

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099774.D
 Acq On : 23 Oct 2017 22:18
 Operator : SJ/JU
 Sample : I5950-08RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170725-PA-A-COMP1RE

Quant Time: Oct 23 23:32:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:08:33 2017
 Response via : Initial Calibration

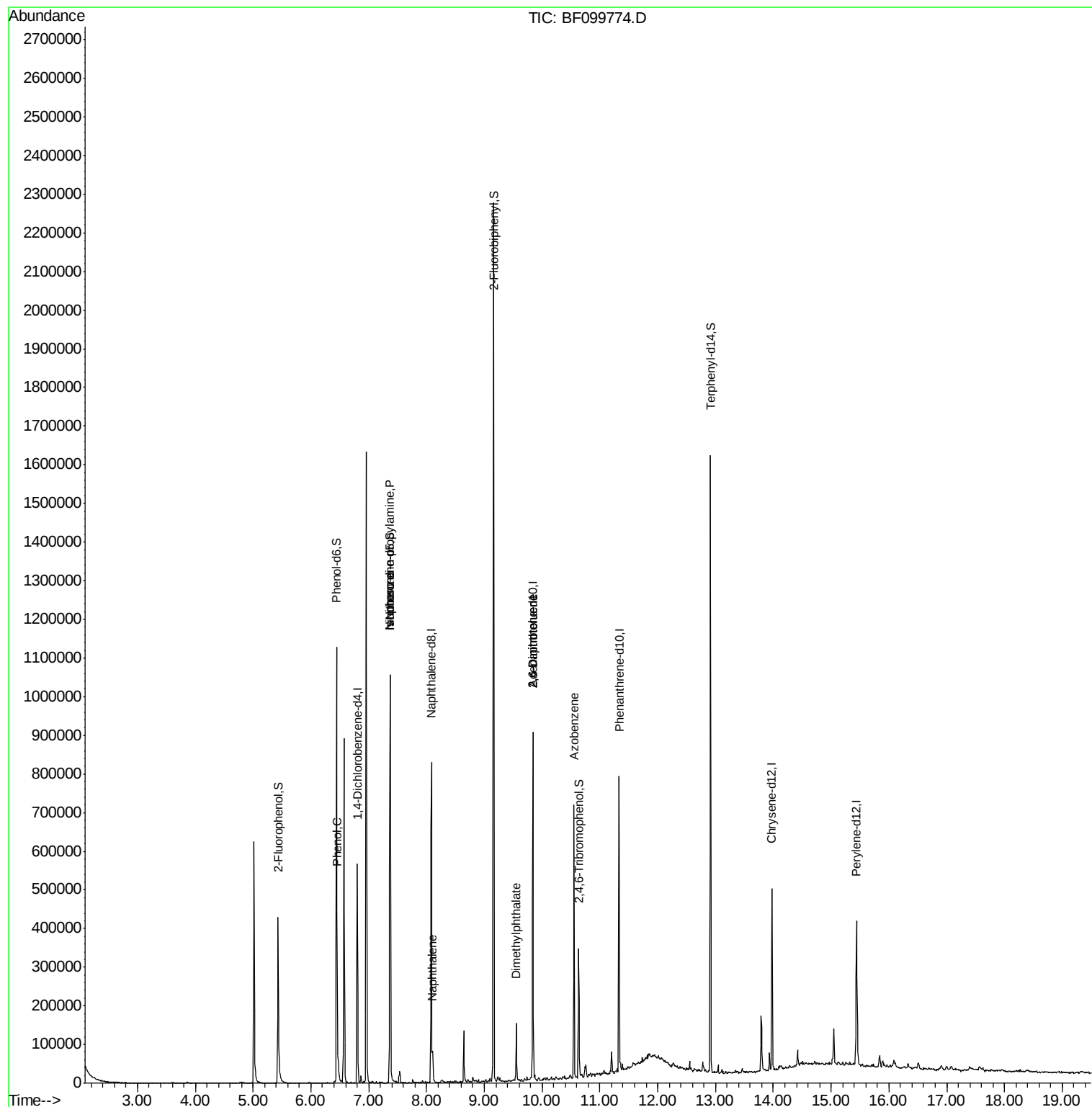
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	92928	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	384358	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	174375	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	281622	20.00	ng	0.00
75) Chrysene-d12	13.98	240	164742	20.00	ng	0.00
86) Perylene-d12	15.44	264	178291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	168994	28.55	ng	0.00
7) Phenol-d6	6.45	99	458596	65.34	ng	0.00
23) Nitrobenzene-d5	7.37	82	386766	64.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	35404	22.28	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	779091	68.93	ng	0.00
78) Terphenyl-d14	12.92	244	500139	66.35	ng	0.00
Target Compounds						
10) Phenol	6.46	94	21280	2.76	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.37	70	48775	11.86	ng	# 74
25) Isophorone	7.37	82	386761	35.70	ng	# 64
31) Naphthalene	8.10	128	44839	2.42	ng	98
49) Dimethylphthalate	9.56	163	58066	4.20	ng	99
50) 2,6-Dinitrotoluene	9.84	165	22922	7.90	ng	# 26
56) 2,4-Dinitrotoluene	9.84	165	22922	6.56	ng	# 23
62) Azobenzene	10.55	77	117591	10.40	ng	# 1

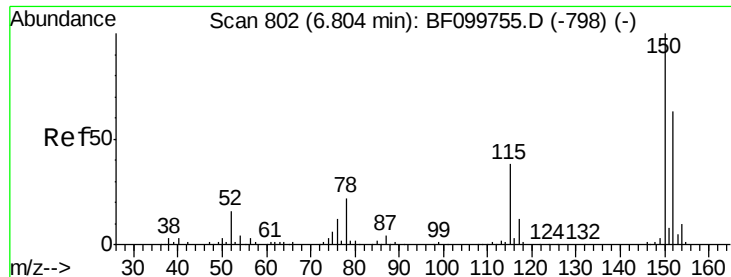
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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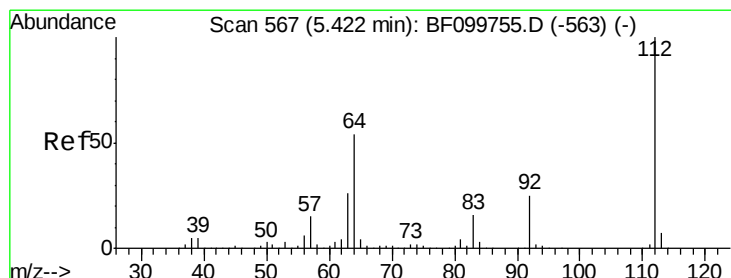
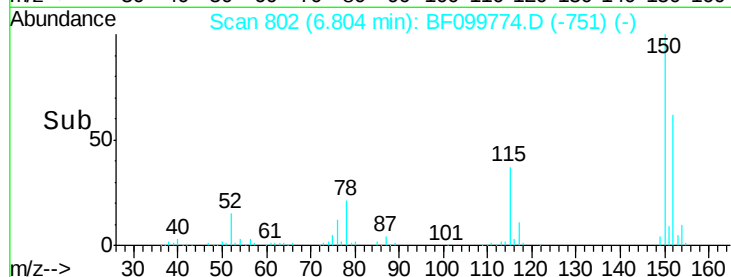
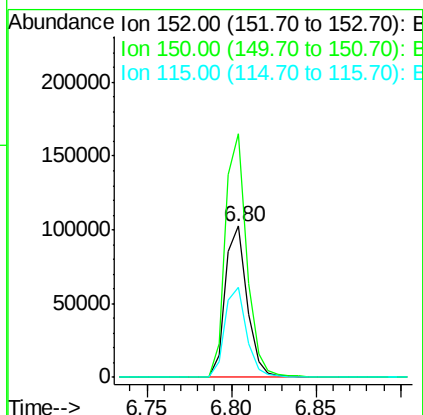
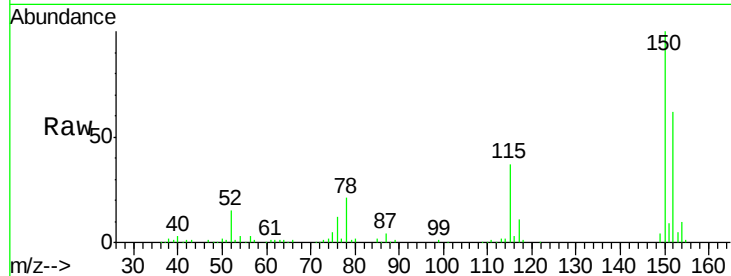


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099774.D
Acq: 23 Oct 2017 22:18

Instrument :
BNA_F
ClientSampleId :
20170725-PA-A-COMP1RE

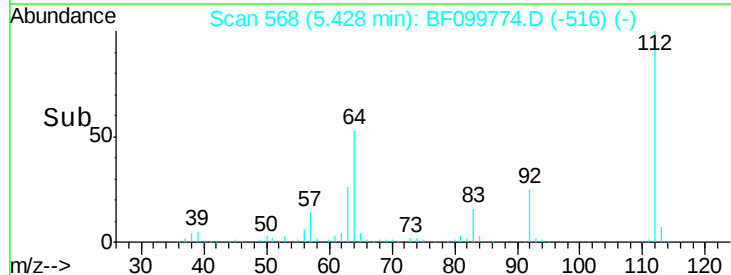
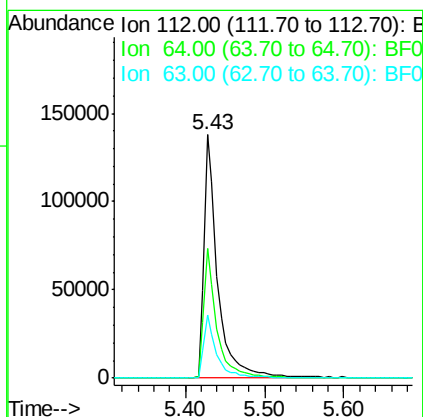
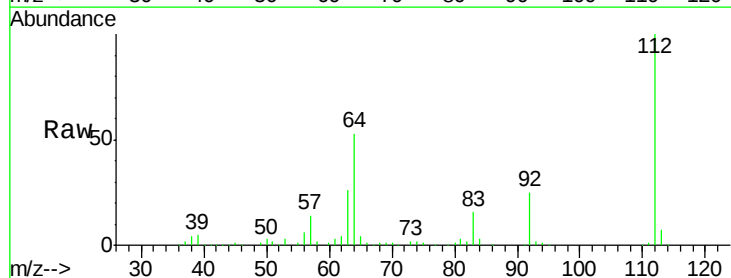
Tot Ion:152 Resp: 92928
Ion Ratio Lower Upper
152 100
150 161.3 124.6 186.8
115 59.4 50.1 75.1

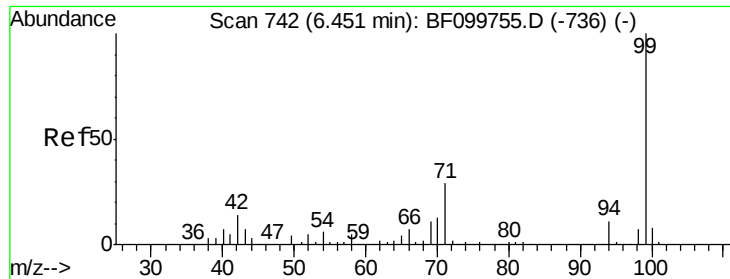


#5

2-Fluorophenol
Concen: 28.55 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099774.D
Acq: 23 Oct 2017 22:18

Tgt Ion:112 Resp: 168994
Ion Ratio Lower Upper
112 100
64 53.5 47.9 71.9
63 26.0 23.7 35.5





#7

Phenol-d6

Concen: 65.34 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099774.D

Acq: 23 Oct 2017 22:18

Instrument :

BNA_F

ClientSampleId :

20170725-PA-A-COMP1RE

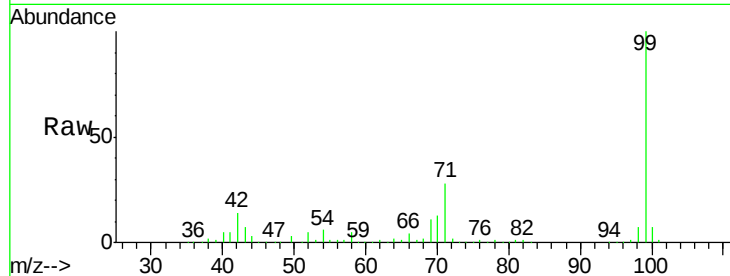
Tot Ion: 99 Resp: 458596

Ion Ratio Lower Upper

99 100

42 13.6 14.5 21.7#

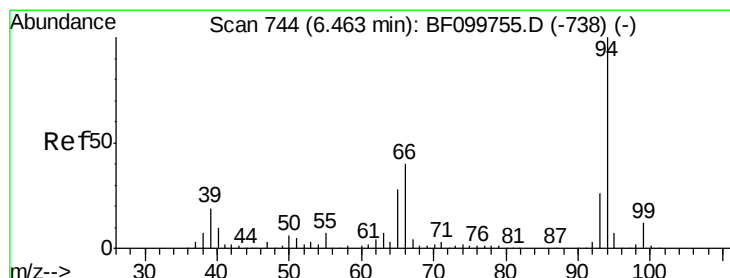
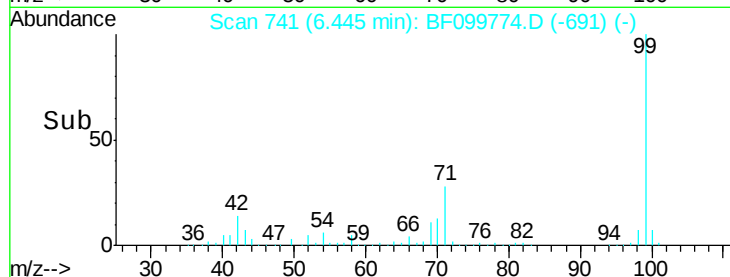
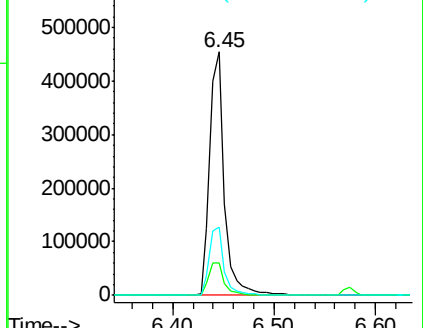
71 28.2 25.4 38.0



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: 2.76 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099774.D

Acq: 23 Oct 2017 22:18

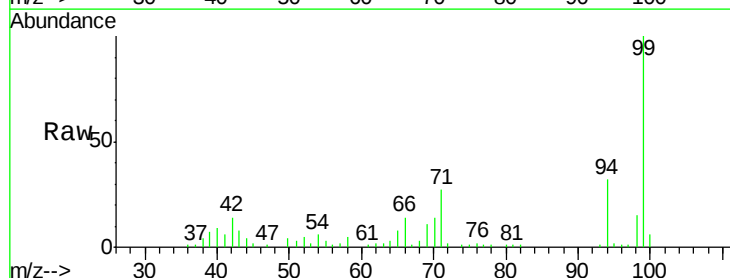
Tgt Ion: 94 Resp: 21280

Ion Ratio Lower Upper

94 100

65 24.7 7.9 47.9

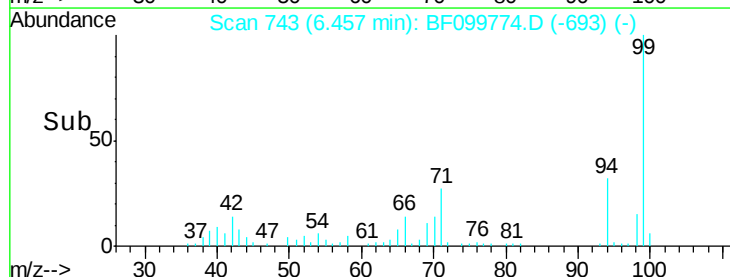
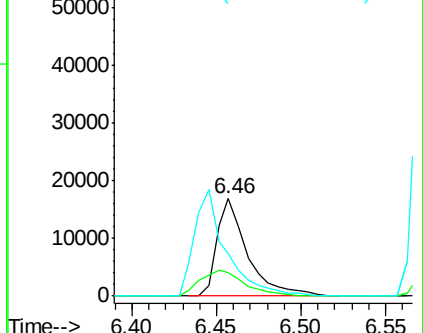
66 44.1 16.2 56.2

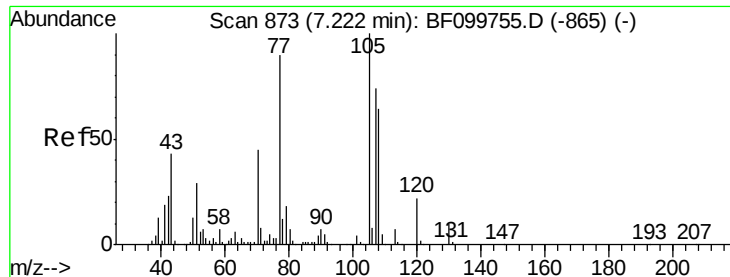


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

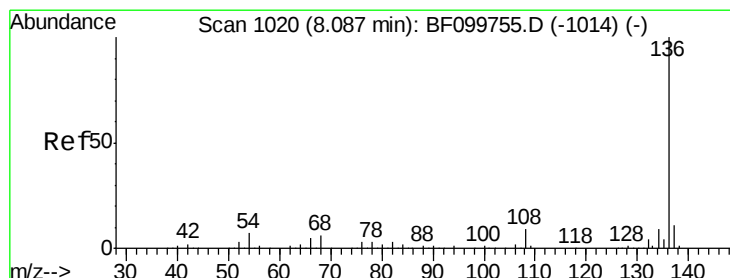
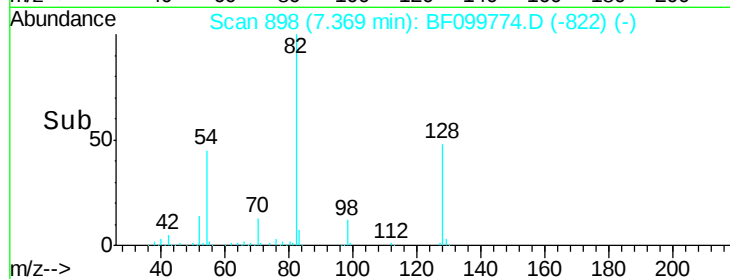
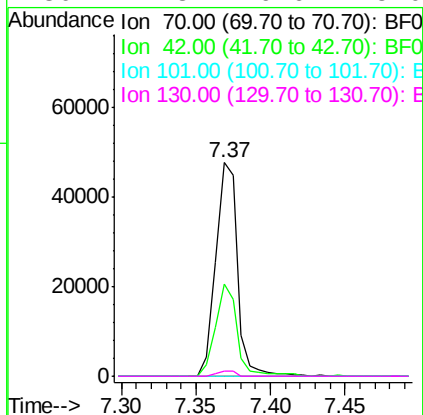
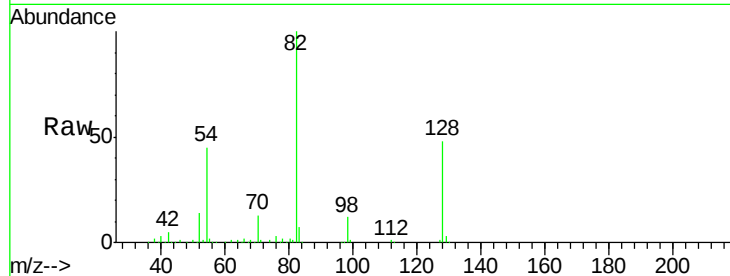




#19
n-Nitroso-di-n-propylamine
Concen: 11.86 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF099774.D
Acq: 23 Oct 2017 22:18

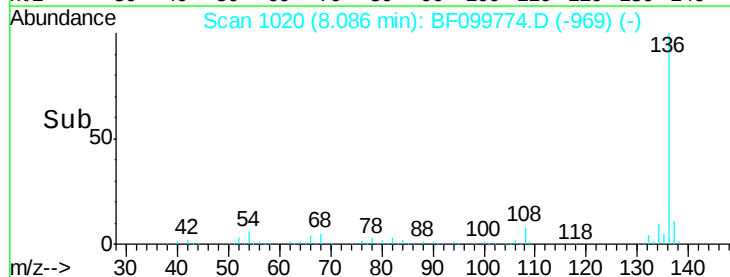
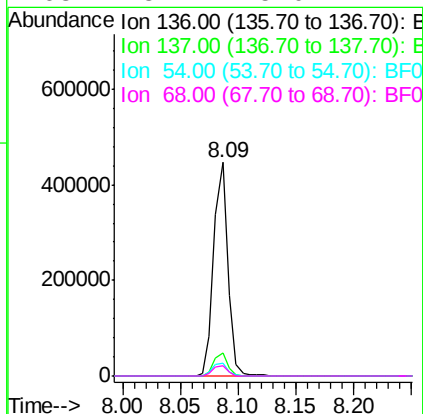
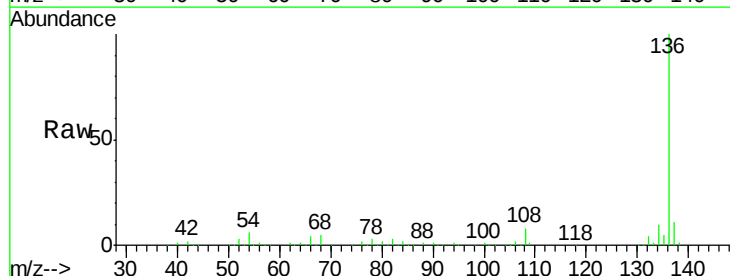
Instrument :
BNA_F
ClientSampleId :
20170725-PA-A-COMP1RE

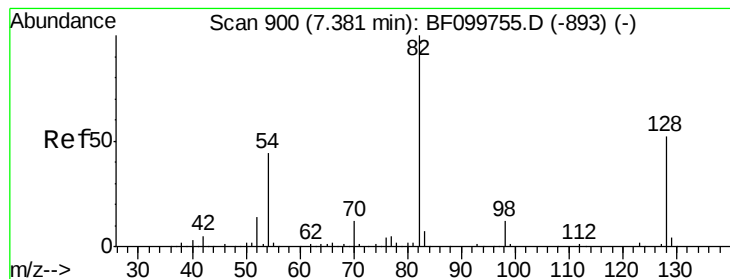
Tot Ion: 70 Resp: 48775
Ion Ratio Lower Upper
70 100
42 43.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099774.D
Acq: 23 Oct 2017 22:18

Tgt Ion: 136 Resp: 384358
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.3 6.6 9.8#
68 5.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 64.78 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF099774.D

Acq: 23 Oct 2017 22:18

Instrument :

BNA_F

ClientSampleId :

20170725-PA-A-COMP1RE

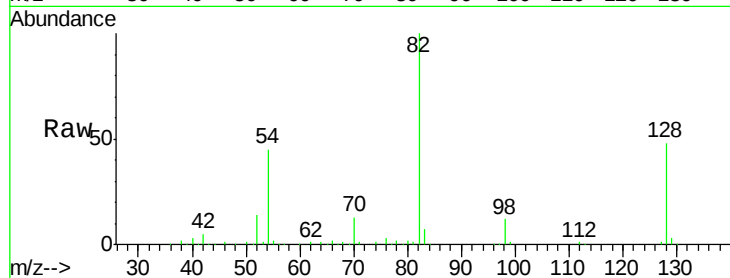
Tot Ion: 82 Resp: 386766

Ion Ratio Lower Upper

82 100

128 48.3 36.1 54.1

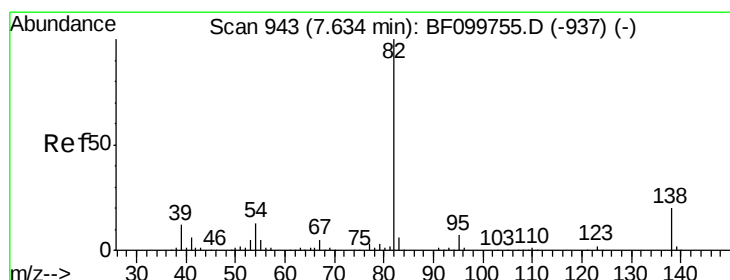
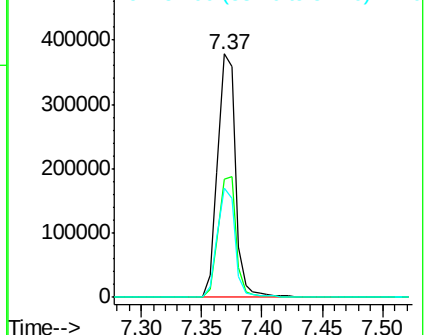
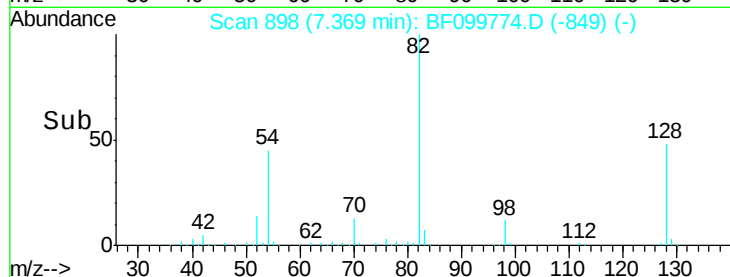
54 45.0 41.4 62.2



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: 35.70 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF099774.D

Acq: 23 Oct 2017 22:18

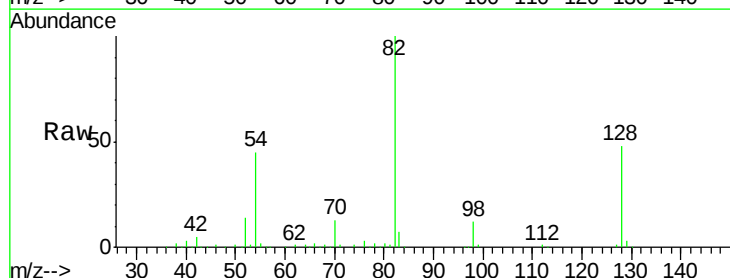
Tgt Ion: 82 Resp: 386761

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

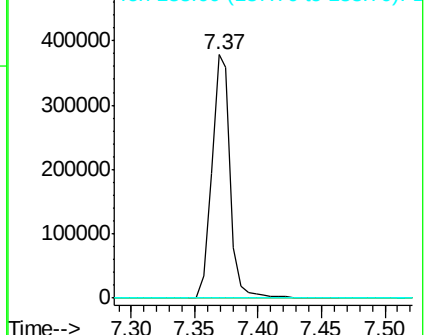
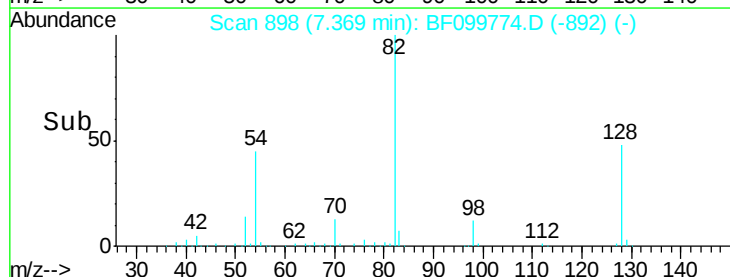
138 0.0 14.9 22.3#

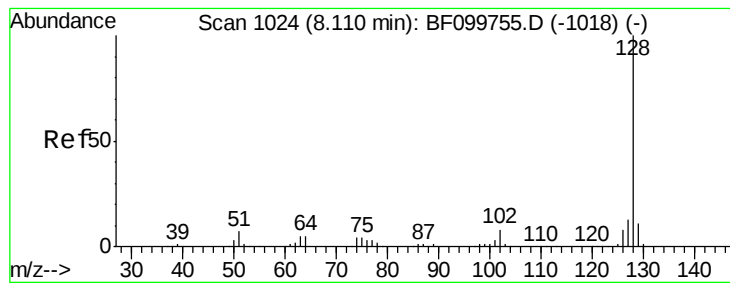


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 2.42 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF099774.D

Acq: 23 Oct 2017 22:18

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ClientSampleId :

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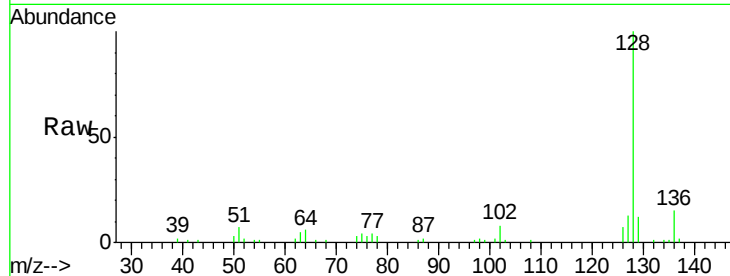
Tot Ion:128 Resp: 44839

Ion Ratio Lower Upper

128 100

129 12.0 8.8 13.2

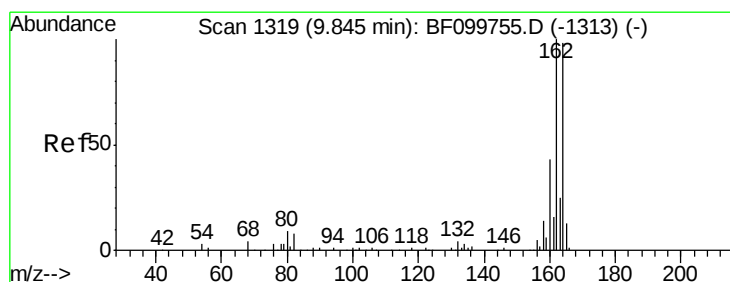
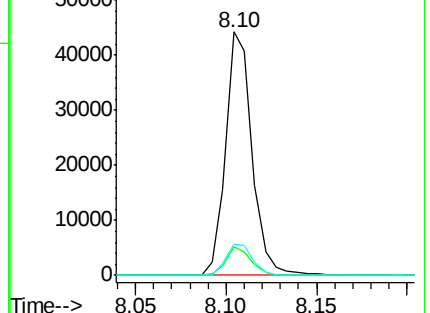
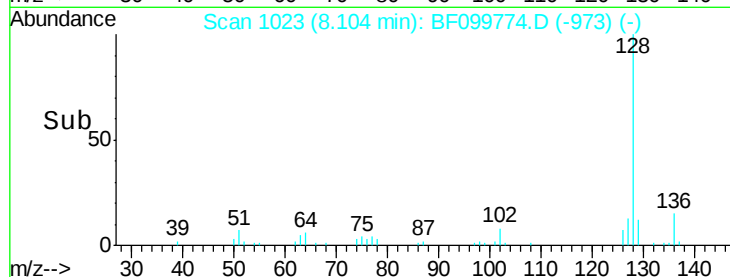
127 12.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF099774.D

Acq: 23 Oct 2017 22:18

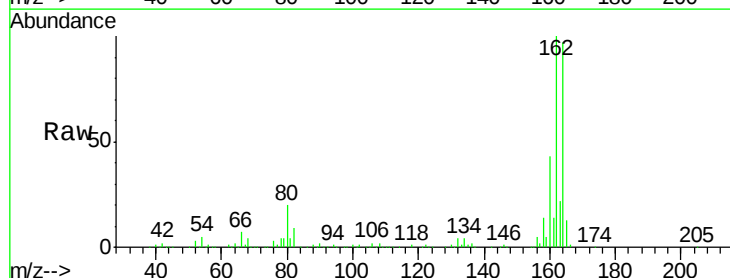
Tgt Ion:164 Resp: 174375

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

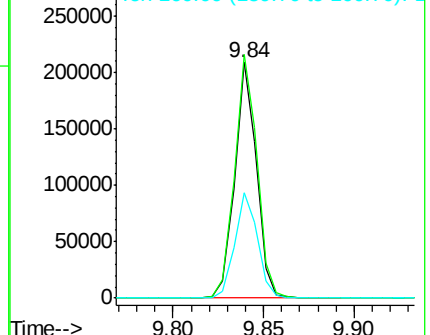
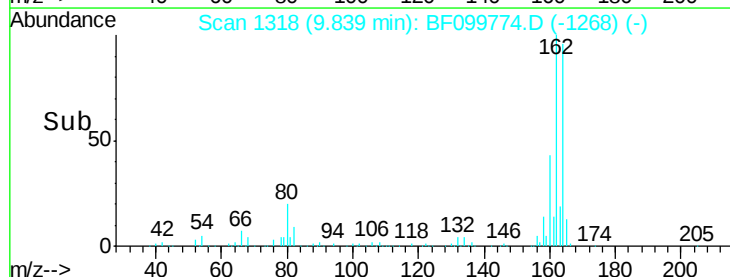
160 44.8 38.3 57.5

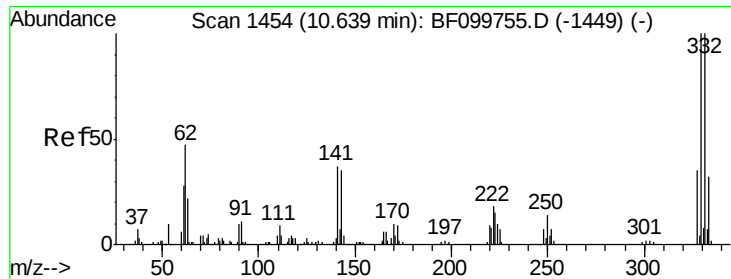


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

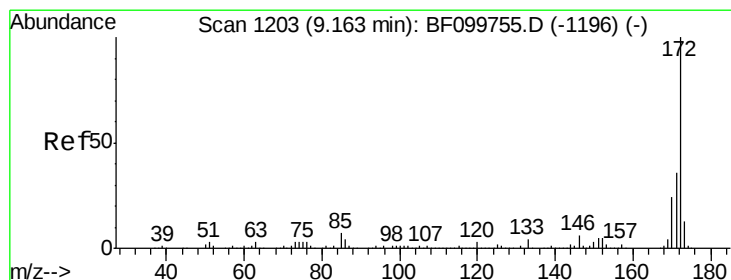
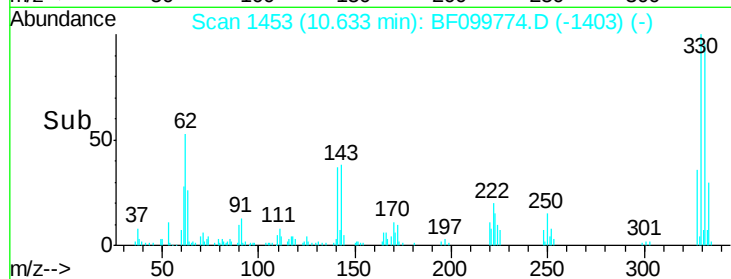
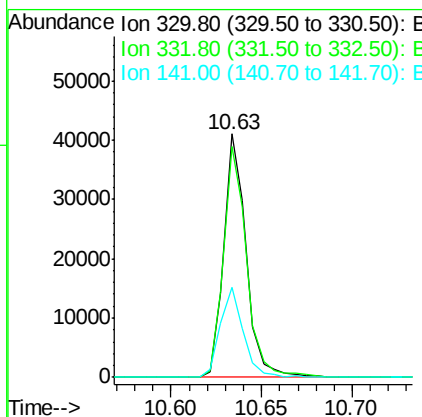
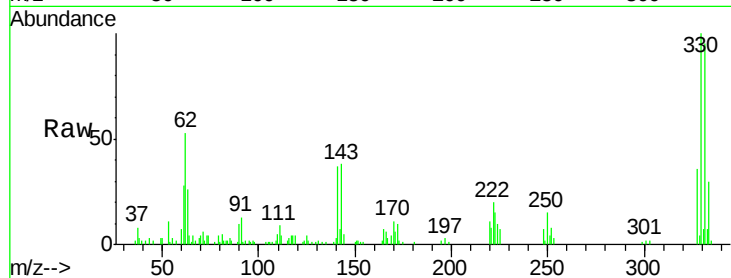




#41
 2,4,6-Tribromophenol
 Concen: 22.28 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF099774.D
 Acq: 23 Oct 2017 22:18

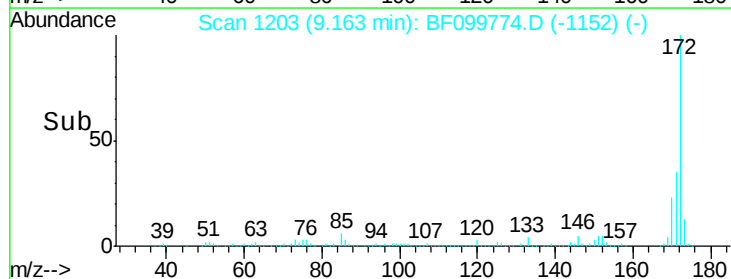
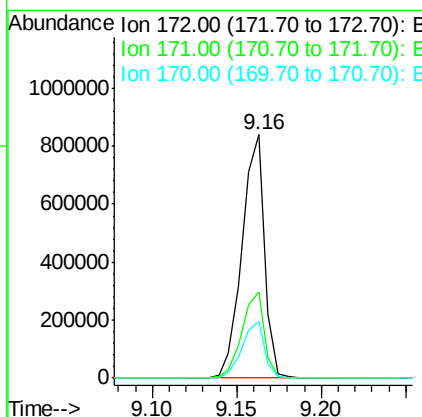
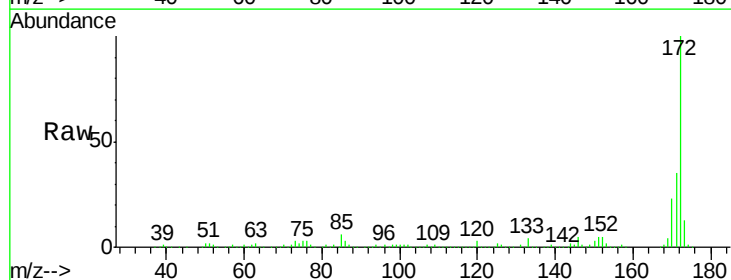
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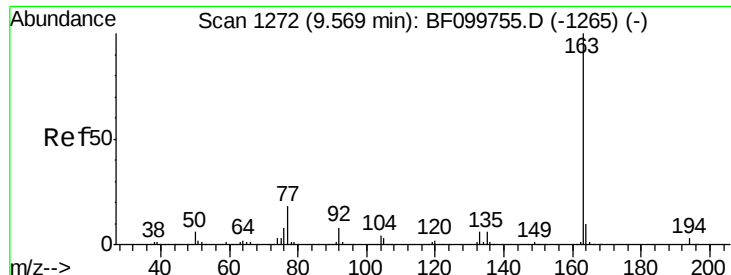
Tot Ion:330 Resp: 35404
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 38.0 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 68.93 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099774.D
 Acq: 23 Oct 2017 22:18

Tgt Ion:172 Resp: 779091
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 23.4 19.6 29.4

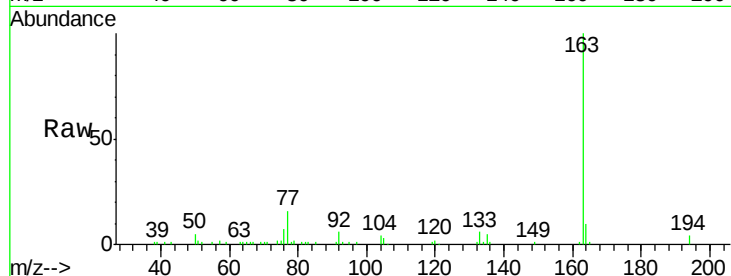




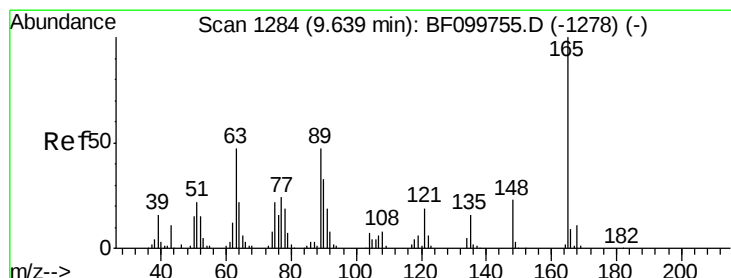
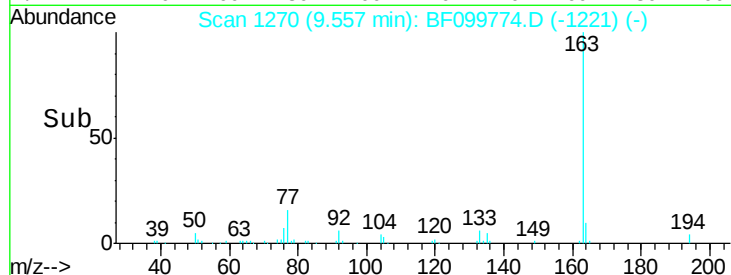
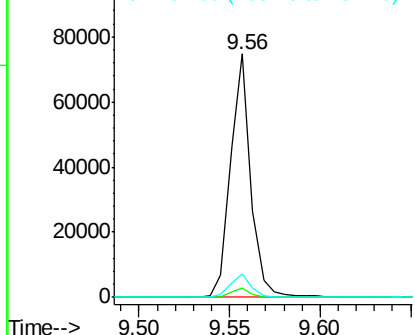
#49
Dimethylphthalate
Concen: 4.20 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF099774.D
Acq: 23 Oct 2017 22:18

Instrument :
BNA_F
ClientSampleId :
20170725-PA-A-COMP1RE

Tot Ion:163 Resp: 58066
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.8 8.2 12.2

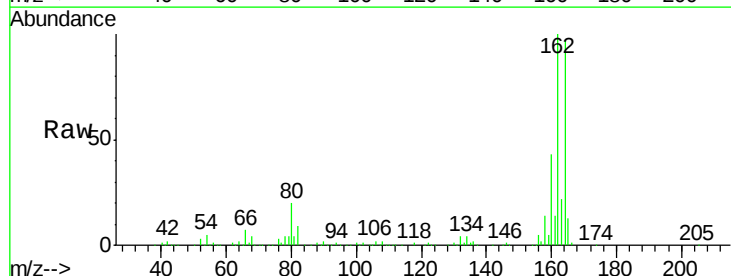


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

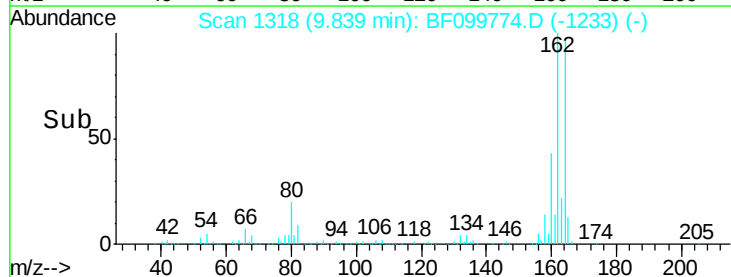
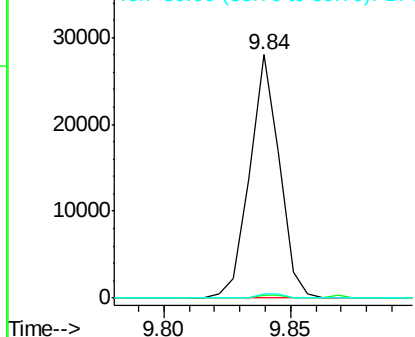


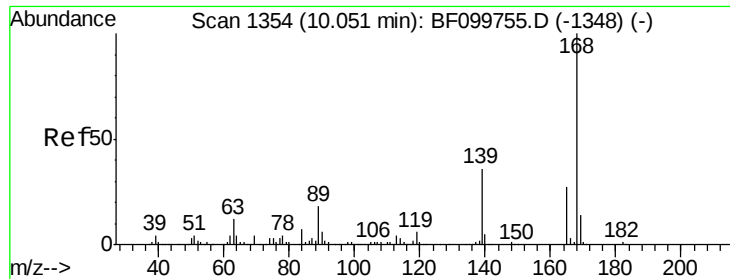
#50
2,6-Dinitrotoluene
Concen: 7.90 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.20 min
Lab File: BF099774.D
Acq: 23 Oct 2017 22:18

Tgt Ion:165 Resp: 22922
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.6 44.0 66.0#



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

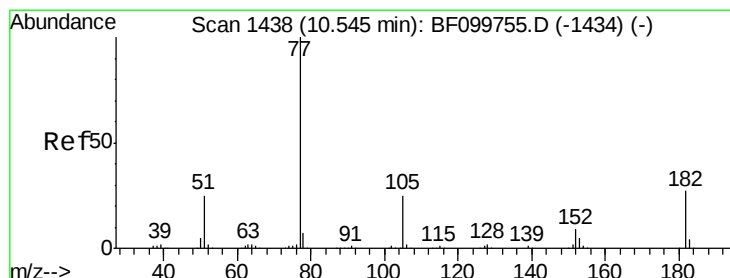
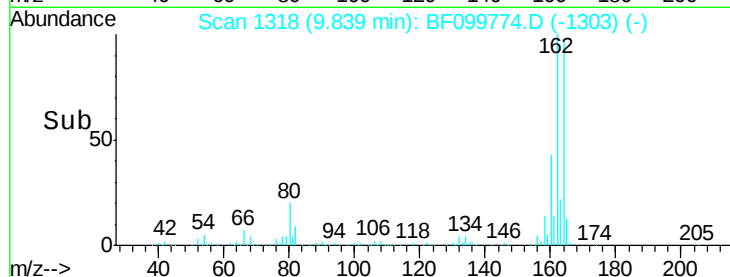
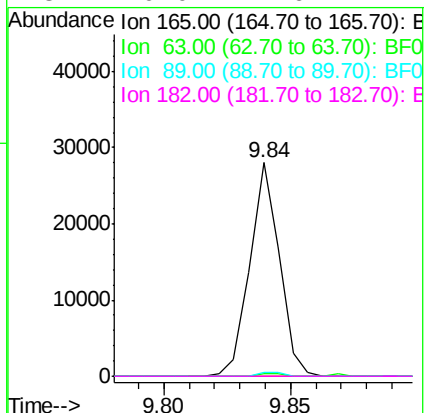
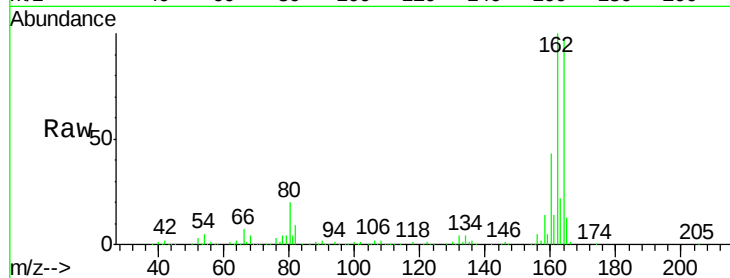




#56
2,4-Dinitrotoluene
Concen: 6.56 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.21 min
Lab File: BF099774.D
Acq: 23 Oct 2017 22:18

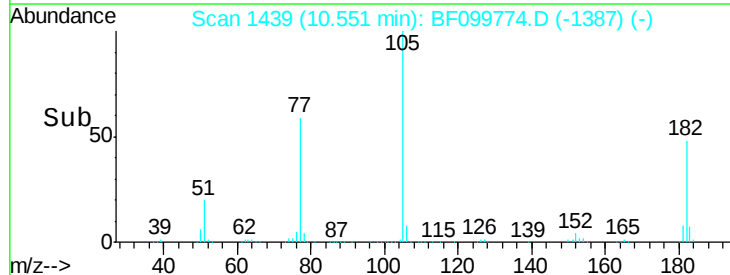
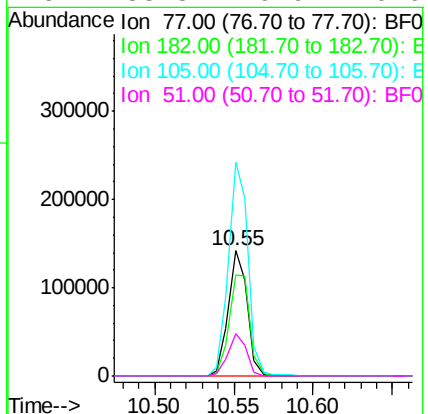
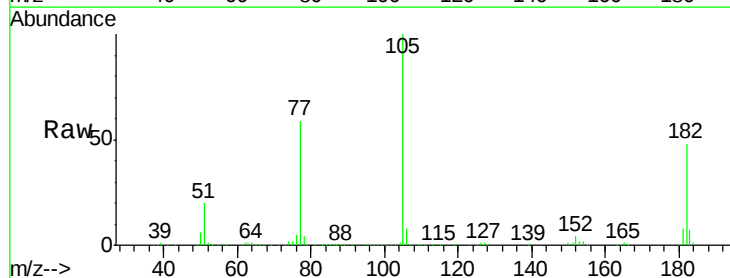
Instrument :
BNA_F
ClientSampleId :
20170725-PA-A-COMP1RE

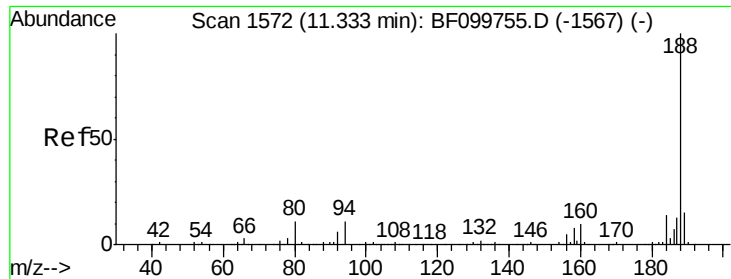
Tot Ion:165 Resp: 22922
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.6 57.8 86.6#
182 0.0 1.6 2.4#



#62
Azobenzene
Concen: 10.40 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF099774.D
Acq: 23 Oct 2017 22:18

Tgt Ion: 77 Resp: 117591
Ion Ratio Lower Upper
77 100
182 81.2 1.7 41.7#
105 170.6 3.0 43.0#
51 33.8 9.9 49.9

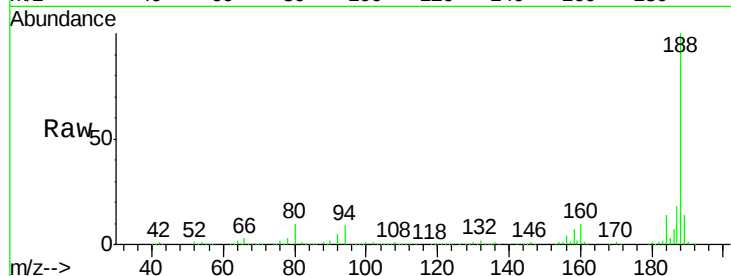




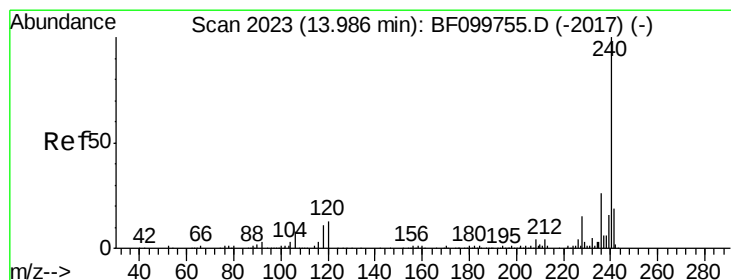
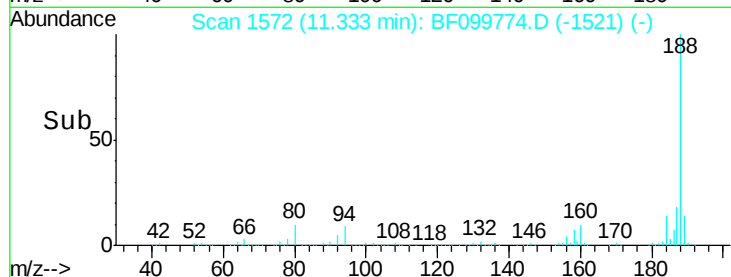
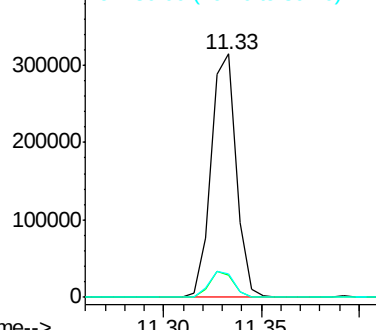
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099774.D
Acq: 23 Oct 2017 22:18

Instrument :
BNA_F
ClientSampleId :
20170725-PA-A-COMP1RE

Tot Ion:188 Resp: 281622
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.6 9.2 13.8

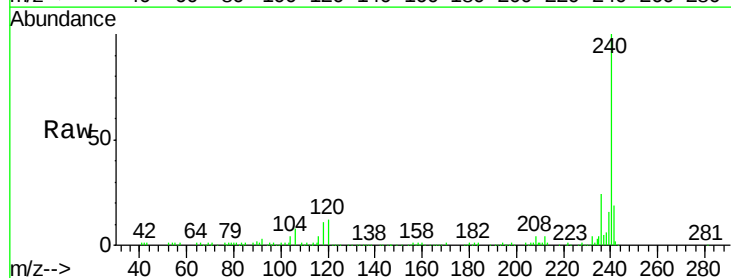


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

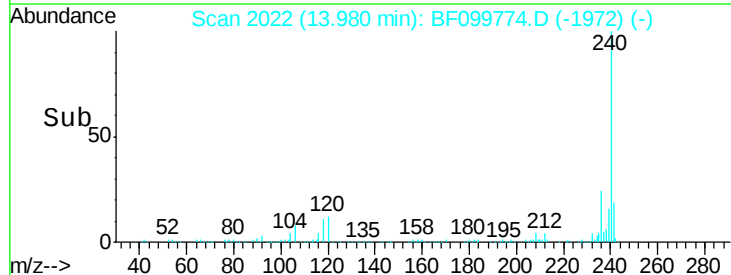
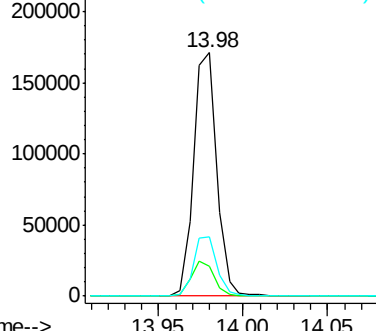


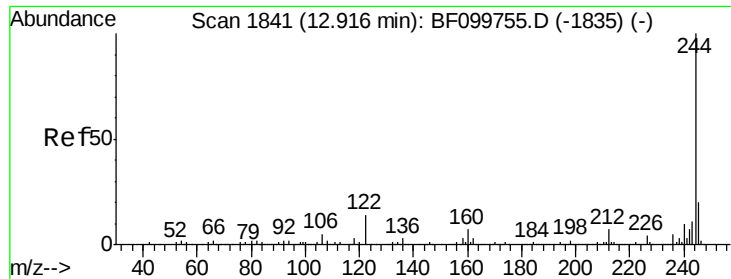
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099774.D
Acq: 23 Oct 2017 22:18

Tgt Ion:240 Resp: 164742
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 24.3 20.7 31.1



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

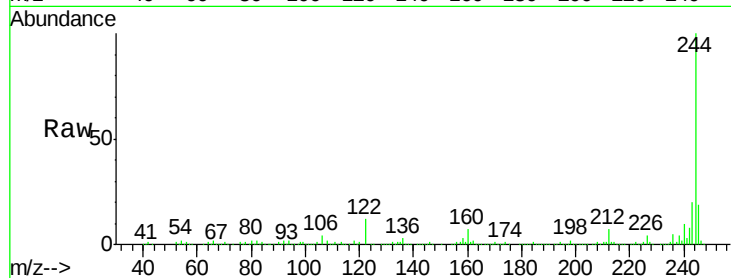




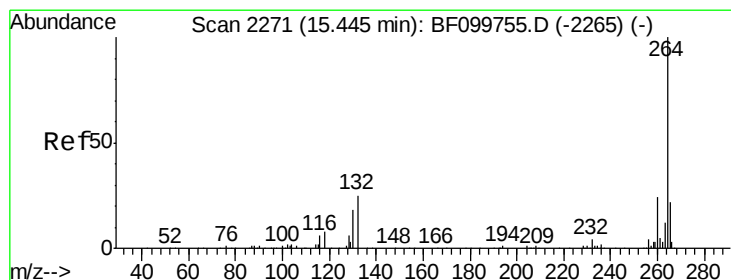
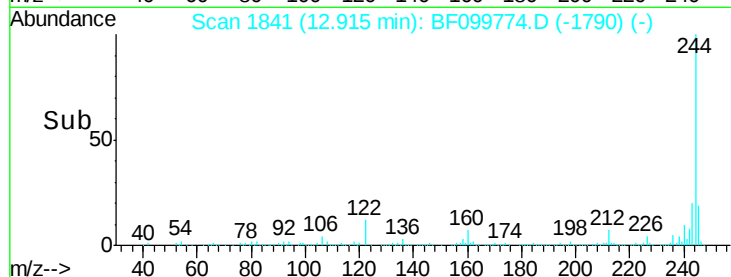
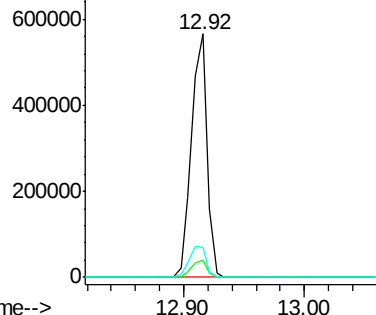
#78
 Terphenyl-d14
 Concen: 66.35 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099774.D
 Acq: 23 Oct 2017 22:18

Instrument :
 BNA_F
 ClientSampleId :
 20170725-PA-A-COMP1RE

Tot Ion:244 Resp: 500139
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.1 11.0 16.4

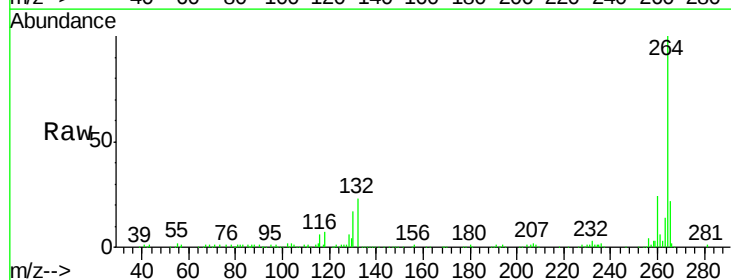


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BF099774.D
 Acq: 23 Oct 2017 22:18

Tgt Ion:264 Resp: 178291
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.1 17.5 26.3



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

