

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
 Data File : BF108866.D
 Acq On : 7 Sep 2018 17:46
 Operator : JU/SJ
 Sample : J4809-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MS-DRUM-1-STONE

Quant Time: Sep 07 19:07:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

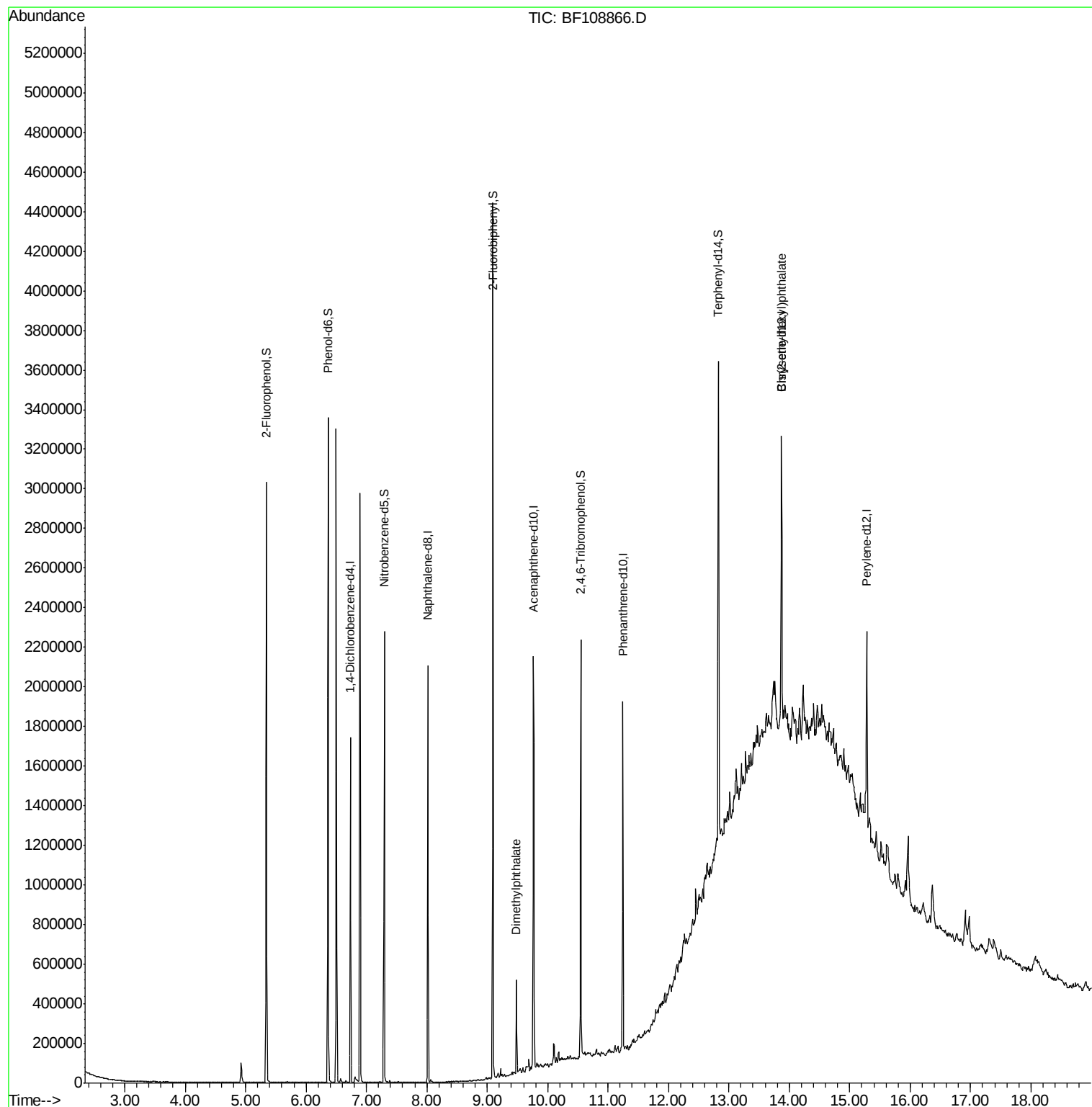
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	219406	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	838954	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	376628	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	610030	20.00	ng	0.00
75) Chrysene-d12	13.87	240	441038	20.00	ng	0.00
86) Perylene-d12	15.28	264	468899	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	903442	68.22	ng	0.01
7) Phenol-d6	6.37	99	1163797	68.30	ng	0.00
23) Nitrobenzene-d5	7.30	82	714775	53.32	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	232976	64.80	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1290506	58.46	ng	0.00
78) Terphenyl-d14	12.82	244	872612	46.14	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	153617	5.832	ng	# 99
83) Bis(2-ethylhexyl)phthalate	13.87	149	52688	2.743	ng	# 93

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

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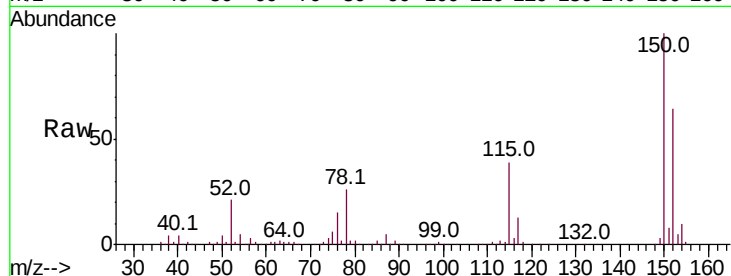


#1

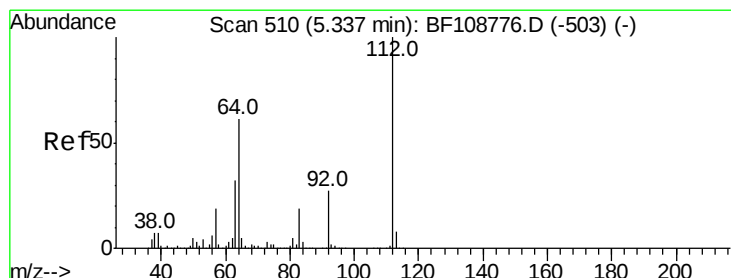
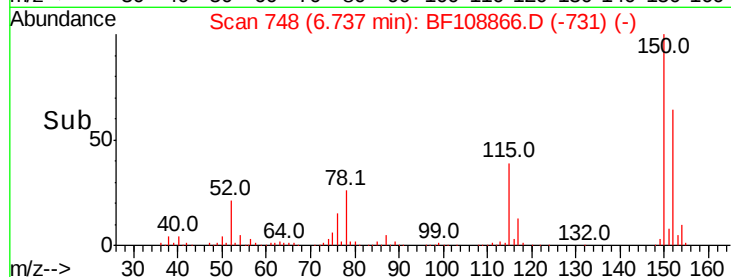
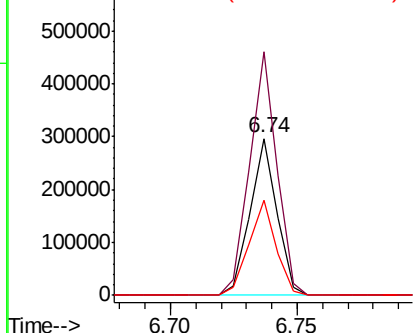
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108866.D
Acq: 7 Sep 2018 17:46

Instrument :
BNA_F
ClientSampleId :
MS-DRUM-1-STONE

Tot Ion:152 Resp: 219406
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 60.4 50.1 75.1



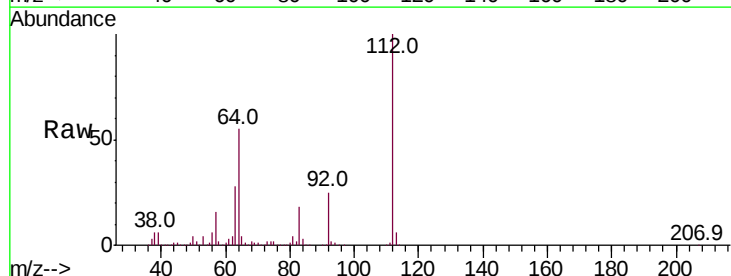
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



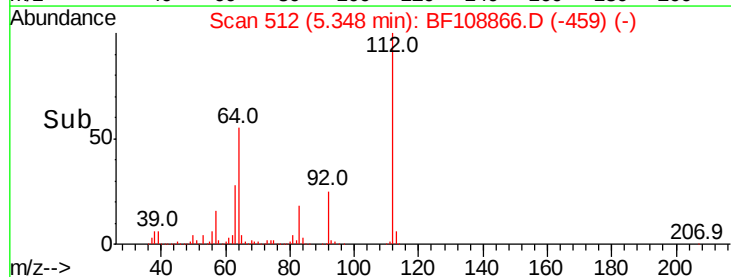
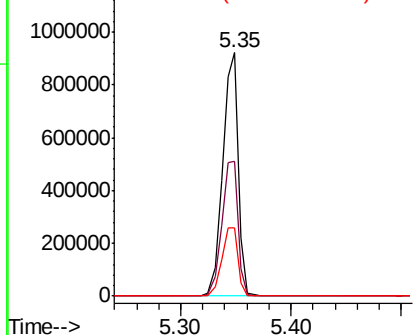
#5

2-Fluorophenol
Concen: 68.216 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108866.D
Acq: 7 Sep 2018 17:46

Tgt Ion:112 Resp: 903442
Ion Ratio Lower Upper
112 100
64 55.2 47.9 71.9
63 28.3 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: 68.297 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF108866.D

Acq: 7 Sep 2018 17:46

Instrument :

BNA_F

ClientSampleId :

MS-DRUM-1-STONE

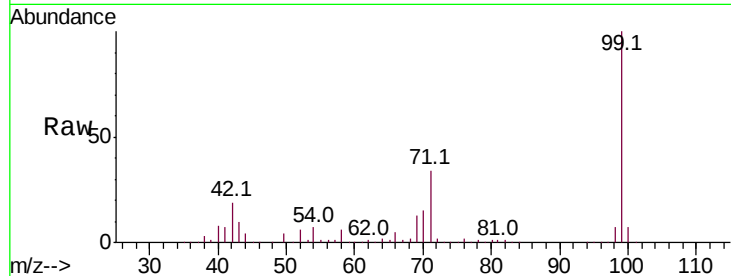
Tot Ion: 99 Resp: 1163797

Ion Ratio Lower Upper

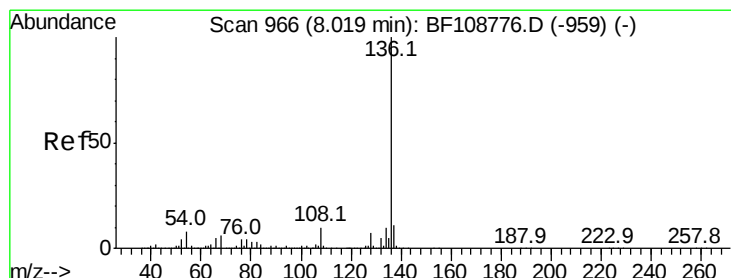
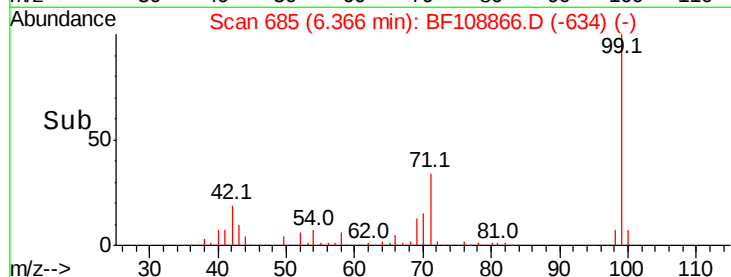
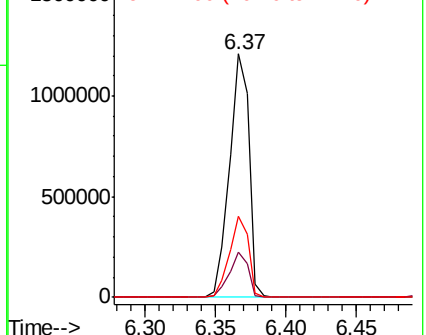
99 100

42 18.7 14.5 21.7

71 33.6 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: 8.02 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF108866.D

Acq: 7 Sep 2018 17:46

Tgt Ion: 136 Resp: 838954

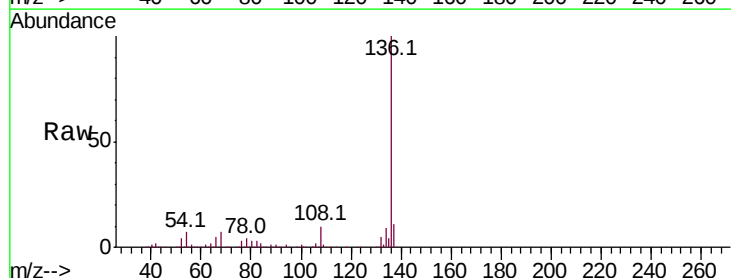
Ion Ratio Lower Upper

136 100

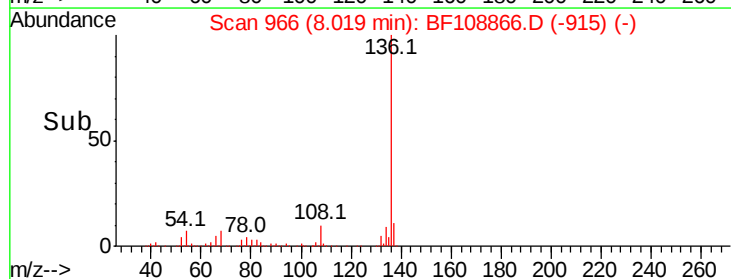
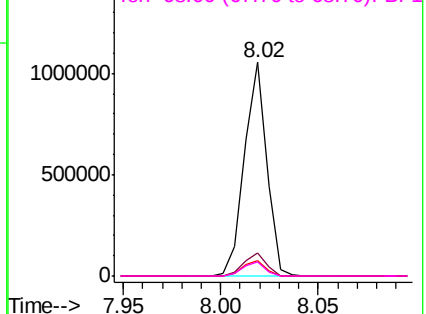
137 10.8 8.9 13.3

54 7.5 6.6 9.8

68 6.7 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

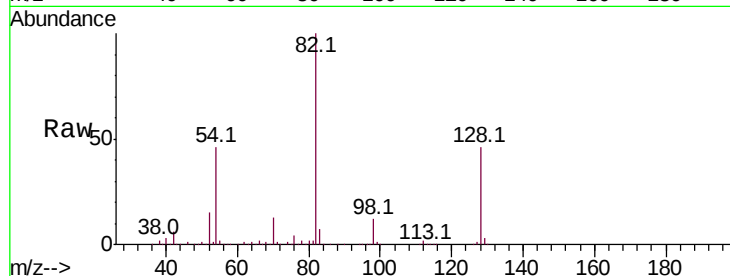




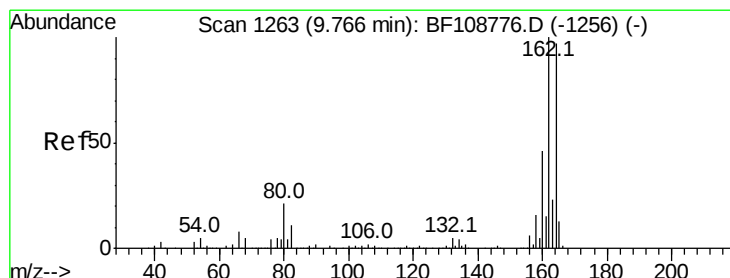
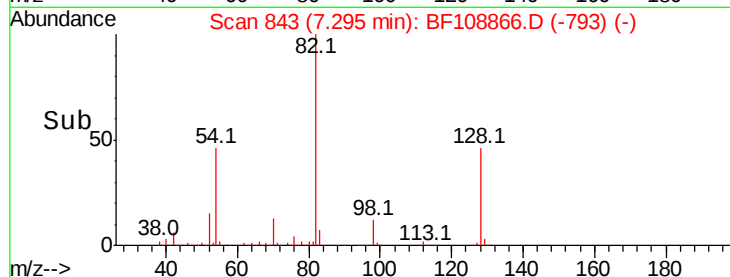
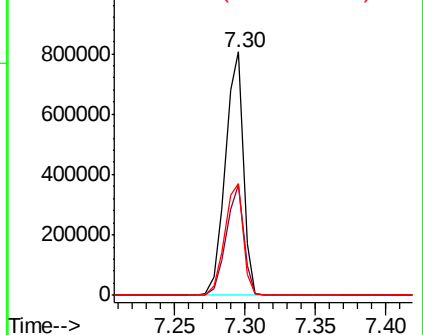
#23
 Nitrobenzene-d5
 Concen: 53.318 ng
 RT: 7.30 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF108866.D
 Acq: 7 Sep 2018 17:46

Instrument :
 BNA_F
 ClientSampleId :
 MS-DRUM-1-STONE

Tot Ion	82	Resp	714775
Ion Ratio	100	Lower	Upper
128	45.6	36.1	54.1
54	45.9	41.4	62.2

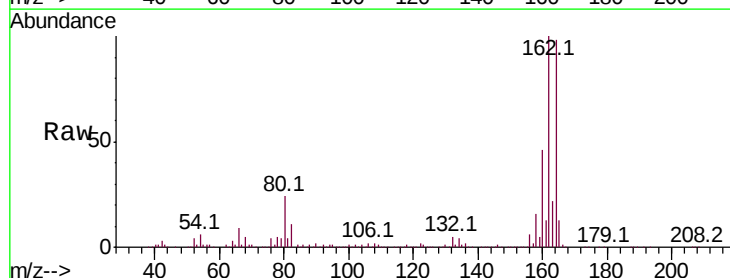


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

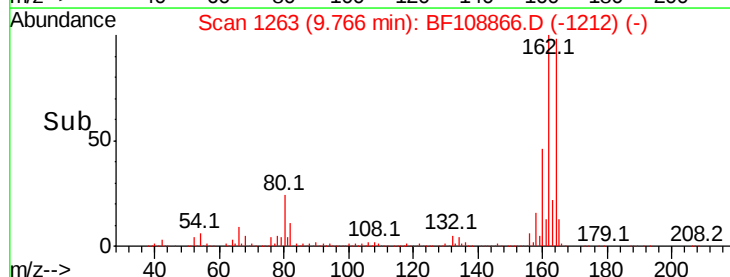
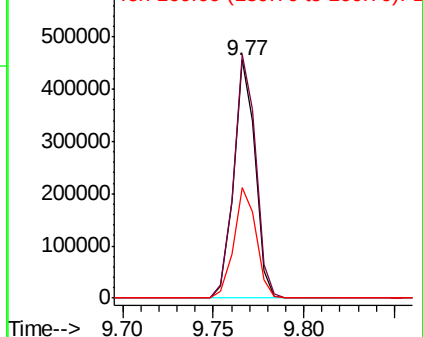


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BF108866.D
 Acq: 7 Sep 2018 17:46

Tgt Ion	164	Resp	376628
Ion Ratio	100	Lower	Upper
162	102.2	86.1	129.1
160	46.6	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

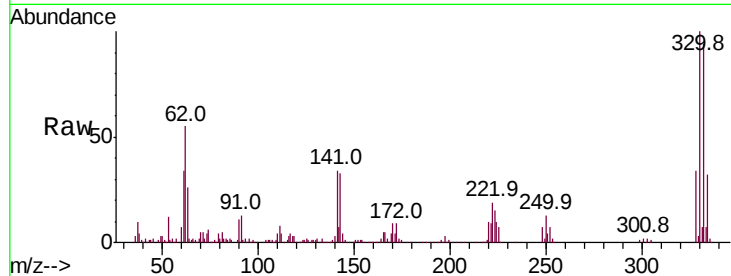




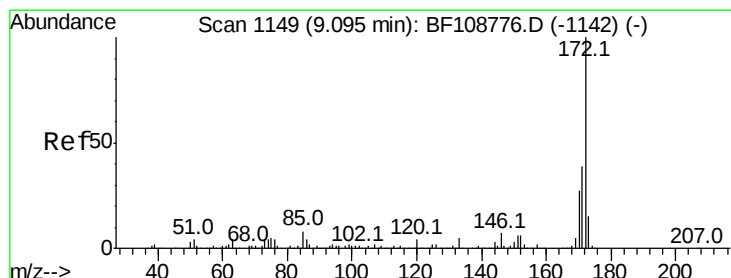
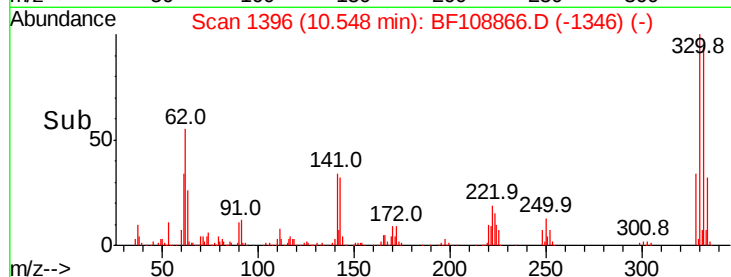
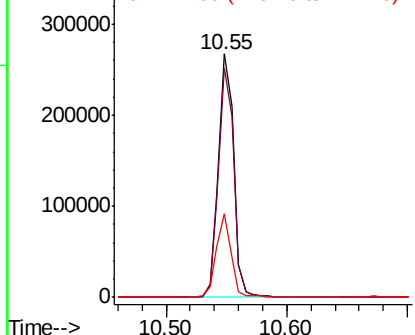
#41
 2,4,6-Tribromophenol
 Concen: 64.797 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108866.D
 Acq: 7 Sep 2018 17:46

Instrument :
 BNA_F
 ClientSampleId :
 MS-DRUM-1-STONE

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	32.4	29.9	44.9

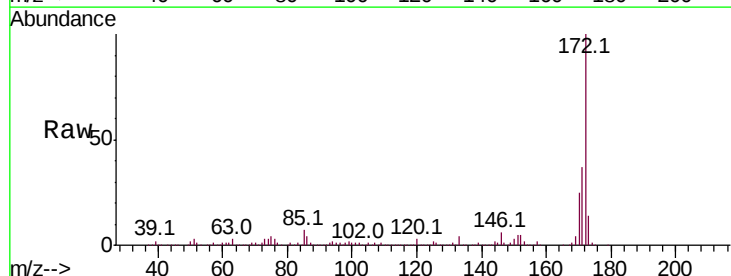


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

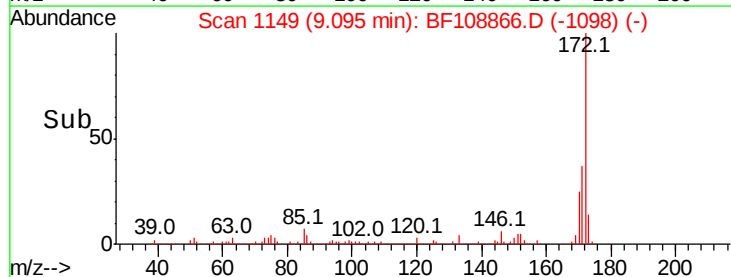
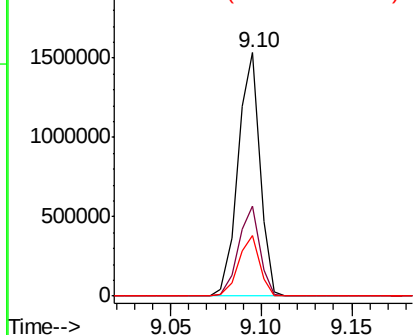


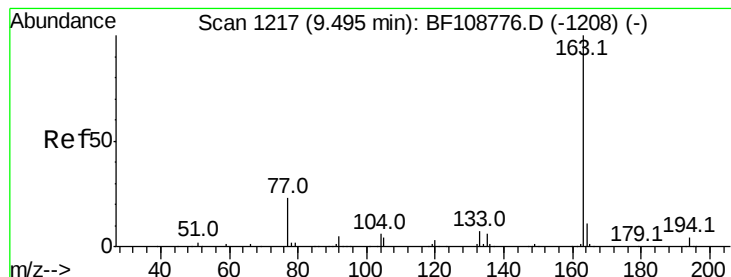
#44
 2-Fluorobiphenyl
 Concen: 58.455 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF108866.D
 Acq: 7 Sep 2018 17:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.7	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





#49

Dimethylphthalate

Concen: 5.832 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF108866.D

Acq: 7 Sep 2018 17:46

Instrument :

BNA_F

ClientSampleId :

MS-DRUM-1-STONE

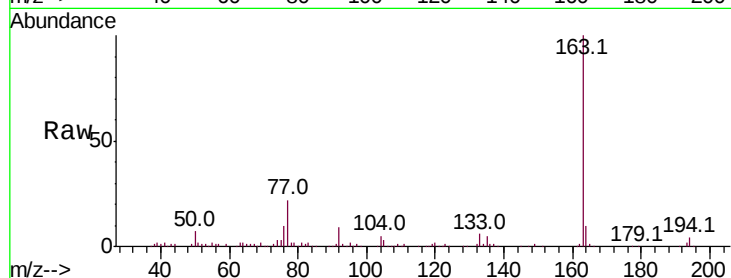
Tot Ion:163 Resp: 153617

Ion Ratio Lower Upper

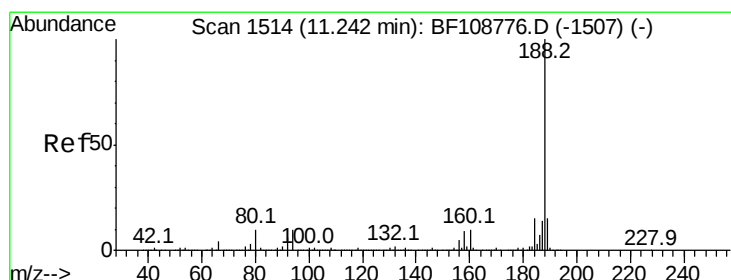
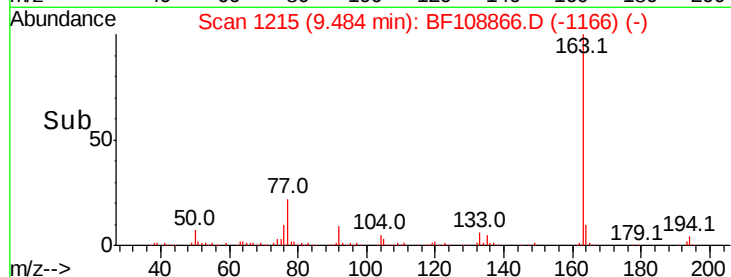
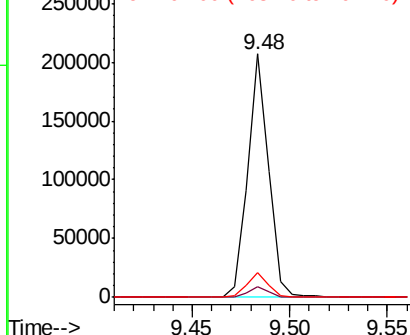
163 100

194 4.2 2.7 4.1#

164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BF108866.D

Acq: 7 Sep 2018 17:46

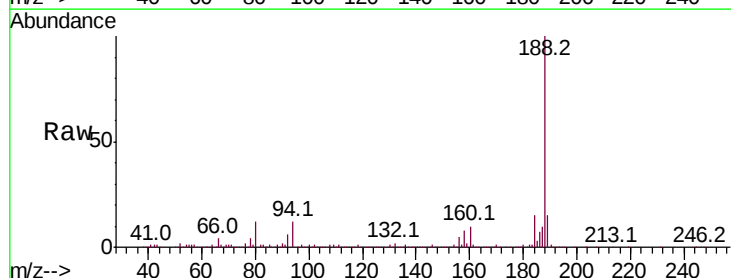
Tgt Ion:188 Resp: 610030

Ion Ratio Lower Upper

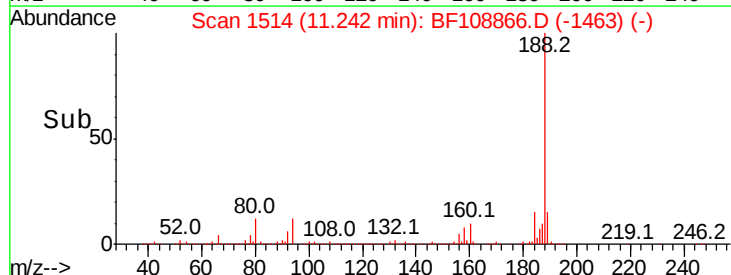
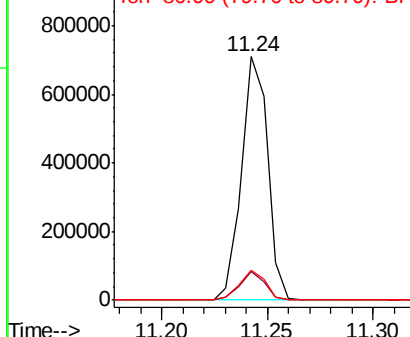
188 100

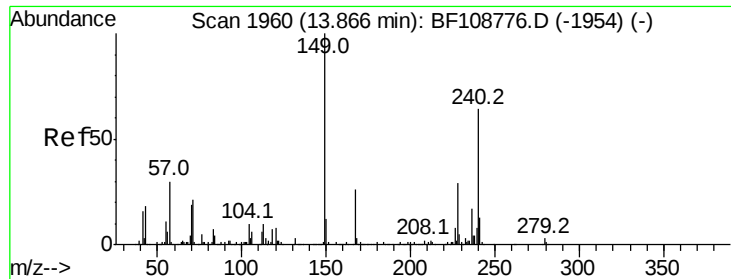
94 11.7 8.5 12.7

80 12.3 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: 13.87 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BF108866.D

Acq: 7 Sep 2018 17:46

Instrument :

BNA_F

ClientSampleId :

MS-DRUM-1-STONE

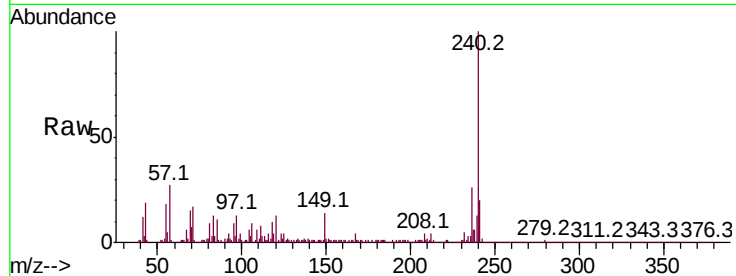
Tot Ion:240 Resp: 441038

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

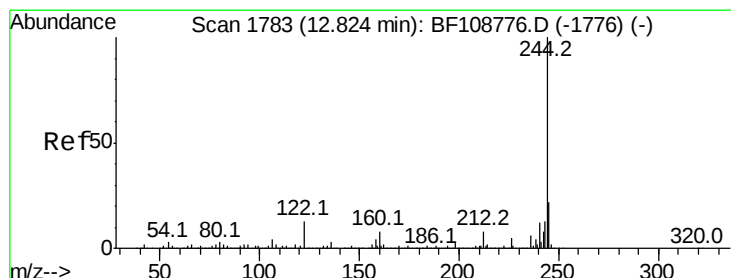
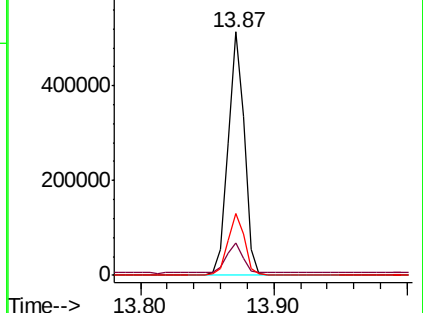
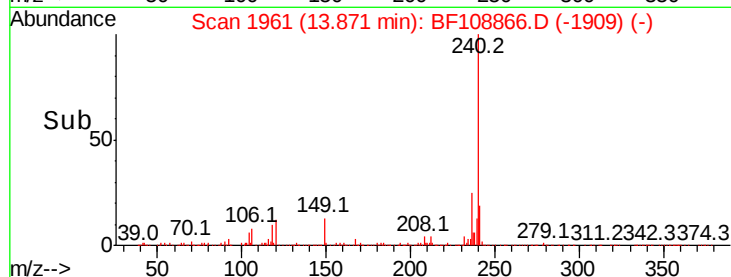
236 25.6 20.7 31.1



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: 46.138 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108866.D

Acq: 7 Sep 2018 17:46

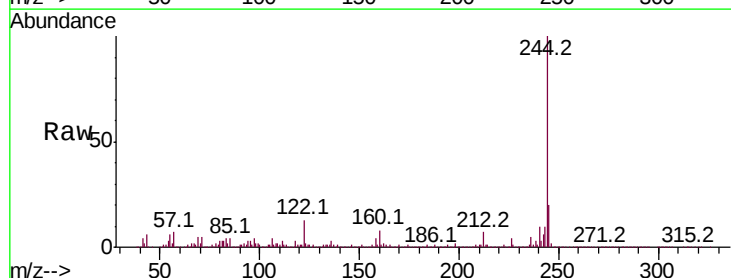
Tgt Ion:244 Resp: 872612

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

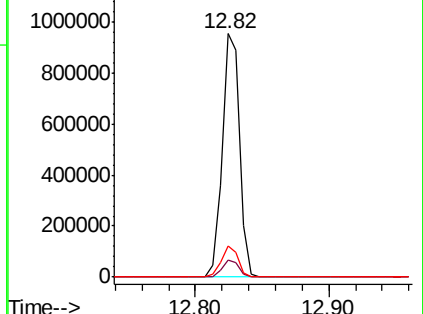
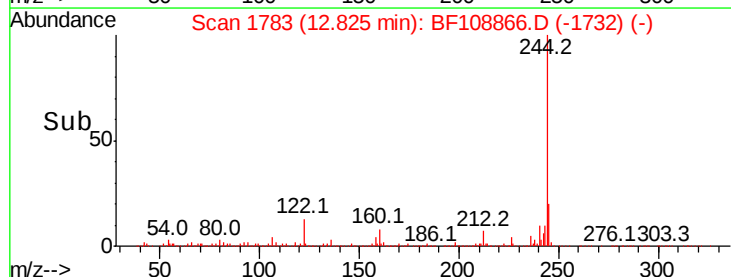
122 13.0 11.0 16.4

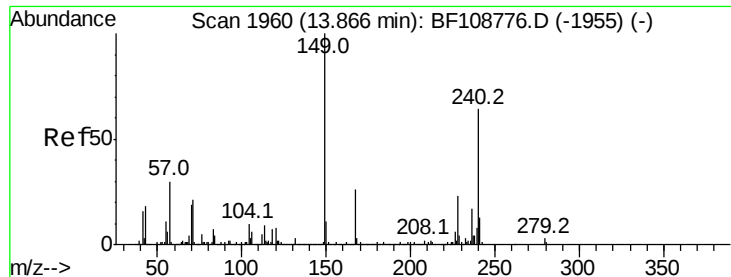


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

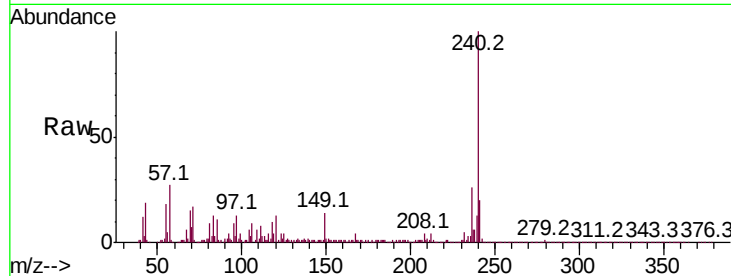




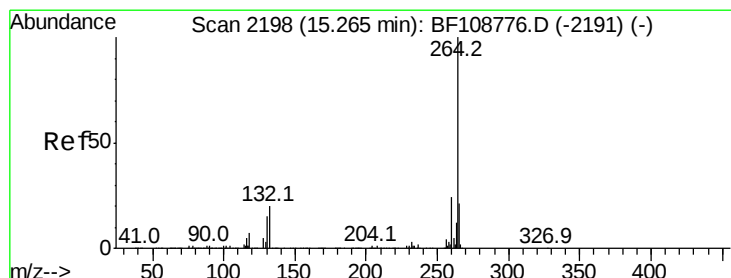
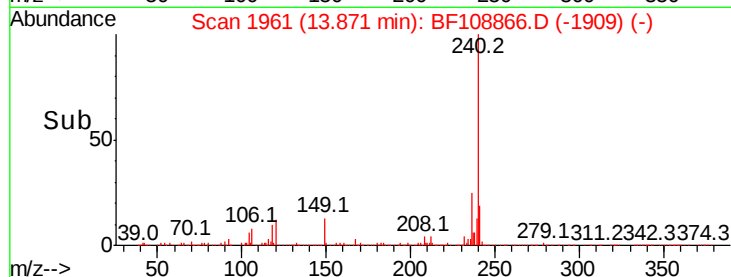
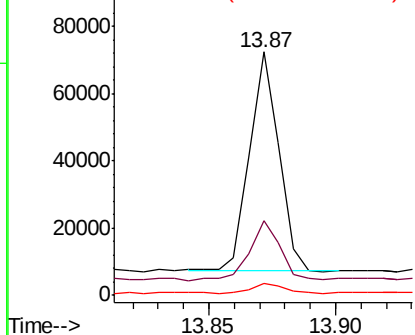
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.743 ng
RT: 13.87 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BF108866.D
Acq: 7 Sep 2018 17:46

Instrument :
BNA_F
ClientSampleId :
MS-DRUM-1-STONE

Tot Ion:149 Resp: 52688
Ion Ratio Lower Upper
149 100
167 30.6 21.3 31.9
279 4.8 3.0 4.4#

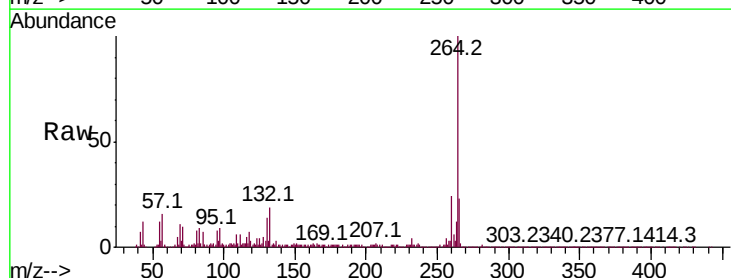


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2201
Delta R.T. 0.02 min
Lab File: BF108866.D
Acq: 7 Sep 2018 17:46

Tgt Ion:264 Resp: 468899
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 22.9 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

