

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070217\
 Data File : BF096419.D
 Acq On : 2 Jul 2017 16:40
 Operator : SJ/MA
 Sample : I3950-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 04:32:21 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

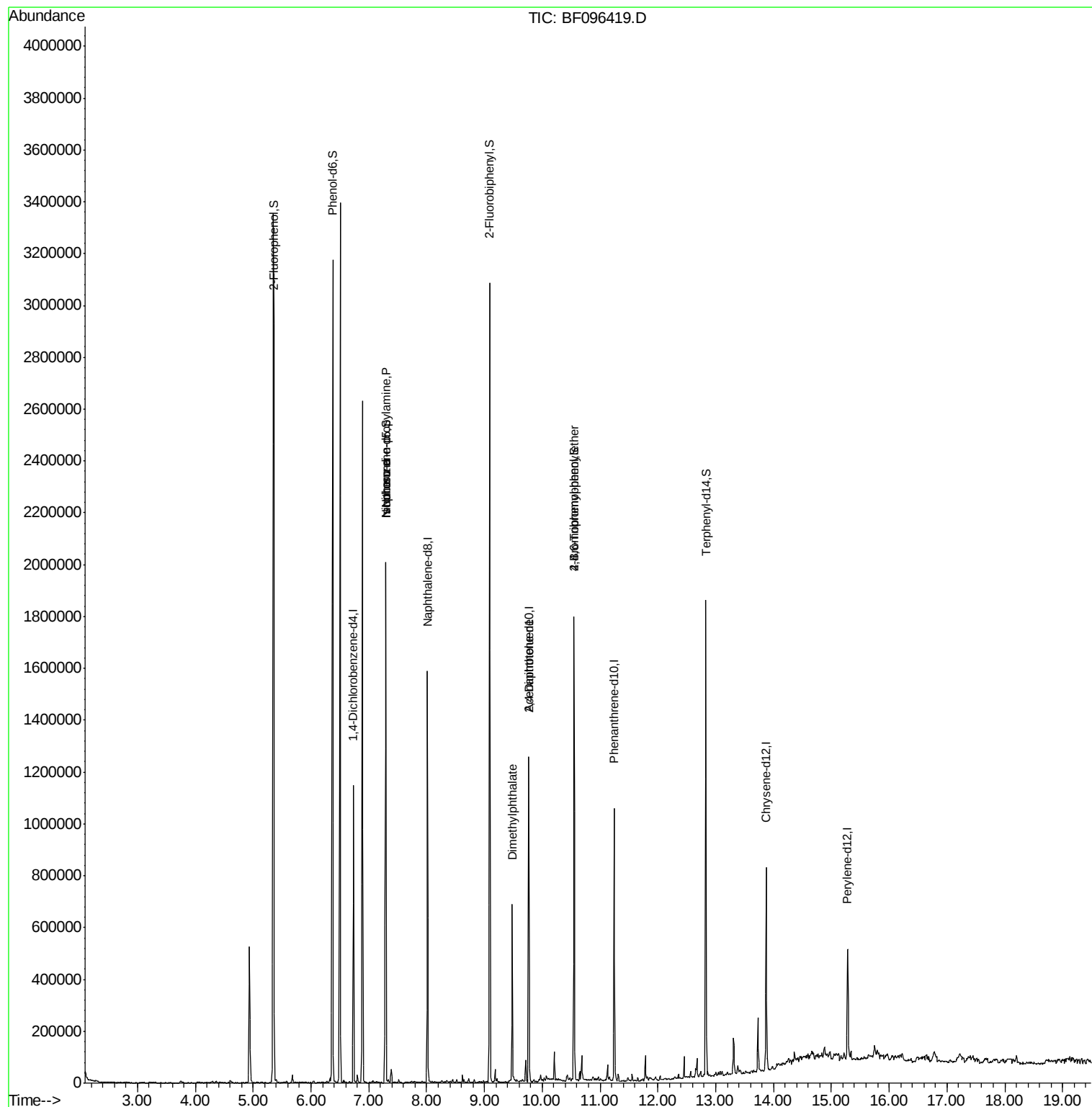
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	149307	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	649328	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	249790	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	343348	20.00	ng	0.00
75) Chrysene-d12	13.87	240	255926	20.00	ng	0.00
86) Perylene-d12	15.29	264	184798	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1096126	108.36	ng	0.00
7) Phenol-d6	6.37	99	1192851	95.92	ng	0.00
23) Nitrobenzene-d5	7.29	82	677064	62.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	191900	98.35	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	948293	64.91	ng	0.00
78) Terphenyl-d14	12.83	244	541904	45.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	90462	12.21	ng	# 88
25) Isophorone	7.29	82	672465	32.10	ng	# 67
49) Dimethylphthalate	9.49	163	284604	15.26	ng	98
56) 2,4-Dinitrotoluene	9.77	165	30979	5.93	ng	# 34
66) 4-Bromophenyl-phenylether	10.55	248	13124	3.93	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: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF096419.D

Acq: 2 Jul 2017 16:40

Instrument :

BNA_F

ClientSampleId :

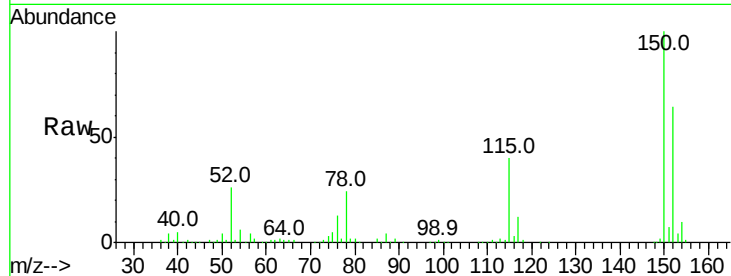
Tot Ion:152 Resp: 149307

Ion Ratio Lower Upper

152 100

150 156.3 126.2 189.2

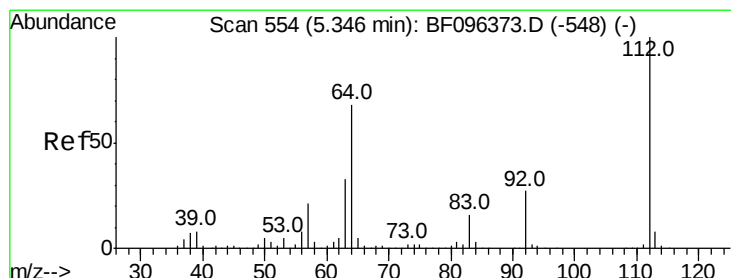
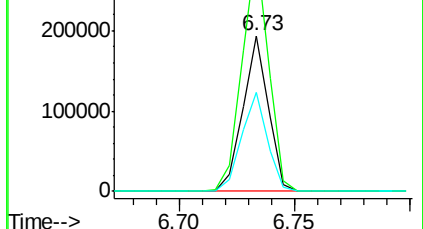
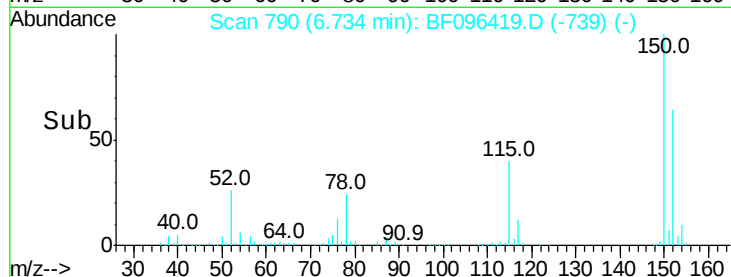
115 63.2 52.2 78.2



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: 108.36 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF096419.D

Acq: 2 Jul 2017 16:40

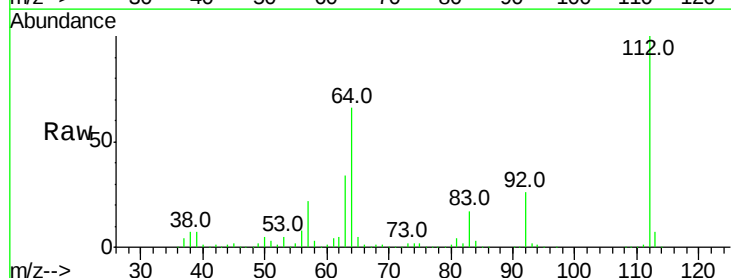
Tgt Ion:112 Resp: 1096126

Ion Ratio Lower Upper

112 100

64 65.8 46.0 69.0

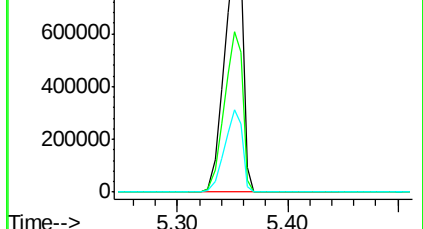
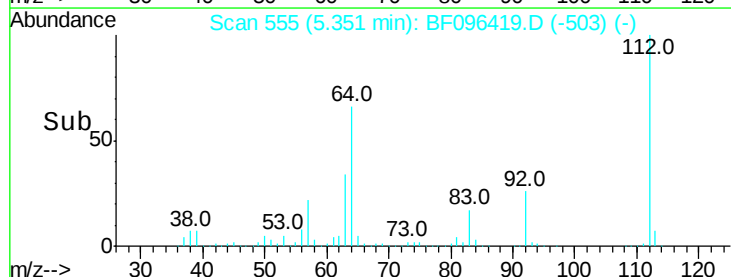
63 33.6 23.4 35.0

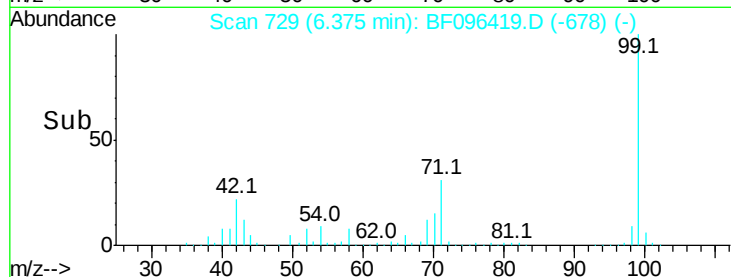
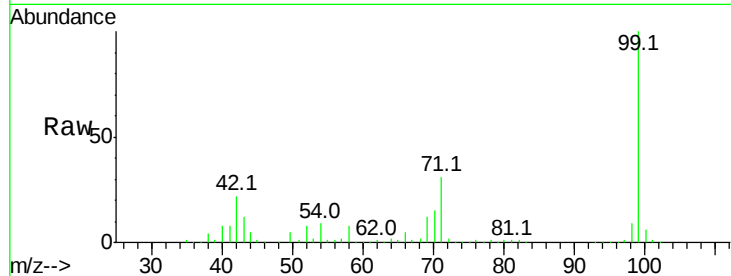
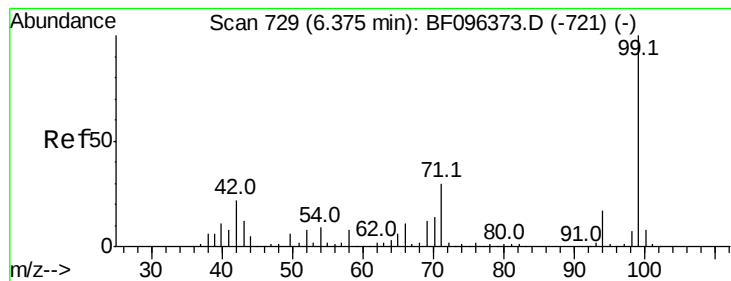


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.92 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF096419.D

Acq: 2 Jul 2017 16:40

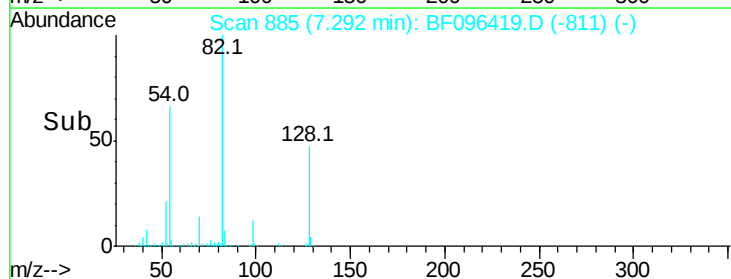
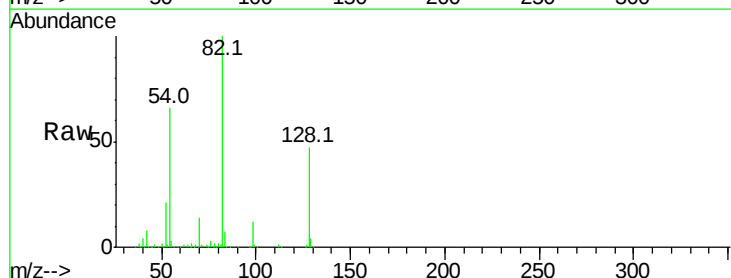
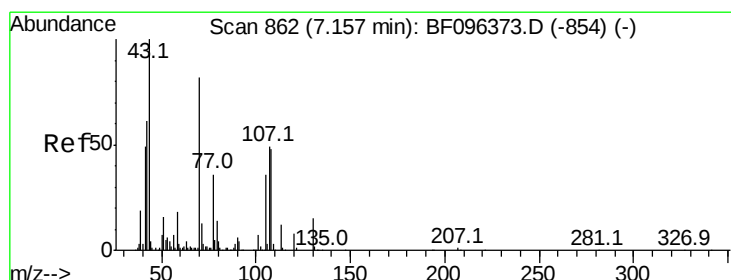
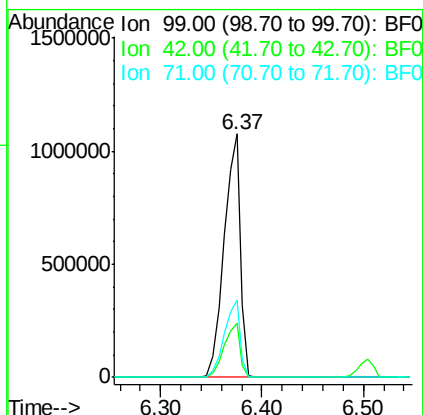
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1192851

Ion	Ratio	Lower	Upper
99	100		
42	22.4	13.5	20.3#
71	31.5	24.5	36.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.21 ng

RT: 7.29 min Scan# 885

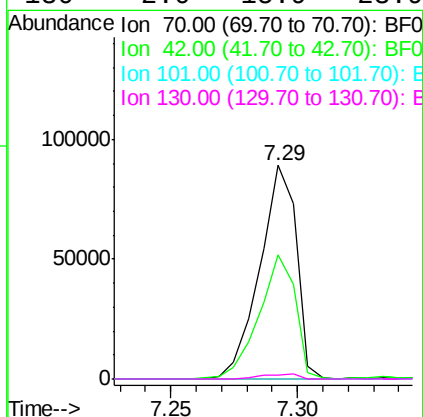
Delta R.T. 0.14 min

Lab File: BF096419.D

Acq: 2 Jul 2017 16:40

Tgt Ion: 70 Resp: 90462

Ion	Ratio	Lower	Upper
70	100		
42	58.3	47.2	70.8
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 1008

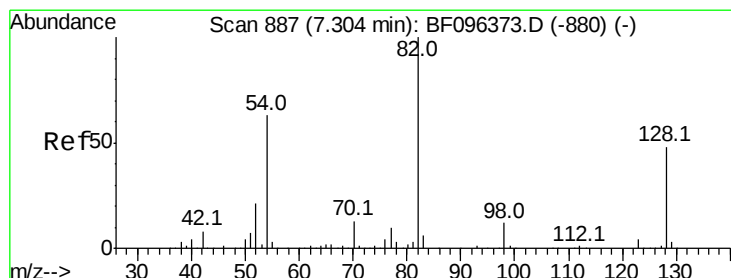
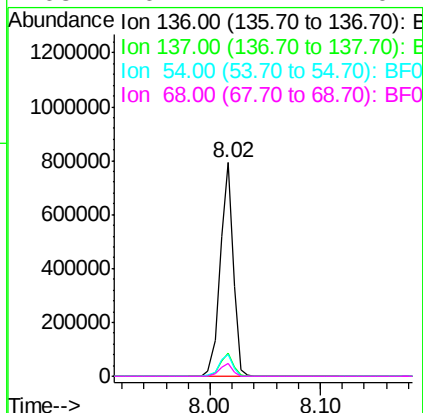
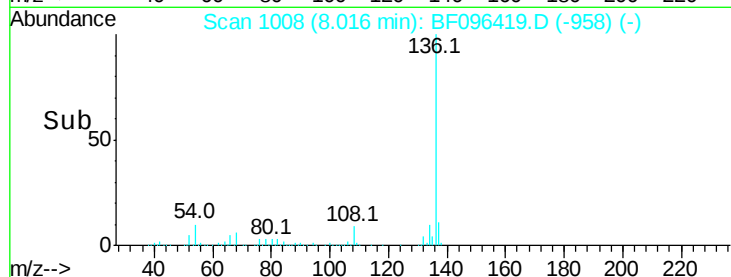
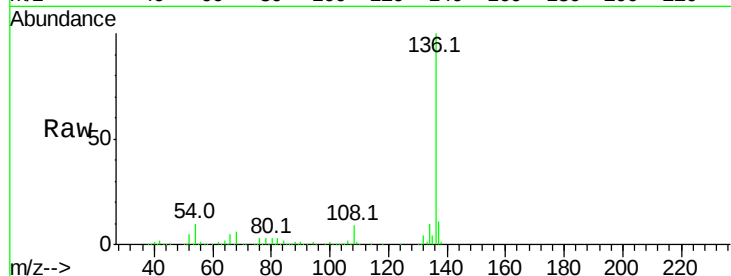
Delta R.T. -0.01 min

Lab File: BF096419.D

Acq: 2 Jul 2017 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	649328
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.0	4.9	7.3#
68	6.1	4.1	6.1



#23

Nitrobenzene-d5

Concen: 62.66 ng

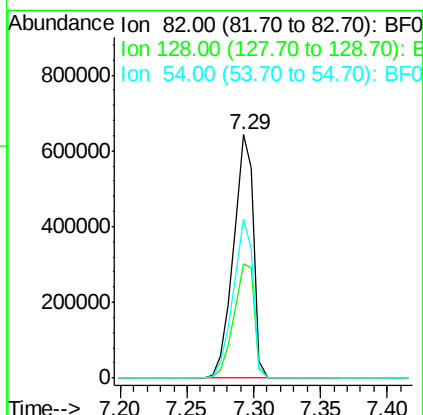
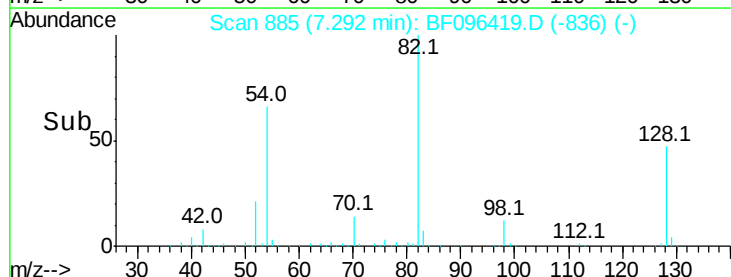
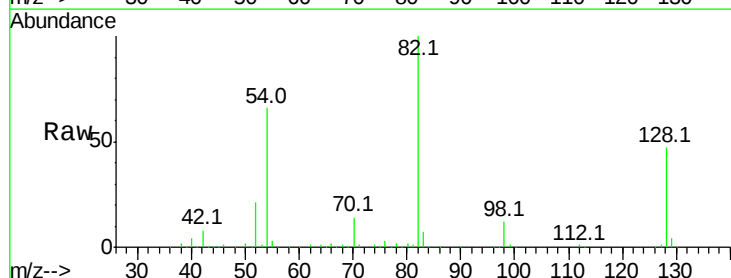
RT: 7.29 min Scan# 885

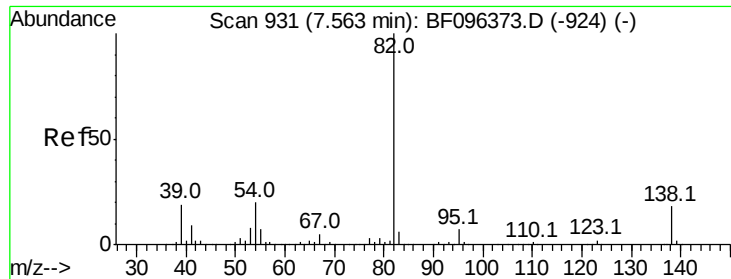
Delta R.T. -0.01 min

Lab File: BF096419.D

Acq: 2 Jul 2017 16:40

Tgt Ion:	82	Resp:	677064
Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.0	51.0
54	65.5	42.2	63.2#





#25

Isophorone

Concen: 32.10 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF096419.D

Acq: 2 Jul 2017 16:40

Instrument :

BNA_F

ClientSampleId :

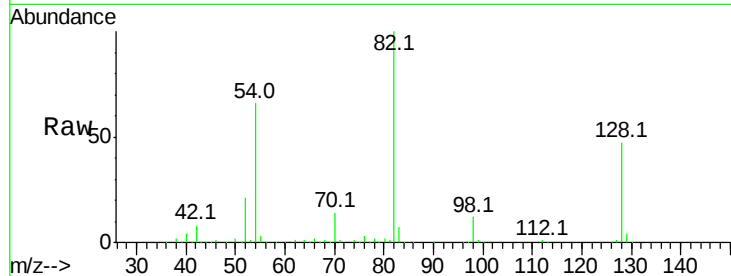
Tot Ion: 82 Resp: 672465

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

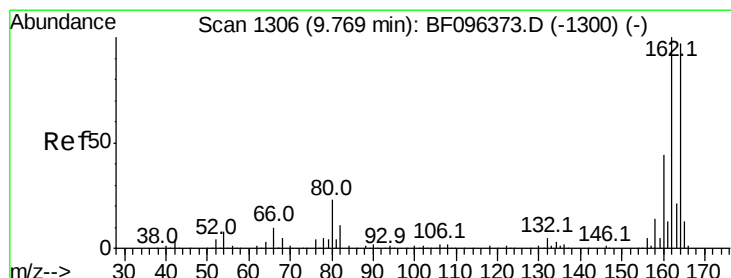
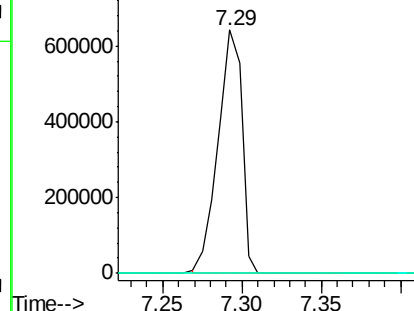
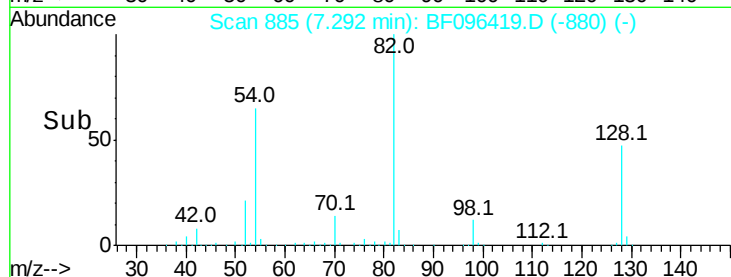
138 0.0 13.1 19.7#



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: 20.00 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF096419.D

Acq: 2 Jul 2017 16:40

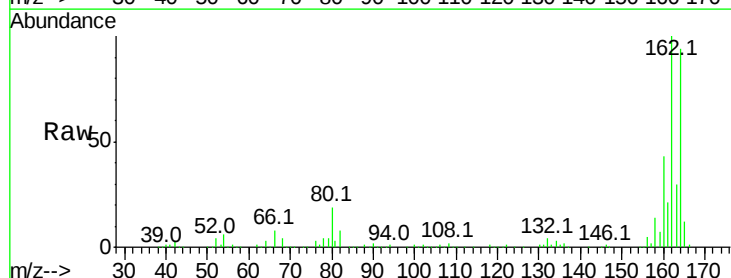
Tgt Ion:164 Resp: 249790

Ion Ratio Lower Upper

164 100

162 105.9 82.6 123.8

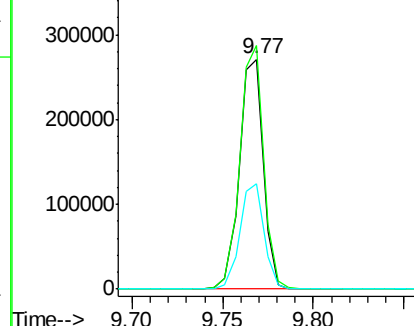
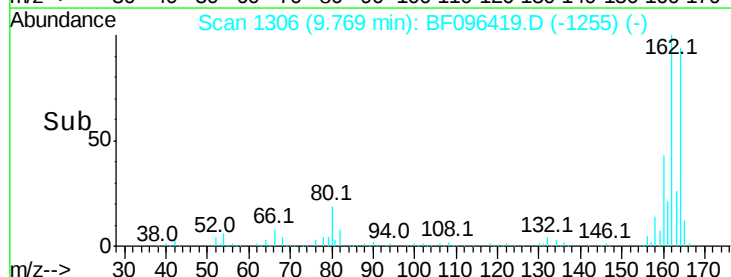
160 45.9 36.2 54.2



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

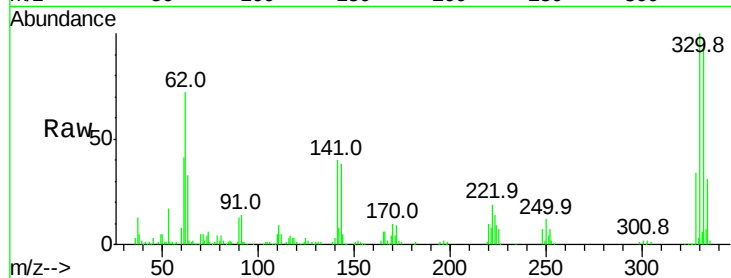




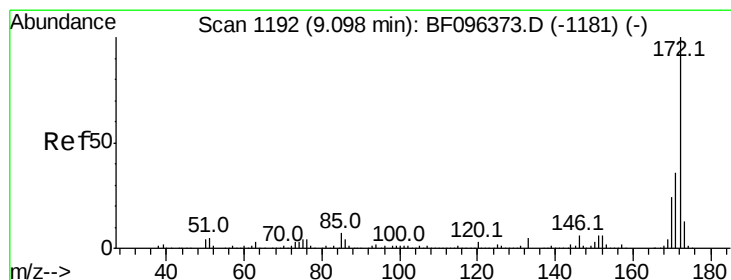
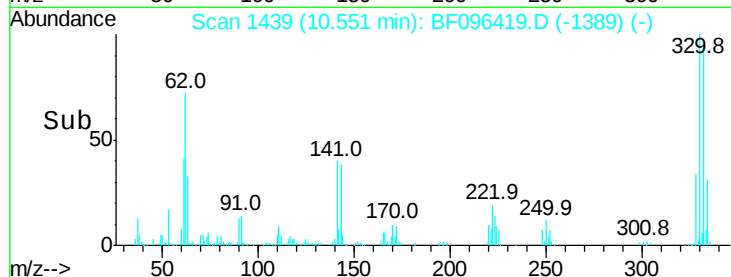
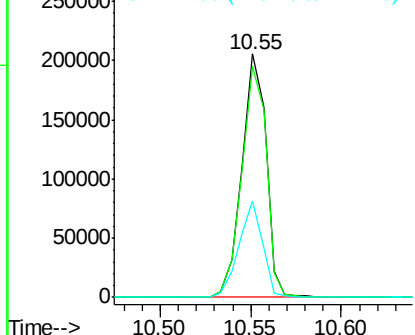
#41
 2,4,6-Tribromophenol
 Concen: 98.35 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096419.D
 Acq: 2 Jul 2017 16:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 191900
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 38.5 31.4 47.2

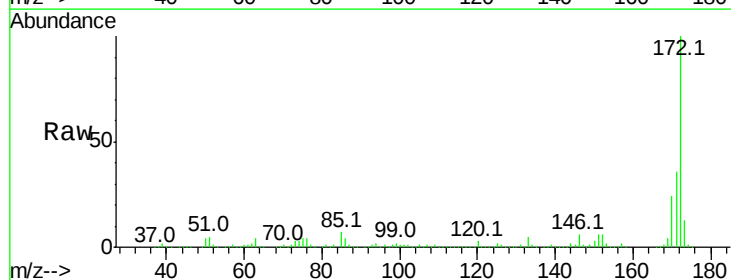


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

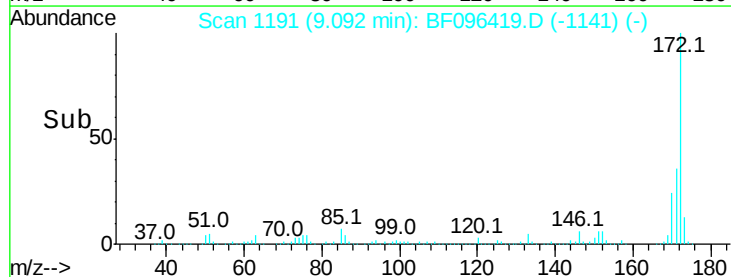
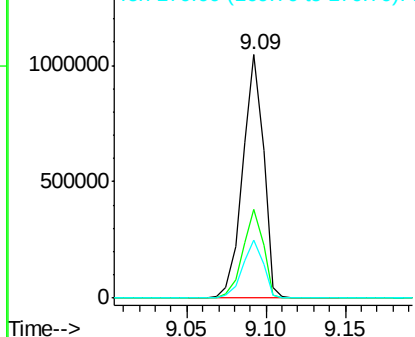


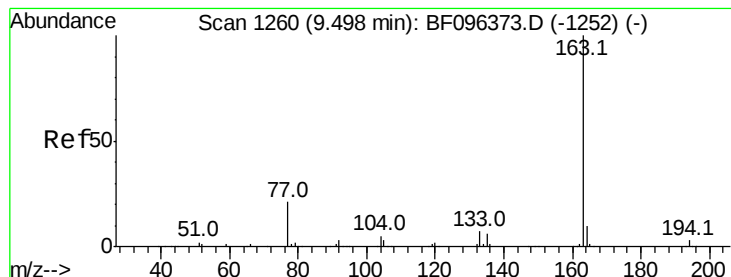
#44
 2-Fluorobiphenyl
 Concen: 64.91 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096419.D
 Acq: 2 Jul 2017 16:40

Tgt Ion:172 Resp: 948293
 Ion Ratio Lower Upper
 172 100
 171 36.3 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: 15.26 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF096419.D

Acq: 2 Jul 2017 16:40

Instrument :

BNA_F

ClientSampleId :

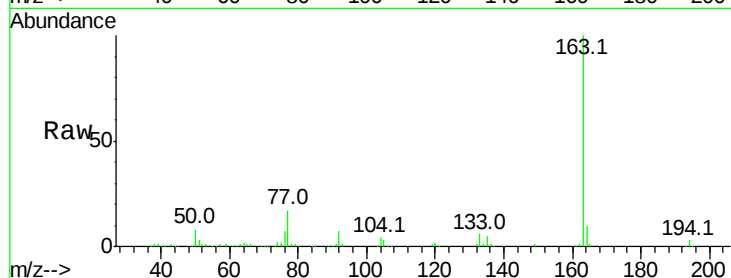
Tot Ion:163 Resp: 284604

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

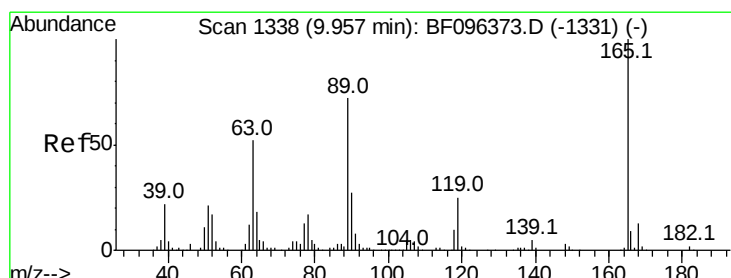
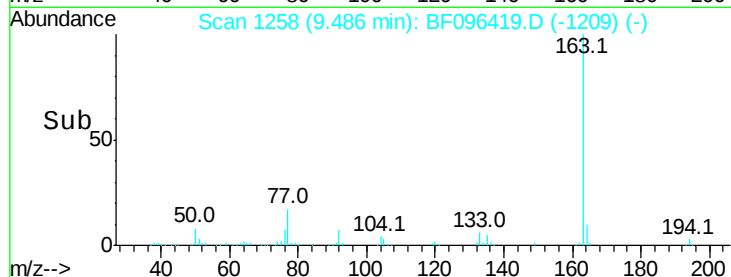
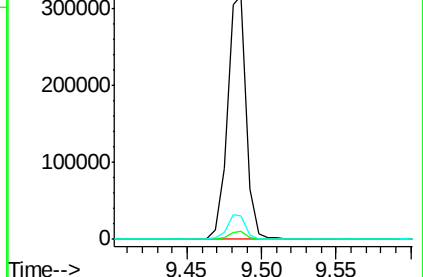
164 9.6 8.4 12.6



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: 5.93 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.19 min

Lab File: BF096419.D

Acq: 2 Jul 2017 16:40

Tgt Ion:165 Resp: 30979

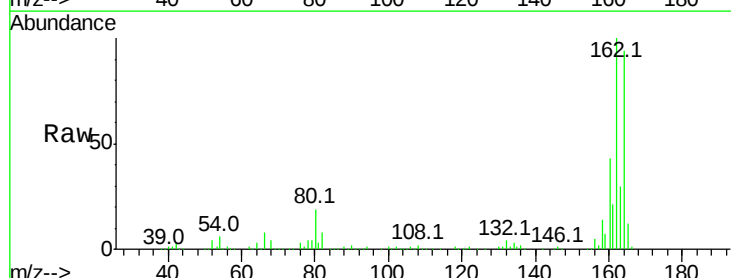
Ion Ratio Lower Upper

165 100

63 1.8 25.4 38.0#

89 2.0 46.4 69.6#

182 0.0 1.8 2.6#

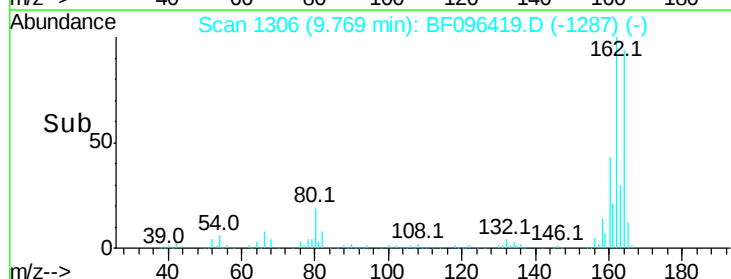
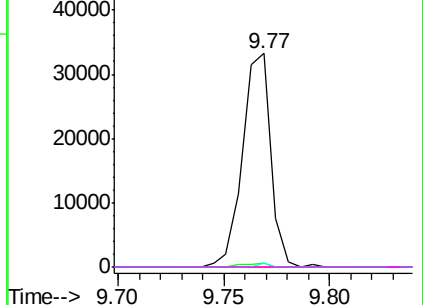


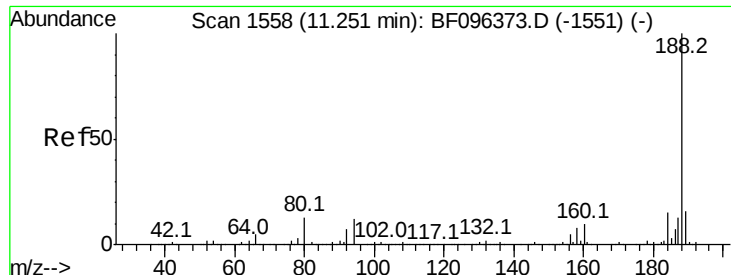
Abundance Ion 165.00 (164.70 to 165.70): E

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

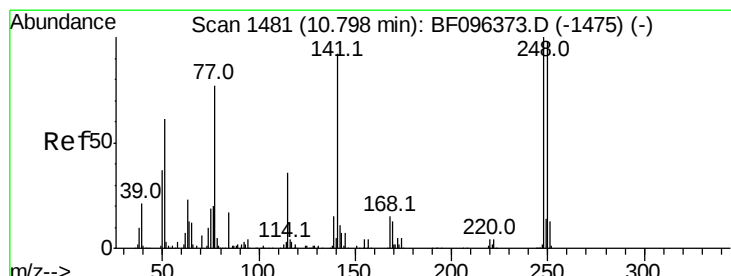
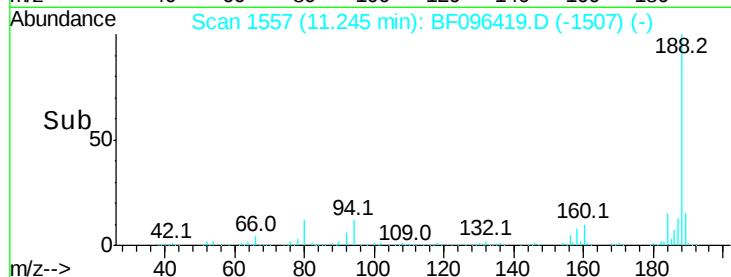
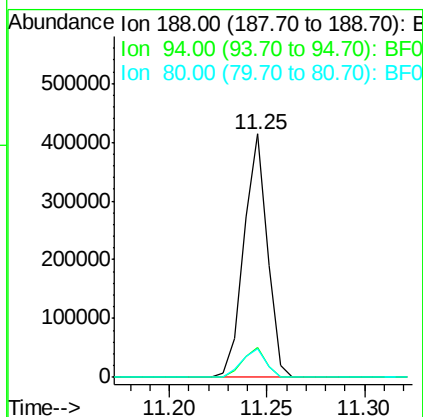
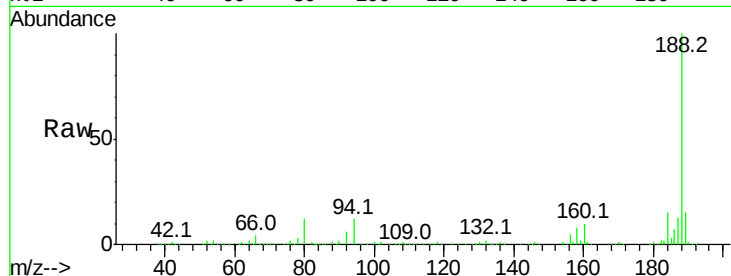




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF096419.D
 Acq: 2 Jul 2017 16:40

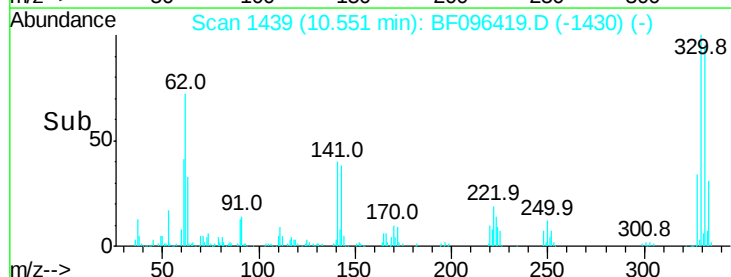
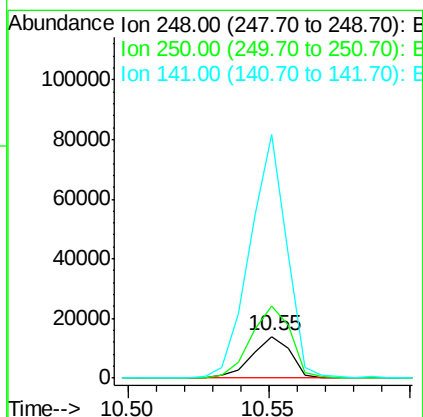
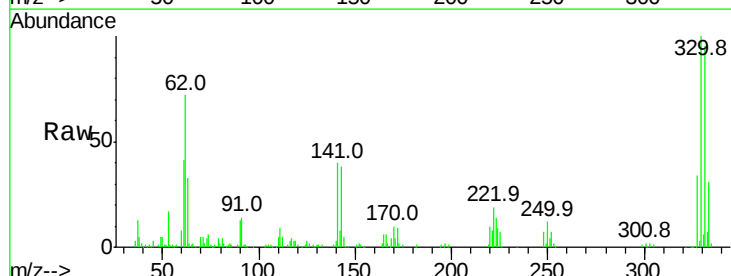
Instrument :
 BNA_F
 ClientSampled :

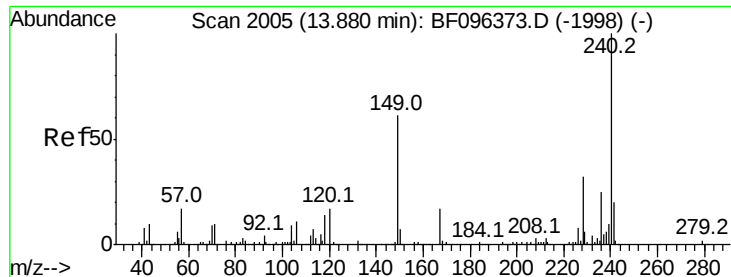
Tot Ion:188 Resp: 343348
 Ion Ratio Lower Upper
 188 100
 94 12.2 9.4 14.2
 80 11.7 10.2 15.2



#66
 4-Bromophenyl-phenylether
 Concen: 3.93 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF096419.D
 Acq: 2 Jul 2017 16:40

Tgt Ion:248 Resp: 13124
 Ion Ratio Lower Upper
 248 100
 250 174.1 76.8 115.2#
 141 586.5 68.6 103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF096419.D

Acq: 2 Jul 2017 16:40

Instrument :

BNA_F

ClientSampleId :

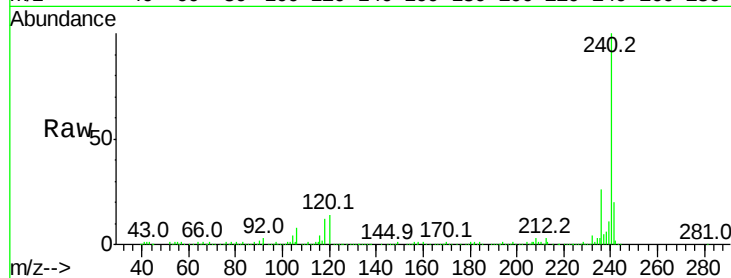
Tot Ion:240 Resp: 255926

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

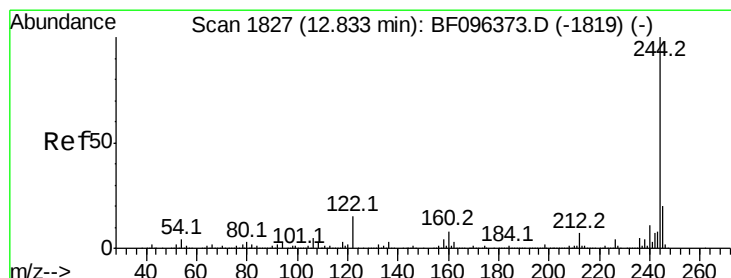
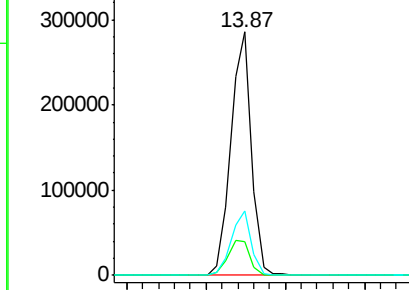
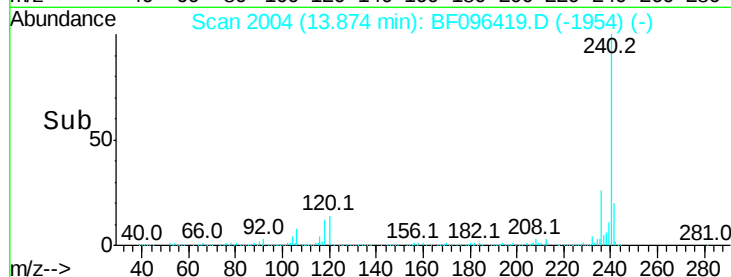
236 26.3 20.5 30.7



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: 45.25 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096419.D

Acq: 2 Jul 2017 16:40

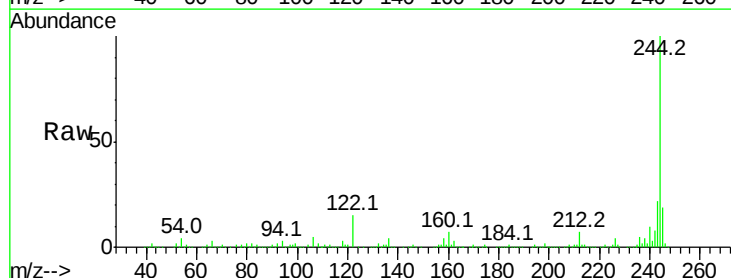
Tgt Ion:244 Resp: 541904

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

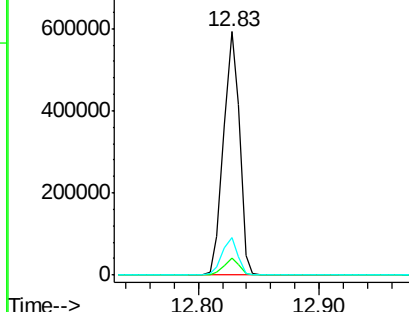
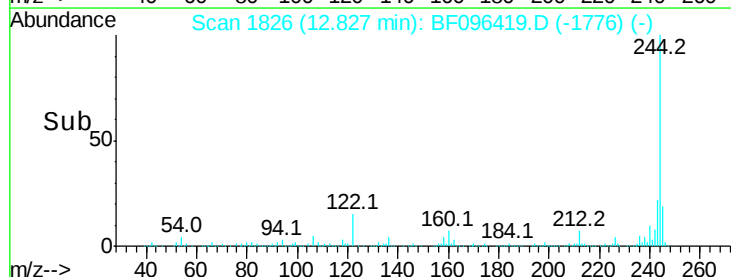
122 15.3 10.3 15.5

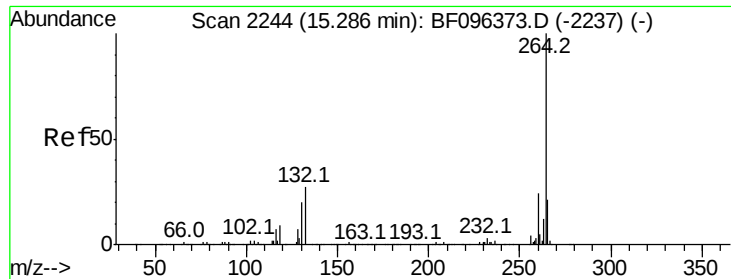


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.00 min
Lab File: BF096419.D
Acq: 2 Jul 2017 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	21.1	17.2	25.8

