

Data File : BF093017.D
Acq On : 17 Feb 2017 18:20
Operator : SJ/MA
Sample : I1879-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M-3

Quant Time: Feb 17 22:14:56 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	178282	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	699530	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	334819	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	604039	20.00	ng	0.00
75) Chrysene-d12	14.01	240	523960	20.00	ng	-0.01
86) Perylene-d12	15.44	264	404270	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1090967	104.98	ng	0.01
7) Phenol-d6	6.50	99	1408851	105.37	ng	0.01
23) Nitrobenzene-d5	7.42	82	853967	67.98	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	271019	111.92	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1398499	75.67	ng	0.00
78) Terphenyl-d14	12.96	244	1166199	52.30	ng	-0.01
Target Compounds						
10) Phenol	6.51	94	71601	4.58	ng	# 60
19) n-Nitroso-di-n-propylamine	7.42	70	111935	13.15	ng	# 79
49) Dimethylphthalate	9.61	163	255158	11.31	ng	99
56) 2,4-Dinitrotoluene	9.89	165	42895	6.62	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.68	198	641	2.83	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	19900	3.15	ng	# 1

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

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M-3

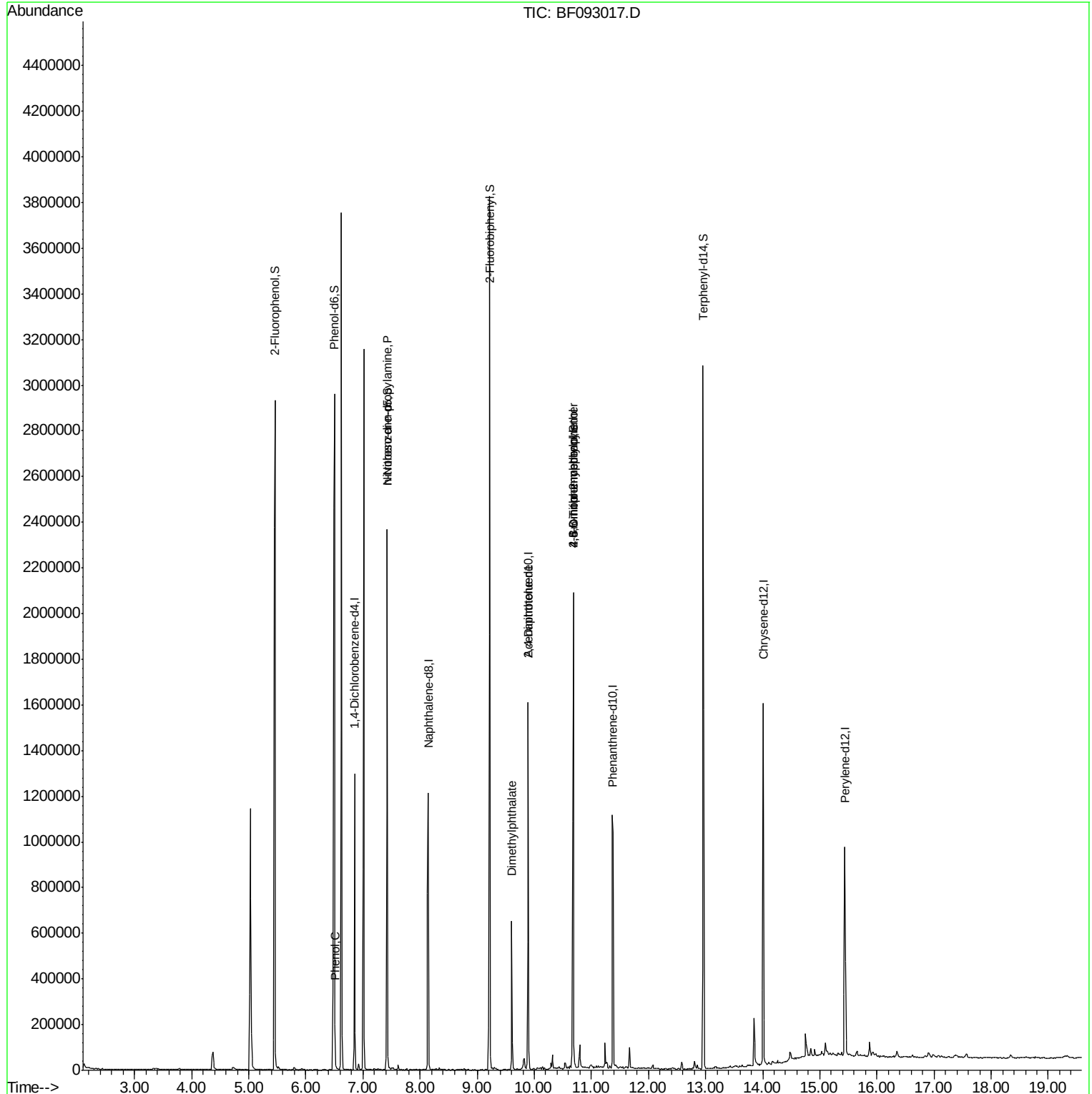
Quant Time: Feb 17 22:14:56 2017

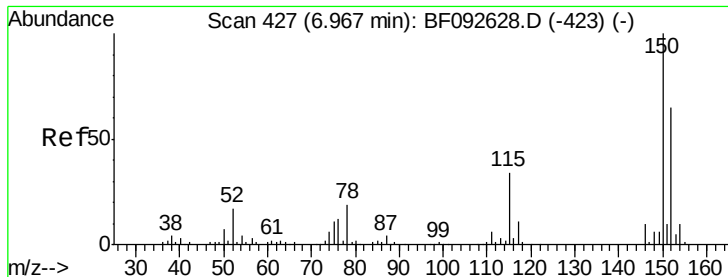
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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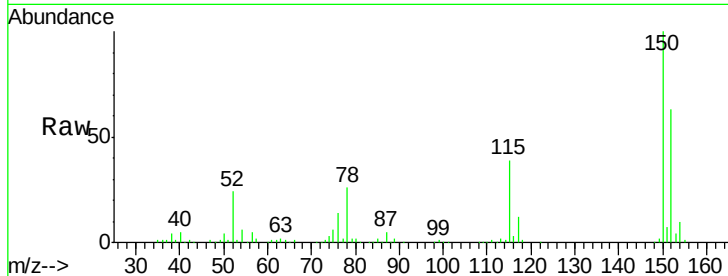


#1

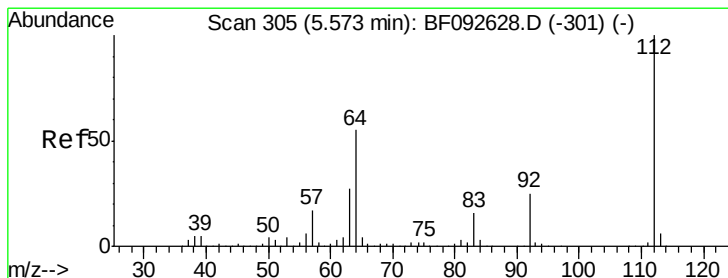
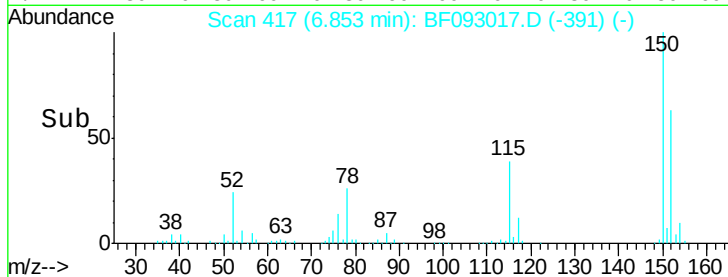
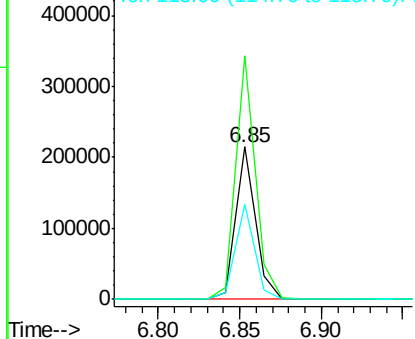
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF093017.D
Acq: 17 Feb 2017 18:20

Instrument :
BNA_F
ClientSampled :
M-3

Tgt Ion:152 Resp: 178282
Ion Ratio Lower Upper
152 100
150 159.5 124.9 187.3
115 62.3 46.0 69.0



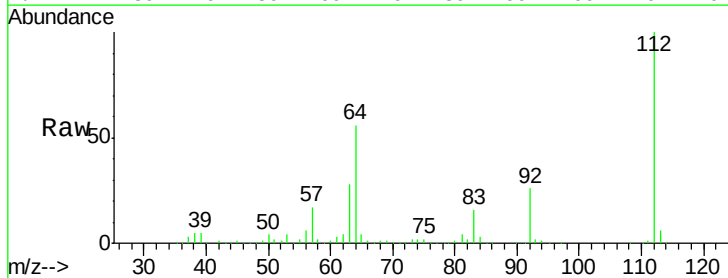
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



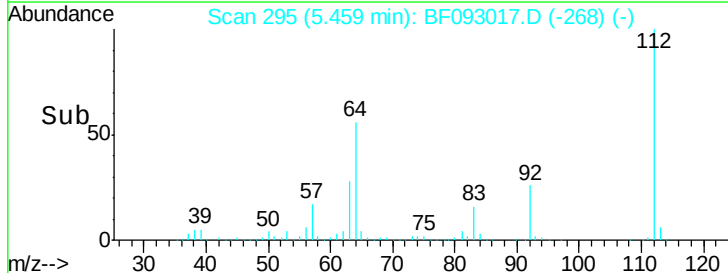
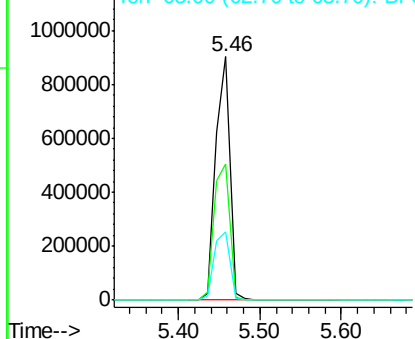
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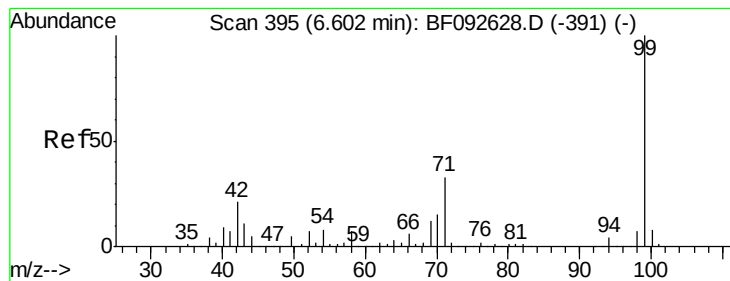
2-Fluorophenol
Concen: 104.98 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF093017.D
Acq: 17 Feb 2017 18:20

Tgt Ion:112 Resp: 1090967
Ion Ratio Lower Upper
112 100
64 56.0 46.1 69.1
63 28.0 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.37 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF093017.D

Acq: 17 Feb 2017 18:20

Instrument :

BNA_F

ClientSampleId :

M-3

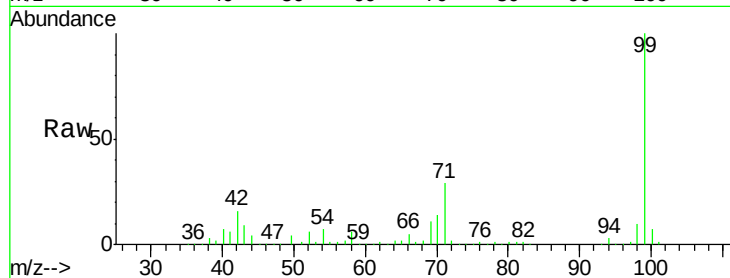
Tgt Ion: 99 Resp: 1408851

Ion Ratio Lower Upper

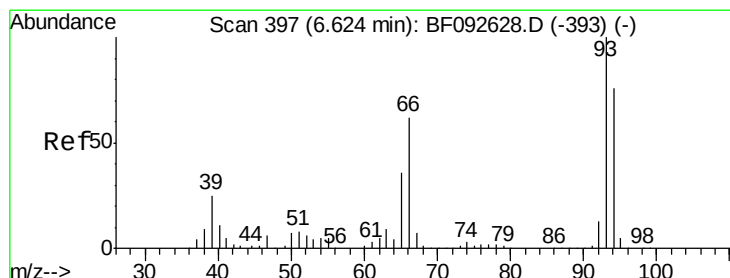
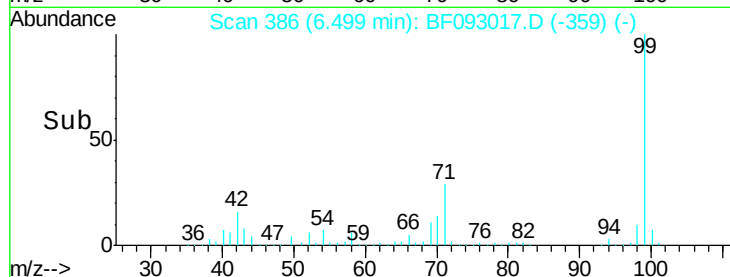
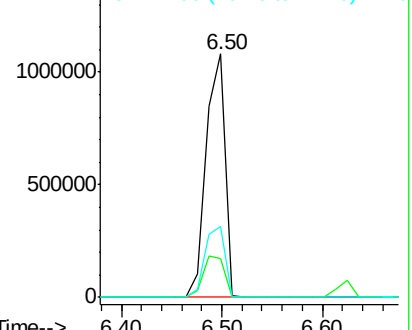
99 100

42 16.1 15.6 23.4

71 29.2 27.5 41.3



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: 4.58 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093017.D

Acq: 17 Feb 2017 18:20

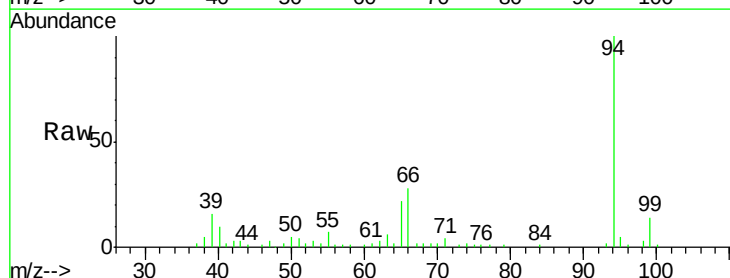
Tgt Ion: 94 Resp: 71601

Ion Ratio Lower Upper

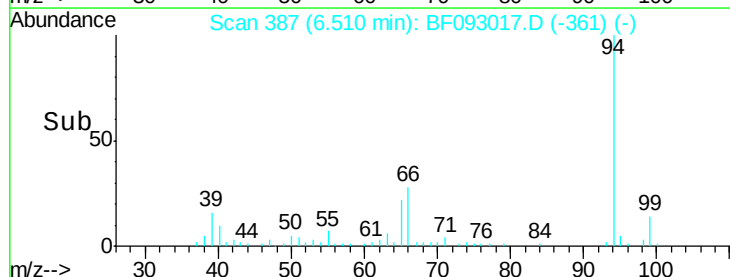
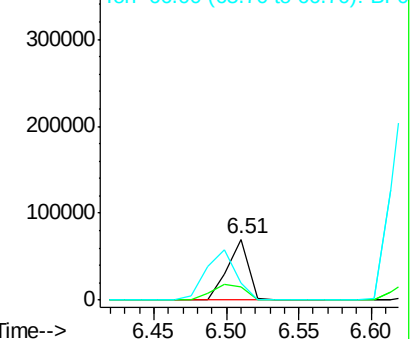
94 100

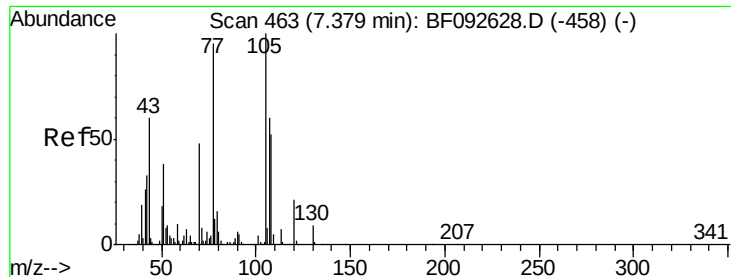
65 22.1 21.4 61.4

66 27.8 44.0 84.0#



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

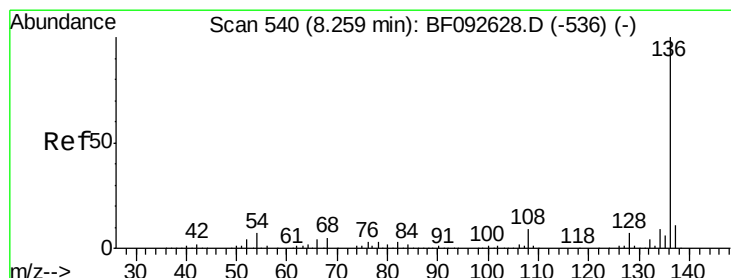
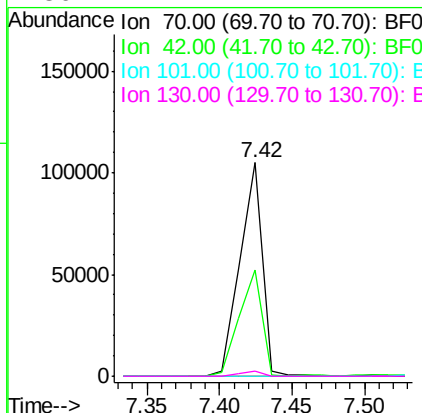
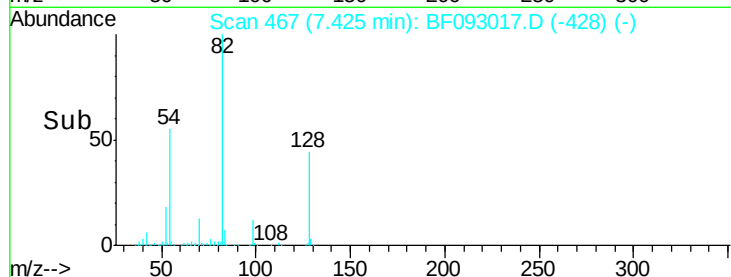
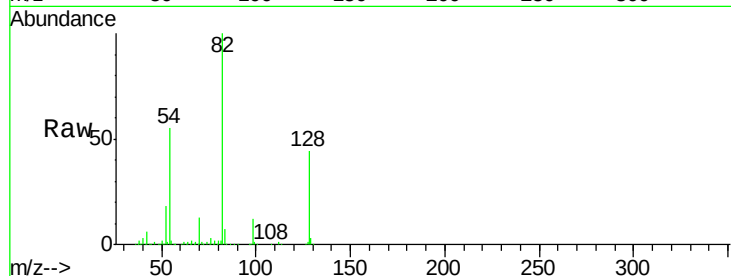




#19
n-Nitroso-di-n-propylamine
Concen: 13.15 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.15 min
Lab File: BF093017.D
Acq: 17 Feb 2017 18:20

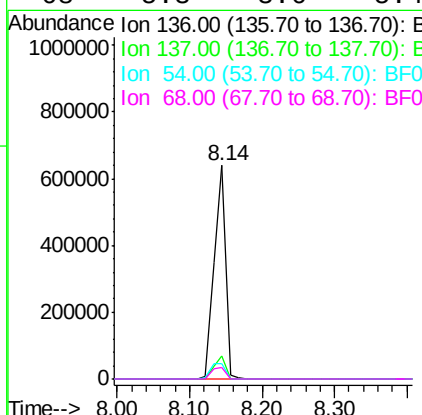
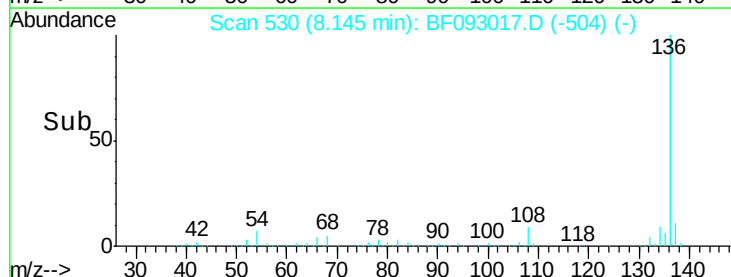
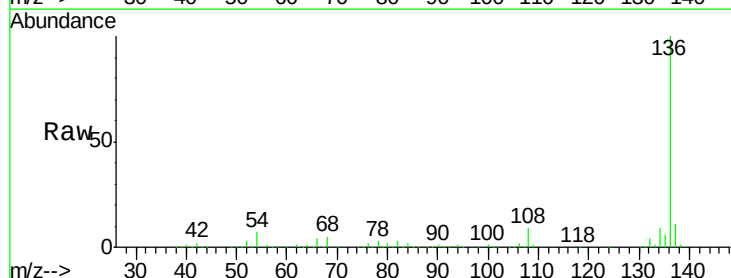
Instrument :
BNA_F
ClientSampleId :
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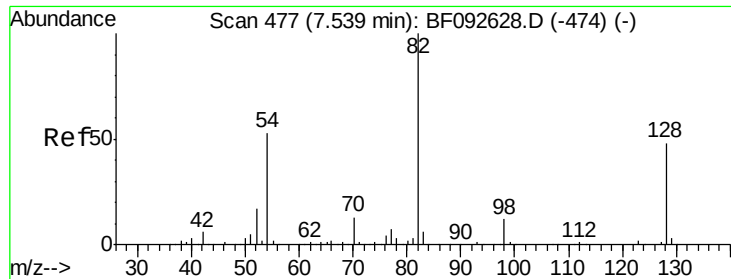
Tgt Ion: 70 Resp: 111935
Ion Ratio Lower Upper
70 100
42 49.6 49.4 74.0
101 0.0 7.4 11.2#
130 2.4 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF093017.D
Acq: 17 Feb 2017 18:20

Tgt Ion: 136 Resp: 699530
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.2 4.5 6.7#
68 5.3 3.6 5.4

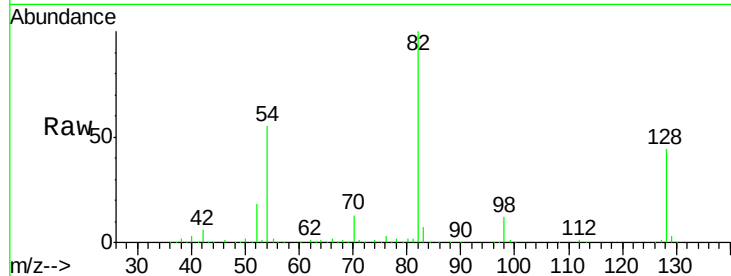




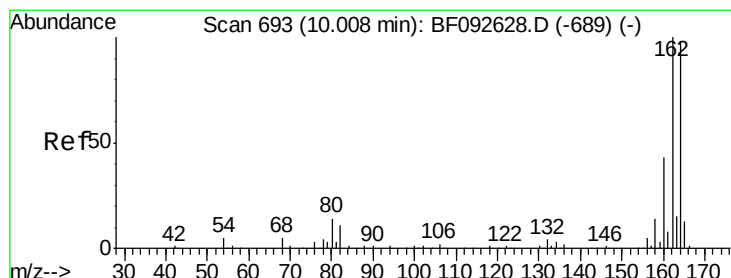
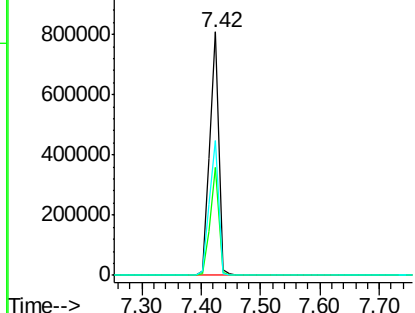
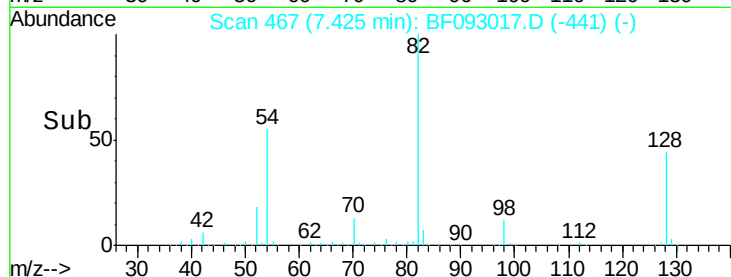
#23
 Nitrobenzene-d5
 Concen: 67.98 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF093017.D
 Acq: 17 Feb 2017 18:20

Instrument :
 BNA_F
 ClientSampleId :
 M-3

Tgt Ion: 82 Resp: 853967
 Ion Ratio Lower Upper
 82 100
 128 44.4 34.6 52.0
 54 55.2 39.5 59.3

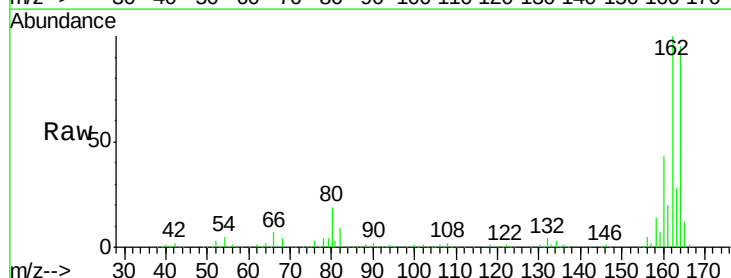


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

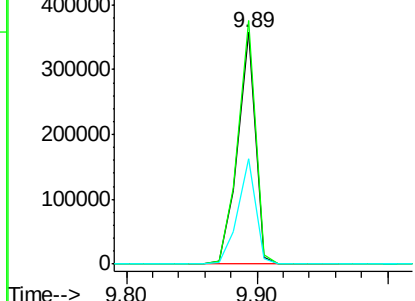
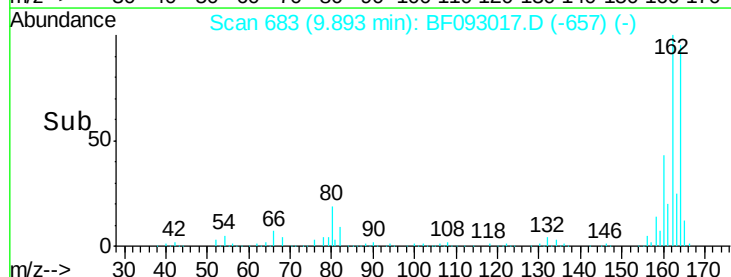


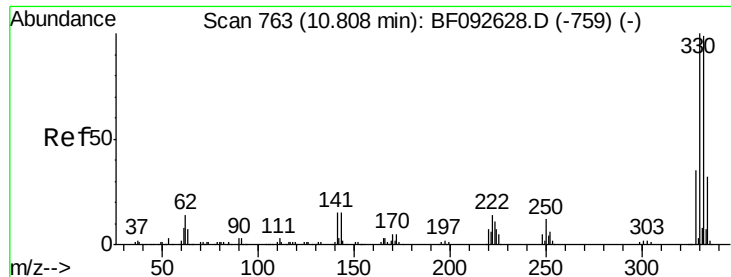
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF093017.D
 Acq: 17 Feb 2017 18:20

Tgt Ion: 164 Resp: 334819
 Ion Ratio Lower Upper
 164 100
 162 105.0 80.2 120.2
 160 45.4 36.9 55.3



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

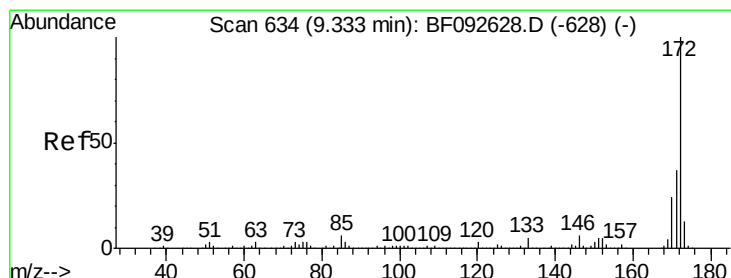
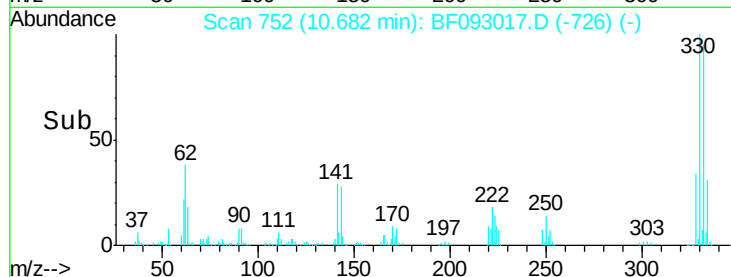
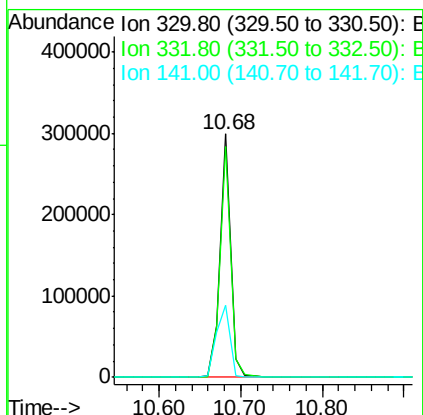
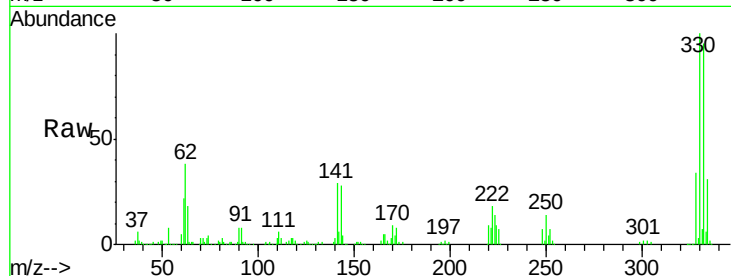




#41
 2,4,6-Tribromophenol
 Concen: 111.92 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093017.D
 Acq: 17 Feb 2017 18:20

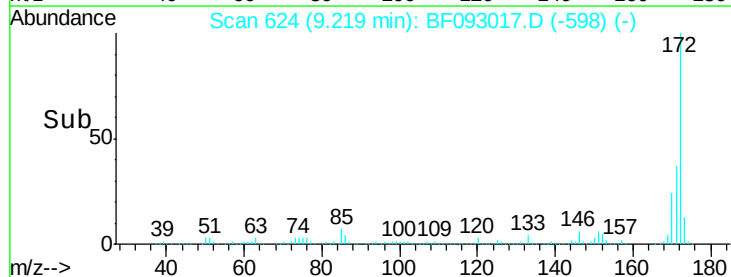
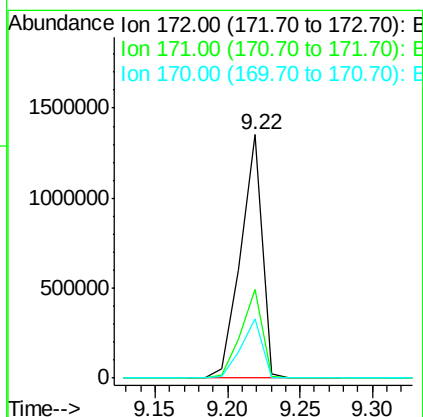
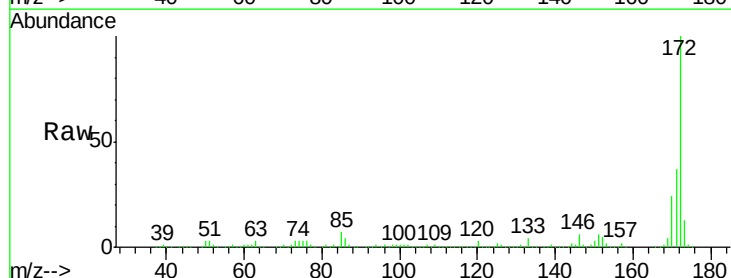
Instrument :
 BNA_F
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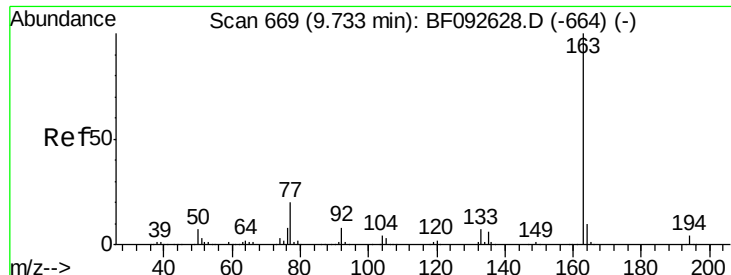
Tgt Ion:330 Resp: 271019
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 38.3 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 75.67 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093017.D
 Acq: 17 Feb 2017 18:20

Tgt Ion:172 Resp: 1398499
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.5 20.2 30.4

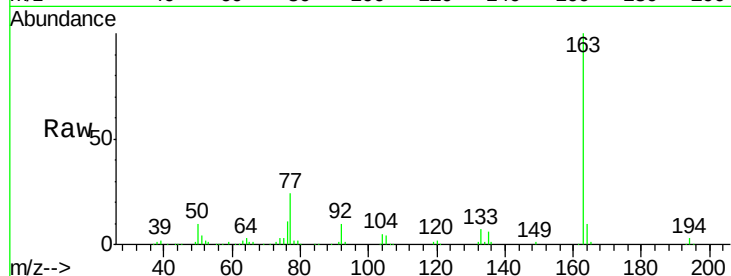




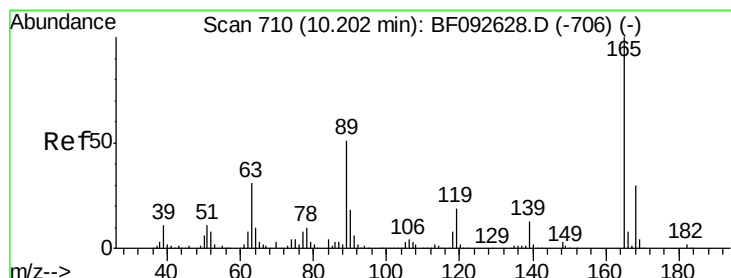
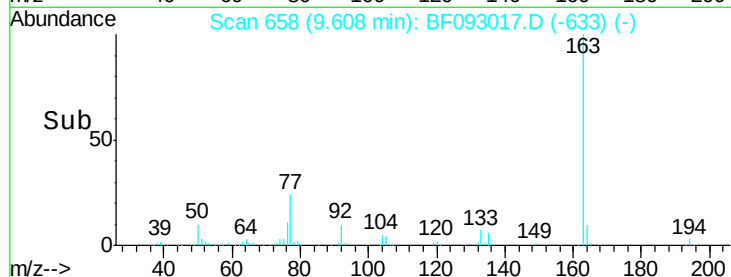
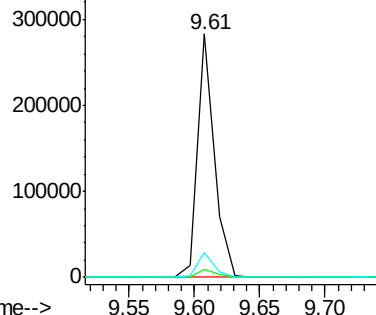
#49
Dimethylphthalate
Concen: 11.31 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093017.D
Acq: 17 Feb 2017 18:20

Instrument :
BNA_F
ClientSampleId :
M-3

Tgt Ion:163 Resp: 255158
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.4 8.0 12.0

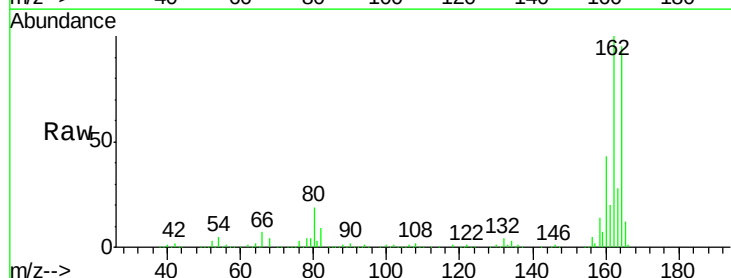


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

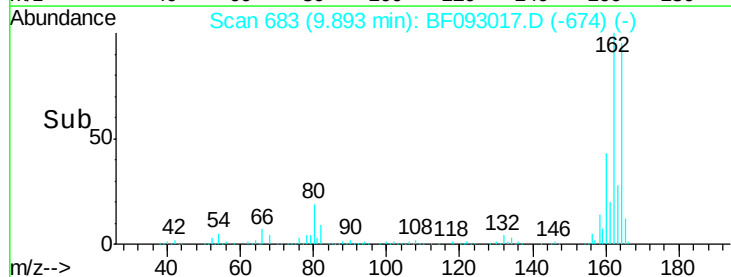
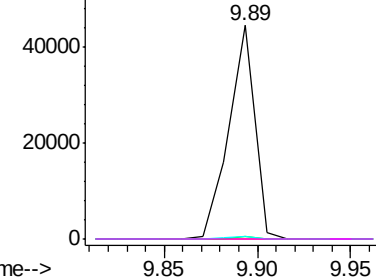


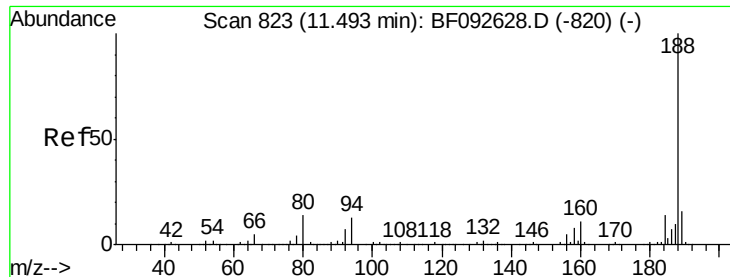
#56
2,4-Dinitrotoluene
Concen: 6.62 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.19 min
Lab File: BF093017.D
Acq: 17 Feb 2017 18:20

Tgt Ion:165 Resp: 42895
Ion Ratio Lower Upper
165 100
63 1.2 40.2 60.4#
89 1.2 62.5 93.7#
182 0.0 1.8 2.8#



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

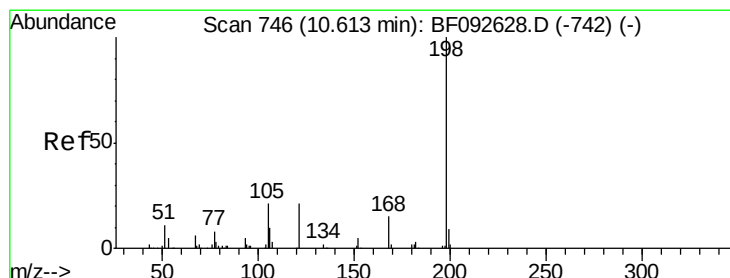
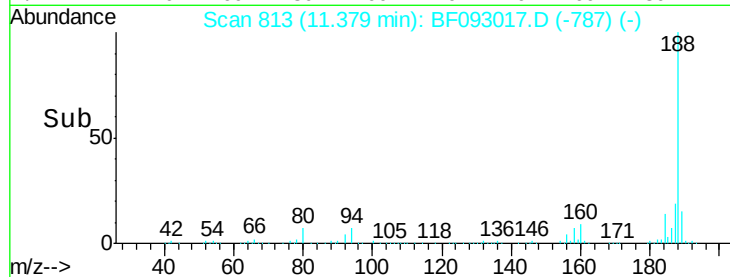
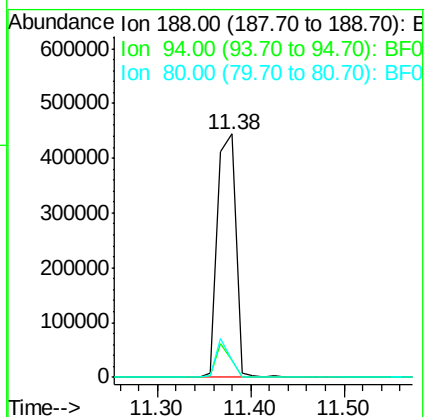
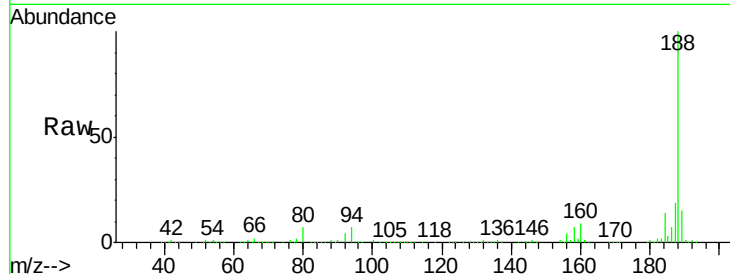




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF093017.D
Acq: 17 Feb 2017 18:20

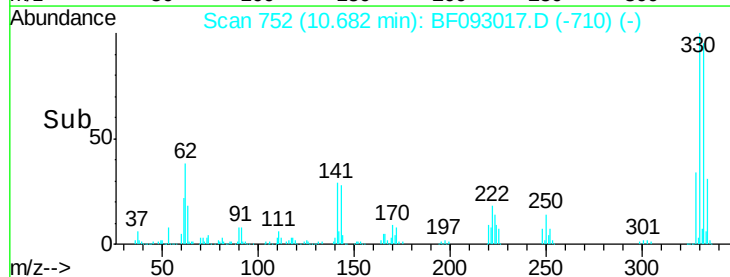
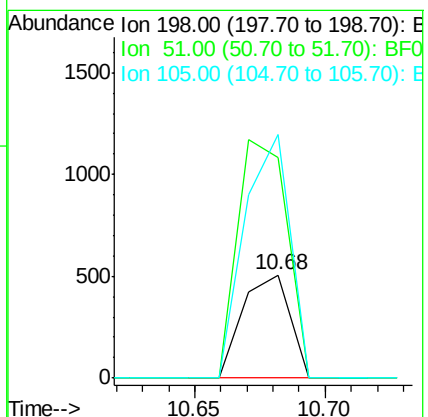
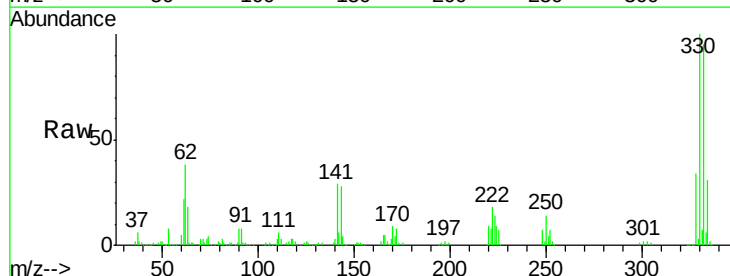
Instrument :
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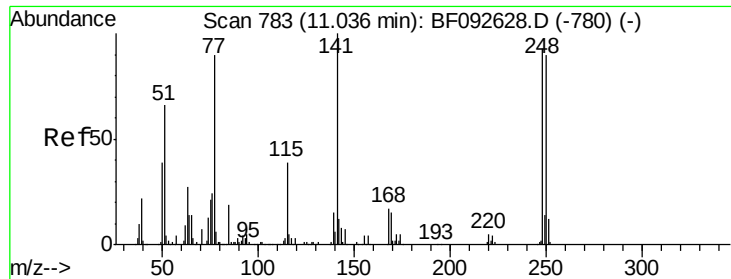
Tgt Ion:188 Resp: 604039
Ion Ratio Lower Upper
188 100
94 7.0 10.0 15.0#
80 7.0 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.83 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.18 min
Lab File: BF093017.D
Acq: 17 Feb 2017 18:20

Tgt Ion:198 Resp: 641
Ion Ratio Lower Upper
198 100
51 213.0 6.7 46.7#
105 235.4 16.6 56.6#





#66

4-Bromophenyl-phenylether

Concen: 3.15 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.24 min

Lab File: BF093017.D

Acq: 17 Feb 2017 18:20

Instrument :

BNA_F

ClientSampled :

M-3

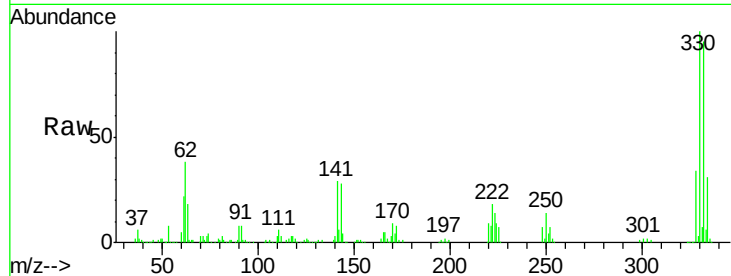
Tgt Ion:248 Resp: 19900

Ion Ratio Lower Upper

248 100

250 212.4 76.9 115.3#

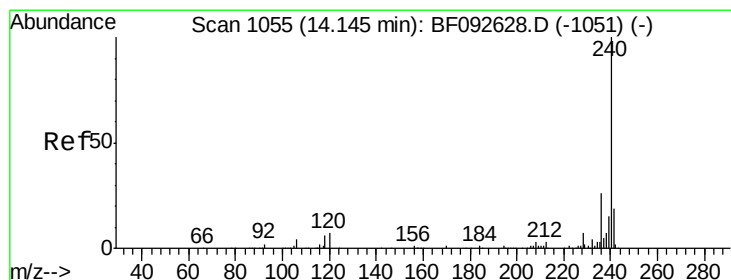
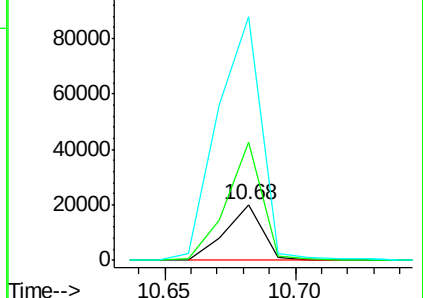
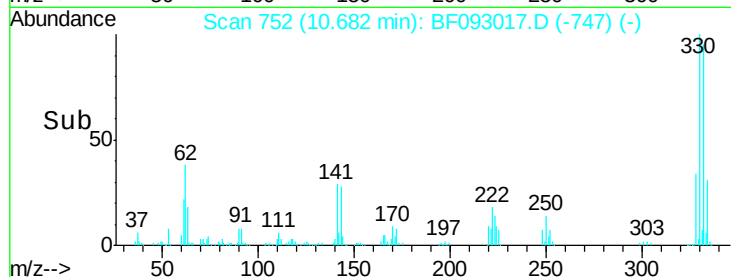
141 437.7 68.2 102.4#



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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093017.D

Acq: 17 Feb 2017 18:20

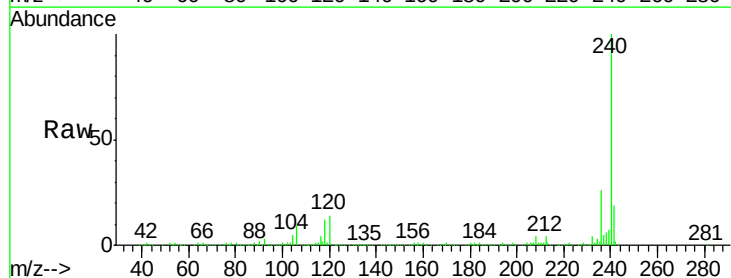
Tgt Ion:240 Resp: 523960

Ion Ratio Lower Upper

240 100

120 13.5 12.9 19.3

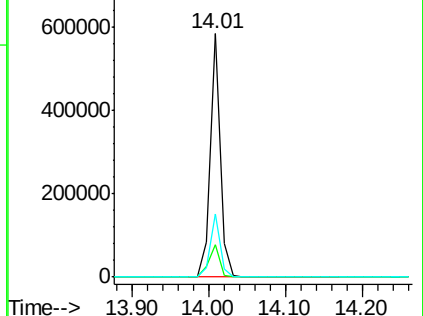
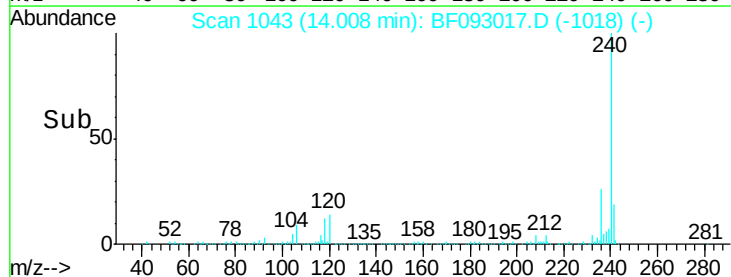
236 25.8 20.9 31.3

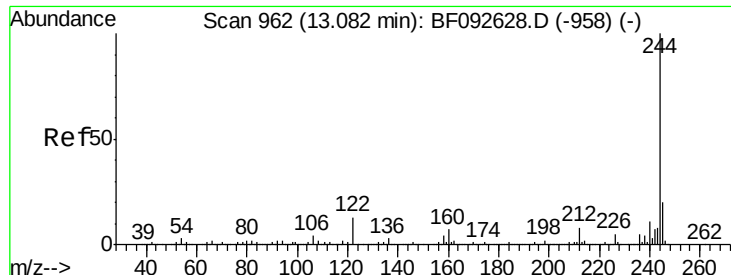


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 52.30 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093017.D

Acq: 17 Feb 2017 18:20

Instrument :

BNA_F

ClientSampleId :

M-3

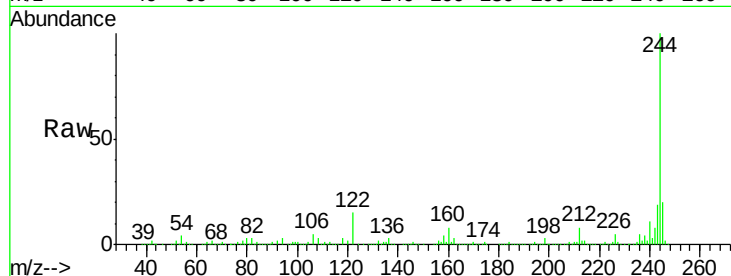
Tgt Ion:244 Resp: 1166199

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

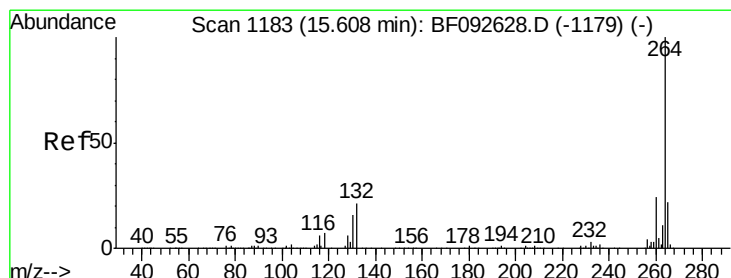
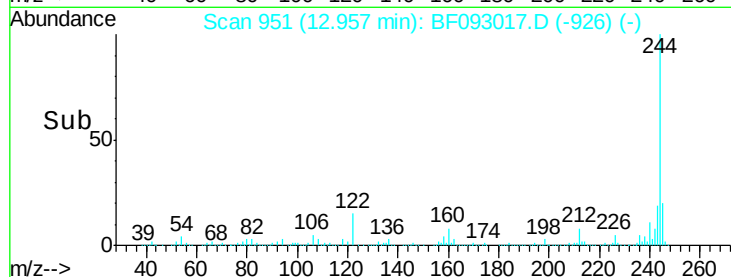
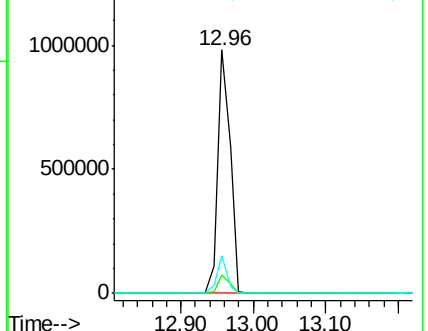
122 15.2 11.4 17.2



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# 1168

Delta R.T. -0.01 min

Lab File: BF093017.D

Acq: 17 Feb 2017 18:20

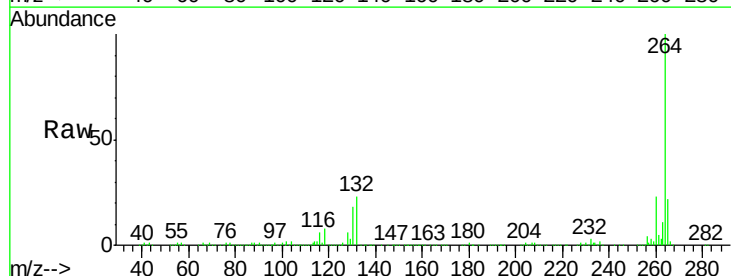
Tgt Ion:264 Resp: 404270

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.6 17.4 26.0



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

