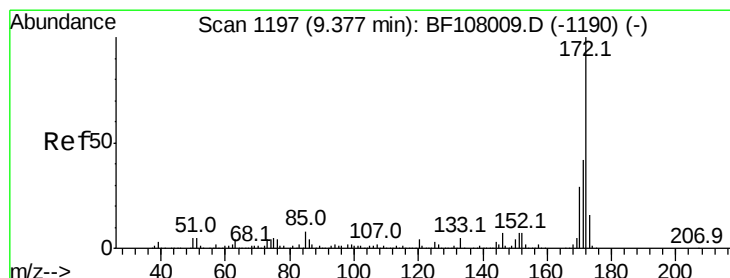
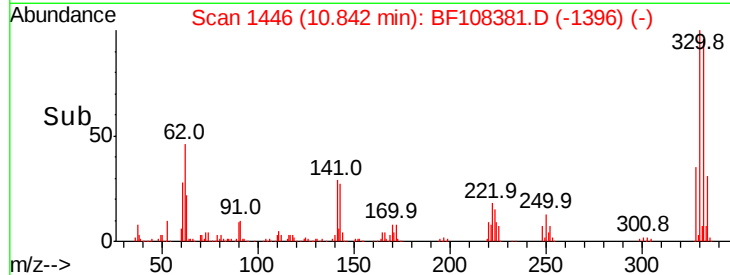
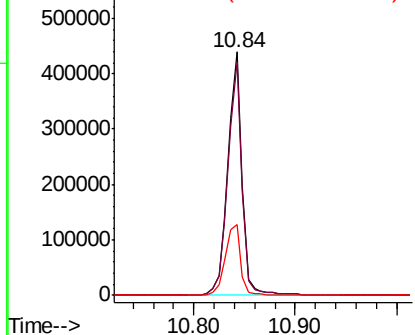
#41
 2,4,6-Tribromophenol
 Concen: 128.119 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108381.D
 Acq: 22 Aug 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	32.0	29.9	44.9

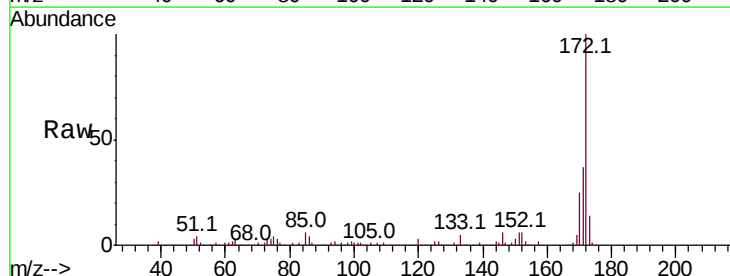


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

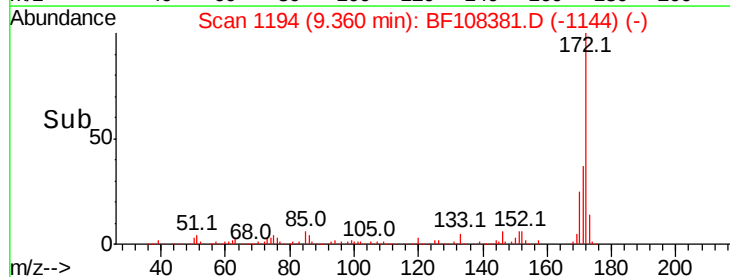
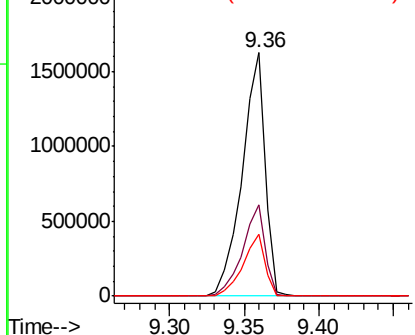


#44
 2-Fluorobiphenyl
 Concen: 82.907 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108381.D
 Acq: 22 Aug 2018 14:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	25.5	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

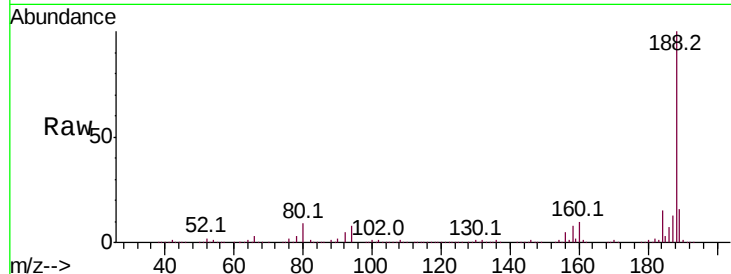




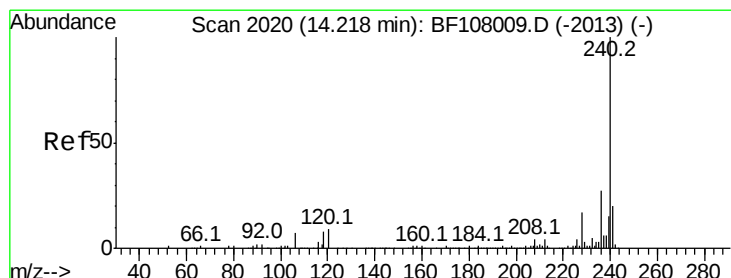
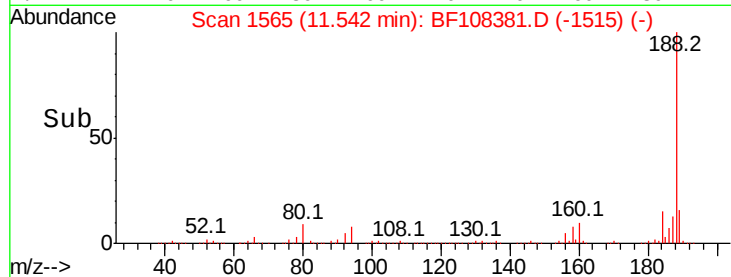
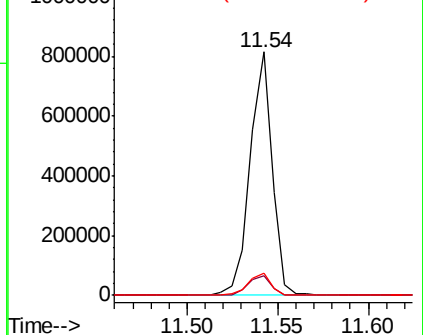
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108381.D
 Acq: 22 Aug 2018 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB112282BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	9.3	9.2	13.8

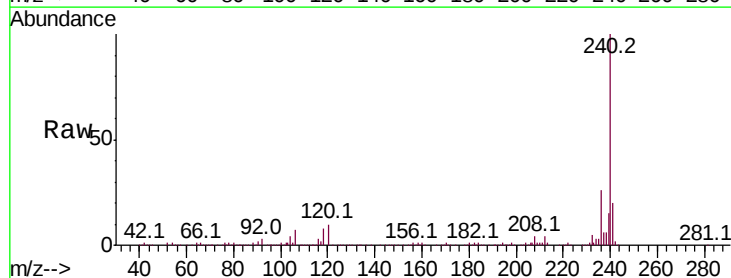


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

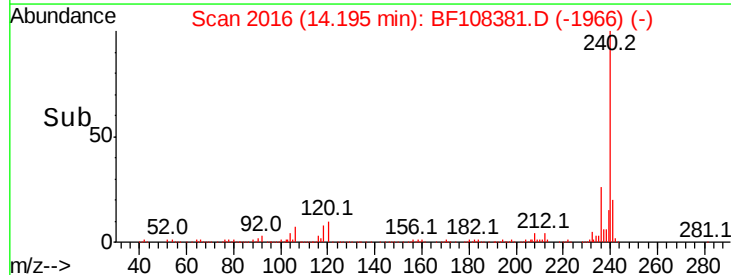
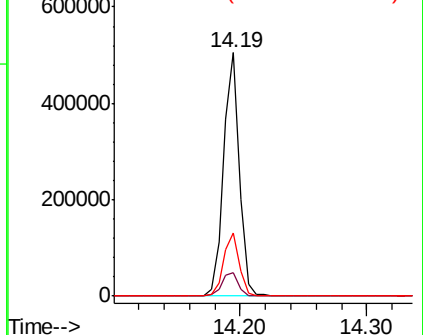


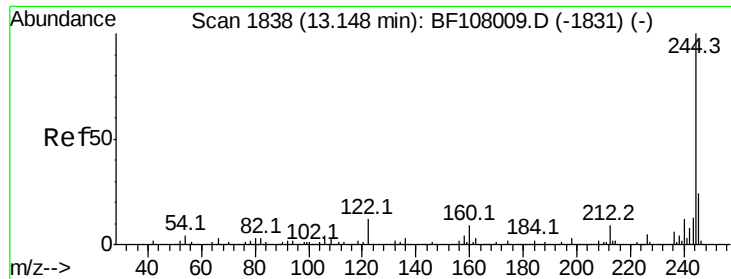
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF108381.D
 Acq: 22 Aug 2018 14:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	26.0	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: 109.740 ng

RT: 13.13 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF108381.D

Acq: 22 Aug 2018 14:22

Instrument :

BNA_F

ClientSampleId :

PB112282BL

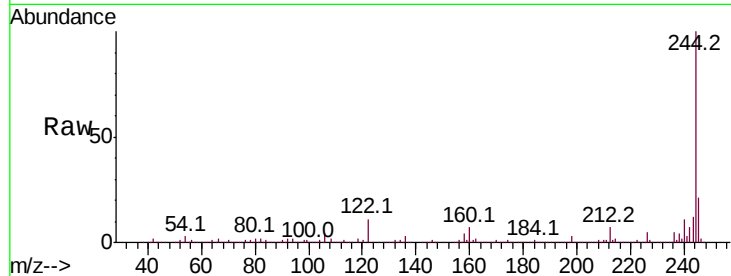
Tot Ion:244 Resp: 1886140

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

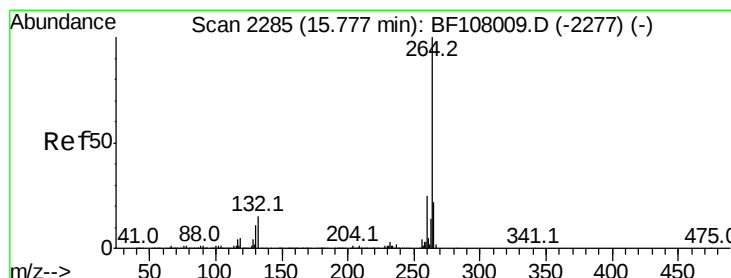
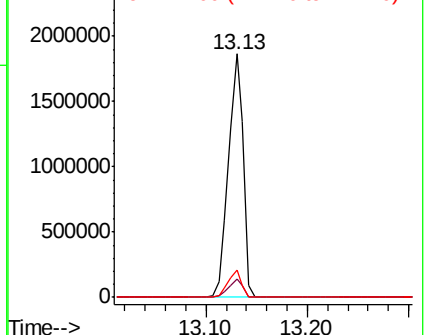
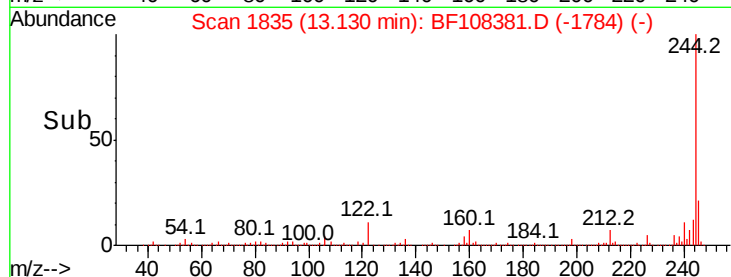
122 11.3 11.0 16.4



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: BF108381.D

Acq: 22 Aug 2018 14:22

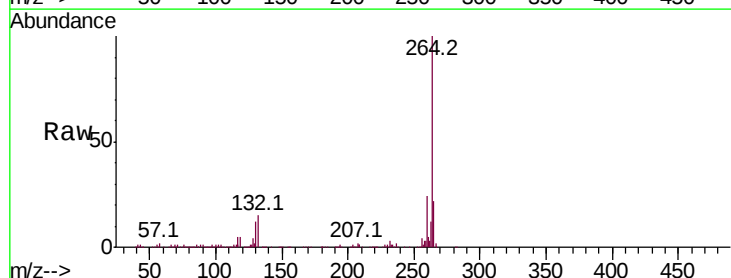
Tgt Ion:264 Resp: 313062

Ion Ratio Lower Upper

264 100

260 24.1 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

