

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096478.D
 Acq On : 5 Jul 2017 12:36
 Operator : SJ/MA
 Sample : I3975-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 05 13:17:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

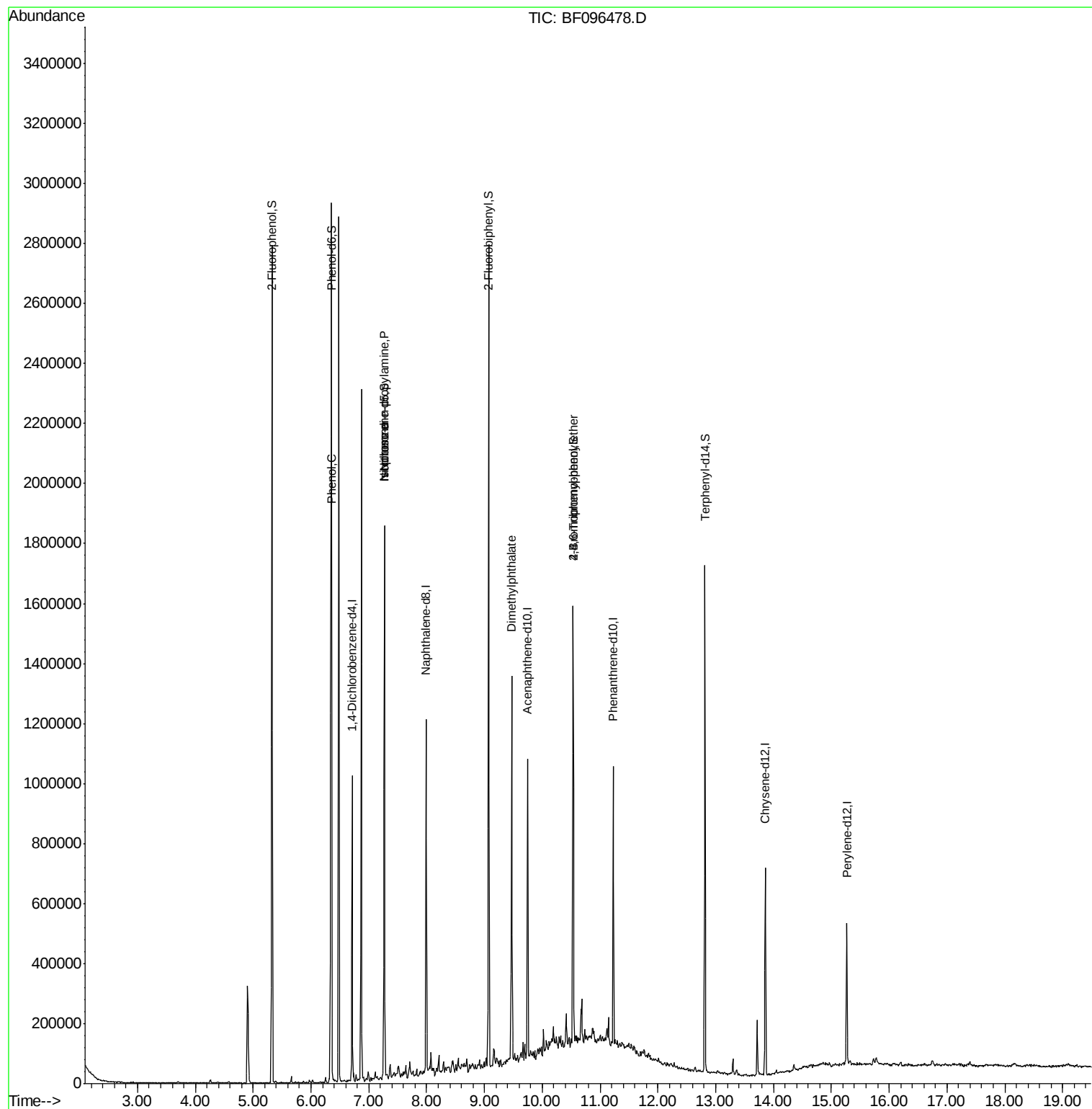
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	137268	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	498235	20.00	ng	-0.03
38) Acenaphthene-d10	9.75	164	207492	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	307100	20.00	ng	-0.02
75) Chrysene-d12	13.86	240	220179	20.00	ng	-0.02
86) Perylene-d12	15.27	264	197655	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	767723	82.55	ng	-0.02
7) Phenol-d6	6.35	99	1040397	91.00	ng	-0.02
23) Nitrobenzene-d5	7.27	82	594984	71.76	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	156007	96.26	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	835877	68.88	ng	-0.02
78) Terphenyl-d14	12.82	244	518898	50.36	ng	-0.02
Target Compounds						
10) Phenol	6.36	94	29336	2.25	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.27	70	81959	12.03	ng	# 86
25) Isophorone	7.27	82	590779	36.75	ng	# 67
49) Dimethylphthalate	9.47	163	477053	30.80	ng	99
66) 4-Bromophenyl-phenylether	10.53	248	10246	3.43	ng	# 1

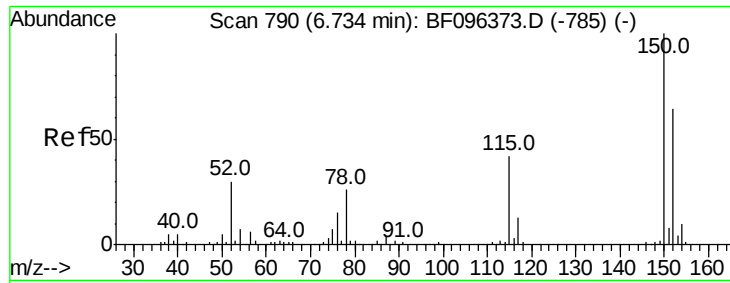
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BF096478.D

Acq: 5 Jul 2017 12:36

Instrument :

BNA_F

ClientSampleId :

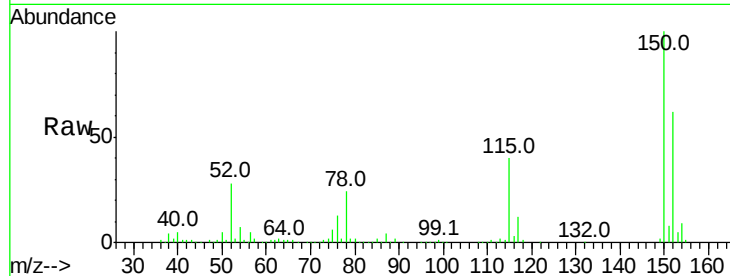
Tot Ion:152 Resp: 137268

Ion Ratio Lower Upper

152 100

150 162.3 126.2 189.2

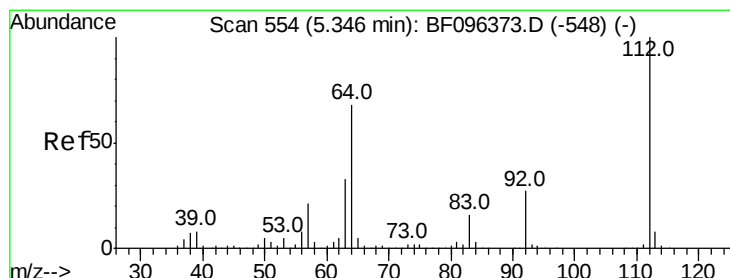
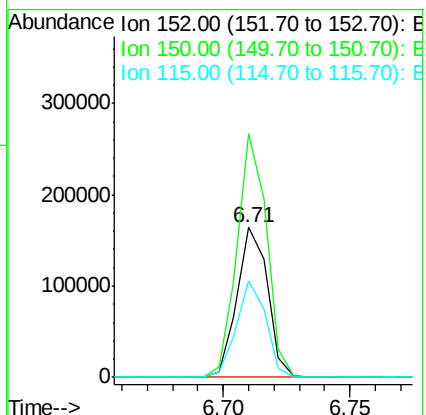
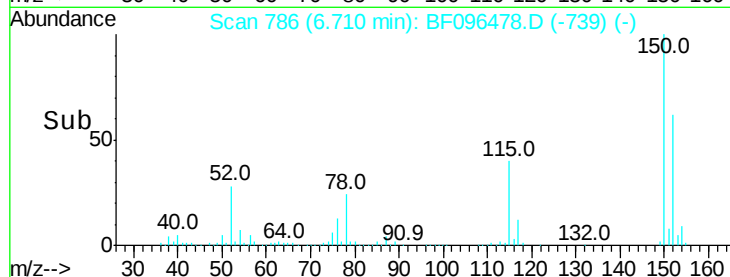
115 64.2 52.2 78.2



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: 82.55 ng

RT: 5.33 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF096478.D

Acq: 5 Jul 2017 12:36

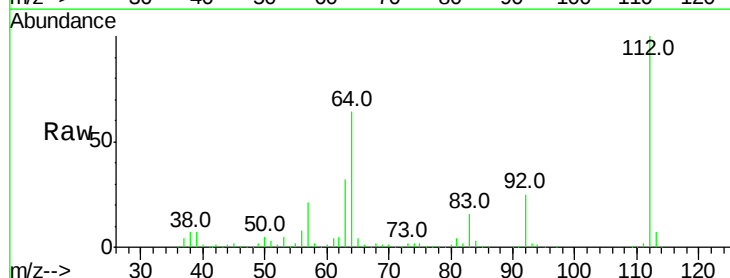
Tgt Ion:112 Resp: 767723

Ion Ratio Lower Upper

112 100

64 64.4 46.0 69.0

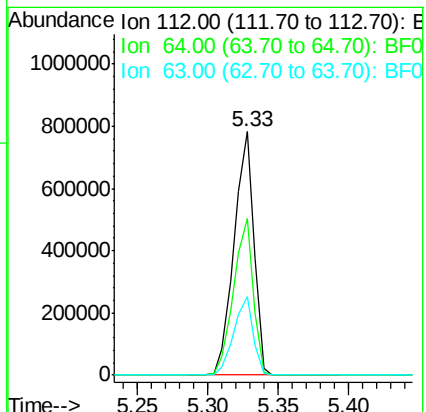
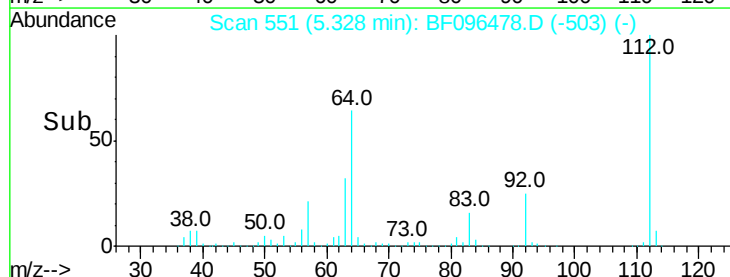
63 32.3 23.4 35.0

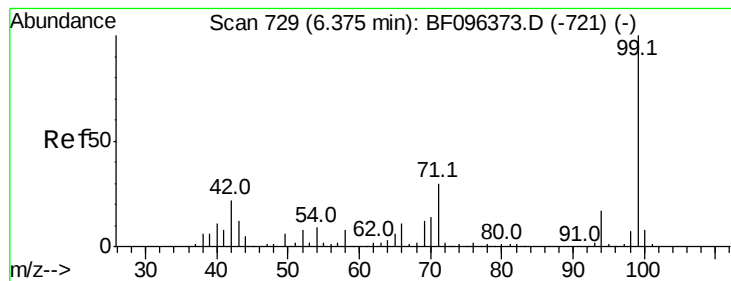


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 91.00 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF096478.D

Acq: 5 Jul 2017 12:36

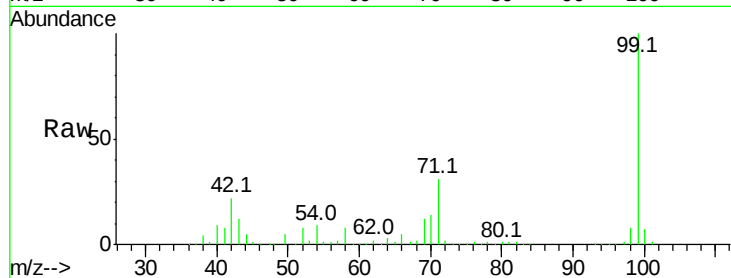
Instrument :

BNA_F

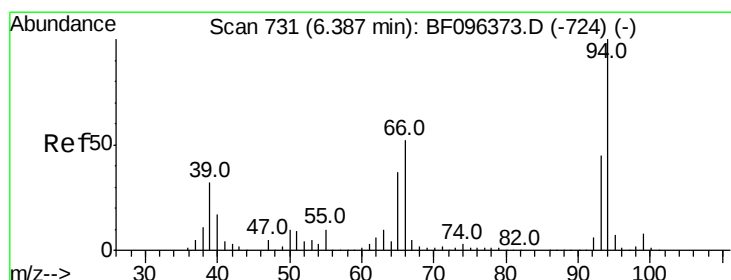
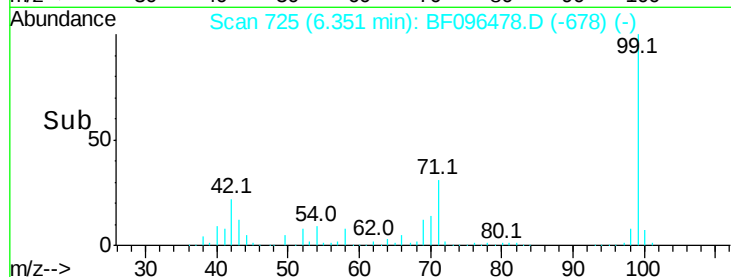
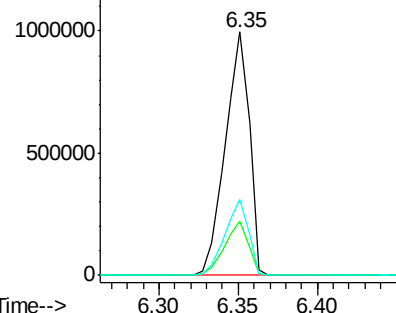
ClientSampleId :

Tot Ion: 99 Resp: 1040397

Ion	Ratio	Lower	Upper
99	100		
42	22.4	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



#10

Phenol

Concen: 2.25 ng

RT: 6.36 min Scan# 727

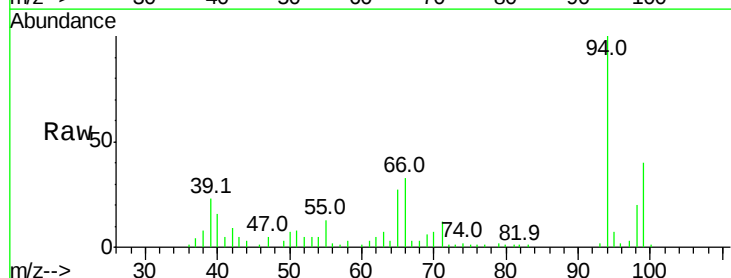
Delta R.T. -0.02 min

Lab File: BF096478.D

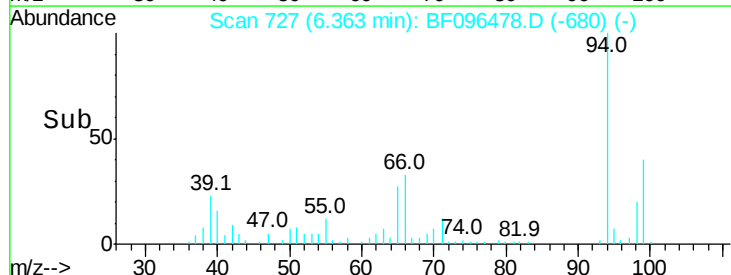
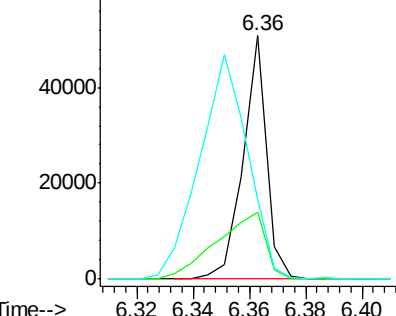
Acq: 5 Jul 2017 12:36

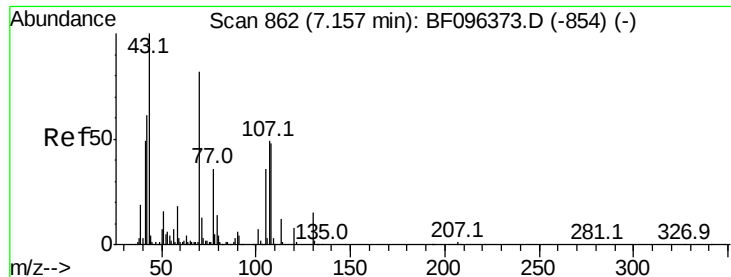
Tgt Ion: 94 Resp: 29336

Ion	Ratio	Lower	Upper
94	100		
65	27.4	9.9	49.9
66	32.9	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

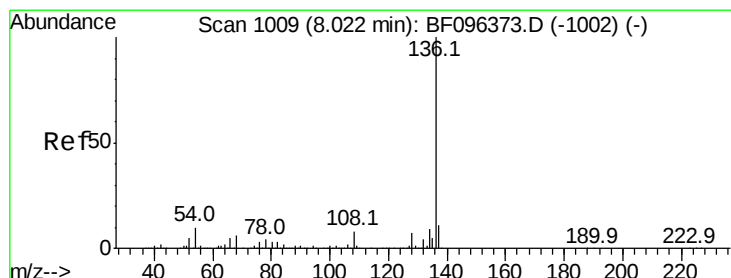
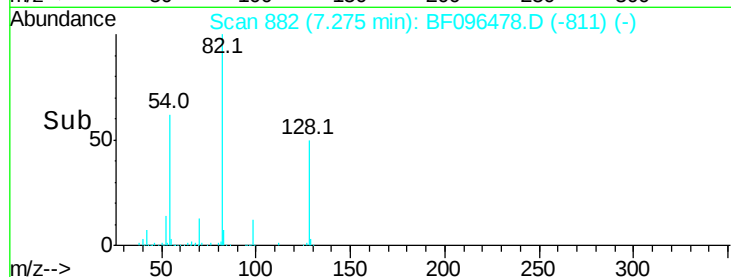
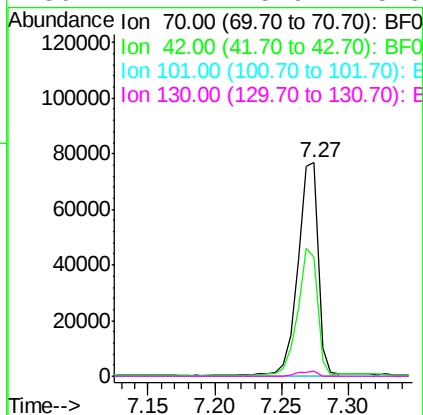
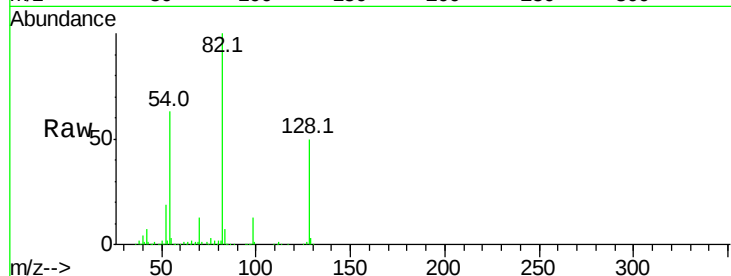




#19
n-Nitroso-di-n-propylamine
Concen: 12.03 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.12 min
Lab File: BF096478.D
Acq: 5 Jul 2017 12:36

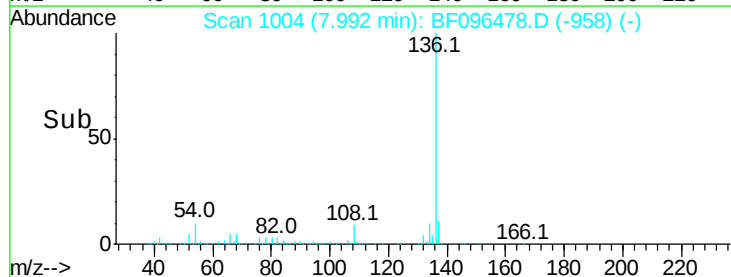
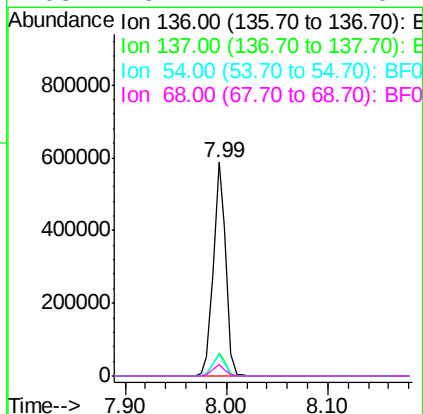
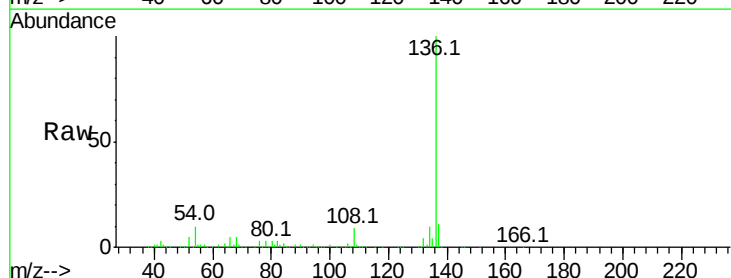
Instrument :
BNA_F
ClientSampled :

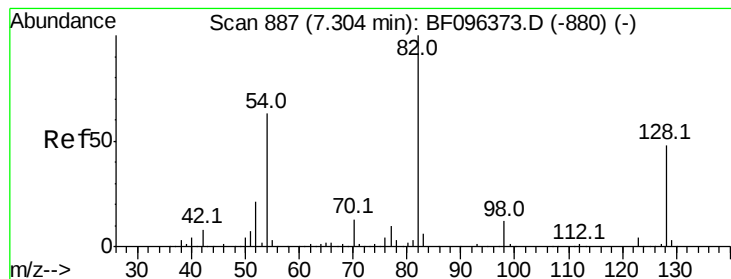
Tot Ion: 70 Resp: 81959
Ion Ratio Lower Upper
70 100
42 55.6 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.03 min
Lab File: BF096478.D
Acq: 5 Jul 2017 12:36

Tgt Ion:136 Resp: 498235
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.2 4.9 7.3#
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 71.76 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.03 min

Lab File: BF096478.D

Acq: 5 Jul 2017 12:36

Instrument :

BNA_F

ClientSampleId :

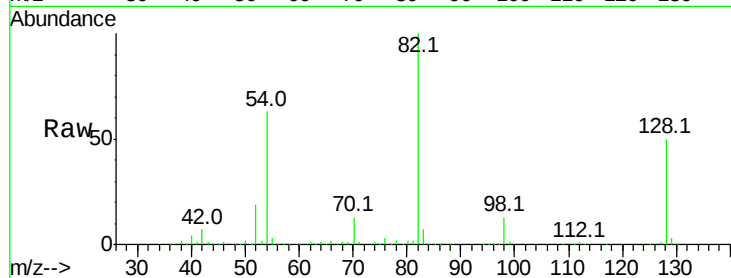
Tot Ion: 82 Resp: 594984

Ion Ratio Lower Upper

82 100

128 50.1 34.0 51.0

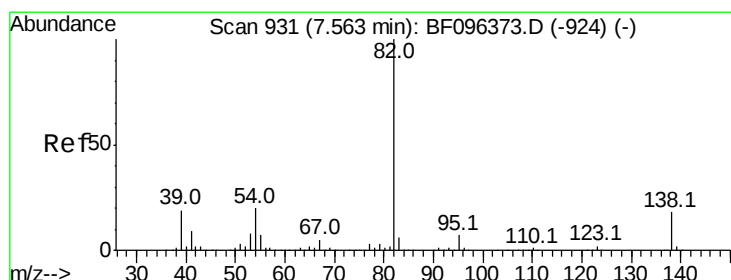
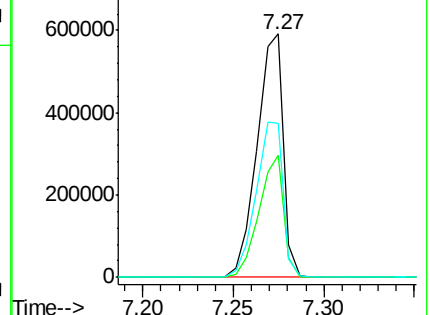
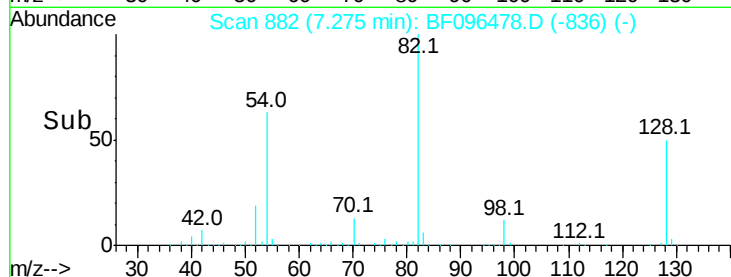
54 63.2 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 36.75 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.29 min

Lab File: BF096478.D

Acq: 5 Jul 2017 12:36

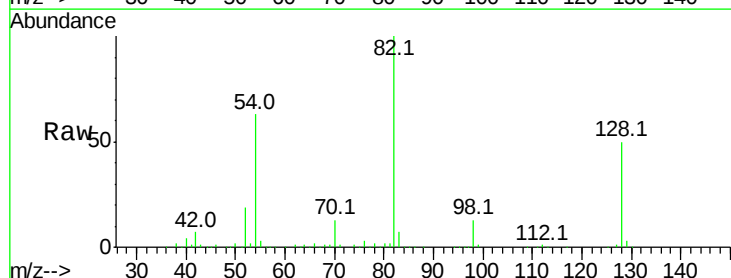
Tgt Ion: 82 Resp: 590779

Ion Ratio Lower Upper

82 100

95 0.2 5.3 7.9#

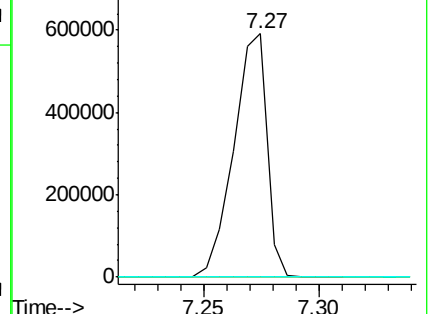
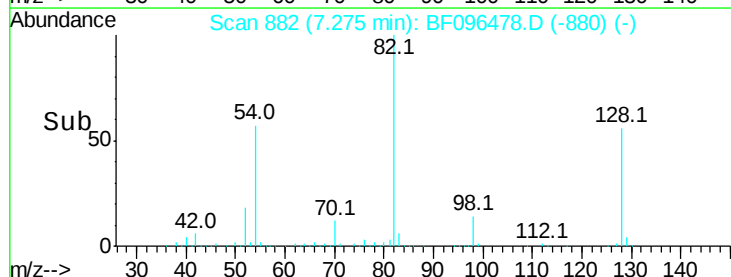
138 0.0 13.1 19.7#

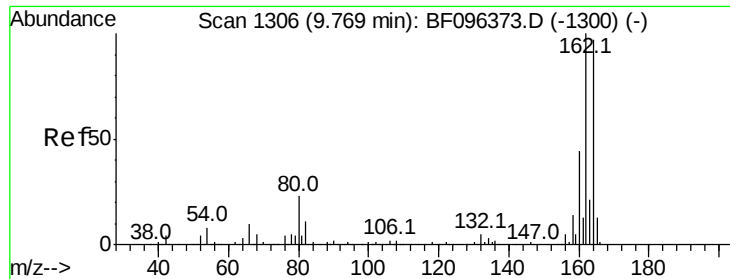


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF096478.D

Acq: 5 Jul 2017 12:36

Instrument :

BNA_F

ClientSampleId :

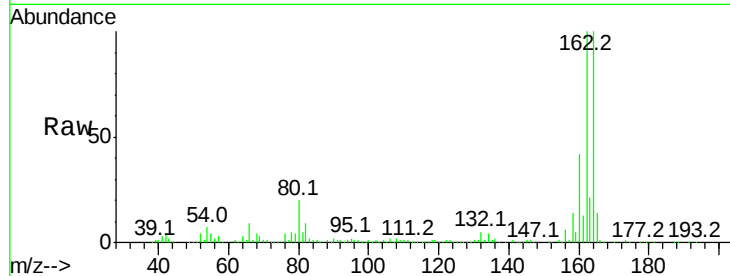
Tot Ion:164 Resp: 207492

Ion Ratio Lower Upper

164 100

162 100.2 82.6 123.8

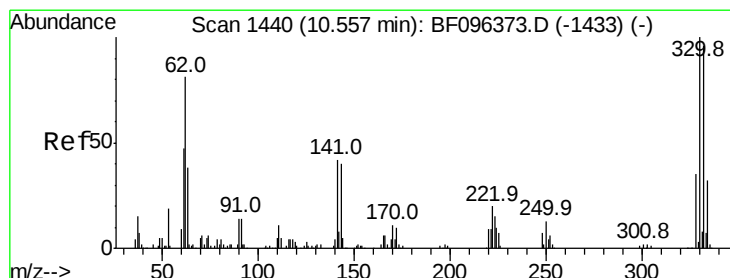
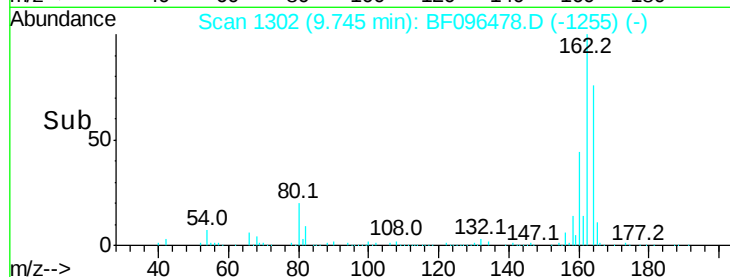
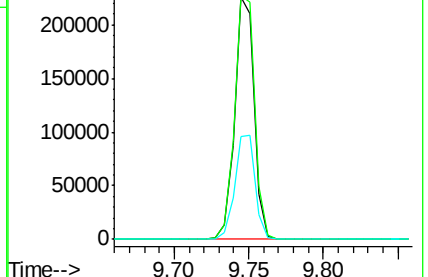
160 42.3 36.2 54.2



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: 96.26 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF096478.D

Acq: 5 Jul 2017 12:36

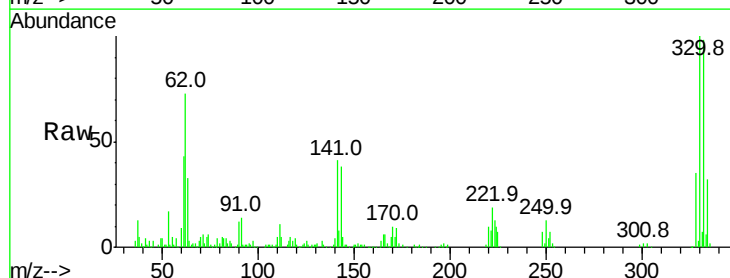
Tgt Ion:330 Resp: 156007

Ion Ratio Lower Upper

330 100

332 98.9 76.6 115.0

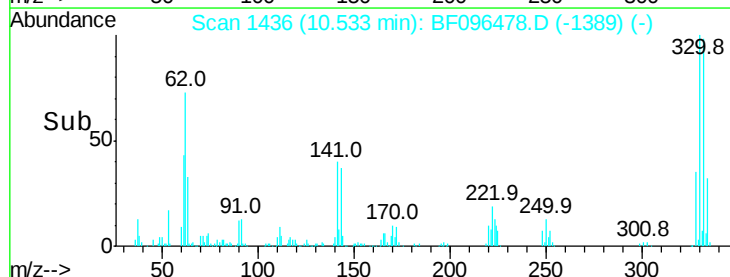
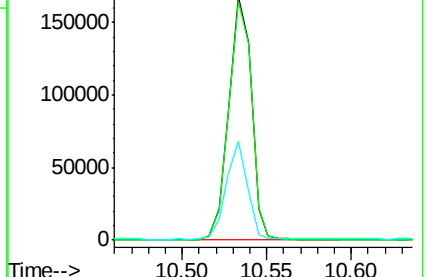
141 37.6 31.4 47.2

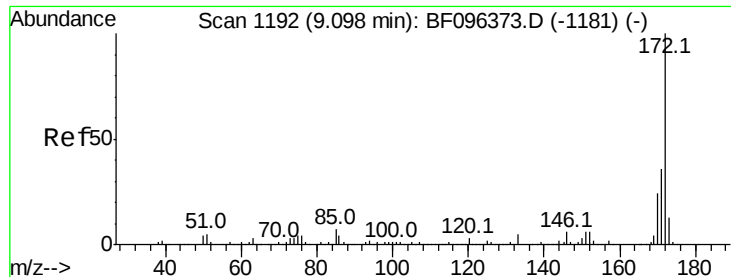


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

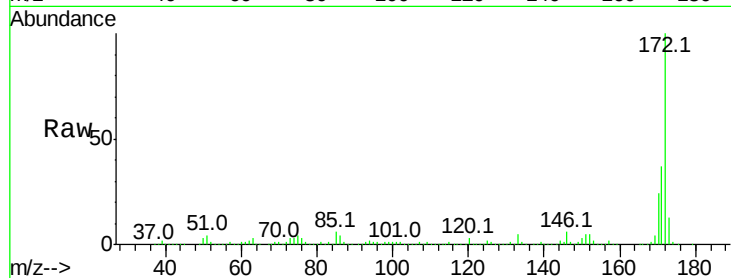




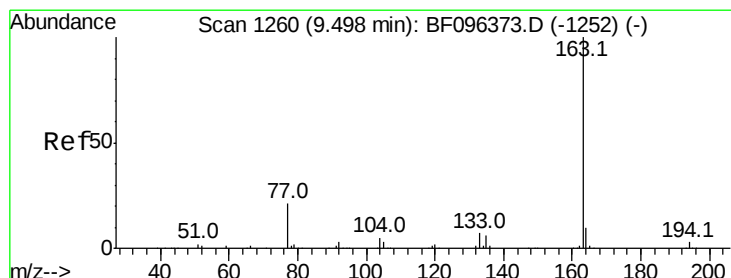
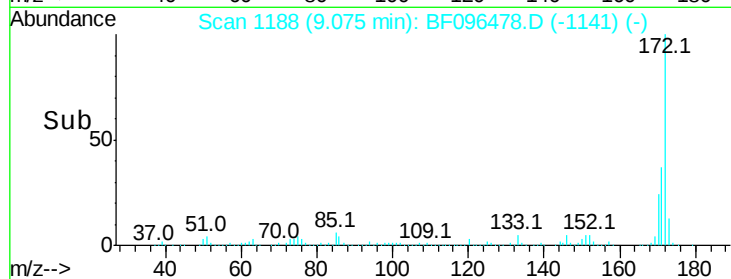
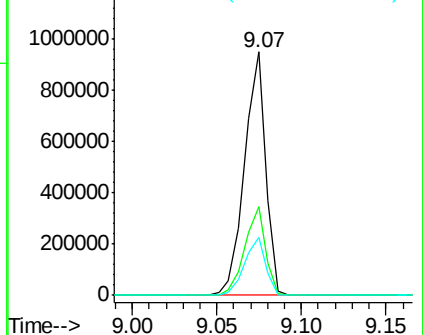
#44
2-Fluorobiphenyl
Concen: 68.88 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF096478.D
Acq: 5 Jul 2017 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 835877
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 23.8 19.8 29.8

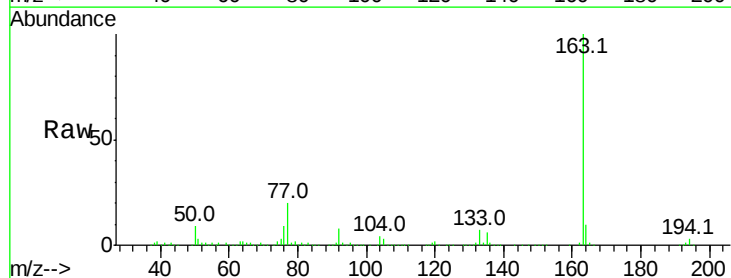


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

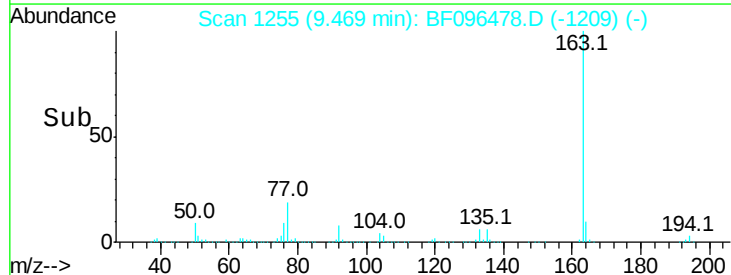
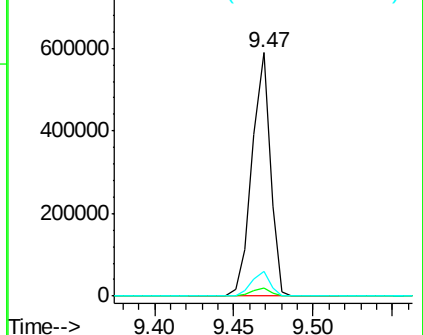


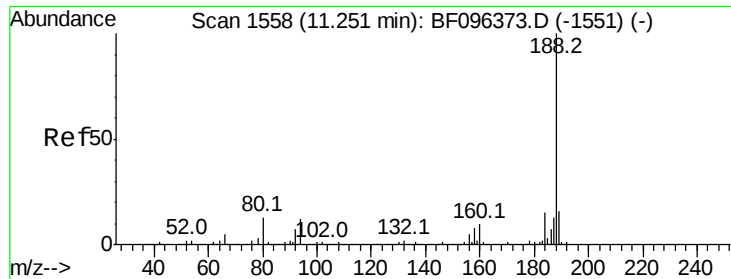
#49
Dimethylphthalate
Concen: 30.80 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.03 min
Lab File: BF096478.D
Acq: 5 Jul 2017 12:36

Tgt Ion:163 Resp: 477053
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.1 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

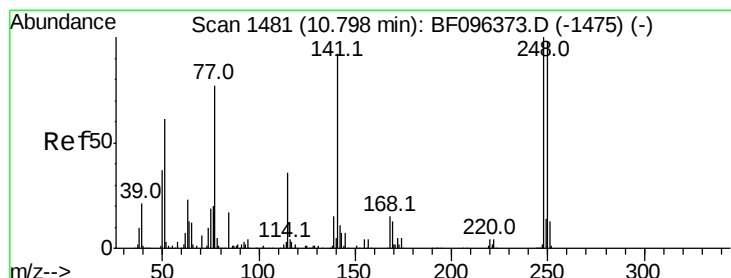
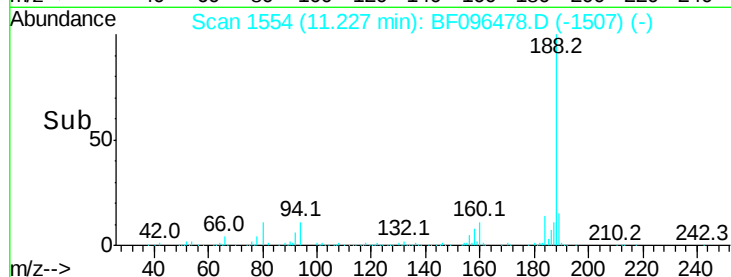
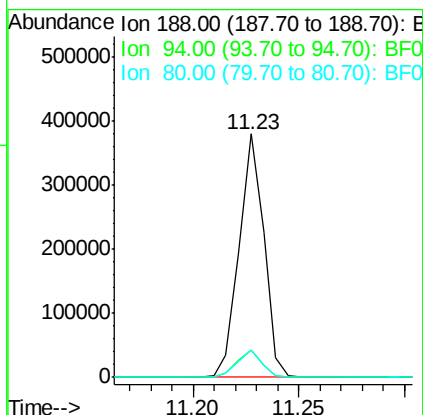
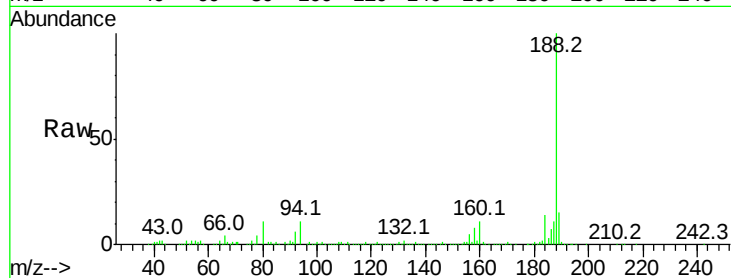




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF096478.D
Acq: 5 Jul 2017 12:36

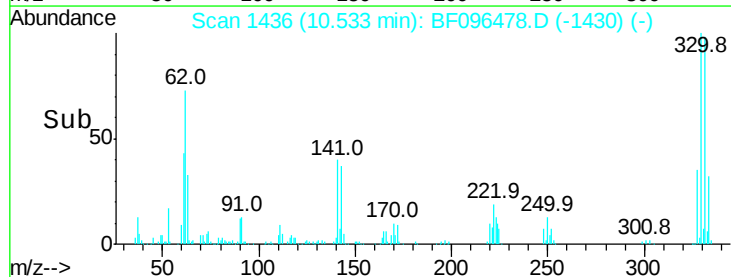
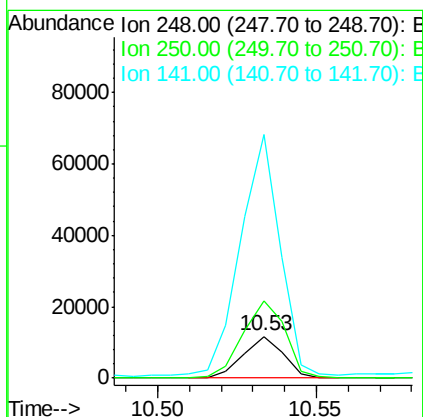
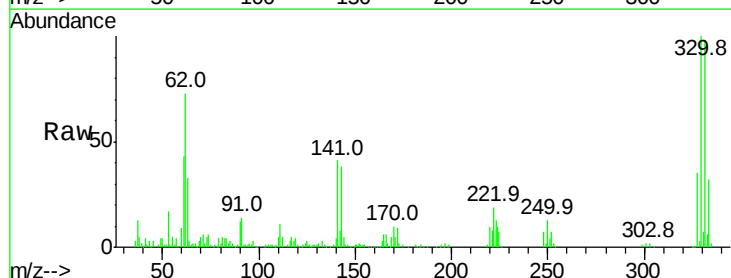
Instrument :
BNA_F
ClientSampled :

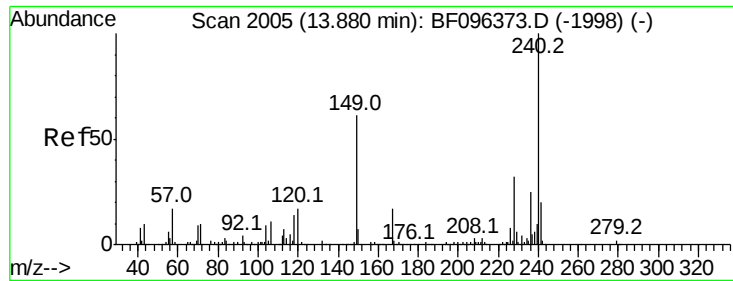
Tot Ion:188 Resp: 307100
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.5 10.2 15.2



#66
4-Bromophenyl-phenylether
Concen: 3.43 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.26 min
Lab File: BF096478.D
Acq: 5 Jul 2017 12:36

Tgt Ion:248 Resp: 10246
Ion Ratio Lower Upper
248 100
250 185.5 76.8 115.2#
141 585.2 68.6 103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF096478.D

Acq: 5 Jul 2017 12:36

Instrument :

BNA_F

ClientSampleId :

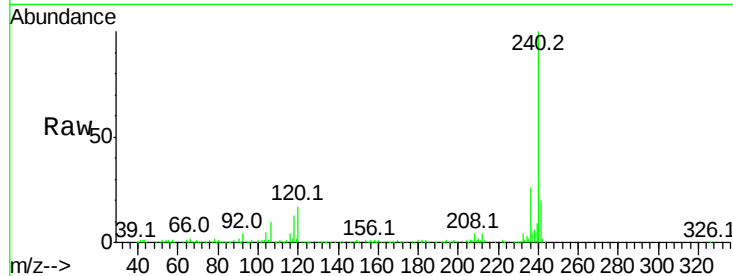
Tot Ion:240 Resp: 220179

Ion Ratio Lower Upper

240 100

120 16.7 5.8 8.8#

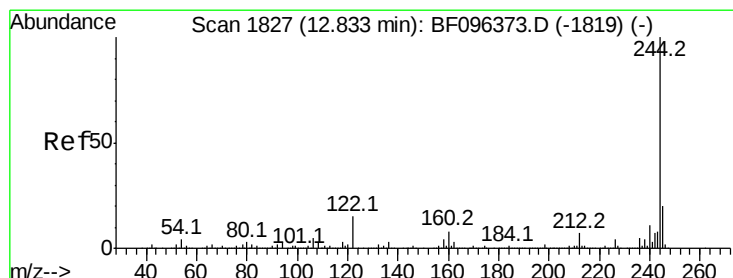
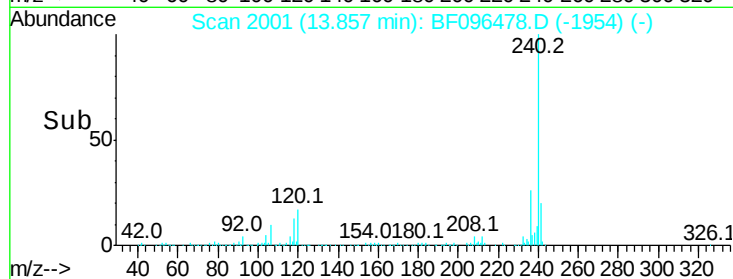
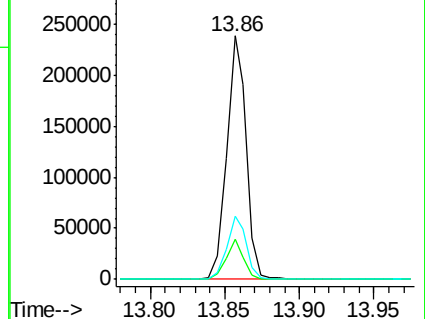
236 26.1 20.5 30.7



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: 50.36 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF096478.D

Acq: 5 Jul 2017 12:36

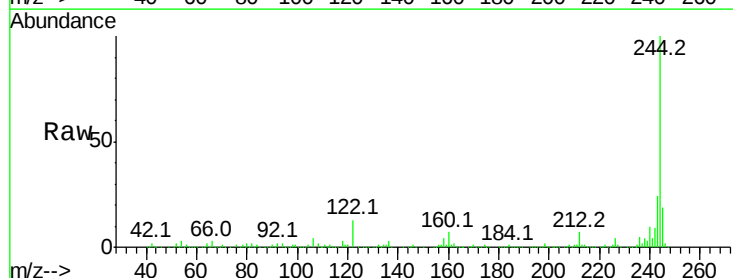
Tgt Ion:244 Resp: 518898

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

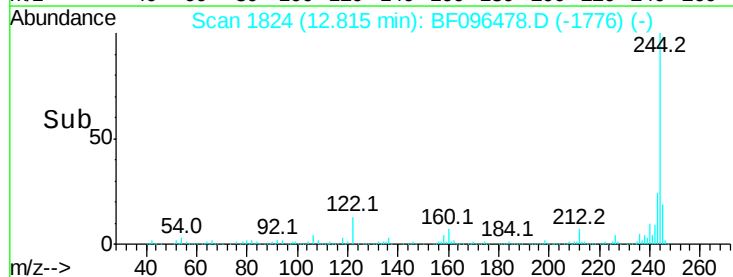
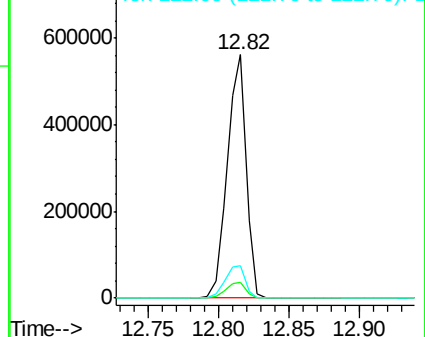
122 13.2 10.3 15.5

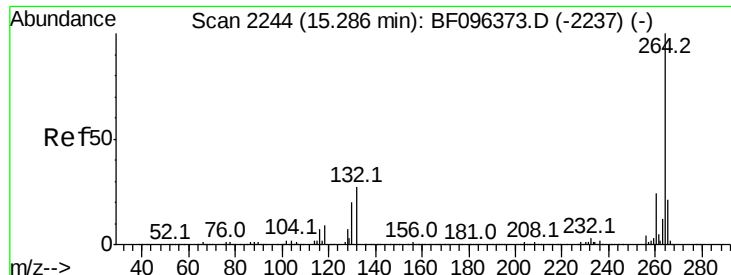


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

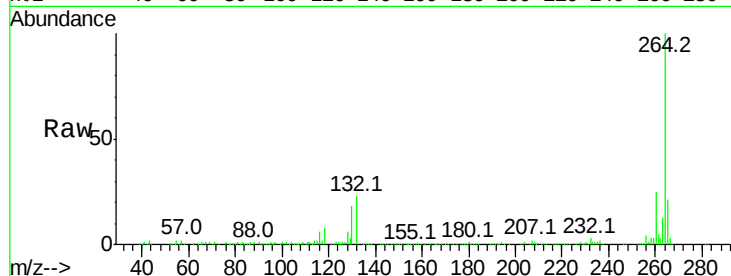




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BF096478.D
Acq: 5 Jul 2017 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	20.8	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

