

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097726.D
 Acq On : 16 Aug 2017 8:15
 Operator : SJ/JU
 Sample : I4703-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-G9-ESW

Quant Time: Aug 16 08:40:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

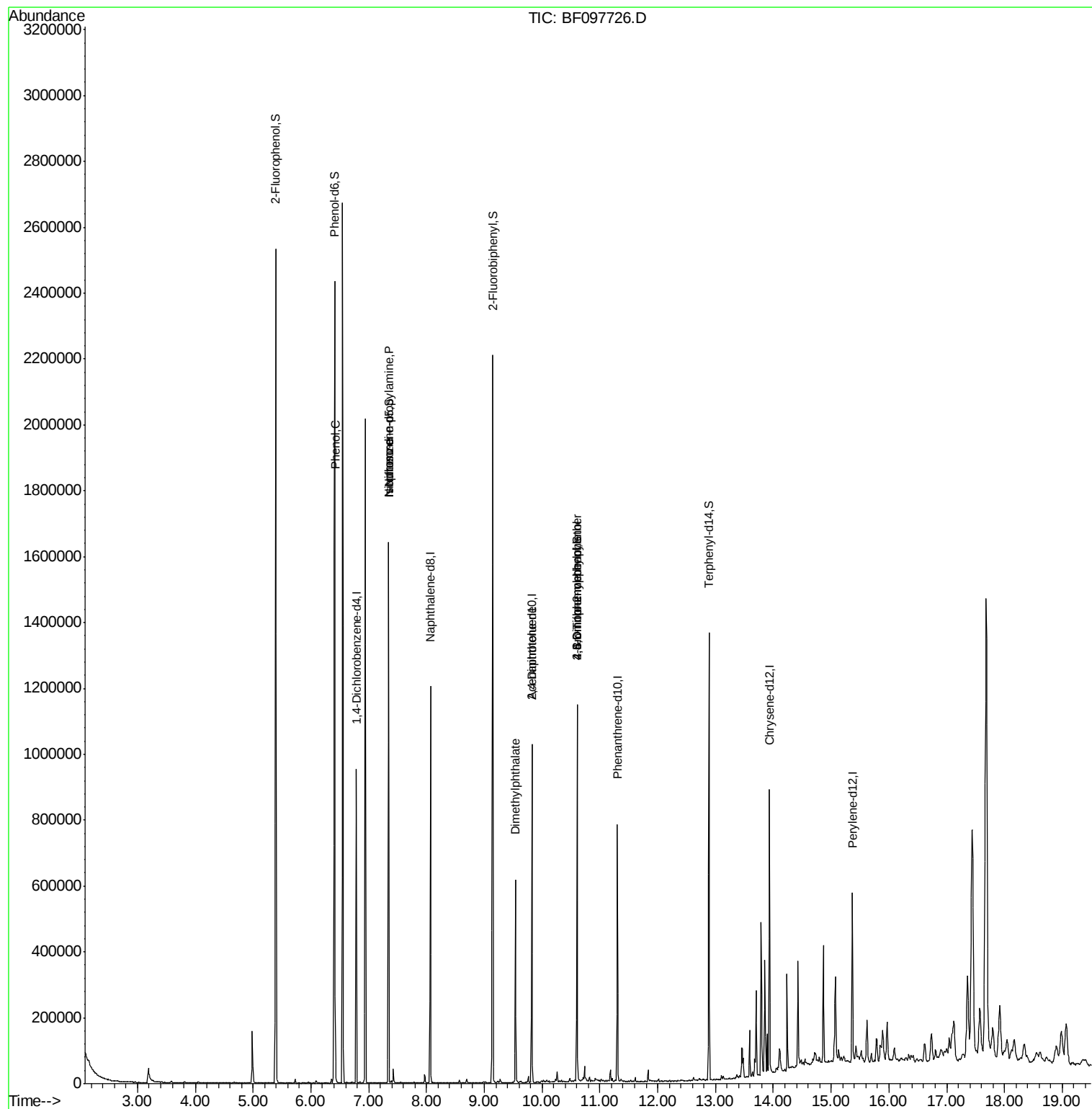
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	123179	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	466412	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	175169	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	265072	20.00	ng	0.00
75) Chrysene-d12	13.94	240	277605	20.00	ng	0.00
86) Perylene-d12	15.37	264	211351	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	682048	84.22	ng	0.00
7) Phenol-d6	6.41	99	891618	81.03	ng	0.00
23) Nitrobenzene-d5	7.35	82	519707	60.53	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	105073	69.13	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	596935	50.07	ng	0.00
78) Terphenyl-d14	12.89	244	372402	27.97	ng	0.00
Target Compounds						
10) Phenol	6.42	94	30108	2.34	ng	93
19) n-Nitroso-di-n-propylamine	7.35	70	70976	9.42	ng	# 72
25) Isophorone	7.35	82	519050	29.07	ng	# 67
49) Dimethylphthalate	9.54	163	201482	15.74	ng	98
56) 2,4-Dinitrotoluene	9.82	165	21806	6.80	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.60	198	121	8.40	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	7134	2.59	ng	# 1

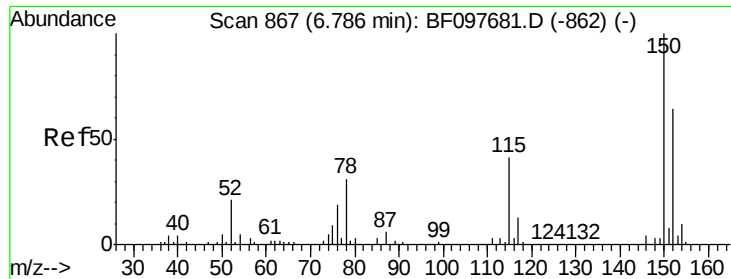
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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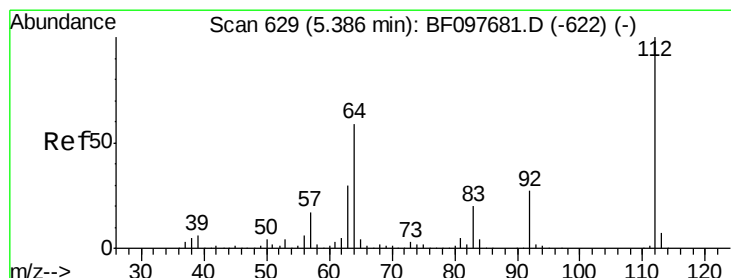
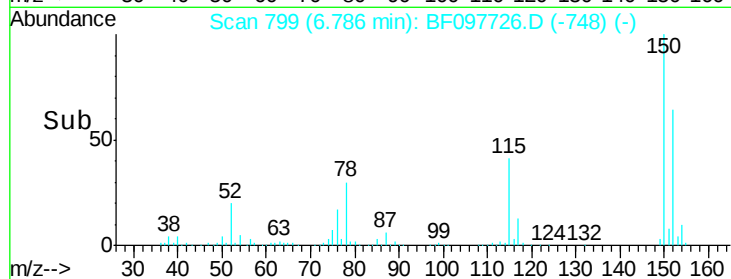
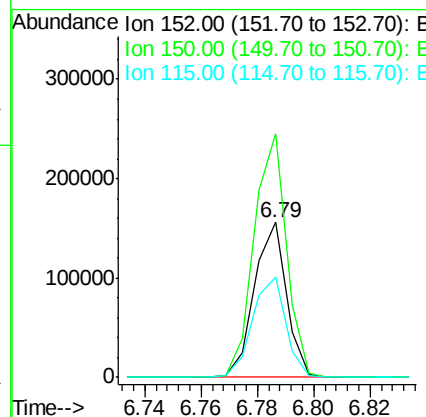
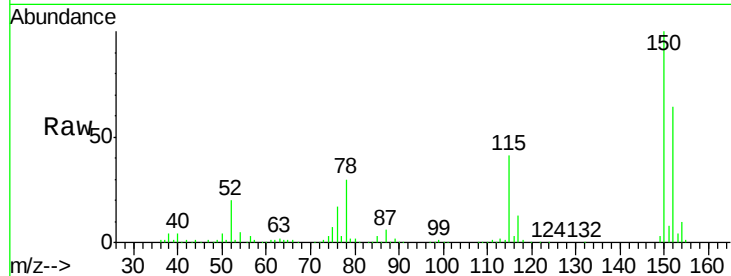




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF097726.D
 Acq: 16 Aug 2017 8:15

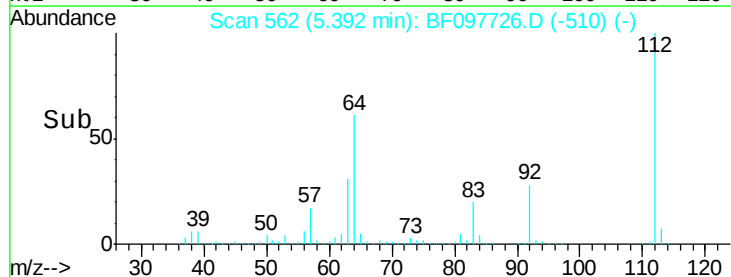
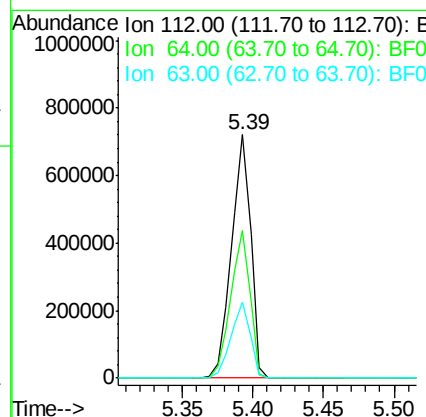
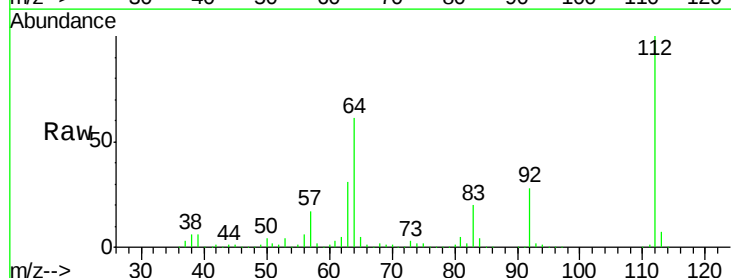
Instrument :
 BNA_F
 ClientSampleId :
 E2-G9-ESW

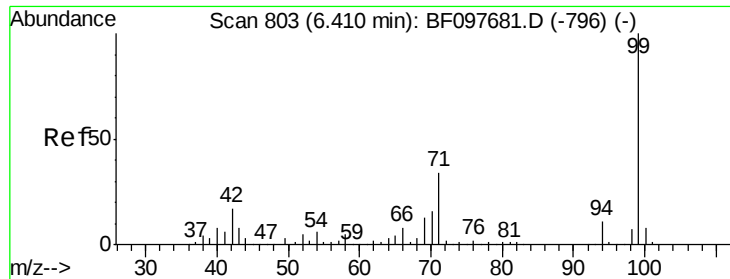
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.2	189.2
115	64.5	52.2	78.2



#5
 2-Fluorophenol
 Concen: 84.22 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF097726.D
 Acq: 16 Aug 2017 8:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	46.0	69.0
63	31.1	23.4	35.0





#7

Phenol-d6

Concen: 81.03 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097726.D

Acq: 16 Aug 2017 8:15

Instrument :

BNA_F

ClientSampleId :

E2-G9-ESW

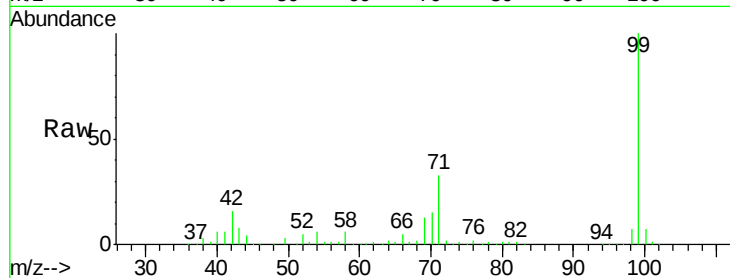
Tot Ion: 99 Resp: 891618

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

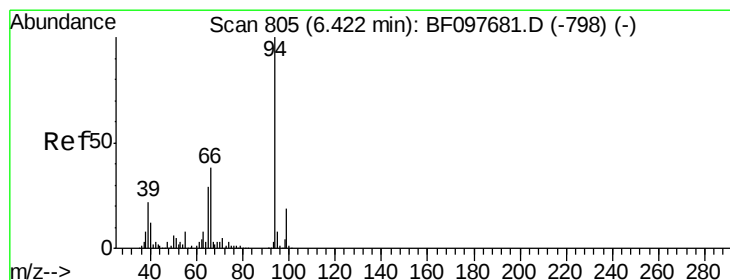
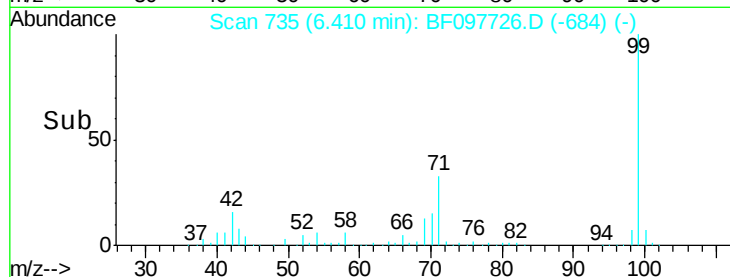
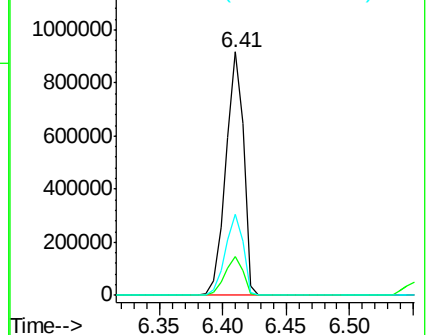
71 33.5 24.5 36.7



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: 2.34 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF097726.D

Acq: 16 Aug 2017 8:15

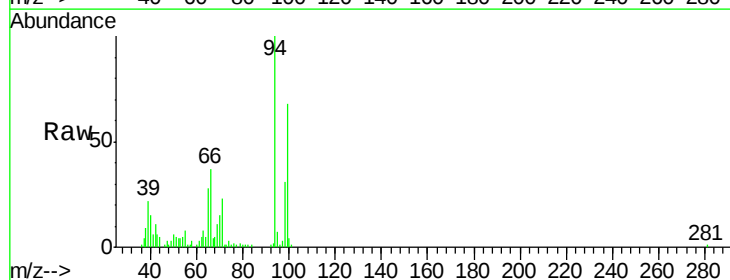
Tgt Ion: 94 Resp: 30108

Ion Ratio Lower Upper

94 100

65 27.6 9.9 49.9

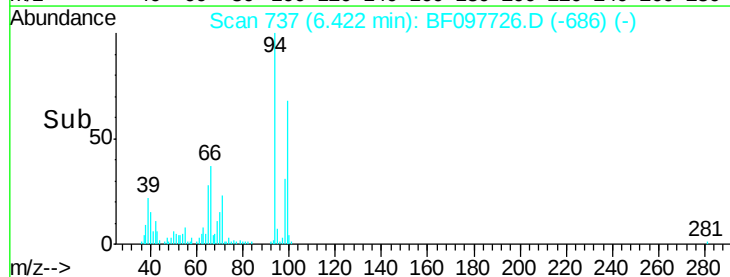
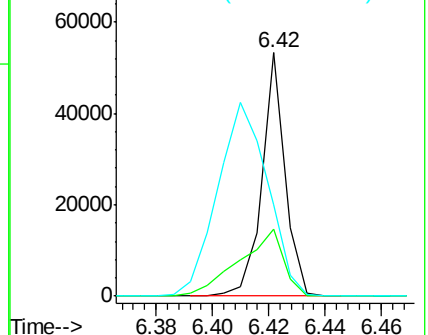
66 37.5 23.1 63.1

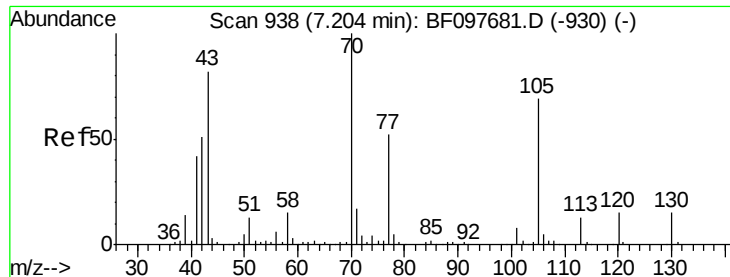


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

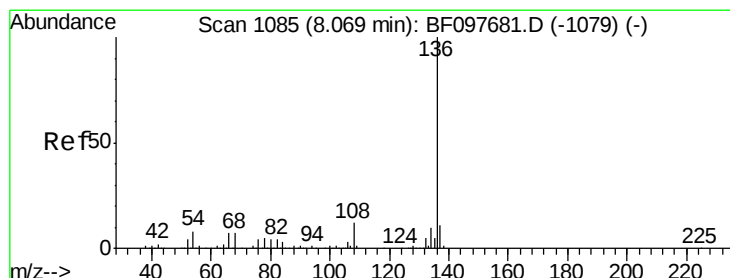
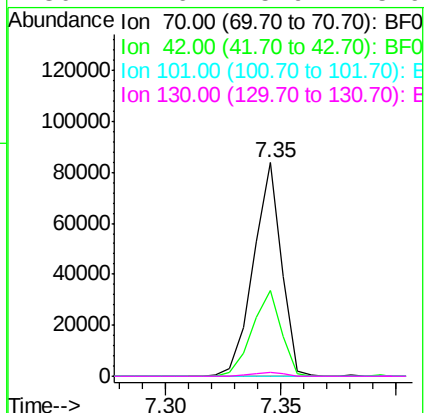
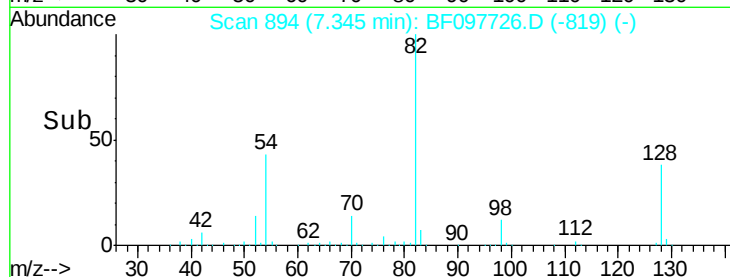
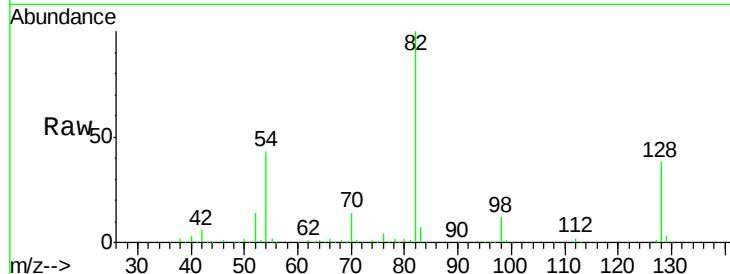




#19
n-Nitroso-di-n-propylamine
Concen: 9.42 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF097726.D
Acq: 16 Aug 2017 8:15

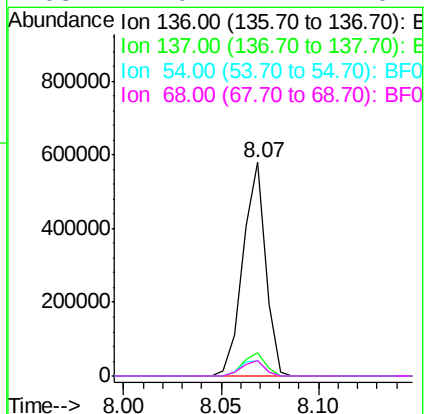
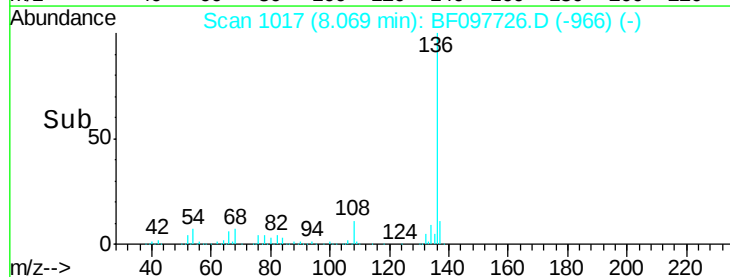
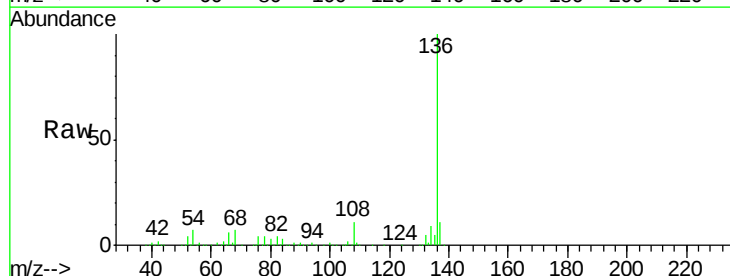
Instrument :
BNA_F
ClientSampleId :
E2-G9-ESW

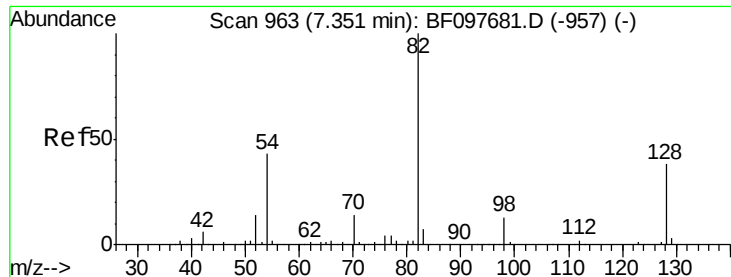
Tot Ion: 70 Resp: 70976
Ion Ratio Lower Upper
70 100
42 40.4 47.2 70.8#
101 0.0 7.2 10.8#
130 1.6 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF097726.D
Acq: 16 Aug 2017 8:15

Tgt Ion: 136 Resp: 466412
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 7.4 4.9 7.3#
68 7.0 4.1 6.1#

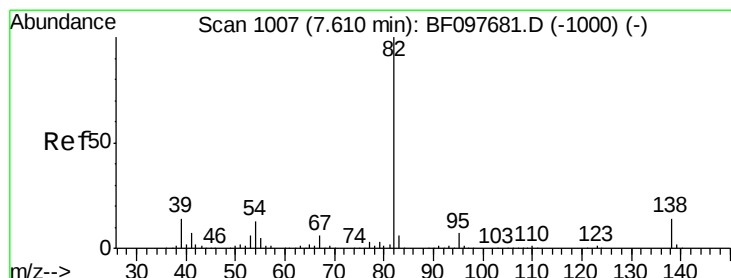
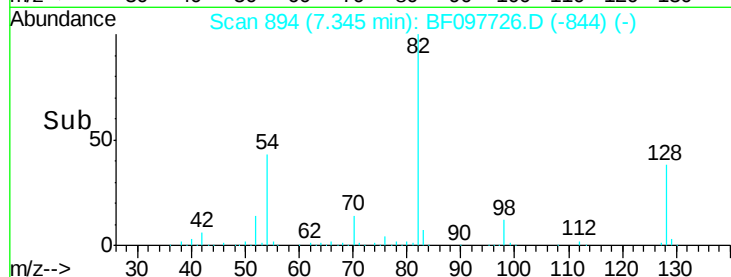
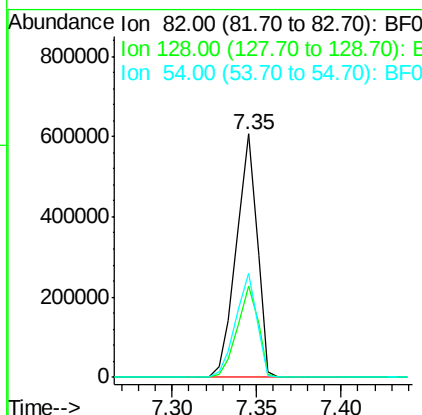
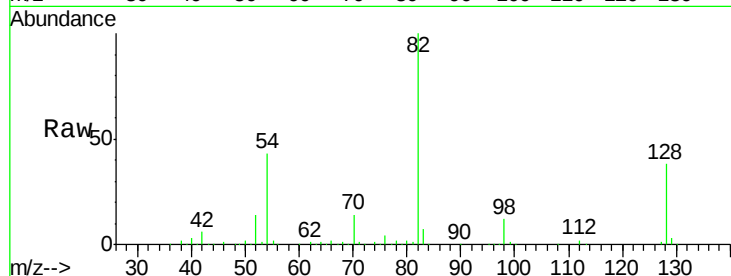




#23
Nitrobenzene-d5
Concen: 60.53 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097726.D
Acq: 16 Aug 2017 8:15

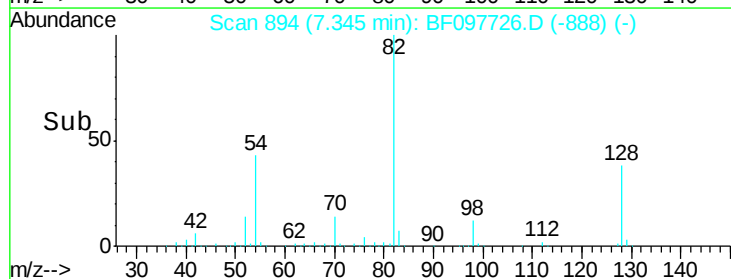
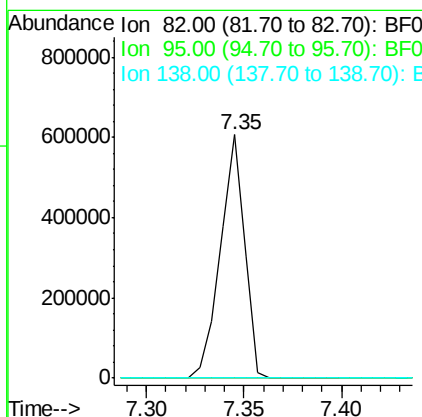
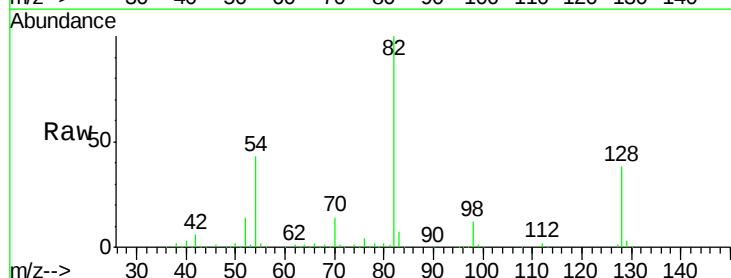
Instrument :
BNA_F
ClientSampleId :
E2-G9-ESW

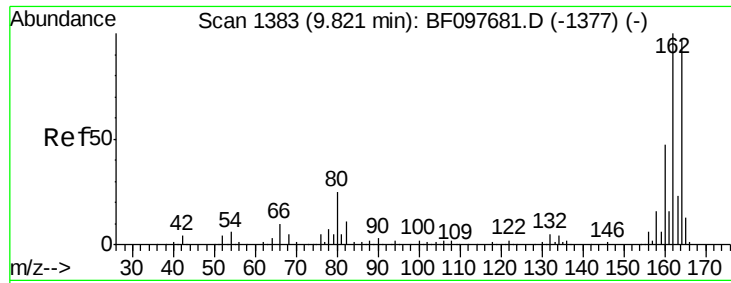
Tot Ion	82	Resp	519707
Ion Ratio	100	Lower	Upper
128	37.6	34.0	51.0
54	42.6	42.2	63.2



#25
Isophorone
Concen: 29.07 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BF097726.D
Acq: 16 Aug 2017 8:15

Tgt Ion	82	Resp	519050
Ion Ratio	100	Lower	Upper
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#

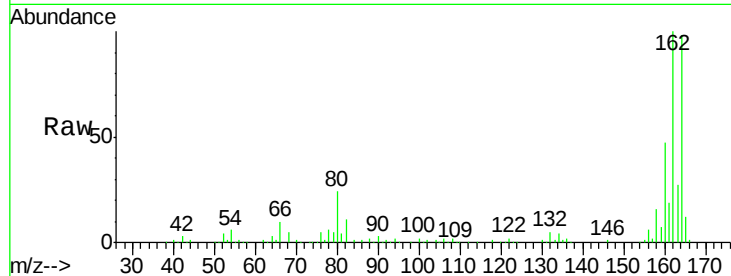




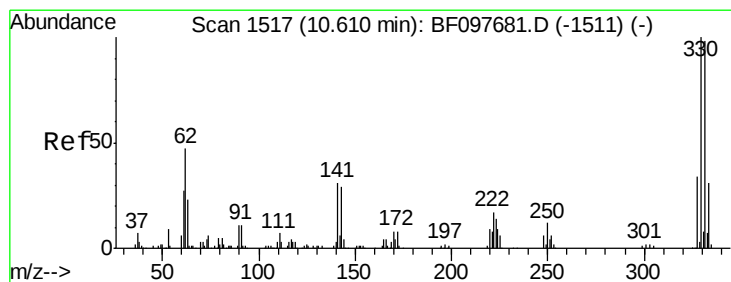
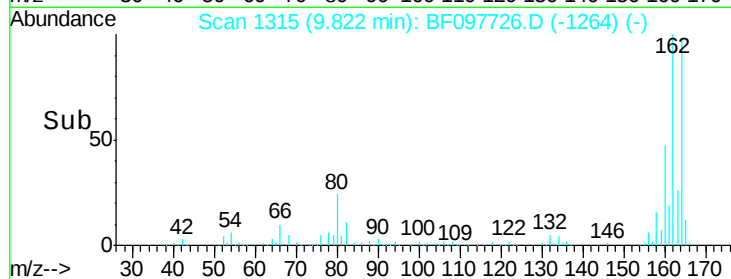
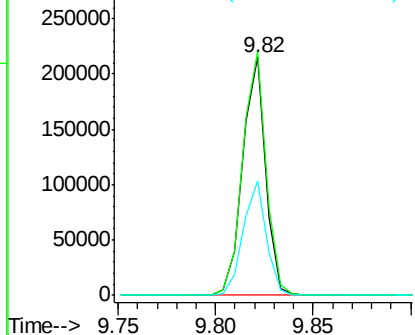
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF097726.D
Acq: 16 Aug 2017 8:15

Instrument :
BNA_F
ClientSampleId :
E2-G9-ESW

Tot Ion:164 Resp: 175169
Ion Ratio Lower Upper
164 100
162 102.1 82.6 123.8
160 47.9 36.2 54.2

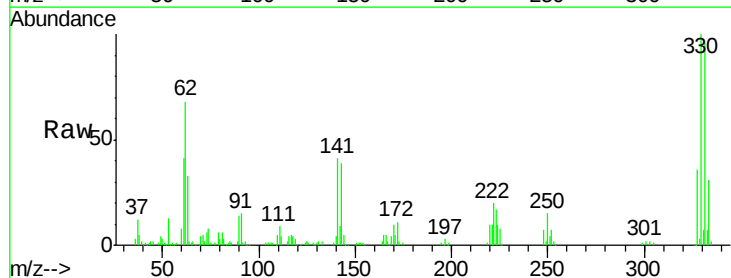


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

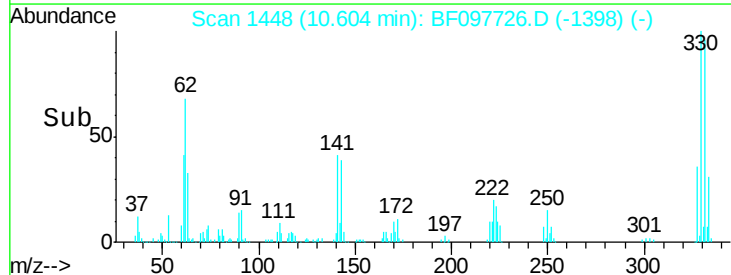
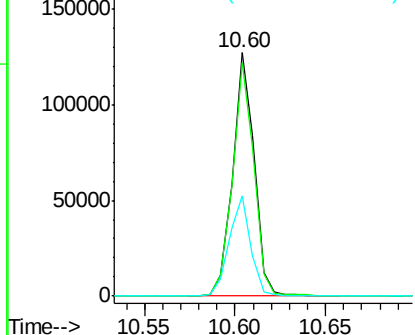


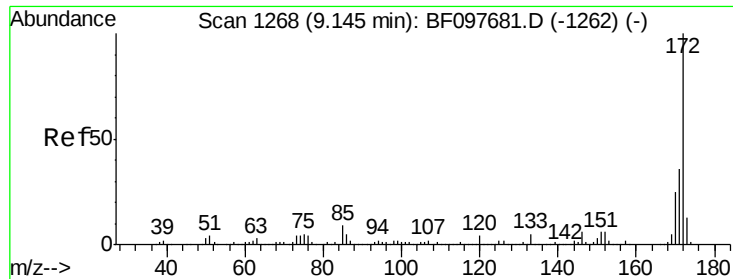
#41
2,4,6-Tribromophenol
Concen: 69.13 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF097726.D
Acq: 16 Aug 2017 8:15

Tgt Ion:330 Resp: 105073
Ion Ratio Lower Upper
330 100
332 95.8 76.6 115.0
141 41.3 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

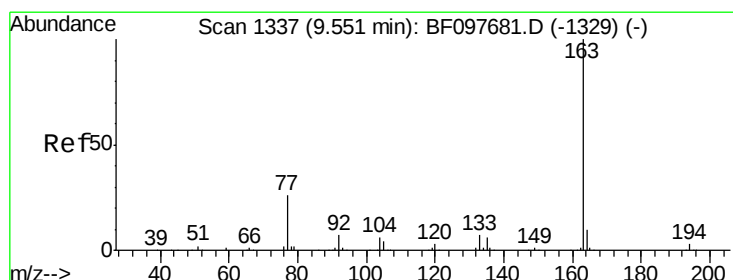
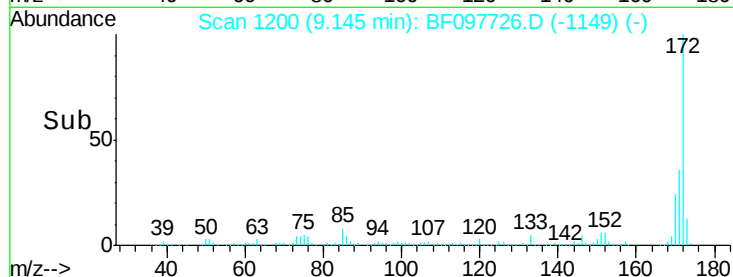
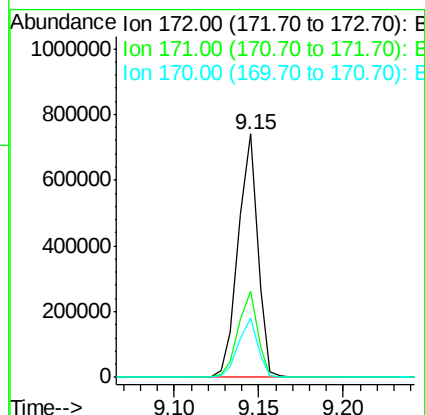
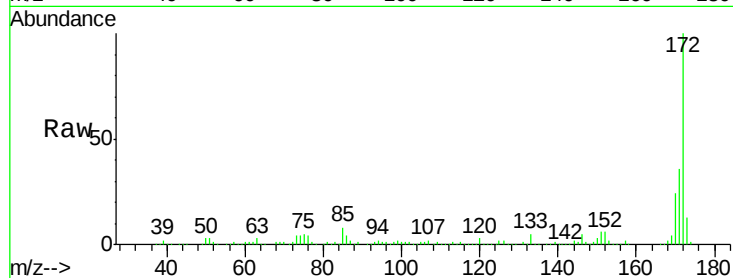




#44
 2-Fluorobiphenyl
 Concen: 50.07 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF097726.D
 Acq: 16 Aug 2017 8:15

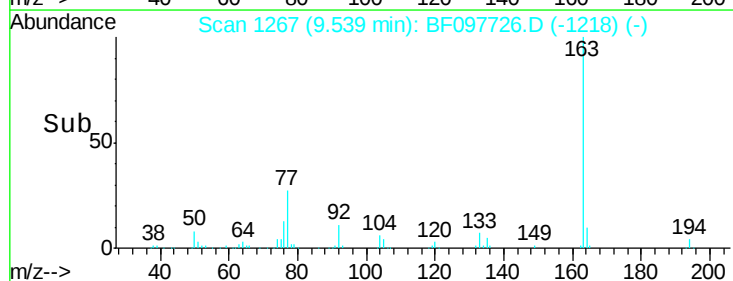
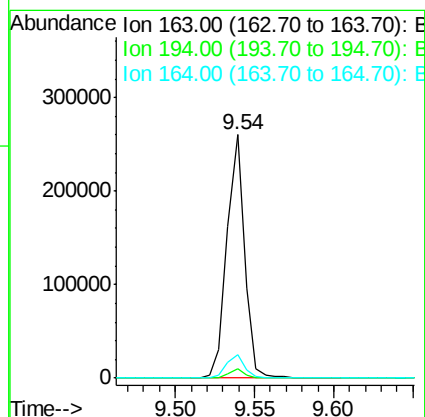
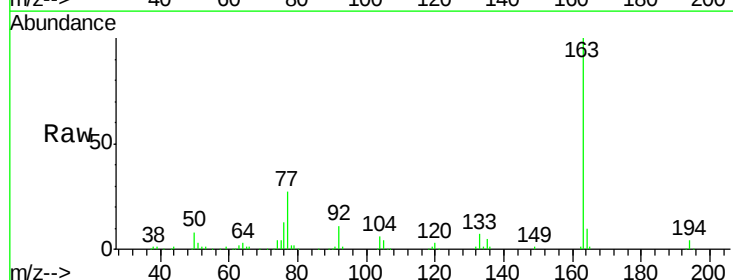
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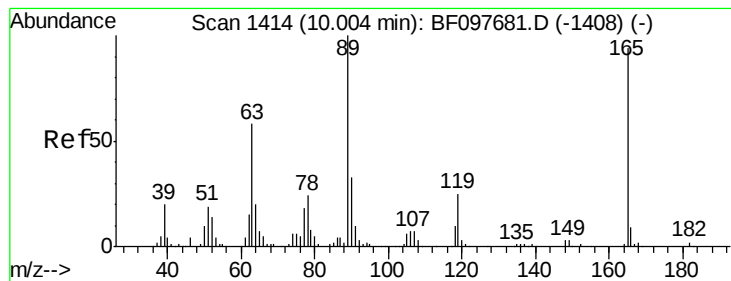
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.3	19.8	29.8



#49
 Dimethylphthalate
 Concen: 15.74 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF097726.D
 Acq: 16 Aug 2017 8:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	9.7	8.4	12.6





#56

2,4-Dinitrotoluene

Concen: 6.80 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.18 min

Lab File: BF097726.D

Acq: 16 Aug 2017 8:15

Instrument :

BNA_F

ClientSampleId :

E2-G9-ESW

Tot Ion:165 Resp: 21806

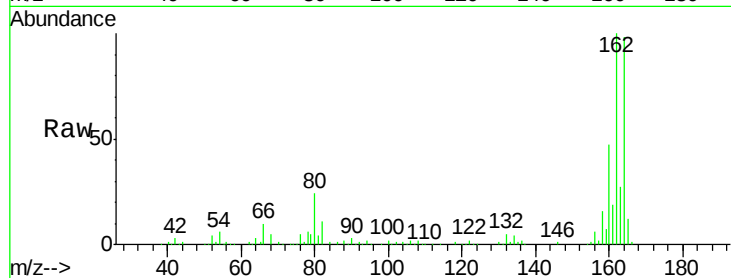
Ion Ratio Lower Upper

165 100

63 1.5 25.4 38.0#

89 2.0 46.4 69.6#

182 0.0 1.8 2.6#

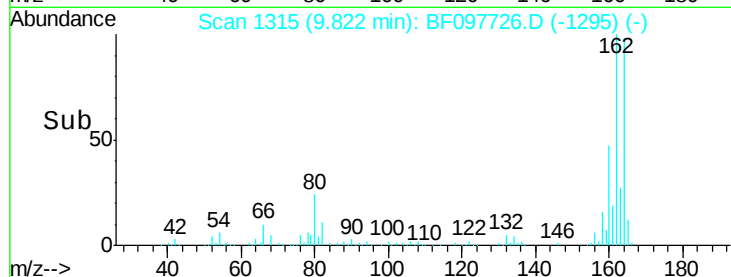


Abundance Ion 165.00 (164.70 to 165.70): E

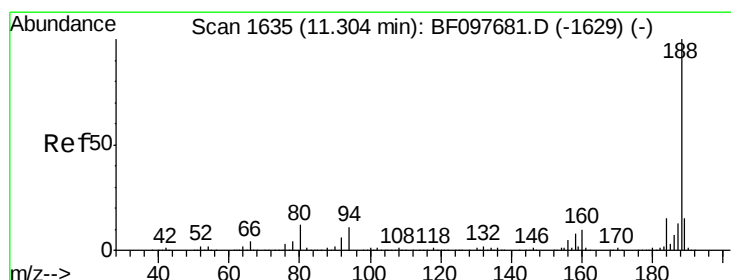
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BF097726.D

Acq: 16 Aug 2017 8:15

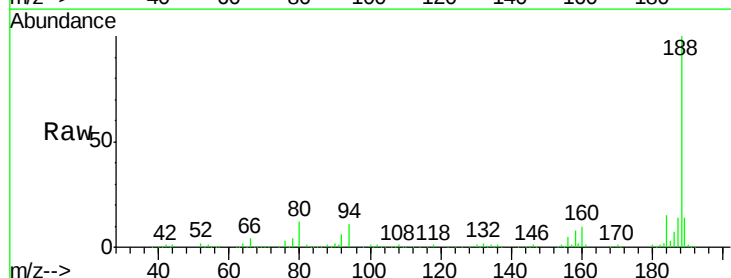
Tgt Ion:188 Resp: 265072

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

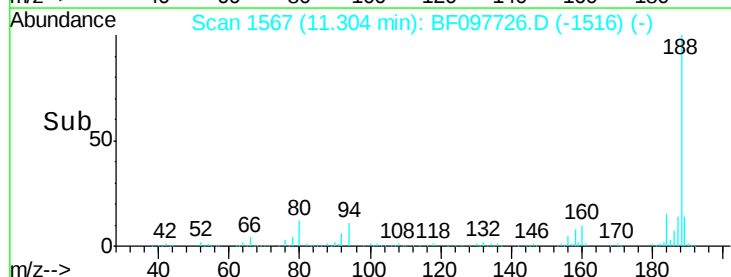
80 11.5 10.2 15.2



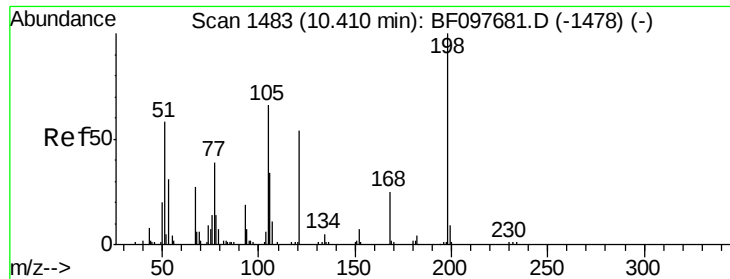
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



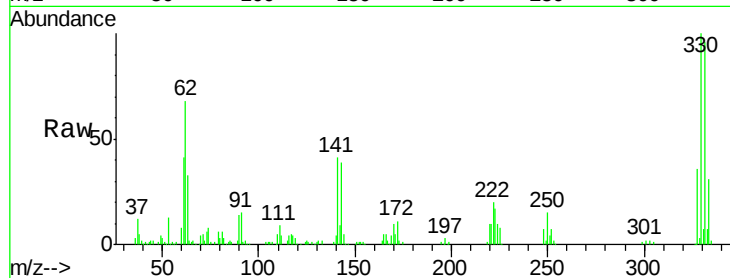
Time-->



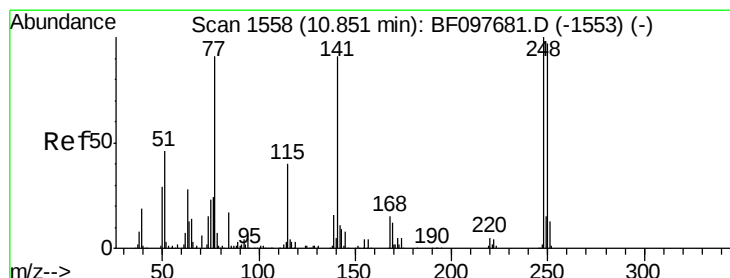
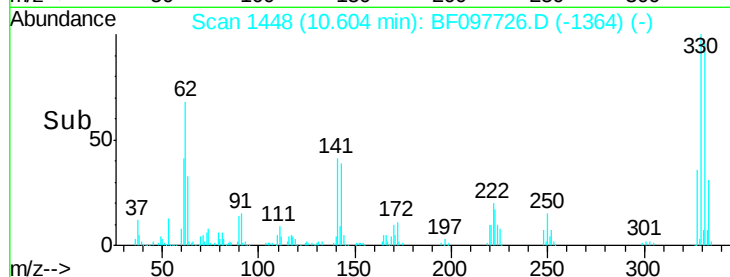
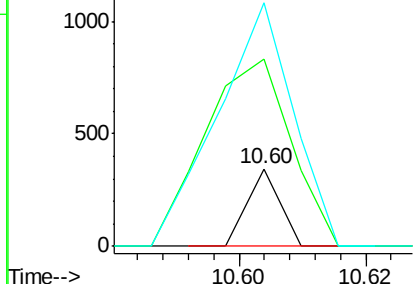
#64
4,6-Dinitro-2-methylphenol
Concen: 8.40 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.19 min
Lab File: BF097726.D
Acq: 16 Aug 2017 8:15

Instrument :
BNA_F
ClientSampleId :
E2-G9-ESW

Tot Ion:198 Resp: 121
Ion Ratio Lower Upper
198 100
51 242.4 53.2 93.2#
105 314.5 45.8 85.8#

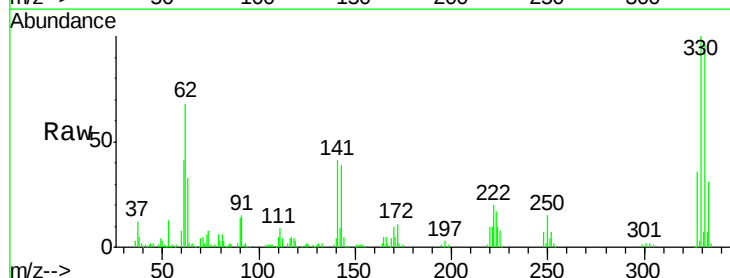


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

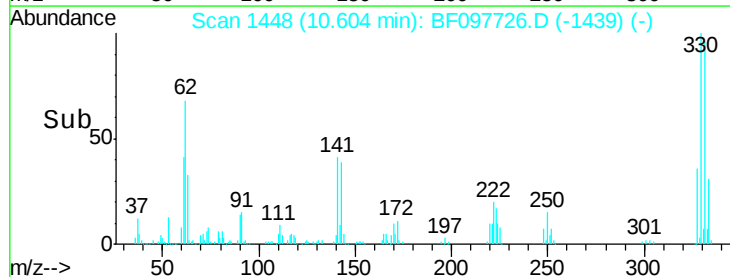
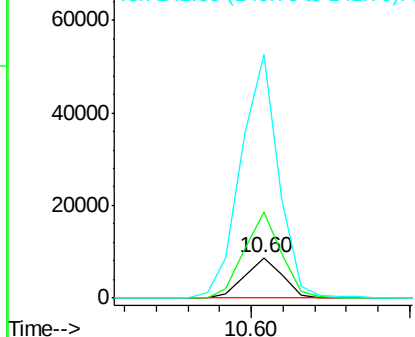


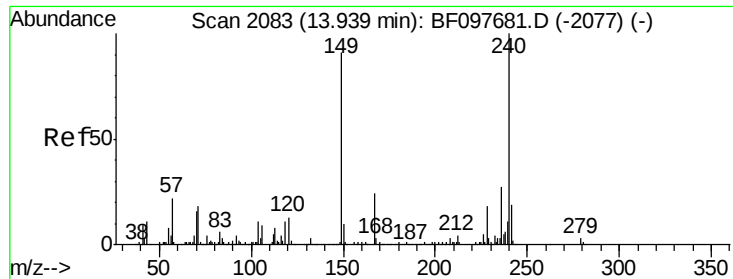
#66
4-Bromophenyl-phenylether
Concen: 2.59 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF097726.D
Acq: 16 Aug 2017 8:15

Tgt Ion:248 Resp: 7134
Ion Ratio Lower Upper
248 100
250 211.7 76.8 115.2#
141 599.1 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: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF097726.D

Acq: 16 Aug 2017 8:15

Instrument :

BNA_F

ClientSampleId :

E2-G9-ESW

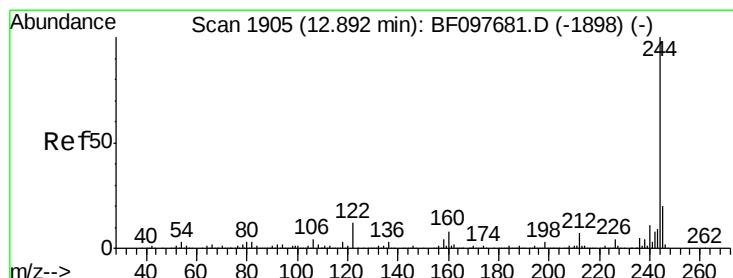
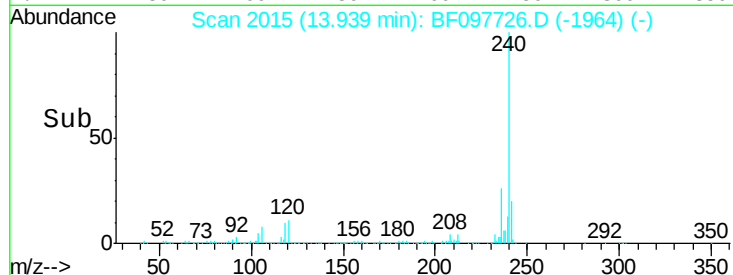
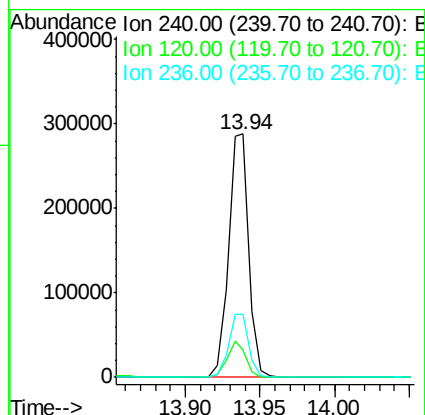
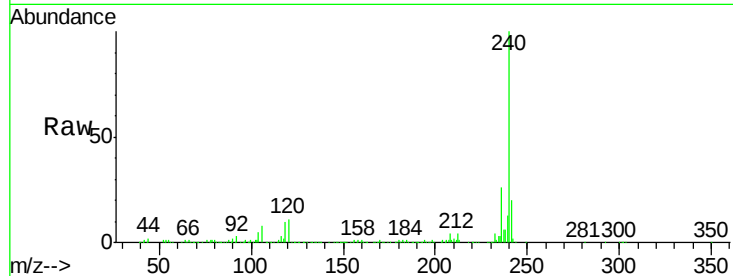
Tot Ion:240 Resp: 277605

Ion Ratio Lower Upper

240 100

120 11.4 5.8 8.8#

236 26.2 20.5 30.7



#78

Terphenyl-d14

Concen: 27.97 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097726.D

Acq: 16 Aug 2017 8:15

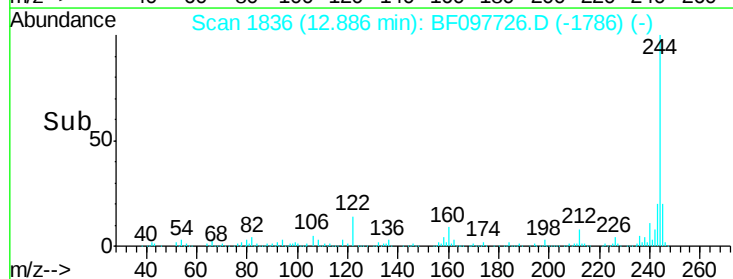
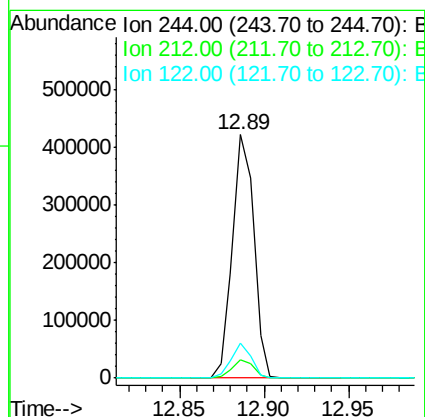
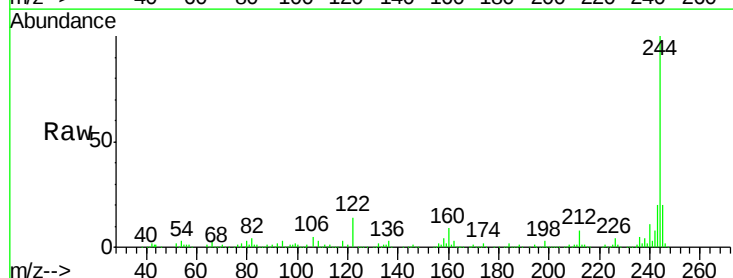
Tgt Ion:244 Resp: 372402

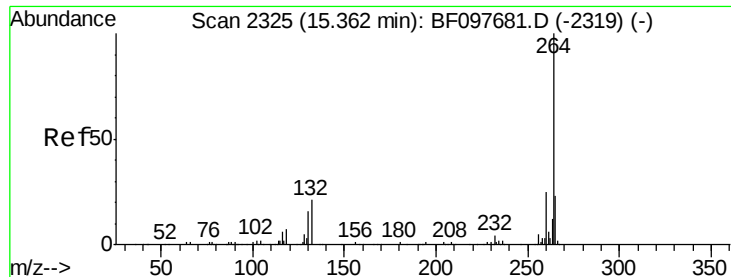
Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 14.2 10.3 15.5





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 2258
 Delta R.T. 0.01 min
 Lab File: BF097726.D
 Acq: 16 Aug 2017 8:15

Instrument :
 BNA_F
 ClientSampleId :
 E2-G9-ESW

Tot Ion:	264	Resp:	211351
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	20.6	17.2	25.8

