

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096496.D
 Acq On : 5 Jul 2017 20:51
 Operator : SJ/MA
 Sample : I4049-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-070317

Quant Time: Jul 06 02:31:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

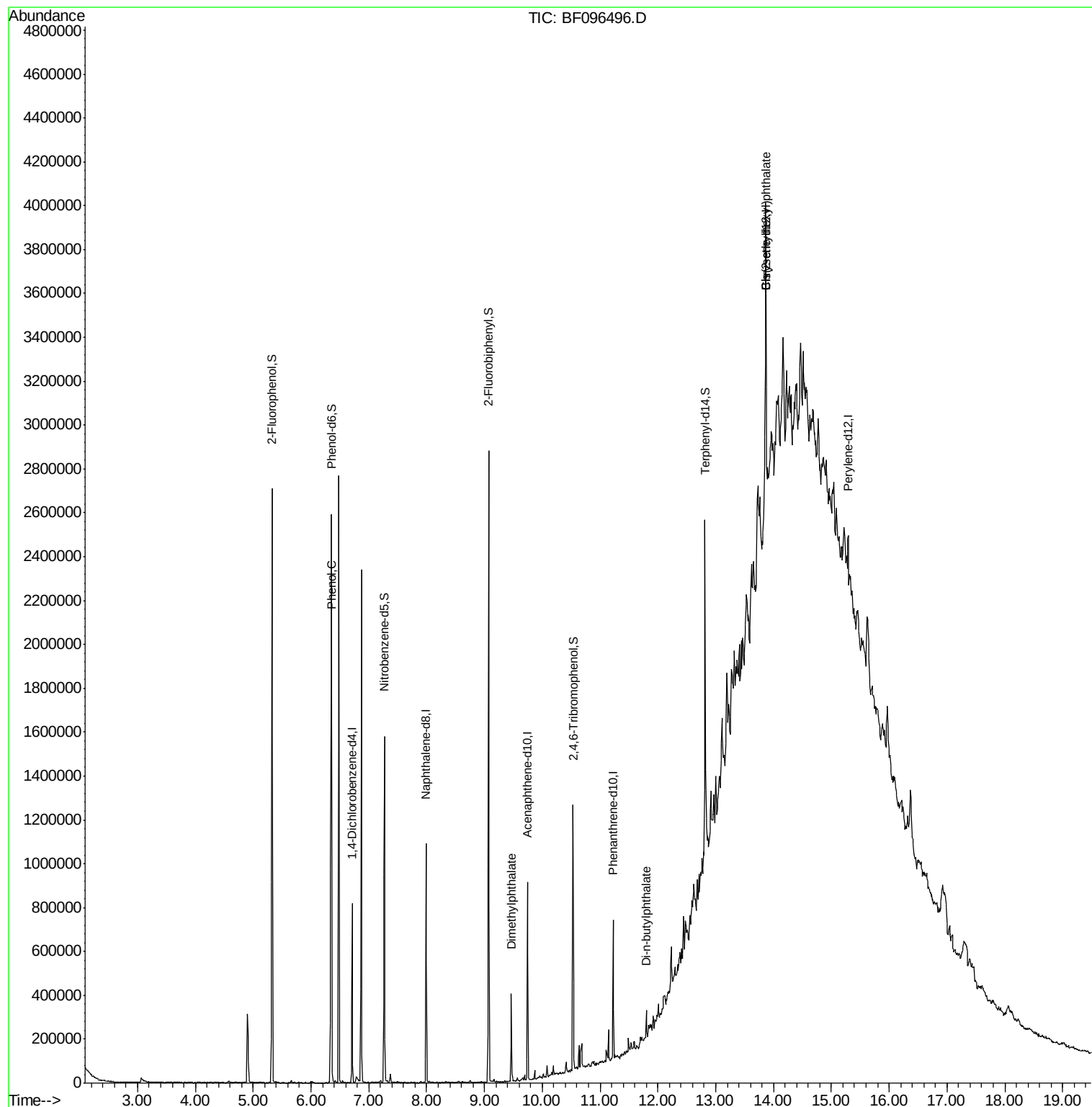
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	107540	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	433680	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	162604	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	222027	20.00	ng	0.00
75) Chrysene-d12	13.86	240	145267	20.00	ng	0.00
86) Perylene-d12	15.29	264	141372	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	757556	103.97	ng	0.00
7) Phenol-d6	6.35	99	947972	105.83	ng	0.00
23) Nitrobenzene-d5	7.27	82	527461	73.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	132986	104.70	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	897240	94.34	ng	0.00
78) Terphenyl-d14	12.82	244	512138	75.33	ng	0.00
Target Compounds						
10) Phenol	6.36	94	25128	2.46	ng	93
49) Dimethylphthalate	9.46	163	143859	11.85	ng	98
73) Di-n-butylphthalate	11.80	149	52292	3.51	ng	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	394351	59.85	ng	# 98

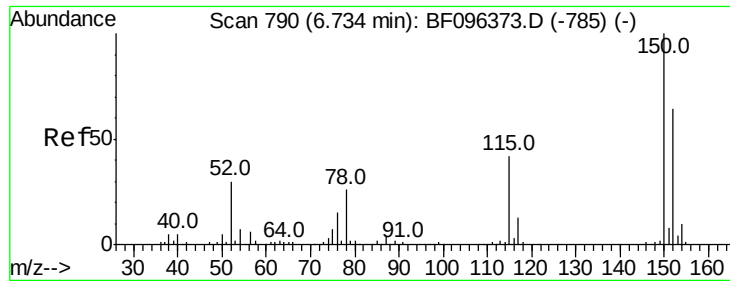
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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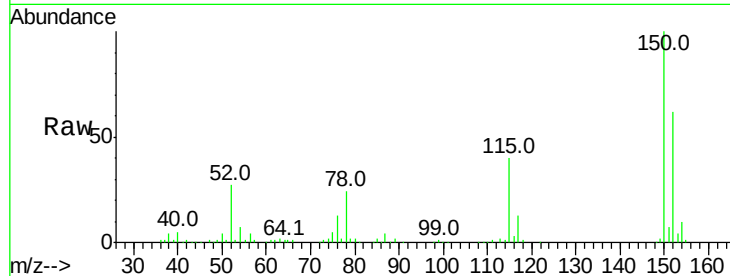


#1

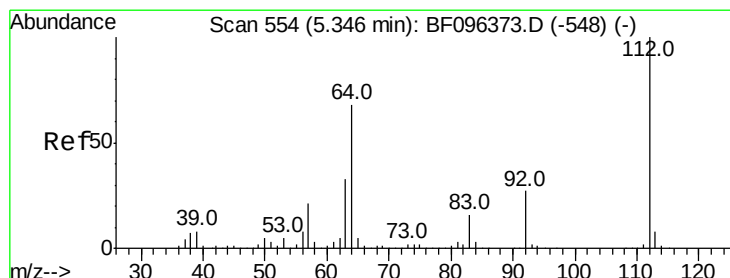
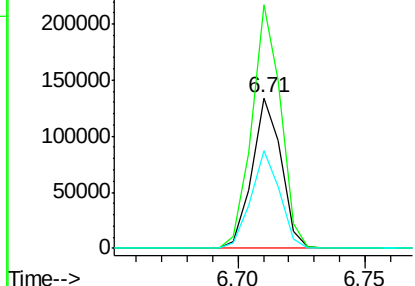
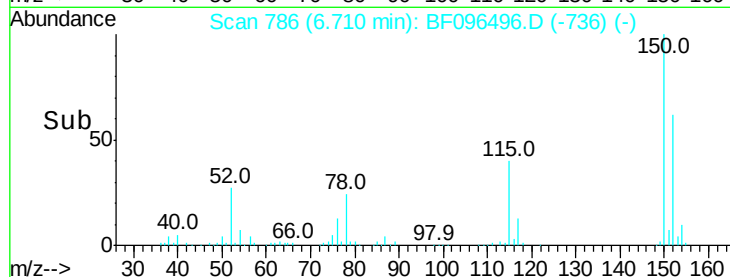
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF096496.D
Acq: 5 Jul 2017 20:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-070317

Tot Ion:152 Resp: 107540
Ion Ratio Lower Upper
152 100
150 161.6 126.2 189.2
115 65.0 52.2 78.2



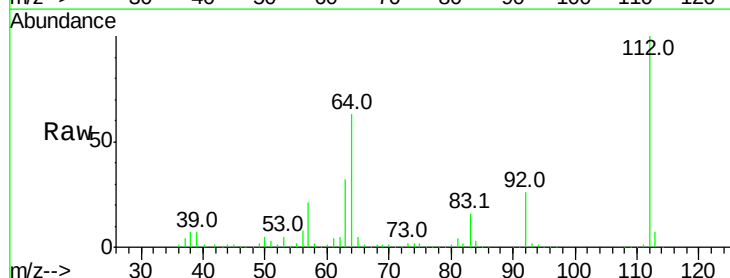
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



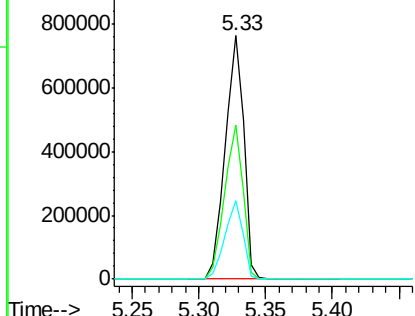
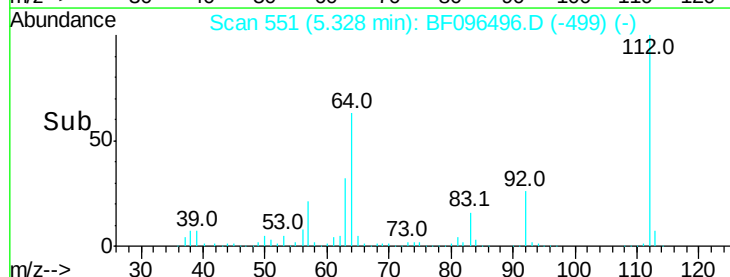
#5

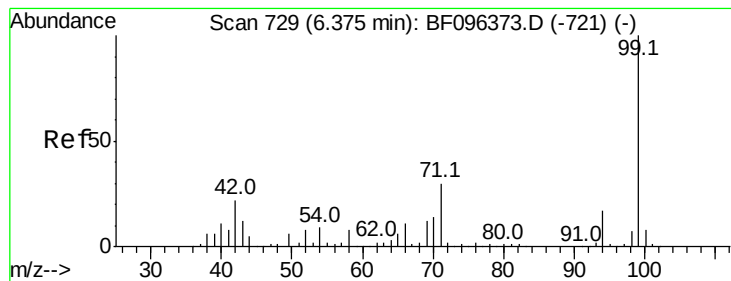
2-Fluorophenol
Concen: 103.97 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF096496.D
Acq: 5 Jul 2017 20:51

Tgt Ion:112 Resp: 757556
Ion Ratio Lower Upper
112 100
64 63.4 46.0 69.0
63 32.4 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: 105.83 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096496.D

Acq: 5 Jul 2017 20:51

Instrument :

BNA_F

ClientSampleId :

DRUM-1-070317

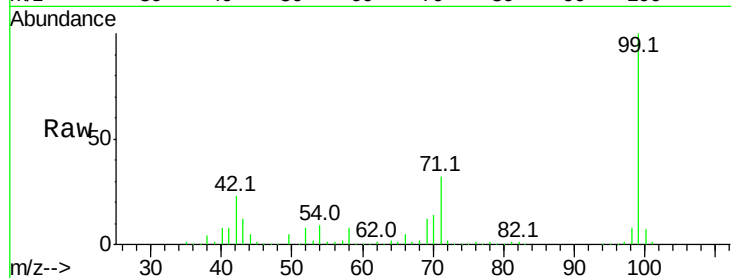
Tot Ion: 99 Resp: 947972

Ion Ratio Lower Upper

99 100

42 22.7 13.5 20.3#

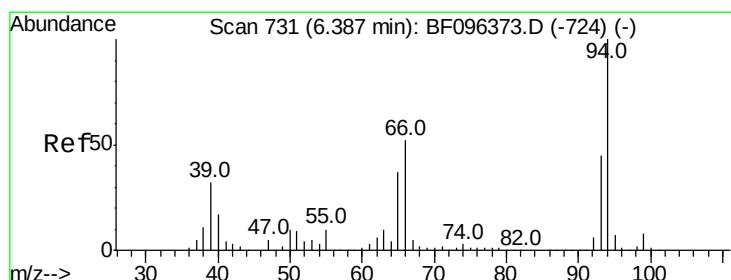
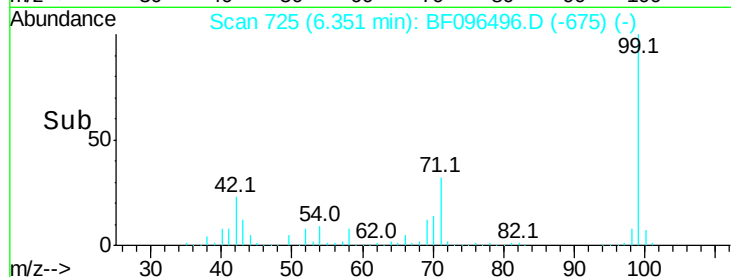
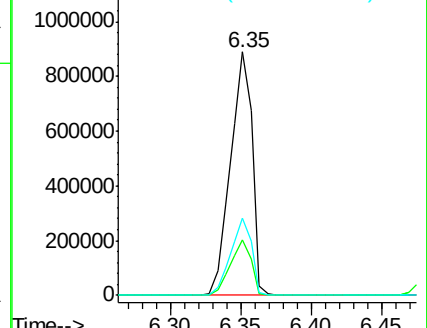
71 31.5 24.5 36.7



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



#10

Phenol

Concen: 2.46 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096496.D

Acq: 5 Jul 2017 20:51

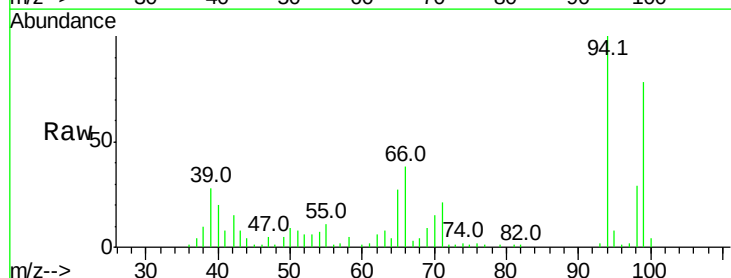
Tgt Ion: 94 Resp: 25128

Ion Ratio Lower Upper

94 100

65 27.0 9.9 49.9

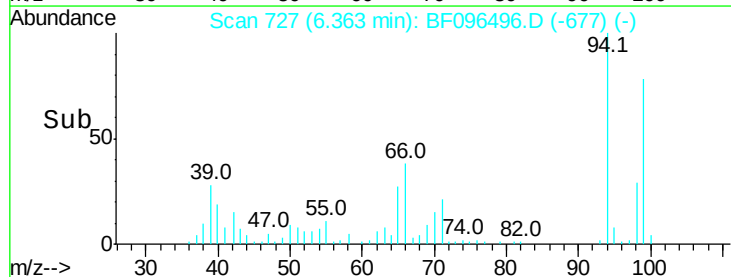
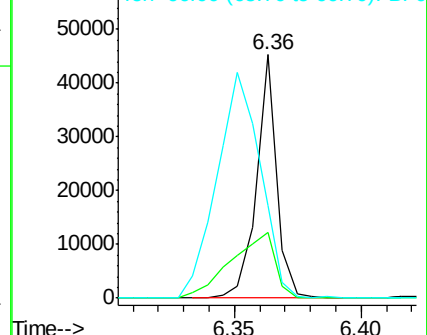
66 37.8 23.1 63.1

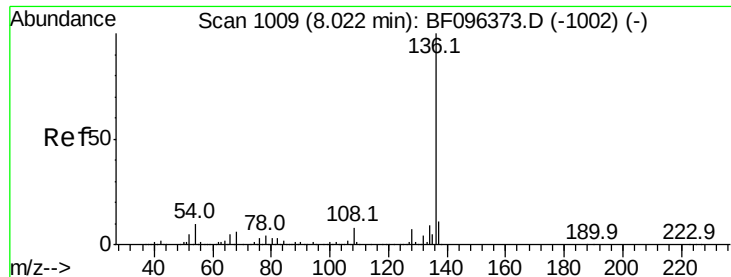


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

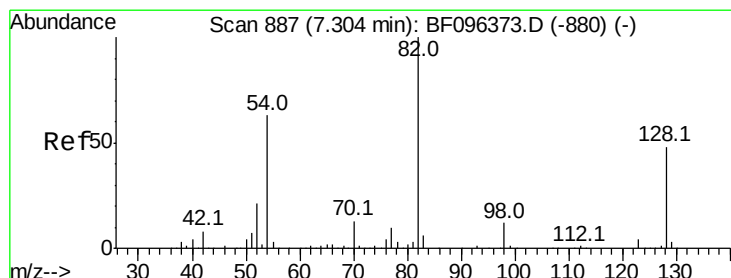
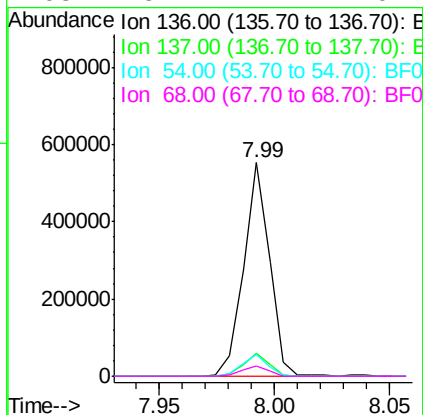
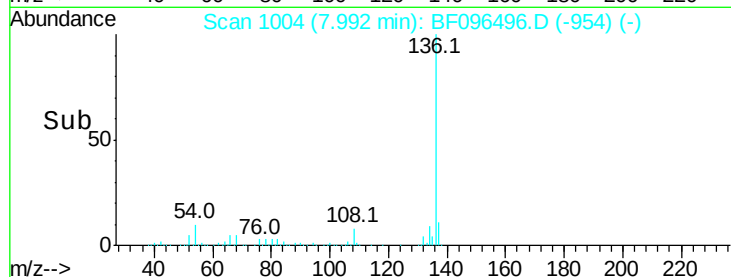
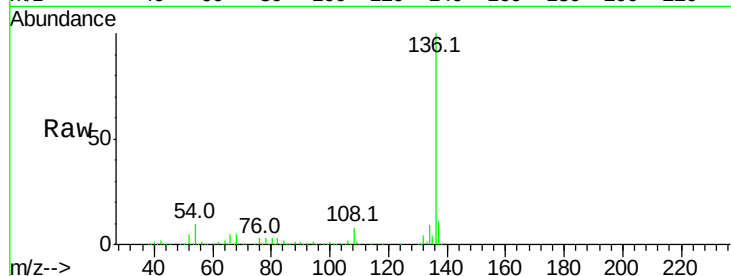




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096496.D
Acq: 5 Jul 2017 20:51

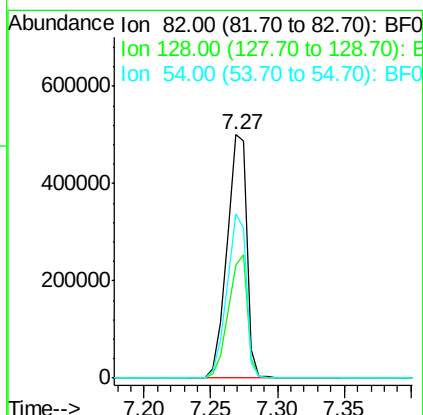
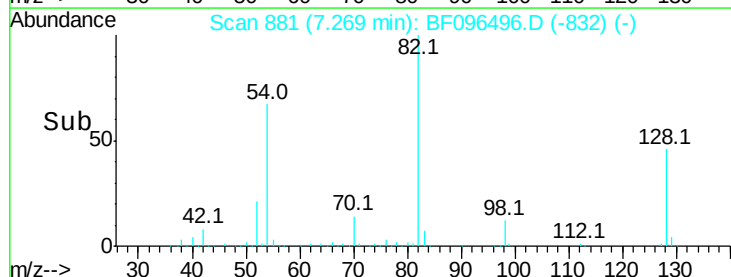
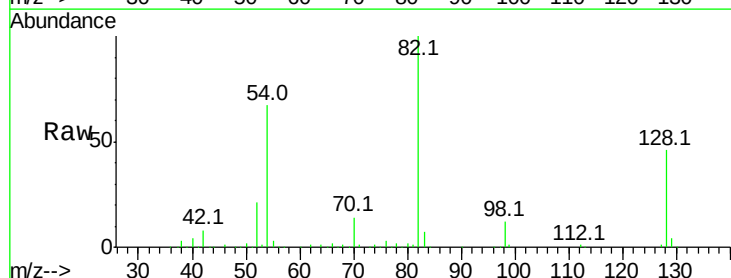
Instrument :
BNA_F
ClientSampleId :
DRUM-1-070317

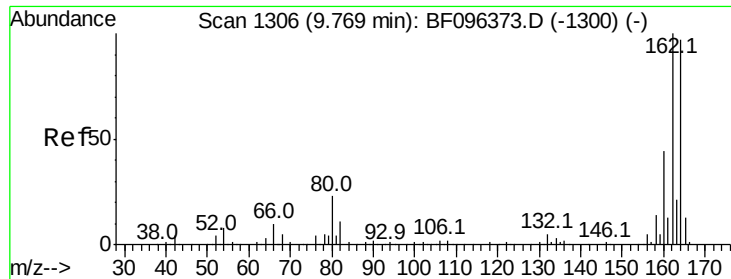
Tot Ion:	136	Resp:	433680
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.4	4.9	7.3#
68	5.1	4.1	6.1



#23
Nitrobenzene-d5
Concen: 73.09 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF096496.D
Acq: 5 Jul 2017 20:51

Tgt Ion:	82	Resp:	527461
Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.0	51.0
54	67.4	42.2	63.2#

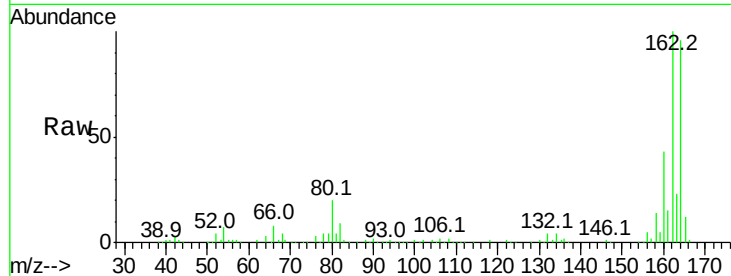




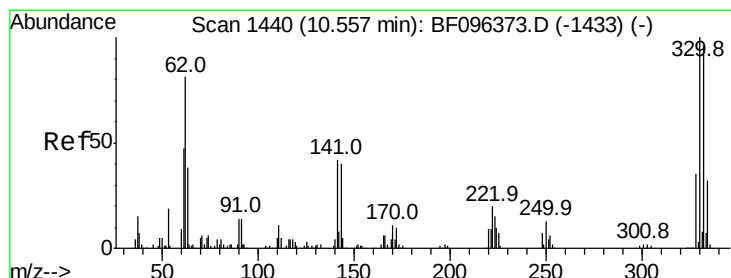
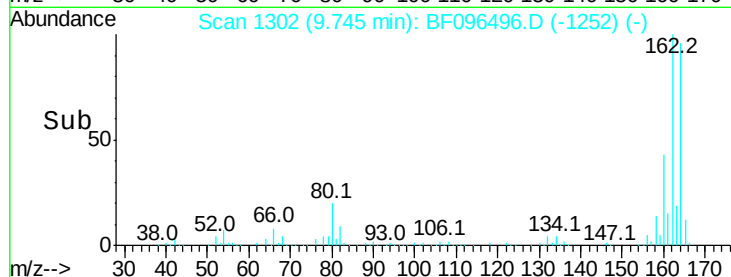
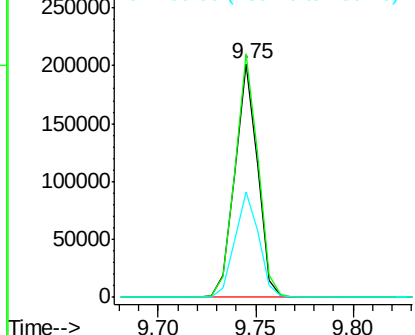
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF096496.D
Acq: 5 Jul 2017 20:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-070317

Tot Ion:164 Resp: 162604
Ion Ratio Lower Upper
164 100
162 104.1 82.6 123.8
160 45.1 36.2 54.2

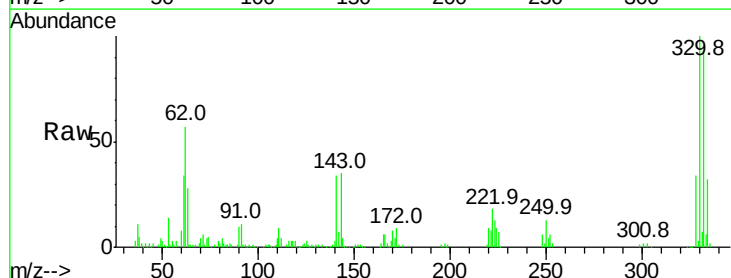


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

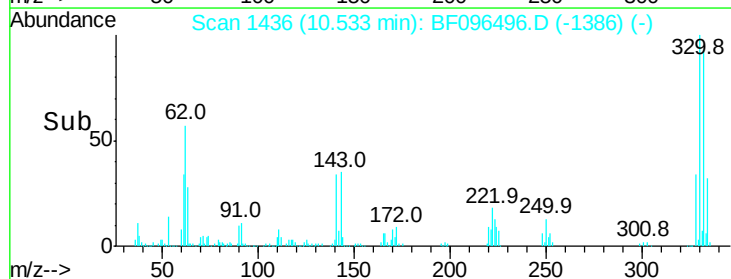
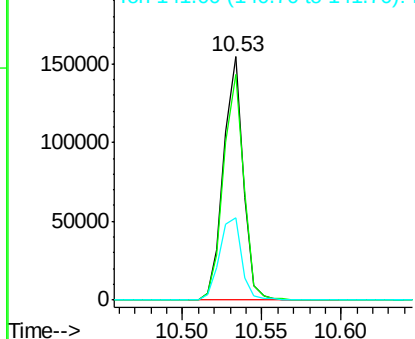


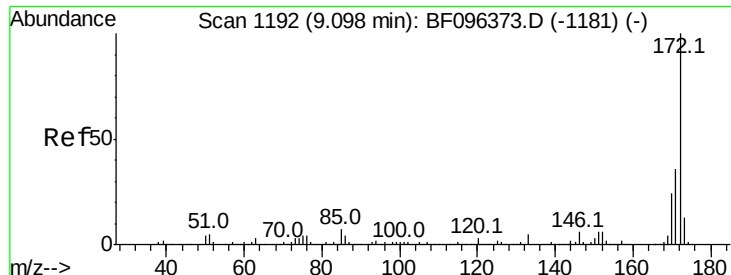
#41
2,4,6-Tribromophenol
Concen: 104.70 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF096496.D
Acq: 5 Jul 2017 20:51

Tgt Ion:330 Resp: 132986
Ion Ratio Lower Upper
330 100
332 95.6 76.6 115.0
141 38.5 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

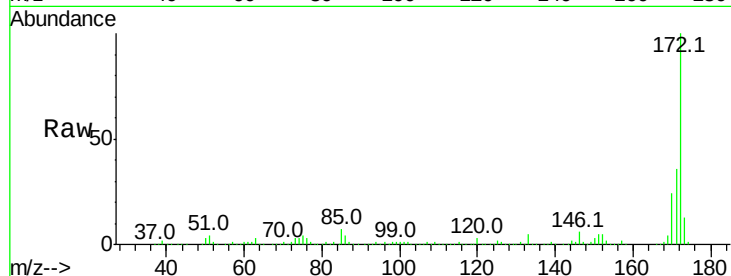




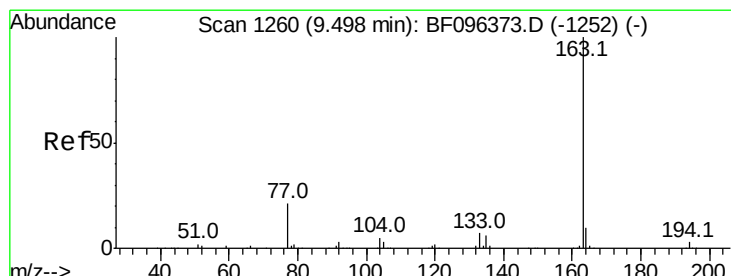
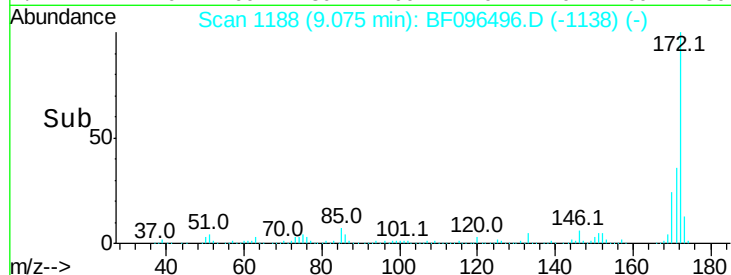
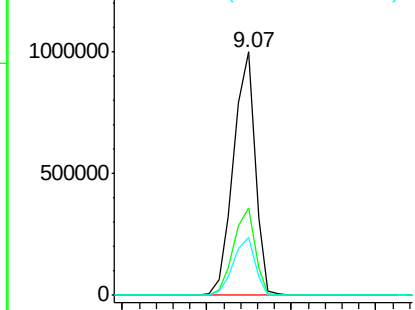
#44
2-Fluorobiphenyl
Concen: 94.34 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096496.D
Acq: 5 Jul 2017 20:51

Instrument :
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DRUM-1-070317

Tot Ion:172 Resp: 897240
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.8 19.8 29.8

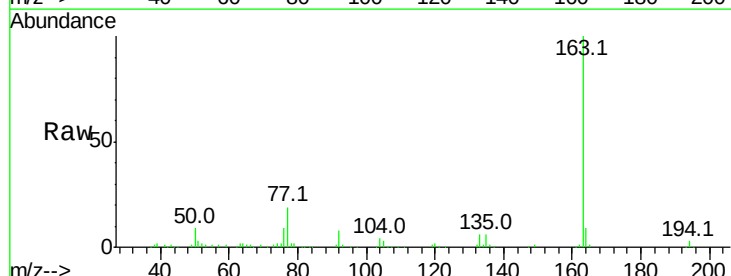


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

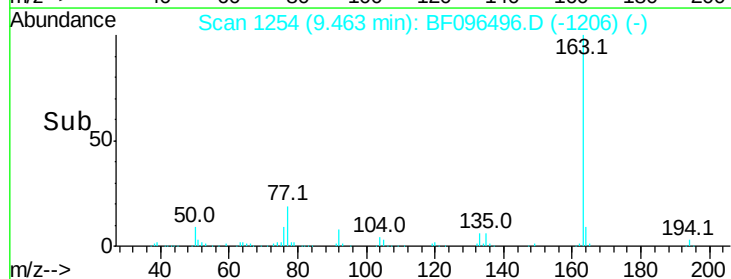
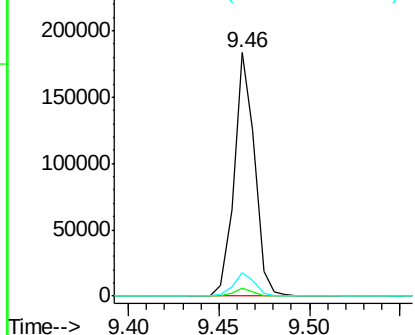


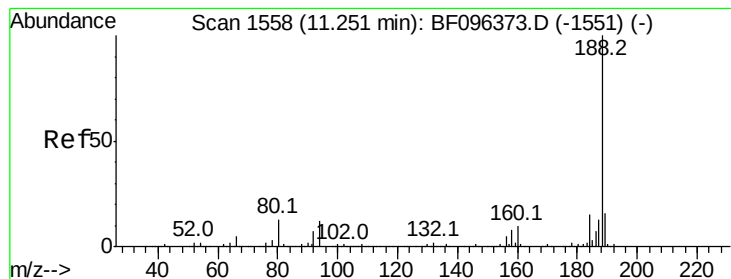
#49
Dimethylphthalate
Concen: 11.85 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF096496.D
Acq: 5 Jul 2017 20:51

Tgt Ion:163 Resp: 143859
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.5 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: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF096496.D

Acq: 5 Jul 2017 20:51

Instrument :

BNA_F

ClientSampleId :

DRUM-1-070317

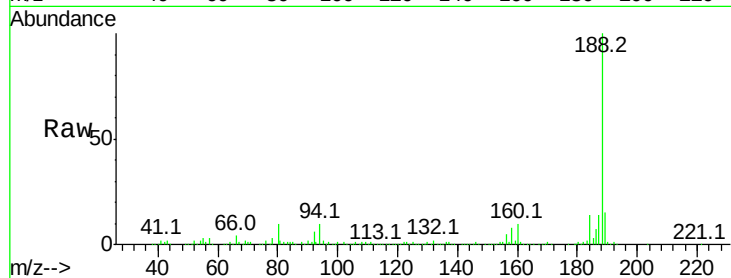
Tot Ion:188 Resp: 222027

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

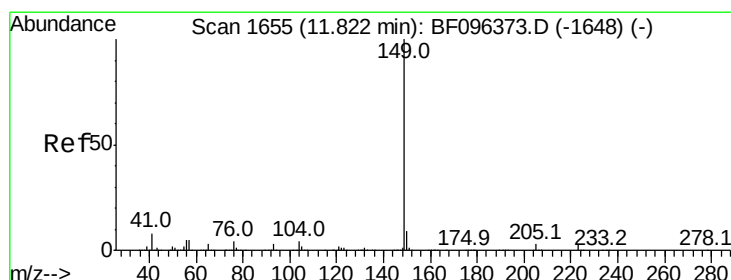
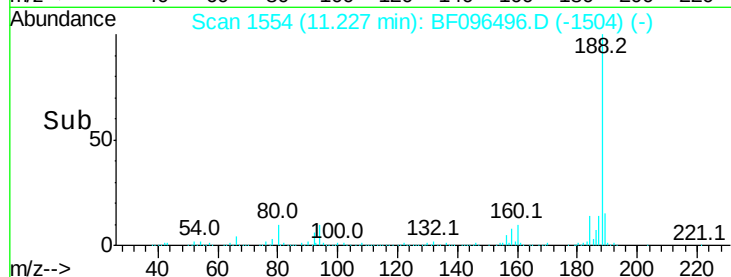
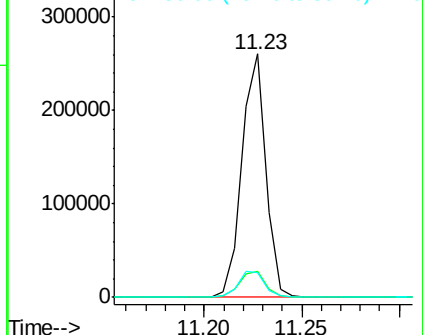
80 10.3 10.2 15.2



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



#73

Di-n-butylphthalate

Concen: 3.51 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BF096496.D

Acq: 5 Jul 2017 20:51

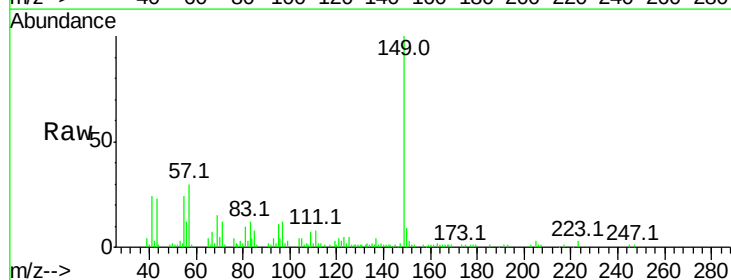
Tgt Ion:149 Resp: 52292

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

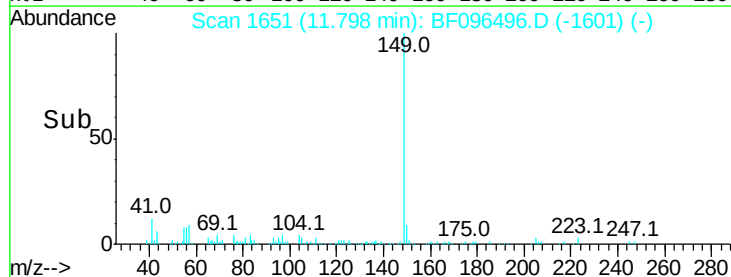
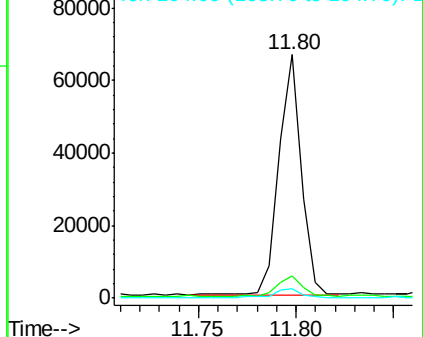
104 4.1 4.0 6.0

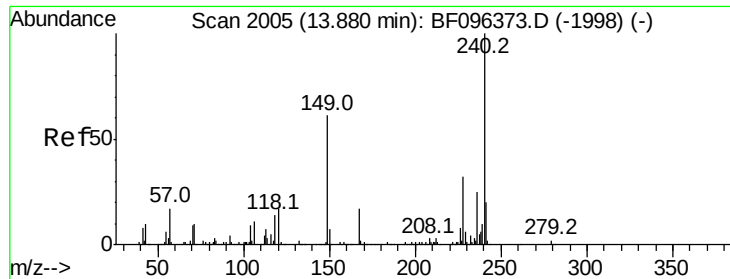


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096496.D

Acq: 5 Jul 2017 20:51

Instrument :

BNA_F

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DRUM-1-070317

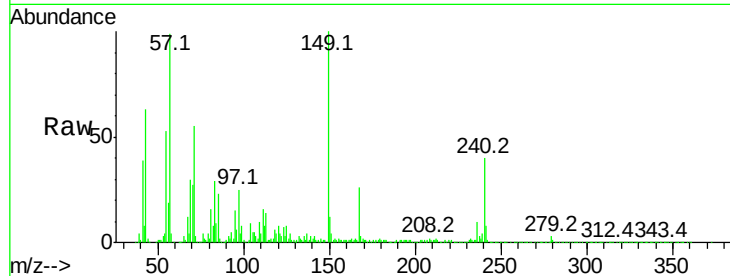
Tot Ion:240 Resp: 145267

Ion Ratio Lower Upper

240 100

120 18.9 5.8 8.8#

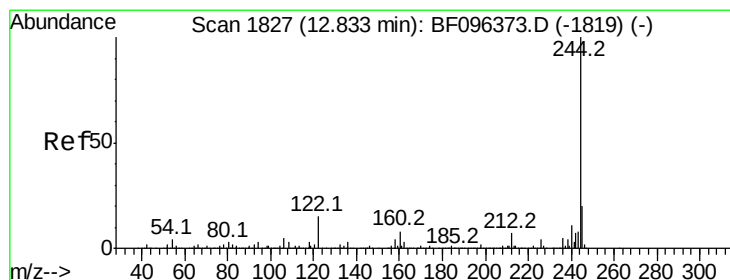
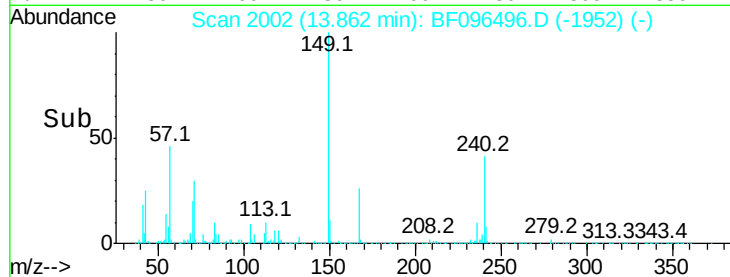
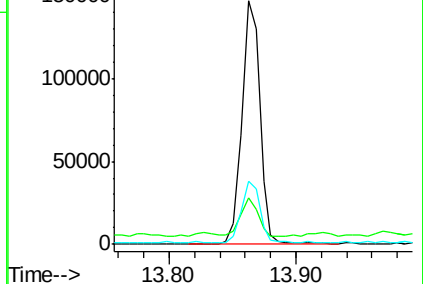
236 26.0 20.5 30.7



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



#78

Terphenyl-d14

Concen: 75.33 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF096496.D

Acq: 5 Jul 2017 20:51

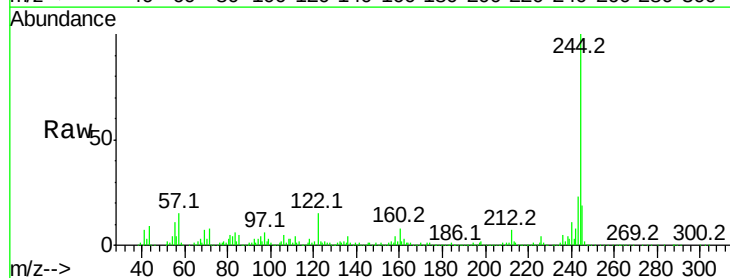
Tgt Ion:244 Resp: 512138

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

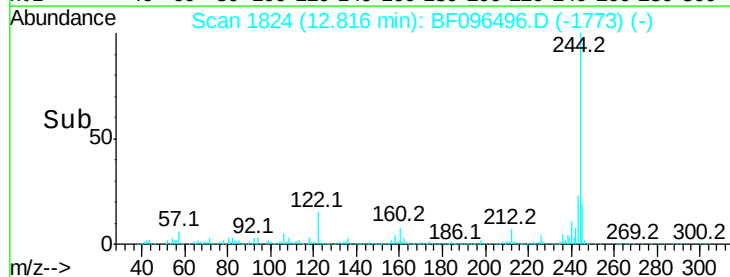
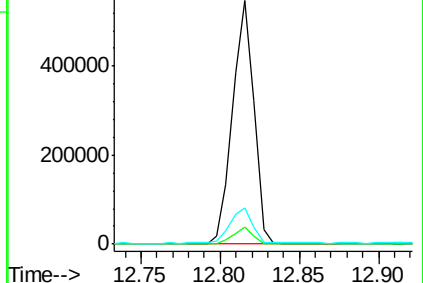
122 15.0 10.3 15.5

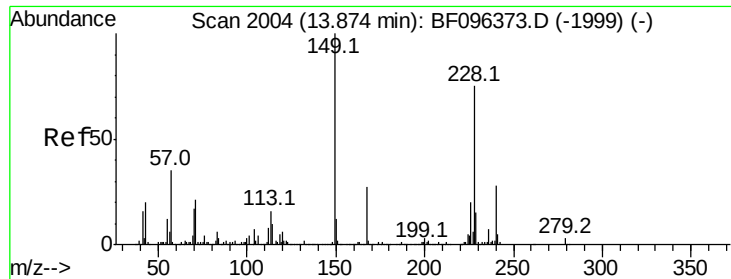


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

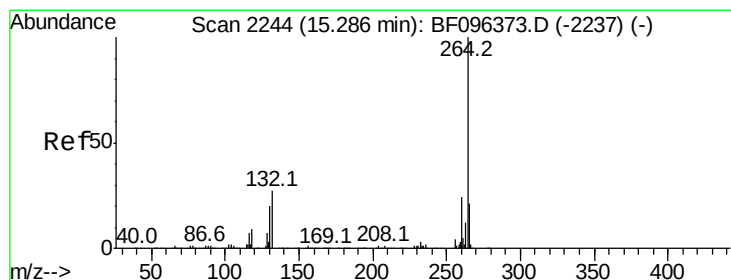
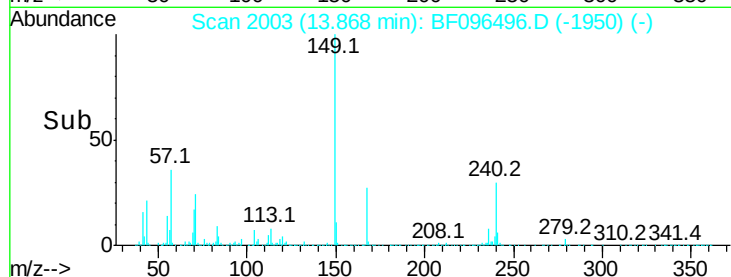
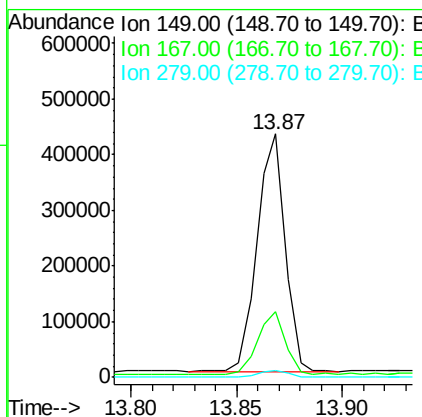
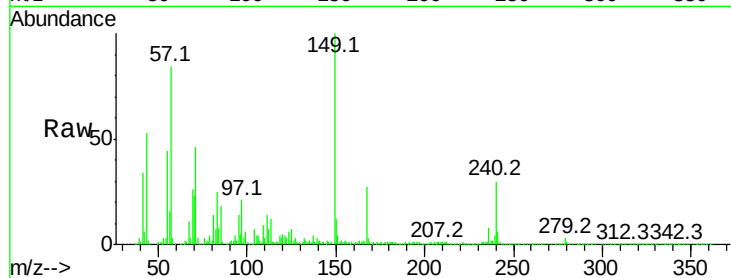




#83
Bis(2-ethylhexyl)phthalate
Concen: 59.85 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF096496.D
Acq: 5 Jul 2017 20:51

Instrument :
BNA_F
ClientSampleId :
DRUM-1-070317

Tot Ion:149 Resp: 394351
Ion Ratio Lower Upper
149 100
167 27.0 21.0 31.4
279 2.9 1.9 2.9#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF096496.D
Acq: 5 Jul 2017 20:51

Tgt Ion:264 Resp: 141372
Ion Ratio Lower Upper
264 100
260 22.3 19.5 29.3
265 20.8 17.2 25.8

