

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
 Data File : BF098022.D
 Acq On : 25 Aug 2017 00:43
 Operator : SJ/JU
 Sample : I4935-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-014

Quant Time: Aug 25 02:41:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

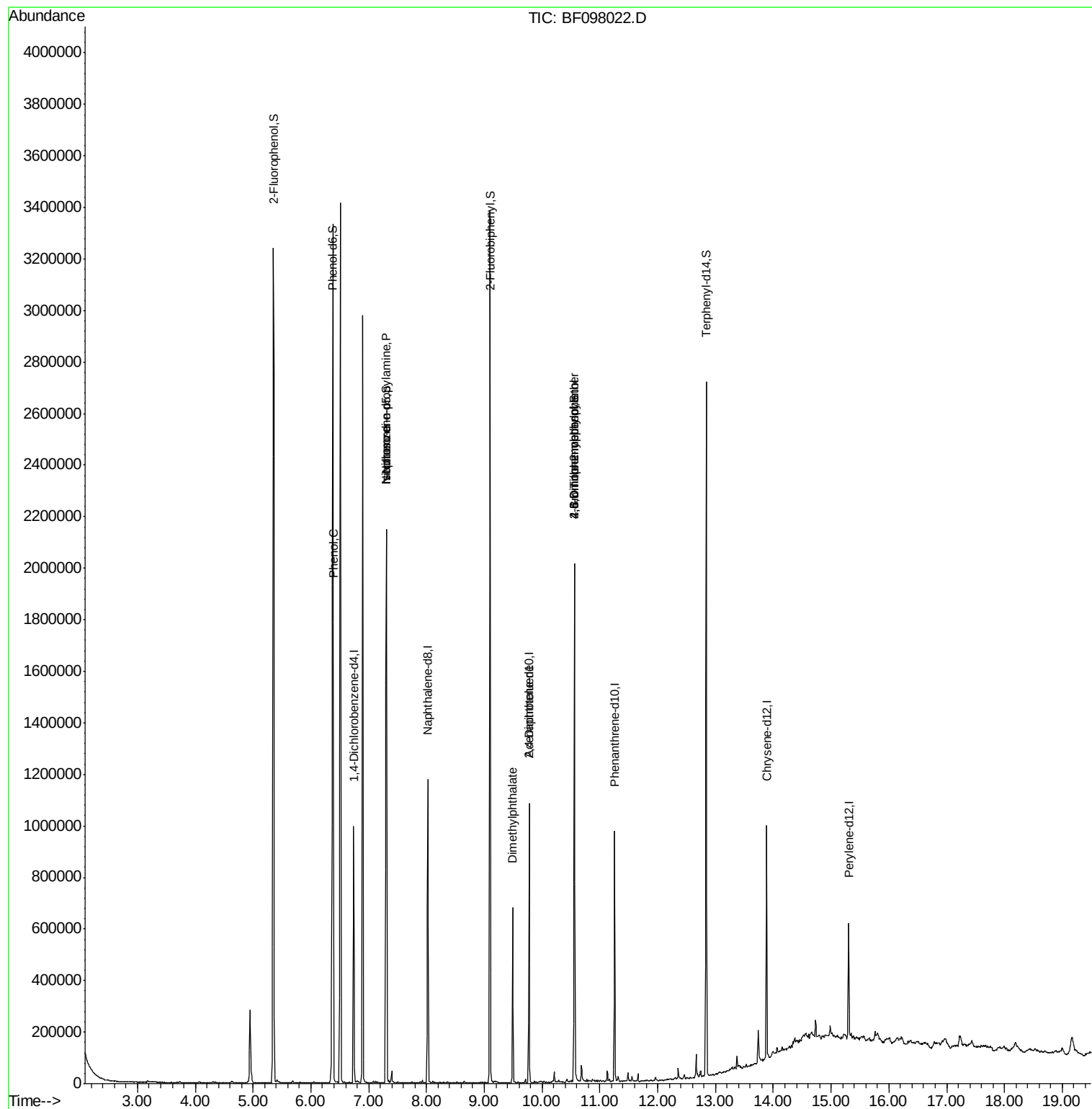
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	122308	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	471316	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	194378	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	341749	20.00	ng	0.00
75) Chrysene-d12	13.89	240	287556	20.00	ng	-0.01
86) Perylene-d12	15.30	264	199634	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1103409	137.22	ng	0.00
7) Phenol-d6	6.38	99	1478376	135.32	ng	0.00
23) Nitrobenzene-d5	7.30	82	893633	103.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	231049	137.00	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1169261	88.38	ng	-0.01
78) Terphenyl-d14	12.84	244	878535	63.71	ng	0.00
Target Compounds						
10) Phenol	6.39	94	28372	2.22	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.30	70	120526	16.12	ng	# 72
25) Isophorone	7.30	82	884197	49.01	ng	# 67
49) Dimethylphthalate	9.49	163	224438	15.80	ng	99
56) 2,4-Dinitrotoluene	9.77	165	24578	6.91	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.56	198	429	8.54	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	15339	4.32	ng	# 1

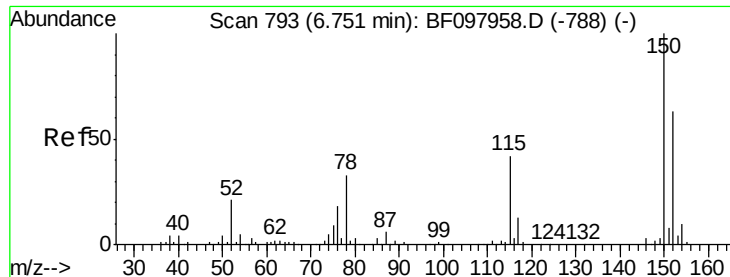
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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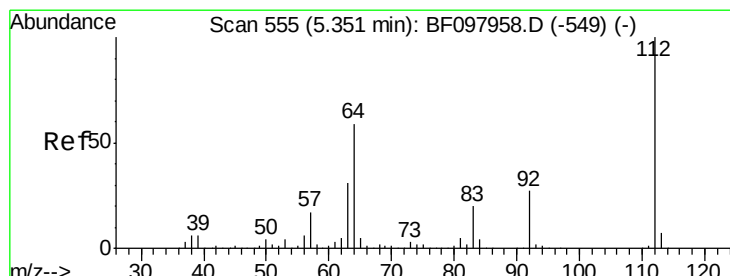
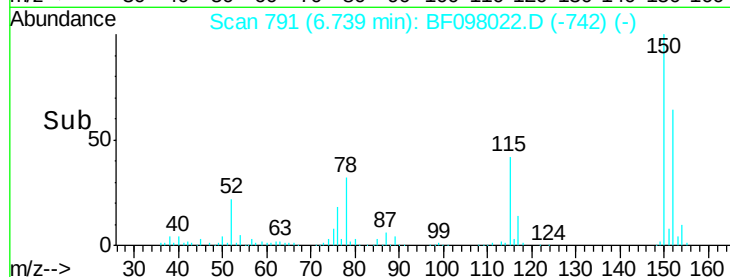
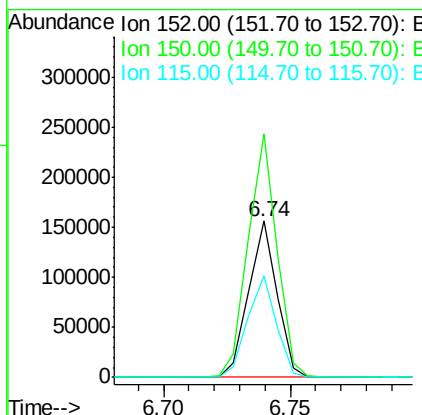
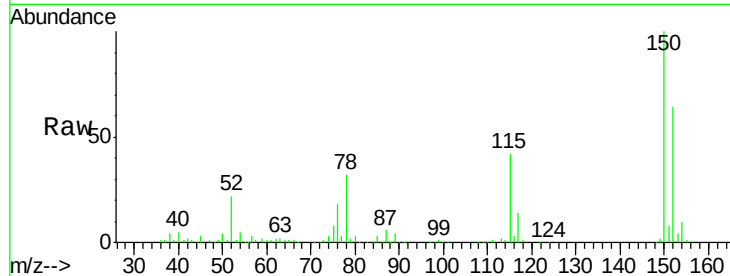


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098022.D
Acq: 25 Aug 2017 00:43

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-014

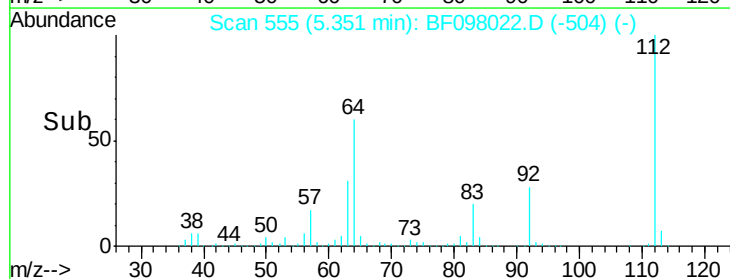
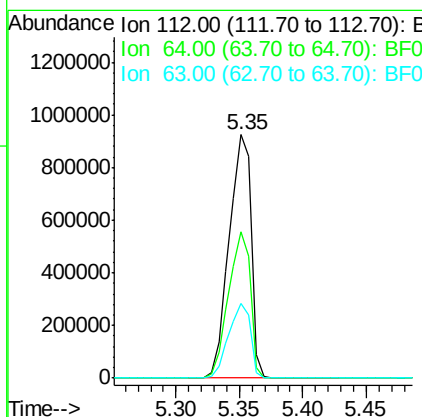
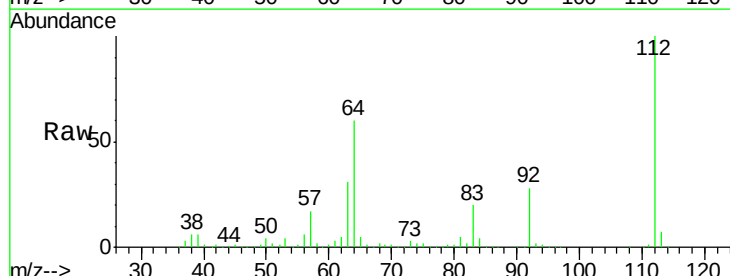
Tot Ion:152 Resp: 122308
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.2
115 65.2 52.2 78.2

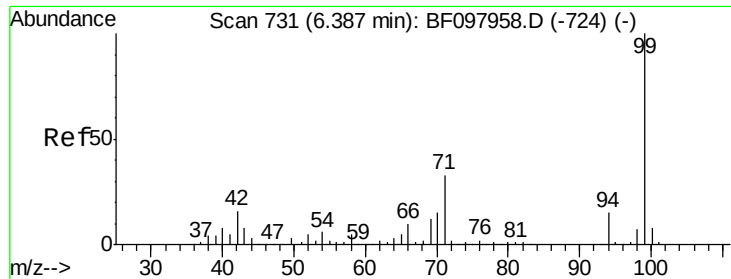


#5

2-Fluorophenol
Concen: 137.22 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF098022.D
Acq: 25 Aug 2017 00:43

Tgt Ion:112 Resp: 1103409
Ion Ratio Lower Upper
112 100
64 60.3 46.0 69.0
63 30.8 23.4 35.0





#7

Phenol-d6

Concen: 135.32 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098022.D

Acq: 25 Aug 2017 00:43

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-014

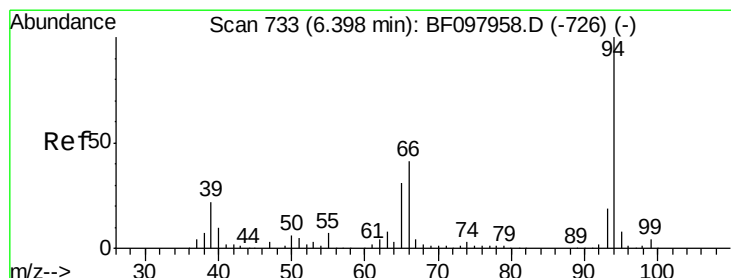
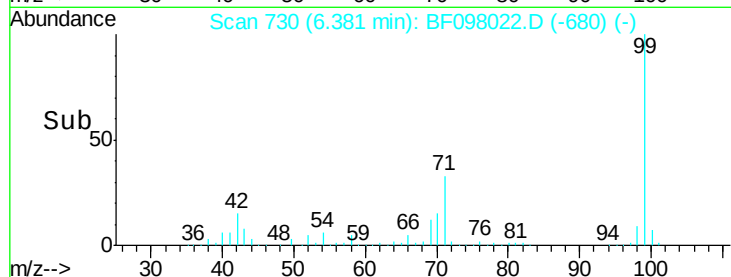
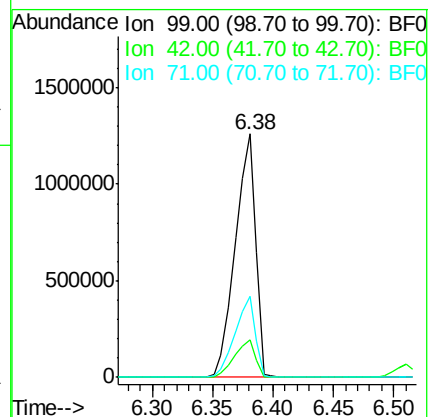
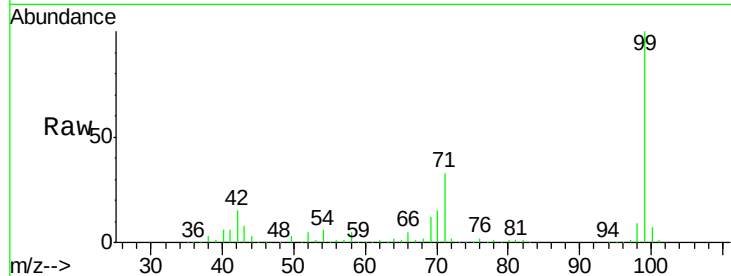
Tot Ion: 99 Resp: 1478376

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

71 33.1 24.5 36.7



#10

Phenol

Concen: 2.22 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF098022.D

Acq: 25 Aug 2017 00:43

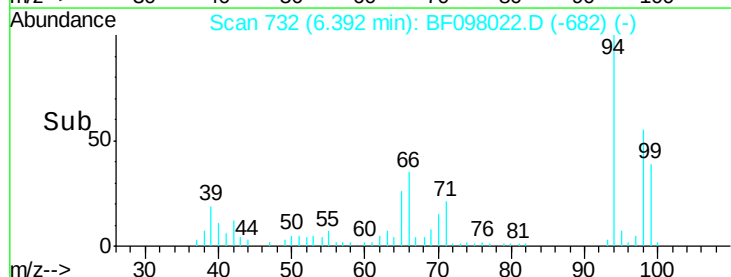
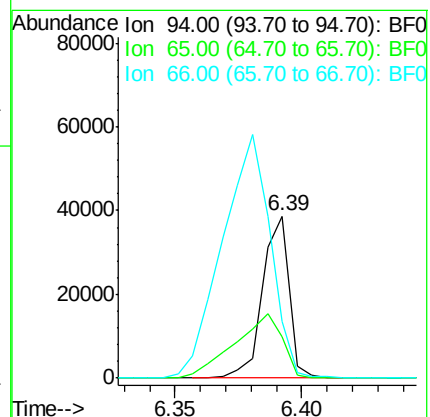
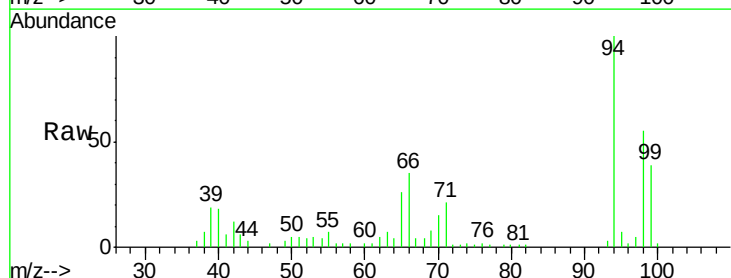
Tgt Ion: 94 Resp: 28372

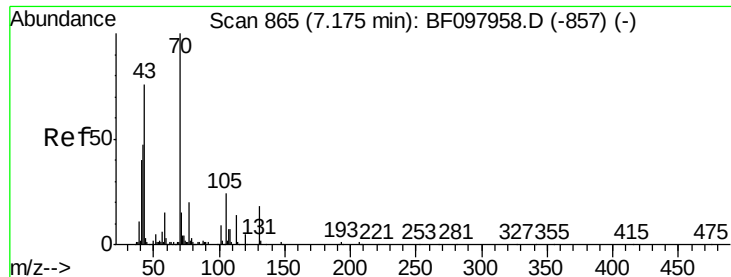
Ion Ratio Lower Upper

94 100

65 25.7 9.9 49.9

66 35.3 23.1 63.1

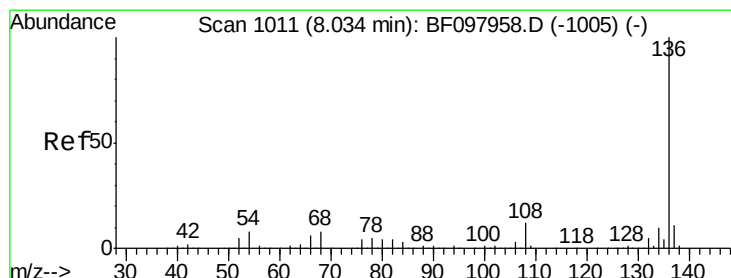
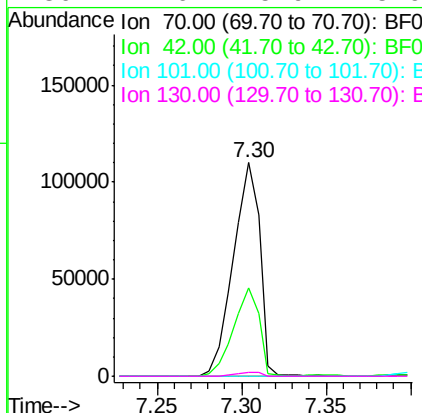
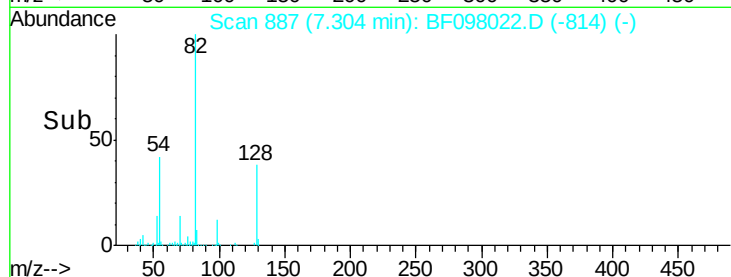
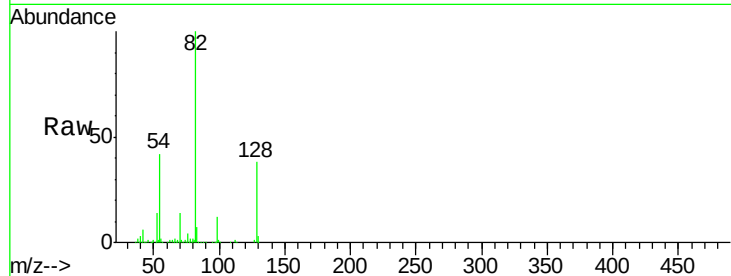




#19
n-Nitroso-di-n-propylamine
Concen: 16.12 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF098022.D
Acq: 25 Aug 2017 00:43

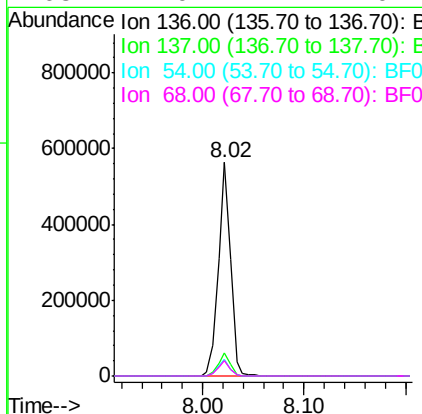
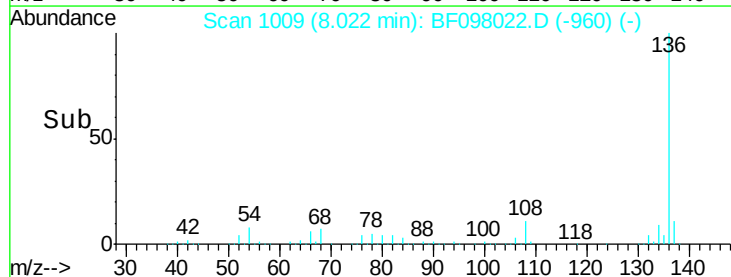
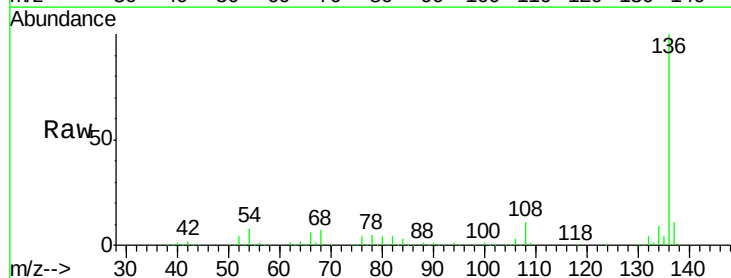
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-014

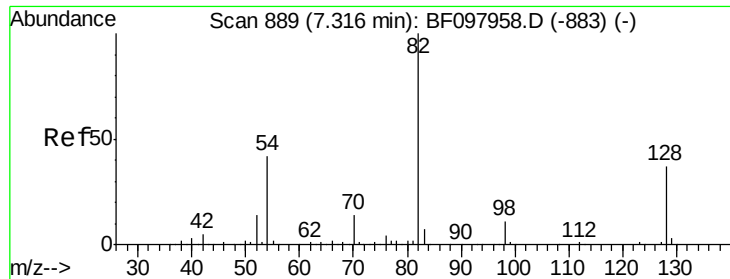
Tot Ion: 70 Resp: 120526
Ion Ratio Lower Upper
70 100
42 41.1 47.2 70.8#
101 0.0 7.2 10.8#
130 1.6 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098022.D
Acq: 25 Aug 2017 00:43

Tgt Ion: 136 Resp: 471316
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 7.6 4.9 7.3#
68 7.0 4.1 6.1#

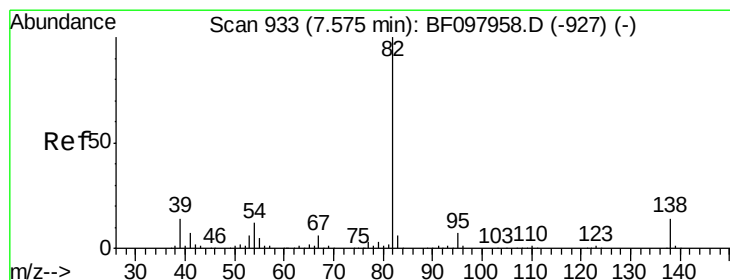
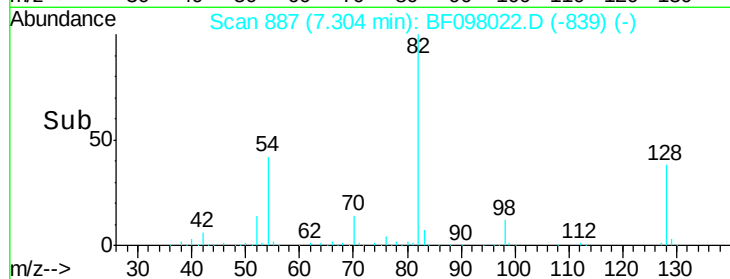
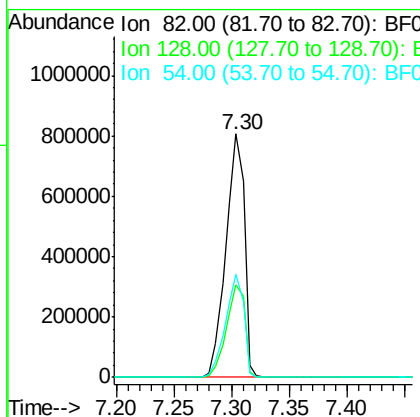
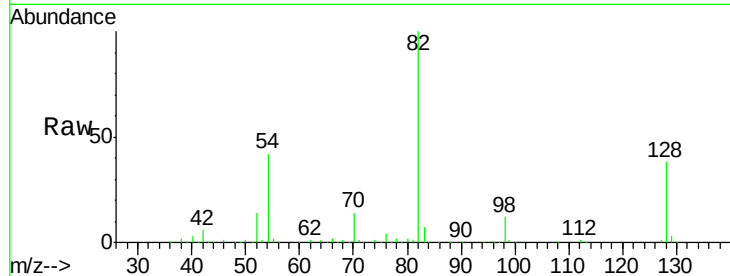




#23
 Nitrobenzene-d5
 Concen: 103.00 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098022.D
 Acq: 25 Aug 2017 00:43

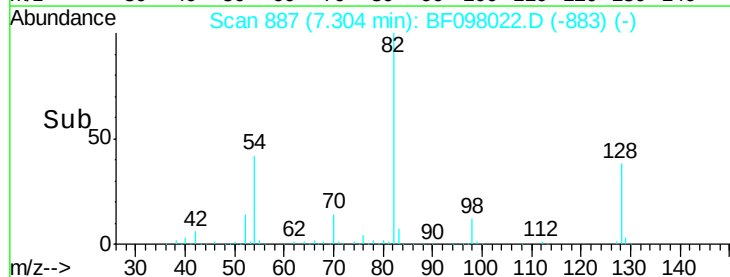
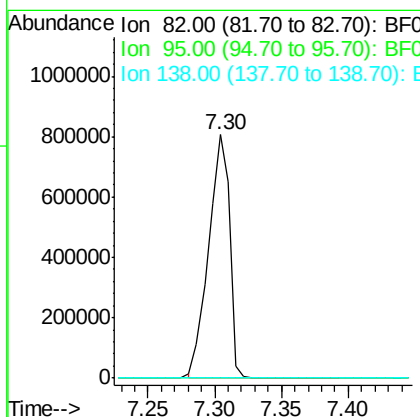
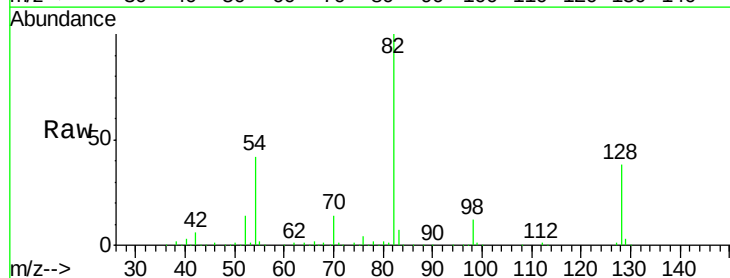
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-014

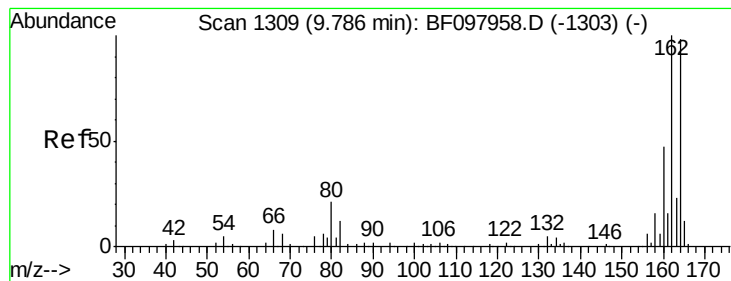
Tot Ion: 82 Resp: 893633
 Ion Ratio Lower Upper
 82 100
 128 37.8 34.0 51.0
 54 42.1 42.2 63.2#



#25
 Isophorone
 Concen: 49.01 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.28 min
 Lab File: BF098022.D
 Acq: 25 Aug 2017 00:43

Tgt Ion: 82 Resp: 884197
 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: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF098022.D

Acq: 25 Aug 2017 00:43

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-014

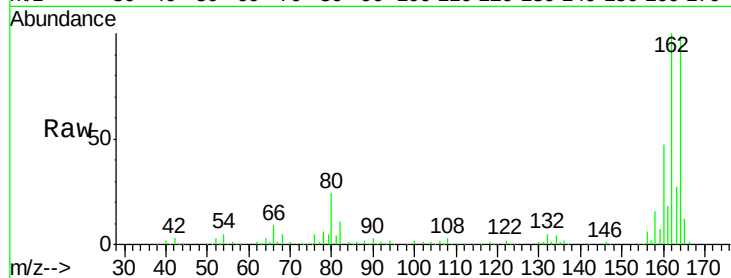
Tot Ion:164 Resp: 194378

Ion Ratio Lower Upper

164 100

162 100.7 82.6 123.8

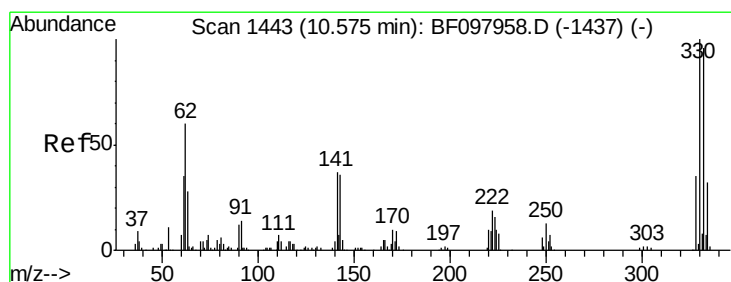
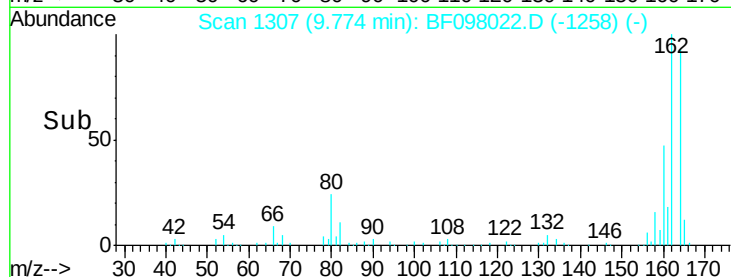
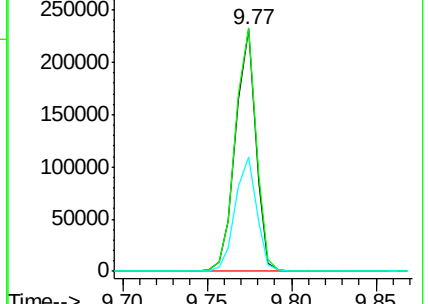
160 47.5 36.2 54.2



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: 137.00 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF098022.D

Acq: 25 Aug 2017 00:43

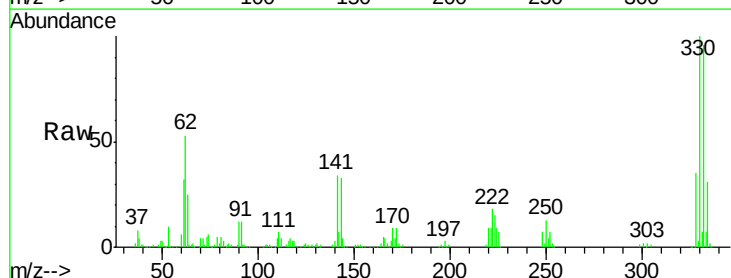
Tgt Ion:330 Resp: 231049

Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

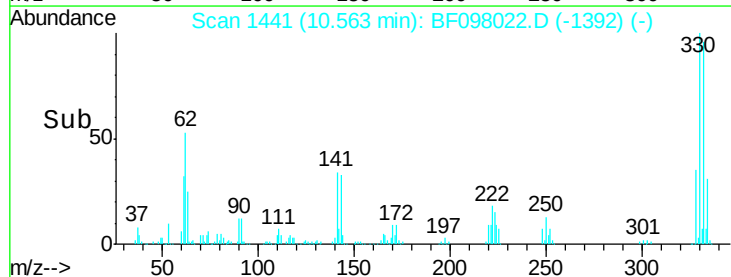
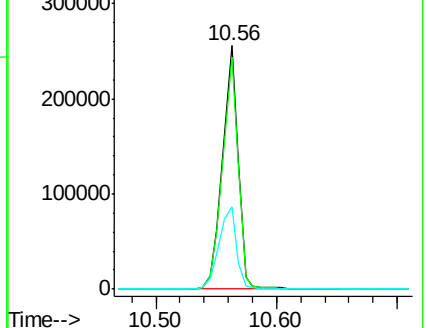
141 37.5 31.4 47.2

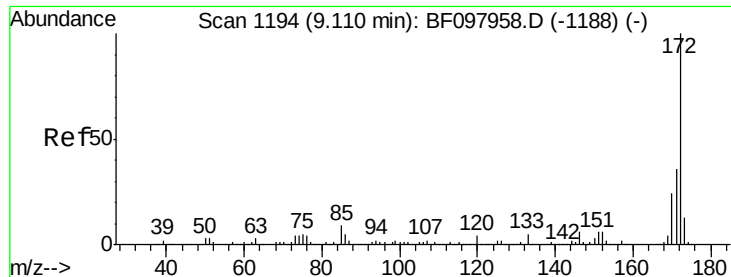


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

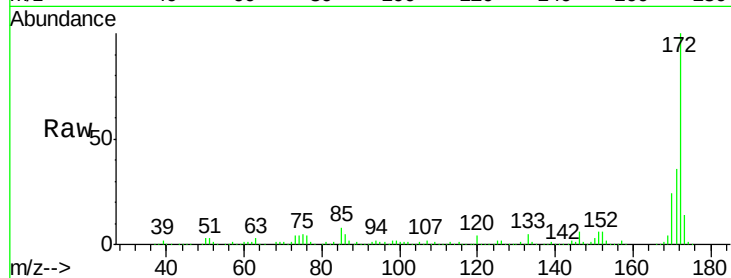




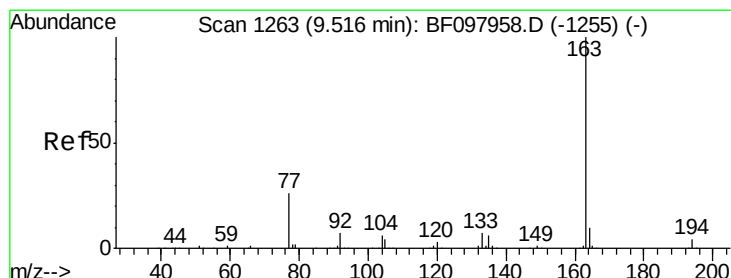
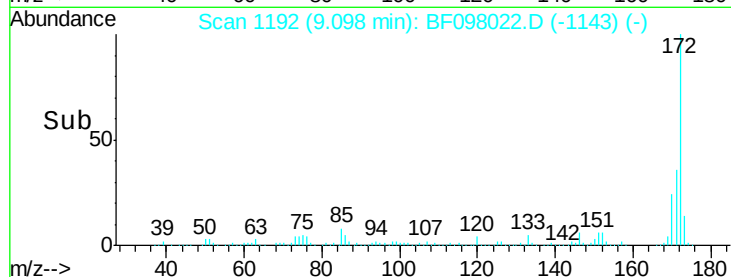
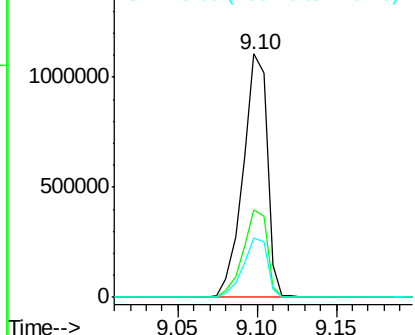
#44
2-Fluorobiphenyl
Concen: 88.38 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098022.D
Acq: 25 Aug 2017 00:43

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-014

Tot Ion:172 Resp: 1169261
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.3 19.8 29.8

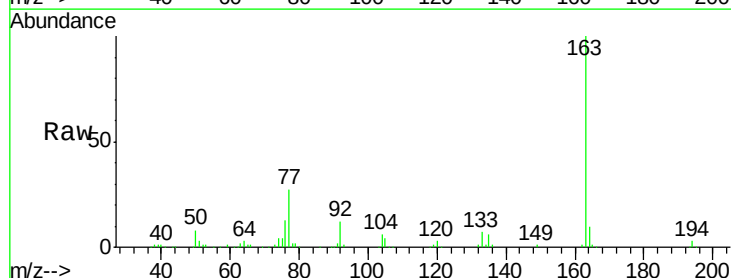


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

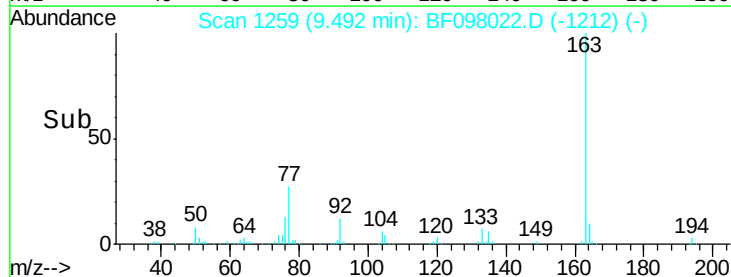
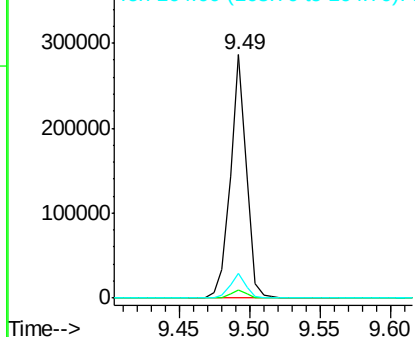


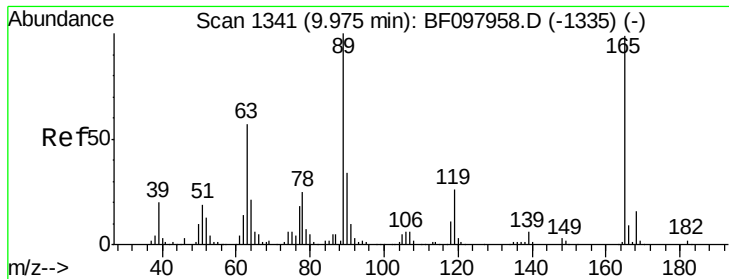
#49
Dimethylphthalate
Concen: 15.80 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098022.D
Acq: 25 Aug 2017 00:43

Tgt Ion:163 Resp: 224438
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.2 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

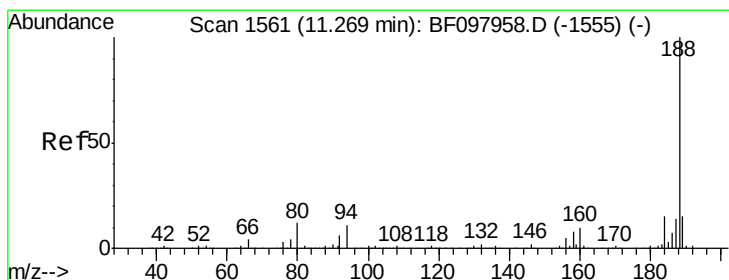
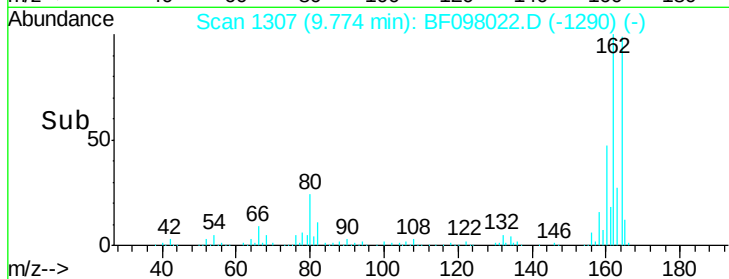
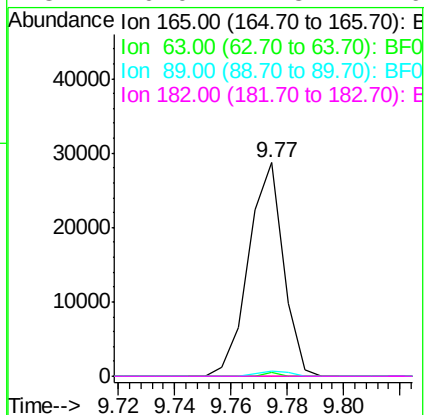
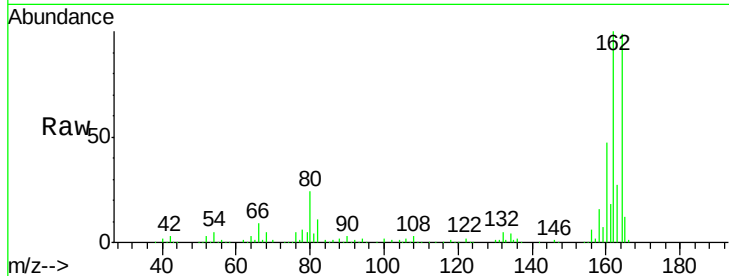




#56
 2,4-Dinitrotoluene
 Concen: 6.91 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF098022.D
 Acq: 25 Aug 2017 00:43

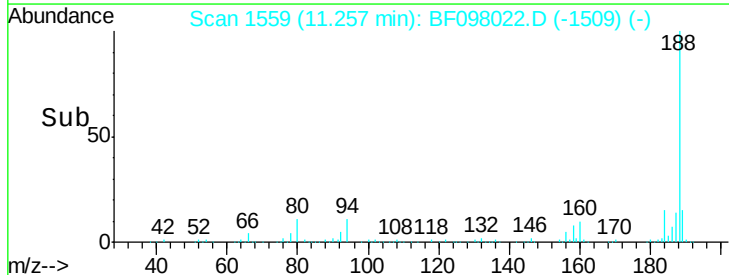
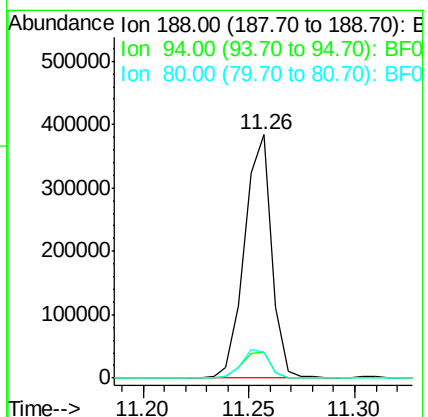
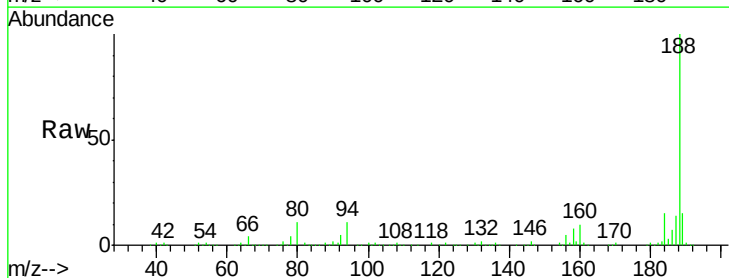
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-014

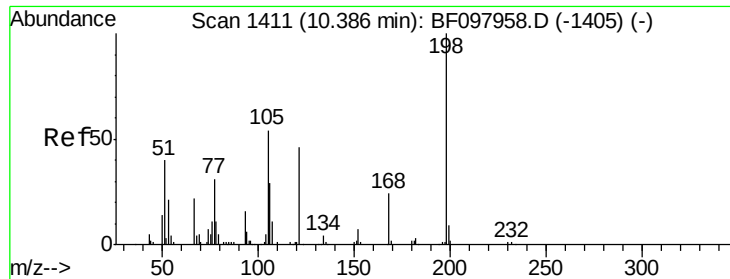
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	2.3	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098022.D
 Acq: 25 Aug 2017 00:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	10.7	10.2	15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.54 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.18 min

Lab File: BF098022.D

Acq: 25 Aug 2017 00:43

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-014

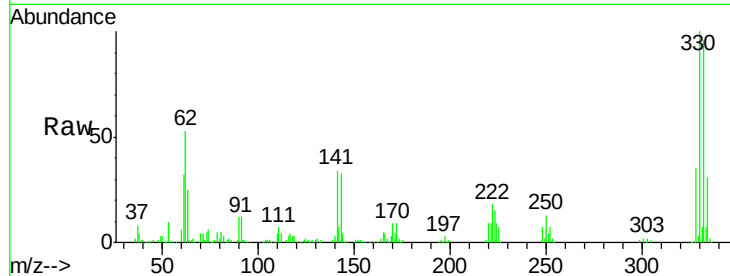
Tot Ion:198 Resp: 429

Ion Ratio Lower Upper

198 100

51 146.6 53.2 93.2#

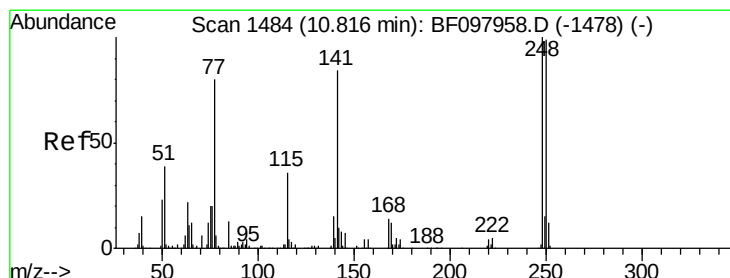
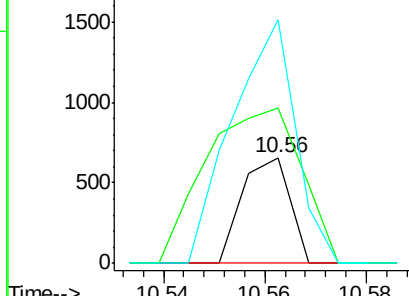
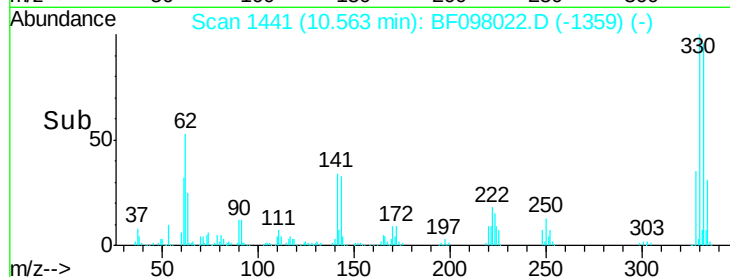
105 230.5 45.8 85.8#



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: 4.32 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.25 min

Lab File: BF098022.D

Acq: 25 Aug 2017 00:43

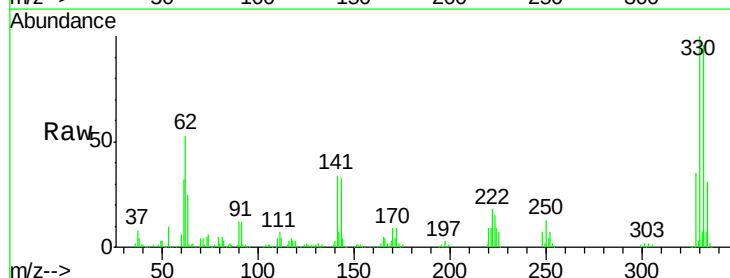
Tgt Ion:248 Resp: 15339

Ion Ratio Lower Upper

248 100

250 202.0 76.8 115.2#

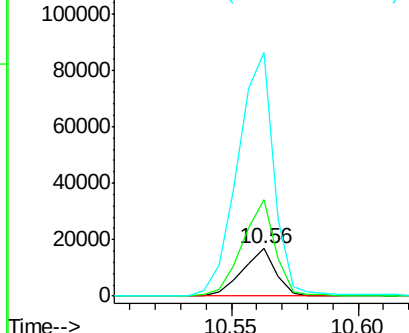
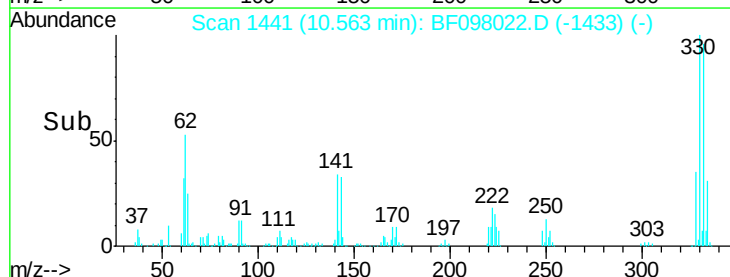
141 512.0 68.6 103.0#

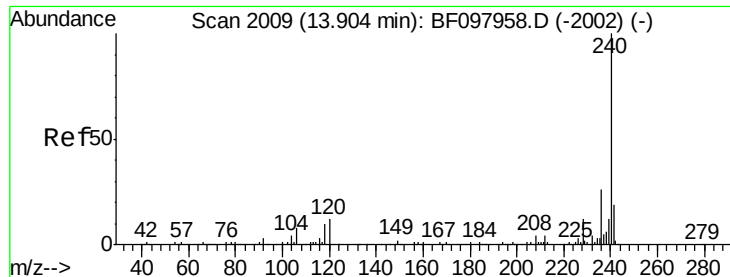


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098022.D

Acq: 25 Aug 2017 00:43

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-014

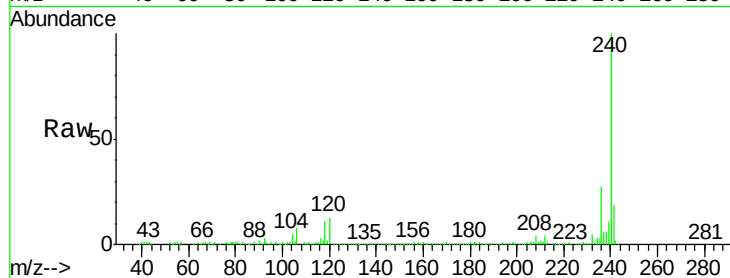
Tot Ion:240 Resp: 287556

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

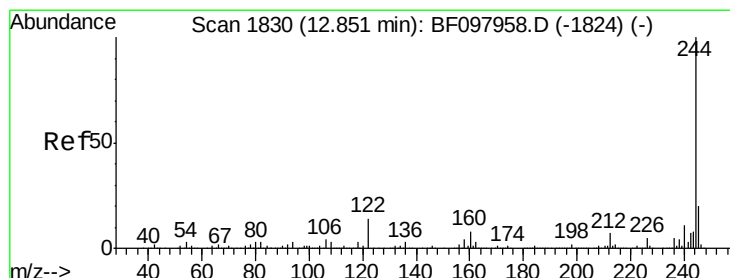
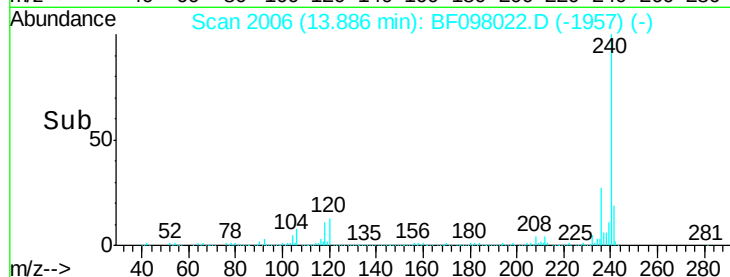
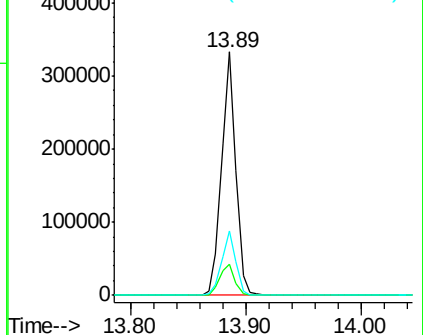
236 26.6 20.5 30.7



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: 63.71 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF098022.D

Acq: 25 Aug 2017 00:43

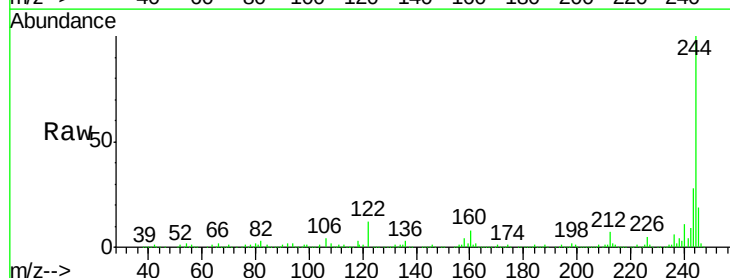
Tgt Ion:244 Resp: 878535

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

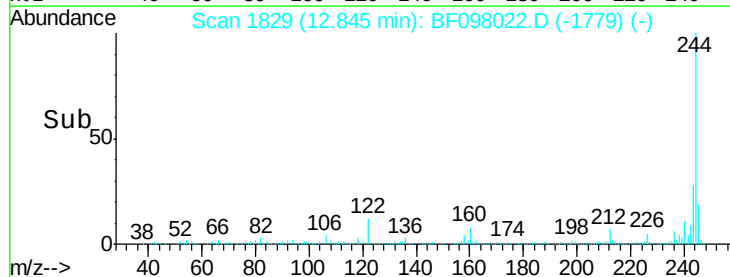
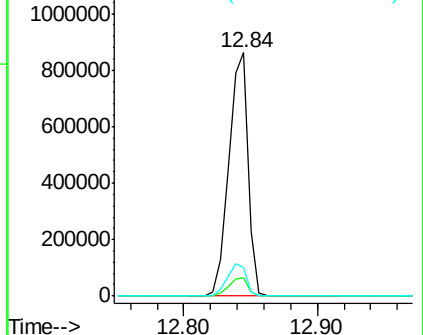
122 12.0 10.3 15.5

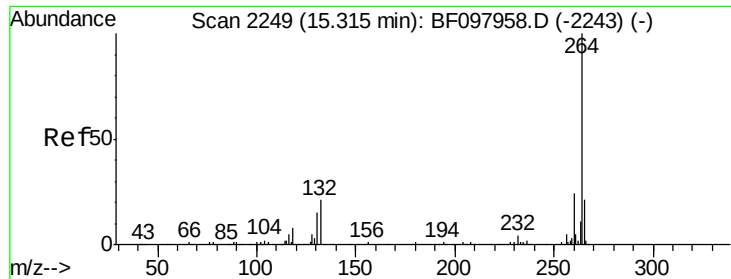


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

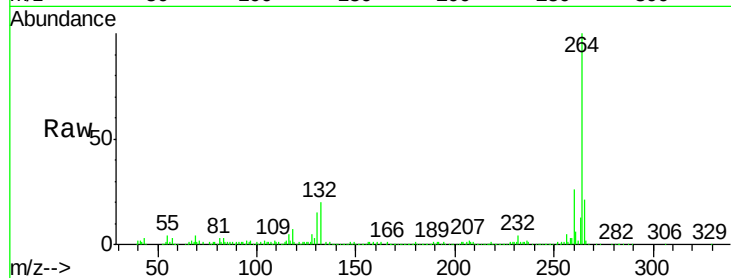




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF098022.D
Acq: 25 Aug 2017 00:43

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-014

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.3	19.5	29.3
265	21.0	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

