

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
 Data File : BF096649.D
 Acq On : 11 Jul 2017 17:29
 Operator : SJ/JU
 Sample : I4113-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(8.0-8.5)

Quant Time: Jul 11 18:14:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

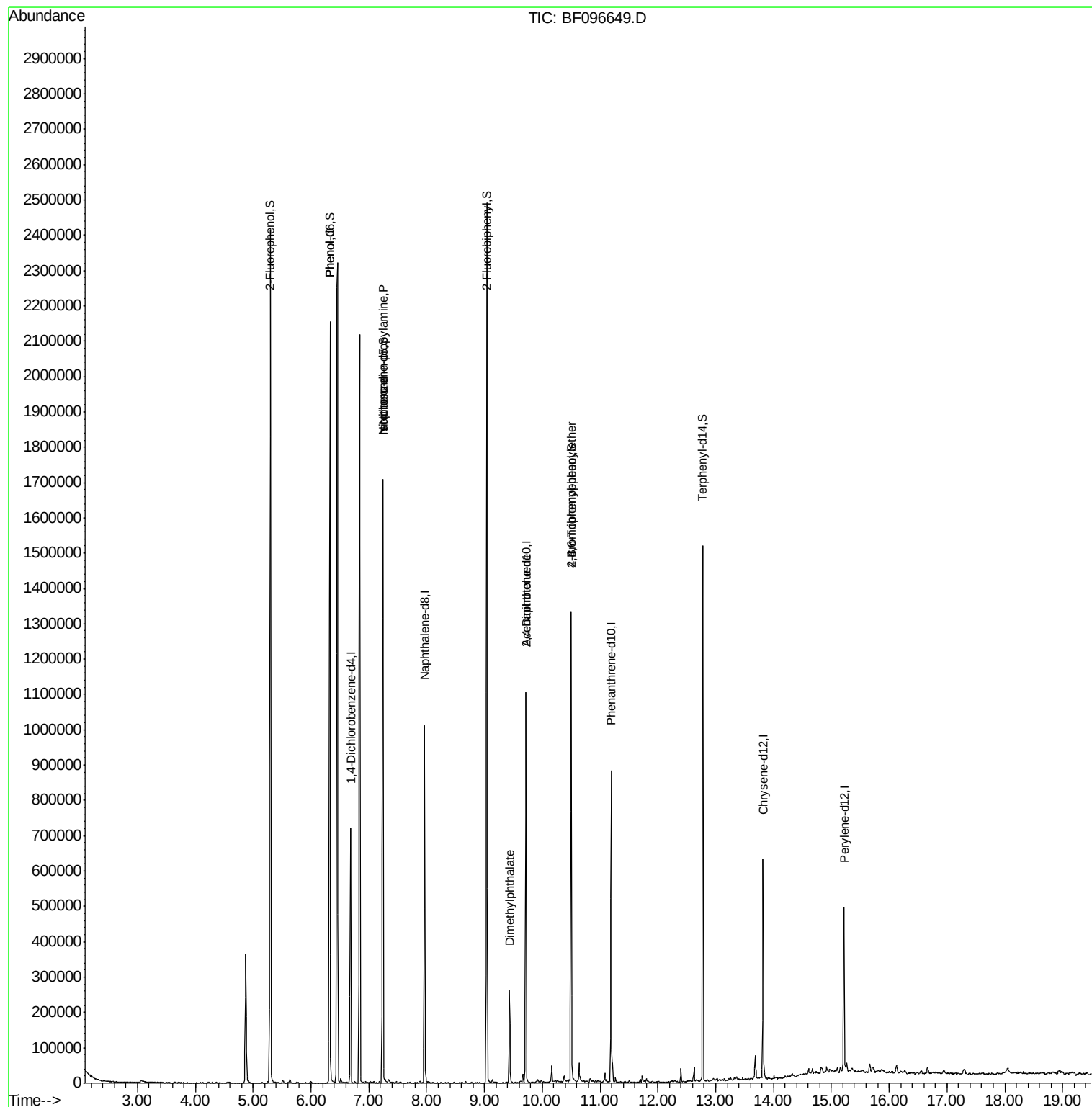
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	114034	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	476970	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	210124	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	303802	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	194094	20.00	ng	-0.02
86) Perylene-d12	15.22	264	194828	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	654590	84.73	ng	-0.01
7) Phenol-d6	6.33	99	803558	84.60	ng	-0.02
23) Nitrobenzene-d5	7.25	82	517142	65.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	149229	90.92	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	832839	67.77	ng	-0.02
78) Terphenyl-d14	12.77	244	473796	52.16	ng	-0.02
Target Compounds						
10) Phenol	6.33	94	23686	2.189	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	67905	12.001	ng	# 88
25) Isophorone	7.25	82	517134	33.602	ng	# 67
49) Dimethylphthalate	9.43	163	98636	6.288	ng	99
56) 2,4-Dinitrotoluene	9.72	165	26498	6.032	ng	# 33
66) 4-Bromophenyl-phenylether	10.50	248	9727	3.289	ng	# 1

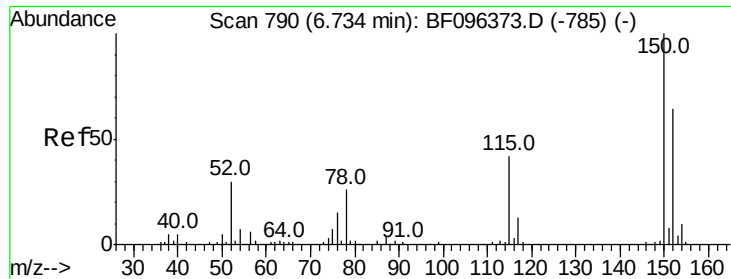
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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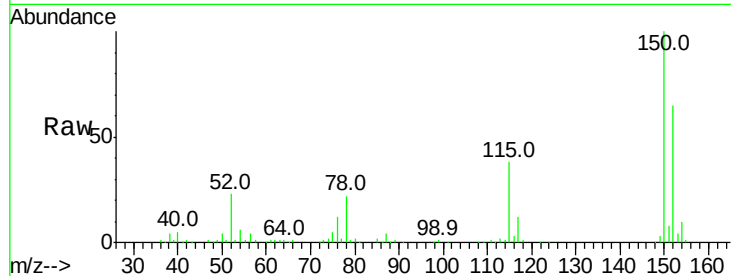


#1

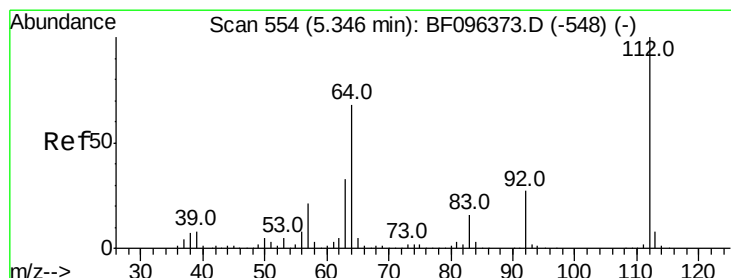
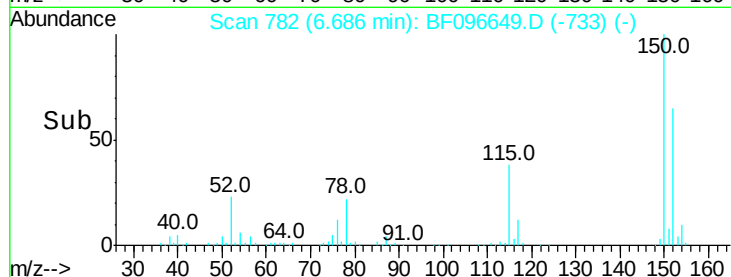
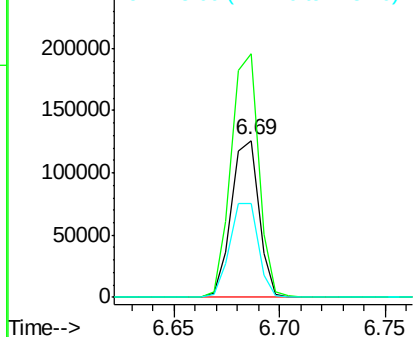
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096649.D
Acq: 11 Jul 2017 17:29

Instrument :
BNA_F
ClientSampleId :
SB-5(8.0-8.5)

Tot Ion:152 Resp: 114034
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.2
115 59.5 52.2 78.2



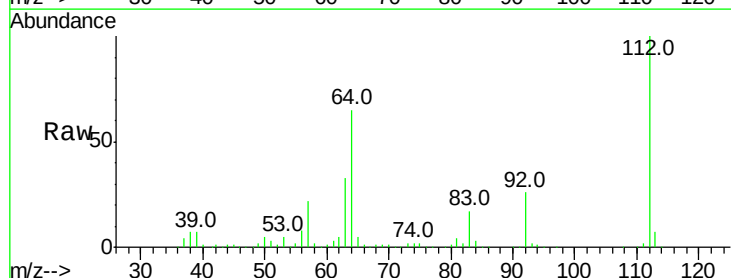
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



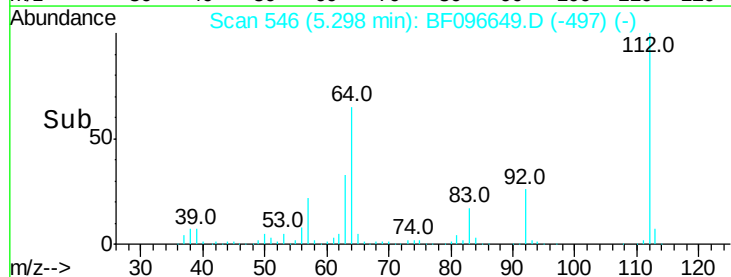
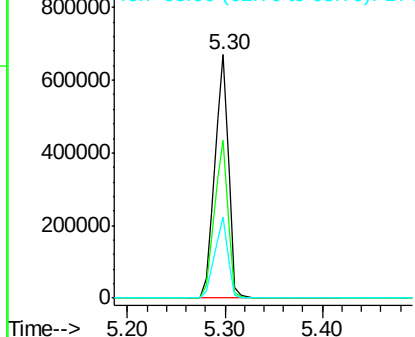
#5

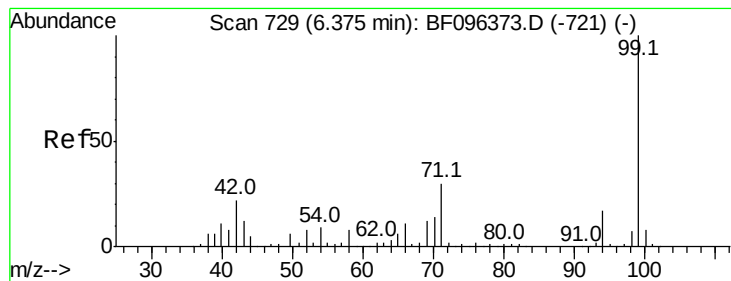
2-Fluorophenol
Concen: 84.725 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096649.D
Acq: 11 Jul 2017 17:29

Tgt Ion:112 Resp: 654590
Ion Ratio Lower Upper
112 100
64 65.0 46.0 69.0
63 33.4 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: 84.602 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096649.D

Acq: 11 Jul 2017 17:29

Instrument :

BNA_F

ClientSampleId :

SB-5(8.0-8.5)

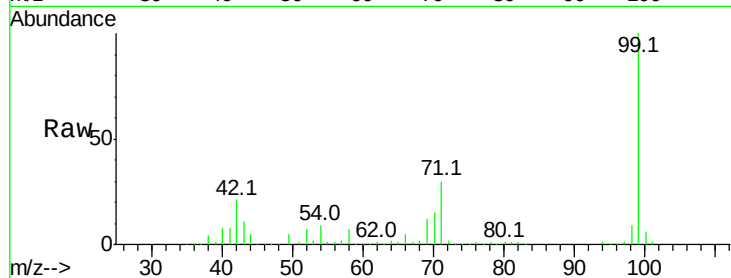
Tot Ion: 99 Resp: 803558

Ion Ratio Lower Upper

99 100

42 20.7 13.5 20.3#

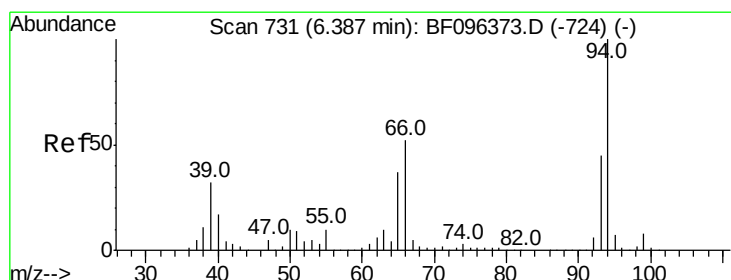
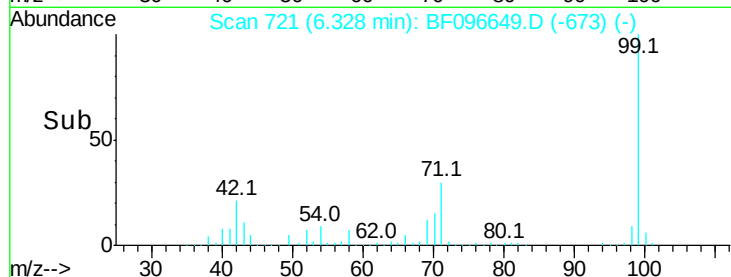
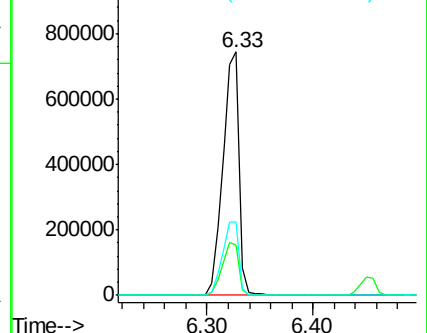
71 30.4 24.5 36.7



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: 2.189 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF096649.D

Acq: 11 Jul 2017 17:29

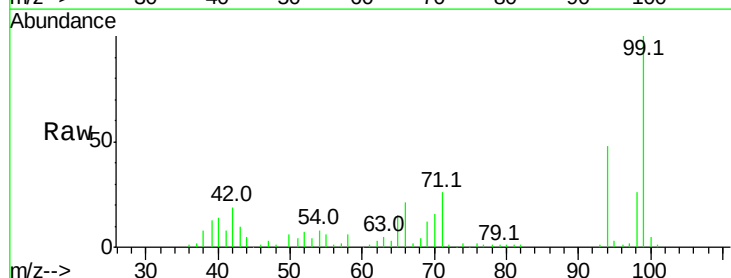
Tgt Ion: 94 Resp: 23686

Ion Ratio Lower Upper

94 100

65 30.6 9.9 49.9

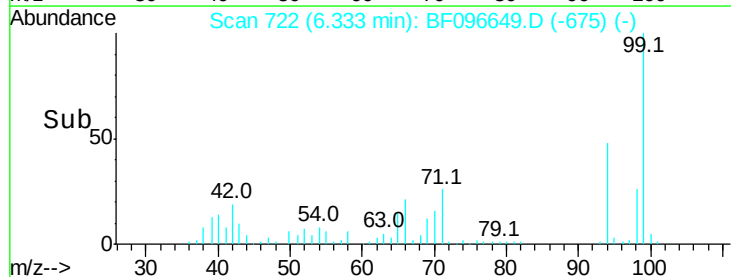
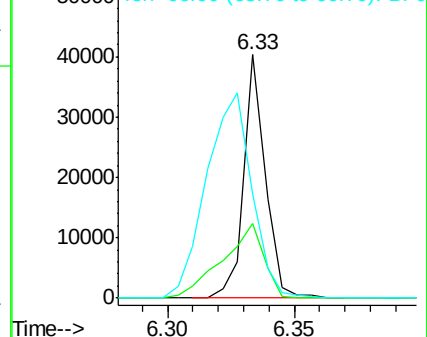
66 43.0 23.1 63.1

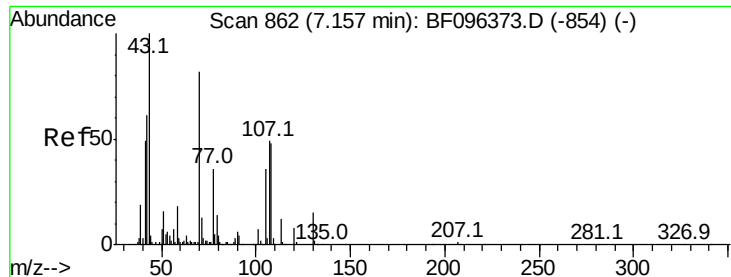


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

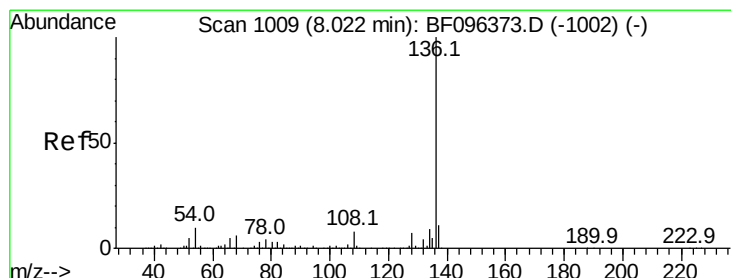
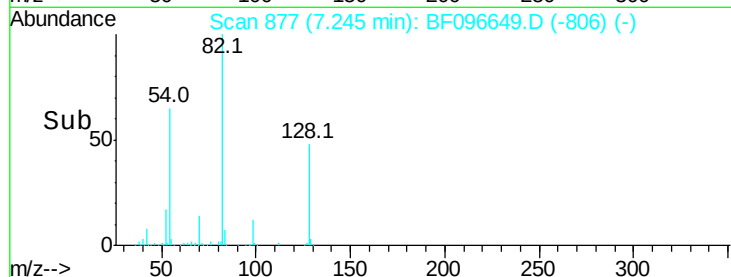
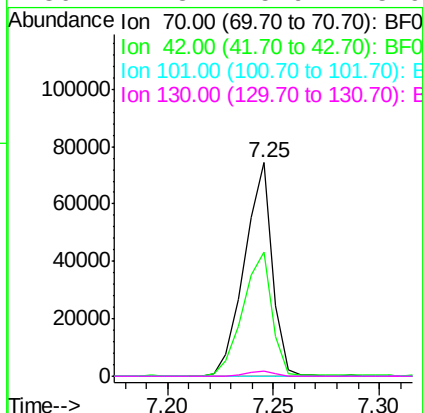
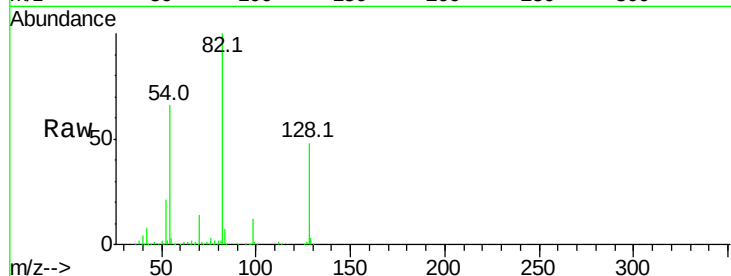




#19
 n-Nitroso-di-n-propylamine
 Concen: 12.001 ng
 RT: 7.25 min Scan# 877
 Delta R.T. 0.12 min
 Lab File: BF096649.D
 Acq: 11 Jul 2017 17:29

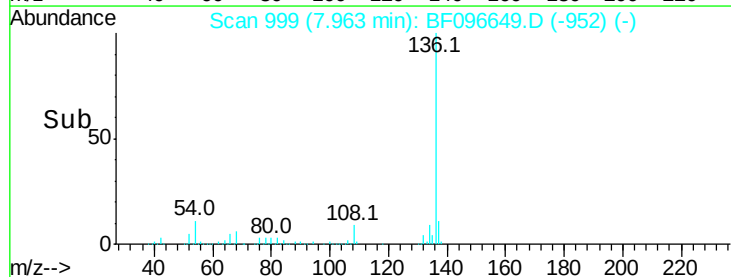
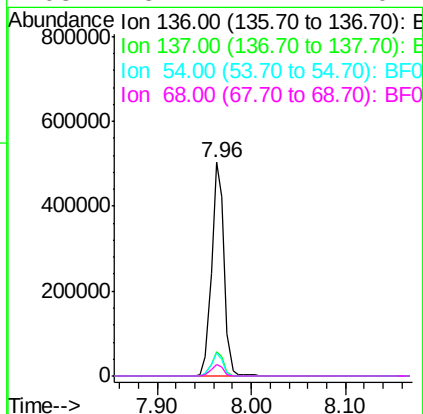
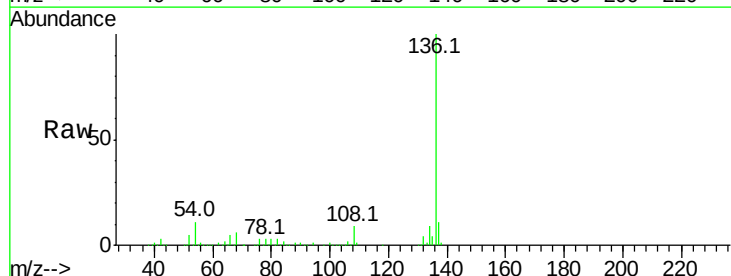
Instrument :
 BNA_F
 ClientSampleId :
 SB-5(8.0-8.5)

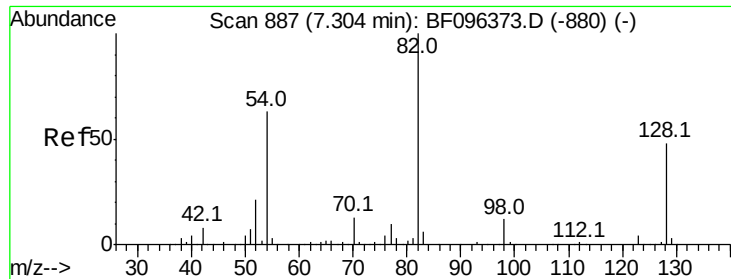
Tot Ion:	70	Resp:	67905
Ion	Ratio	Lower	Upper
70	100		
42	58.3	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.02 min
 Lab File: BF096649.D
 Acq: 11 Jul 2017 17:29

Tgt Ion:	136	Resp:	476970
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	10.6	4.9	7.3#
68	5.7	4.1	6.1

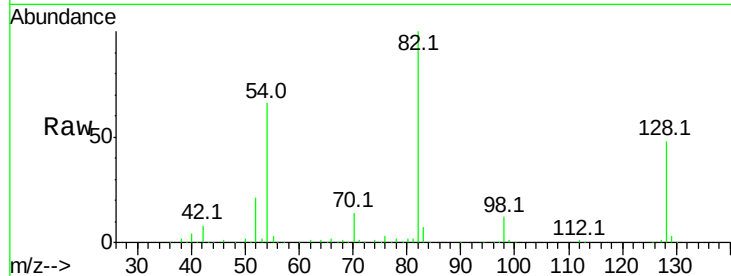




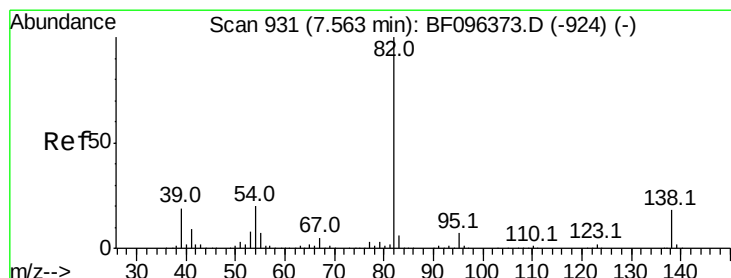
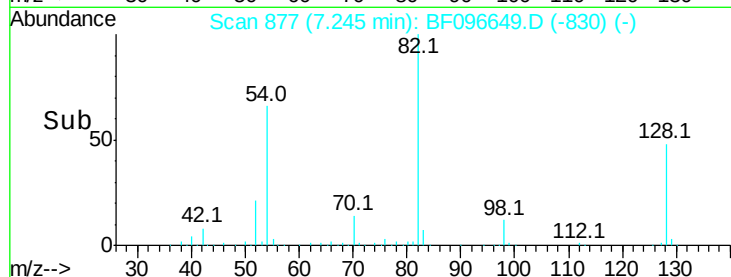
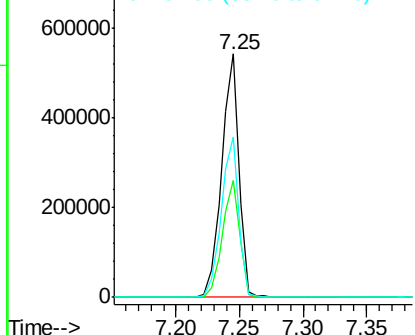
#23
 Nitrobenzene-d5
 Concen: 65.152 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.02 min
 Lab File: BF096649.D
 Acq: 11 Jul 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(8.0-8.5)

Tot Ion: 82 Resp: 517142
 Ion Ratio Lower Upper
 82 100
 128 48.2 34.0 51.0
 54 66.0 42.2 63.2#

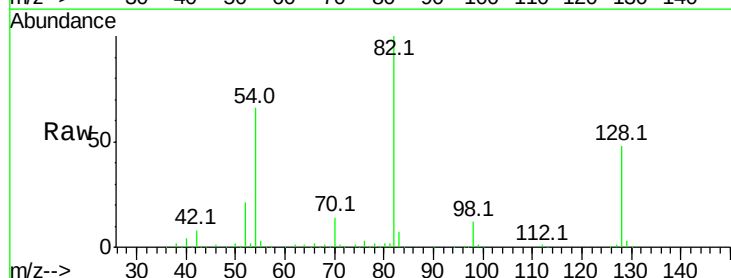


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

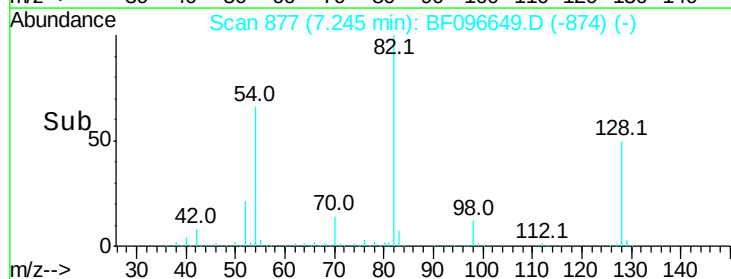
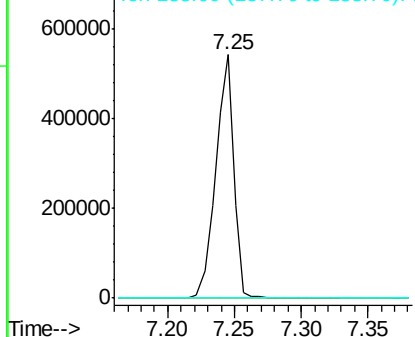


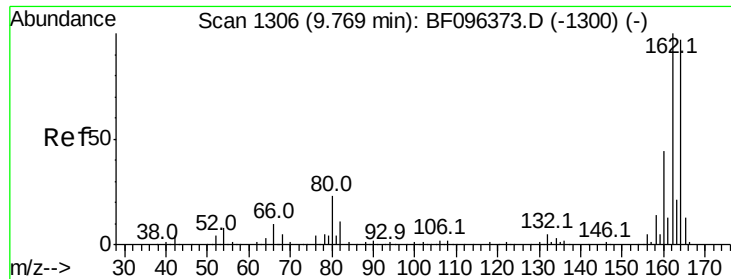
#25
 Isophorone
 Concen: 33.602 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.28 min
 Lab File: BF096649.D
 Acq: 11 Jul 2017 17:29

Tgt Ion: 82 Resp: 517134
 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

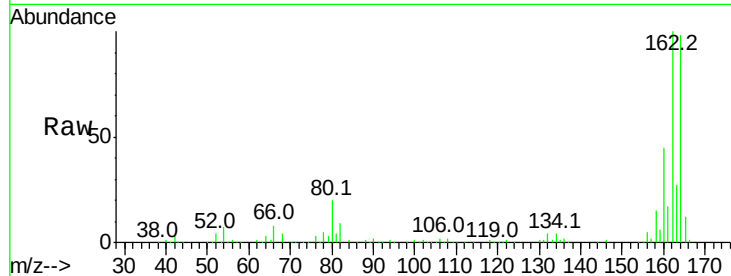




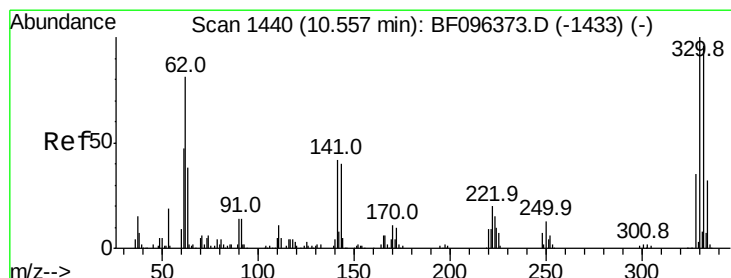
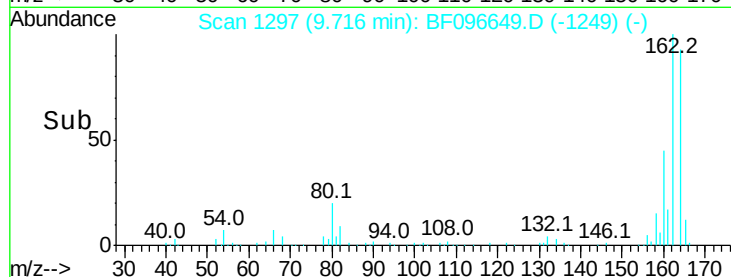
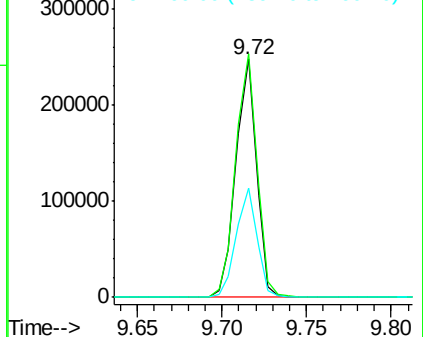
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096649.D
Acq: 11 Jul 2017 17:29

Instrument :
BNA_F
ClientSampleId :
SB-5(8.0-8.5)

Tot Ion:164 Resp: 210124
Ion Ratio Lower Upper
164 100
162 102.3 82.6 123.8
160 45.8 36.2 54.2

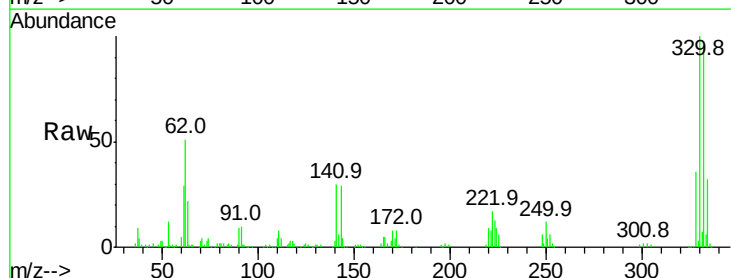


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

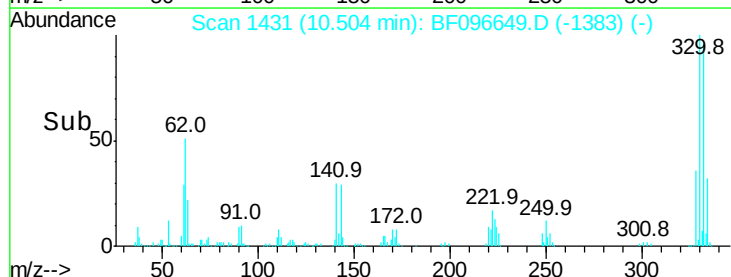
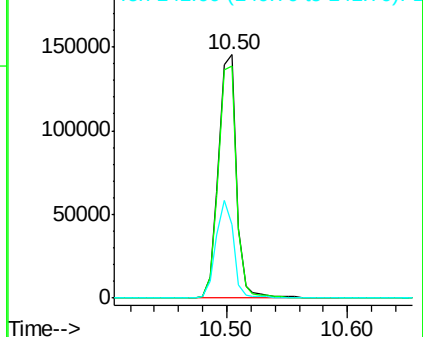


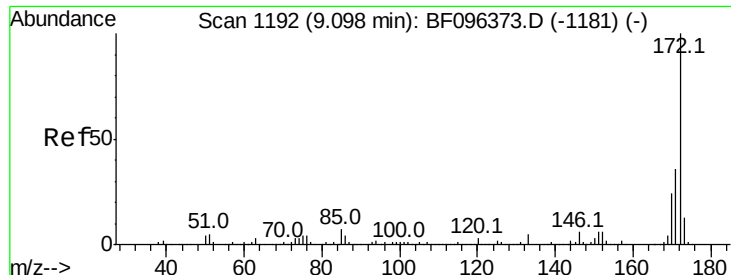
#41
2,4,6-Tribromophenol
Concen: 90.920 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF096649.D
Acq: 11 Jul 2017 17:29

Tgt Ion:330 Resp: 149229
Ion Ratio Lower Upper
330 100
332 96.4 76.6 115.0
141 38.9 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

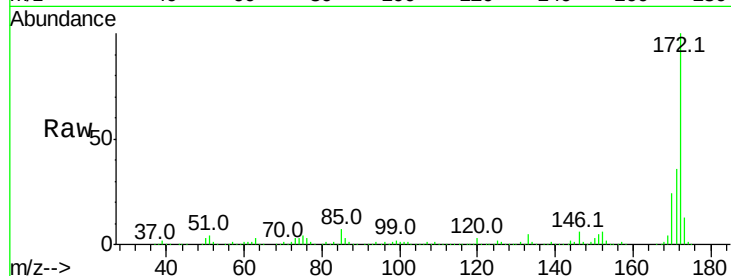




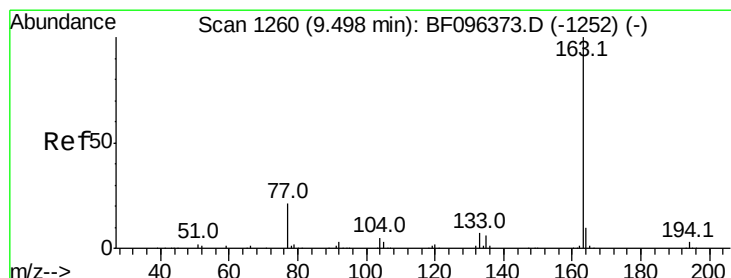
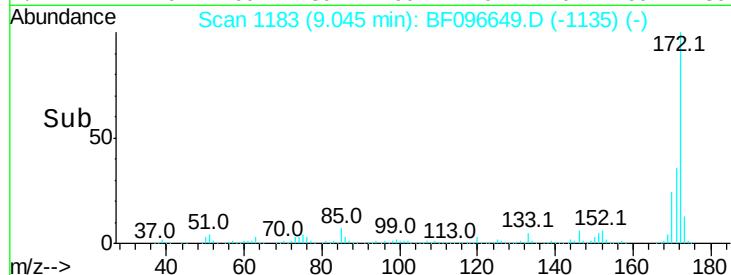
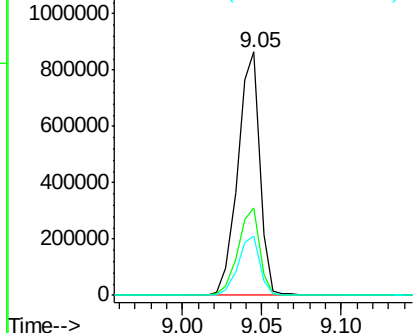
#44
2-Fluorobiphenyl
Concen: 67.768 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF096649.D
Acq: 11 Jul 2017 17:29

Instrument :
BNA_F
ClientSampleId :
SB-5(8.0-8.5)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.4	19.8	29.8

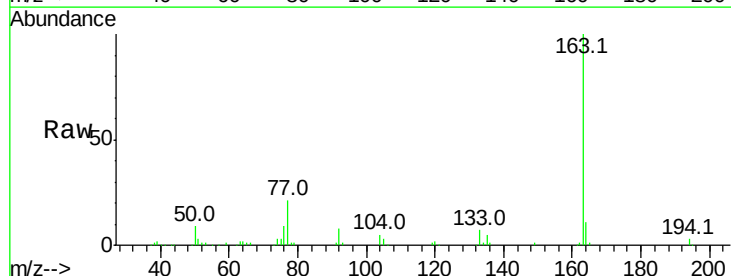


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

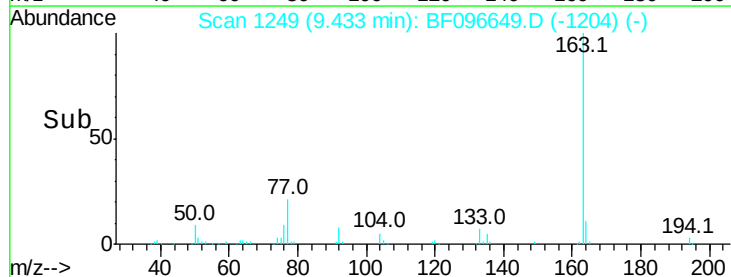
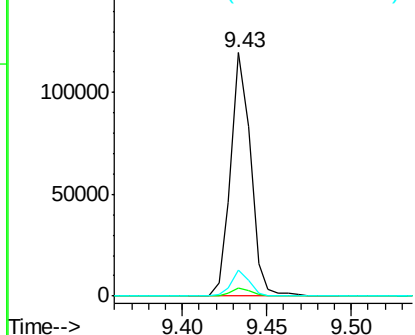


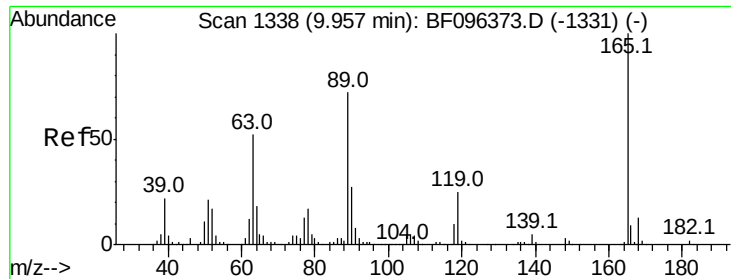
#49
Dimethylphthalate
Concen: 6.288 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096649.D
Acq: 11 Jul 2017 17:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.9	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: 6.032 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.21 min

Lab File: BF096649.D

Acq: 11 Jul 2017 17:29

Instrument :

BNA_F

ClientSampleId :

SB-5(8.0-8.5)

Tot Ion:165 Resp: 26498

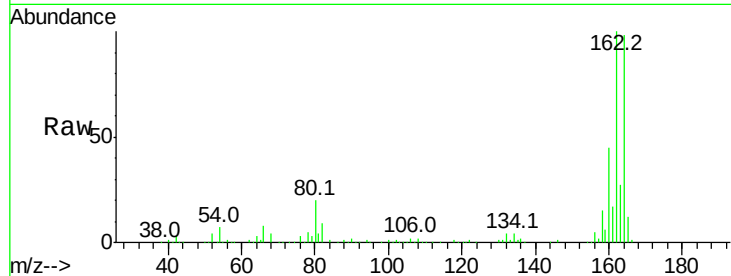
Ion Ratio Lower Upper

165 100

63 1.2 25.4 38.0#

89 1.7 46.4 69.6#

182 0.0 1.8 2.6#

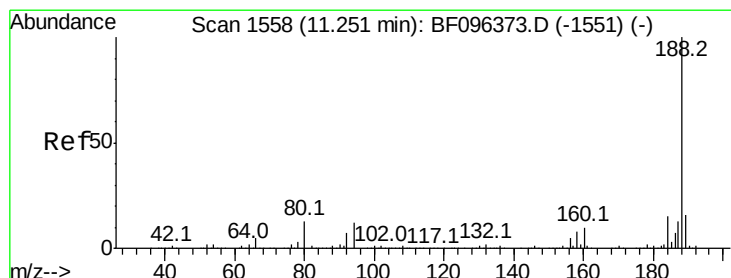
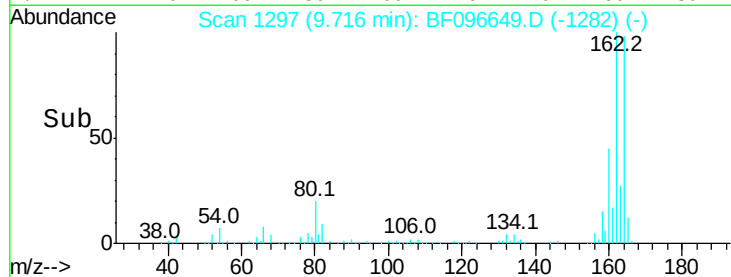
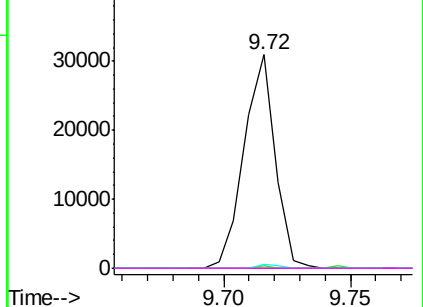


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.19 min Scan# 1548

Delta R.T. -0.02 min

Lab File: BF096649.D

Acq: 11 Jul 2017 17:29

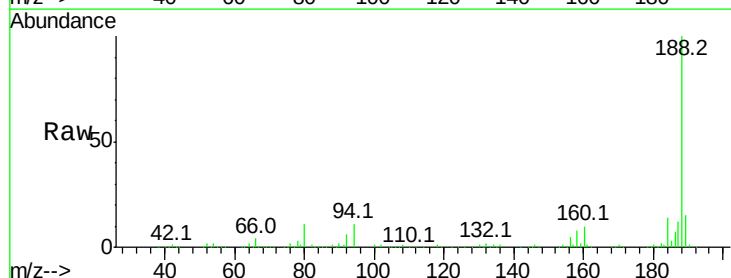
Tgt Ion:188 Resp: 303802

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

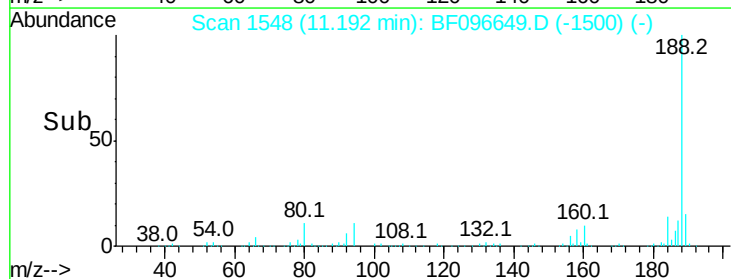
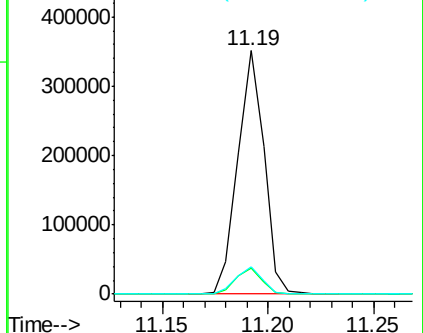
80 11.3 10.2 15.2

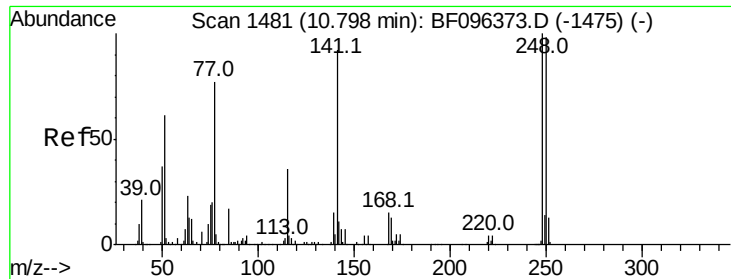


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

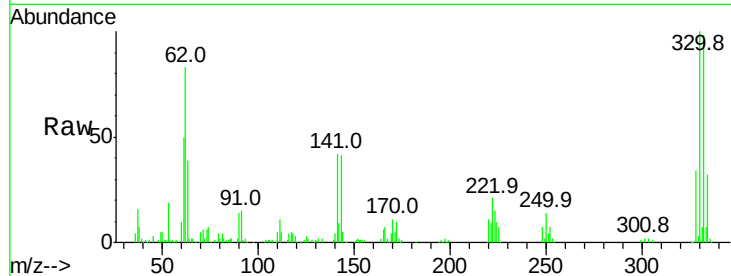




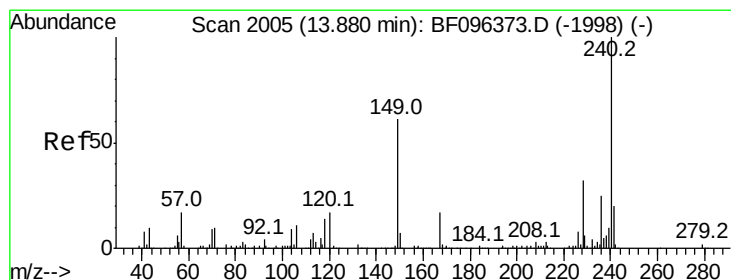
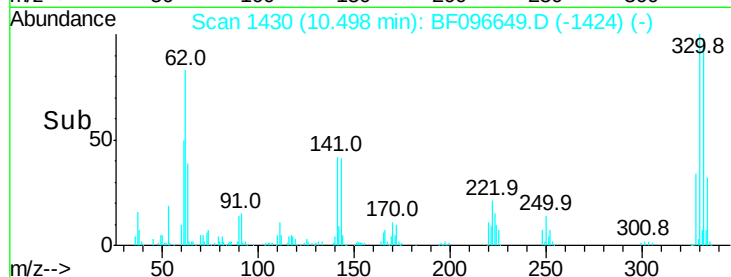
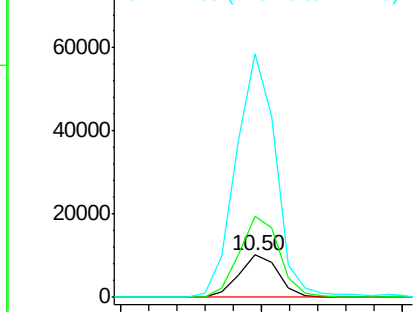
#66
4-Bromophenyl-phenylether
Concen: 3.289 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.26 min
Lab File: BF096649.D
Acq: 11 Jul 2017 17:29

Instrument :
BNA_F
ClientSampleId :
SB-5(8.0-8.5)

Tot Ion:248 Resp: 9727
Ion Ratio Lower Upper
248 100
250 194.3 76.8 115.2#
141 579.2 68.6 103.0#

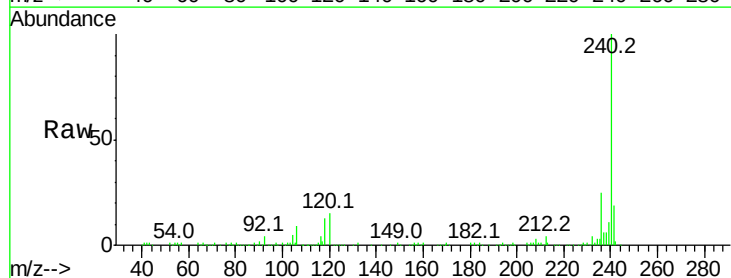


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

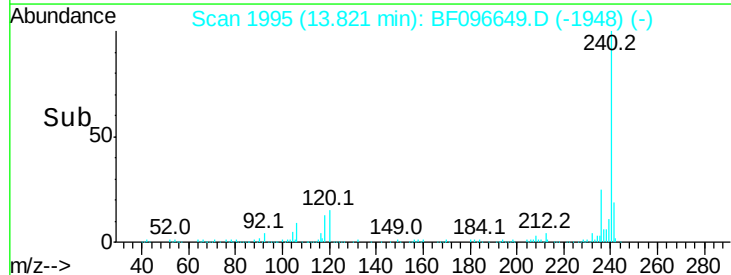
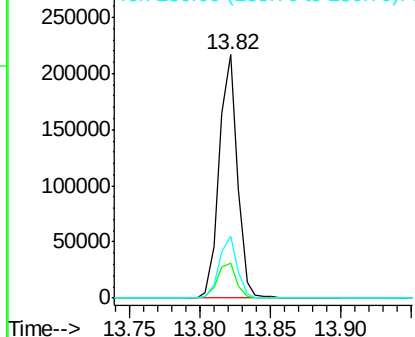


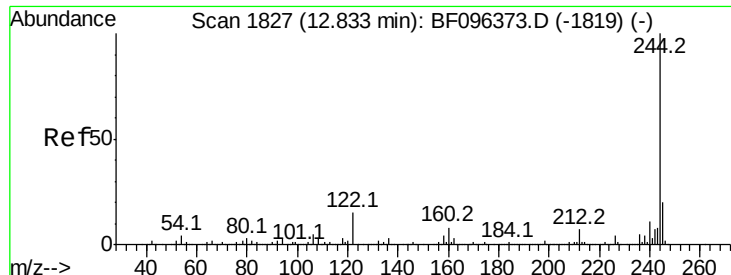
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF096649.D
Acq: 11 Jul 2017 17:29

Tgt Ion:240 Resp: 194094
Ion Ratio Lower Upper
240 100
120 14.6 5.8 8.8#
236 25.5 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: 52.162 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF096649.D

Acq: 11 Jul 2017 17:29

Instrument :

BNA_F

ClientSampleId :

SB-5(8.0-8.5)

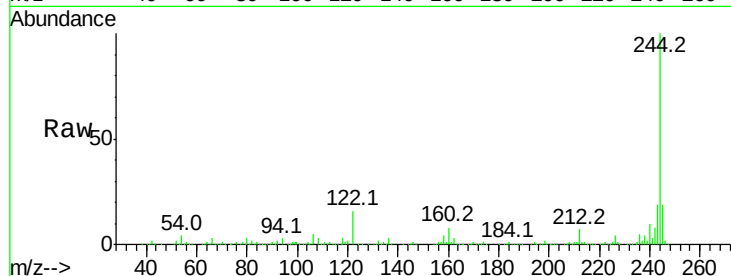
Tot Ion:244 Resp: 473796

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

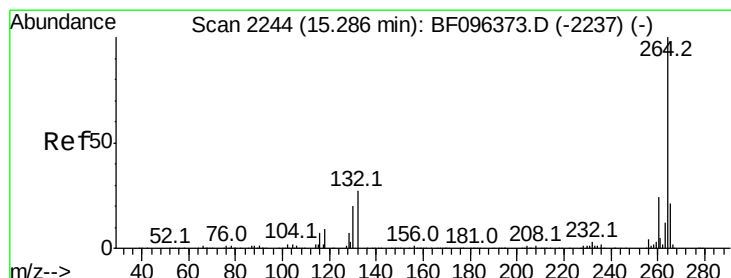
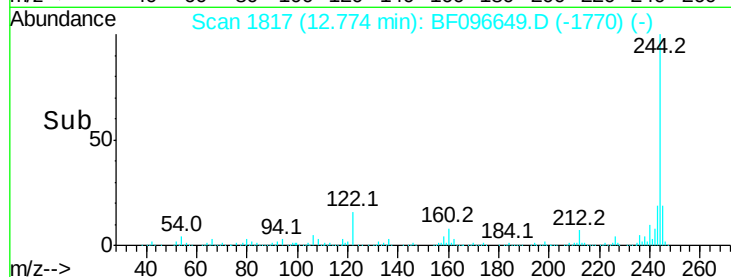
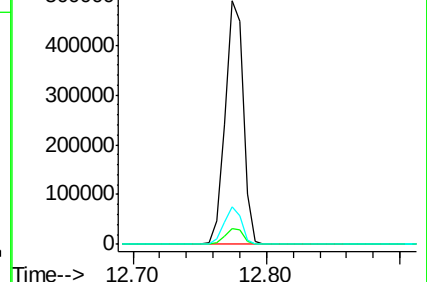
122 15.6 10.3 15.5#



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: 15.22 min Scan# 2233

Delta R.T. -0.02 min

Lab File: BF096649.D

Acq: 11 Jul 2017 17:29

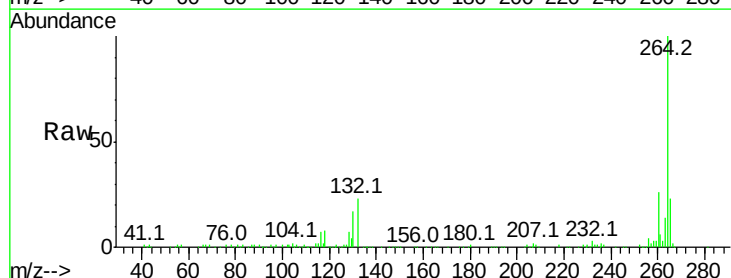
Tgt Ion:264 Resp: 194828

Ion Ratio Lower Upper

264 100

260 25.5 19.5 29.3

265 22.5 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

