

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
 Data File : BF096913.D
 Acq On : 20 Jul 2017 18:44
 Operator : SJ/JU
 Sample : I4246-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-4-5-6-7-COMP

Quant Time: Jul 21 07:14:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

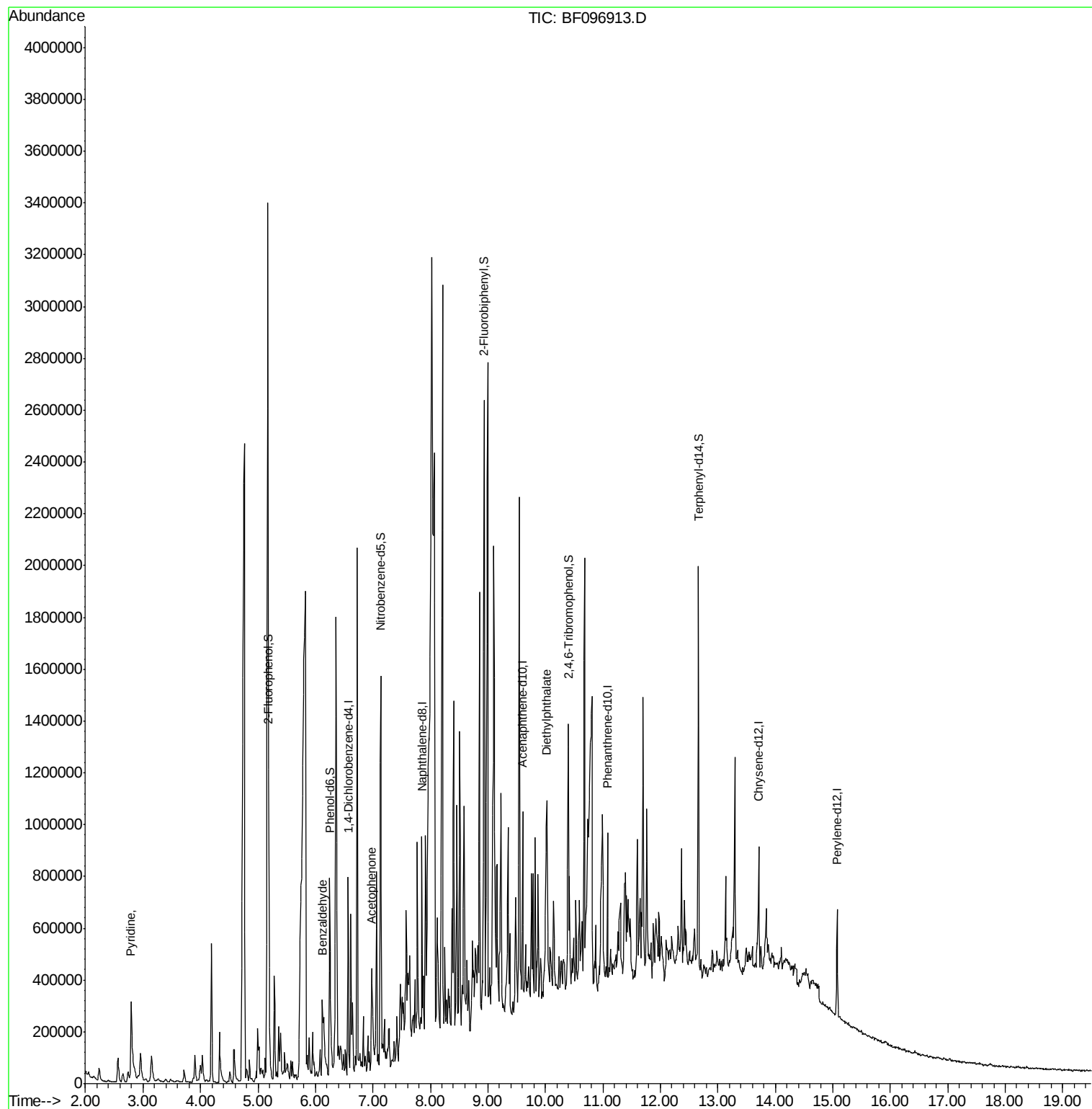
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	104835	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	354254	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	133087	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	189968	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	180204	20.00	ng	-0.02
86) Perylene-d12	15.07	264	181974	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	399088	57.24	ng	-0.01
7) Phenol-d6	6.25	99	377797	45.15	ng	0.00
23) Nitrobenzene-d5	7.14	82	468394	81.90	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	127103	111.89	ng	-0.02
44) 2-Fluorobiphenyl	8.94	172	807213	95.83	ng	-0.02
78) Terphenyl-d14	12.66	244	504167	48.52	ng	-0.03
Target Compounds						
3) Pyridine	2.79	79	188233	24.965	ng	# 79
9) Benzaldehyde	6.12	77	13611	2.814	ng	94
22) Acetophenone	6.98	105	89169	11.262	ng	# 96
59) Diethylphthalate	10.03	149	19600	2.009	ng	# 89

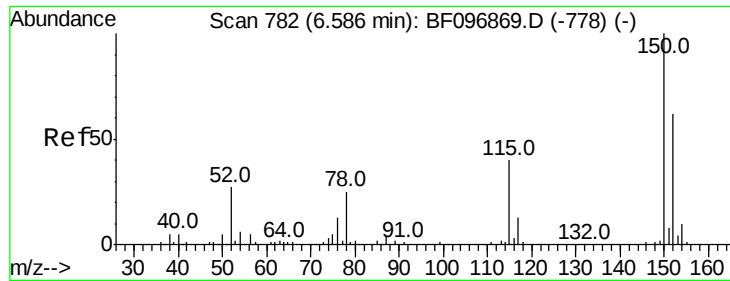
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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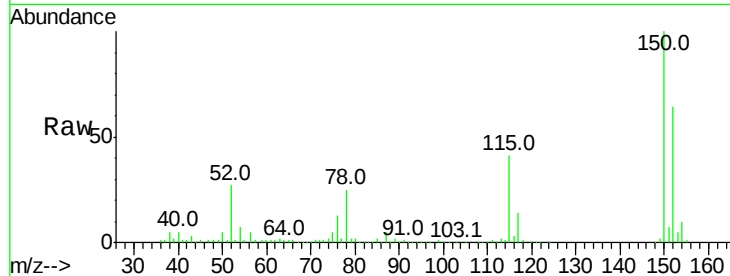


#1

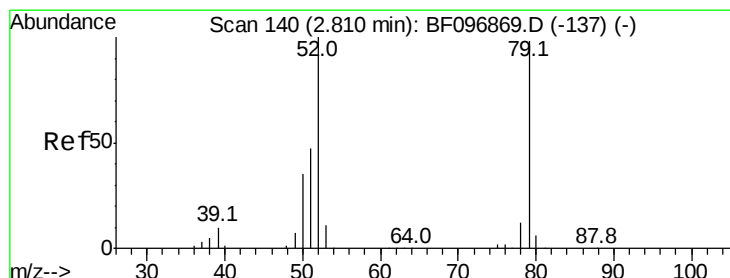
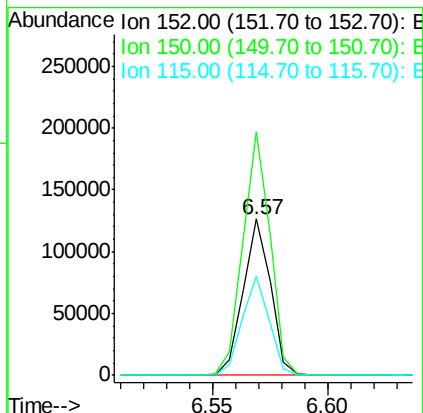
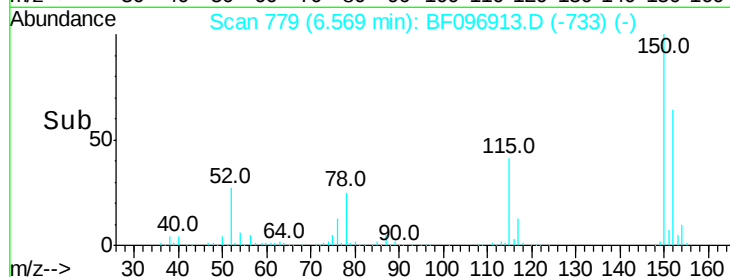
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.57 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Instrument :
BNA_F
ClientSampleId :
DRUM-4-5-6-7-COMP

Tot Ion:152 Resp: 104835
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.2
115 63.6 52.2 78.2



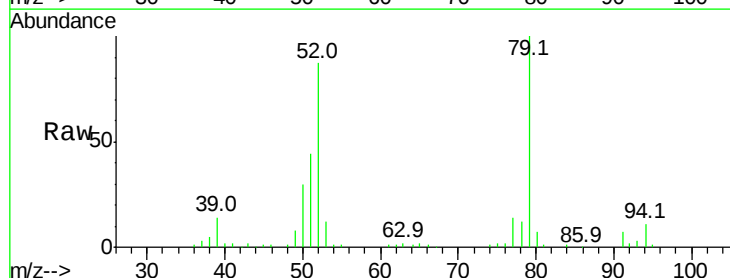
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



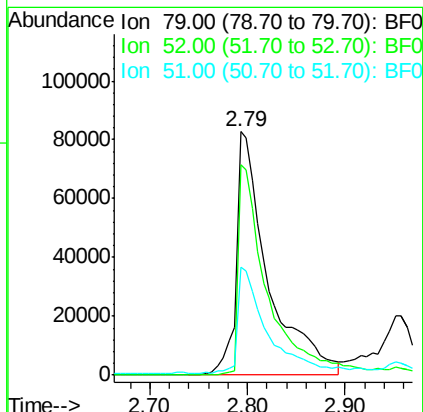
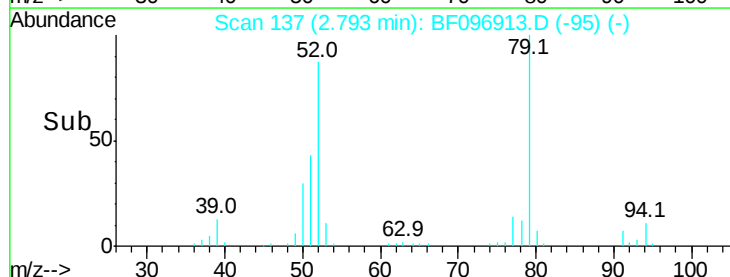
#3

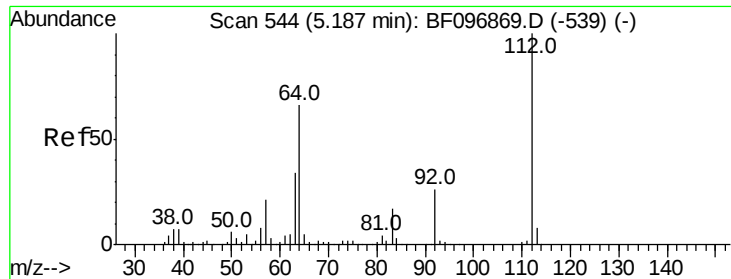
Pyridine
Concen: 24.965 ng
RT: 2.79 min Scan# 137
Delta R.T. -0.05 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Tgt Ion: 79 Resp: 188233
Ion Ratio Lower Upper
79 100
52 86.6 54.8 82.2#
51 44.2 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0





#5

2-Fluorophenol

Concen: 57.239 ng

RT: 5.19 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF096913.D

Acq: 20 Jul 2017 18:44

Instrument :

BNA_F

ClientSampleId :

DRUM-4-5-6-7-COMP

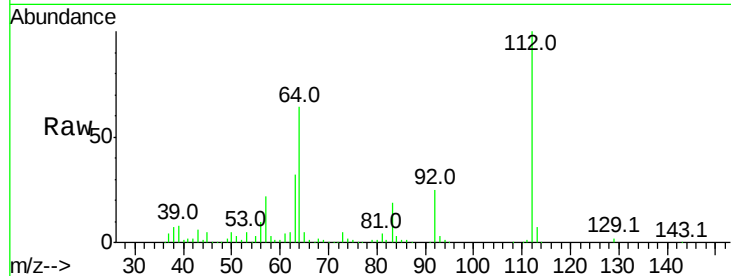
Tot Ion:112 Resp: 399088

Ion Ratio Lower Upper

112 100

64 64.3 46.0 69.0

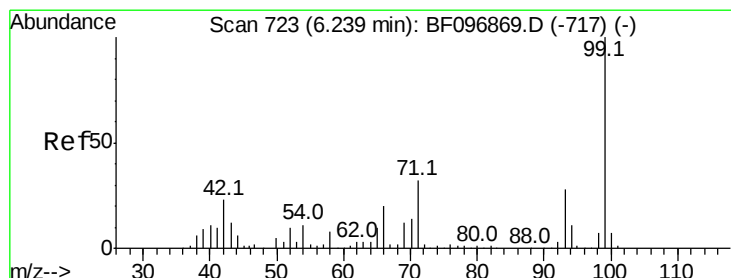
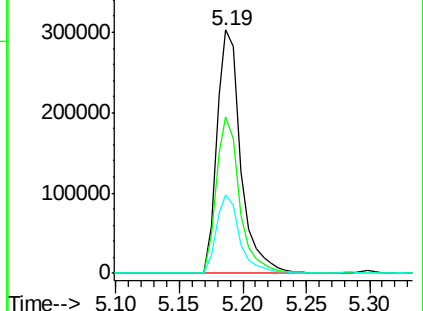
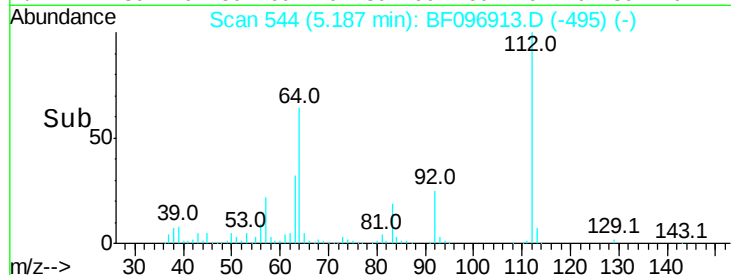
63 32.5 23.4 35.0



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: 45.153 ng

RT: 6.25 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF096913.D

Acq: 20 Jul 2017 18:44

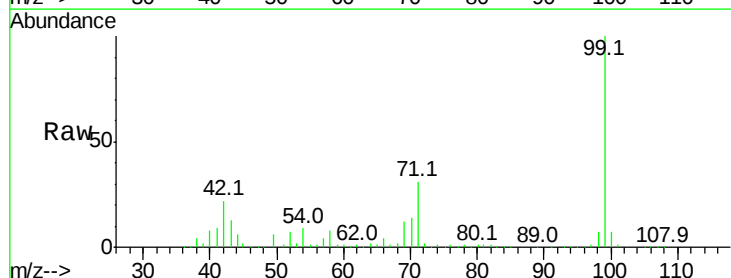
Tgt Ion: 99 Resp: 377797

Ion Ratio Lower Upper

99 100

42 22.3 13.5 20.3#

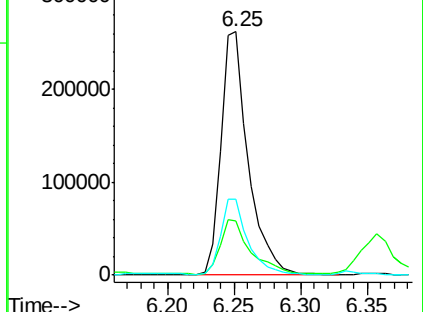
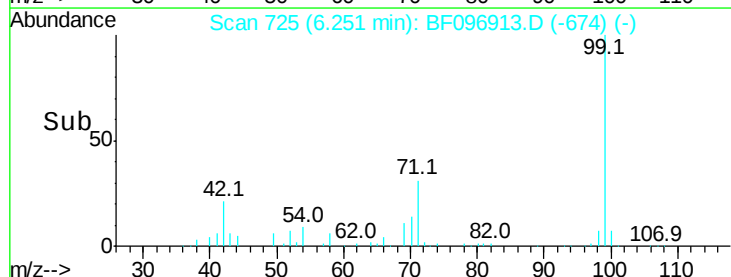
71 31.2 24.5 36.7

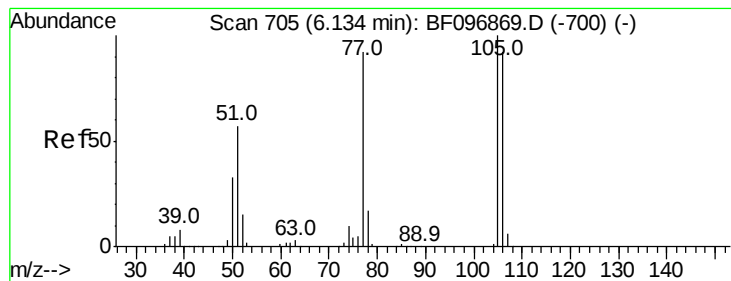


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 2.814 ng

RT: 6.12 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF096913.D

Acq: 20 Jul 2017 18:44

Instrument :

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DRUM-4-5-6-7-COMP

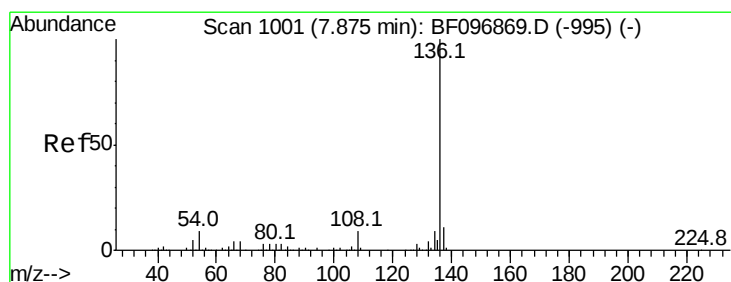
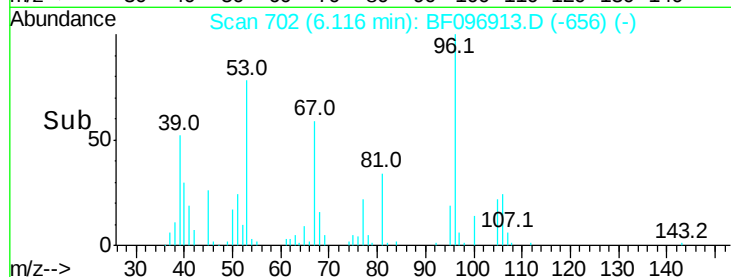
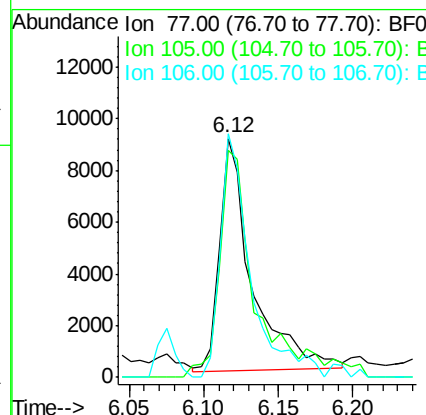
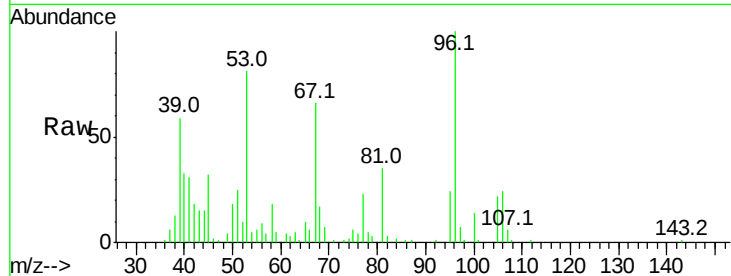
Tot Ion: 77 Resp: 13611

Ion Ratio Lower Upper

77 100

105 95.1 83.8 123.8

106 101.9 79.1 119.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.85 min Scan# 997

Delta R.T. -0.04 min

Lab File: BF096913.D

Acq: 20 Jul 2017 18:44

Tgt Ion: 136 Resp: 354254

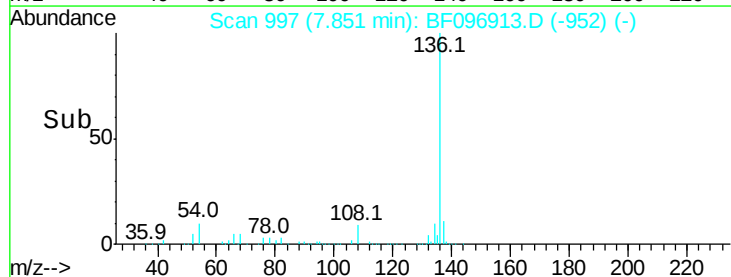
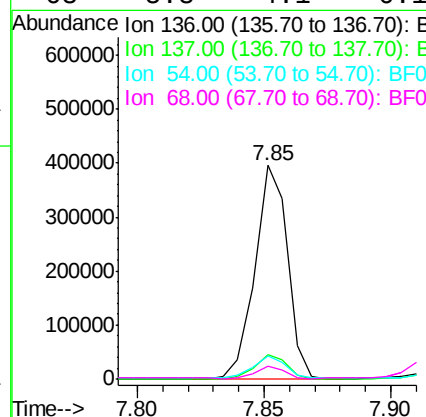
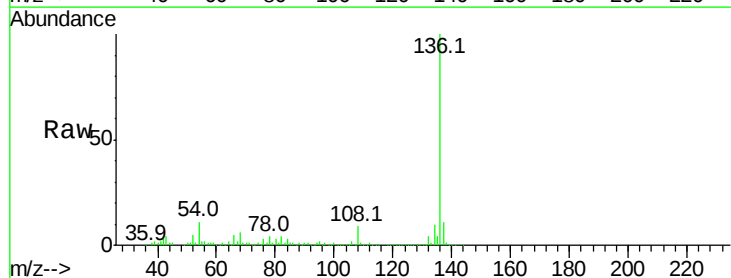
Ion Ratio Lower Upper

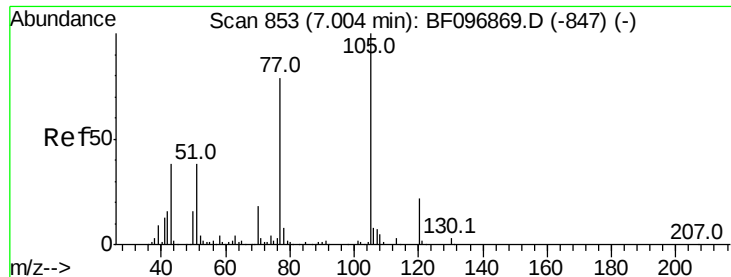
136 100

137 11.1 8.5 12.7

54 11.0 4.9 7.3#

68 5.8 4.1 6.1





#22

Acetophenone

Concen: 11.262 ng

RT: 6.98 min Scan# 849

Delta R.T. -0.04 min

Lab File: BF096913.D

Acq: 20 Jul 2017 18:44

Instrument :

BNA_F

ClientSampleId :

DRUM-4-5-6-7-COMP

Tot Ion:105 Resp: 89169

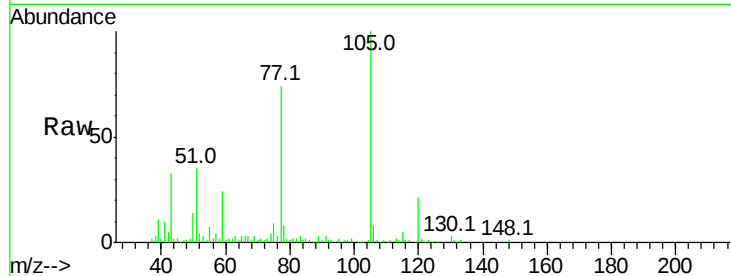
Ion Ratio Lower Upper

105 100

71 2.3 2.8 4.2#

51 35.2 30.7 46.1

120 21.0 17.4 26.0

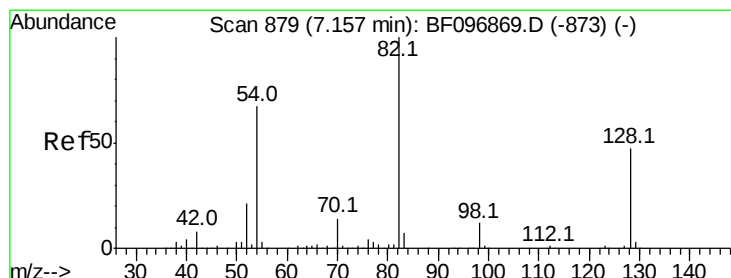
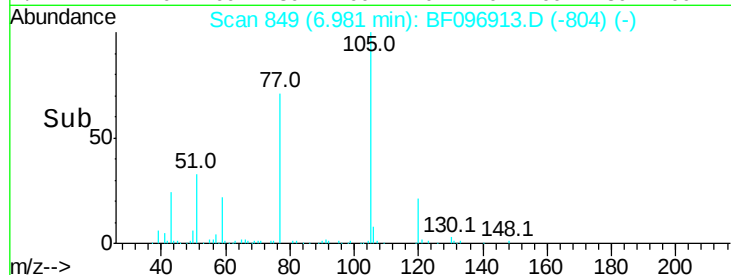
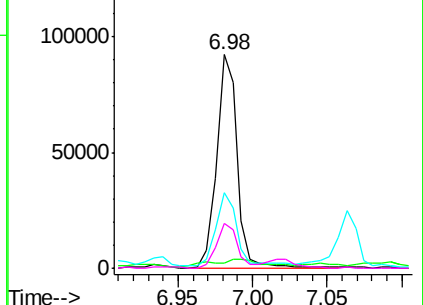


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 81.898 ng

RT: 7.14 min Scan# 876

Delta R.T. -0.03 min

Lab File: BF096913.D

Acq: 20 Jul 2017 18:44

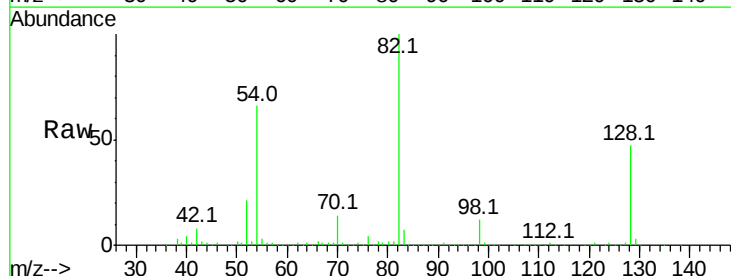
Tgt Ion: 82 Resp: 468394

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

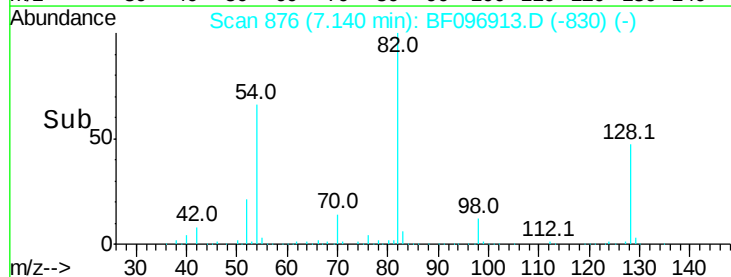
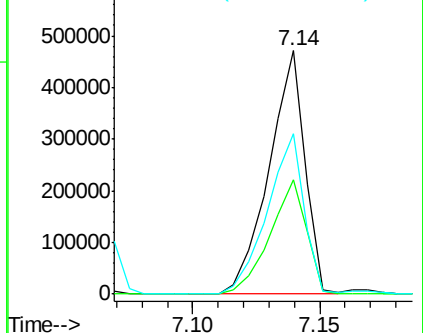
54 66.0 42.2 63.2#

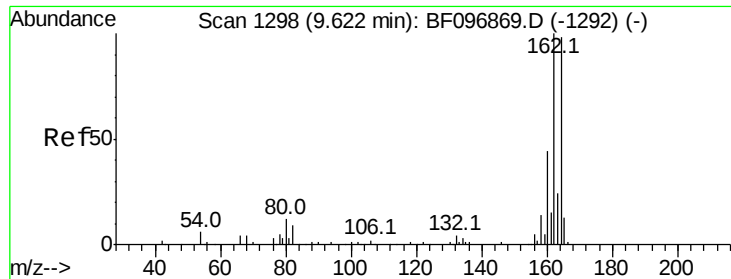


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

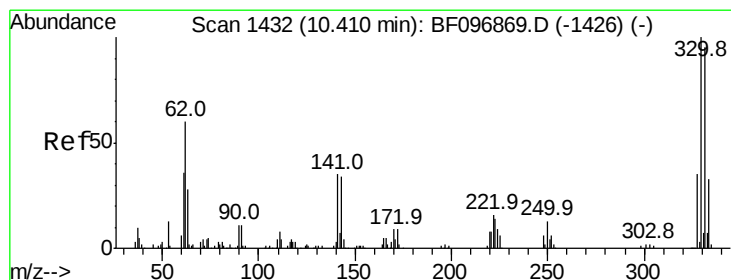
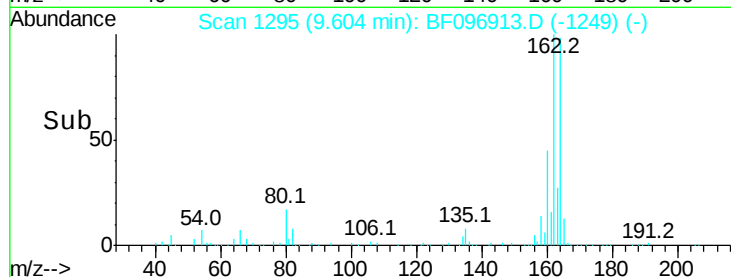
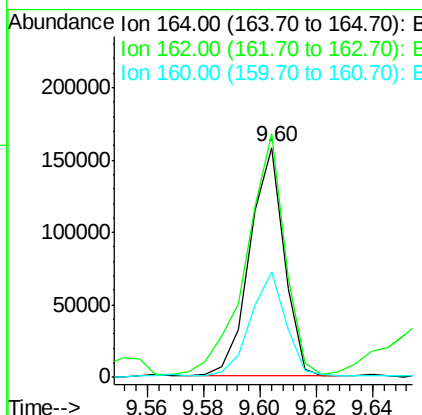
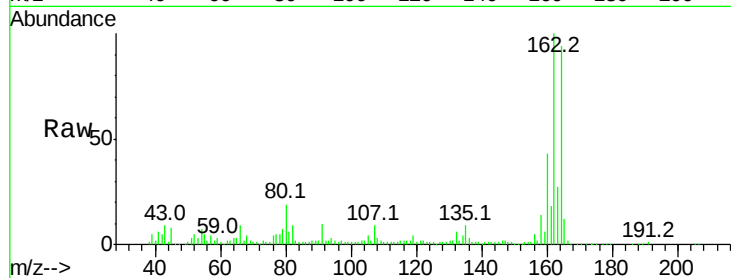




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.60 min Scan# 1295
 Delta R.T. -0.03 min
 Lab File: BF096913.D
 Acq: 20 Jul 2017 18:44

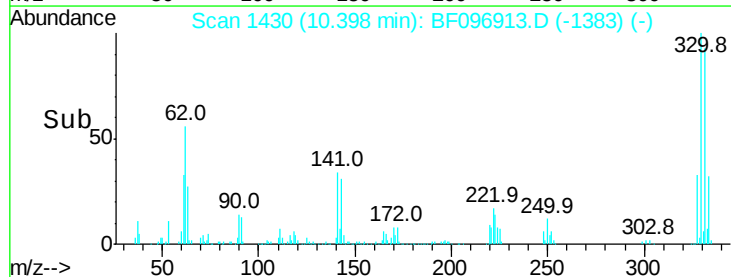
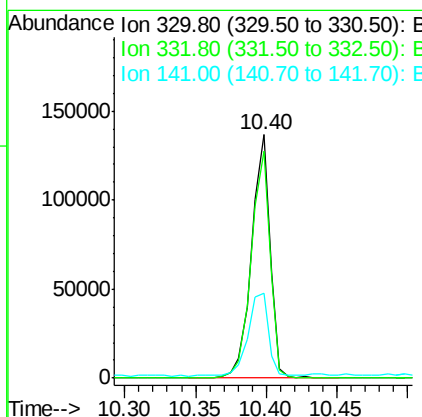
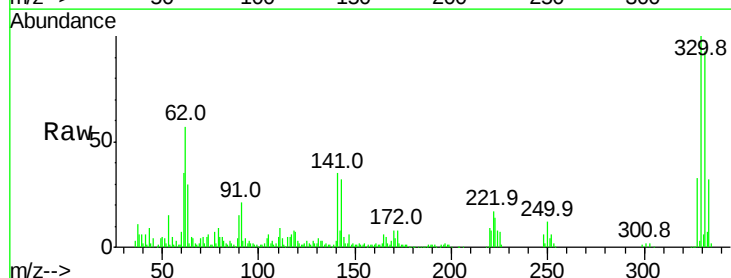
Instrument :
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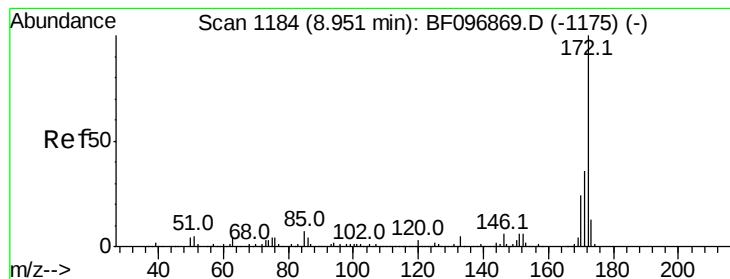
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.6	123.8
160	46.1	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 111.885 ng
 RT: 10.40 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF096913.D
 Acq: 20 Jul 2017 18:44

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	37.1	31.4	47.2

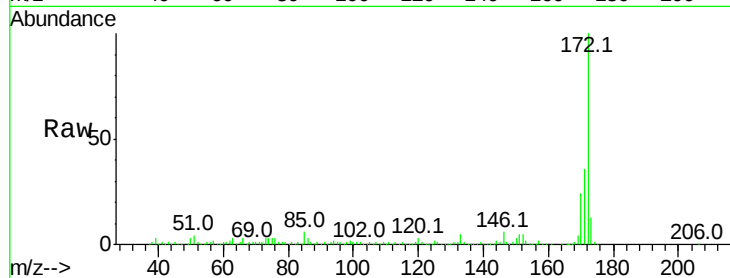




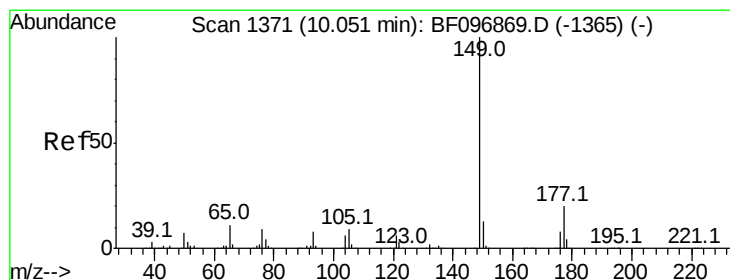
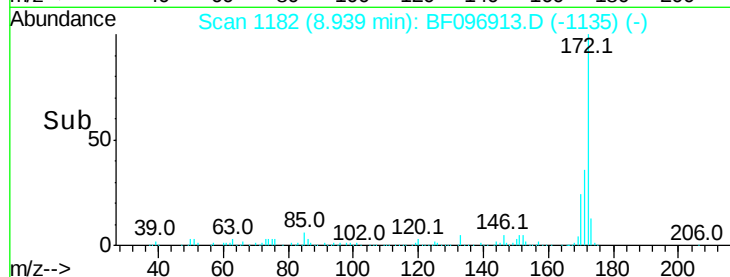
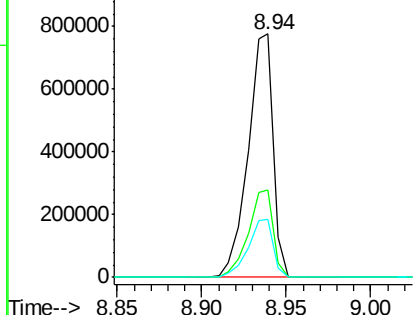
#44
2-Fluorobiphenyl
Concen: 95.827 ng
RT: 8.94 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Instrument :
BNA_F
ClientSampleId :
DRUM-4-5-6-7-COMP

Tot Ion:172 Resp: 807213
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 24.0 19.8 29.8

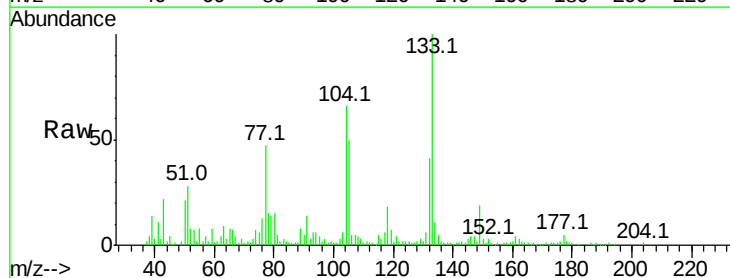


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

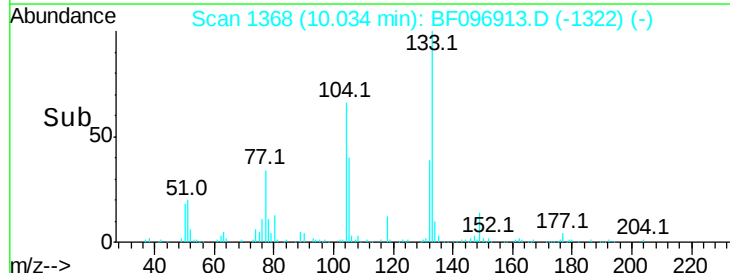
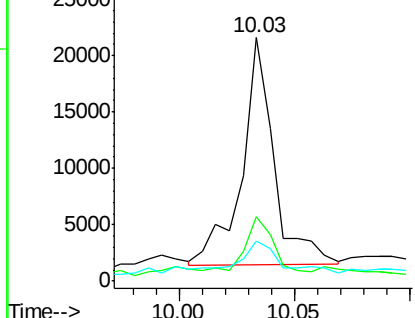


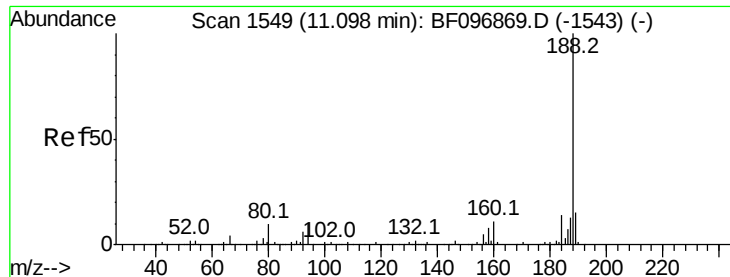
#59
Diethylphthalate
Concen: 2.009 ng
RT: 10.03 min Scan# 1368
Delta R.T. -0.03 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Tgt Ion:149 Resp: 19600
Ion Ratio Lower Upper
149 100
177 26.5 16.7 25.1#
150 16.2 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

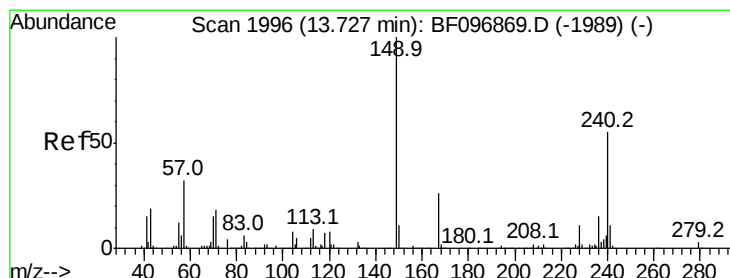
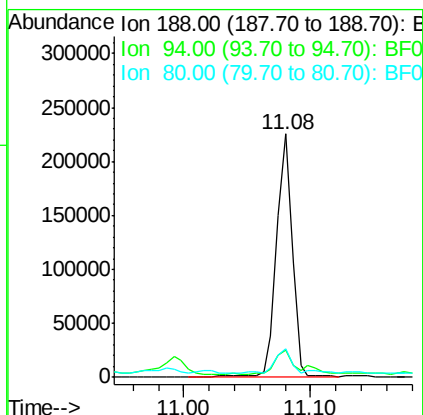
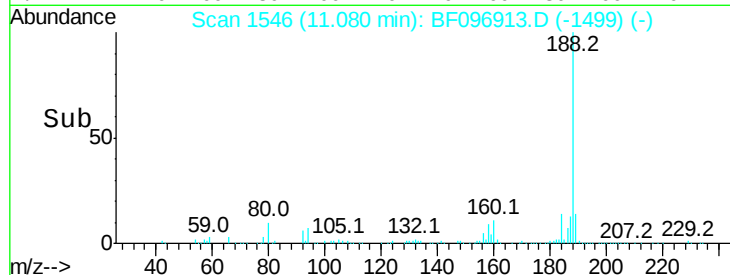
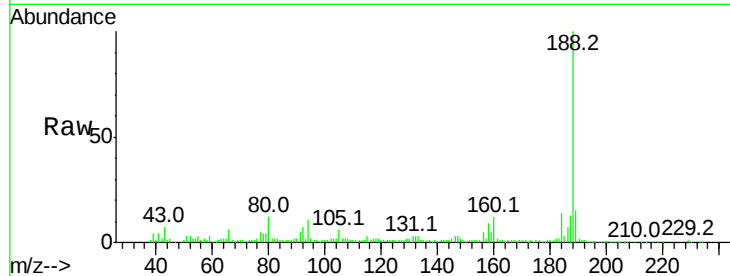




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.08 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

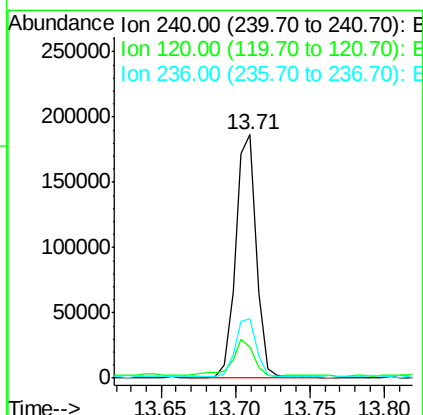
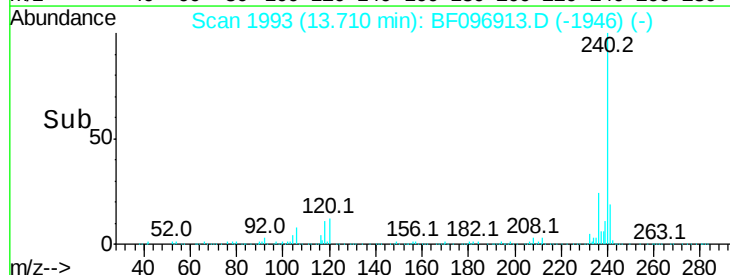
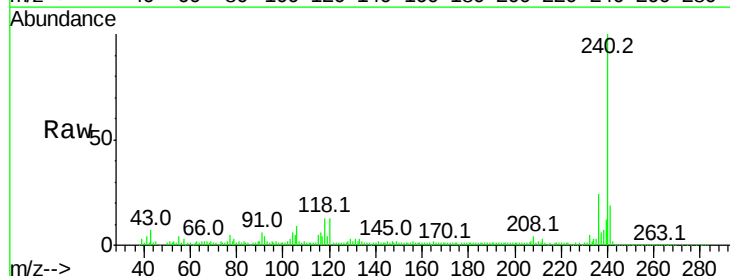
Instrument :
BNA_F
ClientSampleId :
DRUM-4-5-6-7-COMP

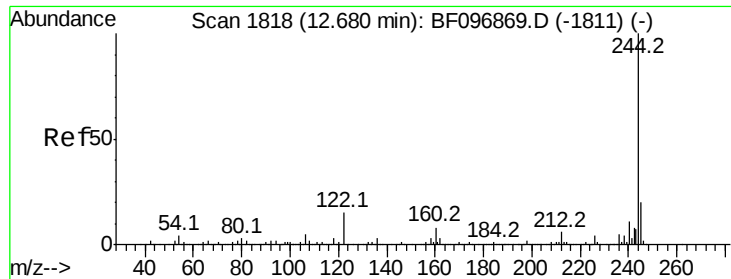
Tot Ion:188 Resp: 189968
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 11.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.71 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF096913.D
Acq: 20 Jul 2017 18:44

Tgt Ion:240 Resp: 180204
Ion Ratio Lower Upper
240 100
120 13.0 5.8 8.8#
236 24.2 20.5 30.7





#78

Terphenyl-d14

Concen: 48.520 ng

RT: 12.66 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF096913.D

Acq: 20 Jul 2017 18:44

Instrument :

BNA_F

ClientSampleId :

DRUM-4-5-6-7-COMP

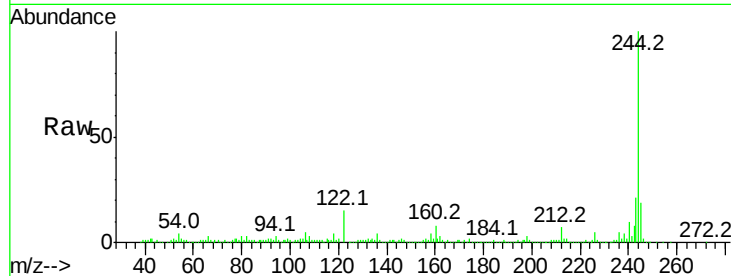
Tot Ion:244 Resp: 504167

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

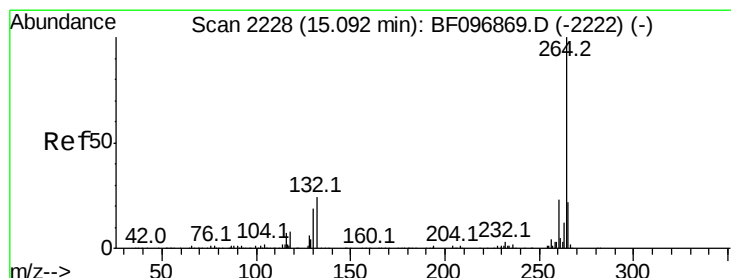
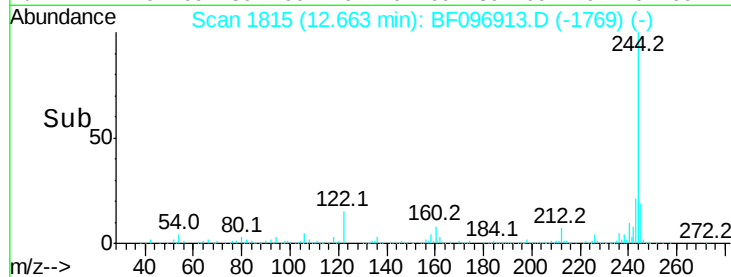
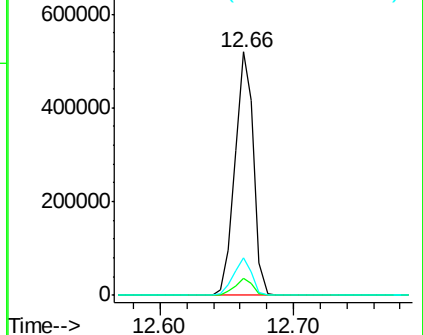
122 15.3 10.3 15.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.07 min Scan# 2225

Delta R.T. -0.03 min

Lab File: BF096913.D

Acq: 20 Jul 2017 18:44

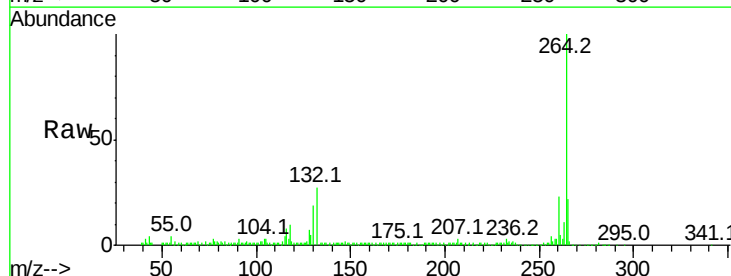
Tgt Ion:264 Resp: 181974

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 21.5 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

