

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108284.D
 Acq On : 20 Aug 2018 12:38
 Operator : JU/SJ
 Sample : PB112066TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112066TB

Quant Time: Aug 20 13:37:27 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	187805	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	723947	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	370457	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	773756	20.00	ng	0.00
75) Chrysene-d12	14.21	240	679905	20.00	ng	0.00
86) Perylene-d12	15.78	264	554190	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1150443	110.90	ng	0.02
7) Phenol-d6	6.64	99	1526557	110.74	ng	0.00
23) Nitrobenzene-d5	7.58	82	999232	77.02	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	481591	130.33	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1932991	83.77	ng	0.00
78) Terphenyl-d14	13.15	244	2294343	85.80	ng	0.00

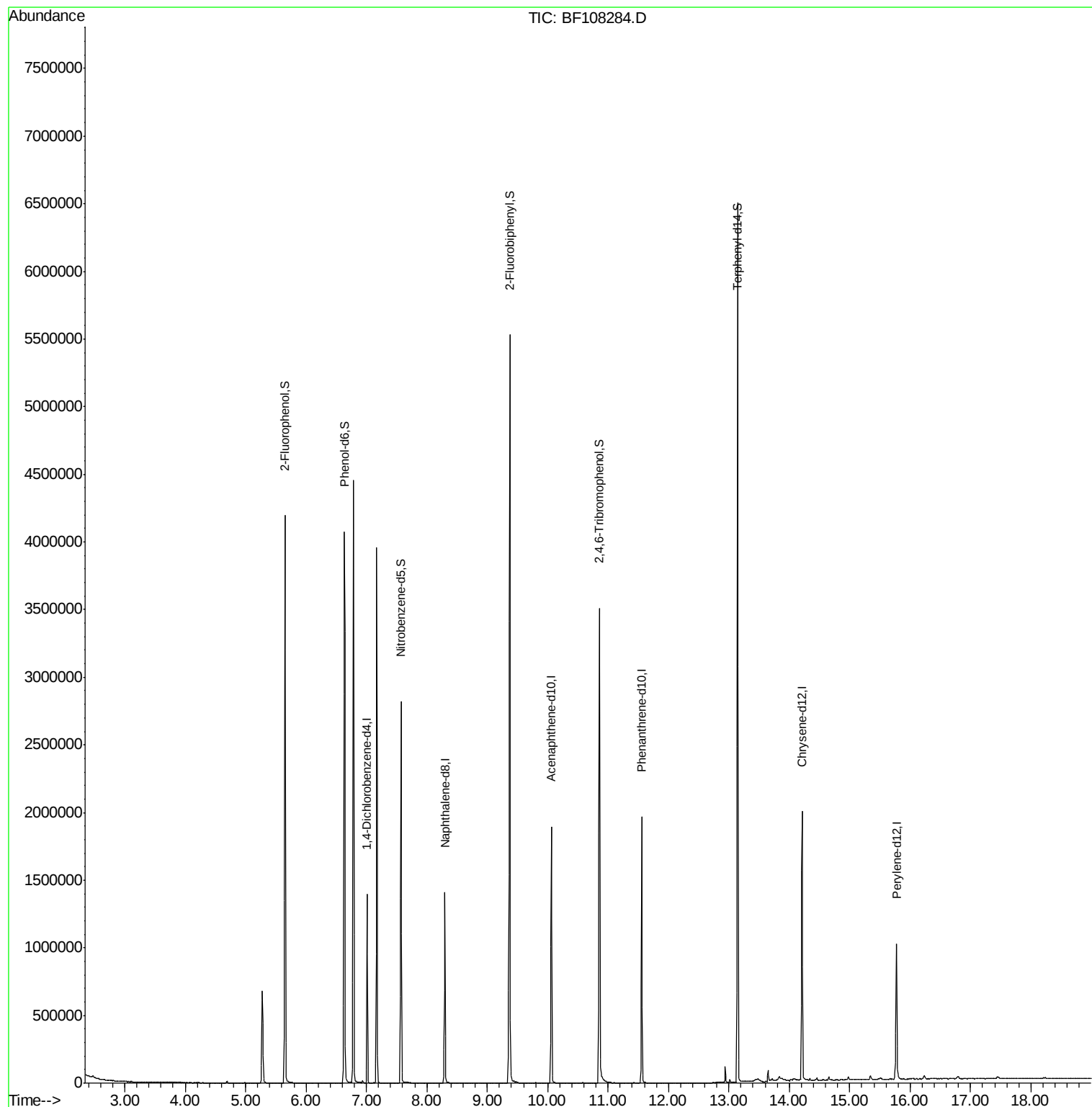
Target Compounds Qvalue

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

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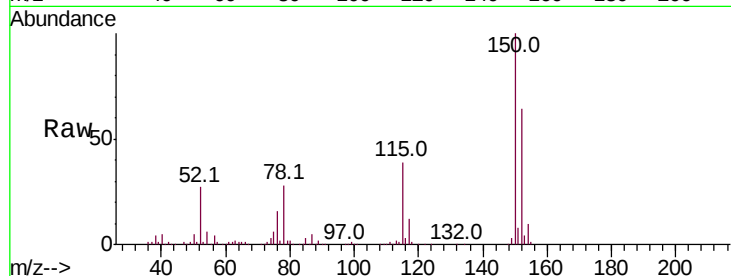


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108284.D
Acq: 20 Aug 2018 12:38

Instrument :
BNA_F
ClientSampleId :
PB112066TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	62.0	50.1	75.1

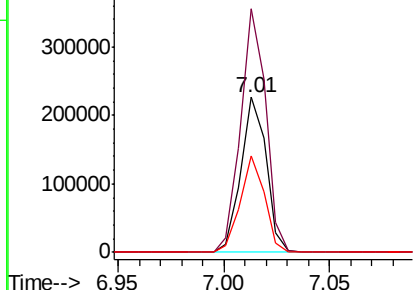
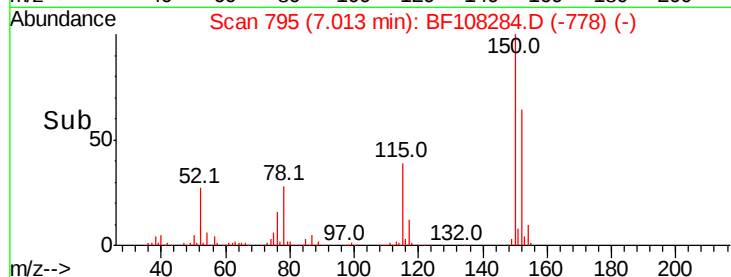


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

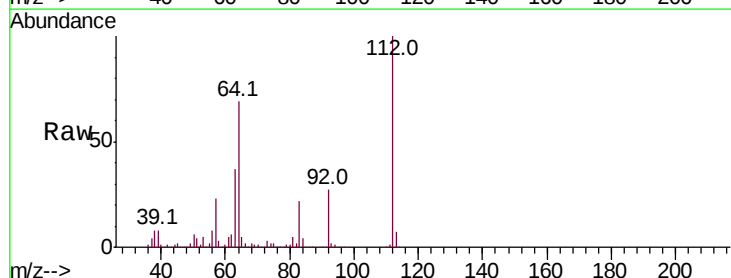
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.904 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108284.D
Acq: 20 Aug 2018 12:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	47.9	71.9
63	37.2	23.7	35.5

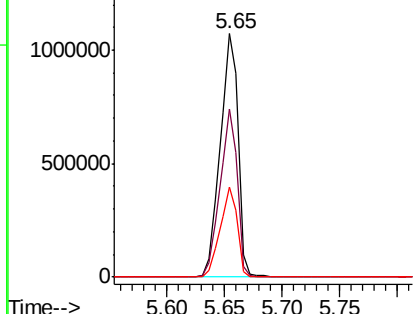
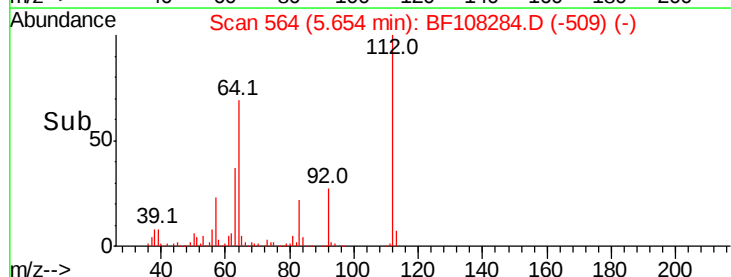


Abundance

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: 110.742 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108284.D

Acq: 20 Aug 2018 12:38

Instrument :

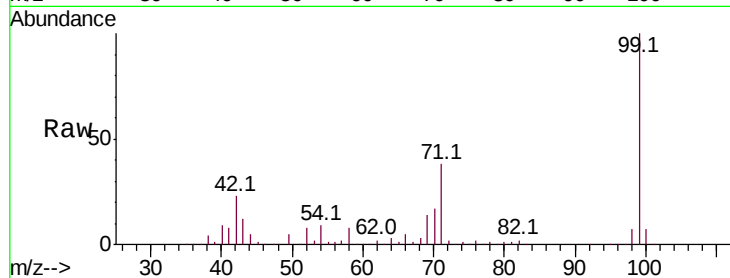
BNA_F

ClientSampleId :

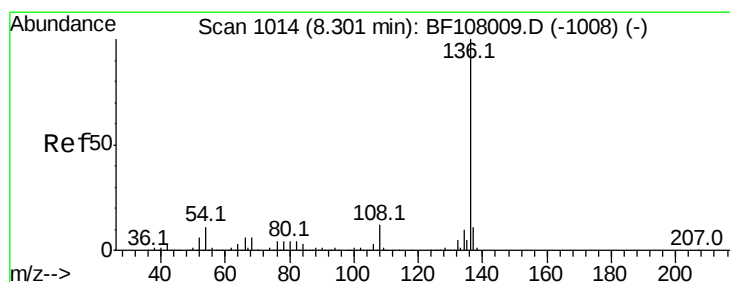
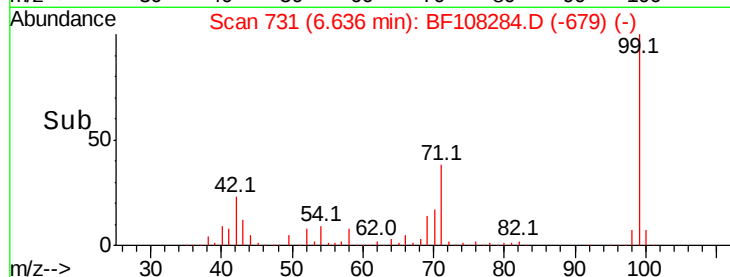
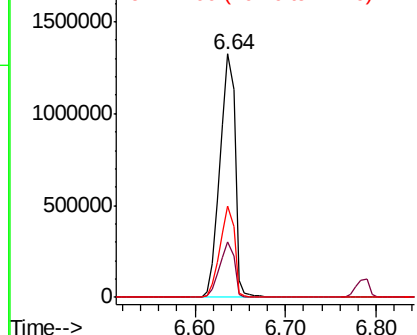
PB112066TB

Tot Ion: 99 Resp: 1526557

Ion	Ratio	Lower	Upper
99	100		
42	22.7	14.5	21.7#
71	37.6	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# 1013

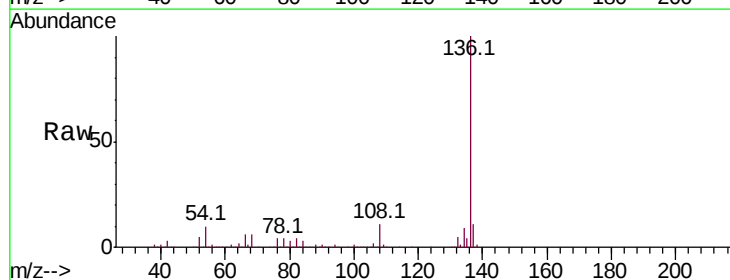
Delta R.T. -0.01 min

Lab File: BF108284.D

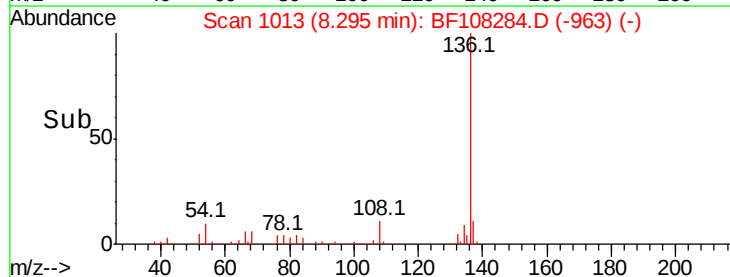
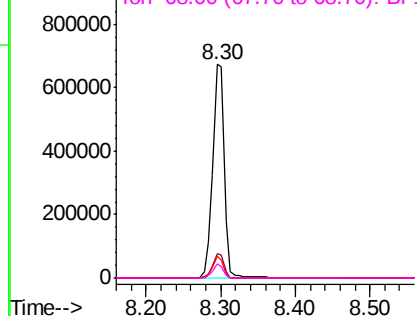
Acq: 20 Aug 2018 12:38

Tgt Ion: 136 Resp: 723947

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.3	6.6	9.8#
68	6.4	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

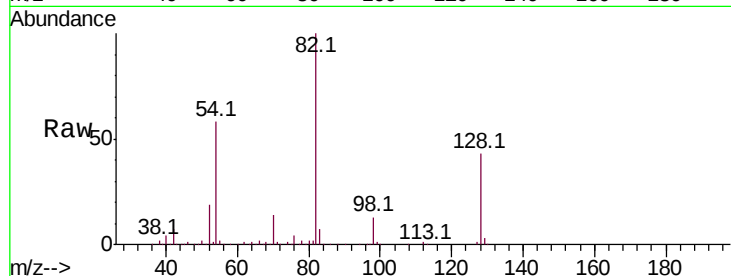




#23
 Nitrobenzene-d5
 Concen: 77.020 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108284.D
 Acq: 20 Aug 2018 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB112066TB

Tot Ion	82	Resp	999232
Ion Ratio	Lower	Upper	
82	100		
128	43.1	36.1	54.1
54	57.6	41.4	62.2

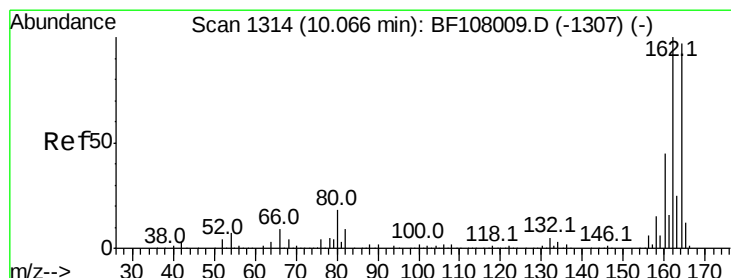
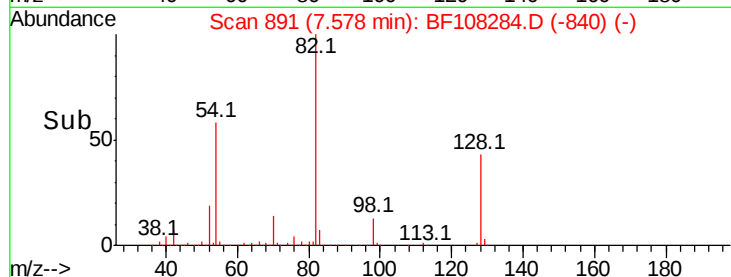
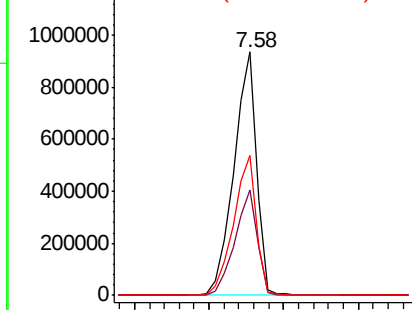


Abundance

Ion 82.00 (81.70 to 82.70): BF1

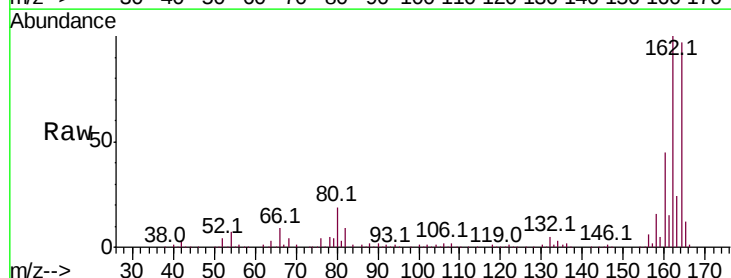
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108284.D
 Acq: 20 Aug 2018 12:38

Tgt Ion	164	Resp	370457
Ion Ratio	Lower	Upper	
164	100		
162	103.3	86.1	129.1
160	46.9	38.3	57.5

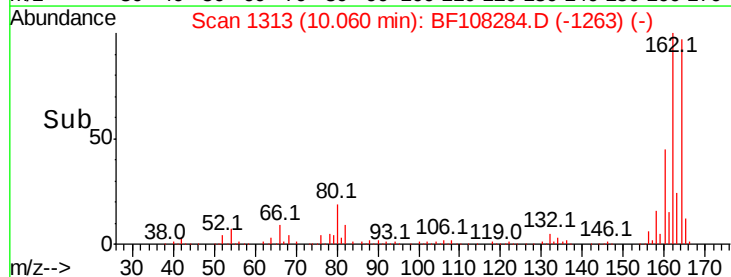
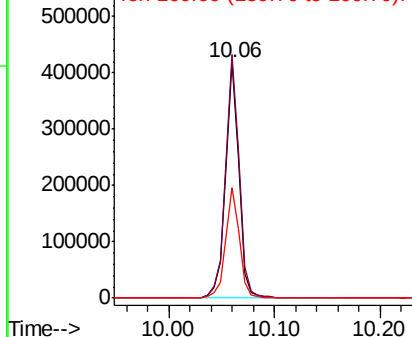


Abundance

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

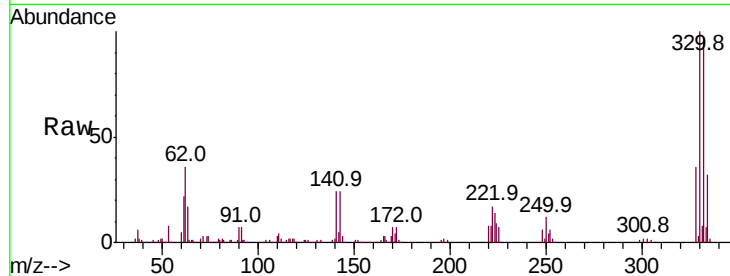




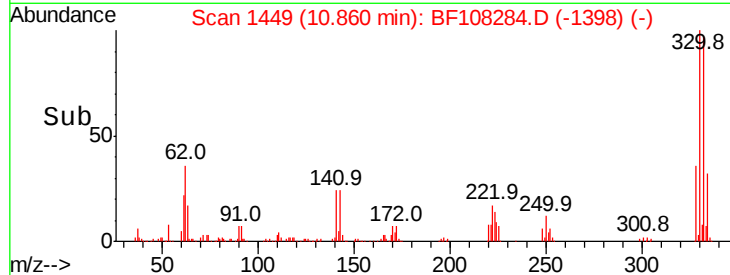
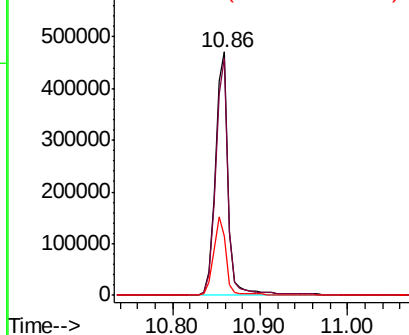
#41
 2,4,6-Tribromophenol
 Concen: 130.328 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108284.D
 Acq: 20 Aug 2018 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB112066TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	32.2	29.9	44.9

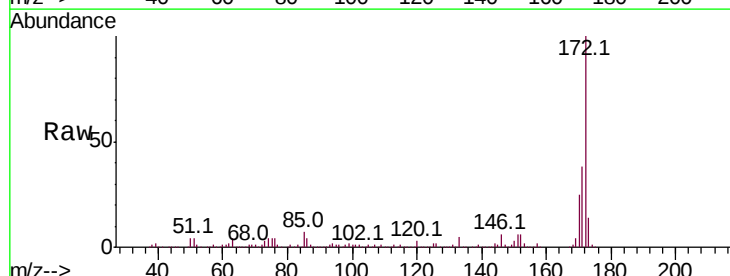


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

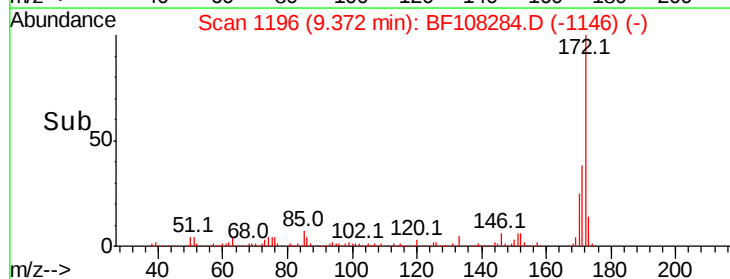
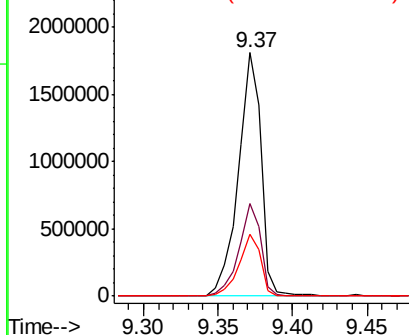


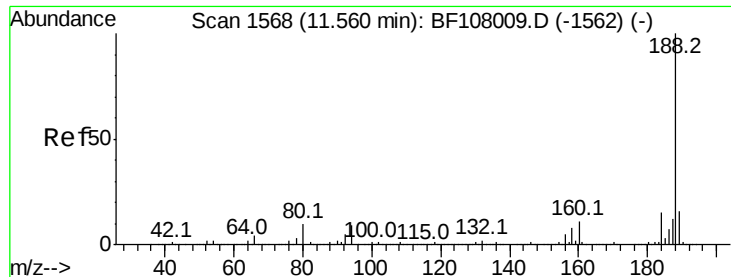
#44
 2-Fluorobiphenyl
 Concen: 83.771 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108284.D
 Acq: 20 Aug 2018 12:38

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: 11.56 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF108284.D

Acq: 20 Aug 2018 12:38

Instrument :

BNA_F

ClientSampleId :

PB112066TB

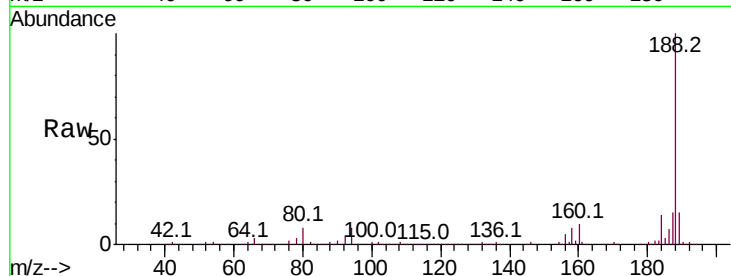
Tot Ion:188 Resp: 773756

Ion Ratio Lower Upper

188 100

94 7.7 8.5 12.7#

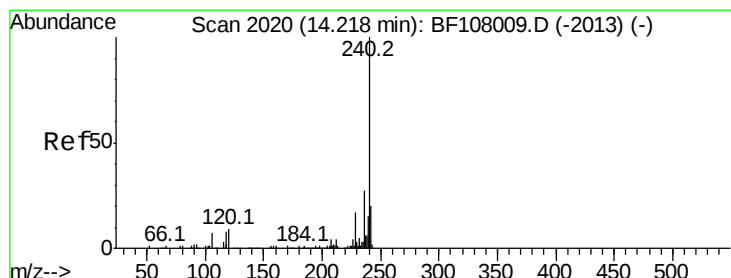
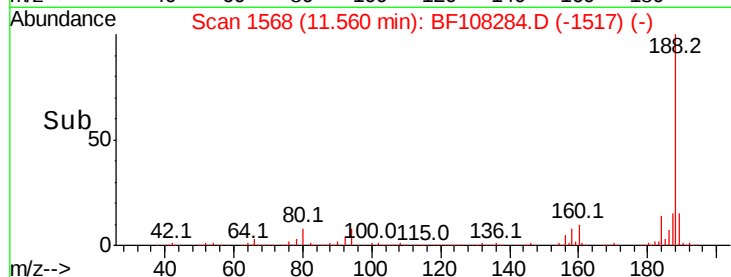
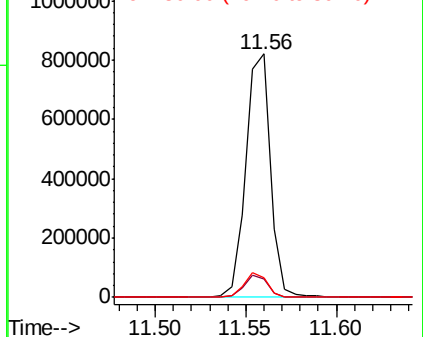
80 8.3 9.2 13.8#



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: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108284.D

Acq: 20 Aug 2018 12:38

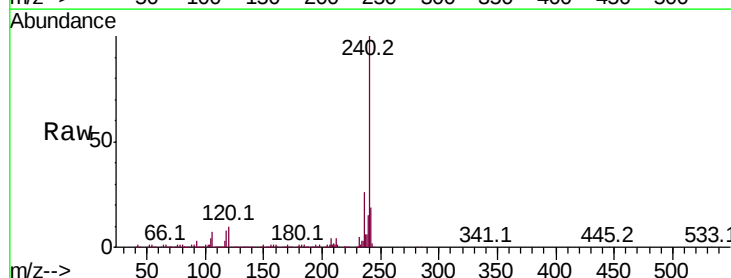
Tgt Ion:240 Resp: 679905

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

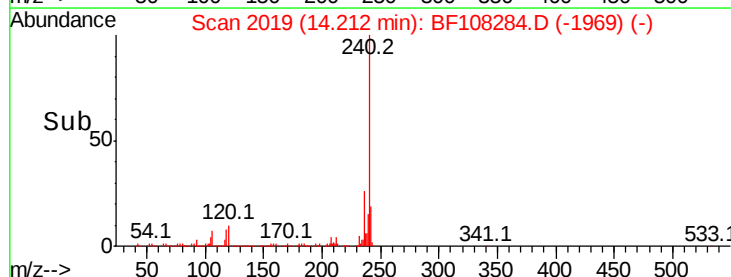
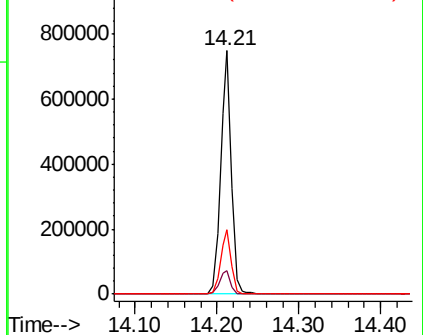
236 26.3 20.7 31.1

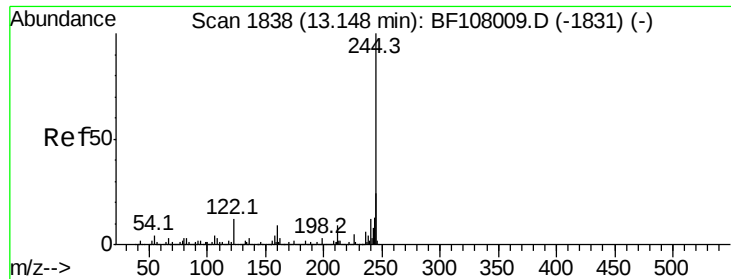


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



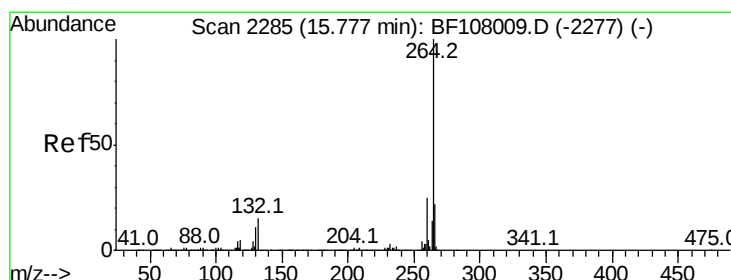
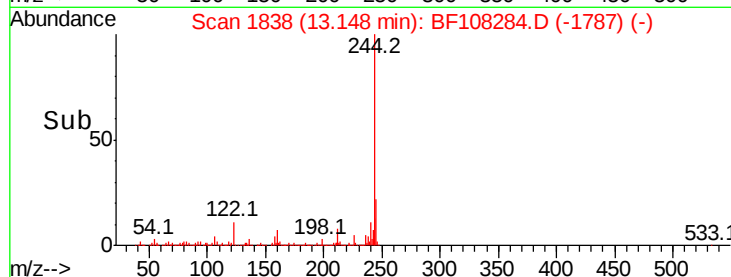
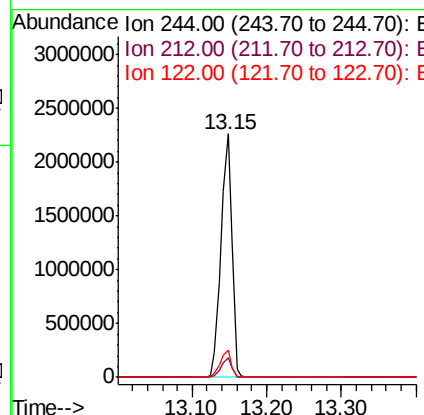
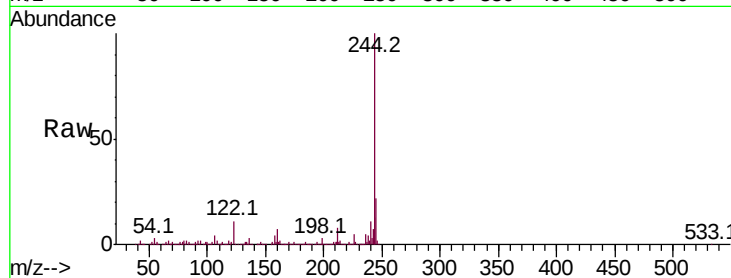


#78
 Terphenyl-d14
 Concen: 85.799 ng
 RT: 13.15 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF108284.D
 Acq: 20 Aug 2018 12:38

Instrument :
 BNA_F
 ClientSampleId :
 PB112066TB

Tot Ion:244 Resp: 2294343

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.4	8.0
122	11.4	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.78 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BF108284.D
 Acq: 20 Aug 2018 12:38

Tgt Ion:264 Resp: 554190

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.4	17.5	26.3

