

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
 Data File : BF096248.D
 Acq On : 28 Jun 2017 14:39
 Operator : SJ/MA
 Sample : I3893-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC062317-1S

Quant Time: Jun 28 18:03:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

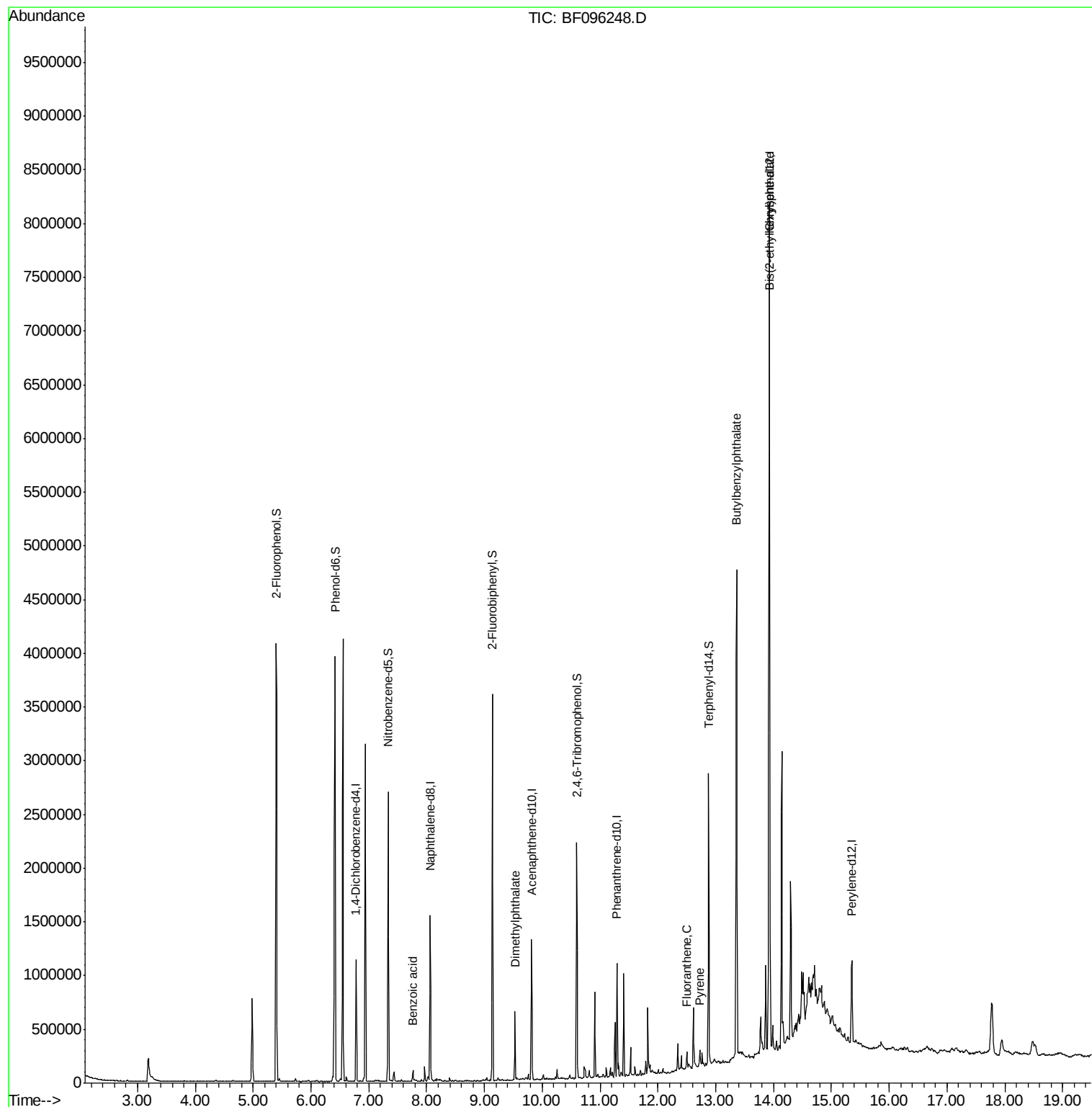
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	156190	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	610491	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	228196	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	360457	20.00	ng	0.00
75) Chrysene-d12	13.92	240	229467	20.00	ng	0.00
86) Perylene-d12	15.36	264	344910	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1178971	108.75	ng	0.02
7) Phenol-d6	6.42	99	1399324	106.59	ng	0.02
23) Nitrobenzene-d5	7.34	82	788736	89.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	254117	141.50	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1027337	82.45	ng	-0.01
78) Terphenyl-d14	12.88	244	818562	89.01	ng	0.01
Target Compounds						Qvalue
32) Benzoic acid	7.77	122	25414	12.03	ng	90
49) Dimethylphthalate	9.53	163	236226	14.46	ng	98
74) Fluoranthene	12.50	202	59840	2.99	ng	95
77) Pyrene	12.73	202	55971	2.97	ng	99
79) Butylbenzylphthalate	13.36	149	1098853	127.16	ng	# 78
83) Bis(2-ethylhexyl)phthalate	13.93	149	3110855	331.24	ng	# 99

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

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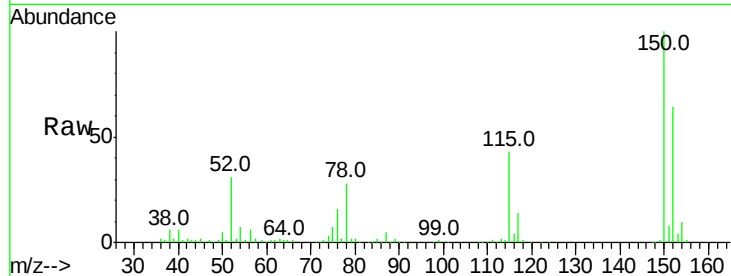


#1

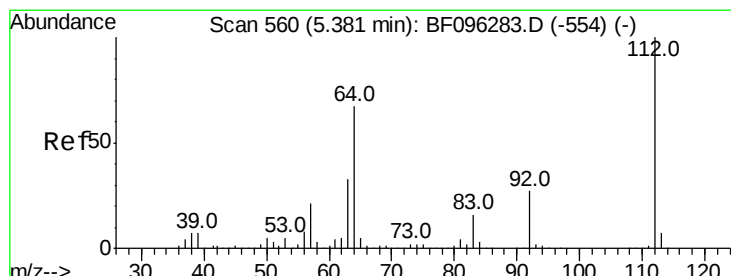
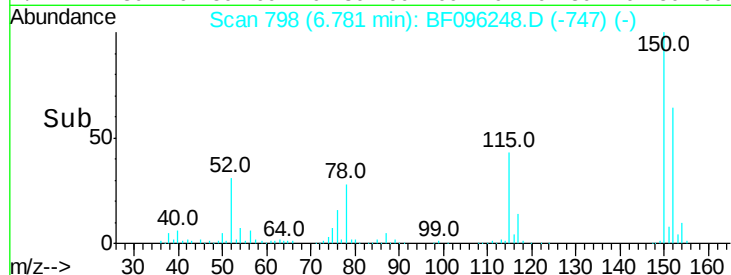
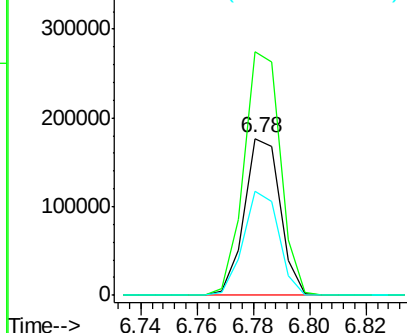
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF096248.D
Acq: 28 Jun 2017 14:39

Instrument :
BNA_F
ClientSampleId :
WC062317-1S

Tot Ion:152 Resp: 156190
Ion Ratio Lower Upper
152 100
150 155.2 126.2 189.2
115 66.3 52.2 78.2



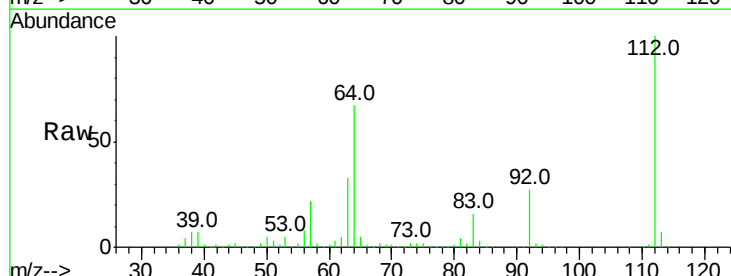
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



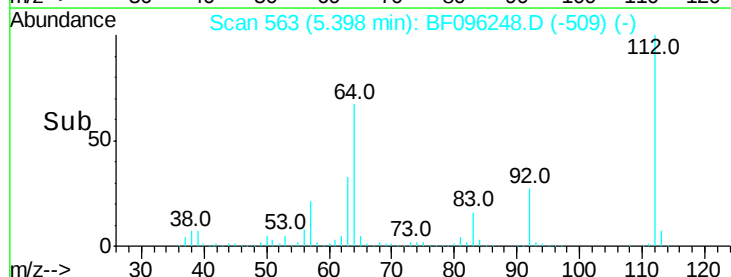
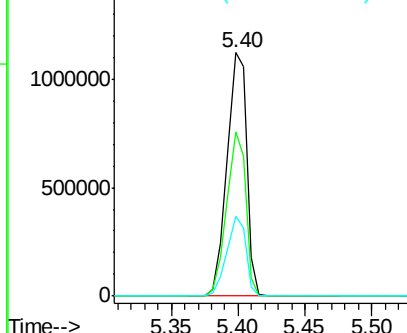
#5

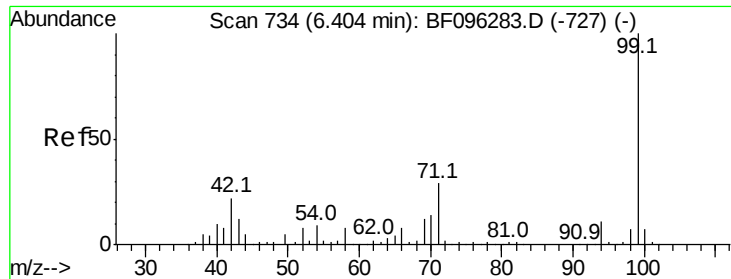
2-Fluorophenol
Concen: 108.75 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF096248.D
Acq: 28 Jun 2017 14:39

Tgt Ion:112 Resp: 1178971
Ion Ratio Lower Upper
112 100
64 67.4 46.0 69.0
63 32.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.59 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.02 min

Lab File: BF096248.D

Acq: 28 Jun 2017 14:39

Instrument :

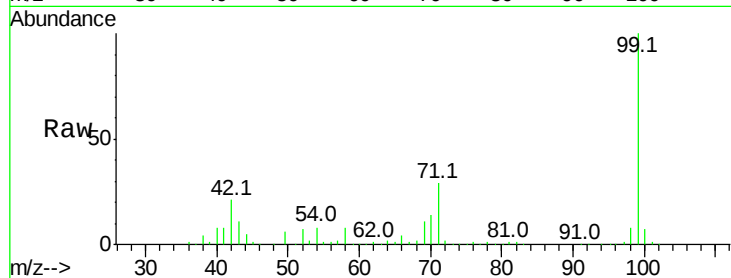
BNA_F

ClientSampleId :

WC062317-1S

Tot Ion: 99 Resp: 1399324

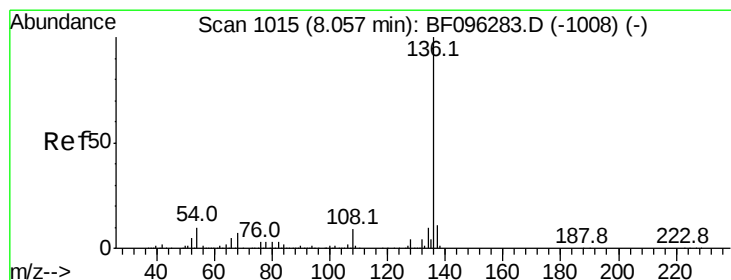
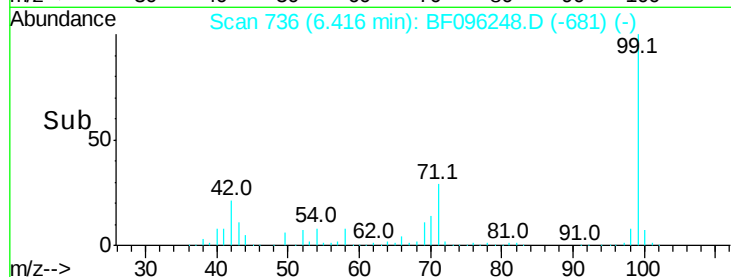
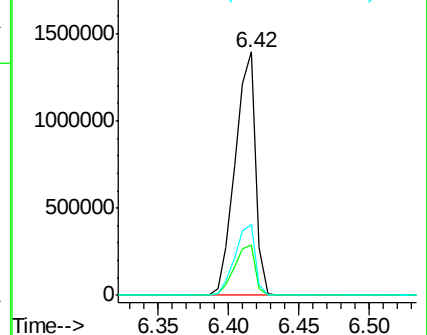
Ion	Ratio	Lower	Upper
99	100		
42	20.8	13.5	20.3#
71	29.3	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF096248.D

Acq: 28 Jun 2017 14:39

Tgt Ion: 136 Resp: 610491

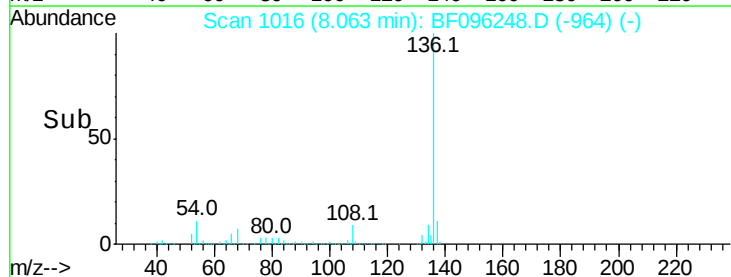
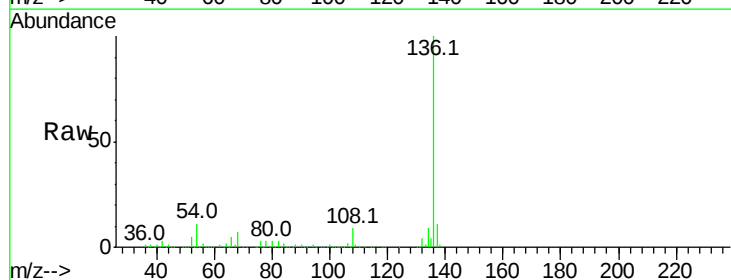
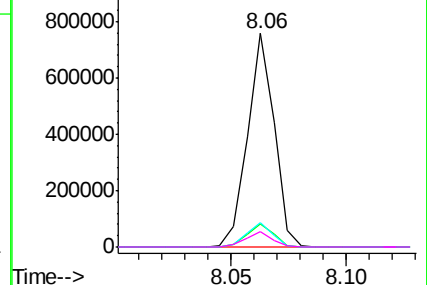
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	11.1	4.9	7.3#
68	7.1	4.1	6.1#

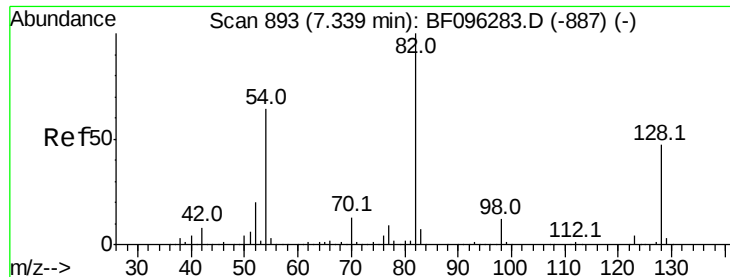
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

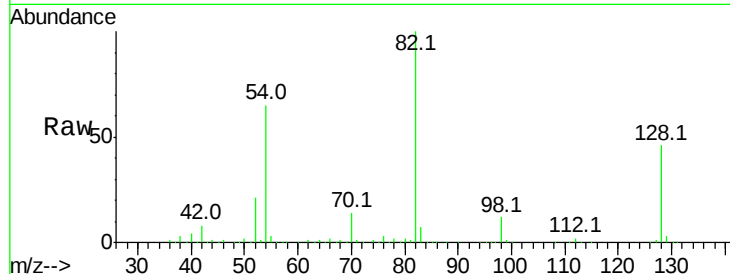




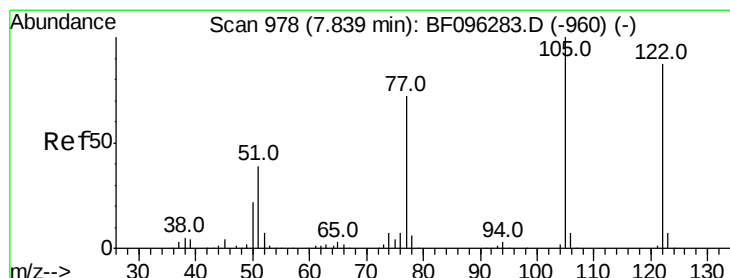
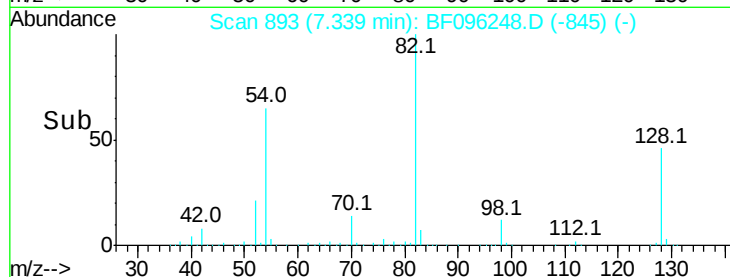
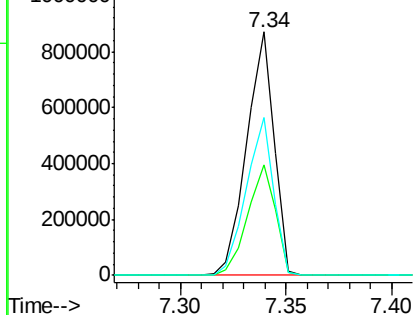
#23
Nitrobenzene-d5
Concen: 89.44 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF096248.D
Acq: 28 Jun 2017 14:39

Instrument :
BNA_F
ClientSampleId :
WC062317-1S

Tot Ion: 82 Resp: 788736
Ion Ratio Lower Upper
82 100
128 45.6 34.0 51.0
54 64.9 42.2 63.2#

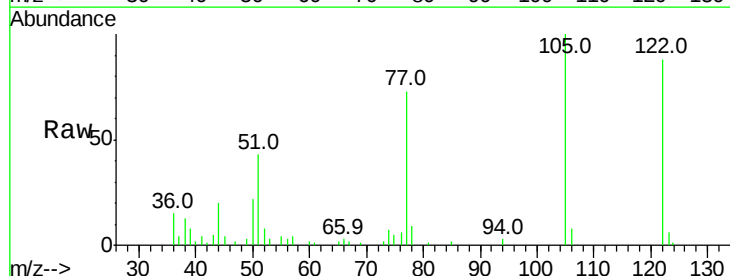


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

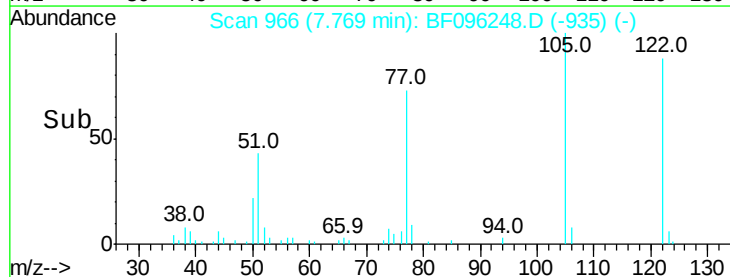
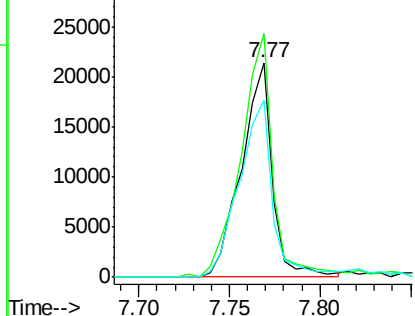


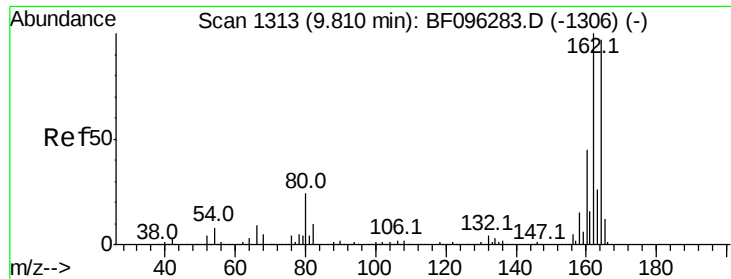
#32
Benzoic acid
Concen: 12.03 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.12 min
Lab File: BF096248.D
Acq: 28 Jun 2017 14:39

Tgt Ion:122 Resp: 25414
Ion Ratio Lower Upper
122 100
105 113.5 103.3 143.3
77 82.7 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

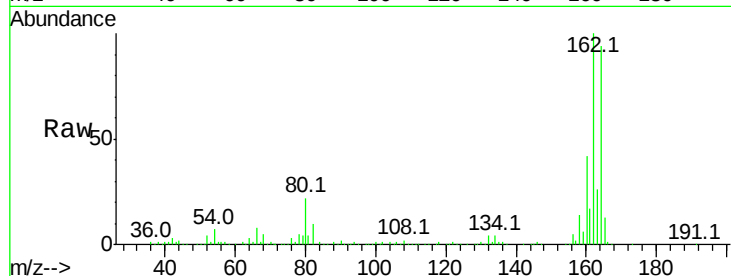




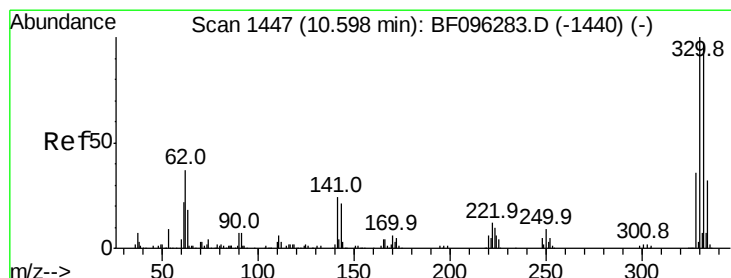
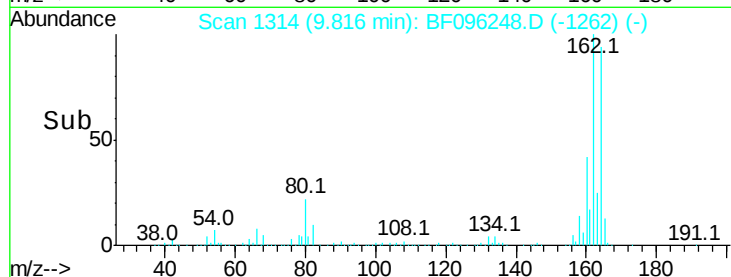
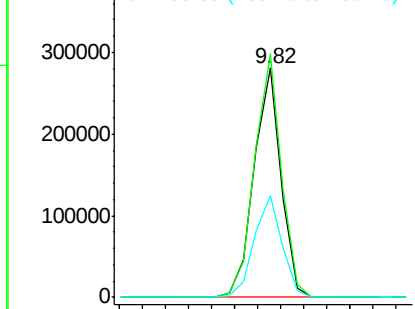
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF096248.D
 Acq: 28 Jun 2017 14:39

Instrument :
 BNA_F
 ClientSampleId :
 WC062317-1S

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.6	123.8
160	44.4	36.2	54.2

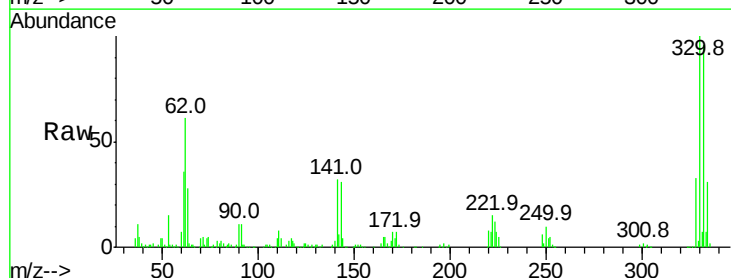


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

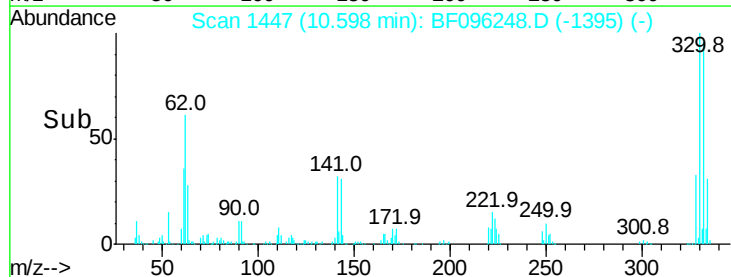
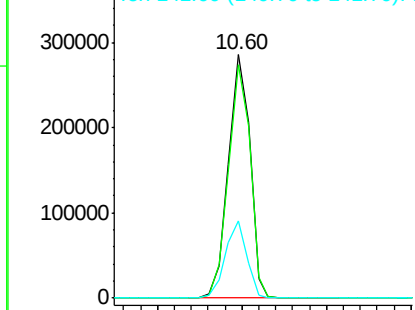


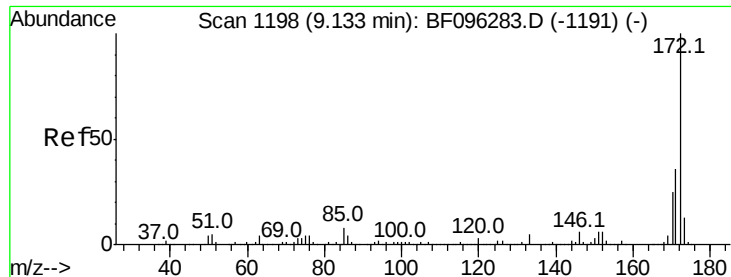
#41
 2,4,6-Tribromophenol
 Concen: 141.50 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF096248.D
 Acq: 28 Jun 2017 14:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	31.4	31.4	47.2#



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

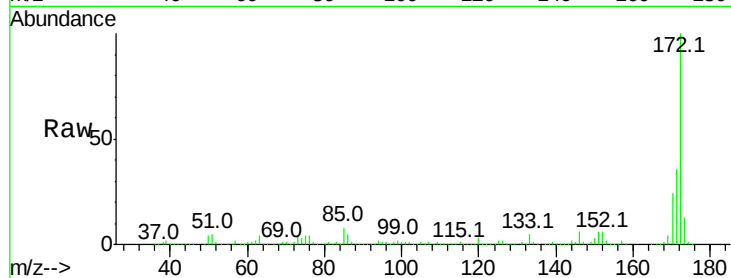




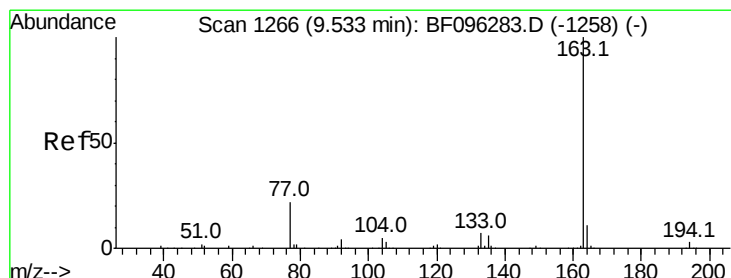
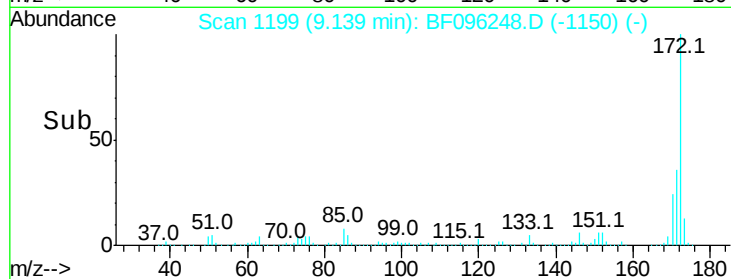
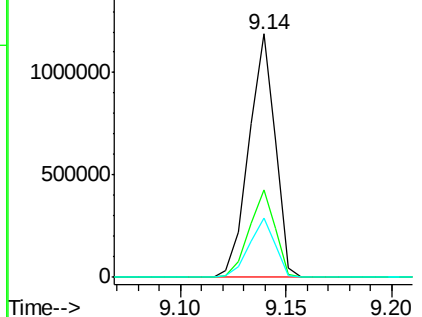
#44
2-Fluorobiphenyl
Concen: 82.45 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF096248.D
Acq: 28 Jun 2017 14:39

Instrument :
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ClientSampleId :
WC062317-1S

Tot Ion:172 Resp: 1027337
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.2 19.8 29.8

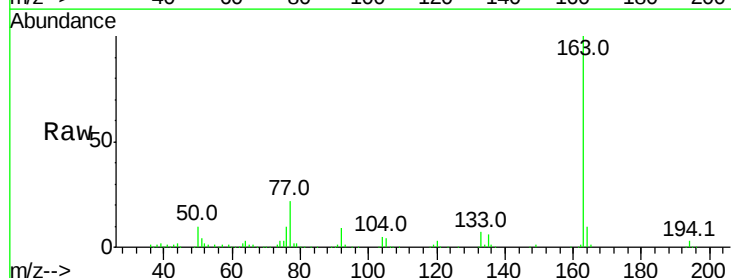


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

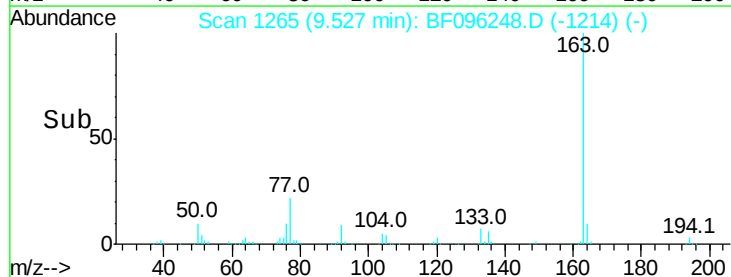
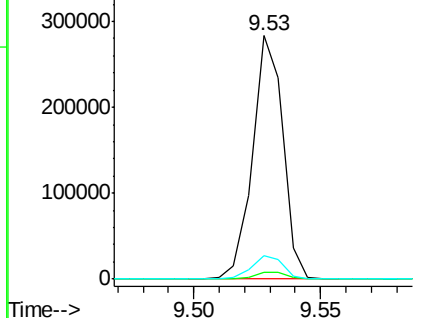


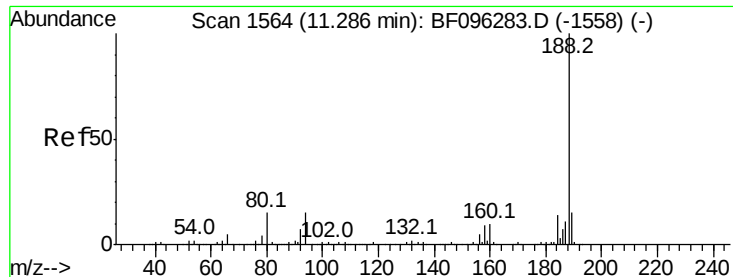
#49
Dimethylphthalate
Concen: 14.46 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF096248.D
Acq: 28 Jun 2017 14:39

Tgt Ion:163 Resp: 236226
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 9.7 8.4 12.6



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: 20.00 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.01 min

Lab File: BF096248.D

Acq: 28 Jun 2017 14:39

Instrument :

BNA_F

ClientSampleId :

WC062317-1S

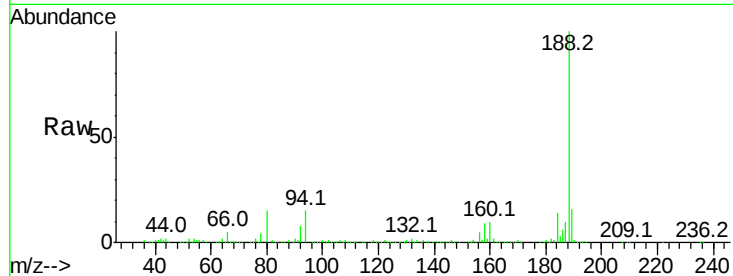
Tot Ion:188 Resp: 360457

Ion Ratio Lower Upper

188 100

94 14.6 9.4 14.2#

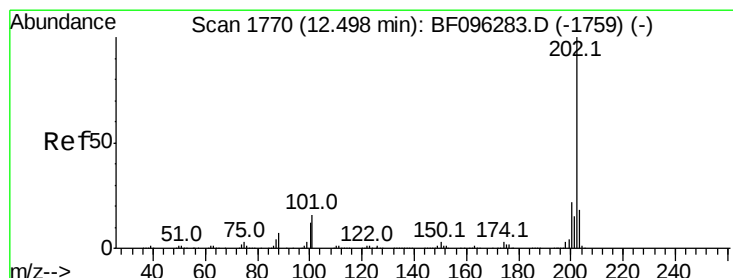
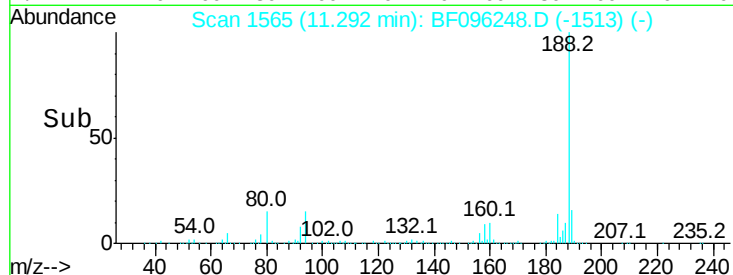
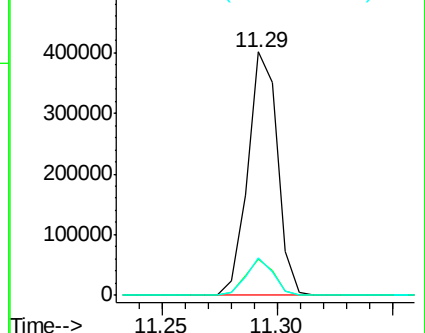
80 15.4 10.2 15.2#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#74

Fluoranthene

Concen: 2.99 ng

RT: 12.50 min Scan# 1771

Delta R.T. 0.01 min

Lab File: BF096248.D

Acq: 28 Jun 2017 14:39

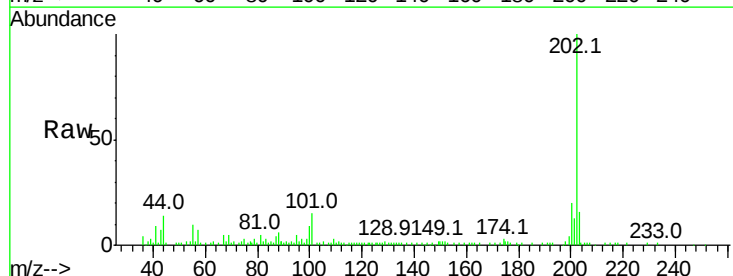
Tgt Ion:202 Resp: 59840

Ion Ratio Lower Upper

202 100

101 15.3 0.0 33.2

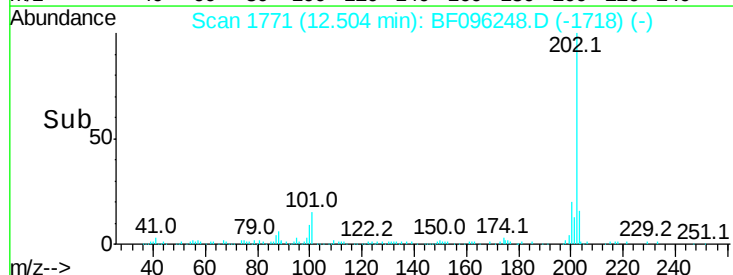
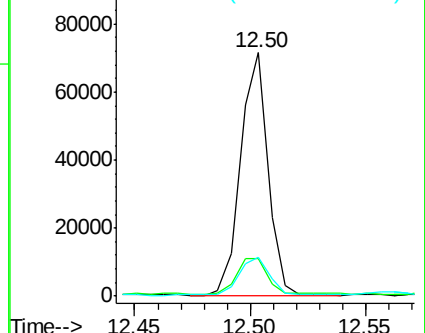
203 16.1 0.0 38.1

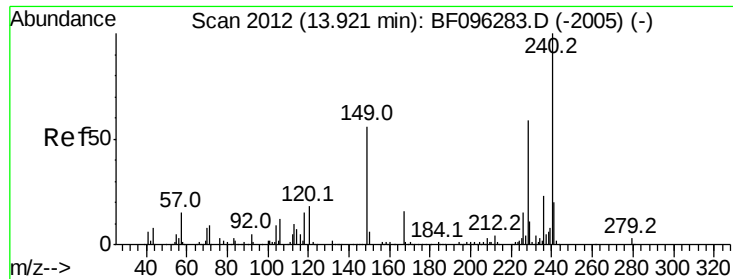


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BF096248.D

Acq: 28 Jun 2017 14:39

Instrument :

BNA_F

ClientSampleId :

WC062317-1S

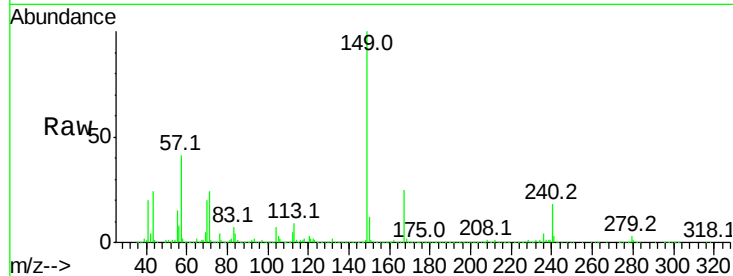
Tot Ion:240 Resp: 229467

Ion Ratio Lower Upper

240 100

120 16.4 5.8 8.8#

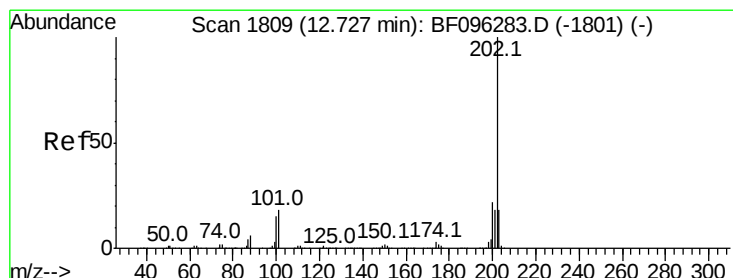
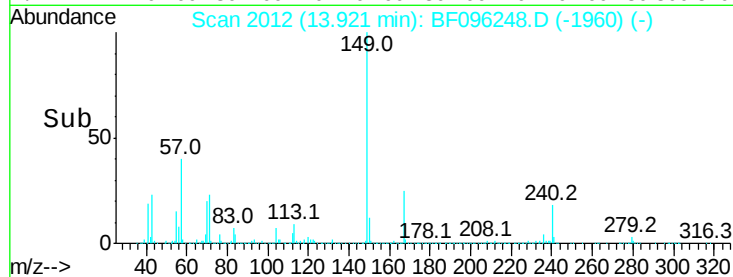
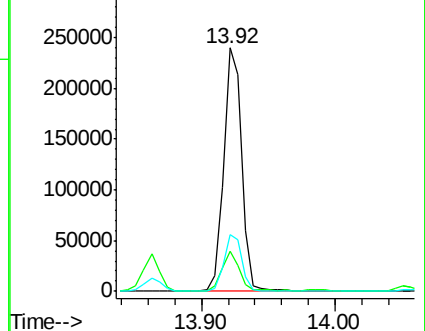
236 23.4 20.5 30.7



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



#77

Pyrene

Concen: 2.97 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF096248.D

Acq: 28 Jun 2017 14:39

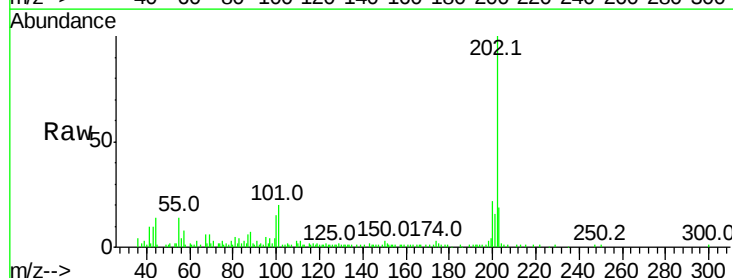
Tgt Ion:202 Resp: 55971

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

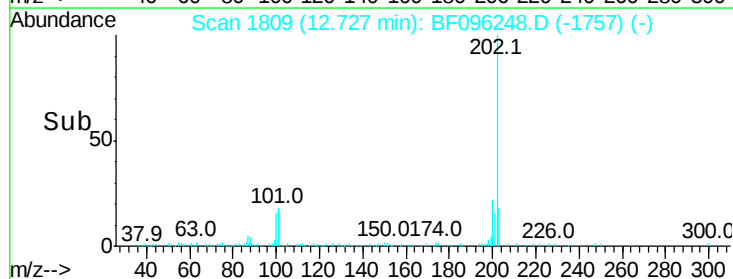
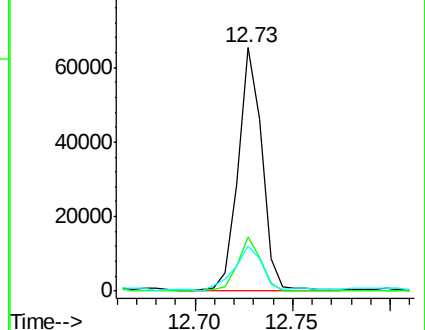
203 18.7 14.4 21.6

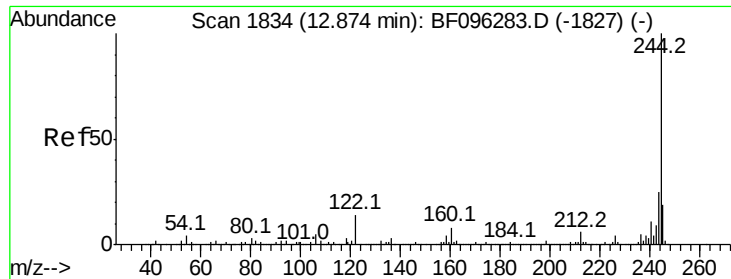


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 89.01 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.01 min

Lab File: BF096248.D

Acq: 28 Jun 2017 14:39

Instrument :

BNA_F

ClientSampleId :

WC062317-1S

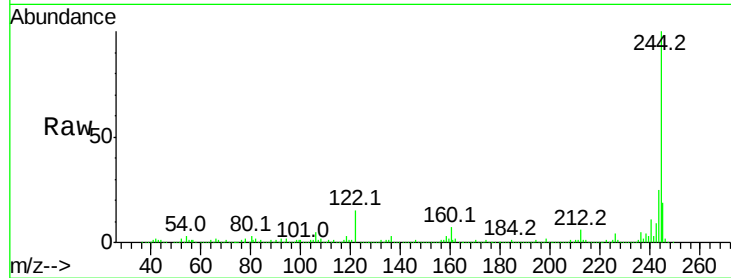
Tot Ion:244 Resp: 818562

Ion Ratio Lower Upper

244 100

212 6.1 6.0 9.0

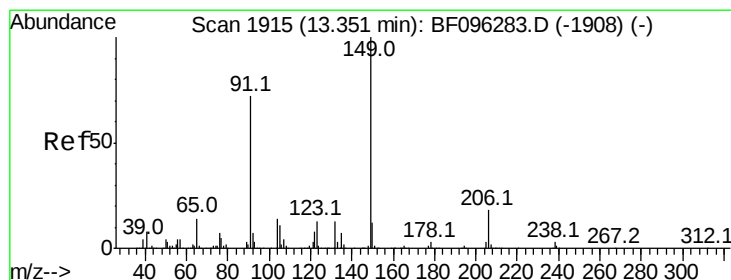
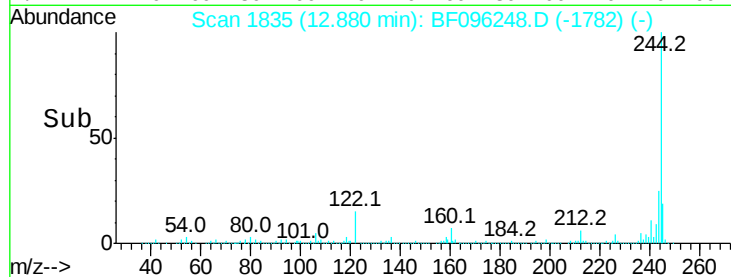
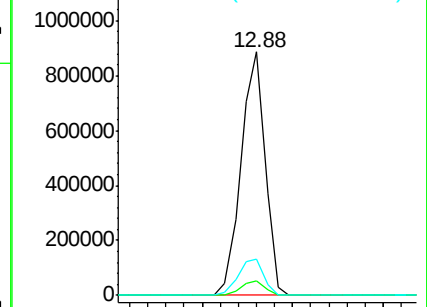
122 15.1 10.3 15.5



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



#79

Butylbenzylphthalate

Concen: 127.16 ng

RT: 13.36 min Scan# 1917

Delta R.T. 0.01 min

Lab File: BF096248.D

Acq: 28 Jun 2017 14:39

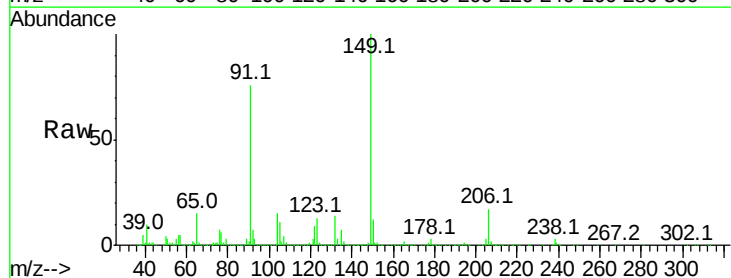
Tgt Ion:149 Resp: 1098853

Ion Ratio Lower Upper

149 100

91 75.9 45.0 67.4#

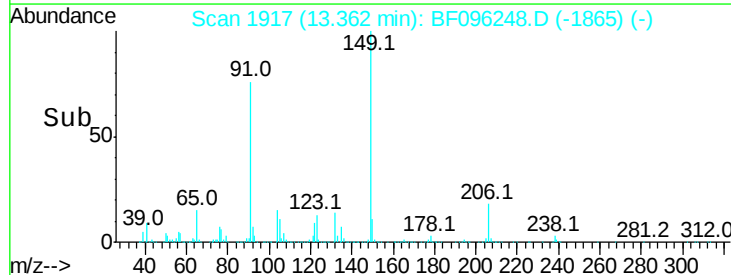
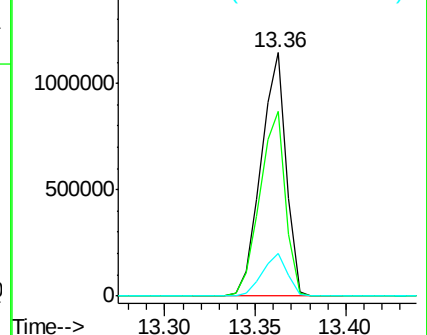
206 17.5 17.0 25.6

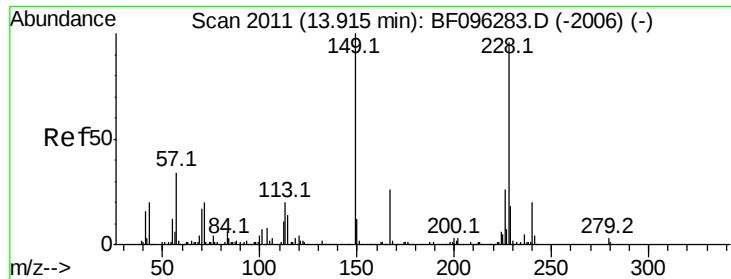


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 331.24 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.02 min

Lab File: BF096248.D

Acq: 28 Jun 2017 14:39

Instrument :

BNA_F

ClientSampleId :

WC062317-1S

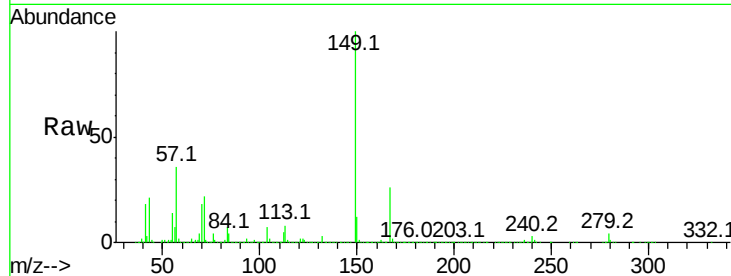
Tot Ion:149 Resp: 3110855

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.0	31.4
279	3.7	1.9	2.9#

149 100

167 26.4 21.0 31.4

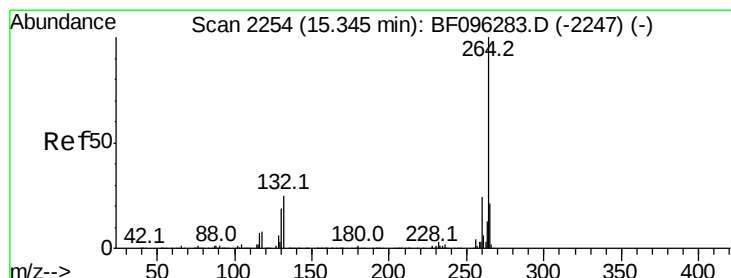
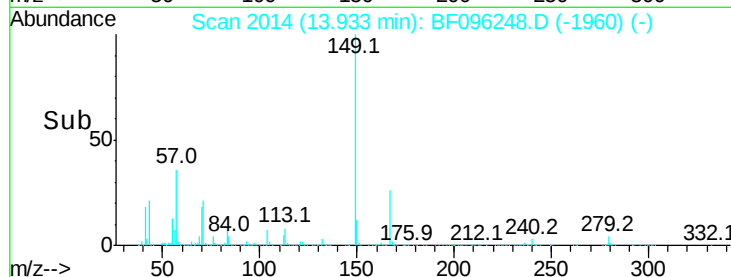
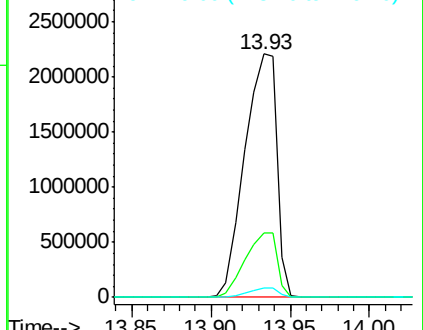
279 3.7 1.9 2.9#



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: 20.00 ng

RT: 15.36 min Scan# 2256

Delta R.T. 0.02 min

Lab File: BF096248.D

Acq: 28 Jun 2017 14:39

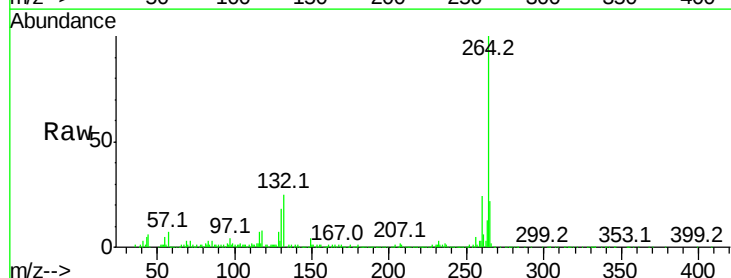
Tgt Ion:264 Resp: 344910

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.9	17.2	25.8

264 100

260 23.9 19.5 29.3

265 21.9 17.2 25.8



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

