

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
 Data File : BF096552.D
 Acq On : 7 Jul 2017 12:03
 Operator : SJ/MA
 Sample : PB100467BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 12:55:55 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

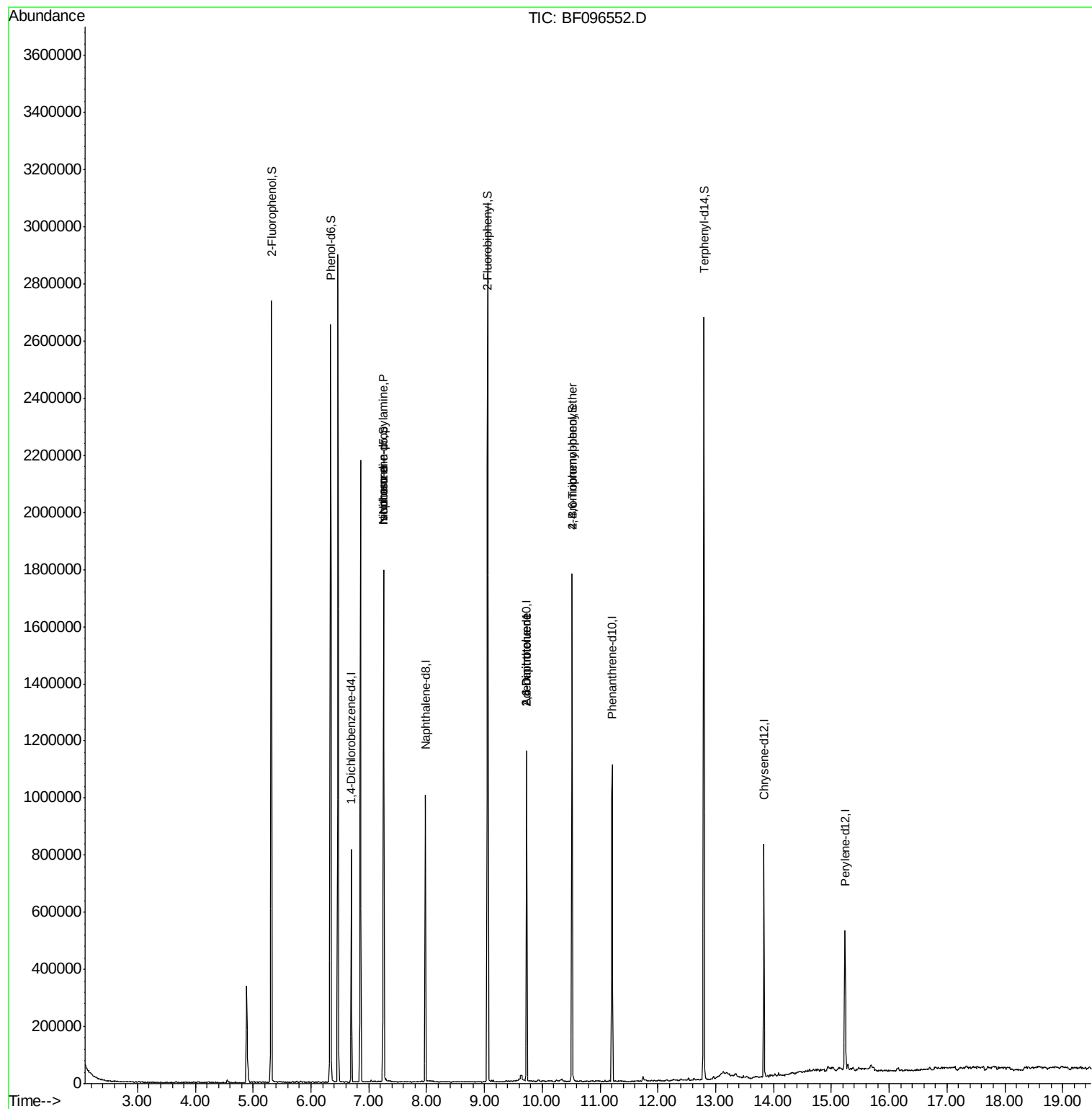
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	112670	20.00	ng	-0.02
21) Naphthalene-d8	7.98	136	474866	20.00	ng	-0.02
38) Acenaphthene-d10	9.73	164	223859	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	400986	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	270171	20.00	ng	-0.04
86) Perylene-d12	15.24	264	205711	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	814840	106.74	ng	0.00
7) Phenol-d6	6.34	99	994140	105.93	ng	-0.02
23) Nitrobenzene-d5	7.26	82	581471	73.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	202299	115.69	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1036095	79.13	ng	-0.02
78) Terphenyl-d14	12.80	244	897066	70.95	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	78166	13.98	ng	# 88
25) Isophorone	7.26	82	578171	37.73	ng	# 67
50) 2,6-Dinitrotoluene	9.73	165	28482	7.71	ng	# 34
56) 2,4-Dinitrotoluene	9.73	165	28482	6.09	ng	# 33
66) 4-Bromophenyl-phenylether	10.52	248	13463	3.45	ng	# 1

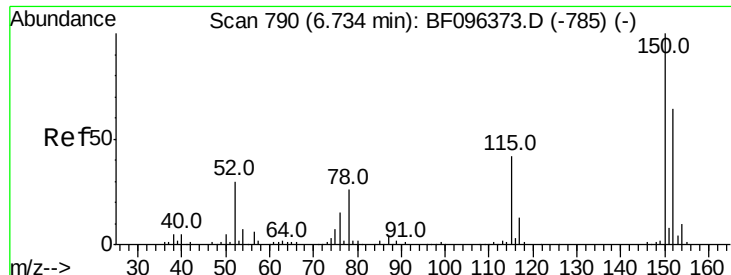
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
Data File : BF096552.D
Acq On : 7 Jul 2017 12:03
Operator : SJ/MA
Sample : PB100467BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 07 12:55:55 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.02 min

Lab File: BF096552.D

Acq: 7 Jul 2017 12:03

Instrument :

BNA_F

ClientSampled :

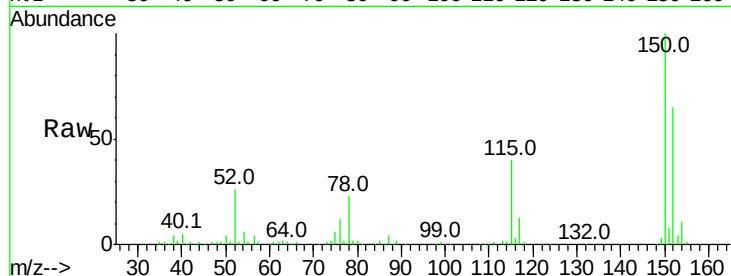
Tot Ion:152 Resp: 112670

Ion Ratio Lower Upper

152 100

150 154.6 126.2 189.2

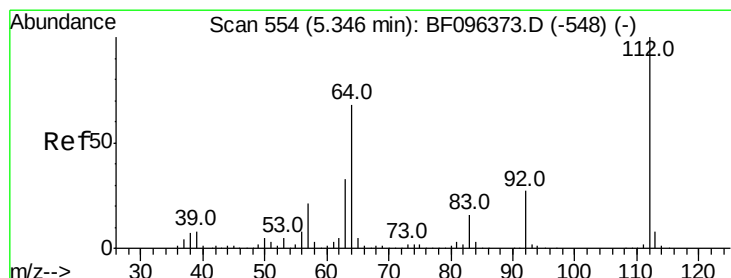
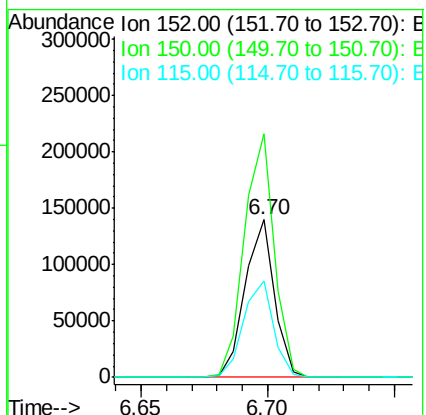
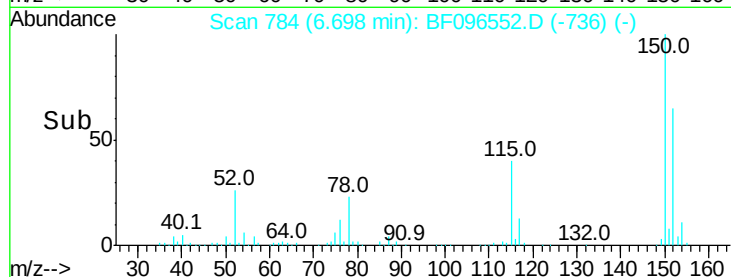
115 61.5 52.2 78.2



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: 106.74 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF096552.D

Acq: 7 Jul 2017 12:03

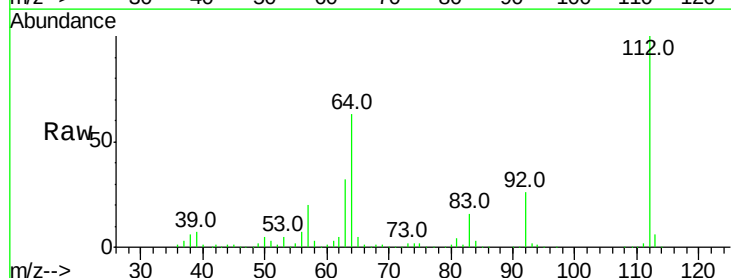
Tgt Ion:112 Resp: 814840

Ion Ratio Lower Upper

112 100

64 63.3 46.0 69.0

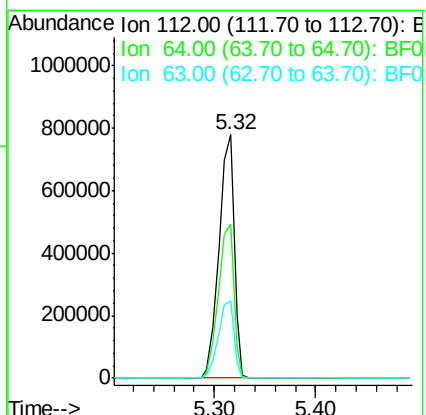
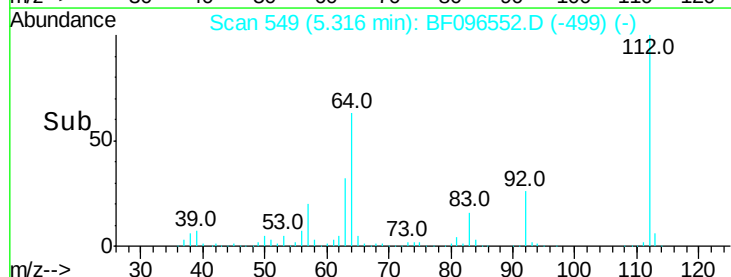
63 31.7 23.4 35.0

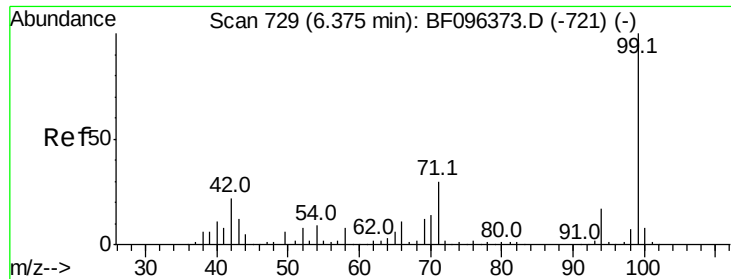


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.93 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF096552.D

Acq: 7 Jul 2017 12:03

Instrument :

BNA_F

ClientSampled :

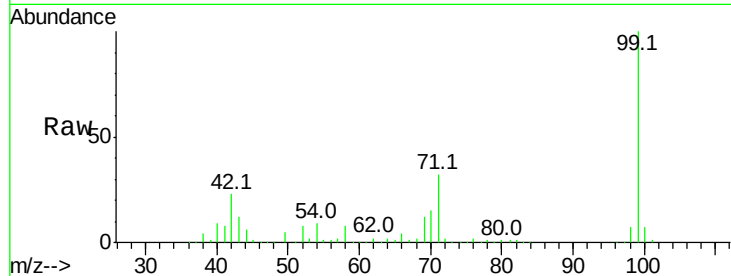
Tot Ion: 99 Resp: 994140

Ion Ratio Lower Upper

99 100

42 22.6 13.5 20.3#

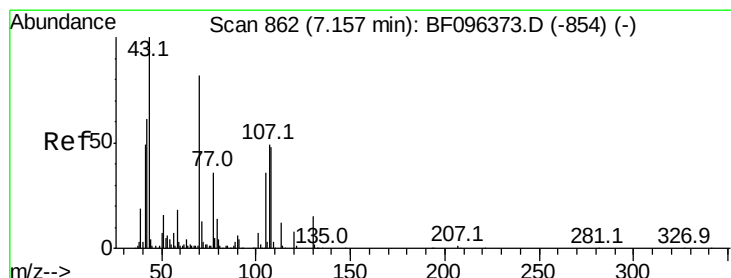
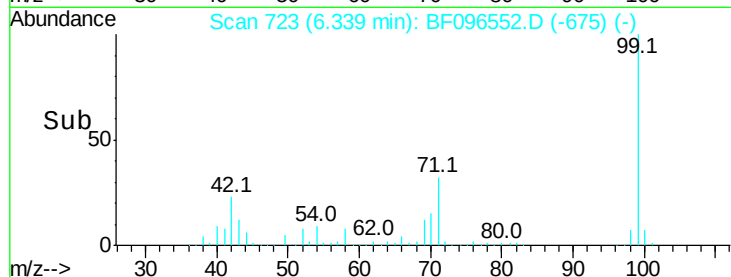
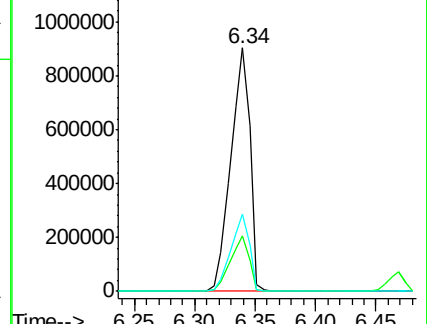
71 31.8 24.5 36.7



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: 13.98 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.12 min

Lab File: BF096552.D

Acq: 7 Jul 2017 12:03

Tgt Ion: 70 Resp: 78166

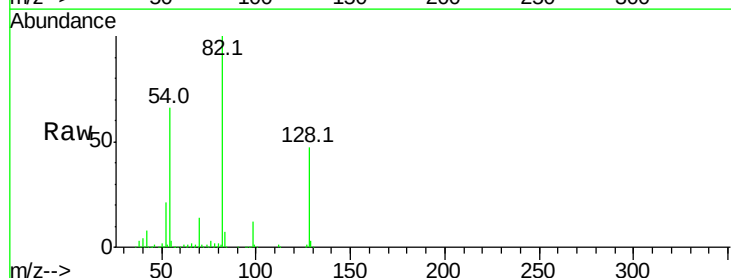
Ion Ratio Lower Upper

70 100

42 60.2 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

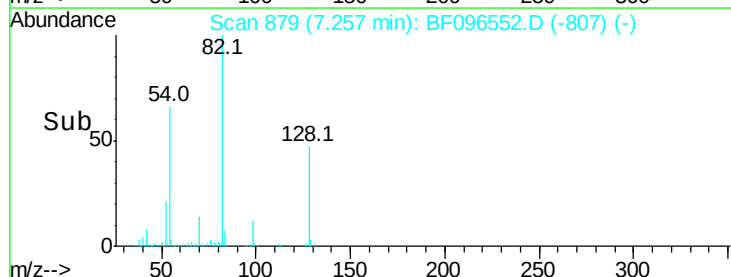
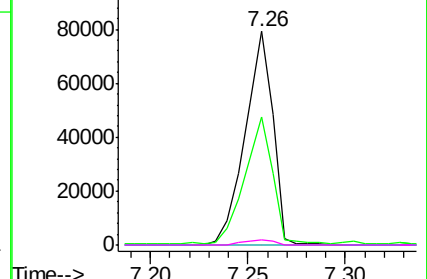


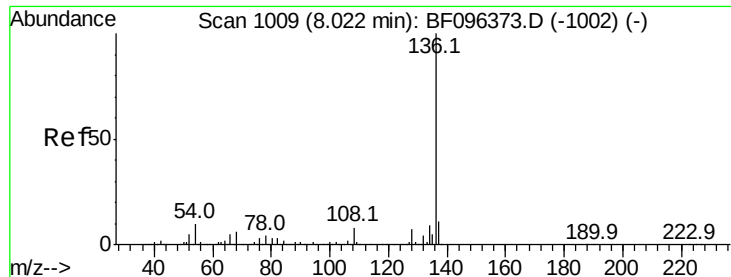
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

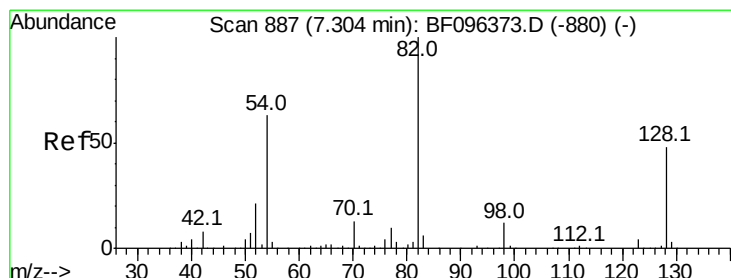
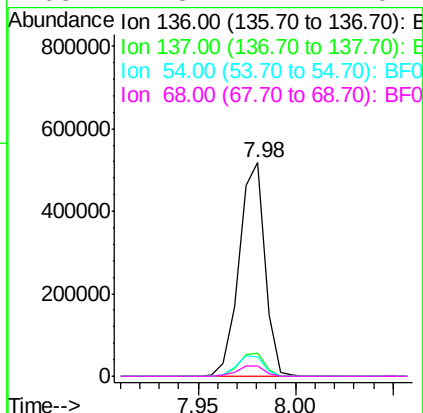
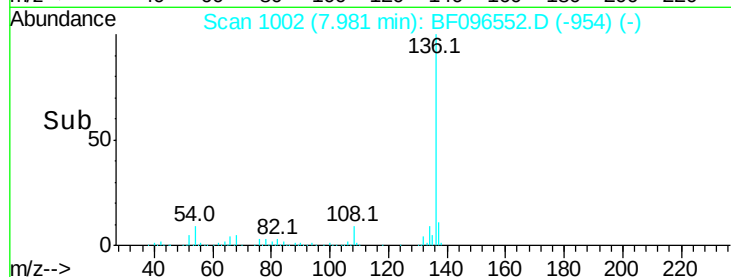
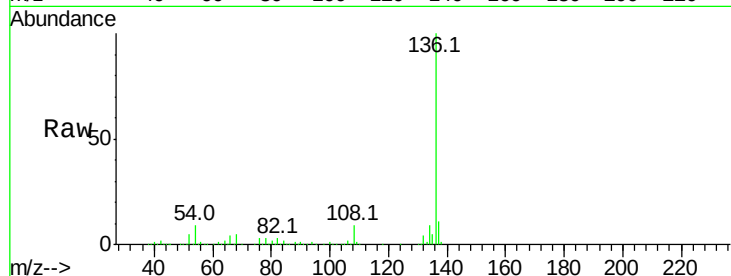




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF096552.D
Acq: 7 Jul 2017 12:03

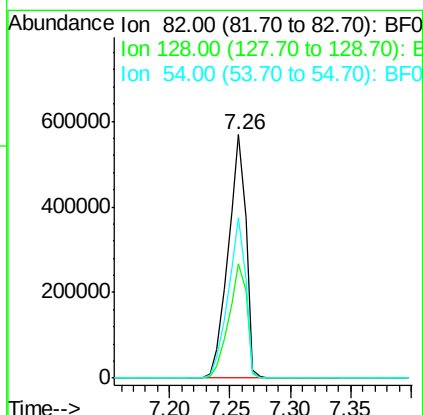
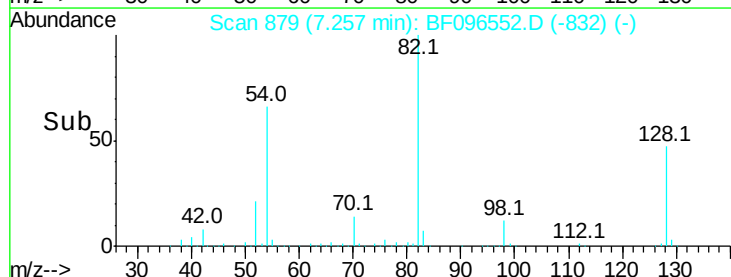
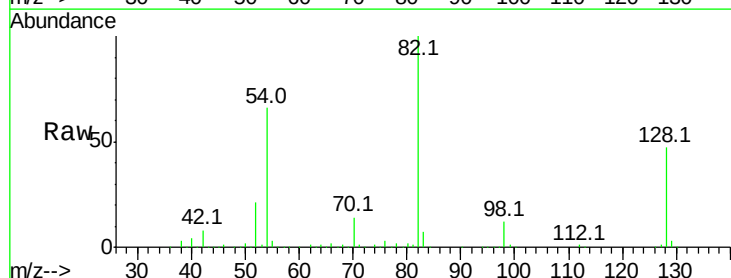
Instrument :
BNA_F
ClientSampleId :

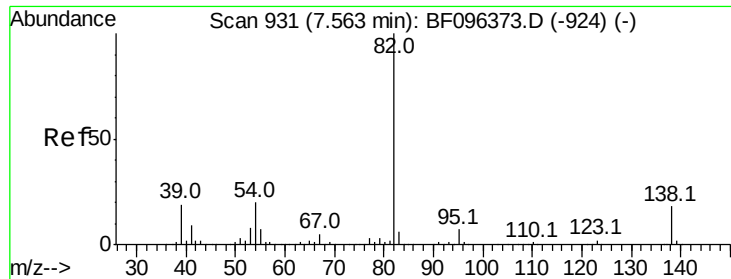
Tot Ion:	136	Resp:	474866
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.1	4.9	7.3#
68	4.8	4.1	6.1



#23
Nitrobenzene-d5
Concen: 73.58 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF096552.D
Acq: 7 Jul 2017 12:03

Tgt Ion:	82	Resp:	581471
Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.0	51.0
54	65.9	42.2	63.2#





#25

Isophorone

Concen: 37.73 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF096552.D

Acq: 7 Jul 2017 12:03

Instrument :

BNA_F

ClientSampled :

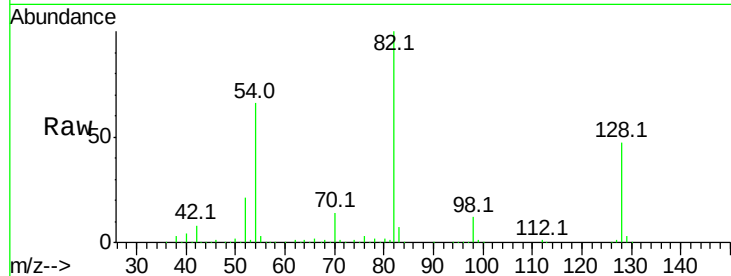
Tot Ion: 82 Resp: 578171

Ion Ratio Lower Upper

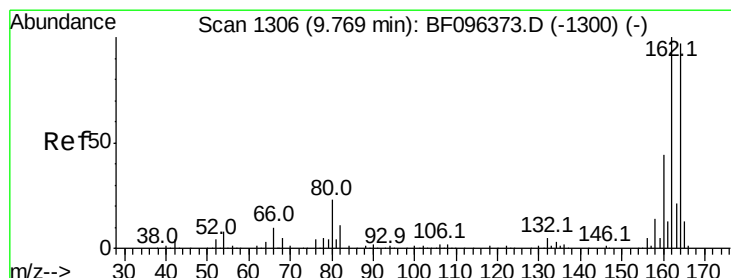
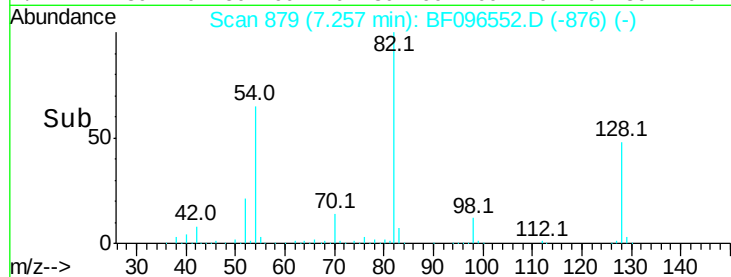
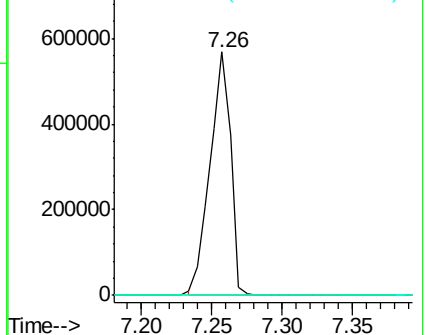
82 100

95 0.1 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: 9.73 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF096552.D

Acq: 7 Jul 2017 12:03

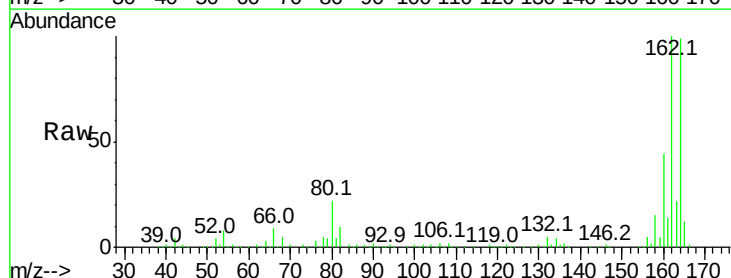
Tgt Ion:164 Resp: 223859

Ion Ratio Lower Upper

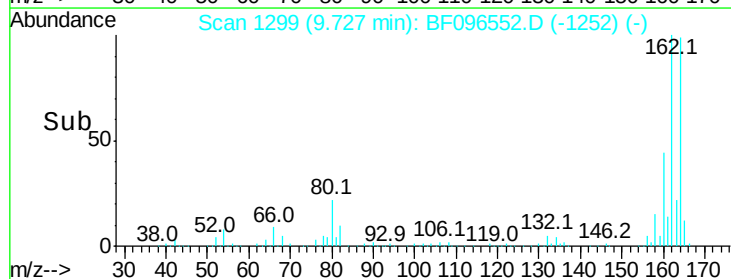
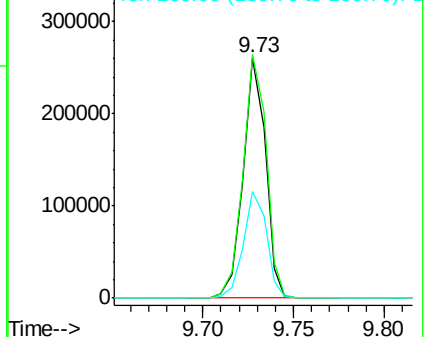
164 100

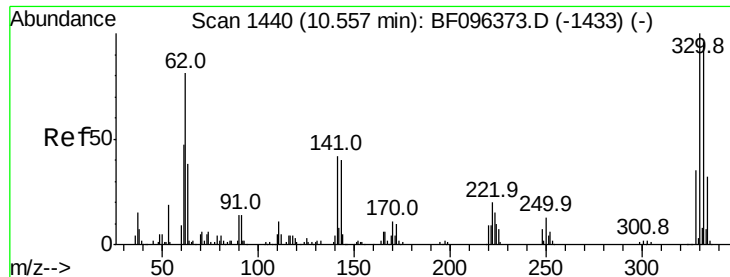
162 101.4 82.6 123.8

160 44.3 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

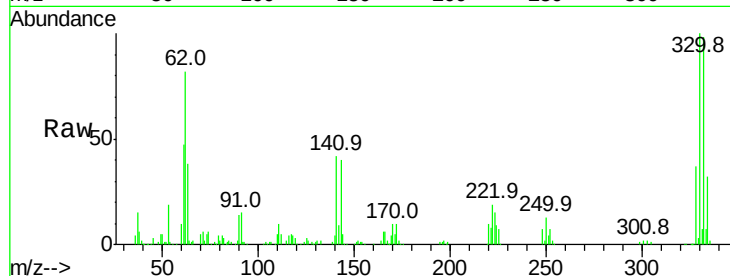




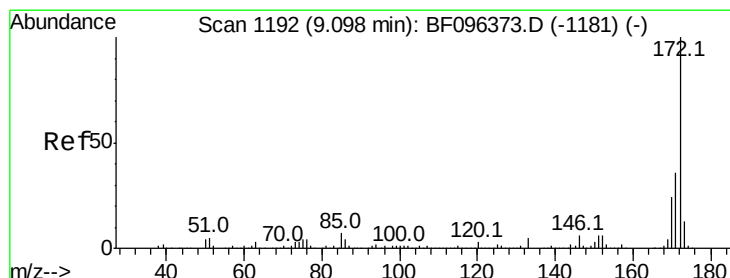
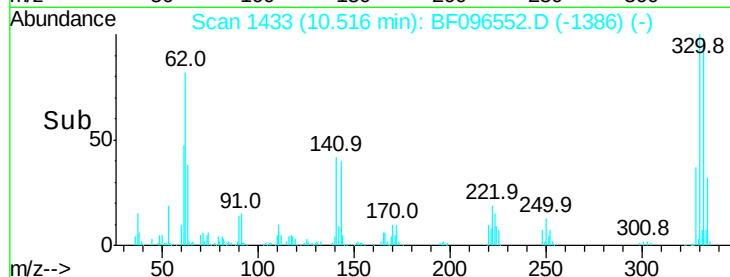
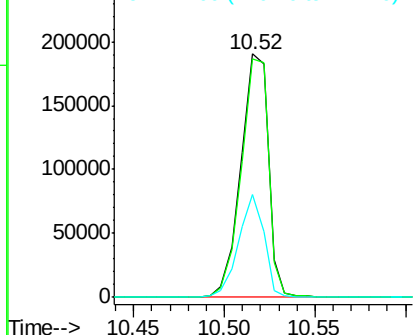
#41
 2,4,6-Tribromophenol
 Concen: 115.69 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF096552.D
 Acq: 7 Jul 2017 12:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 202299
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 39.0 31.4 47.2

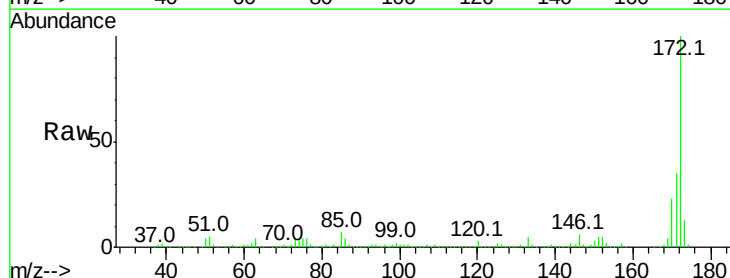


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

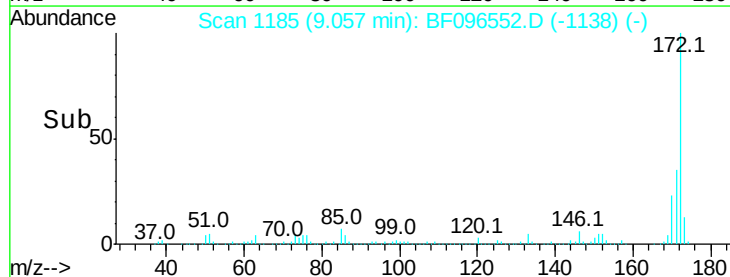
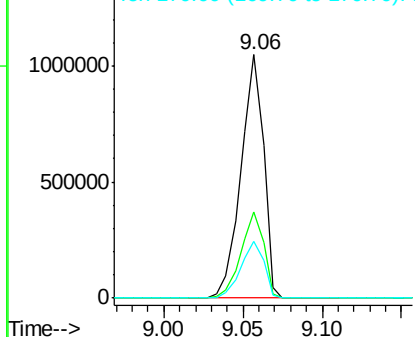


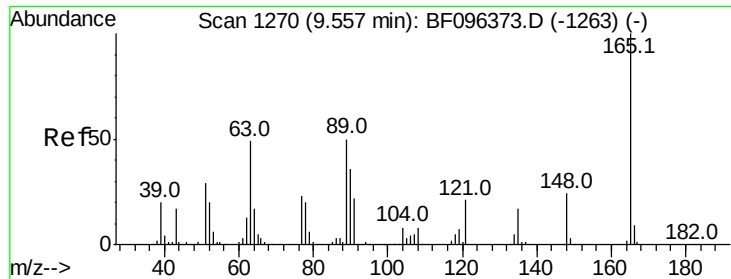
#44
 2-Fluorobiphenyl
 Concen: 79.13 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF096552.D
 Acq: 7 Jul 2017 12:03

Tgt Ion:172 Resp: 1036095
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.3 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

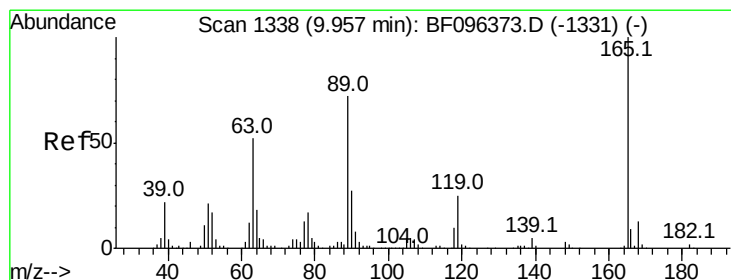
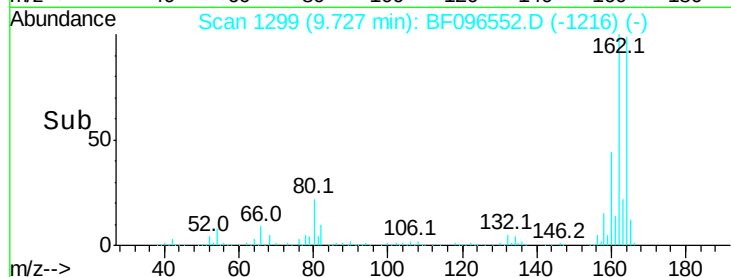
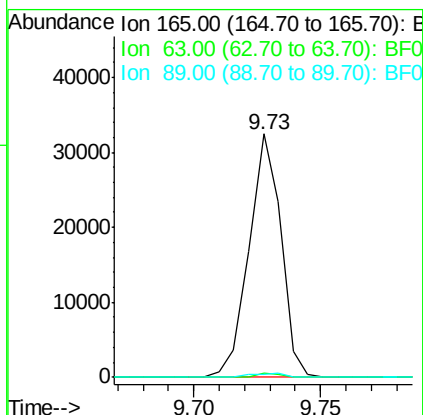
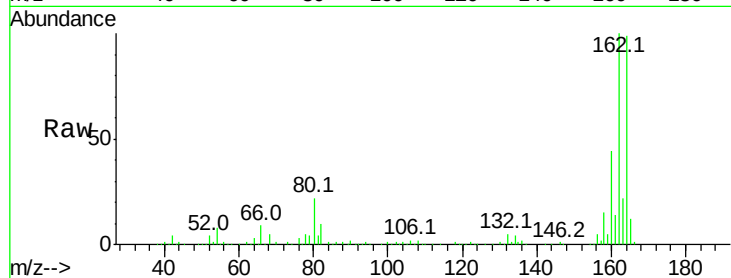




#50
2,6-Dinitrotoluene
Concen: 7.71 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.19 min
Lab File: BF096552.D
Acq: 7 Jul 2017 12:03

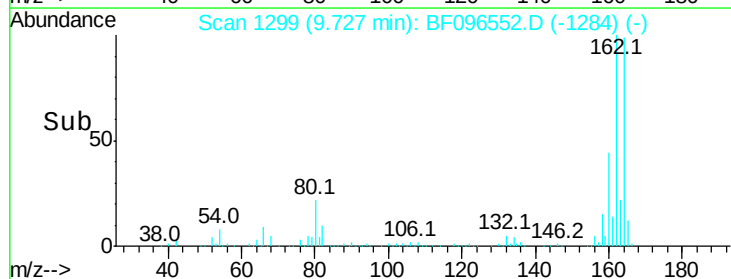
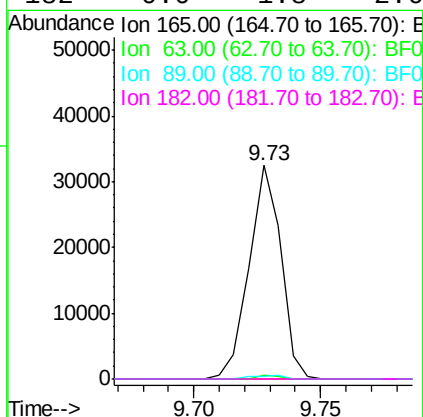
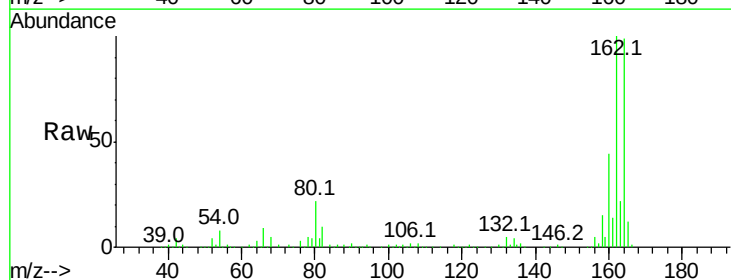
Instrument :
BNA_F
ClientSampleId :

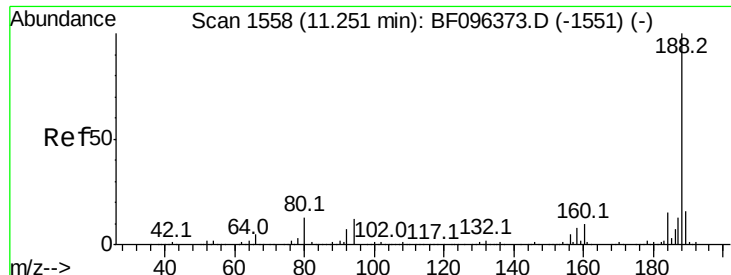
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.3	51.5#
89	1.4	37.1	55.7#



#56
2,4-Dinitrotoluene
Concen: 6.09 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF096552.D
Acq: 7 Jul 2017 12:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.02 min

Lab File: BF096552.D

Acq: 7 Jul 2017 12:03

Instrument :

BNA_F

ClientSampled :

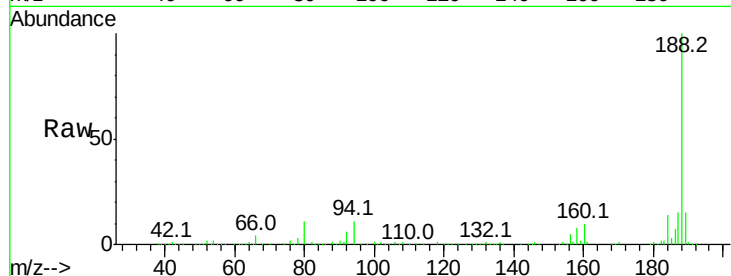
Tot Ion:188 Resp: 400986

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	10.7	10.2	15.2

188 100

94 11.1 9.4 14.2

80 10.7 10.2 15.2



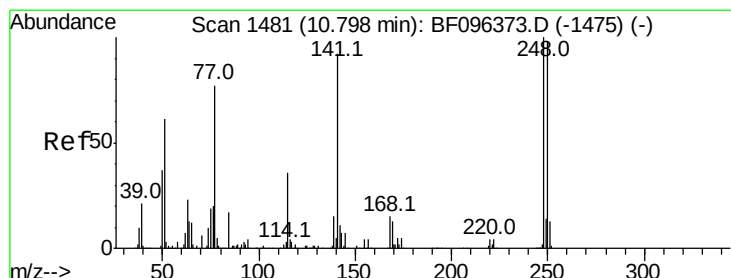
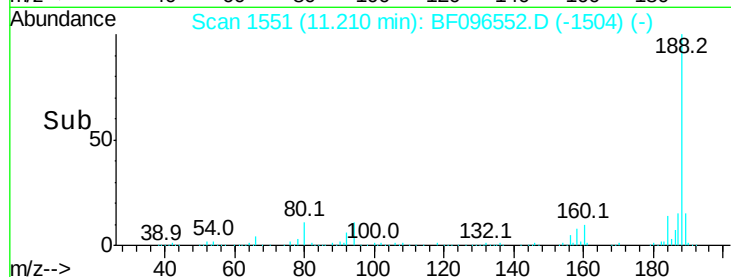
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.21

Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.45 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.26 min

Lab File: BF096552.D

Acq: 7 Jul 2017 12:03

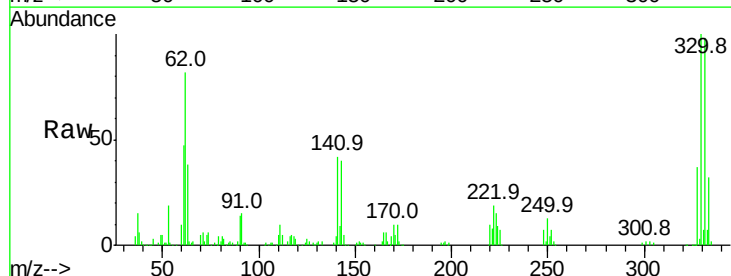
Tgt Ion:248 Resp: 13463

Ion	Ratio	Lower	Upper
248	100		
250	192.5	76.8	115.2#
141	616.3	68.6	103.0#

248 100

250 192.5 76.8 115.2#

141 616.3 68.6 103.0#



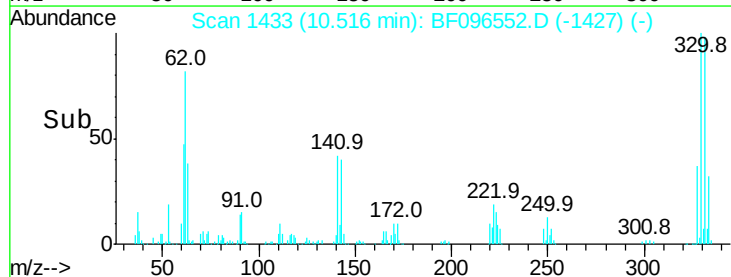
Abundance Ion 248.00 (247.70 to 248.70): E

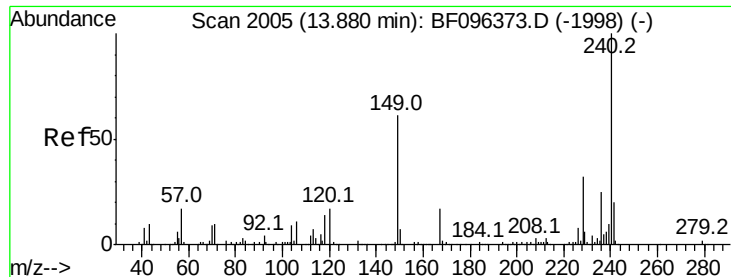
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

10.52

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.04 min

Lab File: BF096552.D

Acq: 7 Jul 2017 12:03

Instrument :

BNA_F

ClientSampleId :

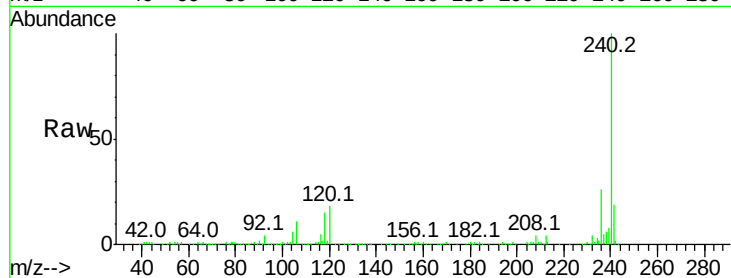
Tot Ion:240 Resp: 270171

Ion Ratio Lower Upper

240 100

120 18.0 5.8 8.8#

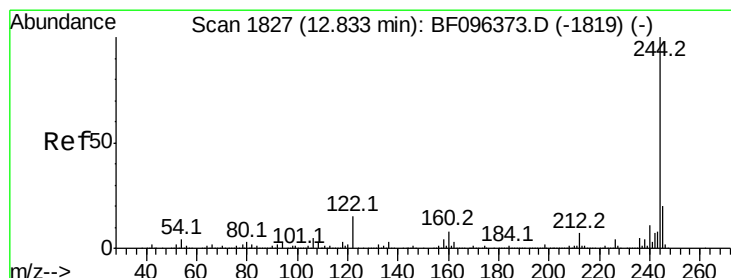
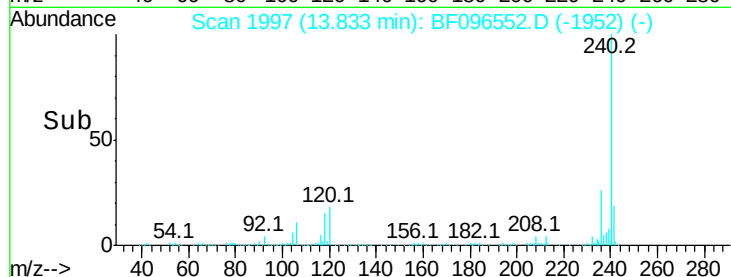
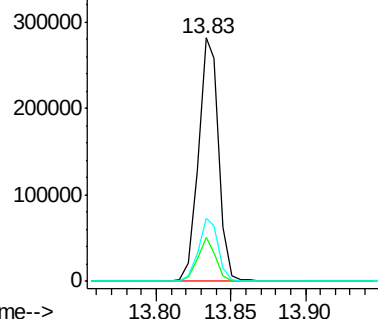
236 26.0 20.5 30.7



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: 70.95 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.02 min

Lab File: BF096552.D

Acq: 7 Jul 2017 12:03

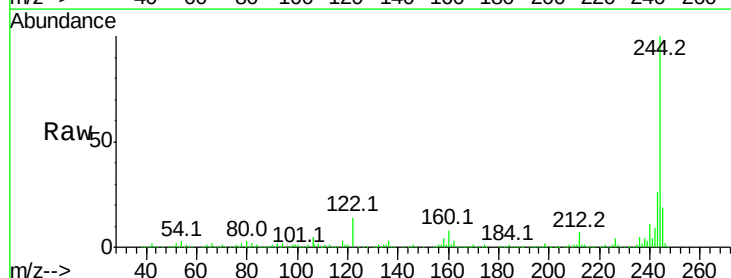
Tgt Ion:244 Resp: 897066

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

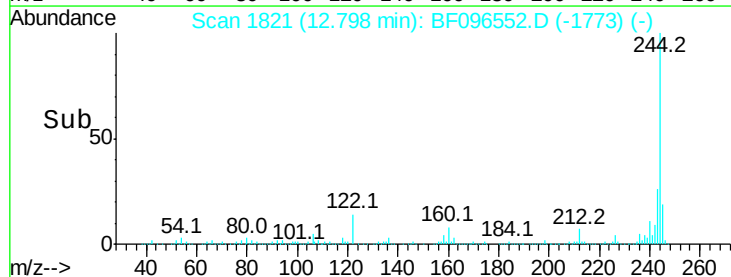
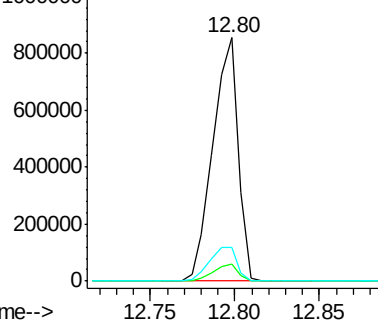
122 13.7 10.3 15.5

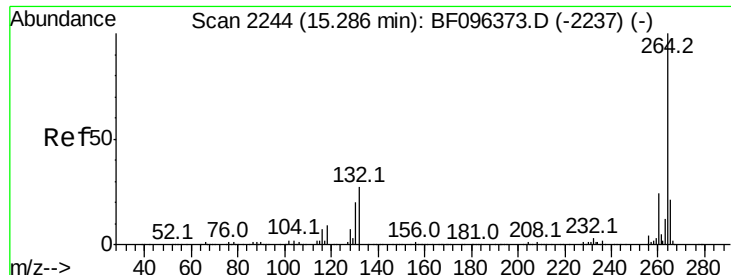


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

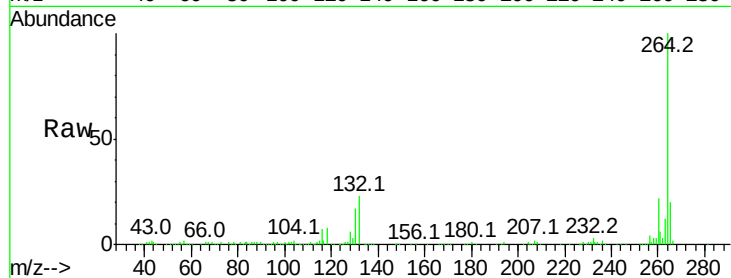




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.04 min
 Lab File: BF096552.D
 Acq: 7 Jul 2017 12:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 205711
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.5 29.3
 265 20.2 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

