

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097794.D
 Acq On : 17 Aug 2017 19:02
 Operator : SJ/JU
 Sample : I4821-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-009-B

Quant Time: Aug 18 01:31:19 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

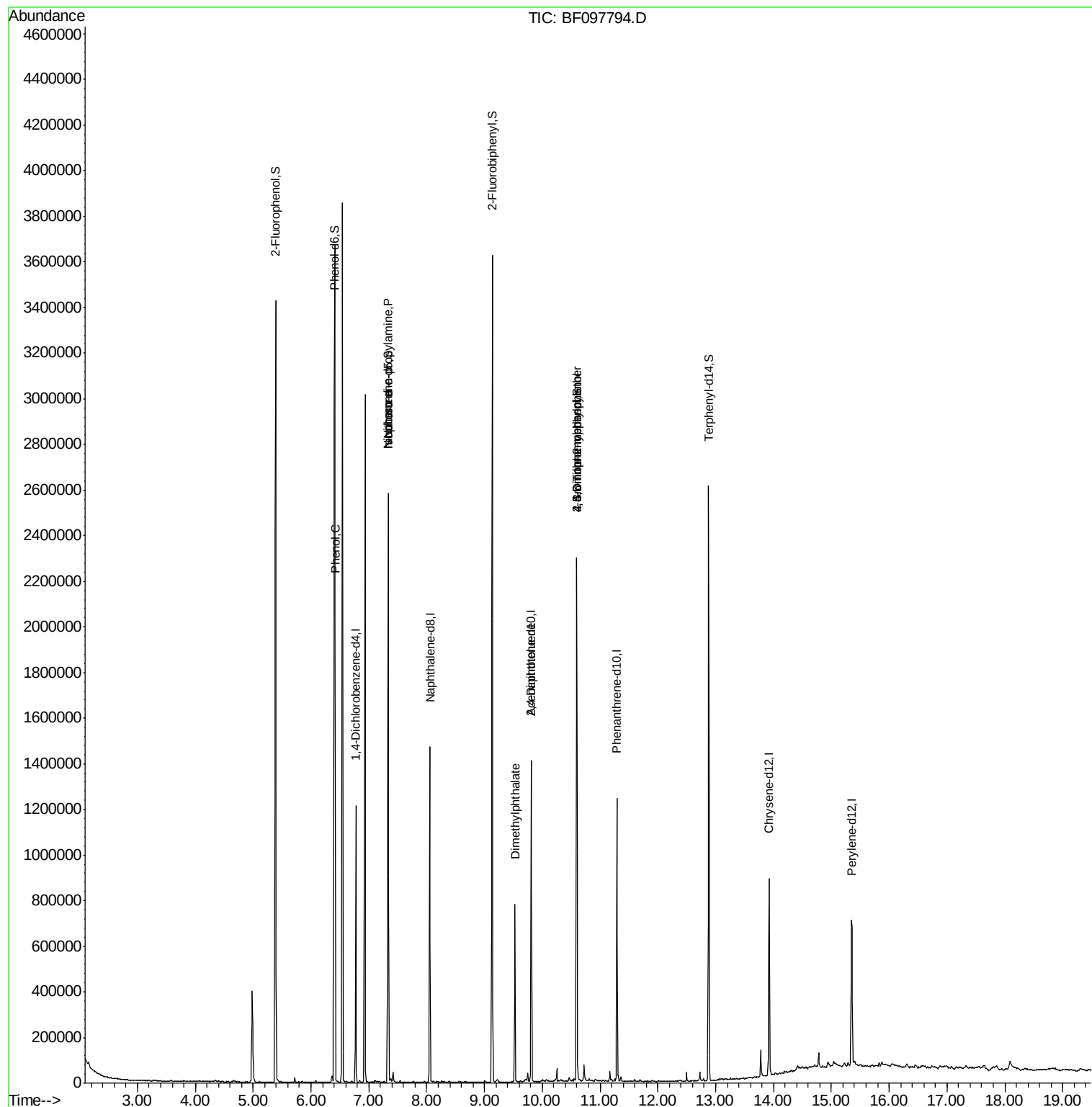
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	147064	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	575665	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	236224	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	392172	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	286414	20.00	ng	-0.02
86) Perylene-d12	15.35	264	275759	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1151740	119.12	ng	0.00
7) Phenol-d6	6.41	99	1549773	117.97	ng	0.00
23) Nitrobenzene-d5	7.34	82	954883	90.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	256829	125.31	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1170950	72.83	ng	-0.01
78) Terphenyl-d14	12.88	244	735577	53.56	ng	-0.01
Target Compounds						
10) Phenol	6.42	94	60012	3.91	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.34	70	131132	14.58	ng	# 73
25) Isophorone	7.34	82	952070	43.21	ng	# 67
49) Dimethylphthalate	9.53	163	257249	14.90	ng	99
56) 2,4-Dinitrotoluene	9.81	165	29838	6.90	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.59	198	584	8.58	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	16577	4.07	ng	# 1

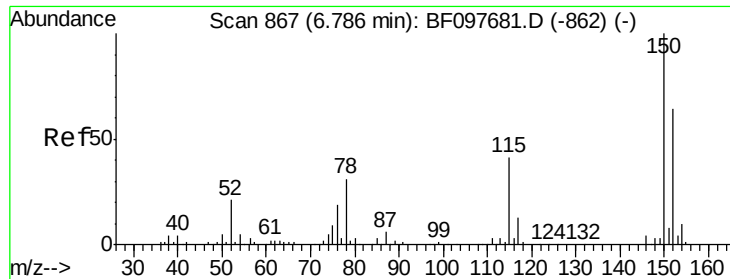
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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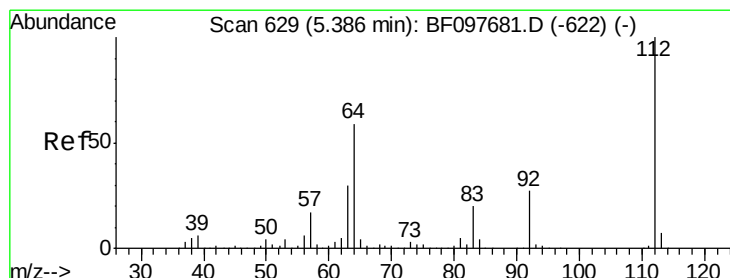
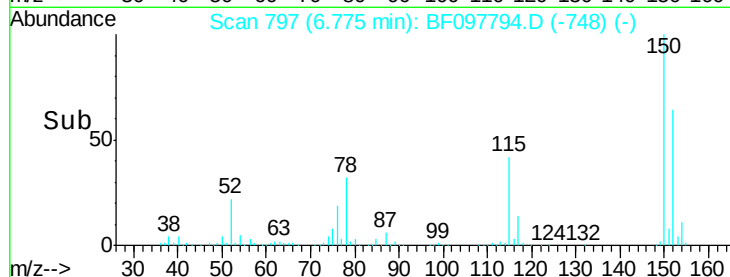
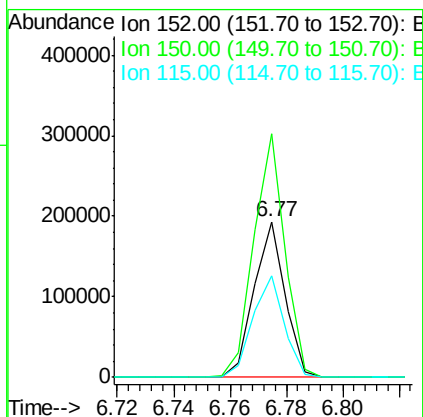
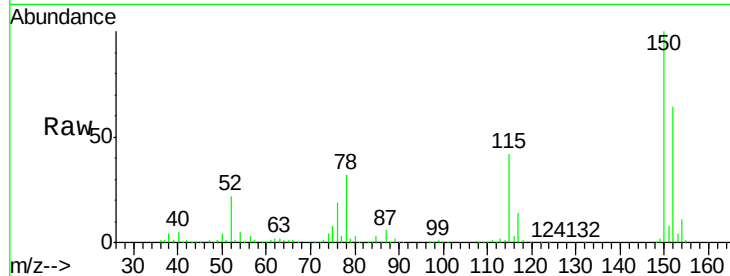


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097794.D
Acq: 17 Aug 2017 19:02

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-009-B

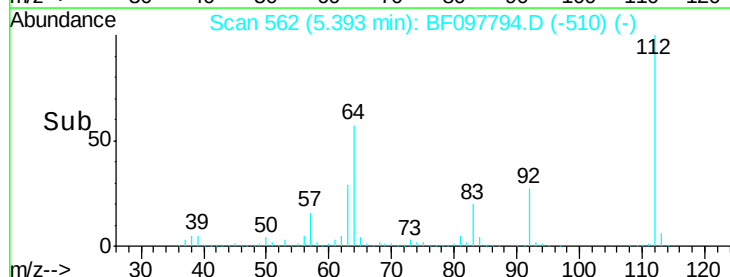
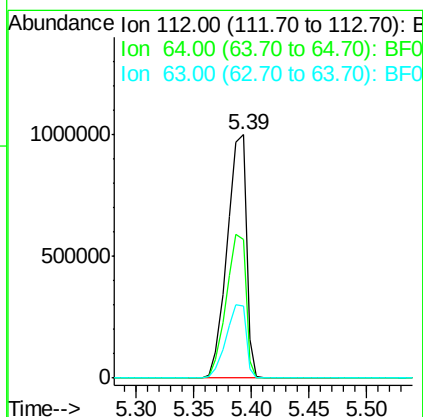
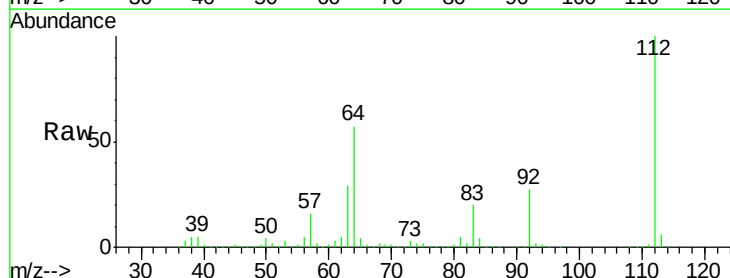
Tot Ion:152 Resp: 147064
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 65.1 52.2 78.2

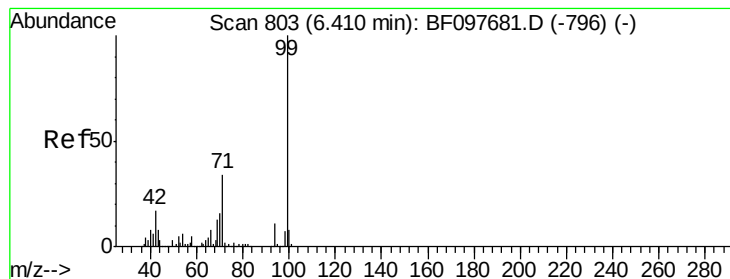


#5

2-Fluorophenol
Concen: 119.12 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF097794.D
Acq: 17 Aug 2017 19:02

Tgt Ion:112 Resp: 1151740
Ion Ratio Lower Upper
112 100
64 56.7 46.0 69.0
63 29.5 23.4 35.0





#7

Phenol-d6

Concen: 117.97 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097794.D

Acq: 17 Aug 2017 19:02

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-009-B

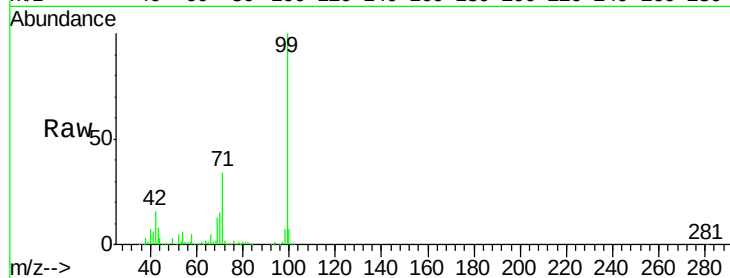
Tot Ion: 99 Resp: 1549773

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

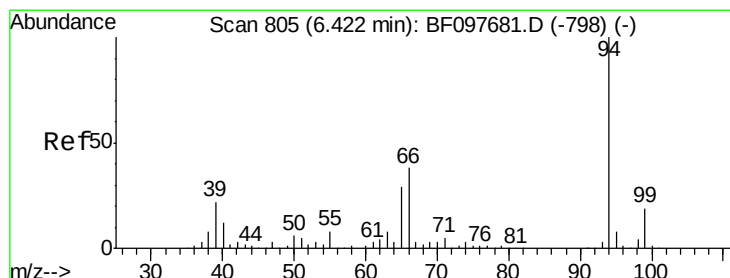
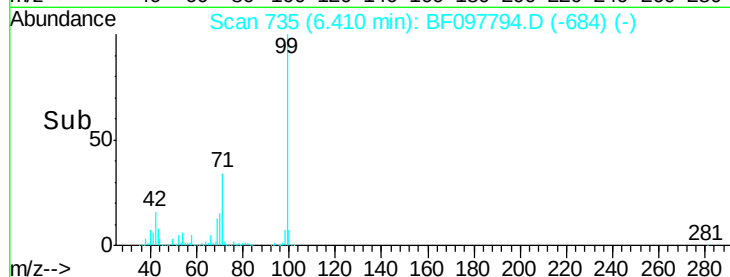
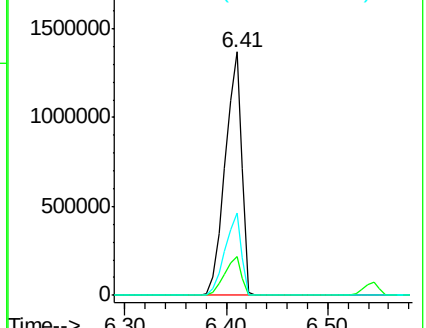
71 33.8 24.5 36.7



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



#10

Phenol

Concen: 3.91 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF097794.D

Acq: 17 Aug 2017 19:02

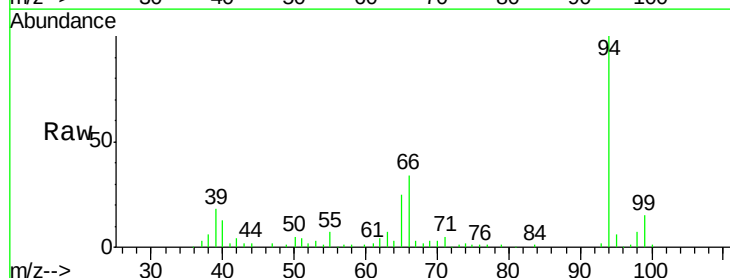
Tgt Ion: 94 Resp: 60012

Ion Ratio Lower Upper

94 100

65 25.4 9.9 49.9

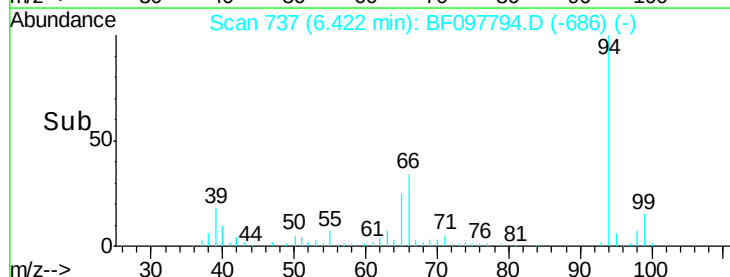
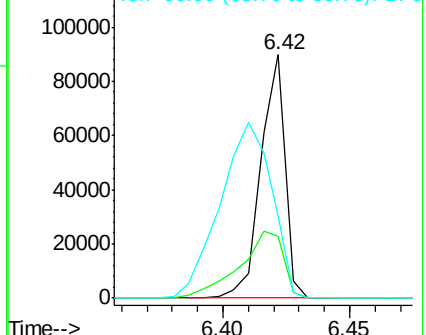
66 33.9 23.1 63.1

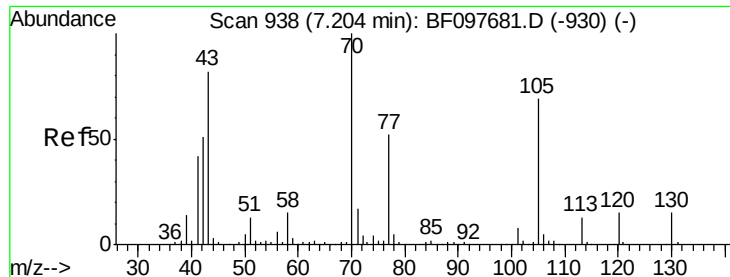


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

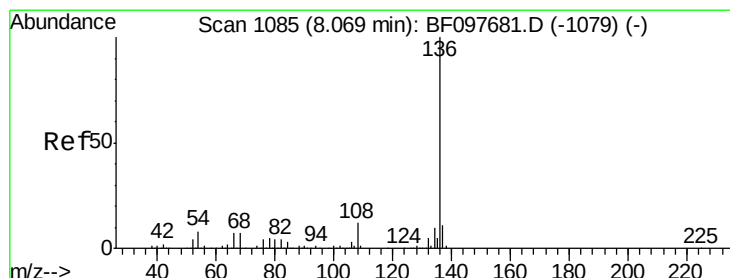
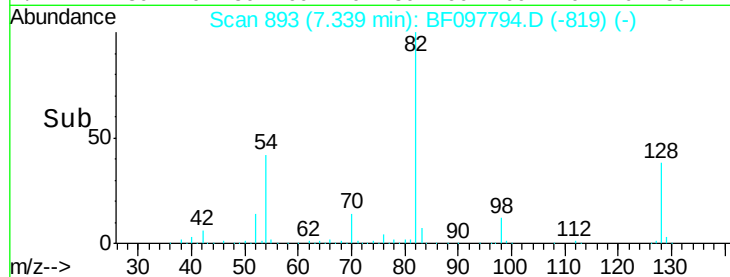
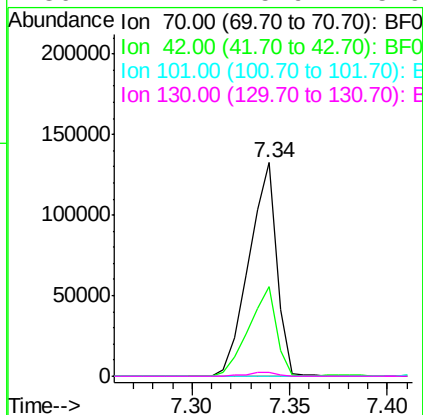
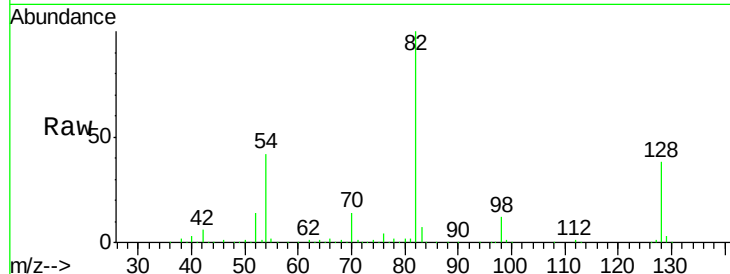




#19
n-Nitroso-di-n-propylamine
Concen: 14.58 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.14 min
Lab File: BF097794.D
Acq: 17 Aug 2017 19:02

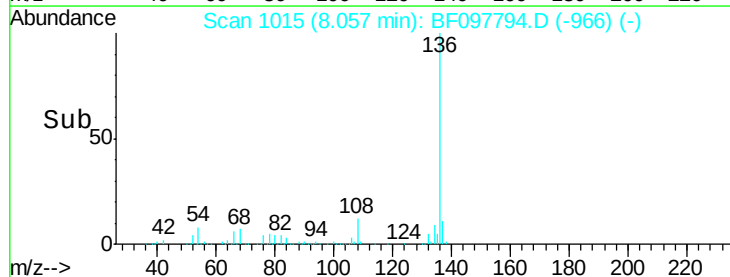
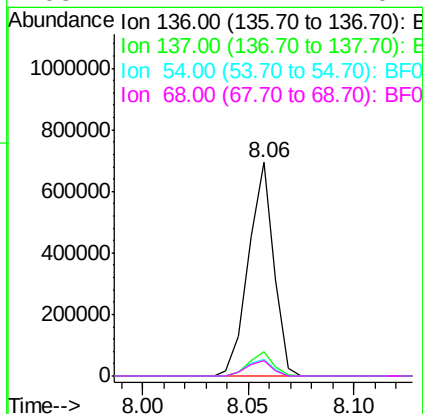
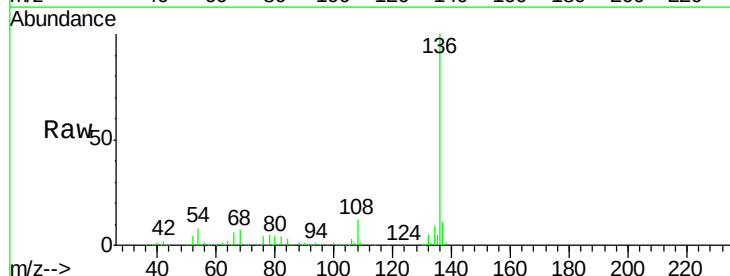
Instrument :
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ClientSampleId :
FK-GF-02-009-B

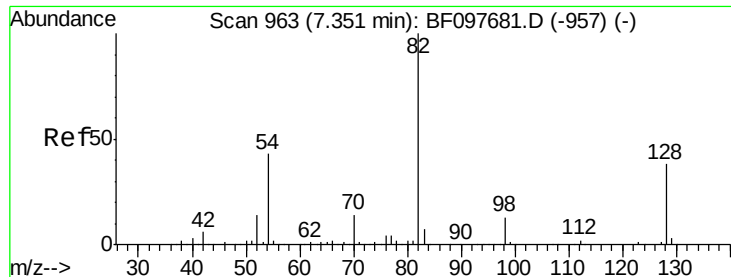
Tot Ion	Ratio	Lower	Upper
70	100		
42	41.7	47.2	70.8#
101	0.0	7.2	10.8#
130	1.7	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF097794.D
Acq: 17 Aug 2017 19:02

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.7	4.9	7.3#
68	7.2	4.1	6.1#

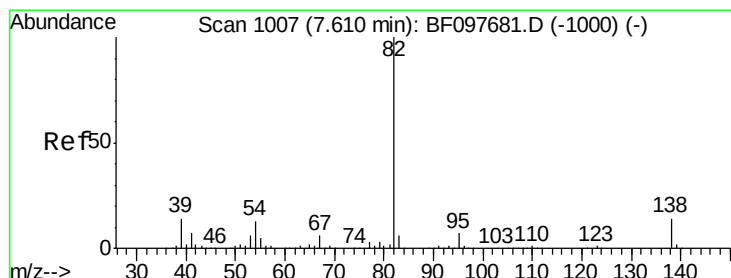
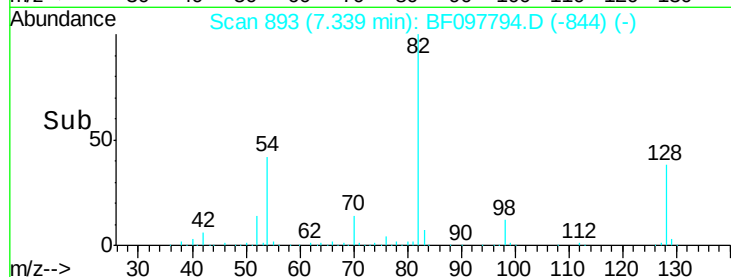
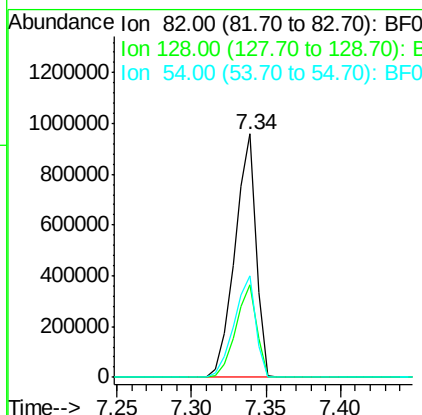
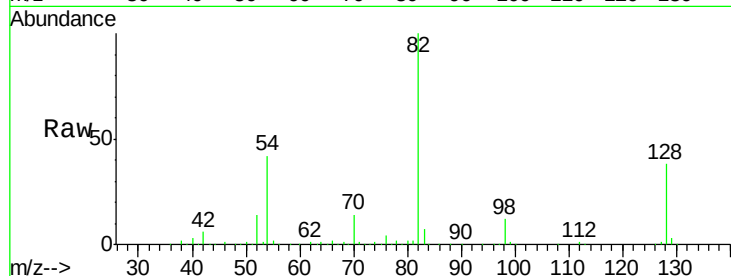




#23
 Nitrobenzene-d5
 Concen: 90.11 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF097794.D
 Acq: 17 Aug 2017 19:02

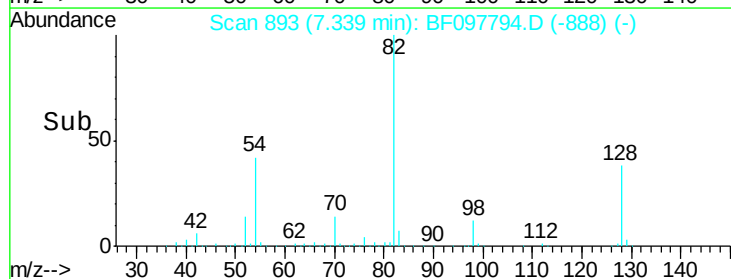
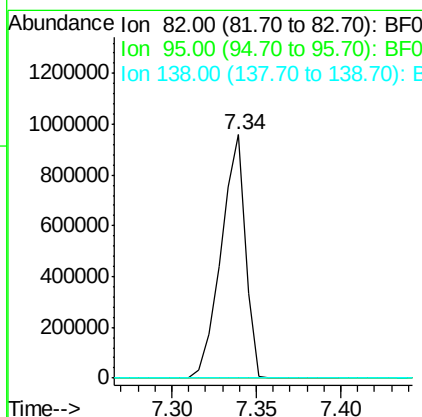
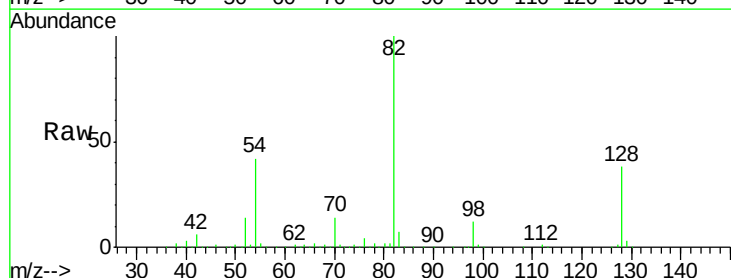
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-009-B

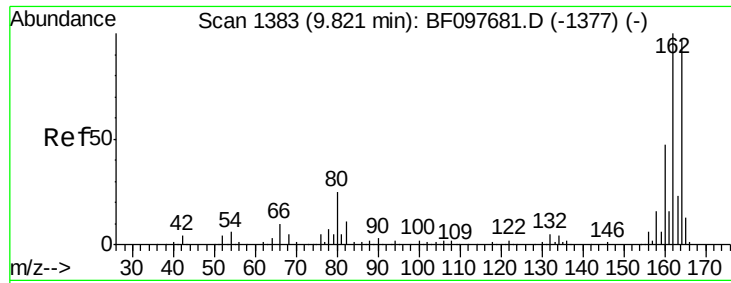
Tot Ion	82	Resp	954883
Ion Ratio	Lower	Upper	
82	100		
128	38.3	34.0	51.0
54	41.9	42.2	63.2#



#25
 Isophorone
 Concen: 43.21 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.27 min
 Lab File: BF097794.D
 Acq: 17 Aug 2017 19:02

Tgt Ion	82	Resp	952070
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

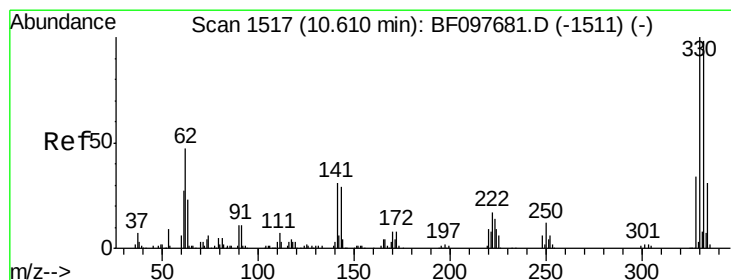
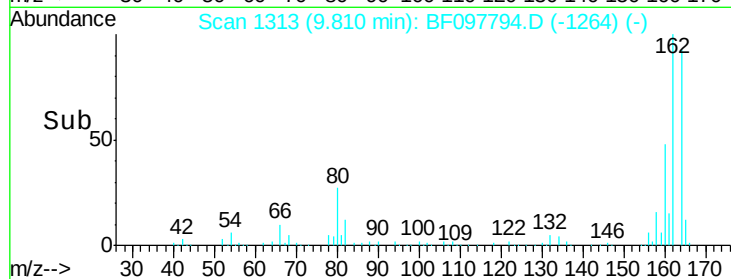
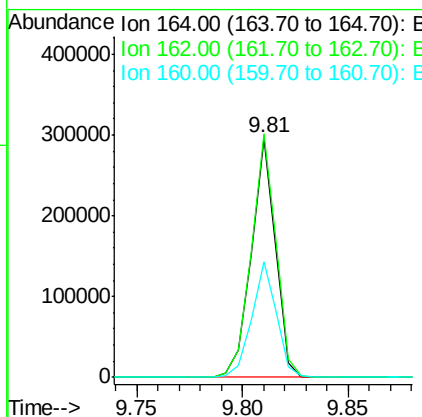
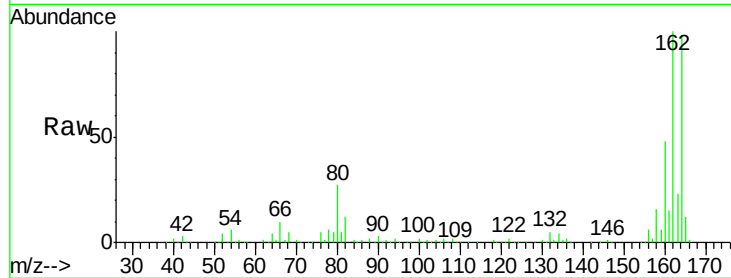




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF097794.D
 Acq: 17 Aug 2017 19:02

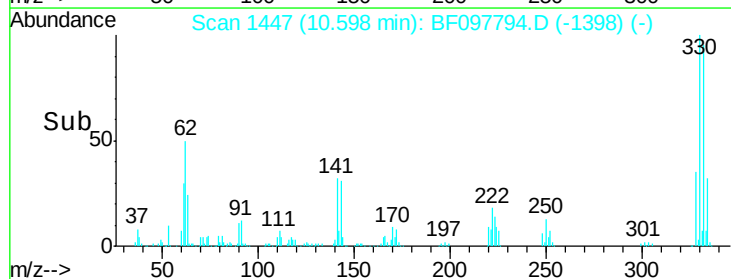
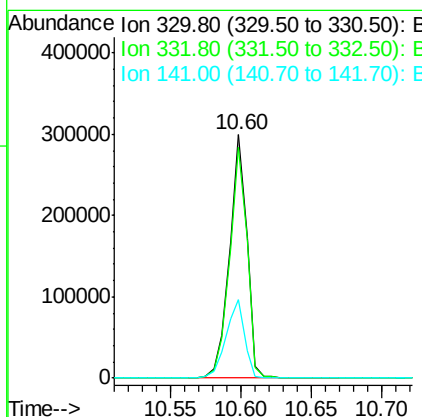
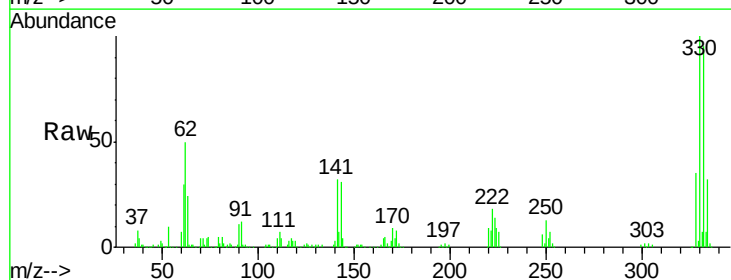
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 FK-GF-02-009-B

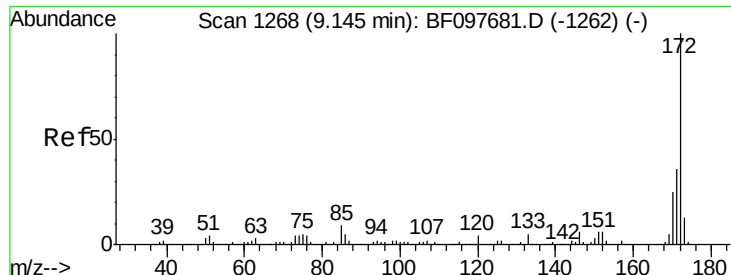
Tot Ion:164 Resp: 236224
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.6 123.8
 160 48.5 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 125.31 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097794.D
 Acq: 17 Aug 2017 19:02

Tgt Ion:330 Resp: 256829
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 34.4 31.4 47.2

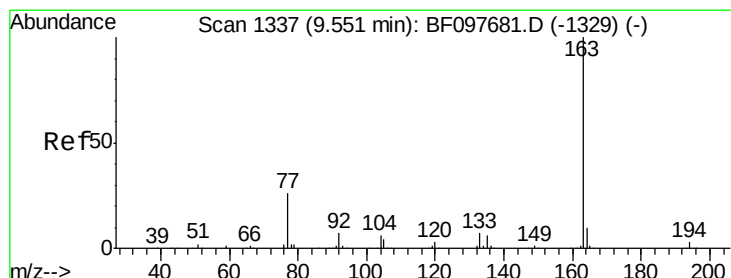
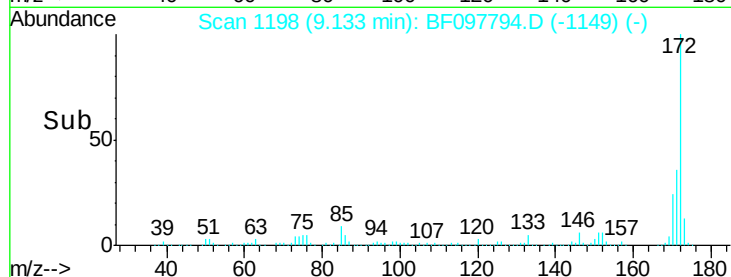
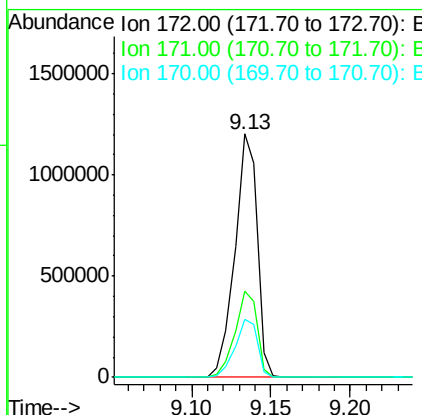
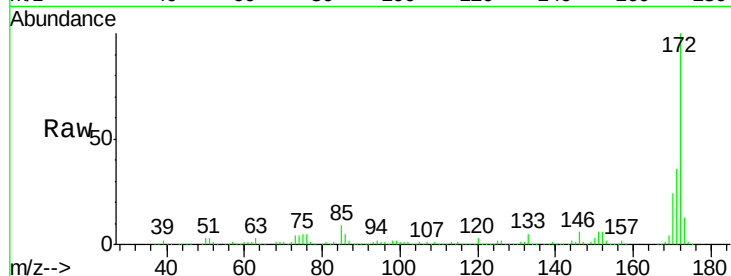




#44
2-Fluorobiphenyl
Concen: 72.83 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF097794.D
Acq: 17 Aug 2017 19:02

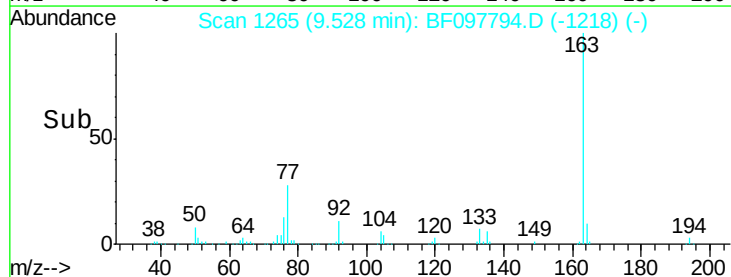
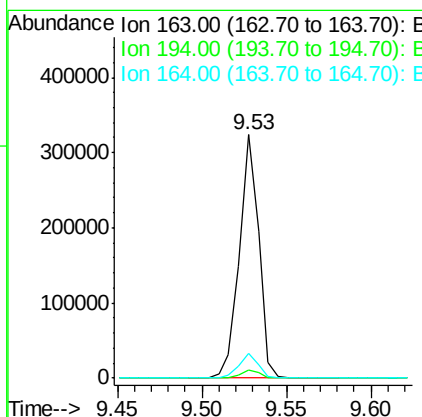
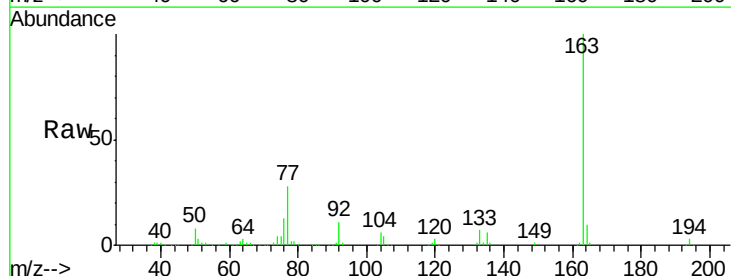
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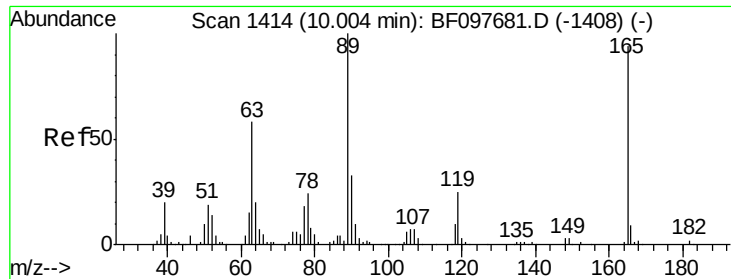
Tot Ion:172 Resp: 1170950
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 24.1 19.8 29.8



#49
Dimethylphthalate
Concen: 14.90 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097794.D
Acq: 17 Aug 2017 19:02

Tgt Ion:163 Resp: 257249
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.2 8.4 12.6

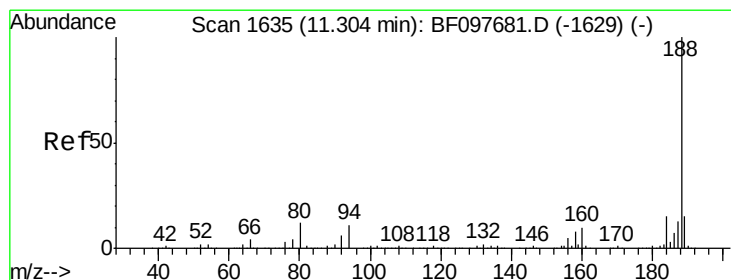
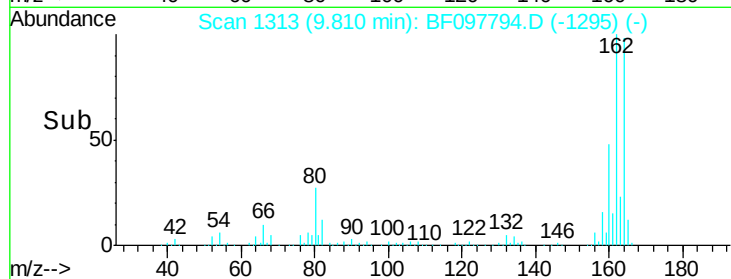
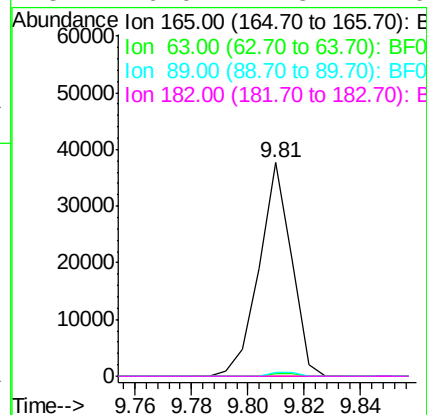
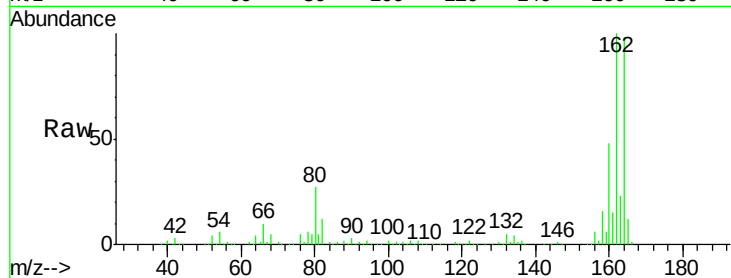




#56
 2,4-Dinitrotoluene
 Concen: 6.90 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF097794.D
 Acq: 17 Aug 2017 19:02

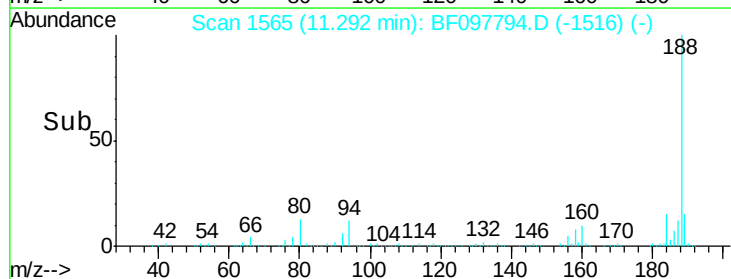
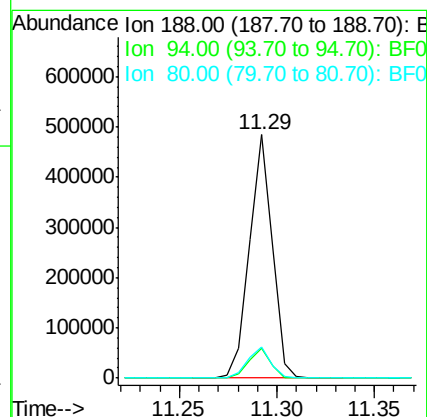
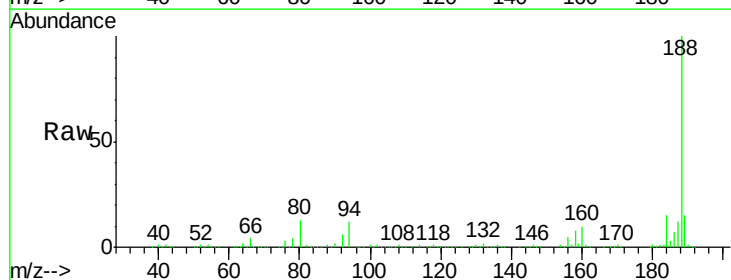
Instrument :
 BNA_F
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 FK-GF-02-009-B

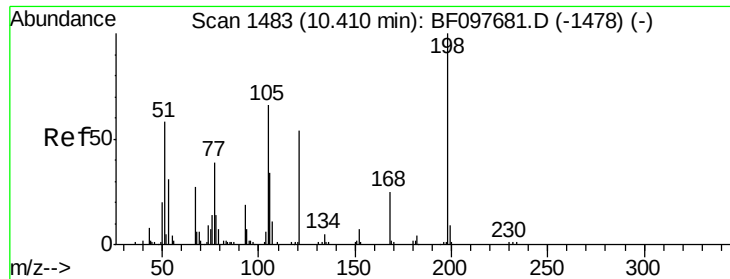
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF097794.D
 Acq: 17 Aug 2017 19:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.4	14.2
80	12.6	10.2	15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.58 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.18 min

Lab File: BF097794.D

Acq: 17 Aug 2017 19:02

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-009-B

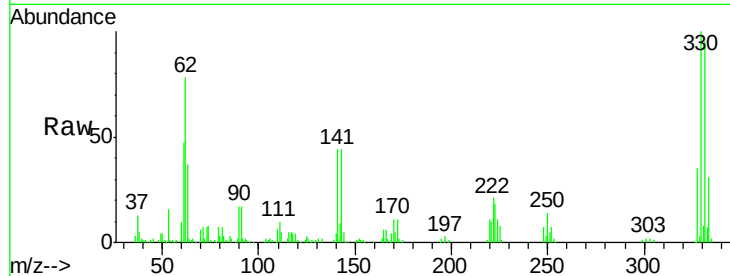
Tot Ion:198 Resp: 584

Ion Ratio Lower Upper

198 100

51 186.9 53.2 93.2#

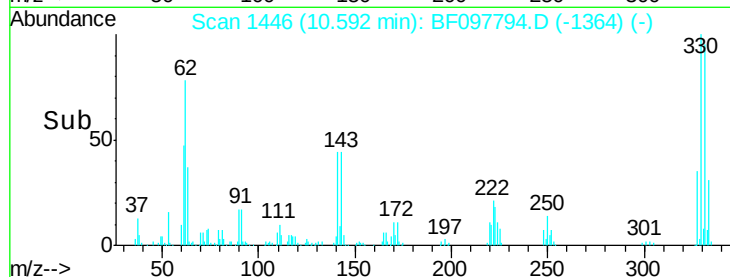
105 201.4 45.8 85.8#



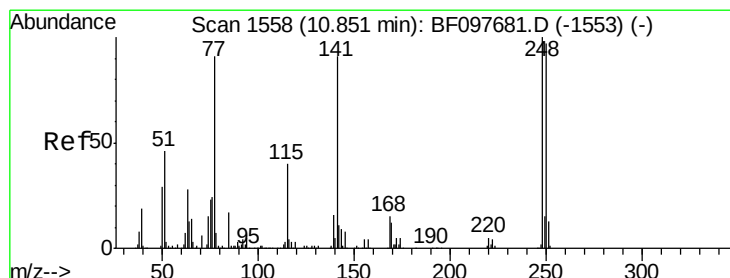
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

4-Bromophenyl-phenylether

Concen: 4.07 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.25 min

Lab File: BF097794.D

Acq: 17 Aug 2017 19:02

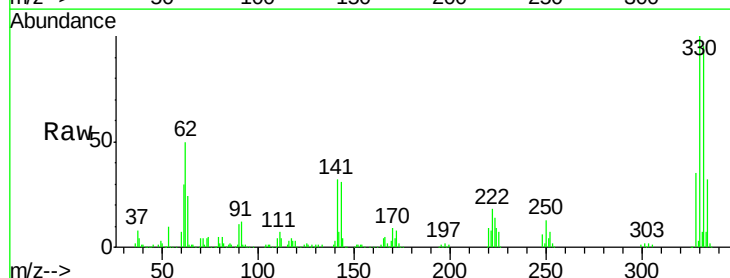
Tgt Ion:248 Resp: 16577

Ion Ratio Lower Upper

248 100

250 194.6 76.8 115.2#

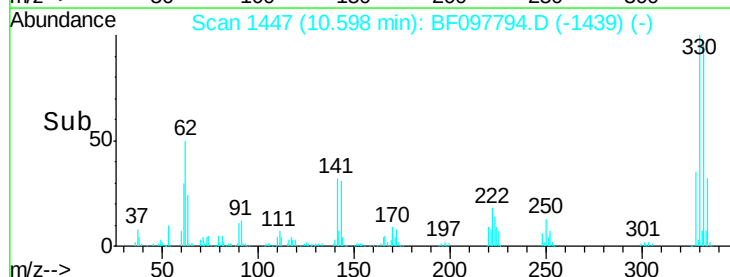
141 500.4 68.6 103.0#



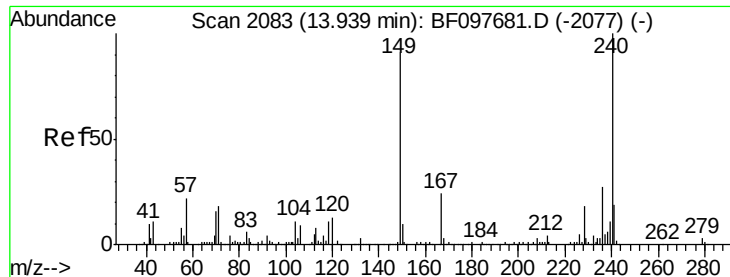
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF097794.D

Acq: 17 Aug 2017 19:02

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-009-B

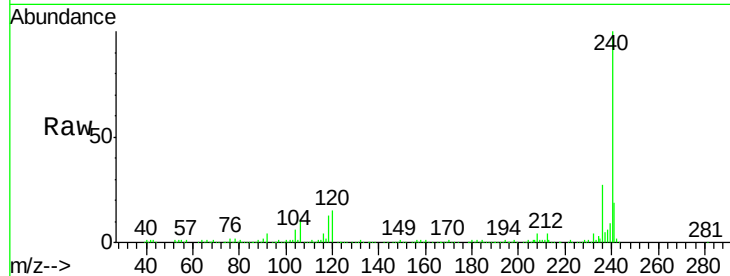
Tot Ion:240 Resp: 286414

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

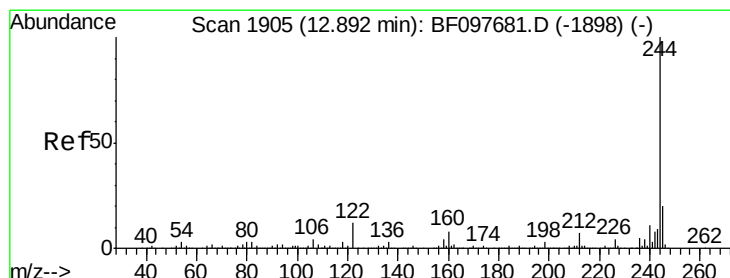
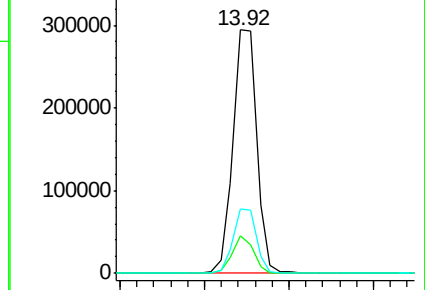
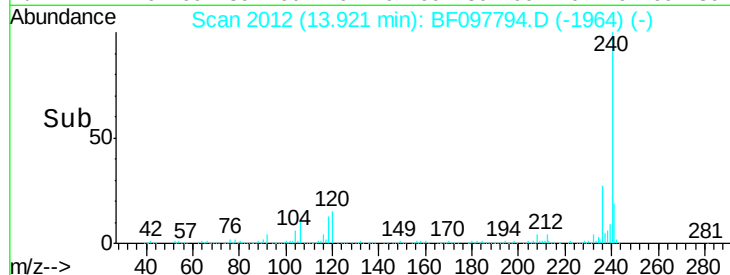
236 26.6 20.5 30.7



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: 53.56 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097794.D

Acq: 17 Aug 2017 19:02

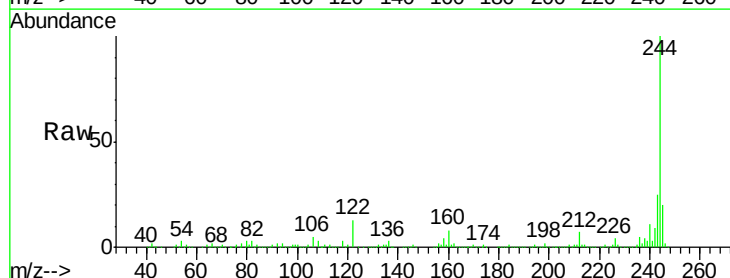
Tgt Ion:244 Resp: 735577

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

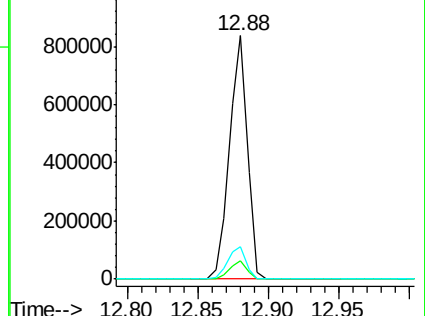
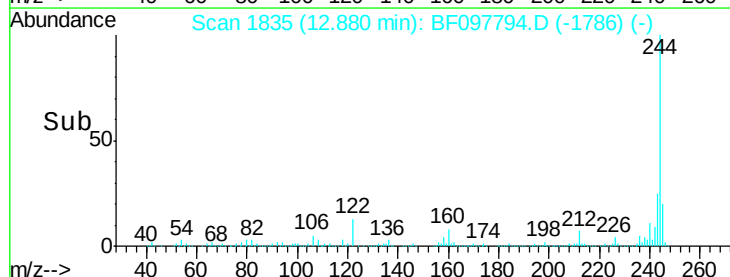
122 13.2 10.3 15.5

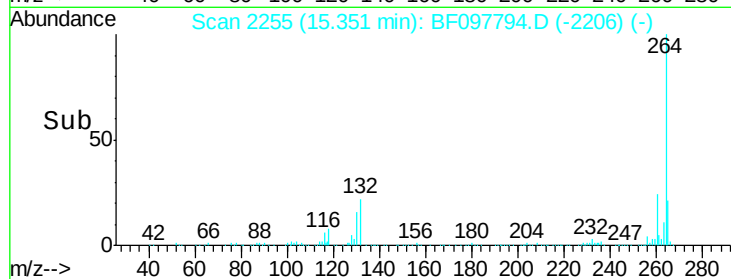
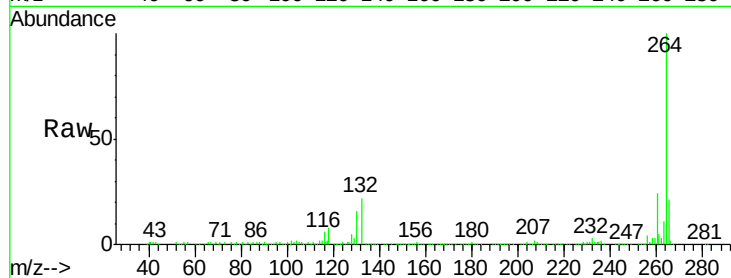
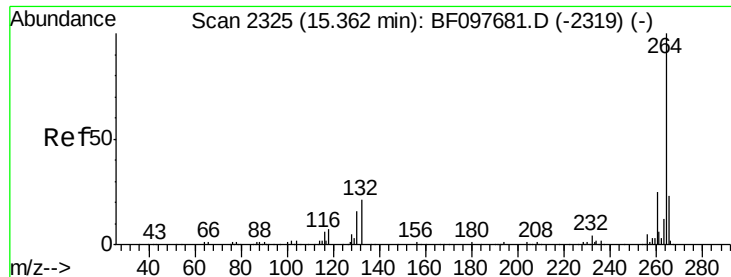


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF097794.D
Acq: 17 Aug 2017 19:02

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-009-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.5	17.2	25.8

