

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097805.D
 Acq On : 18 Aug 2017 00:12
 Operator : SJ/JU
 Sample : I4761-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RURRSB-05

Quant Time: Aug 18 01:35:17 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	145616	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	509888	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	182179	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	317649	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	323922	20.00	ng	-0.01
86) Perylene-d12	15.36	264	235550	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	733655	76.64	ng	0.00
7) Phenol-d6	6.40	99	998450	76.76	ng	0.00
23) Nitrobenzene-d5	7.34	82	596382	63.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	111742	70.69	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	790962	63.79	ng	-0.01
78) Terphenyl-d14	12.88	244	602896	38.81	ng	-0.01
Target Compounds						
10) Phenol	6.42	94	33503	2.20	ng	Qvalue 99
19) n-Nitroso-di-n-propylamine	7.34	70	81462	9.15	ng	# 70
25) Isophorone	7.34	82	596375	30.56	ng	# 67
49) Dimethylphthalate	9.53	163	102684	7.71	ng	98
56) 2,4-Dinitrotoluene	9.81	165	23665	7.09	ng	# 32
64) 4,6-Dinitro-2-methylphenol	10.60	198	167	8.41	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	7878	2.39	ng	# 1
74) Fluoranthene	12.50	202	50280	2.85	ng	99
87) Benzo(b)fluoranthene	14.94	252	40767	2.75	ng	# 96
88) Benzo(k)fluoranthene	14.94	252	40767	2.92	ng	97

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

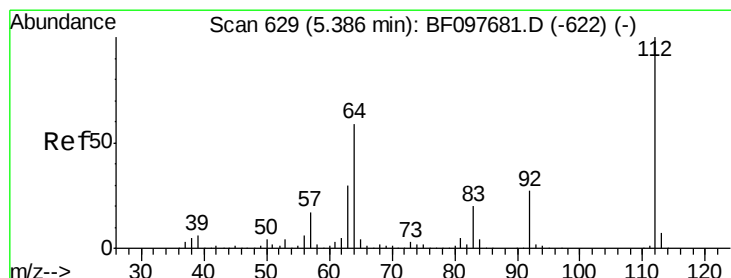
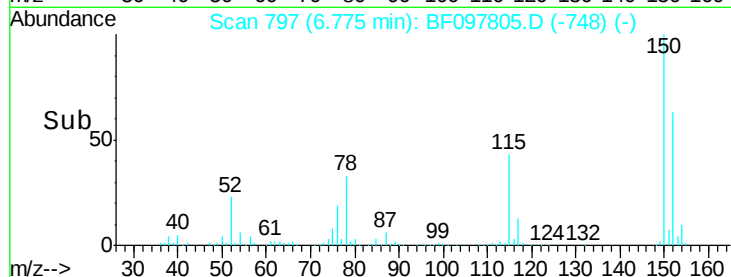
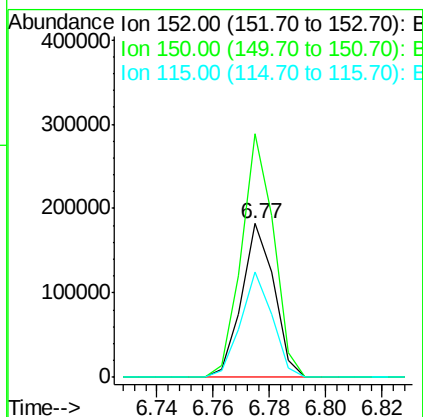
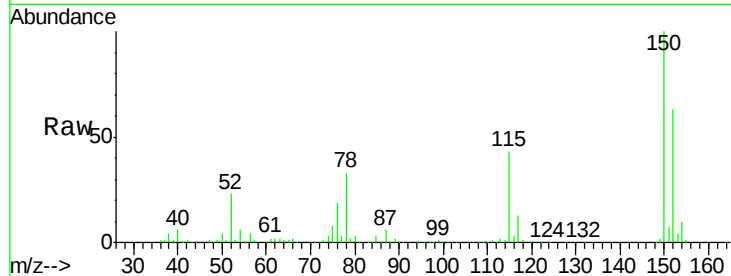


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097805.D
Acq: 18 Aug 2017 00:12

Instrument :
BNA_F
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RURRSB-05

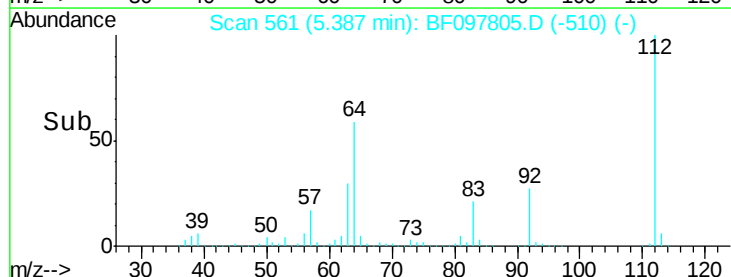
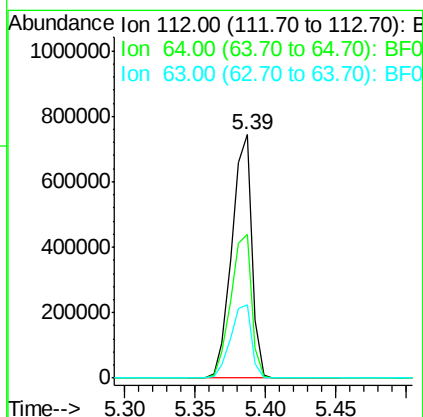
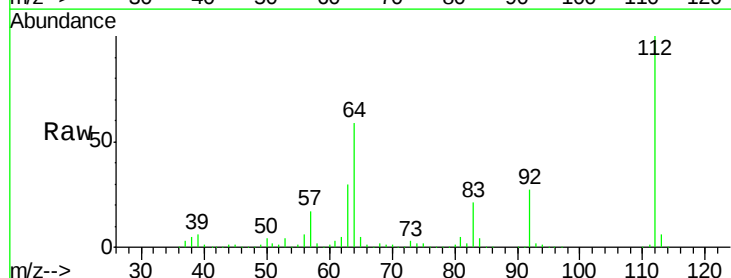
Tot Ion:152 Resp: 145616
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 68.7 52.2 78.2

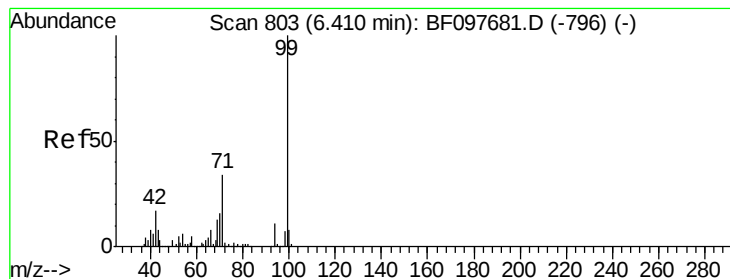


#5

2-Fluorophenol
Concen: 76.64 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF097805.D
Acq: 18 Aug 2017 00:12

Tgt Ion:112 Resp: 733655
Ion Ratio Lower Upper
112 100
64 59.2 46.0 69.0
63 30.2 23.4 35.0





#7

Phenol-d6

Concen: 76.76 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097805.D

Acq: 18 Aug 2017 00:12

Instrument :

BNA_F

ClientSampleId :

RURRSB-05

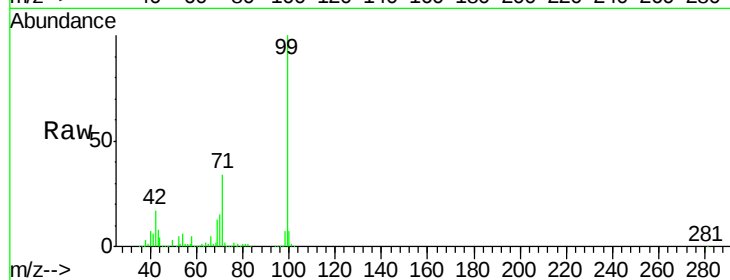
Tot Ion: 99 Resp: 998450

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

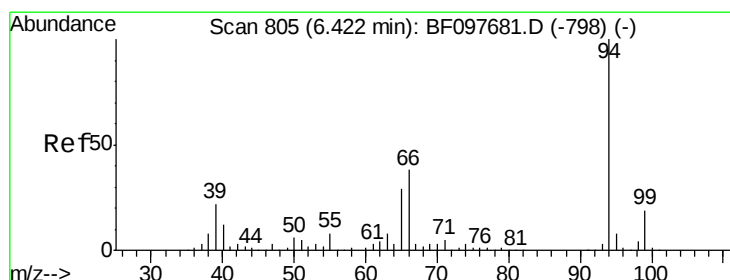
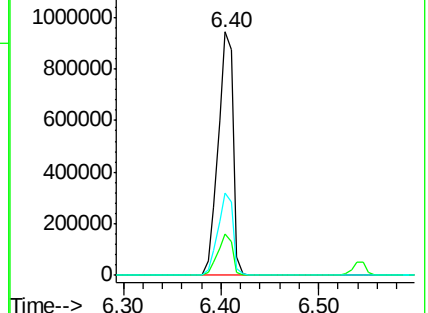
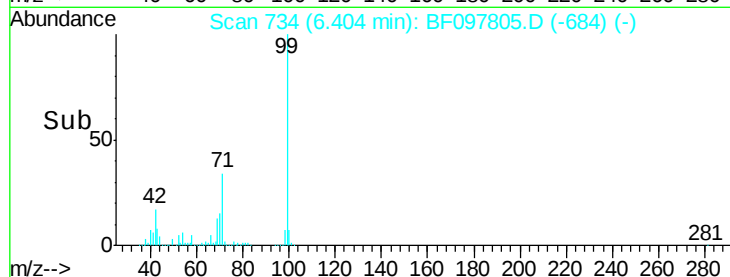
71 34.1 24.5 36.7



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: 2.20 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF097805.D

Acq: 18 Aug 2017 00:12

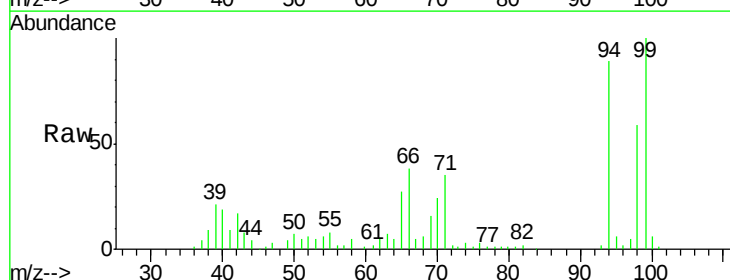
Tgt Ion: 94 Resp: 33503

Ion Ratio Lower Upper

94 100

65 30.6 9.9 49.9

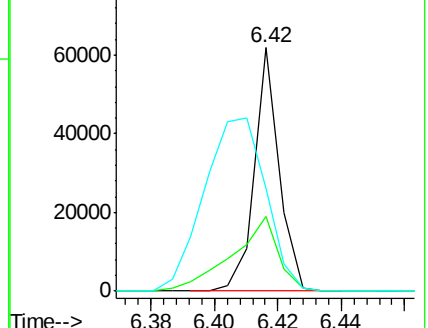
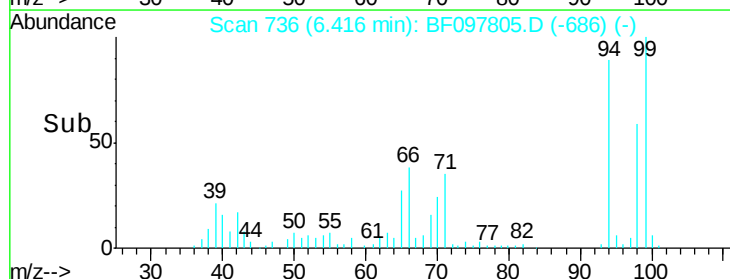
66 42.3 23.1 63.1

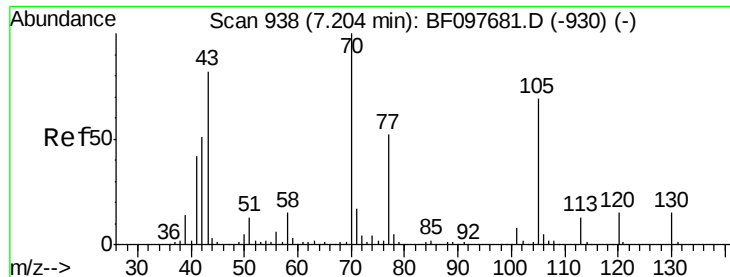


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

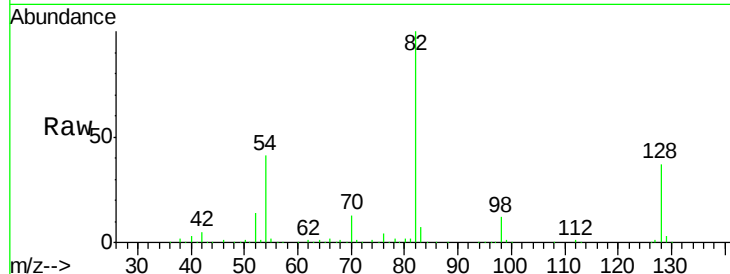




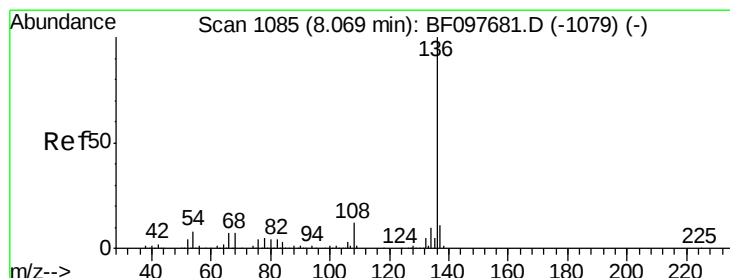
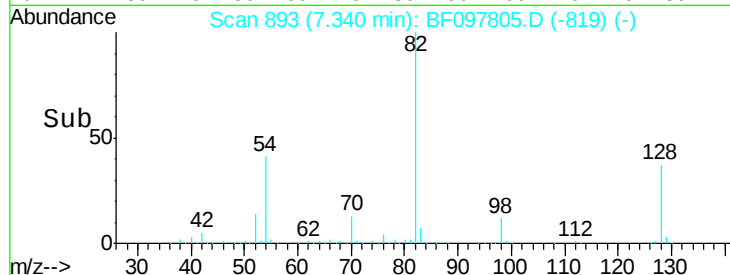
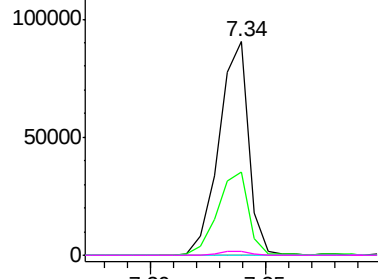
#19
n-Nitroso-di-n-propylamine
Concen: 9.15 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.14 min
Lab File: BF097805.D
Acq: 18 Aug 2017 00:12

Instrument :
BNA_F
ClientSampled :
RURRSB-05

Tot Ion: 70 Resp: 81462
Ion Ratio Lower Upper
70 100
42 38.9 47.2 70.8#
101 0.0 7.2 10.8#
130 1.7 15.9 23.9#

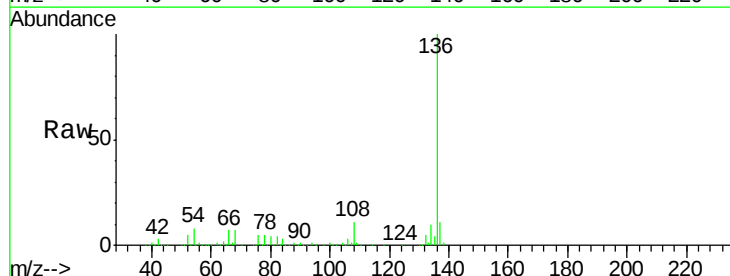


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

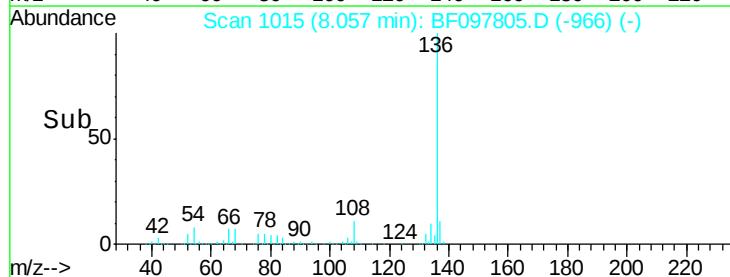
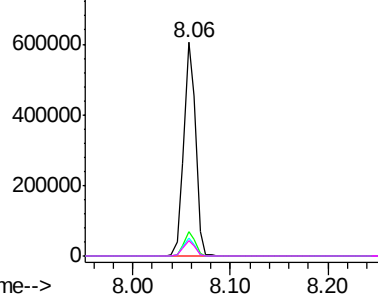


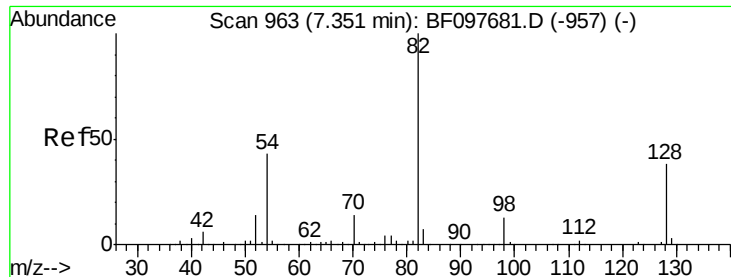
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF097805.D
Acq: 18 Aug 2017 00:12

Tgt Ion: 136 Resp: 509888
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 8.4 4.9 7.3#
68 7.1 4.1 6.1#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

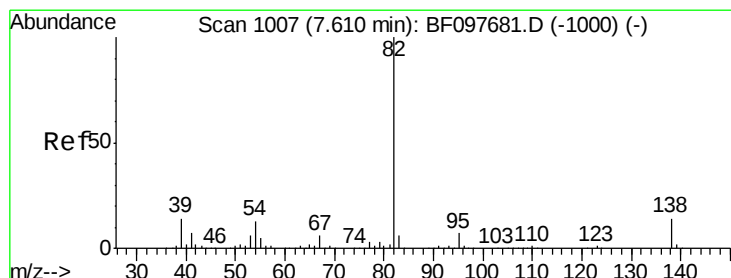
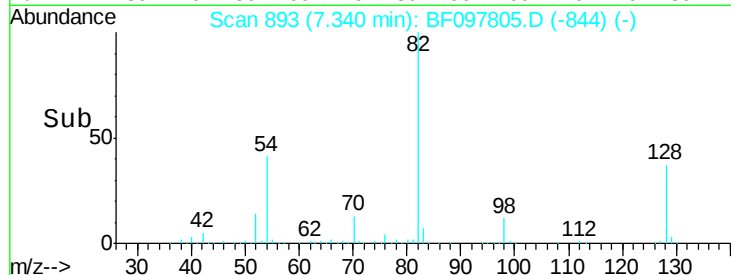
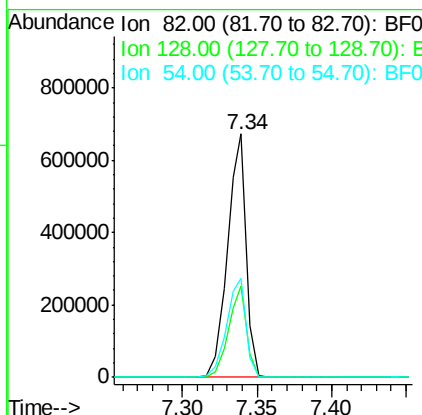
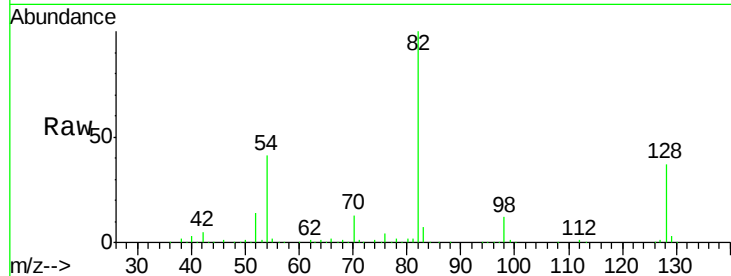




#23
 Nitrobenzene-d5
 Concen: 63.54 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF097805.D
 Acq: 18 Aug 2017 00:12

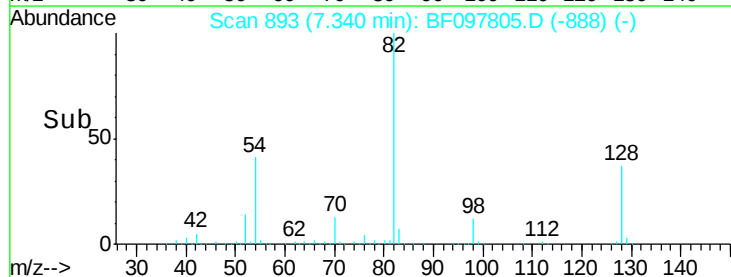
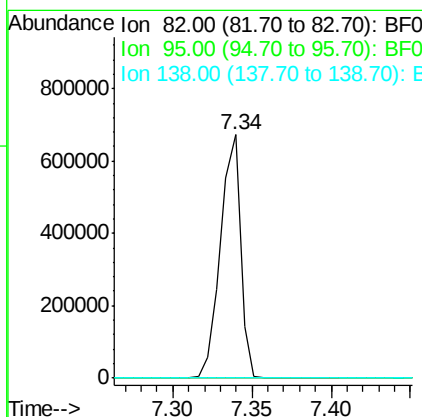
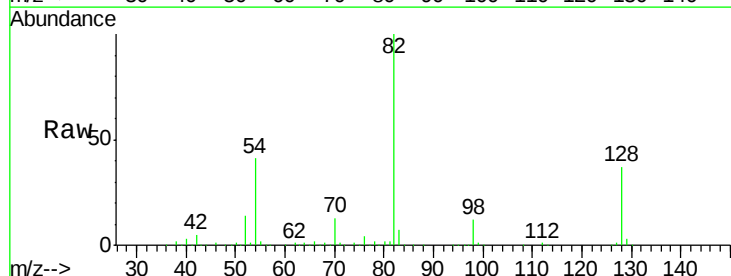
Instrument :
 BNA_F
 ClientSampleId :
 RURRSB-05

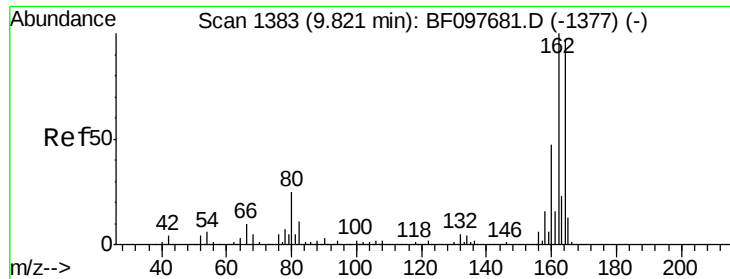
Tot Ion	82	Resp	596382
Ion Ratio	100	Lower	Upper
128	37.4	34.0	51.0
54	40.7	42.2	63.2#



#25
 Isophorone
 Concen: 30.56 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.27 min
 Lab File: BF097805.D
 Acq: 18 Aug 2017 00:12

Tgt Ion	82	Resp	596375
Ion Ratio	100	Lower	Upper
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#

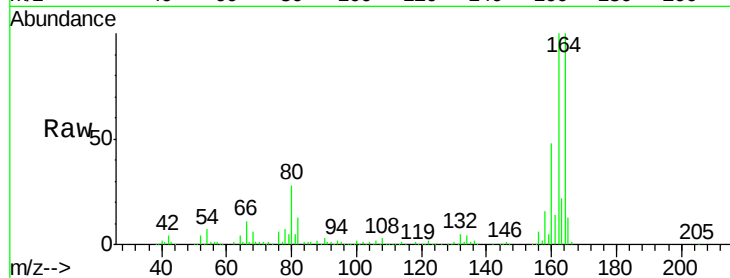




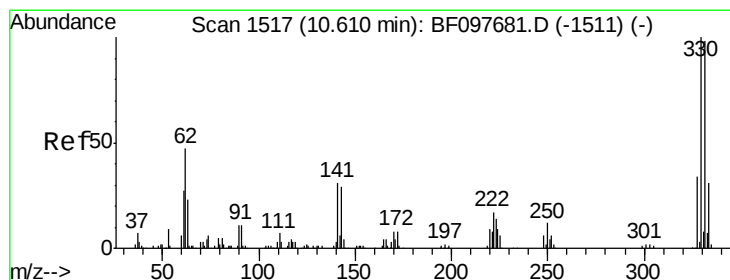
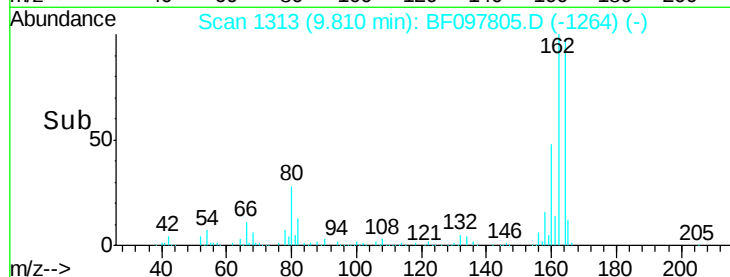
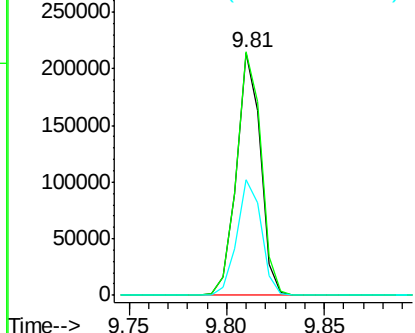
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097805.D
Acq: 18 Aug 2017 00:12

Instrument :
BNA_F
ClientSampleId :
RURRSB-05

Tot Ion:164 Resp: 182179
Ion Ratio Lower Upper
164 100
162 100.3 82.6 123.8
160 47.8 36.2 54.2

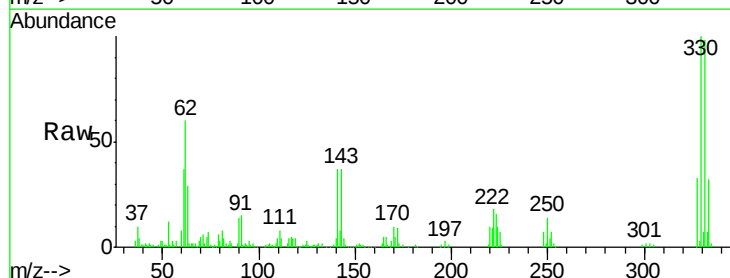


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

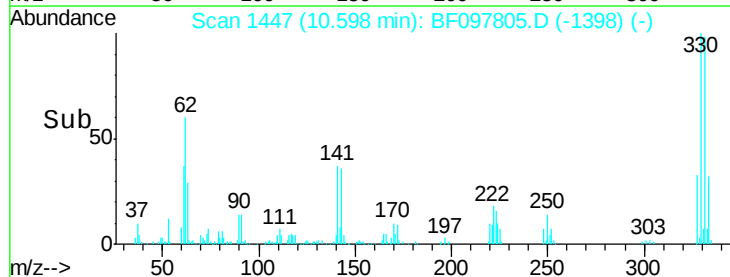
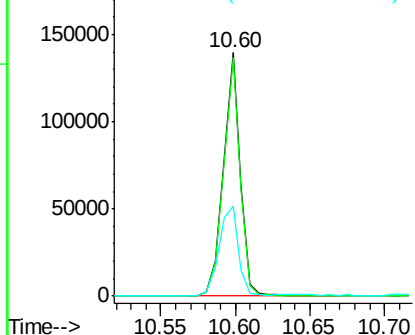


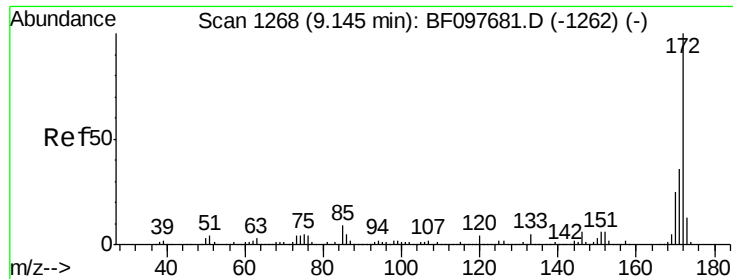
#41
2,4,6-Tribromophenol
Concen: 70.69 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF097805.D
Acq: 18 Aug 2017 00:12

Tgt Ion:330 Resp: 111742
Ion Ratio Lower Upper
330 100
332 96.9 76.6 115.0
141 43.3 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

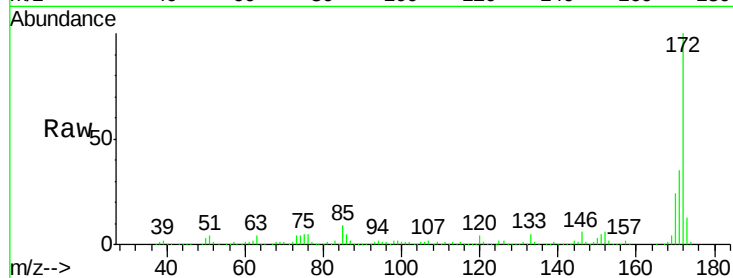




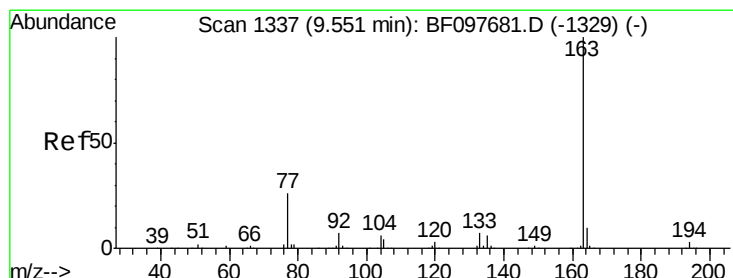
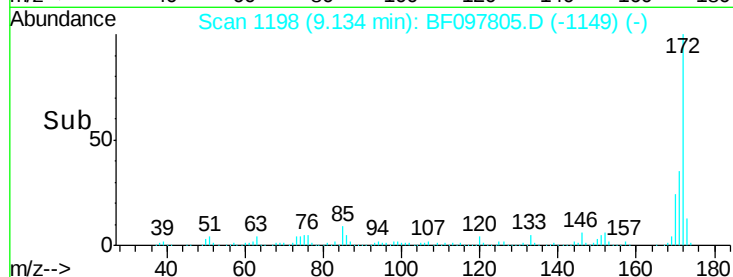
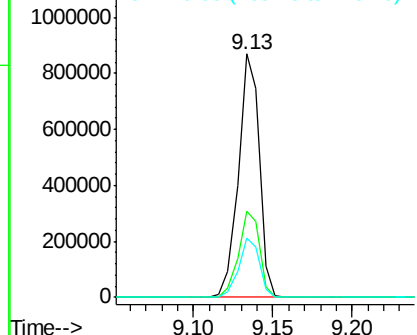
#44
 2-Fluorobiphenyl
 Concen: 63.79 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097805.D
 Acq: 18 Aug 2017 00:12

Instrument :
 BNA_F
 ClientSampleId :
 RURRSB-05

Tot Ion:172 Resp: 790962
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 24.4 19.8 29.8

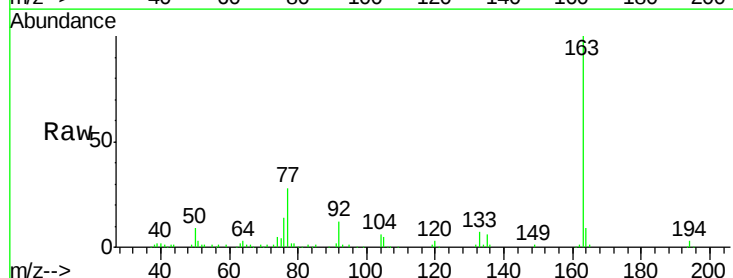


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

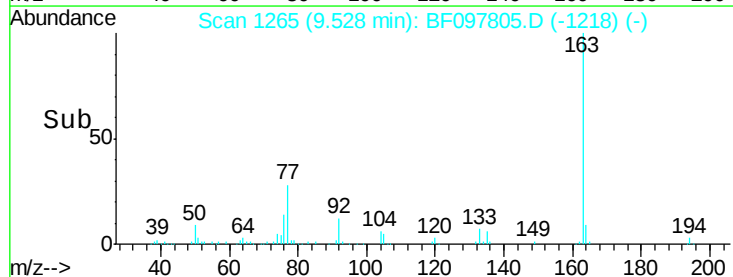
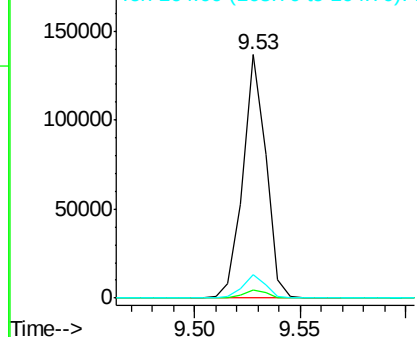


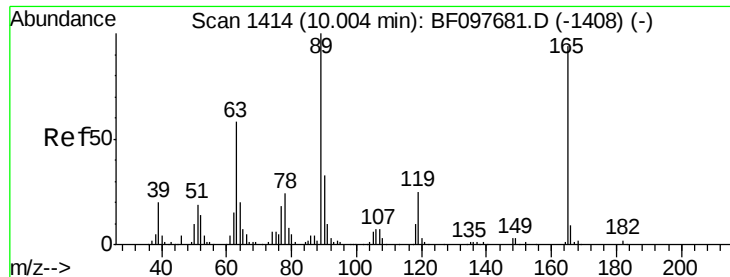
#49
 Dimethylphthalate
 Concen: 7.71 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF097805.D
 Acq: 18 Aug 2017 00:12

Tgt Ion:163 Resp: 102684
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 9.4 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

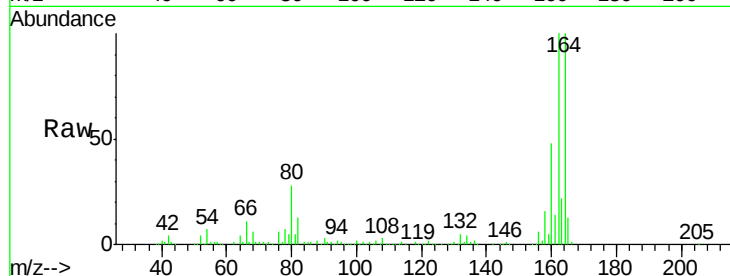




#56
 2,4-Dinitrotoluene
 Concen: 7.09 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF097805.D
 Acq: 18 Aug 2017 00:12

Instrument :
 BNA_F
 ClientSampleId :
 RURRSB-05

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

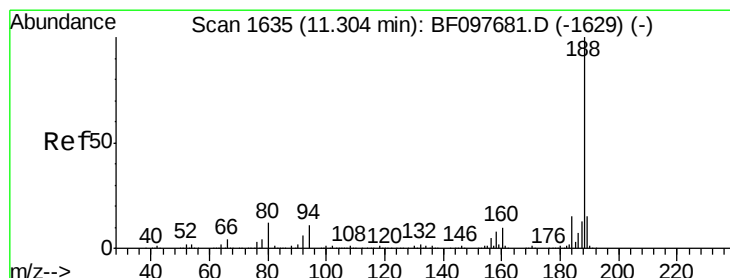
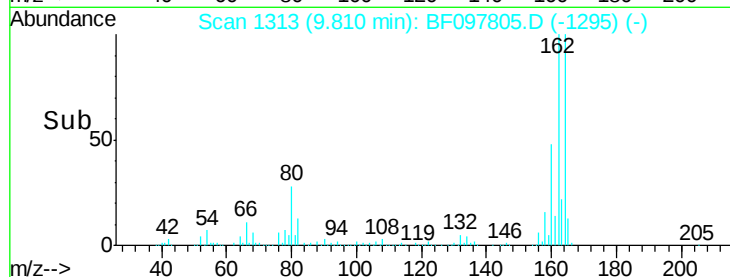
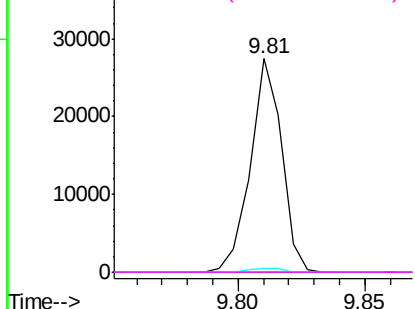


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

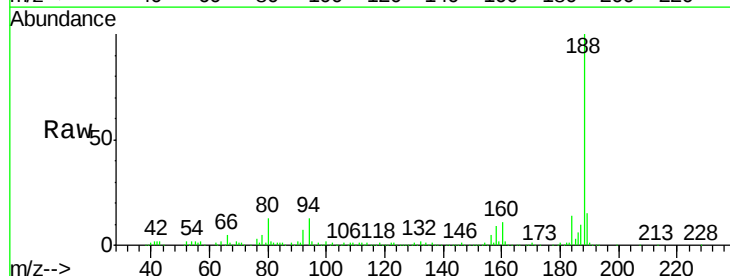
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF097805.D
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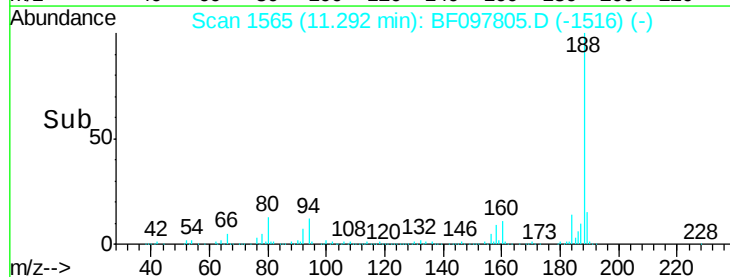
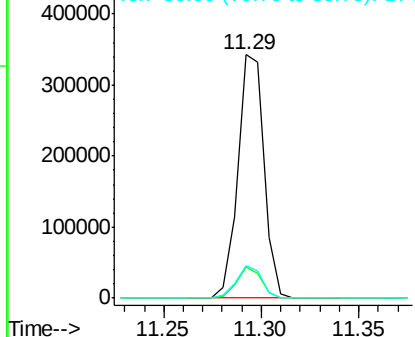
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.6	9.4	14.2
80	13.4	10.2	15.2

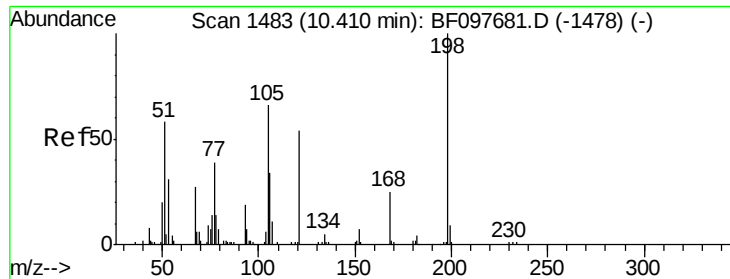


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 8.41 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.19 min

Lab File: BF097805.D

Acq: 18 Aug 2017 00:12

Instrument :

BNA_F

ClientSampleId :

RURRSB-05

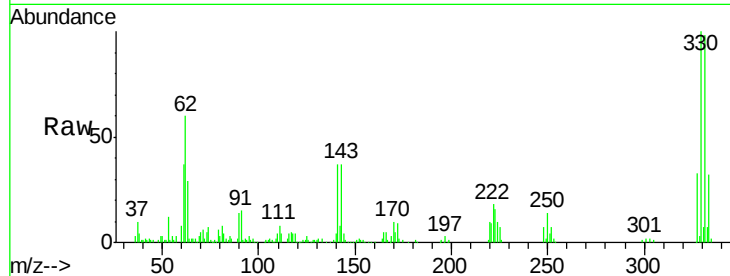
Tot Ion:198 Resp: 167

Ion Ratio Lower Upper

198 100

51 171.5 53.2 93.2#

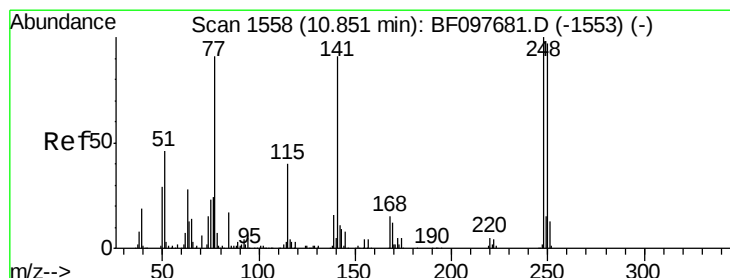
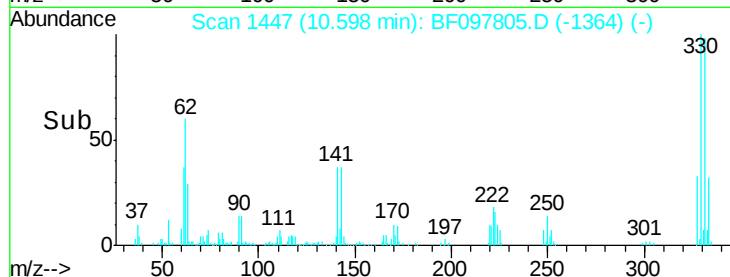
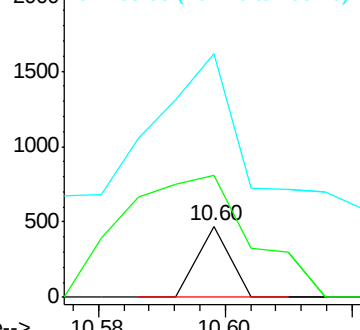
105 341.2 45.8 85.8#



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: 2.39 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.25 min

Lab File: BF097805.D

Acq: 18 Aug 2017 00:12

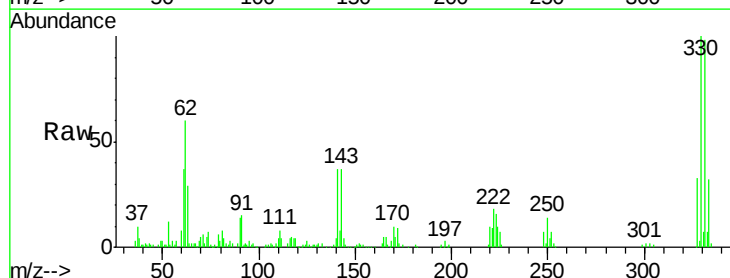
Tgt Ion:248 Resp: 7878

Ion Ratio Lower Upper

248 100

250 194.3 76.8 115.2#

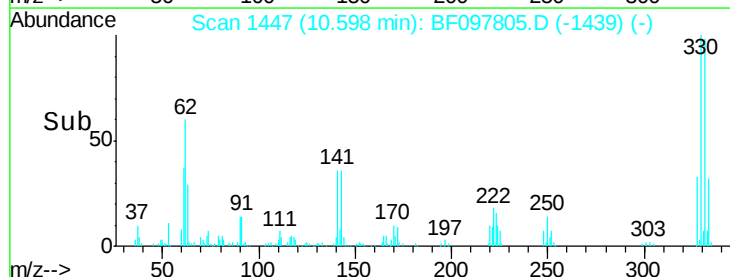
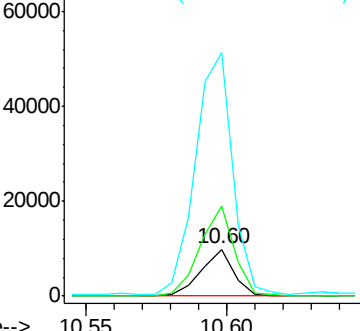
141 523.2 68.6 103.0#

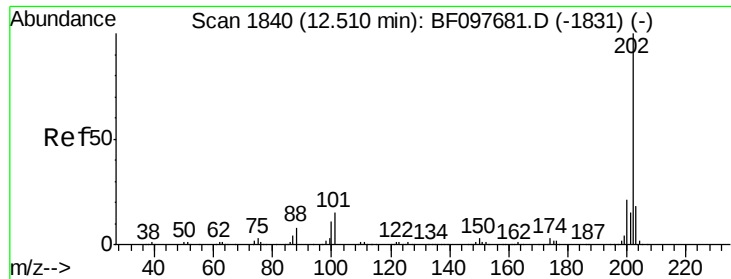


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#74

Fluoranthene

Concen: 2.85 ng

RT: 12.50 min Scan# 1771

Delta R.T. -0.01 min

Lab File: BF097805.D

Acq: 18 Aug 2017 00:12

Instrument :

BNA_F

ClientSampleId :

RURRSB-05

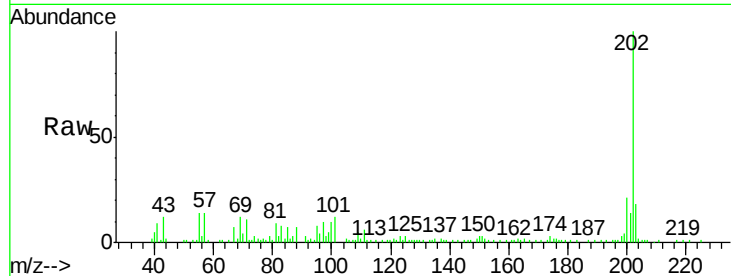
Tot Ion:202 Resp: 50280

Ion Ratio Lower Upper

202 100

101 12.3 0.0 33.2

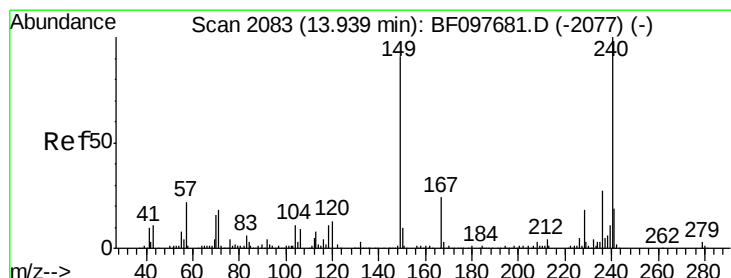
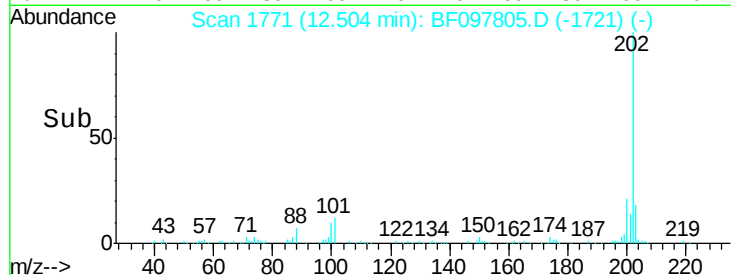
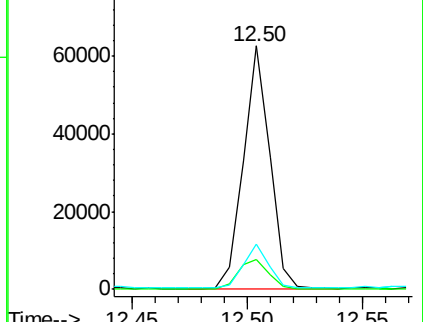
203 18.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF097805.D

Acq: 18 Aug 2017 00:12

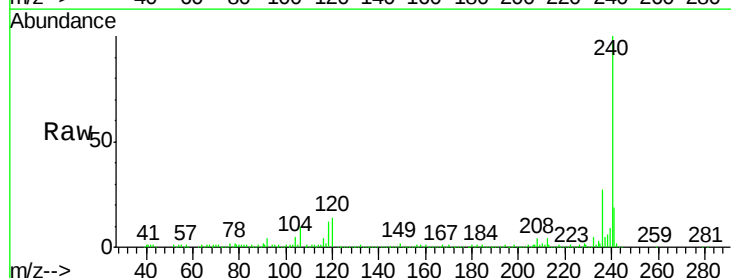
Tgt Ion:240 Resp: 323922

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

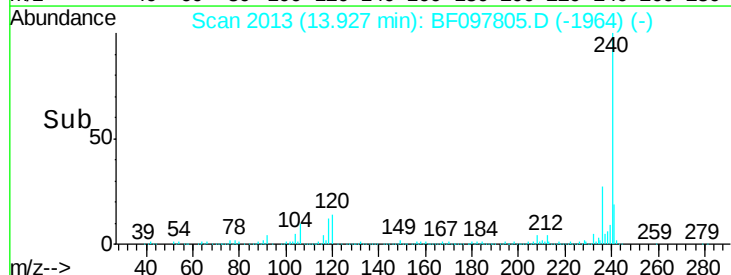
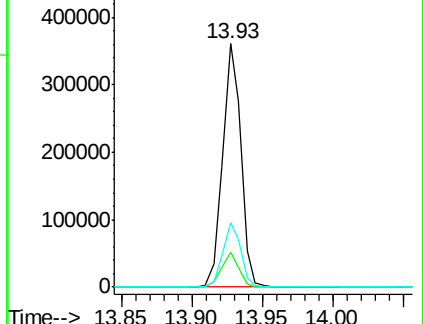
236 26.7 20.5 30.7

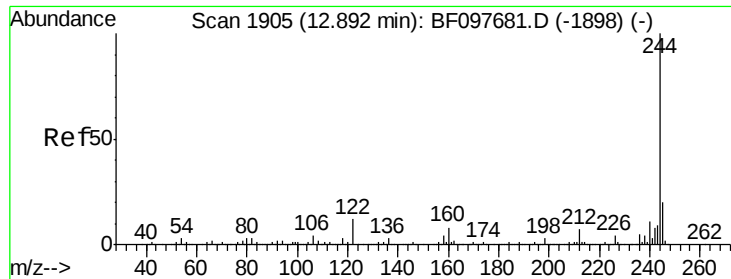


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

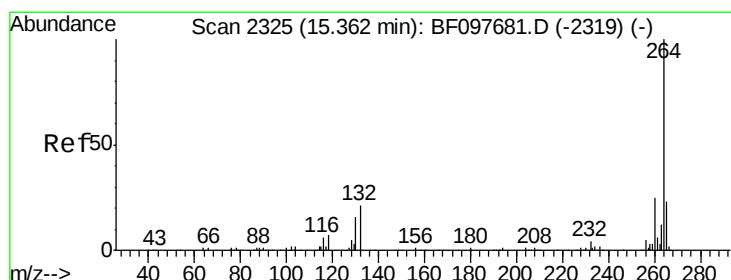
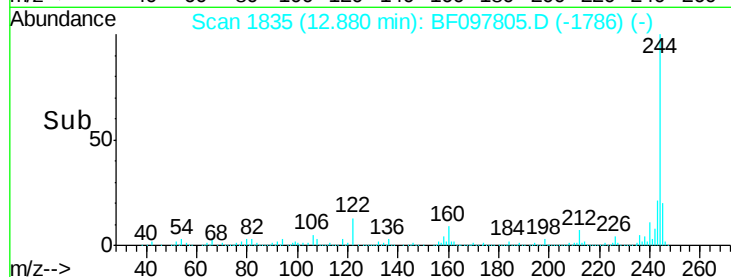
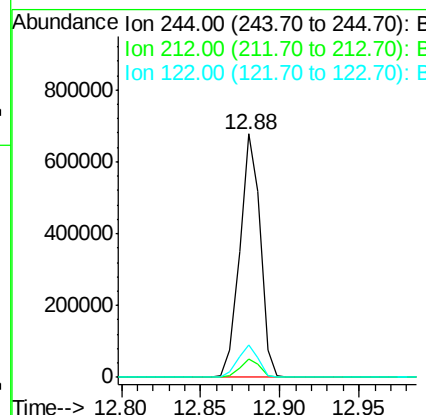
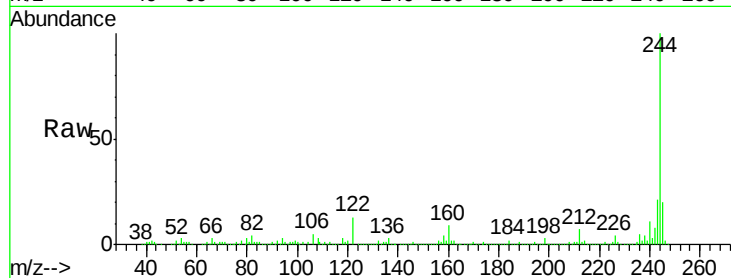




#78
 Terphenyl-d14
 Concen: 38.81 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BF097805.D
 Acq: 18 Aug 2017 00:12

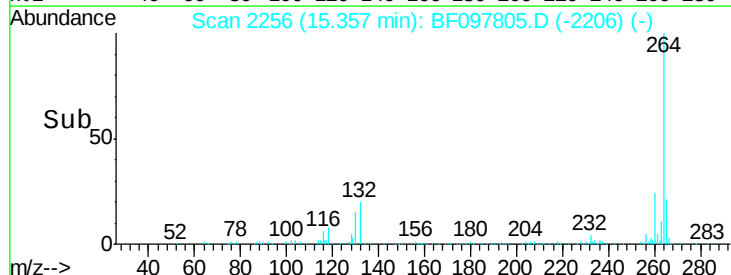
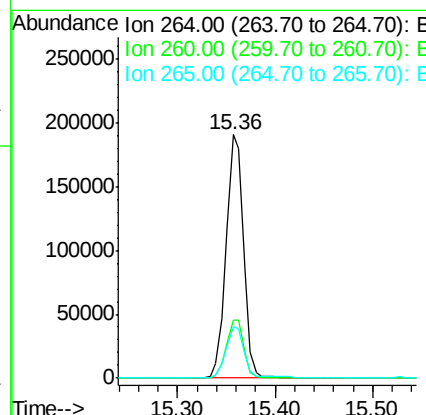
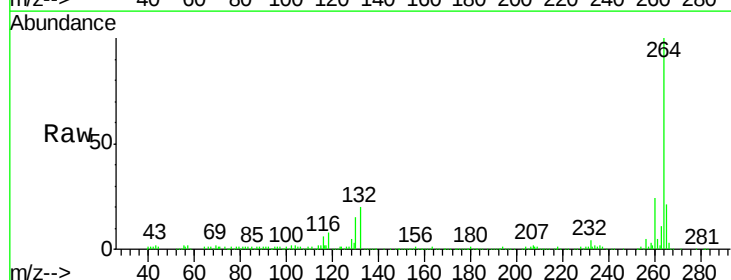
Instrument :
 BNA_F
 ClientSampleId :
 RURRSB-05

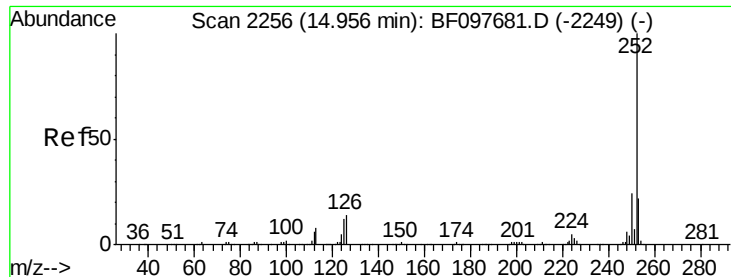
Tot Ion:244 Resp: 602896
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BF097805.D
 Acq: 18 Aug 2017 00:12

Tgt Ion:264 Resp: 235550
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.1 17.2 25.8

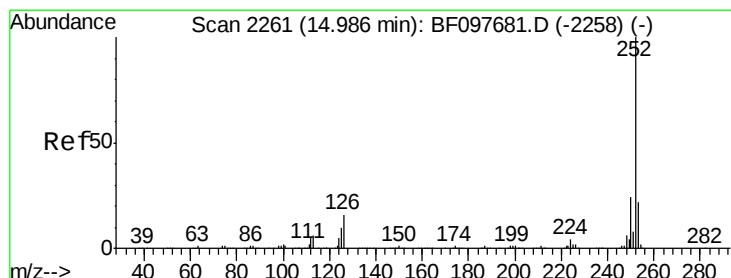
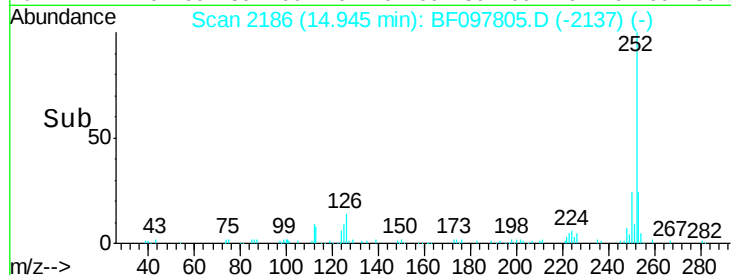
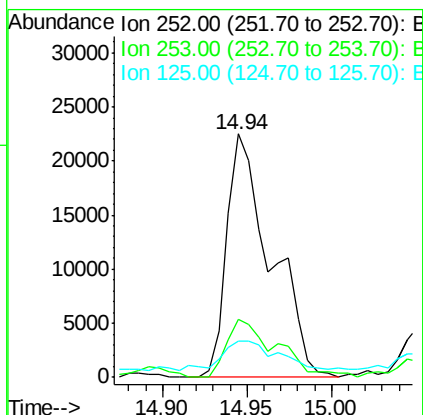
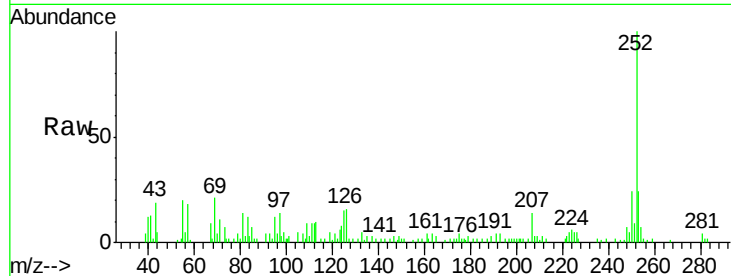




#87
Benzo(b)fluoranthene
Concen: 2.75 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF097805.D
Acq: 18 Aug 2017 00:12

Instrument :
BNA_F
ClientSampleId :
RURRSB-05

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	14.9	9.8	14.8#



#88
Benzo(k)fluoranthene
Concen: 2.92 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.04 min
Lab File: BF097805.D
Acq: 18 Aug 2017 00:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	14.9	13.1	19.7

