

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108544.D
 Acq On : 28 Aug 2018 7:18
 Operator : JU/SJ
 Sample : PB112391BL
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BL

Quant Time: Aug 28 08:48:00 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	105679	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	365738	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	159851	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	290538	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	265869	20.00	ng	-0.01
86) Perylene-d12	15.74	264	201648	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	552192	94.60	ng	0.00
7) Phenol-d6	6.62	99	718191	92.59	ng	-0.01
23) Nitrobenzene-d5	7.56	82	694838	106.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	156844	98.37	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1238177	124.36	ng	-0.01
78) Terphenyl-d14	13.12	244	1091556	104.39	ng	0.00

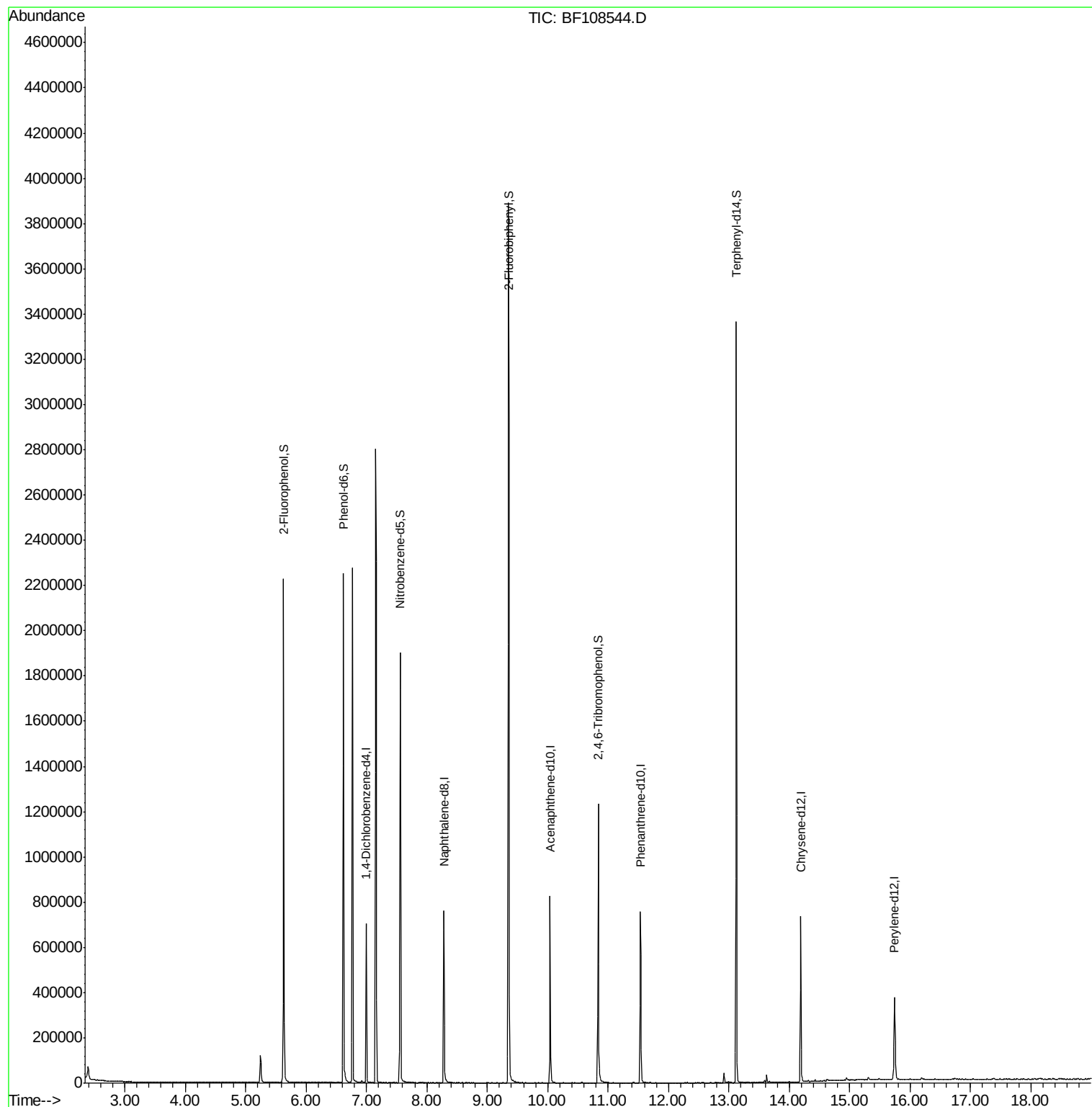
Target Compounds Qvalue

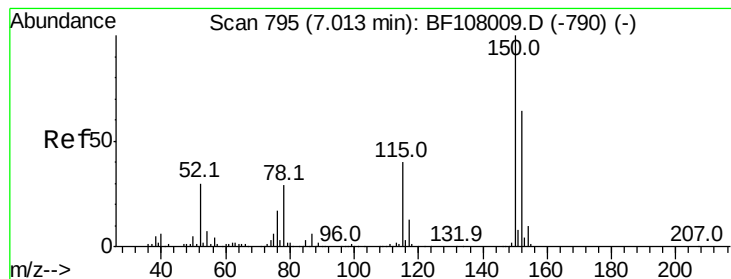
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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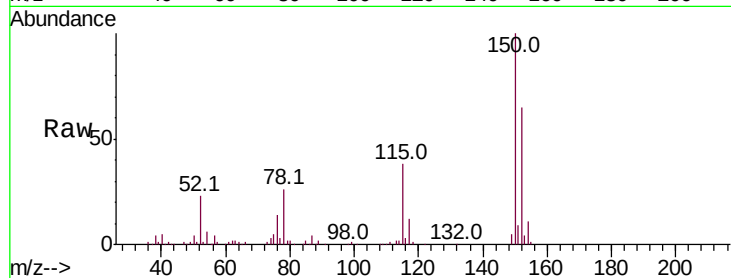


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108544.D
Acq: 28 Aug 2018 7:18

Instrument :
BNA_F
ClientSampleId :
PB112391BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	57.9	50.1	75.1

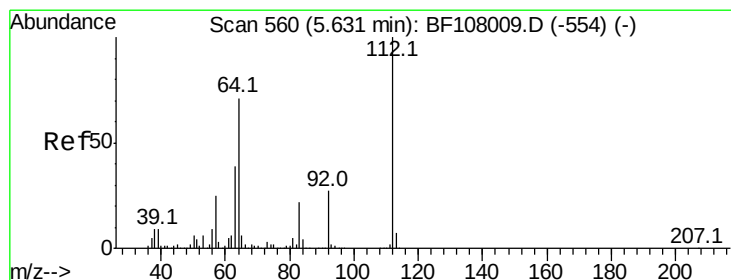
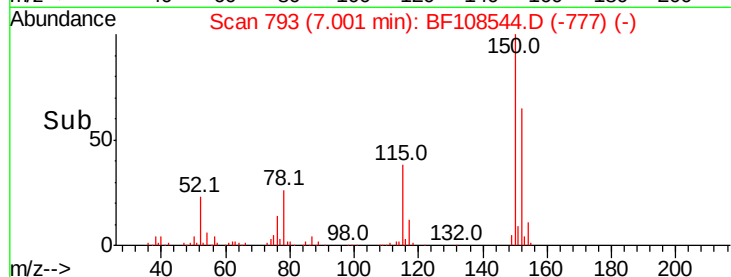
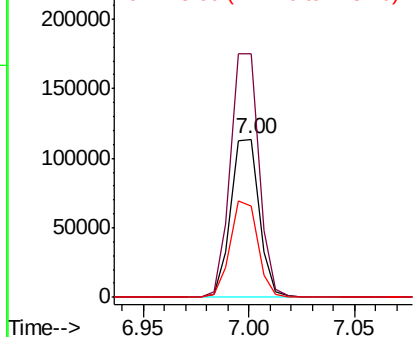


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

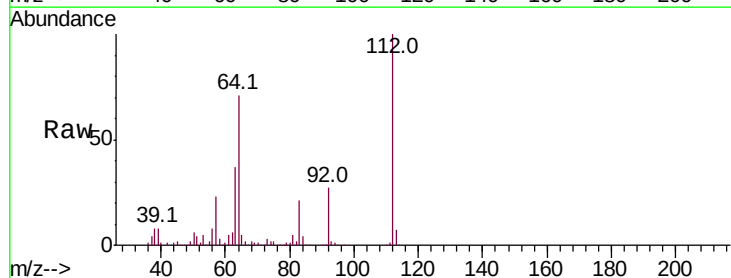
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.600 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108544.D
Acq: 28 Aug 2018 7:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.8	47.9	71.9
63	37.2	23.7	35.5

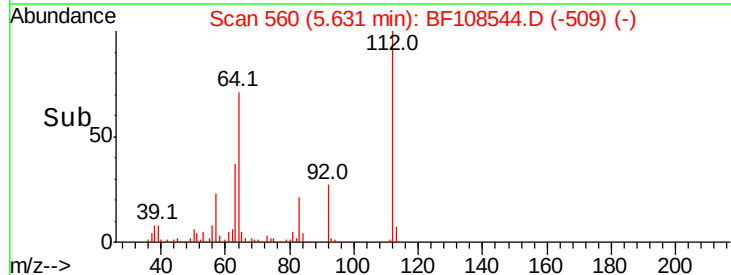
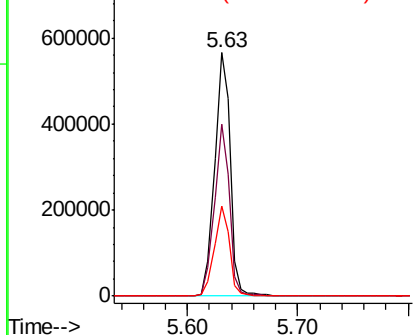


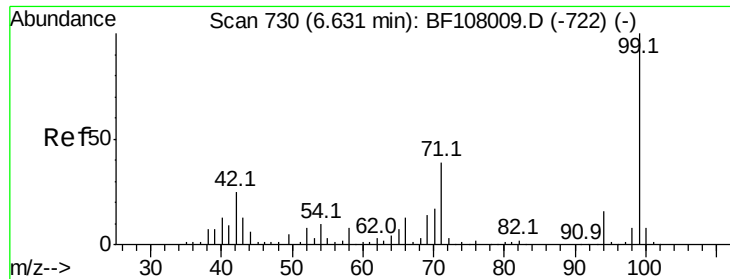
Abundance

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: 92.589 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF108544.D

Acq: 28 Aug 2018 7:18

Instrument :

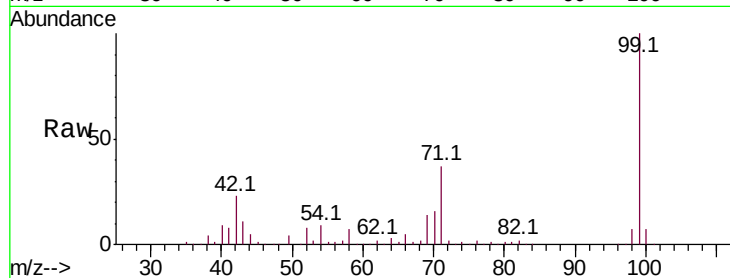
BNA_F

ClientSampleId :

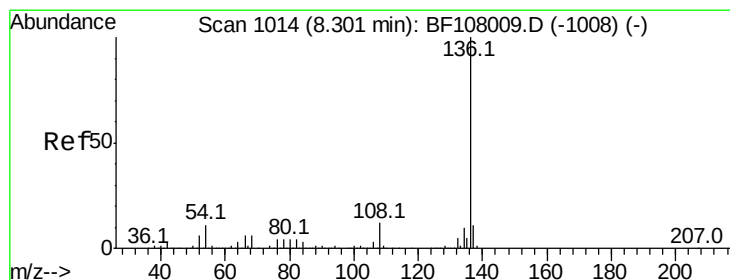
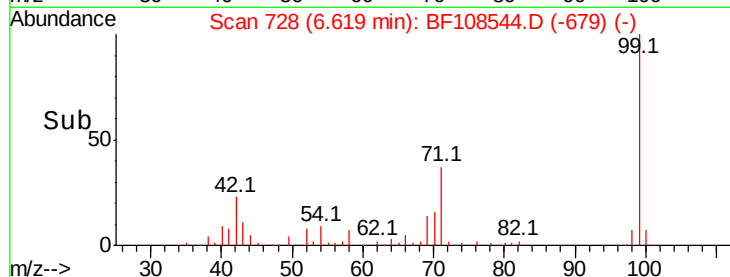
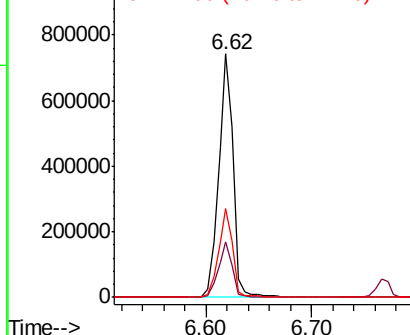
PB112391BL

Tot Ion: 99 Resp: 718191

Ion	Ratio	Lower	Upper
99	100		
42	22.9	14.5	21.7#
71	36.7	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

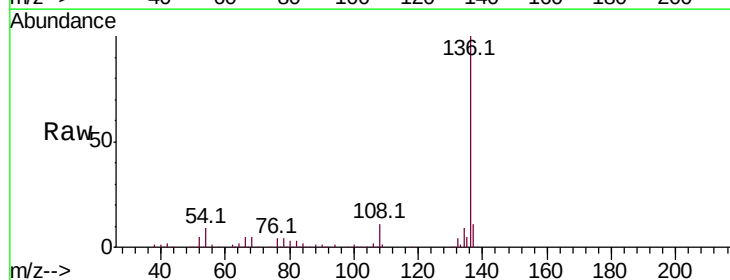
Delta R.T. -0.01 min

Lab File: BF108544.D

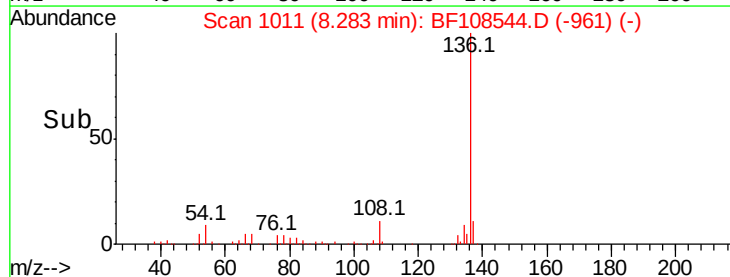
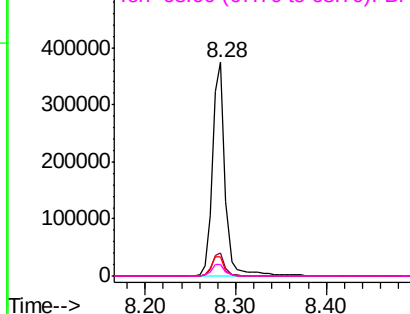
Acq: 28 Aug 2018 7:18

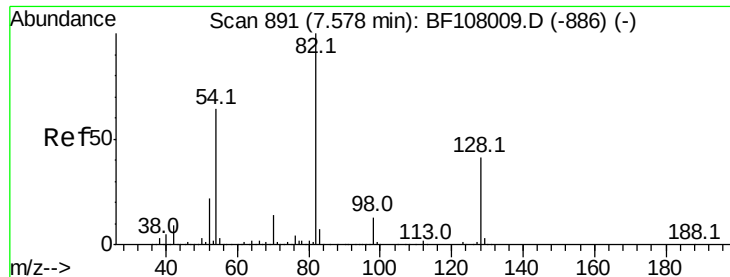
Tgt Ion: 136 Resp: 365738

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.1	6.6	9.8
68	5.5	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: 106.013 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF108544.D

Acq: 28 Aug 2018 7:18

Instrument :

BNA_F

ClientSampleId :

PB112391BL

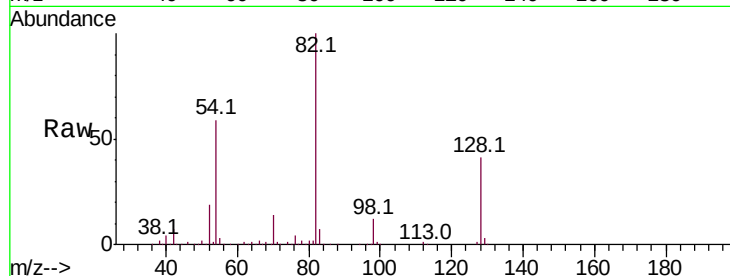
Tot Ion: 82 Resp: 694838

Ion Ratio Lower Upper

82 100

128 41.4 36.1 54.1

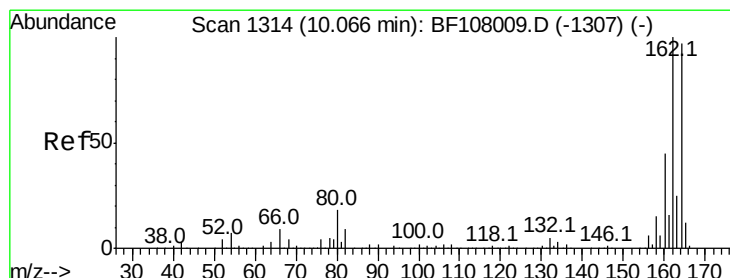
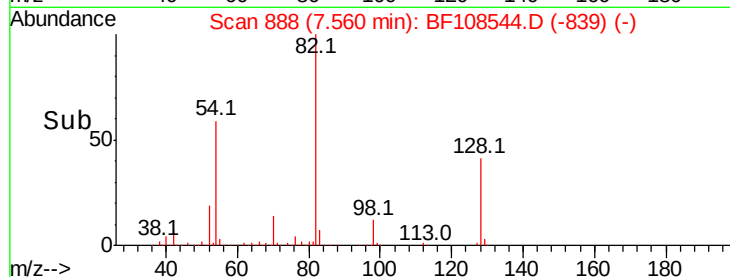
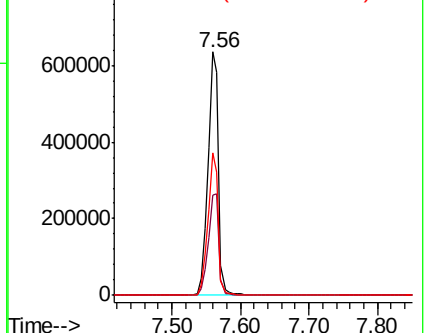
54 58.6 41.4 62.2



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: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108544.D

Acq: 28 Aug 2018 7:18

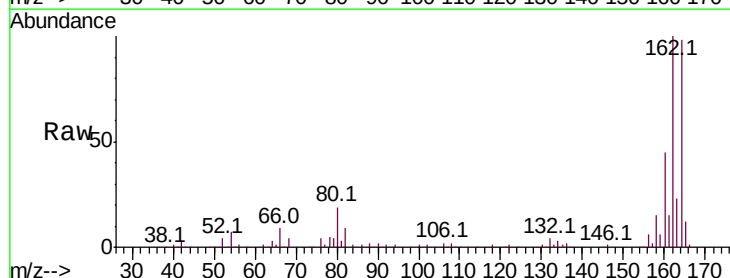
Tgt Ion:164 Resp: 159851

Ion Ratio Lower Upper

164 100

162 102.3 86.1 129.1

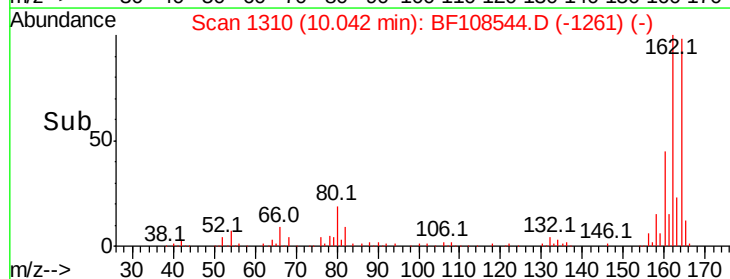
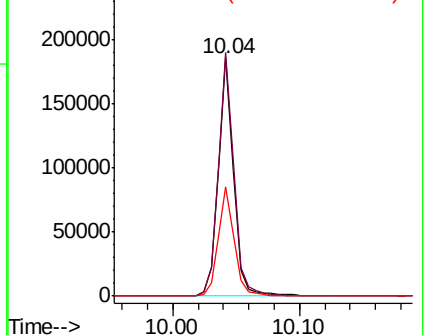
160 45.7 38.3 57.5

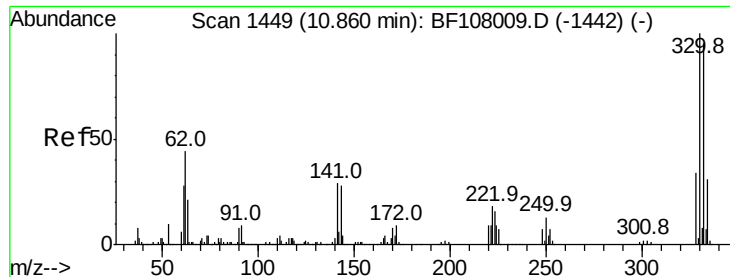


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

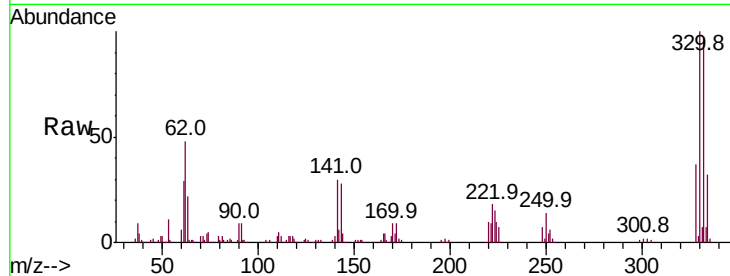




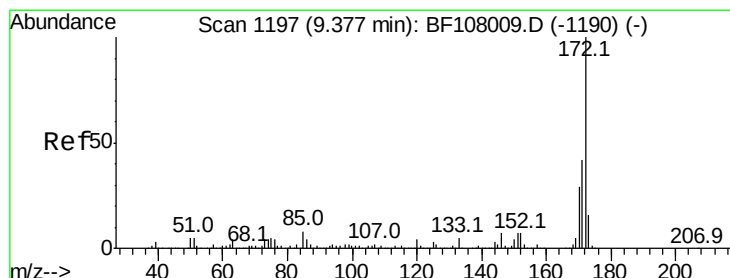
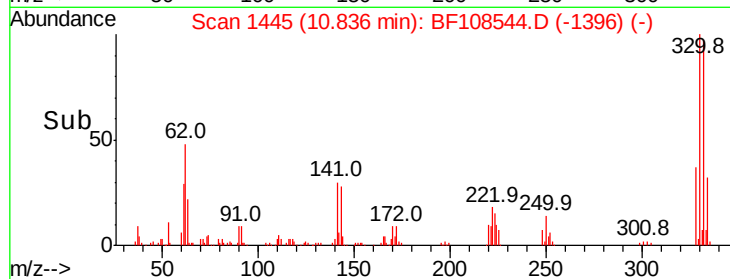
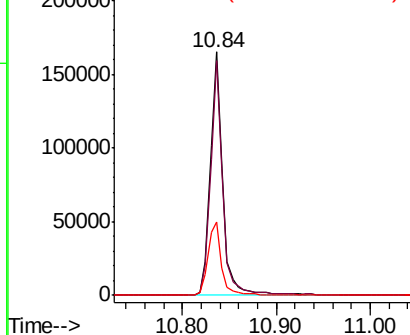
#41
 2,4,6-Tribromophenol
 Concen: 98.367 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108544.D
 Acq: 28 Aug 2018 7:18

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	32.2	29.9	44.9

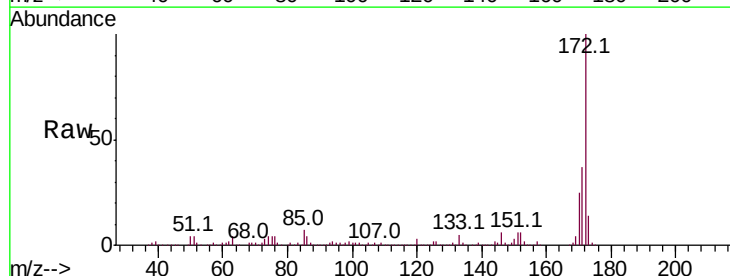


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

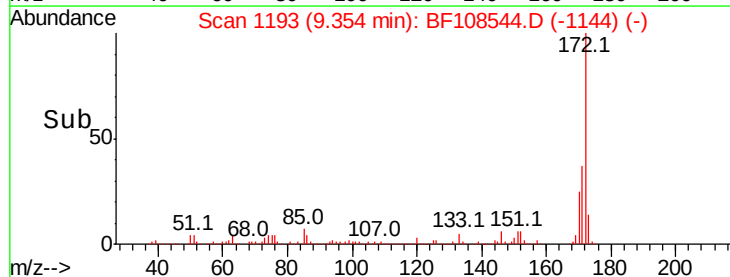
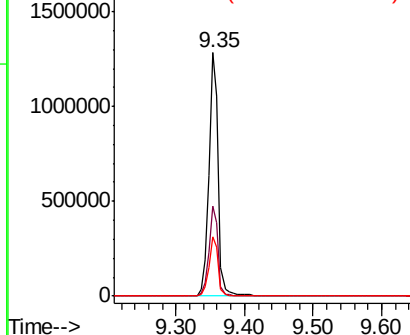


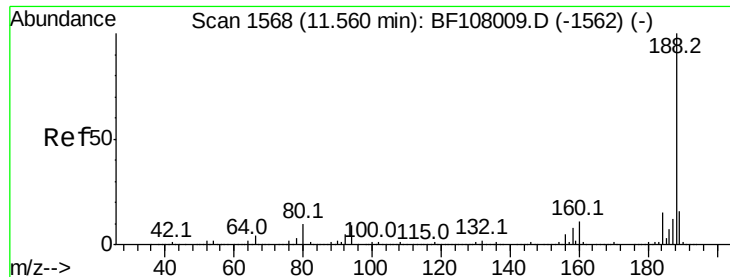
#44
 2-Fluorobiphenyl
 Concen: 124.357 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108544.D
 Acq: 28 Aug 2018 7:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.5	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

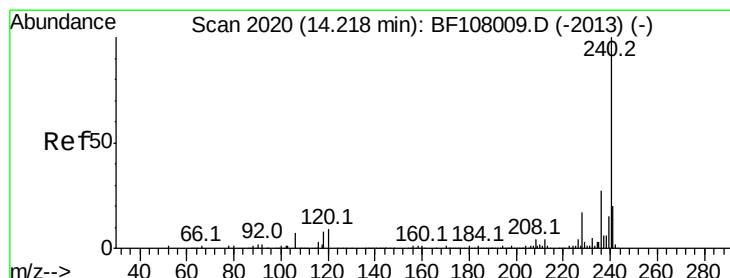
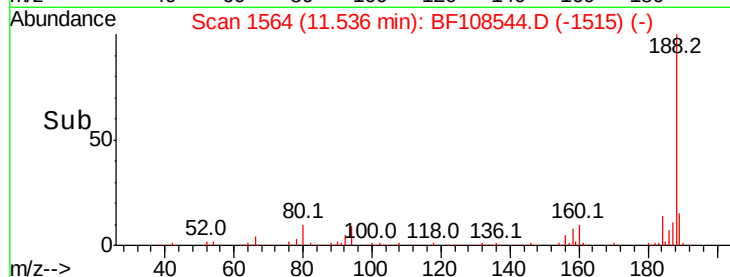
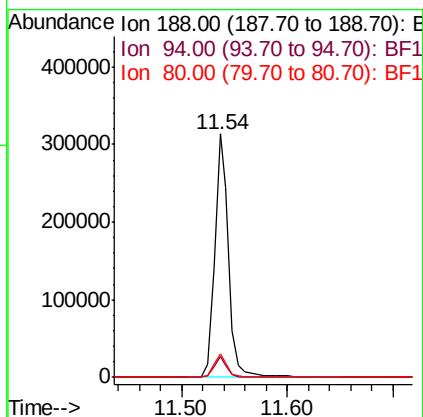
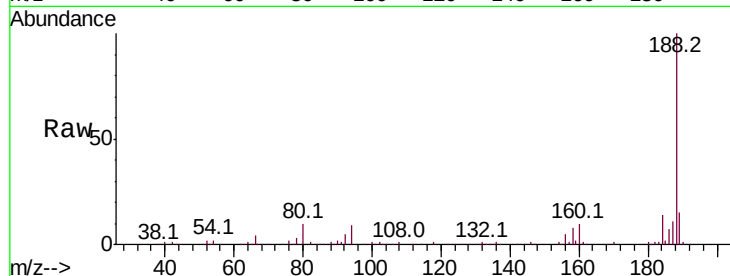




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108544.D
Acq: 28 Aug 2018 7:18

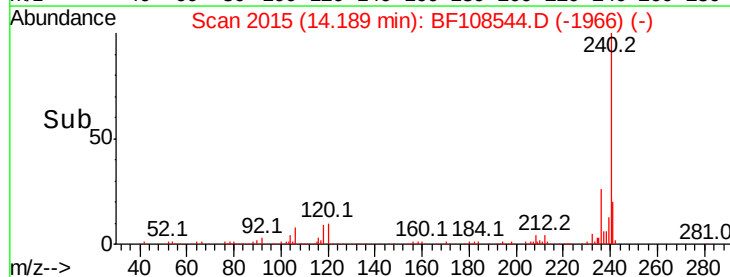
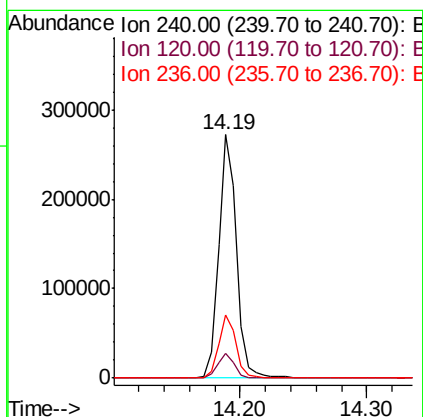
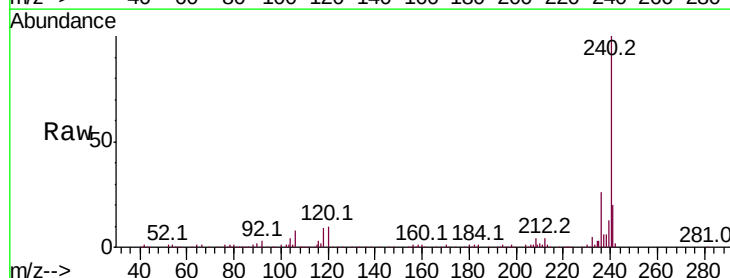
Instrument :
BNA_F
ClientSampleId :
PB112391BL

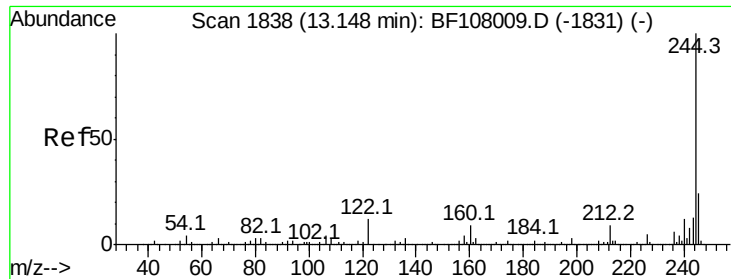
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.7	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108544.D
Acq: 28 Aug 2018 7:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	25.9	20.7	31.1

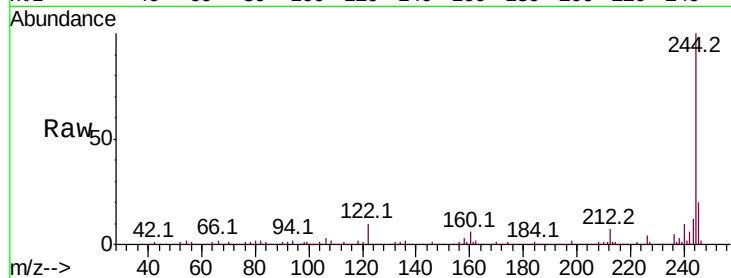




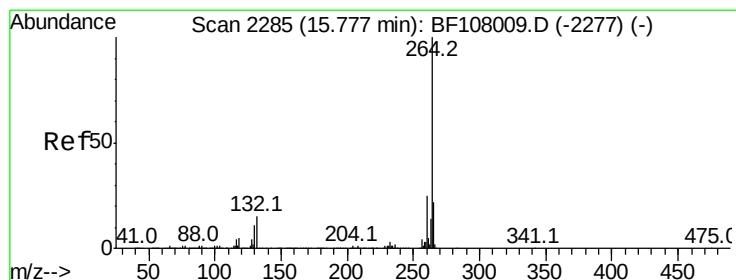
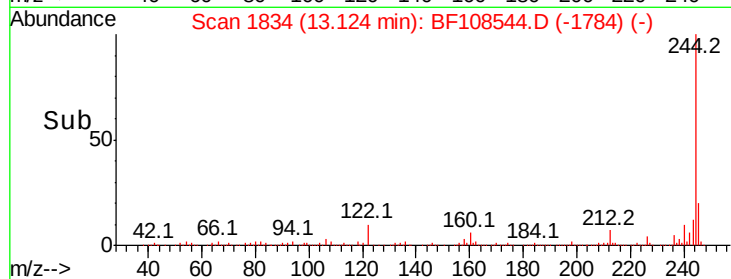
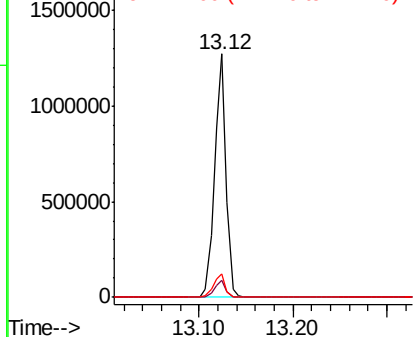
#78
 Terphenyl-d14
 Concen: 104.388 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108544.D
 Acq: 28 Aug 2018 7:18

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BL

Tot Ion:244 Resp: 1091556
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 9.7 11.0 16.4#

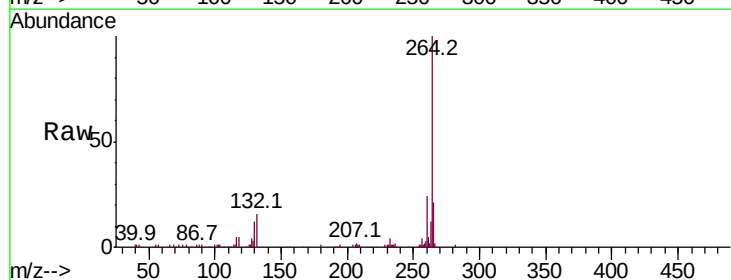


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF108544.D
 Acq: 28 Aug 2018 7:18

Tgt Ion:264 Resp: 201648
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.7 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

