

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
 Data File : BF096525.D
 Acq On : 6 Jul 2017 11:37
 Operator : SJ/MA
 Sample : PB100404BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100404BL

Quant Time: Jul 06 18:23:28 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

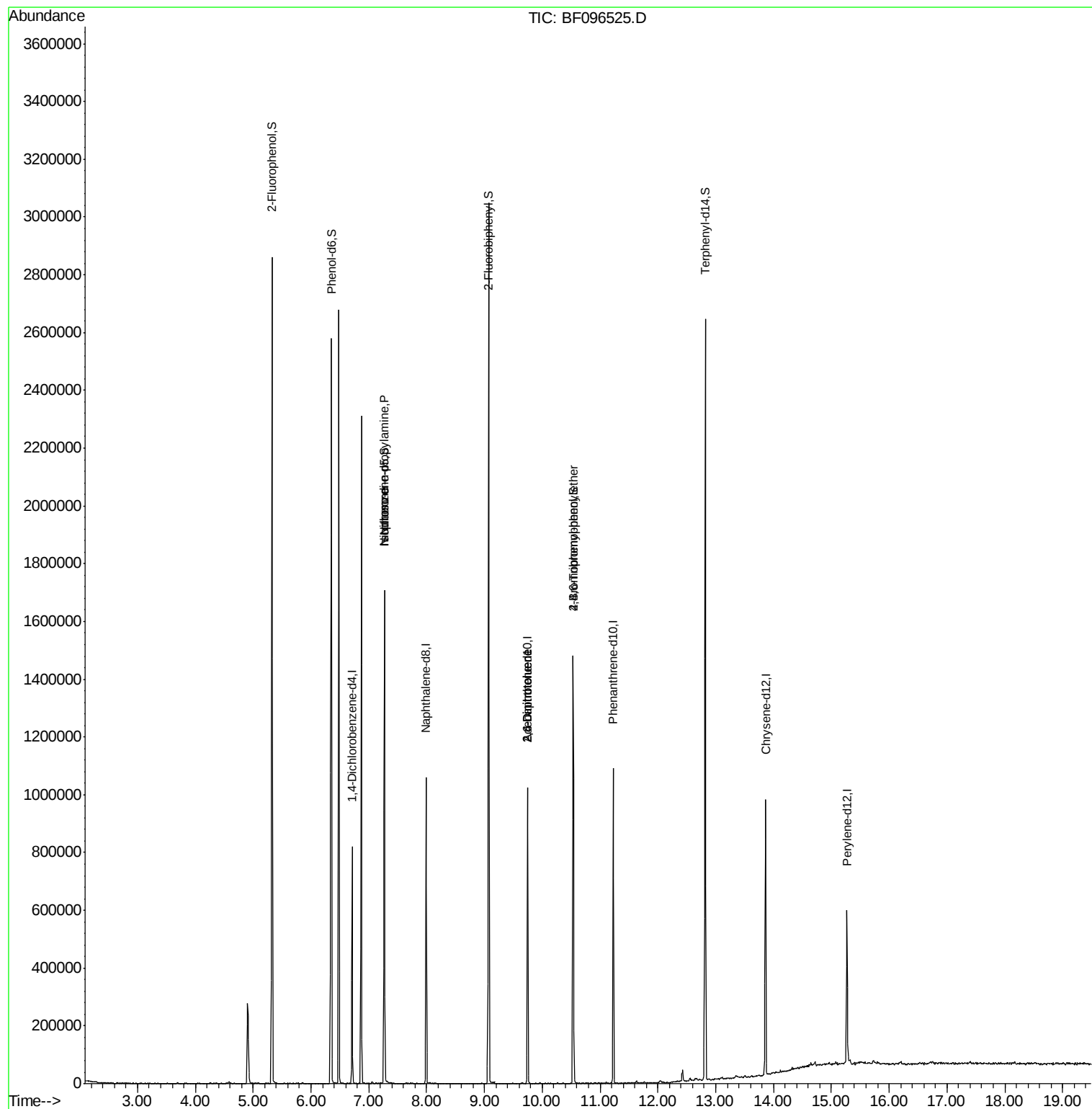
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	110936	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	463302	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	216057	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	377812	20.00	ng	0.00
75) Chrysene-d12	13.86	240	324820	20.00	ng	0.00
86) Perylene-d12	15.27	264	232799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	815604	108.51	ng	0.00
7) Phenol-d6	6.35	99	978650	105.91	ng	0.00
23) Nitrobenzene-d5	7.27	82	562814	73.00	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	169076	100.18	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1021362	80.83	ng	0.00
78) Terphenyl-d14	12.82	244	898132	59.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	74853	13.598	ng	# 86
25) Isophorone	7.27	82	559780	37.446	ng	# 67
50) 2,6-Dinitrotoluene	9.75	165	27384	7.678	ng	# 33
56) 2,4-Dinitrotoluene	9.75	165	27384	6.063	ng	# 33
66) 4-Bromophenyl-phenylether	10.53	248	10812	2.940	ng	# 1

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

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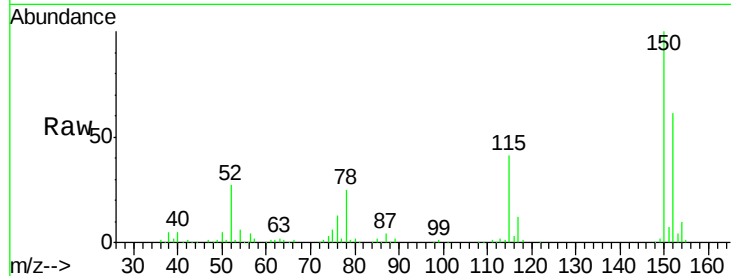


#1

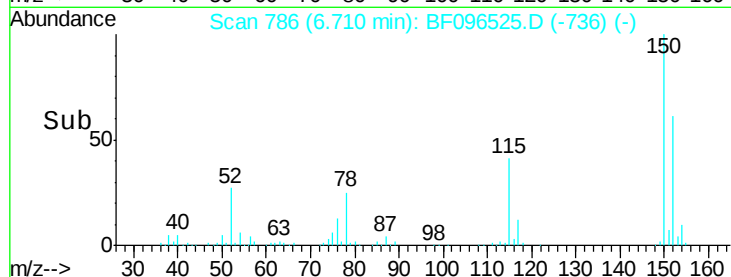
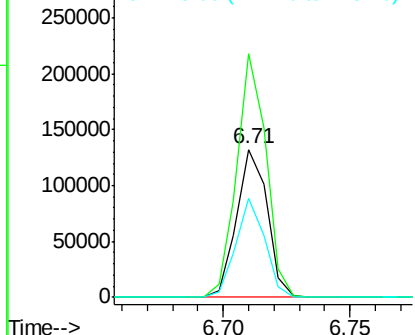
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF096525.D
 Acq: 6 Jul 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB100404BL

Tgt Ion:152 Resp: 110936
 Ion Ratio Lower Upper
 152 100
 150 164.3 126.2 189.2
 115 67.0 52.2 78.2



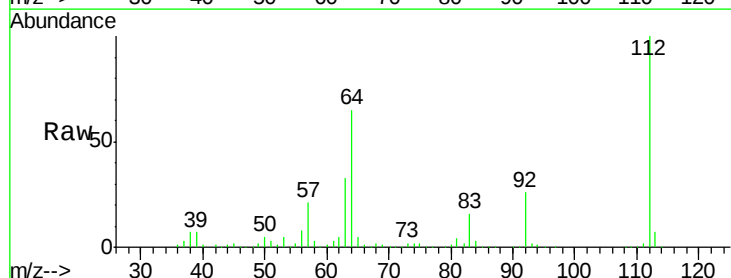
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



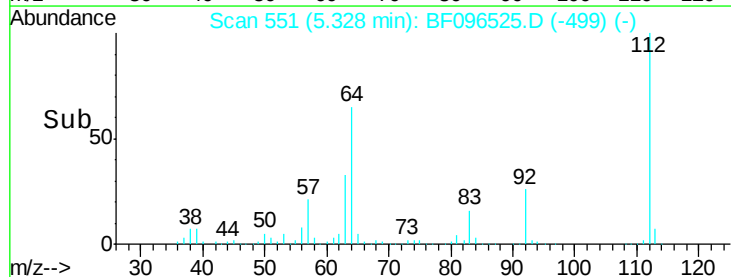
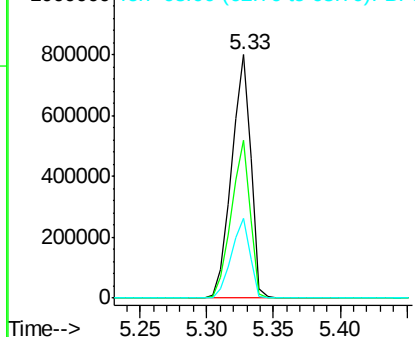
#5

2-Fluorophenol
 Concen: 108.514 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF096525.D
 Acq: 6 Jul 2017 11:37

Tgt Ion:112 Resp: 815604
 Ion Ratio Lower Upper
 112 100
 64 64.6 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: 105.913 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096525.D

Acq: 6 Jul 2017 11:37

Instrument :

BNA_F

ClientSampleId :

PB100404BL

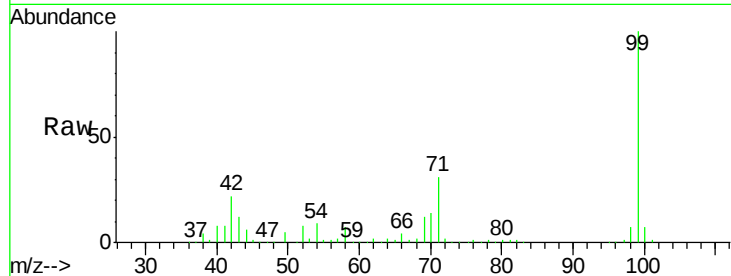
Tgt Ion: 99 Resp: 978650

Ion Ratio Lower Upper

99 100

42 21.9 13.5 20.3#

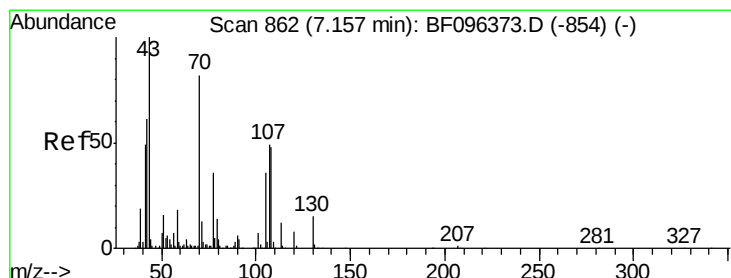
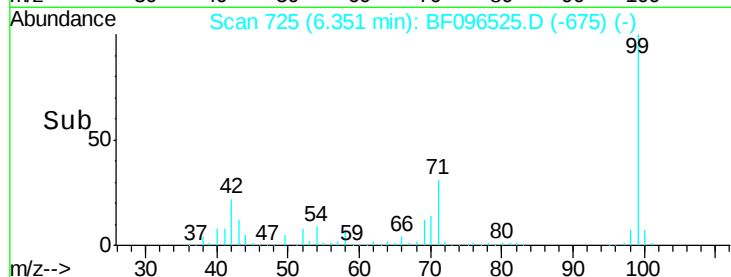
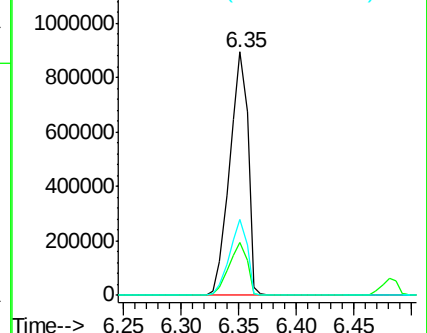
71 31.1 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.598 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF096525.D

Acq: 6 Jul 2017 11:37

Tgt Ion: 70 Resp: 74853

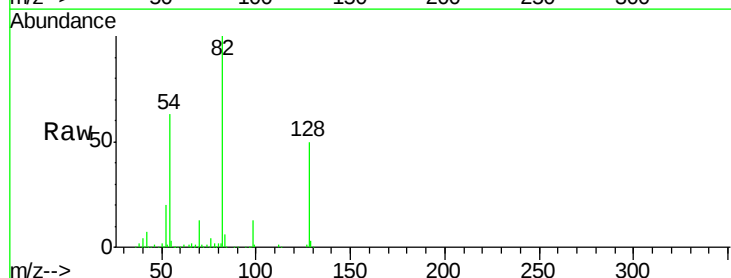
Ion Ratio Lower Upper

70 100

42 56.3 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

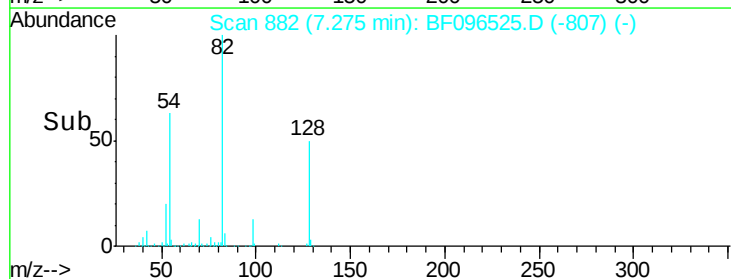
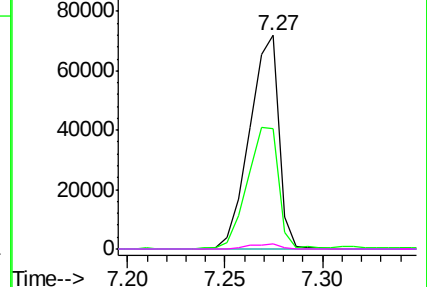


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

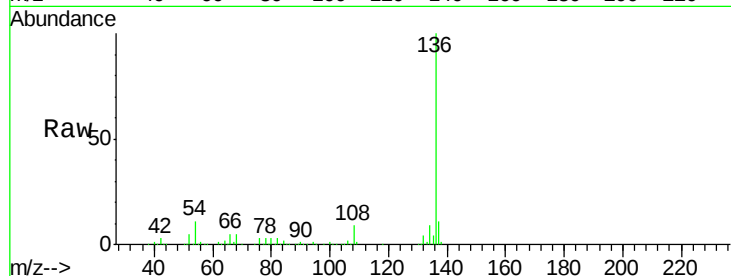




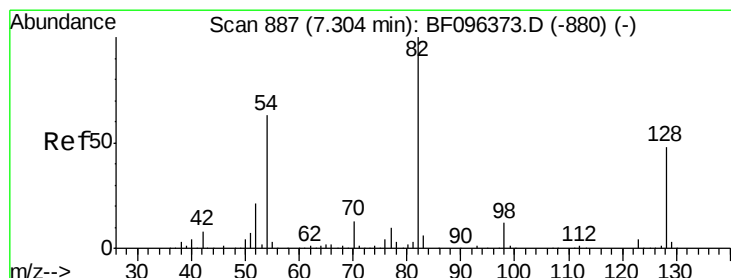
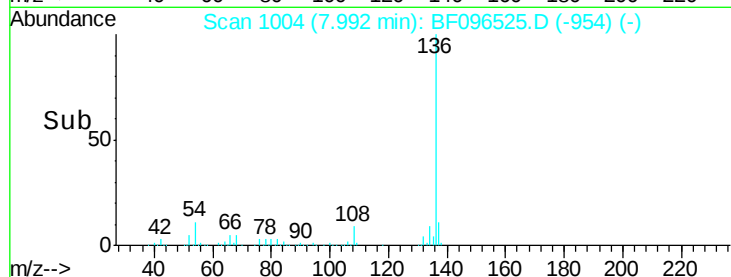
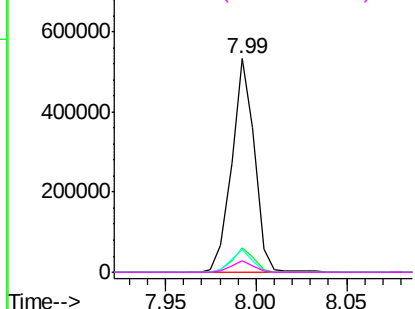
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096525.D
Acq: 6 Jul 2017 11:37

Instrument :
BNA_F
ClientSampleId :
PB100404BL

Tgt Ion:	136	Resp:	463302
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.7	4.9	7.3#
68	5.1	4.1	6.1

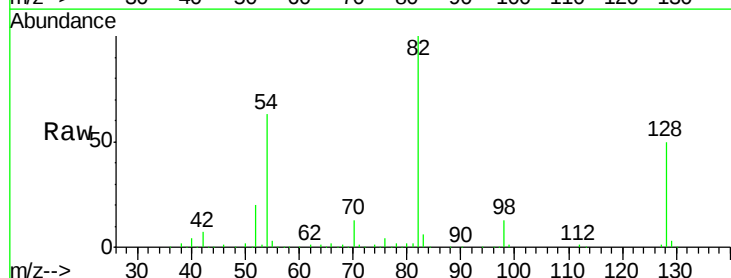


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

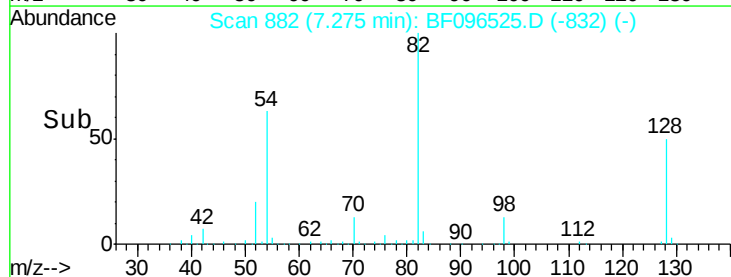
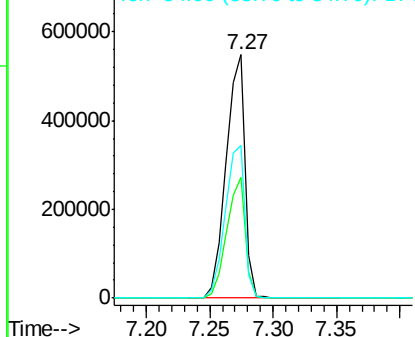


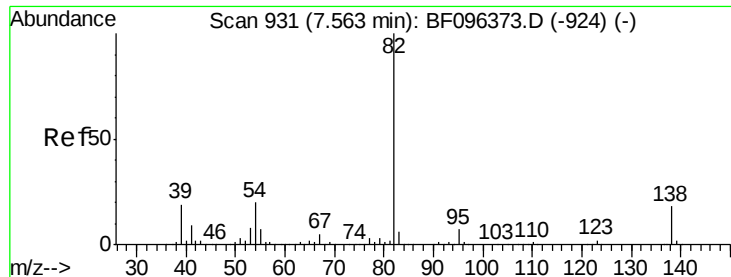
#23
Nitrobenzene-d5
Concen: 72.998 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF096525.D
Acq: 6 Jul 2017 11:37

Tgt Ion:	82	Resp:	562814
Ion	Ratio	Lower	Upper
82	100		
128	49.6	34.0	51.0
54	62.8	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





#25

Isophorone

Concen: 37.446 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF096525.D

Acq: 6 Jul 2017 11:37

Instrument :

BNA_F

ClientSampleId :

PB100404BL

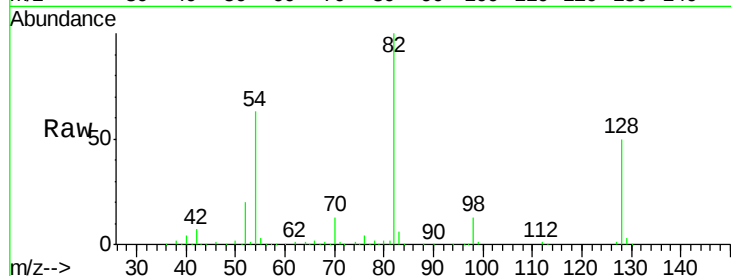
Tgt Ion: 82 Resp: 559780

Ion Ratio Lower Upper

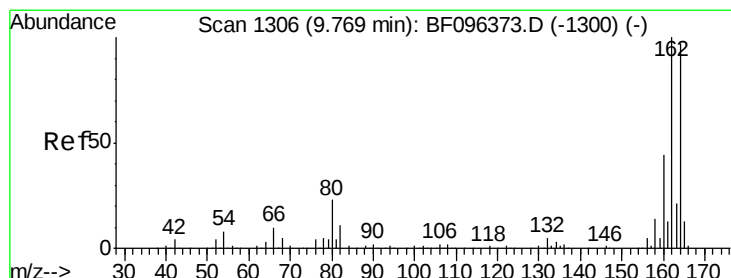
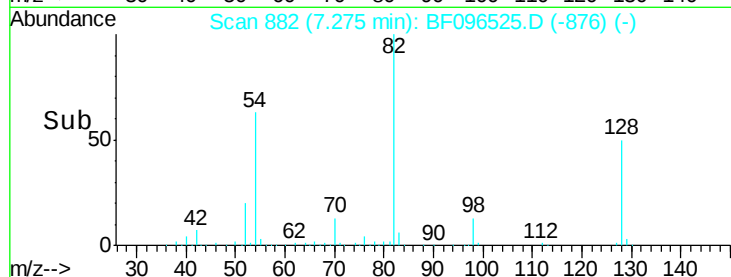
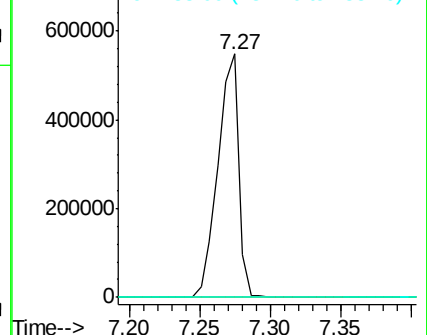
82 100

95 0.0 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: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF096525.D

Acq: 6 Jul 2017 11:37

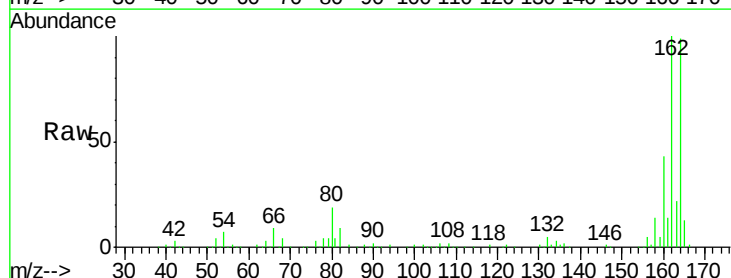
Tgt Ion: 164 Resp: 216057

Ion Ratio Lower Upper

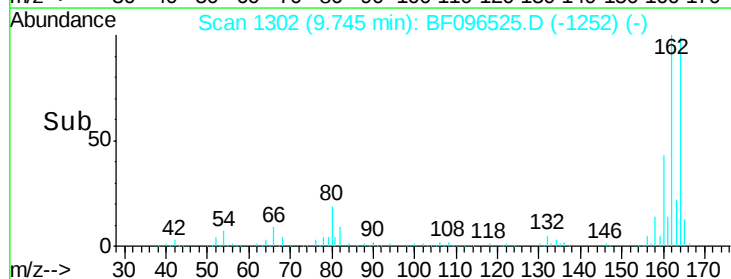
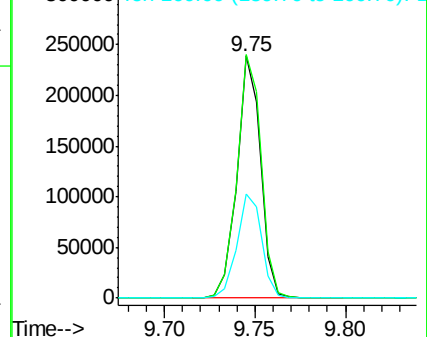
164 100

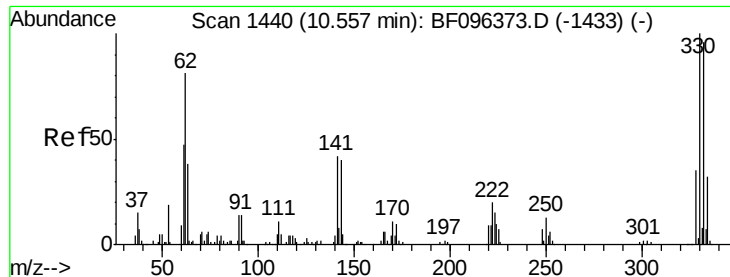
162 100.6 82.6 123.8

160 42.8 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

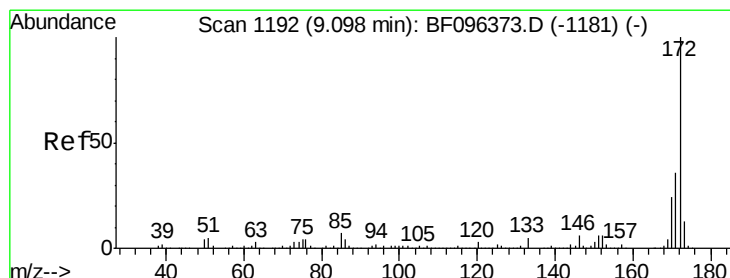
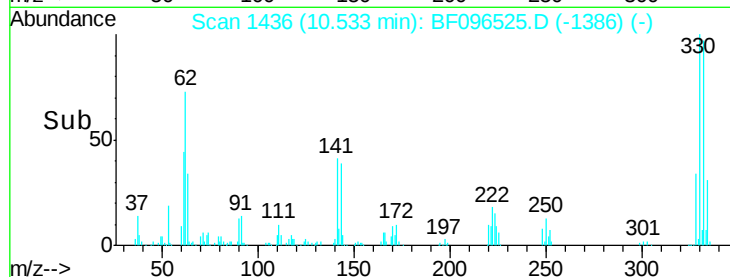
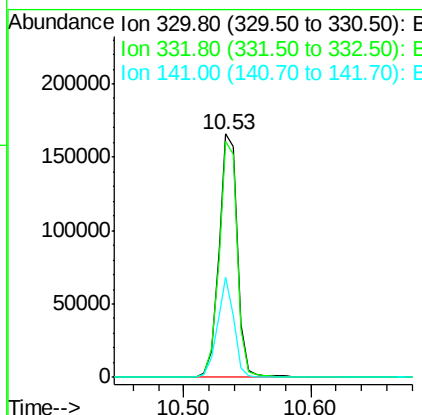
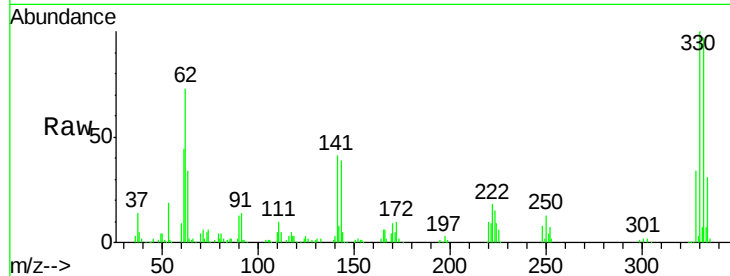




#41
 2,4,6-Tribromophenol
 Concen: 100.183 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF096525.D
 Acq: 6 Jul 2017 11:37

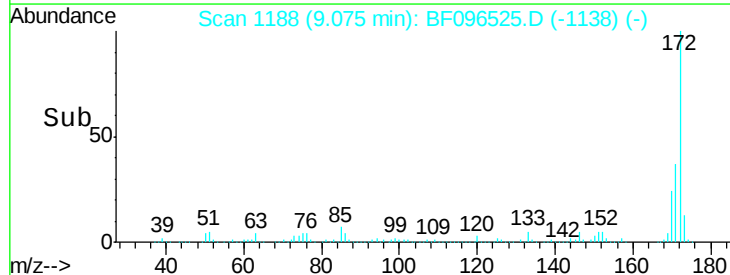
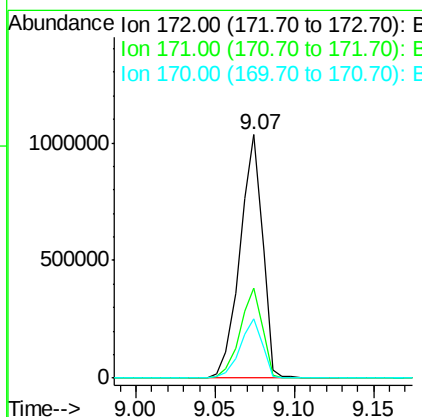
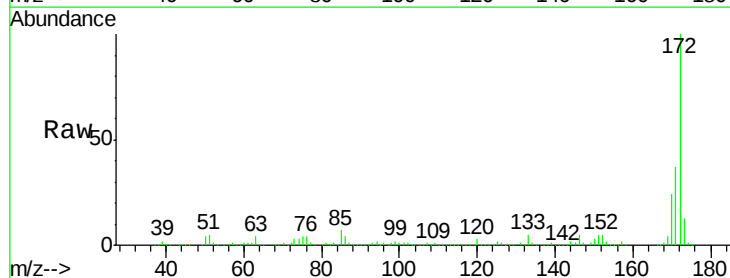
Instrument :
 BNA_F
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 PB100404BL

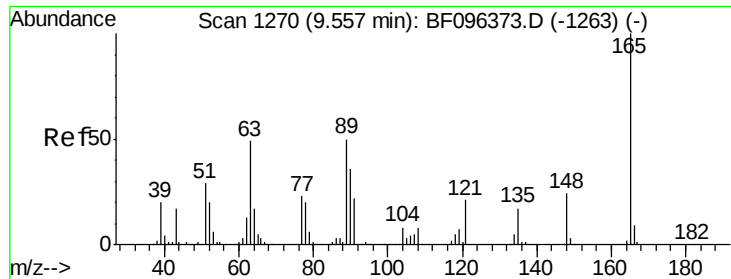
Tgt Ion:330 Resp: 169076
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 36.9 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 80.826 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096525.D
 Acq: 6 Jul 2017 11:37

Tgt Ion:172 Resp: 1021362
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.3 19.8 29.8

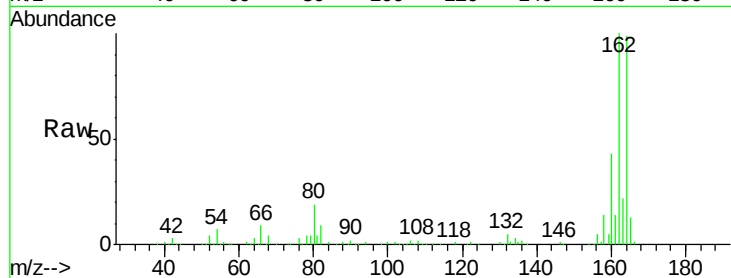




#50
 2,6-Dinitrotoluene
 Concen: 7.678 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.21 min
 Lab File: BF096525.D
 Acq: 6 Jul 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :
 PB100404BL

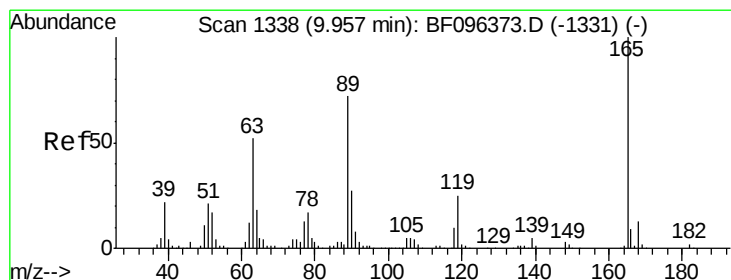
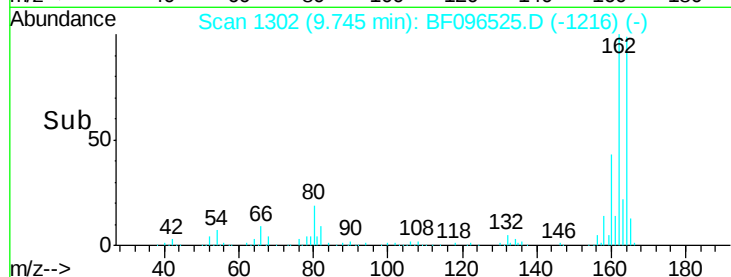
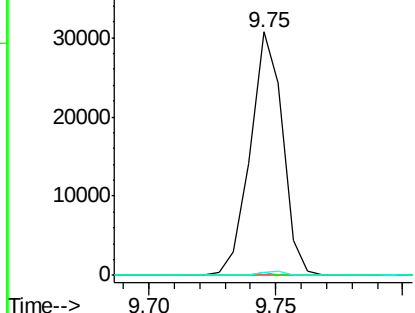
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	1.1	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

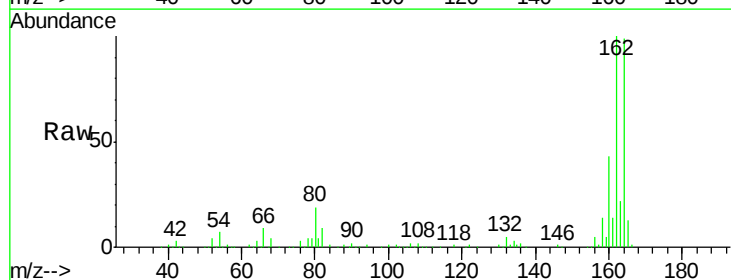
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.063 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.19 min
 Lab File: BF096525.D
 Acq: 6 Jul 2017 11:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.1	46.4	69.6#
182	0.0	1.8	2.6#

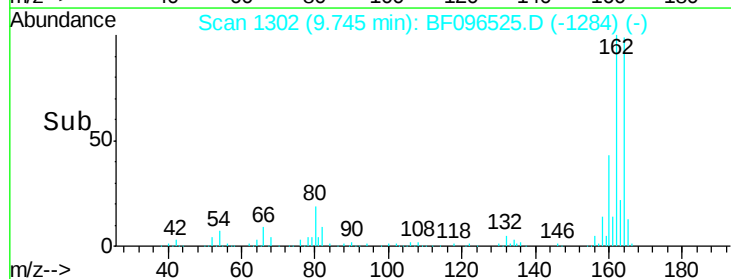
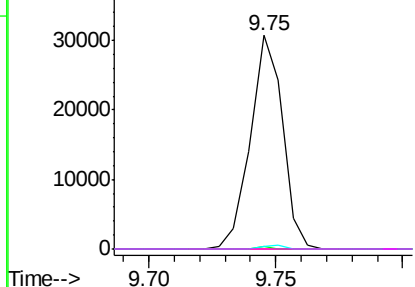


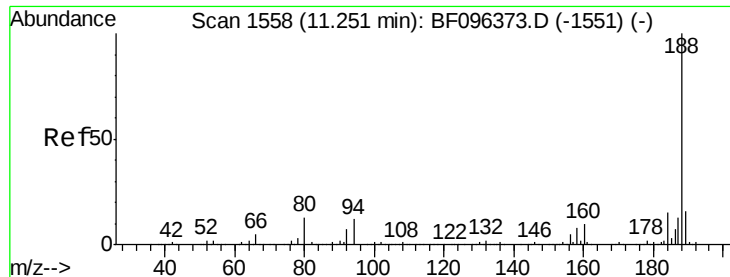
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

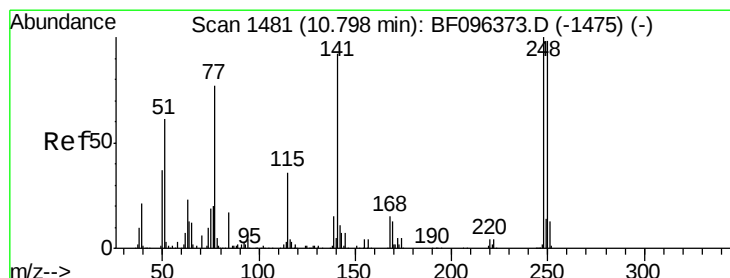
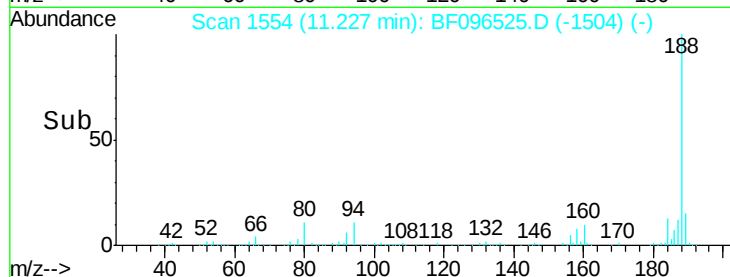
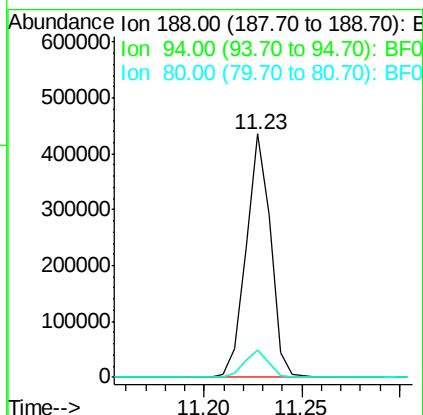
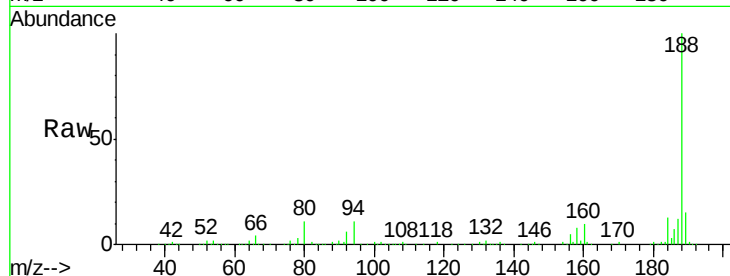




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096525.D
Acq: 6 Jul 2017 11:37

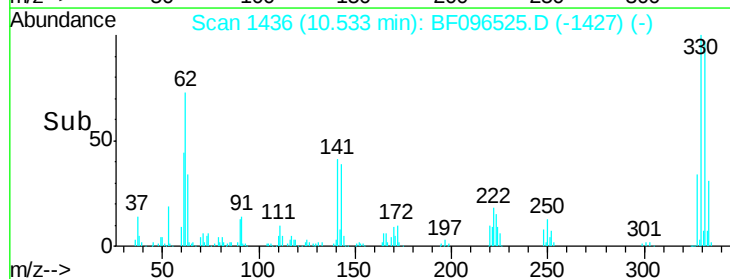
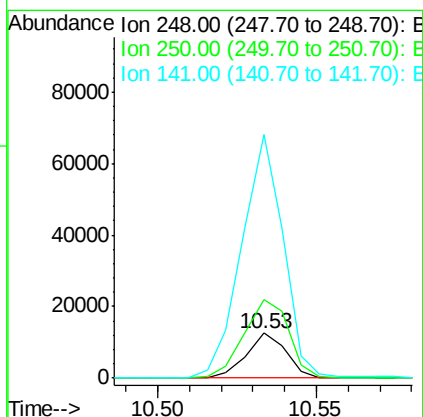
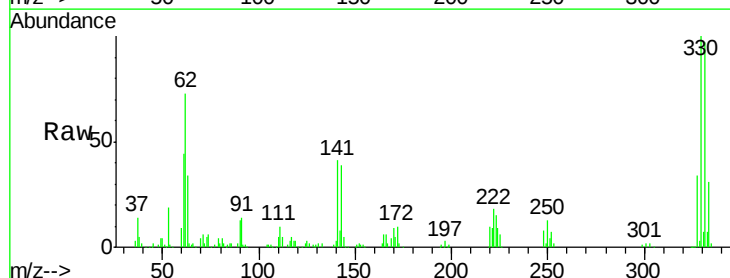
Instrument :
BNA_F
ClientSampleId :
PB100404BL

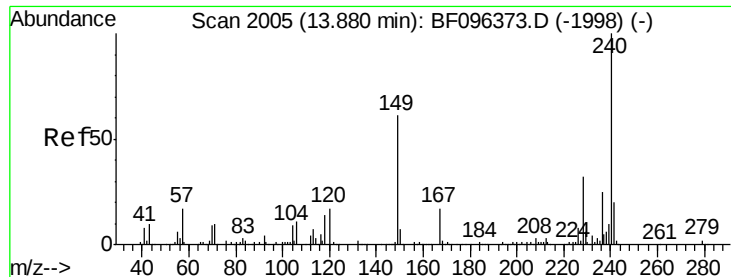
Tgt Ion:188 Resp: 377812
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 11.4 10.2 15.2



#66
4-Bromophenyl-phenylether
Concen: 2.940 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF096525.D
Acq: 6 Jul 2017 11:37

Tgt Ion:248 Resp: 10812
Ion Ratio Lower Upper
248 100
250 175.6 76.8 115.2#
141 545.5 68.6 103.0#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096525.D

Acq: 6 Jul 2017 11:37

Instrument :

BNA_F

ClientSampleId :

PB100404BL

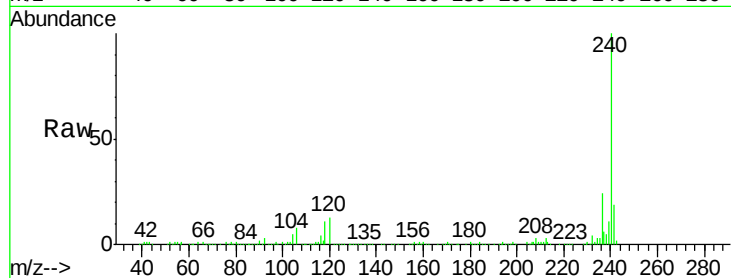
Tgt Ion:240 Resp: 324820

Ion Ratio Lower Upper

240 100

120 12.8 5.8 8.8#

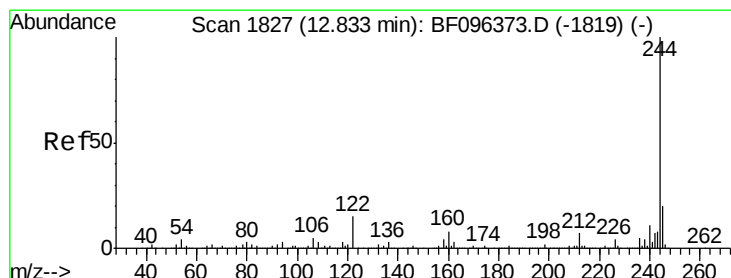
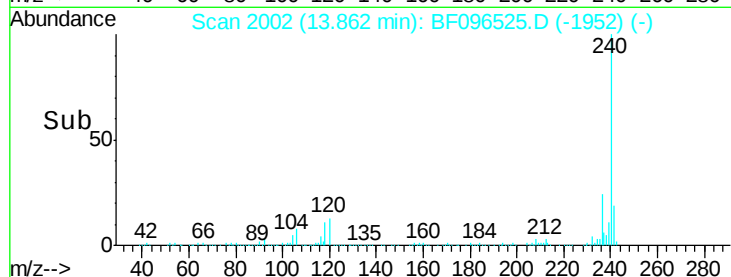
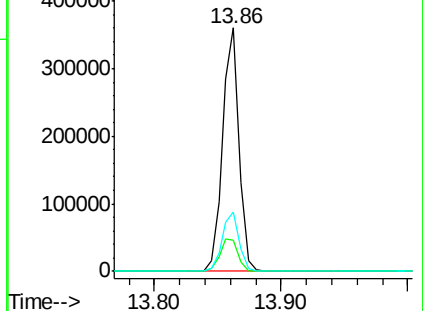
236 24.3 20.5 30.7



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: 59.084 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF096525.D

Acq: 6 Jul 2017 11:37

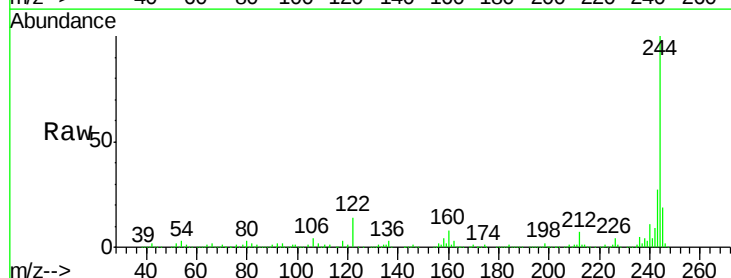
Tgt Ion:244 Resp: 898132

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

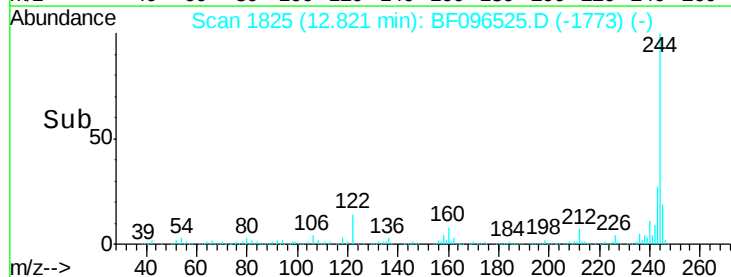
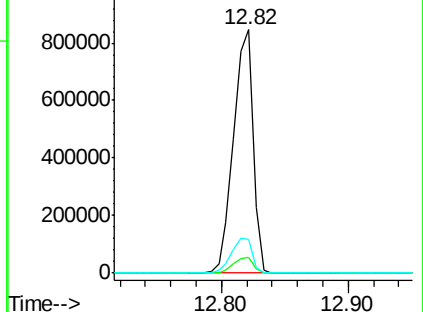
122 13.7 10.3 15.5

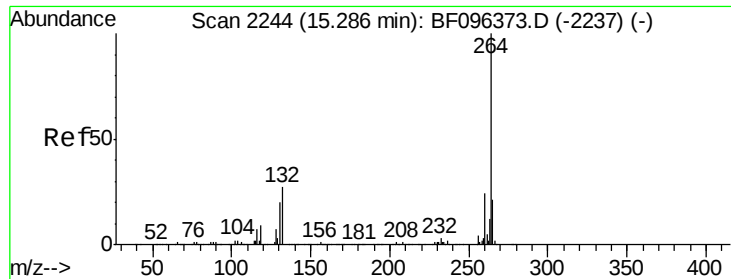


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF096525.D
Acq: 6 Jul 2017 11:37

Instrument :
BNA_F
ClientSampleId :
PB100404BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.4	17.2	25.8

