

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070117\
 Data File : BF096392.D
 Acq On : 1 Jul 2017 21:28
 Operator : SJ/MA
 Sample : I3980-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 01:51:15 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

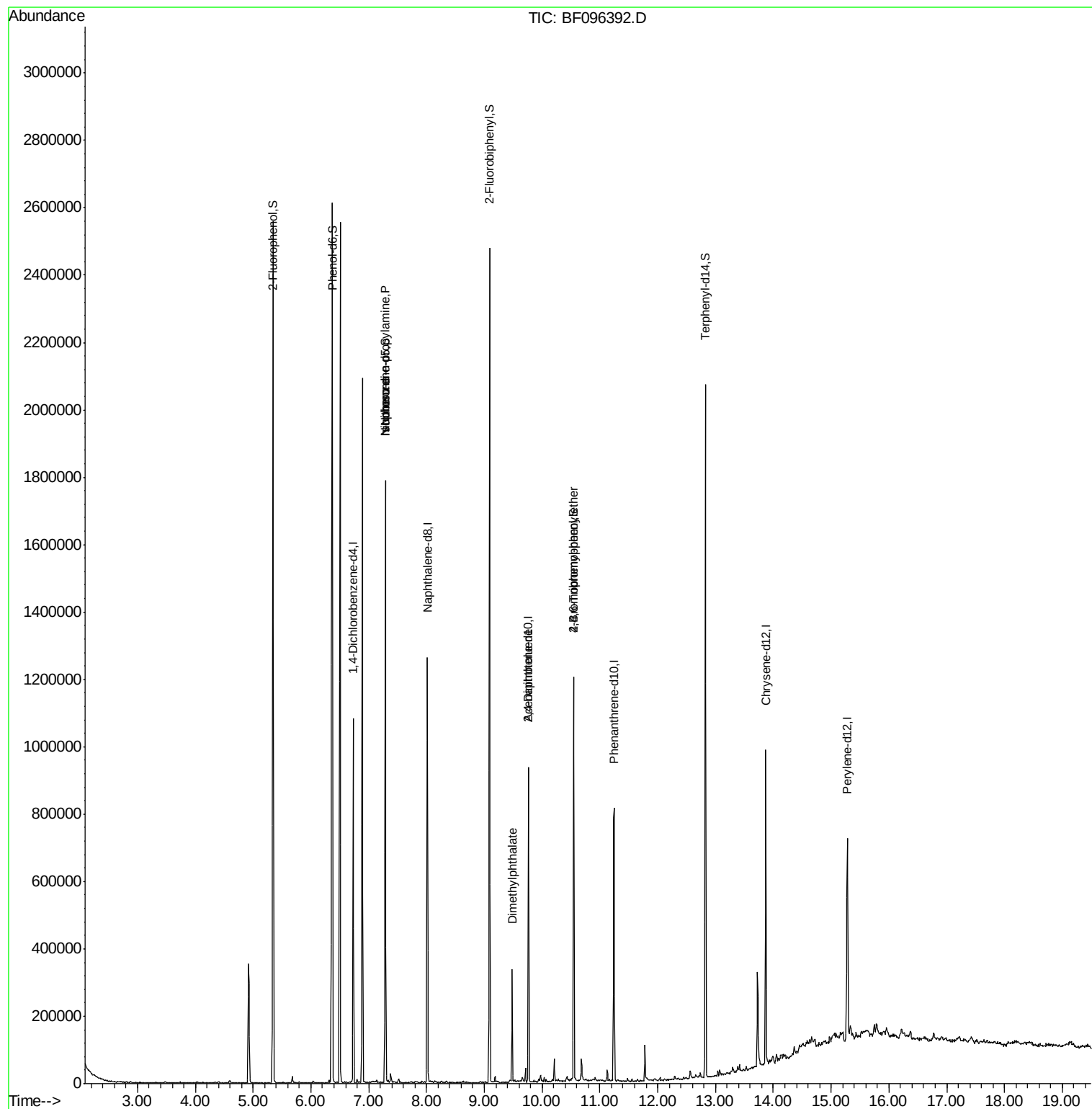
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	141116	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	539333	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	174373	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	293240	20.00	ng	0.00
75) Chrysene-d12	13.87	240	308482	20.00	ng	-0.01
86) Perylene-d12	15.28	264	233505	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	688470	72.01	ng	0.00
7) Phenol-d6	6.37	99	884551	75.26	ng	0.00
23) Nitrobenzene-d5	7.29	82	519738	57.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	119816	87.97	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	787610	77.23	ng	0.00
78) Terphenyl-d14	12.83	244	598019	41.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	67300	9.61	ng	# 89
25) Isophorone	7.29	82	517727	29.75	ng	# 67
49) Dimethylphthalate	9.48	163	118874	9.13	ng	98
56) 2,4-Dinitrotoluene	9.76	165	22347	6.13	ng	# 32
66) 4-Bromophenyl-phenylether	10.54	248	8070	2.83	ng	# 1

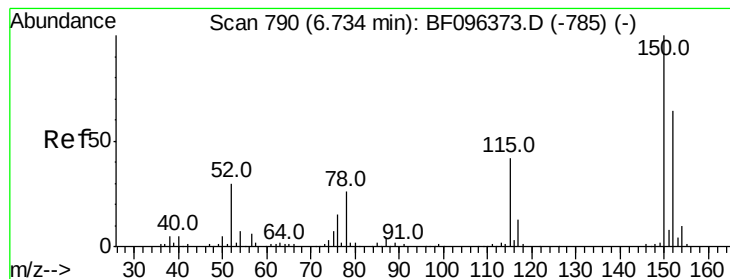
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070117\
Data File : BF096392.D
Acq On : 1 Jul 2017 21:28
Operator : SJ/MA
Sample : I3980-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 03 01:51:15 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



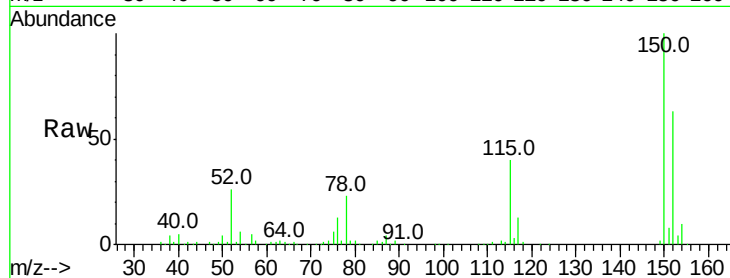


#1

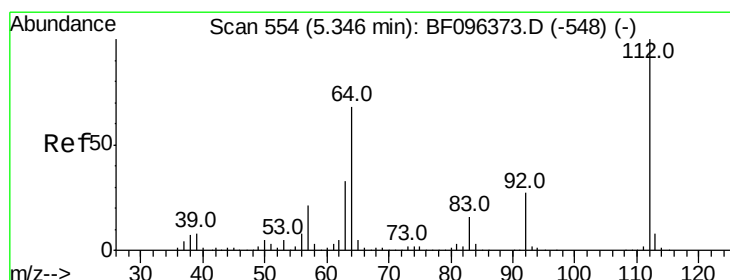
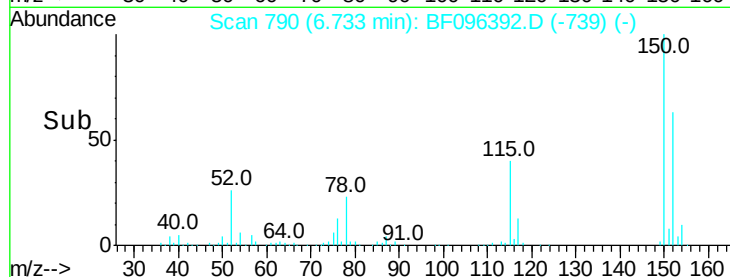
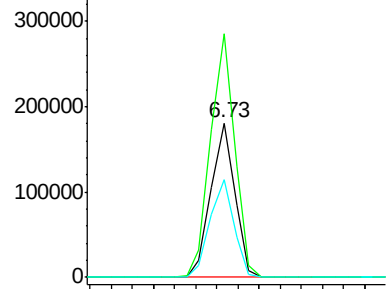
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096392.D
Acq: 1 Jul 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141116
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 63.6 52.2 78.2



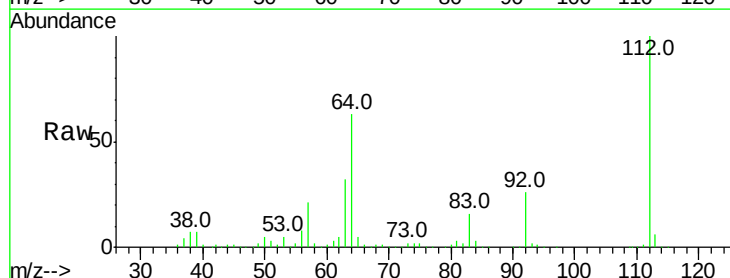
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



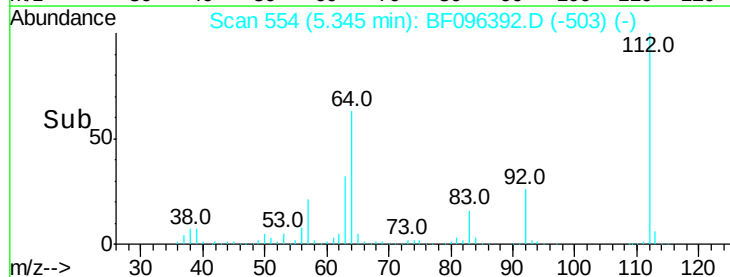
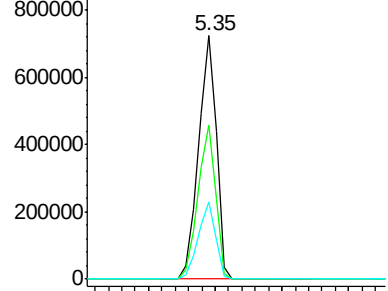
#5

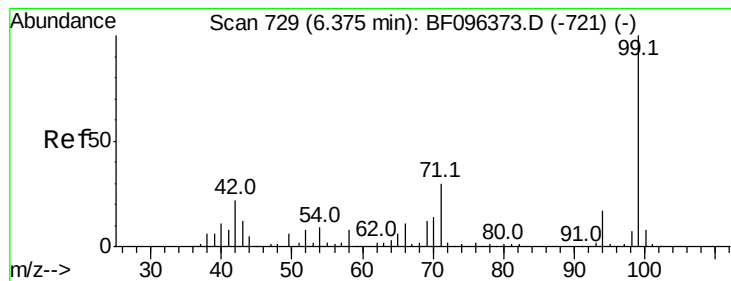
2-Fluorophenol
Concen: 72.01 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF096392.D
Acq: 1 Jul 2017 21:28

Tgt Ion:112 Resp: 688470
Ion Ratio Lower Upper
112 100
64 63.2 46.0 69.0
63 31.9 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: 75.26 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096392.D

Acq: 1 Jul 2017 21:28

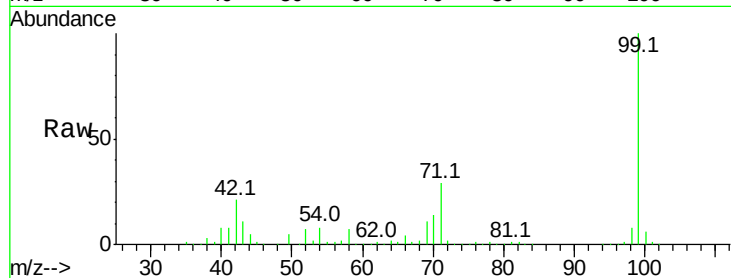
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 884551

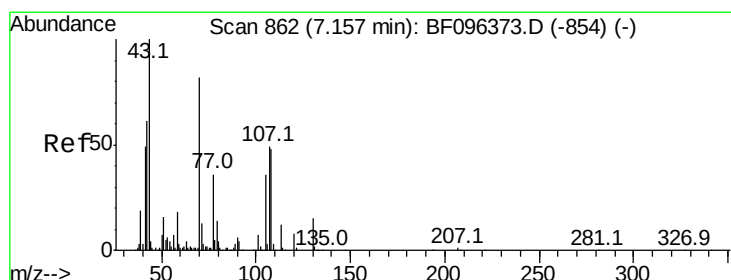
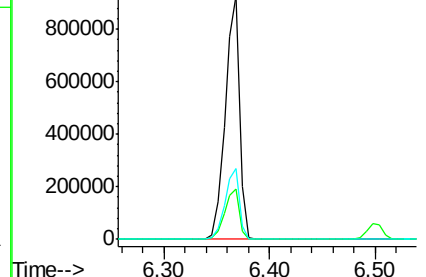
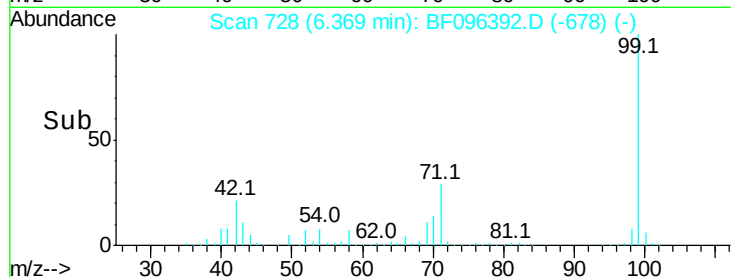
Ion	Ratio	Lower	Upper
99	100		
42	20.7	13.5	20.3#
71	29.1	24.5	36.7



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: 9.61 ng

RT: 7.29 min Scan# 885

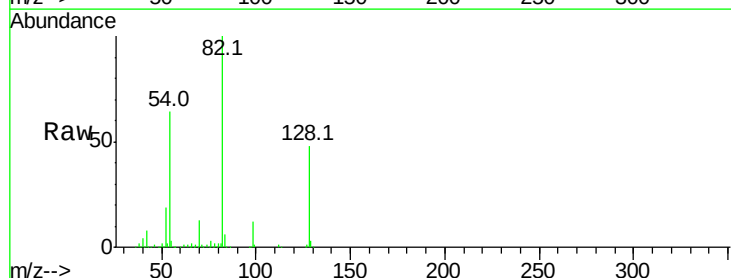
Delta R.T. 0.14 min

Lab File: BF096392.D

Acq: 1 Jul 2017 21:28

Tgt Ion: 70 Resp: 67300

Ion	Ratio	Lower	Upper
70	100		
42	59.3	47.2	70.8
101	0.0	7.2	10.8#
130	2.7	15.9	23.9#

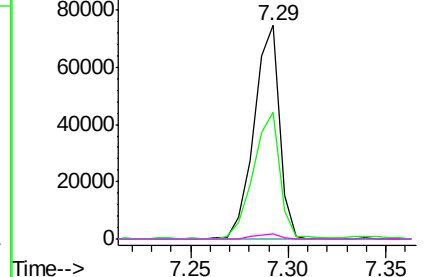
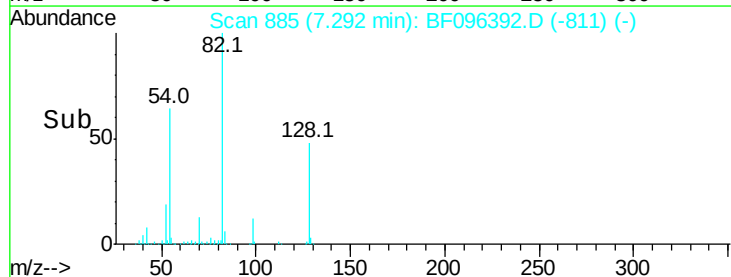


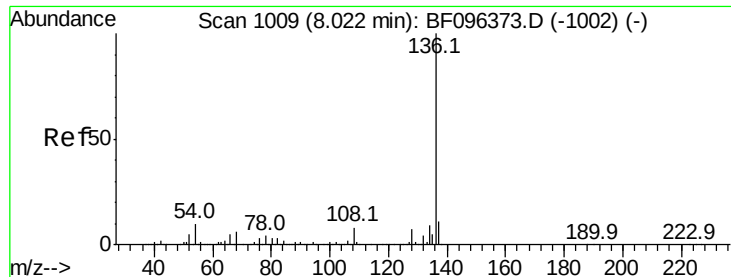
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

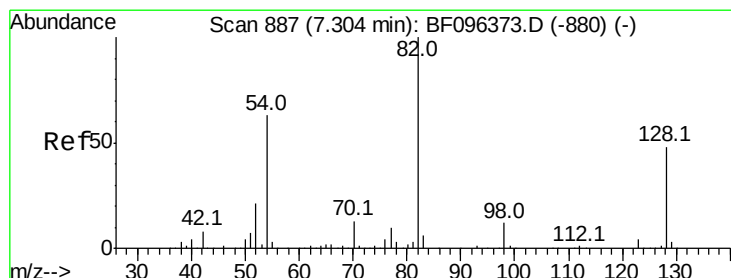
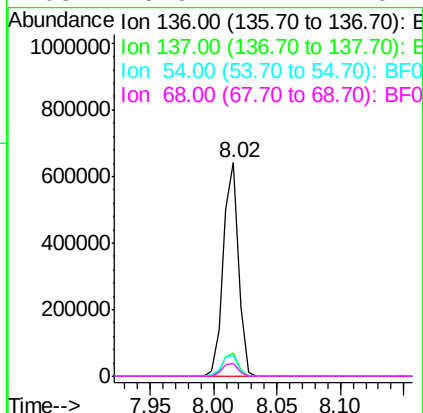
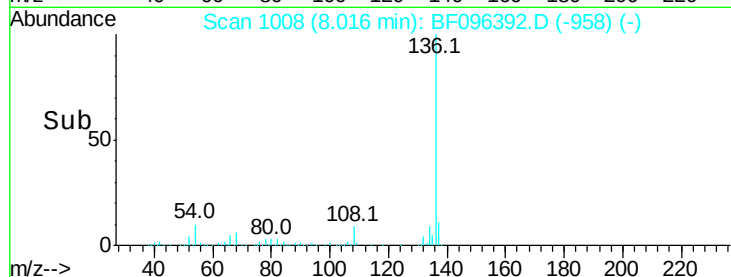
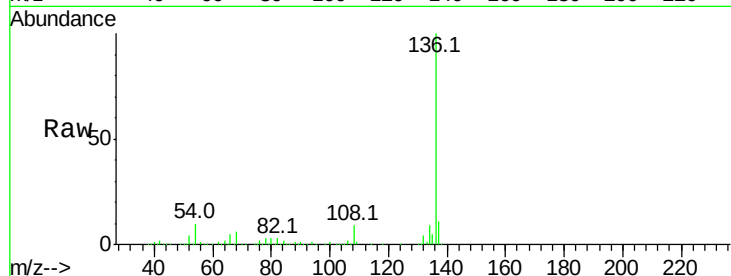




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF096392.D
Acq: 1 Jul 2017 21:28

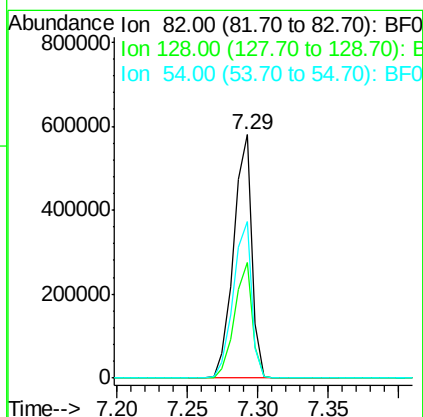
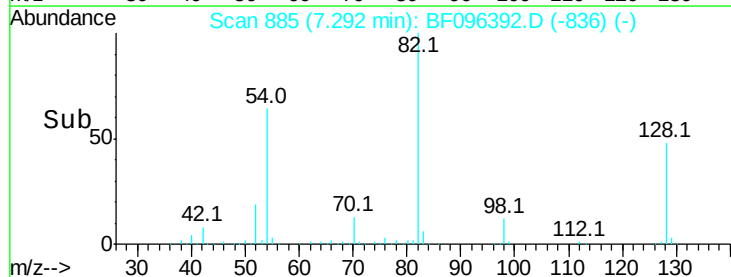
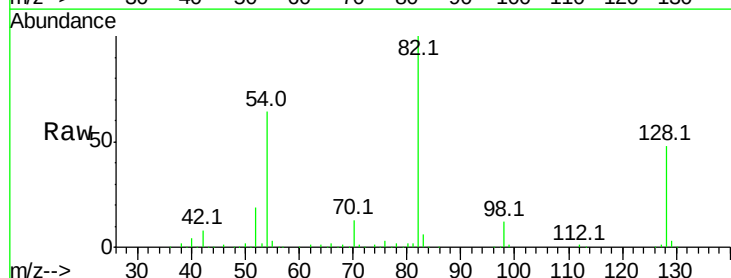
Instrument :
BNA_F
ClientSampleId :

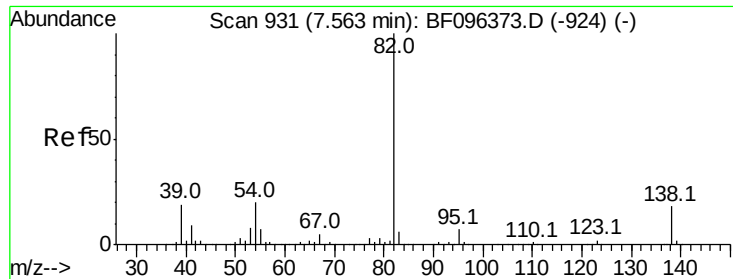
Tot Ion:	136	Resp:	539333
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	9.5	4.9	7.3#
68	5.9	4.1	6.1



#23
Nitrobenzene-d5
Concen: 57.91 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF096392.D
Acq: 1 Jul 2017 21:28

Tgt Ion:	82	Resp:	519738
Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.0	51.0
54	64.4	42.2	63.2#

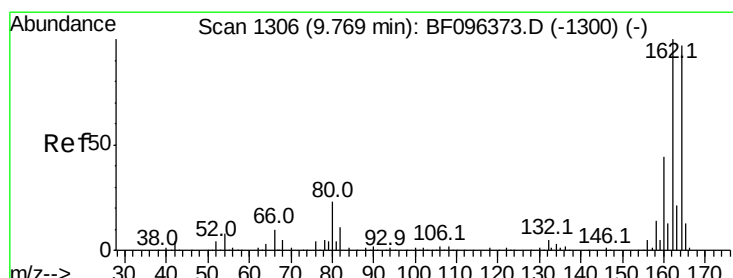
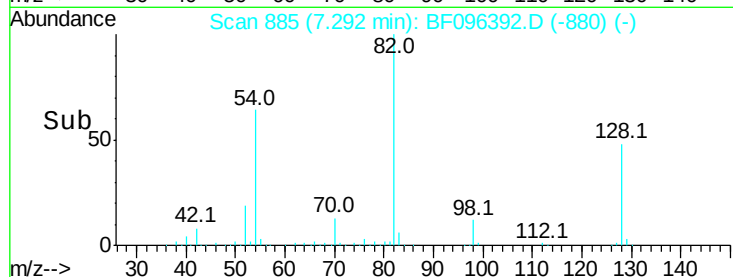
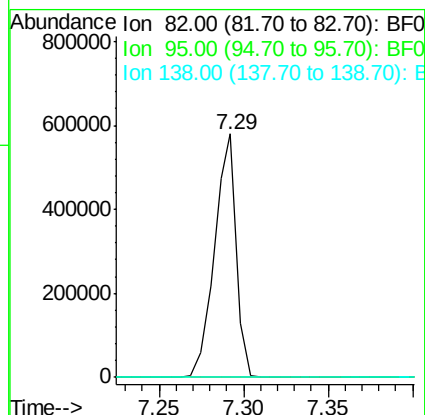
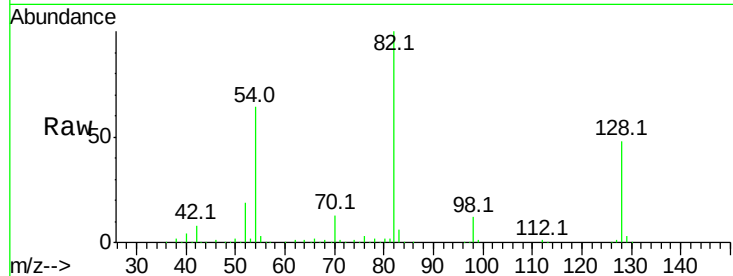




#25
Isophorone
Concen: 29.75 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF096392.D
Acq: 1 Jul 2017 21:28

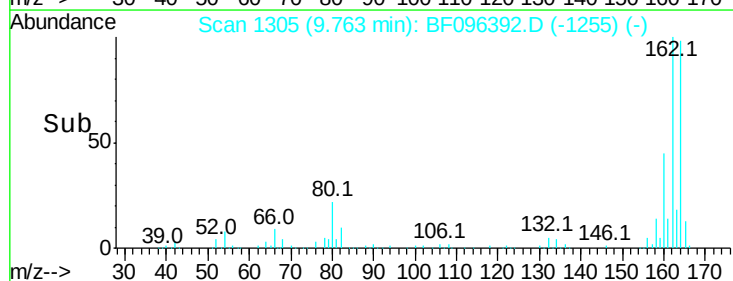
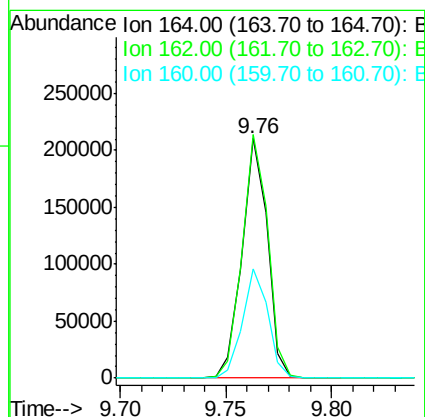
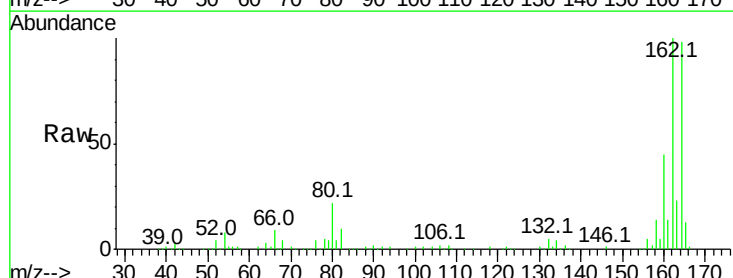
Instrument :
BNA_F
ClientSampleId :

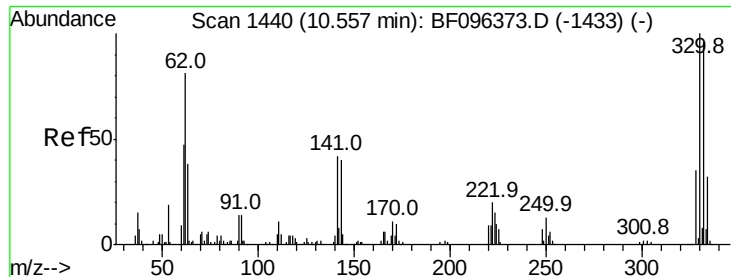
Tot Ion: 82 Resp: 517727
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF096392.D
Acq: 1 Jul 2017 21:28

Tgt Ion:164 Resp: 174373
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 45.5 36.2 54.2

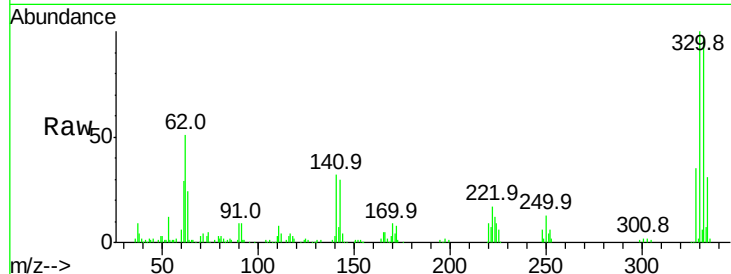




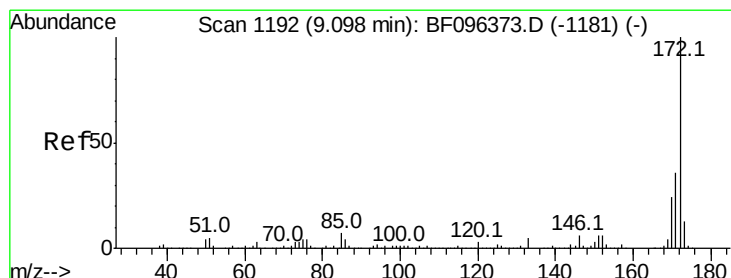
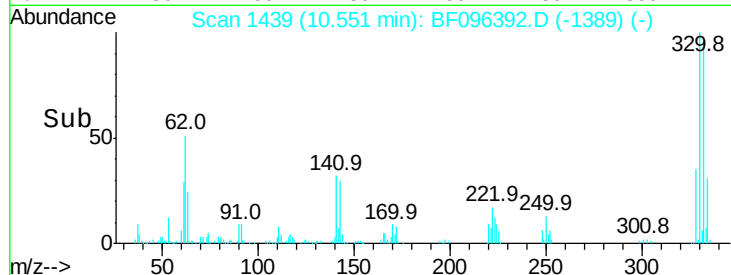
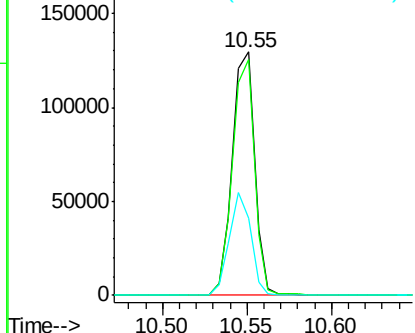
#41
 2,4,6-Tribromophenol
 Concen: 87.97 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096392.D
 Acq: 1 Jul 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	41.1	31.4	47.2

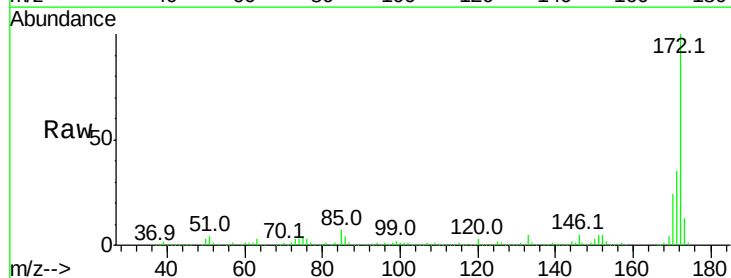


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

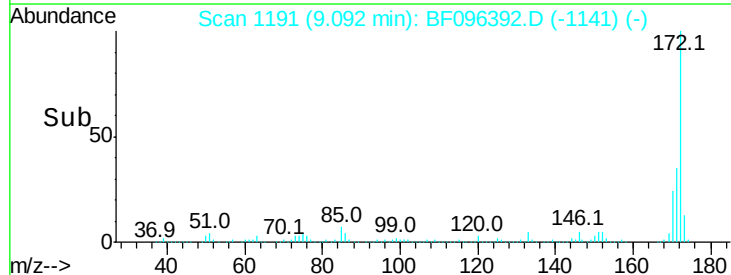
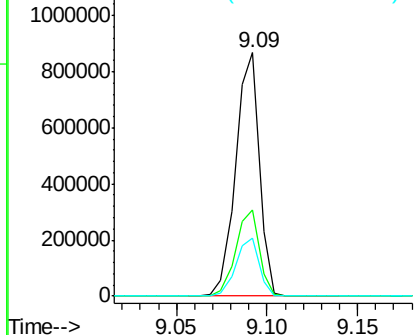


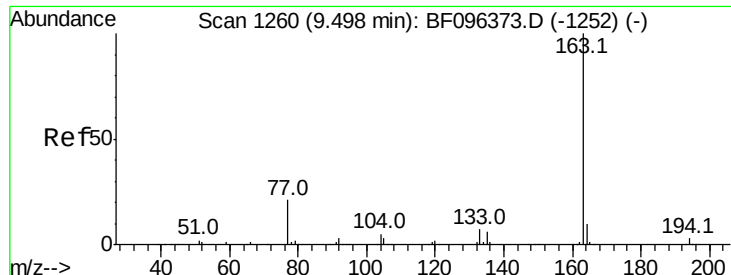
#44
 2-Fluorobiphenyl
 Concen: 77.23 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096392.D
 Acq: 1 Jul 2017 21:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.7	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: 9.13 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF096392.D

Acq: 1 Jul 2017 21:28

Instrument :

BNA_F

ClientSampleId :

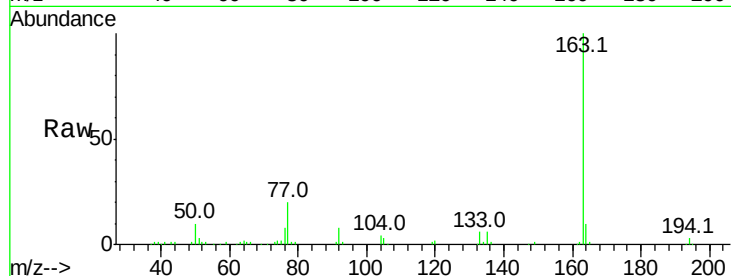
Tot Ion:163 Resp: 118874

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

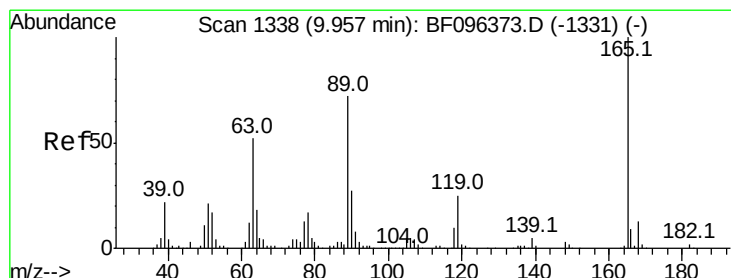
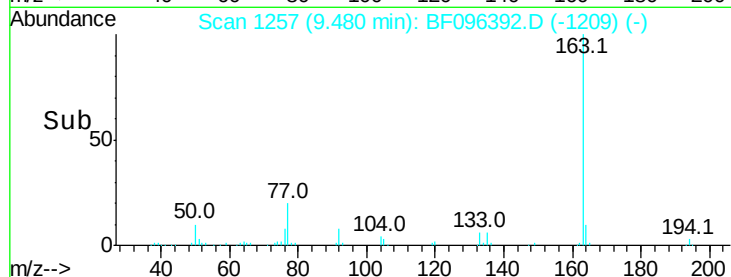
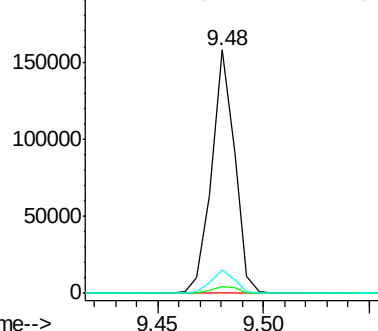
164 9.8 8.4 12.6



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



#56

2,4-Dinitrotoluene

Concen: 6.13 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.19 min

Lab File: BF096392.D

Acq: 1 Jul 2017 21:28

Tgt Ion:165 Resp: 22347

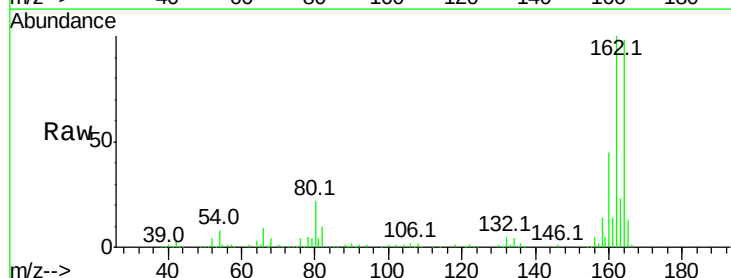
Ion Ratio Lower Upper

165 100

63 0.0 25.4 38.0#

89 1.6 46.4 69.6#

182 0.0 1.8 2.6#

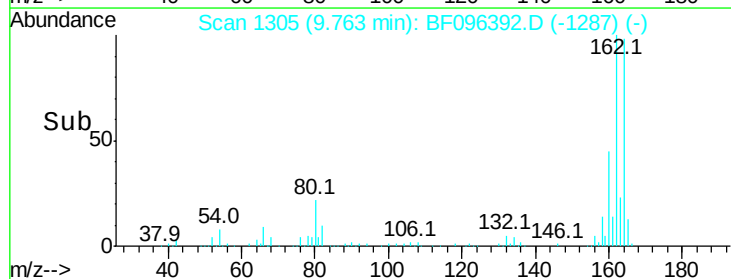
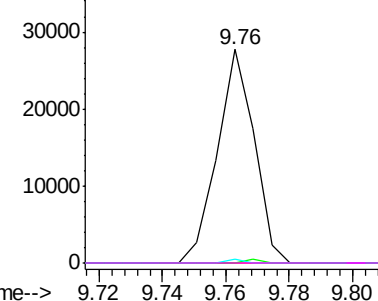


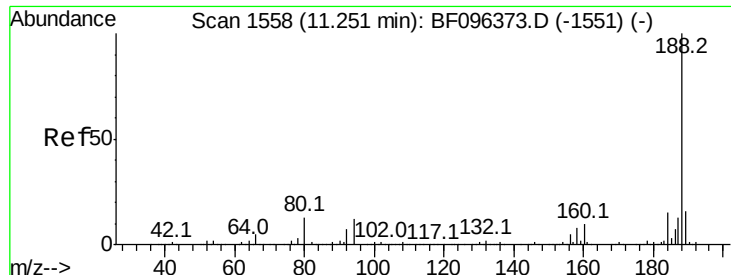
Abundance Ion 165.00 (164.70 to 165.70): E

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

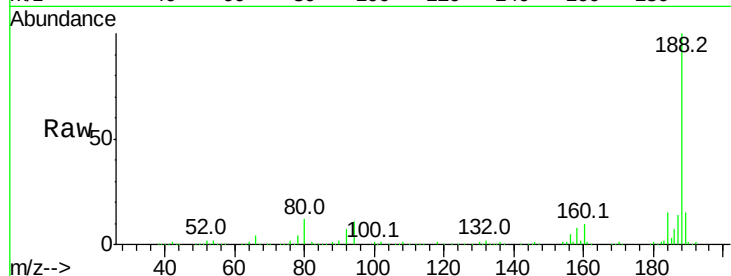




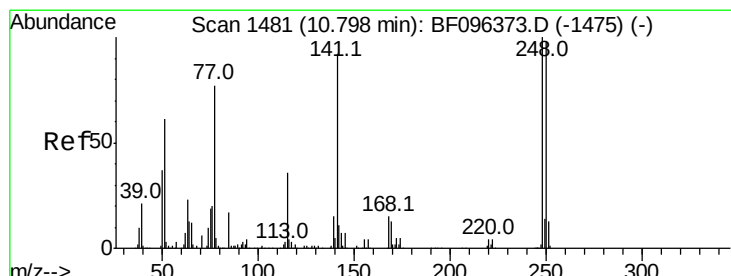
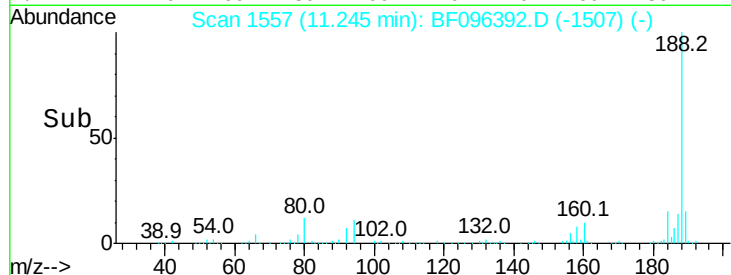
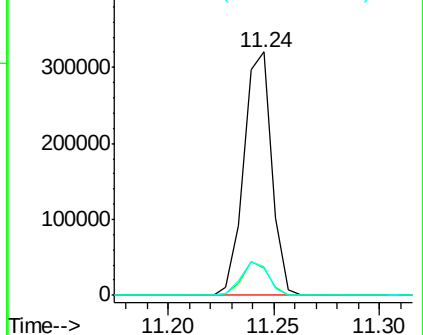
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096392.D
Acq: 1 Jul 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 293240
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 11.5 10.2 15.2

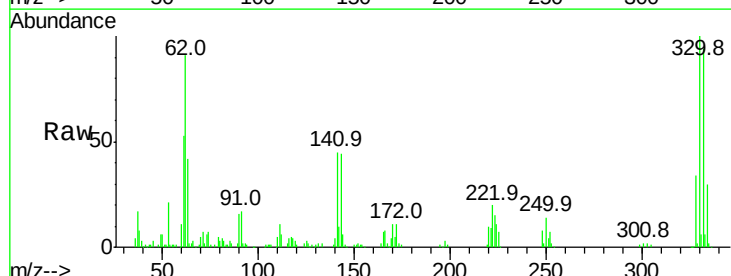


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

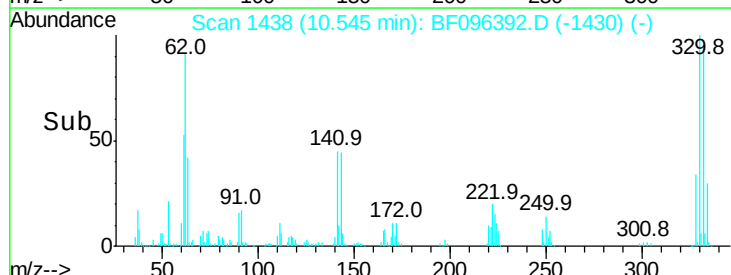
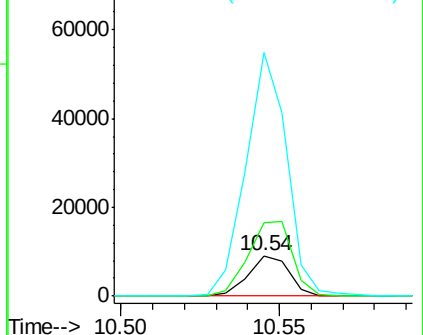


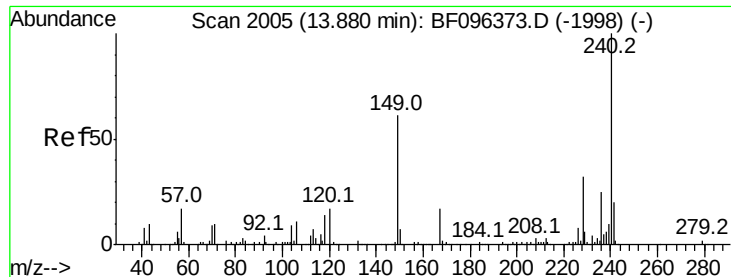
#66
4-Bromophenyl-phenylether
Concen: 2.83 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF096392.D
Acq: 1 Jul 2017 21:28

Tgt Ion:248 Resp: 8070
Ion Ratio Lower Upper
248 100
250 181.9 76.8 115.2#
141 604.1 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096392.D

Acq: 1 Jul 2017 21:28

Instrument :

BNA_F

ClientSampleId :

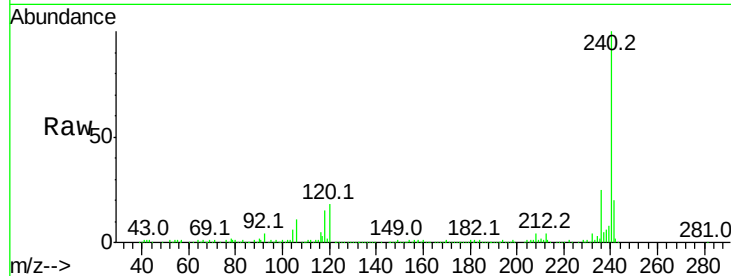
Tot Ion:240 Resp: 308482

Ion Ratio Lower Upper

240 100

120 17.7 5.8 8.8#

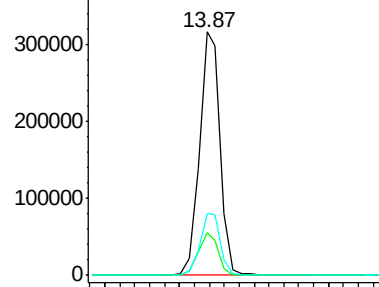
236 25.4 20.5 30.7



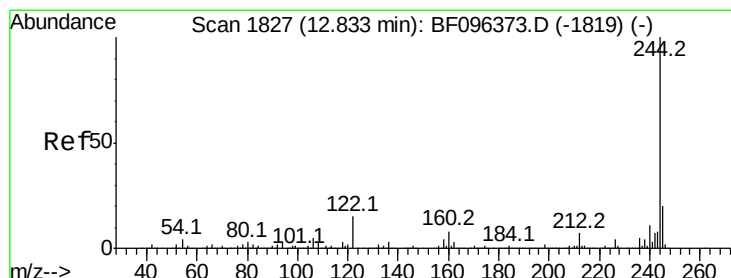
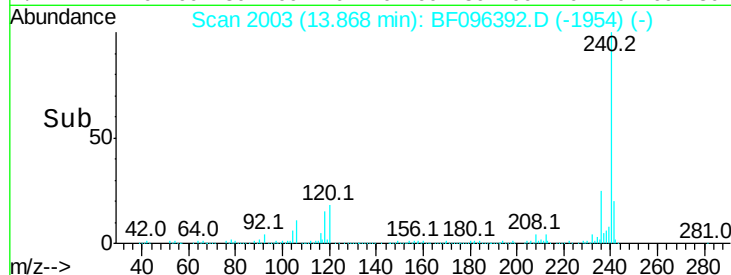
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.80 13.85 13.90 13.95



#78

Terphenyl-d14

Concen: 41.42 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096392.D

Acq: 1 Jul 2017 21:28

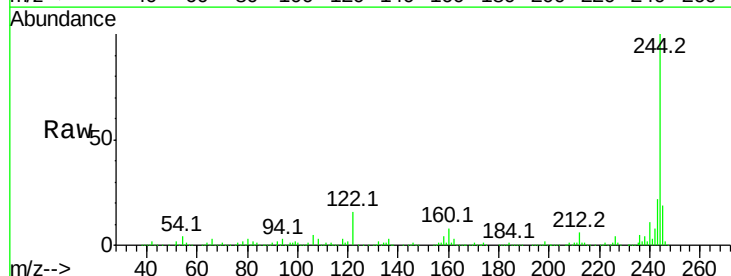
Tgt Ion:244 Resp: 598019

Ion Ratio Lower Upper

244 100

212 6.2 6.0 9.0

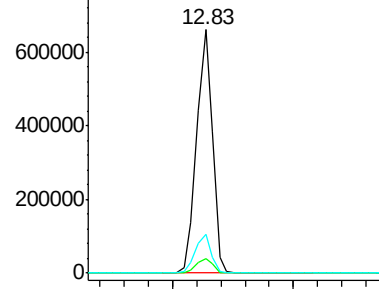
122 15.7 10.3 15.5#



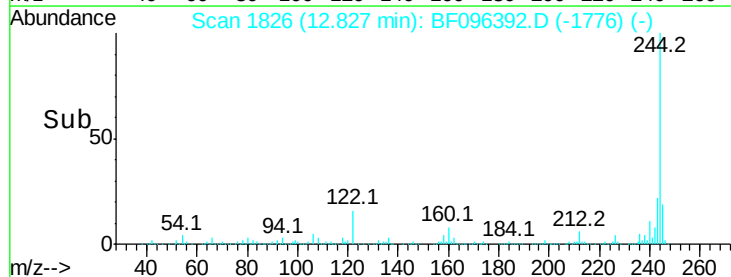
Abundance Ion 244.00 (243.70 to 244.70): E

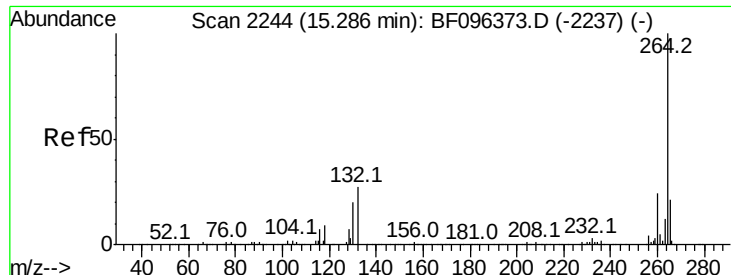
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.80 12.90

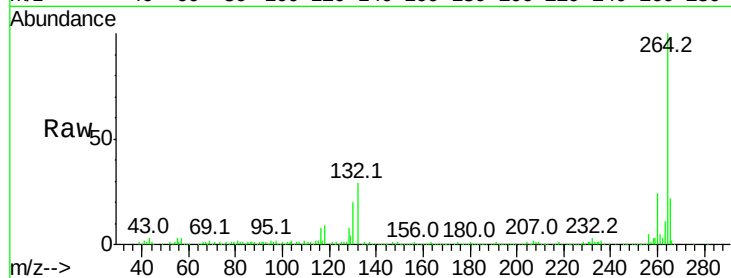




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF096392.D
Acq: 1 Jul 2017 21:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.6	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

