

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013117\
 Data File : BF092697.D
 Acq On : 31 Jan 2017 22:41
 Operator : SJ/MA
 Sample : I1596-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Quant Time: Feb 01 00:22:50 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

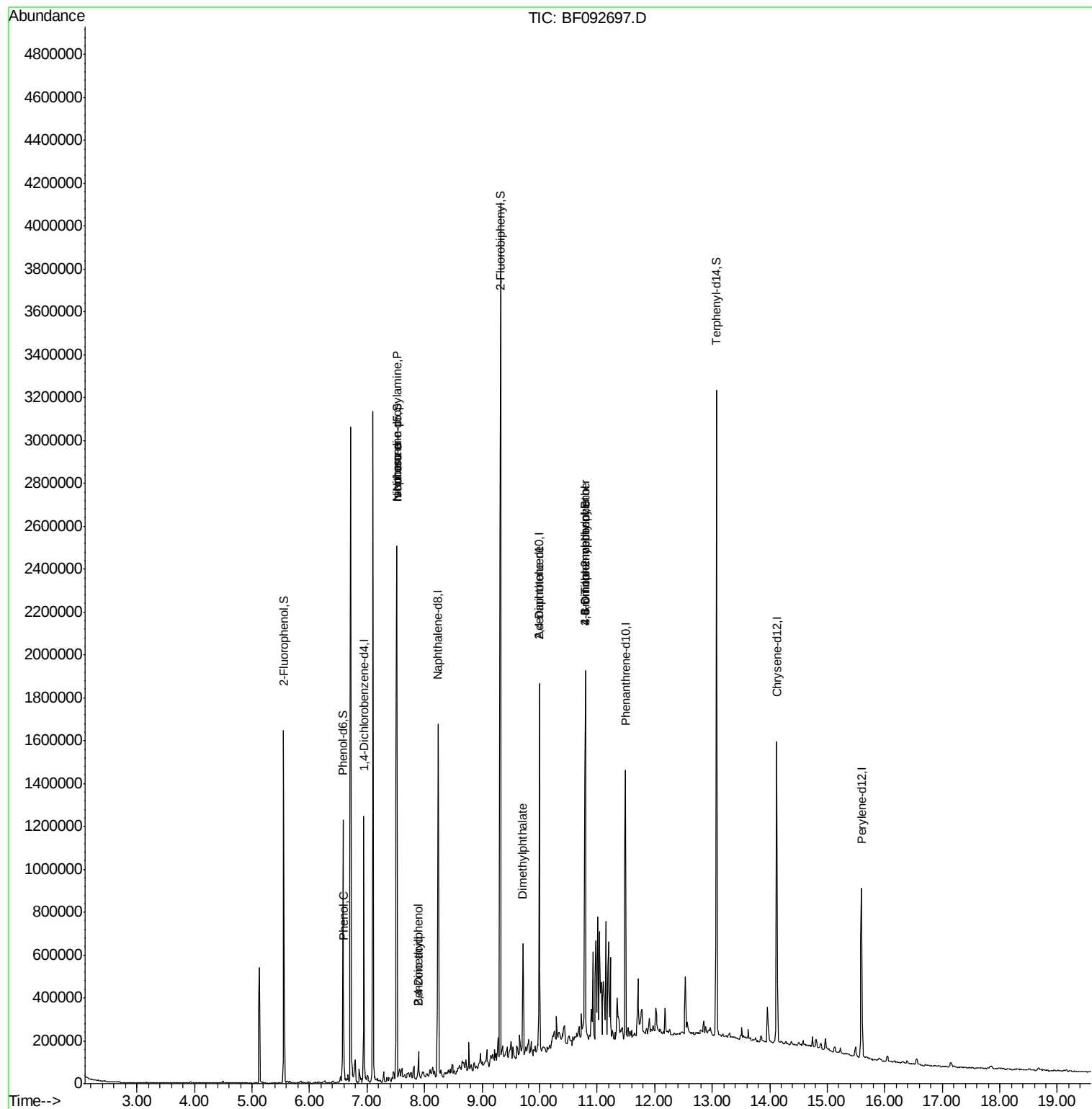
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	174850	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	687531	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	370185	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	585711	20.00	ng	0.00
75) Chrysene-d12	14.12	240	477710	20.00	ng	-0.02
86) Perylene-d12	15.60	264	385785	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	426238	41.82	ng	-0.02
7) Phenol-d6	6.58	99	389412	29.70	ng	-0.02
23) Nitrobenzene-d5	7.52	82	962470	77.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	255418	95.40	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1614767	79.03	ng	-0.01
78) Terphenyl-d14	13.07	244	1260889	62.02	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.59	94	50564	3.30	ng	82
19) n-Nitroso-di-n-propylamine	7.52	70	133893	16.04	ng	# 79
25) Isophorone	7.52	82	915267	39.78	ng	# 65
27) 2,4-Dimethylphenol	7.89	122	23278	2.20	ng	95
32) Benzoic acid	7.89	122	23278	10.47	ng	# 14
49) Dimethylphthalate	9.71	163	175999	7.06	ng	98
56) 2,4-Dinitrotoluene	10.00	165	51409	7.17	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.80	198	654	2.84	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	20155	3.29	ng	# 1

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

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QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092697.D

Acq: 31 Jan 2017 22:41

Instrument :

BNA_F

ClientSampleId :

MW-18

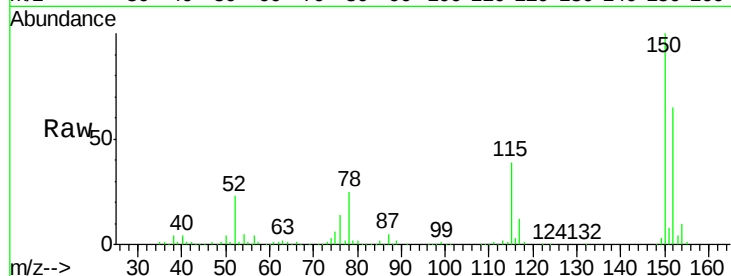
Tgt Ion:152 Resp: 174850

Ion Ratio Lower Upper

152 100

150 153.4 124.9 187.3

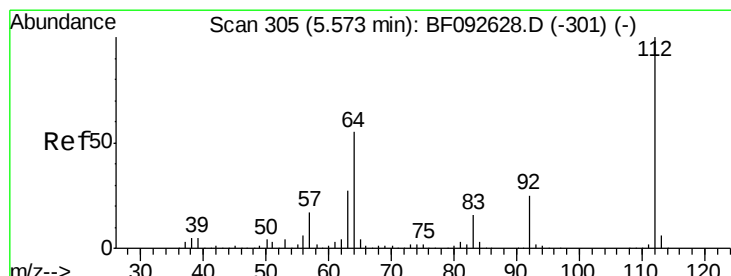
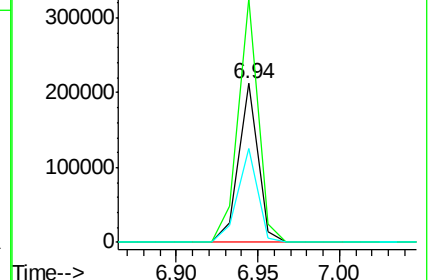
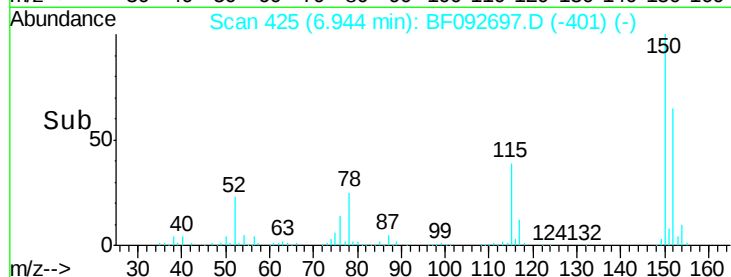
115 59.3 46.0 69.0



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



#5

2-Fluorophenol

Concen: 41.82 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.02 min

Lab File: BF092697.D

Acq: 31 Jan 2017 22:41

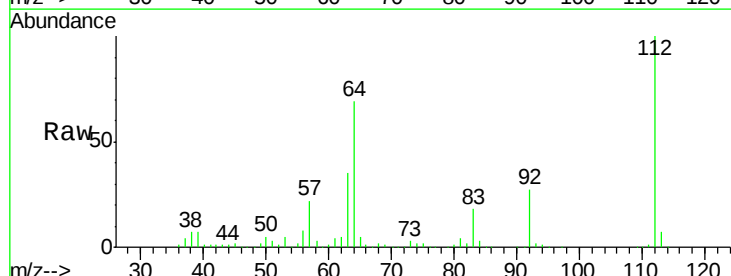
Tgt Ion:112 Resp: 426238

Ion Ratio Lower Upper

112 100

64 69.4 46.1 69.1#

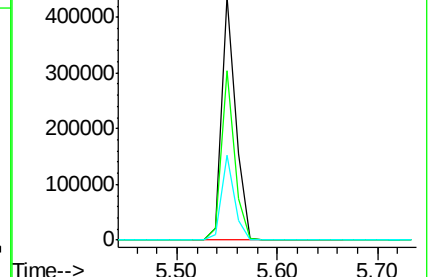
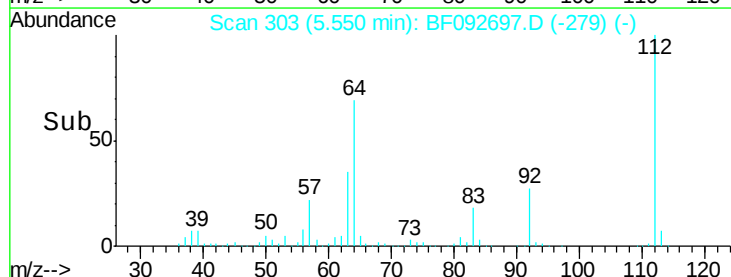
63 34.8 23.8 35.6



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: 29.70 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092697.D

Acq: 31 Jan 2017 22:41

Instrument :

BNA_F

ClientSampled :

MW-18

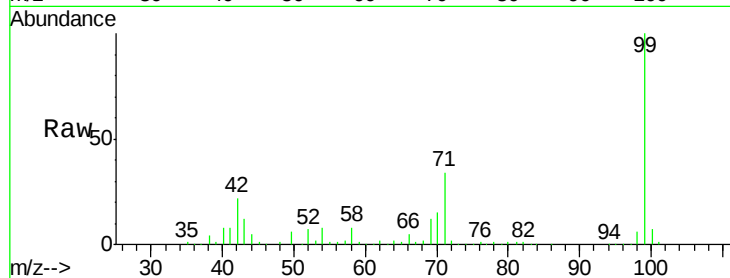
Tgt Ion: 99 Resp: 389412

Ion Ratio Lower Upper

99 100

42 22.3 15.6 23.4

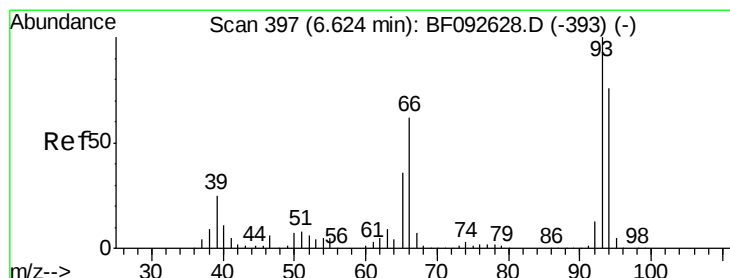
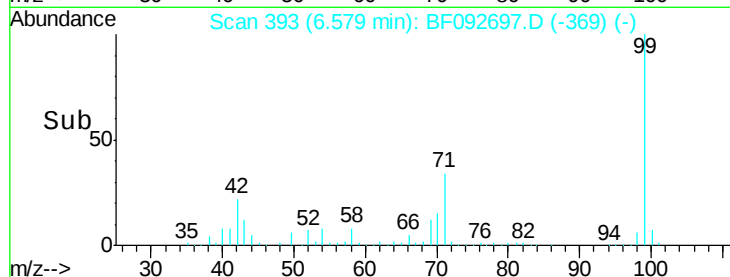
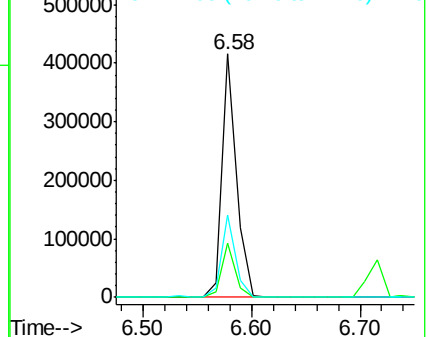
71 33.6 27.5 41.3



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: 3.30 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092697.D

Acq: 31 Jan 2017 22:41

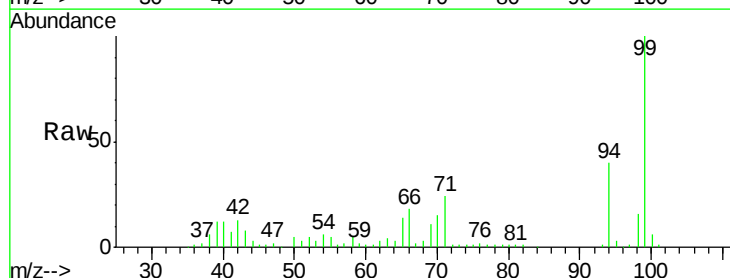
Tgt Ion: 94 Resp: 50564

Ion Ratio Lower Upper

94 100

65 34.2 21.4 61.4

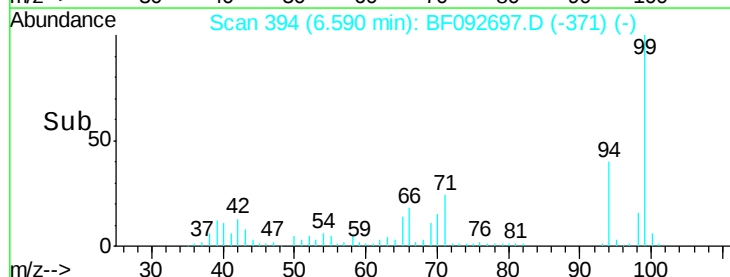
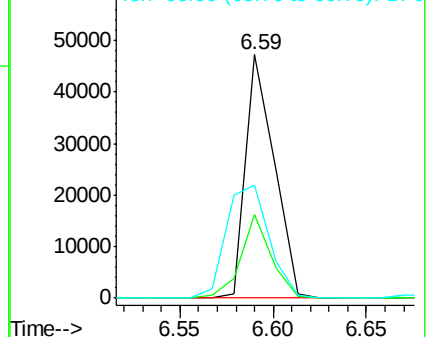
66 46.3 44.0 84.0



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

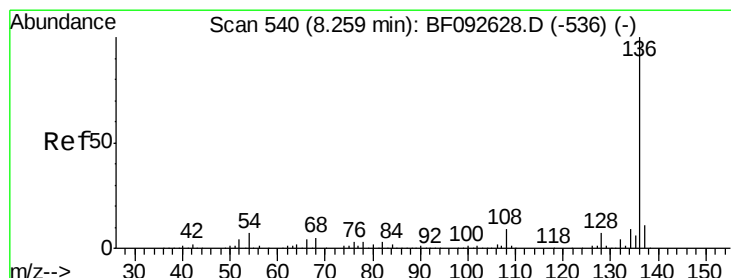
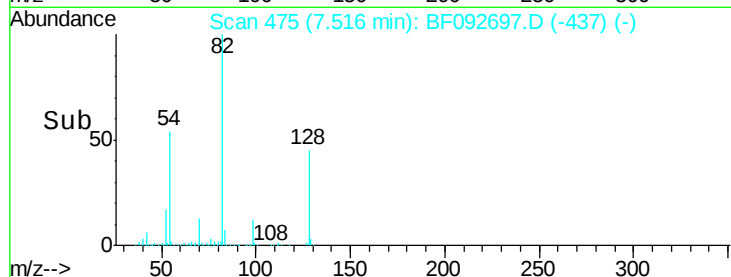
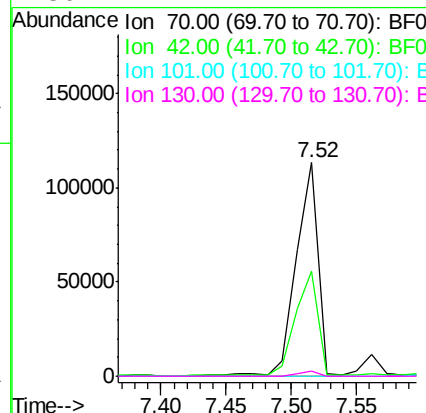
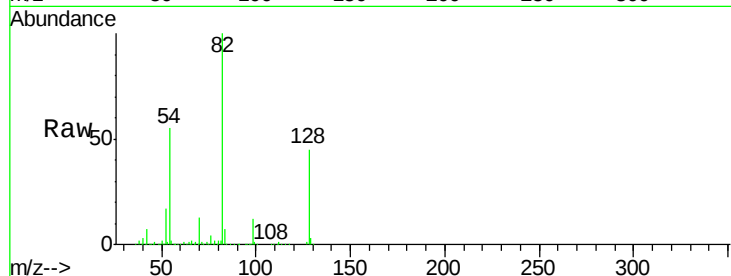




#19
n-Nitroso-di-n-propylamine
Concen: 16.04 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.14 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

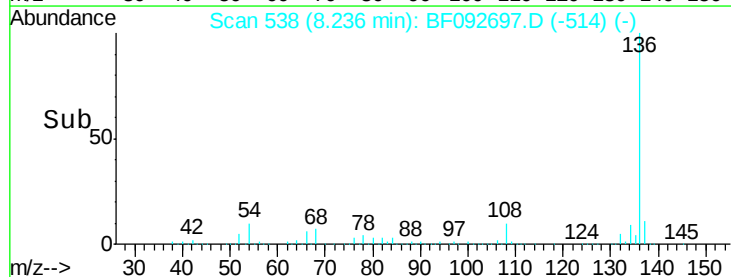
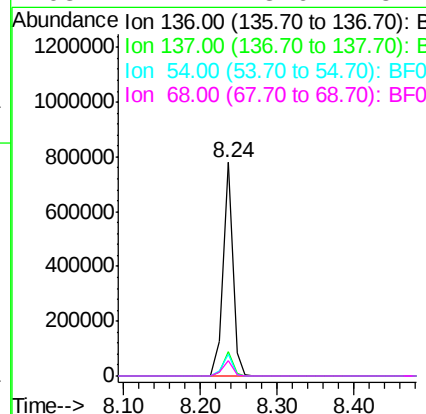
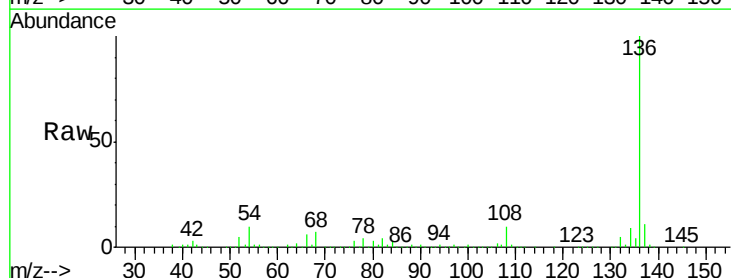
Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion: 70 Resp: 133893
Ion Ratio Lower Upper
70 100
42 48.9 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: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Tgt Ion: 136 Resp: 687531
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 10.4 4.5 6.7#
68 7.4 3.6 5.4#

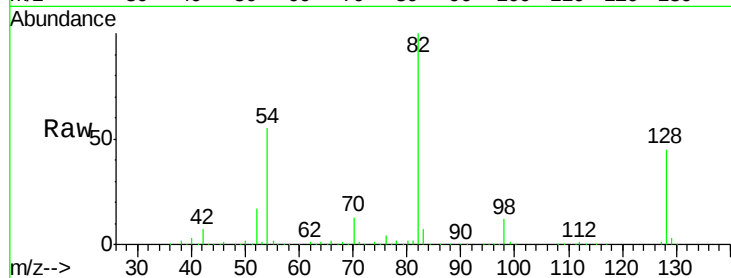




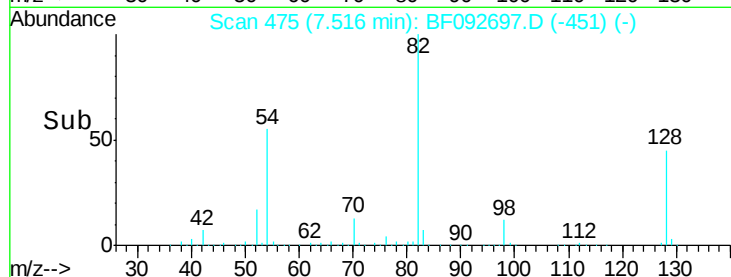
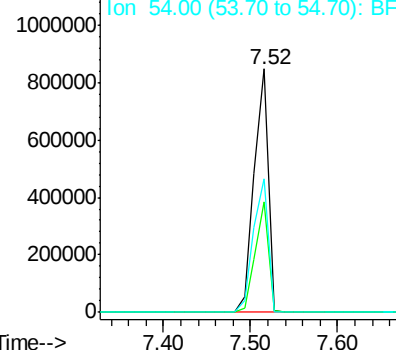
#23
Nitrobenzene-d5
Concen: 77.96 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion: 82 Resp: 962470
Ion Ratio Lower Upper
82 100
128 45.5 34.6 52.0
54 54.6 39.5 59.3

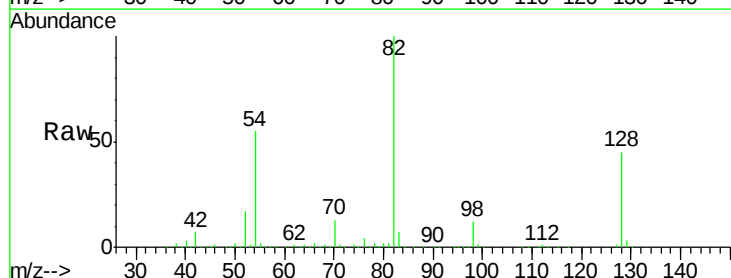


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

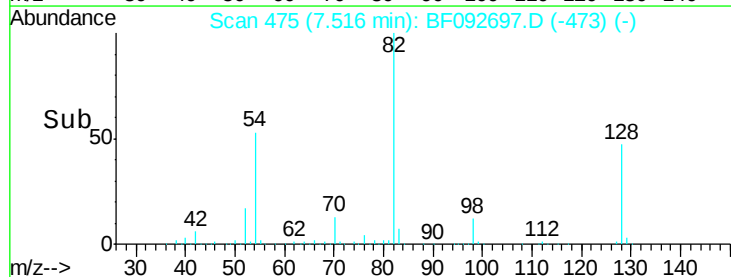
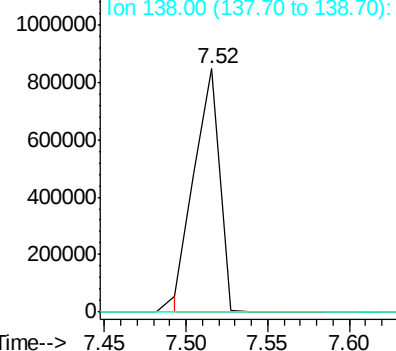


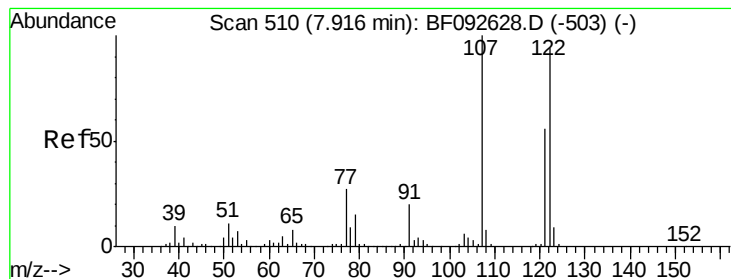
#25
Isophorone
Concen: 39.78 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.27 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Tgt Ion: 82 Resp: 915267
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 14.6 22.0#



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





#27

2,4-Dimethylphenol

Concen: 2.20 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF092697.D

Acq: 31 Jan 2017 22:41

Instrument :

BNA_F

ClientSampleId :

MW-18

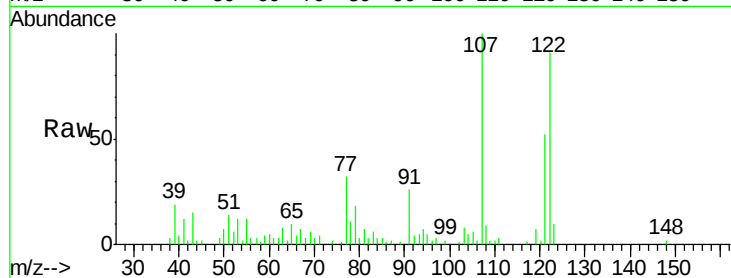
Tgt Ion:122 Resp: 23278

Ion Ratio Lower Upper

122 100

107 110.0 94.1 141.1

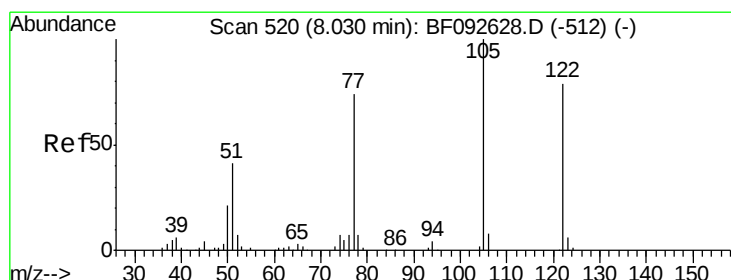
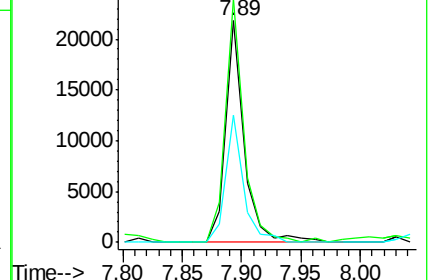
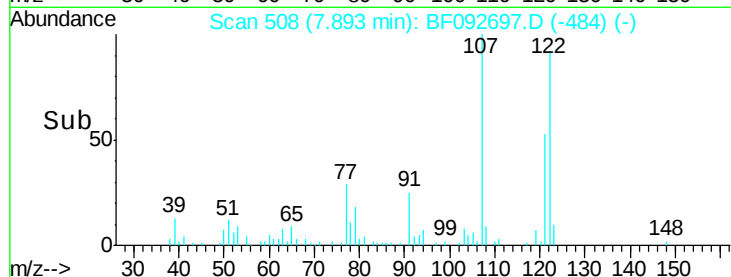
121 57.4 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#32

Benzoic acid

Concen: 10.47 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.14 min

Lab File: BF092697.D

Acq: 31 Jan 2017 22:41

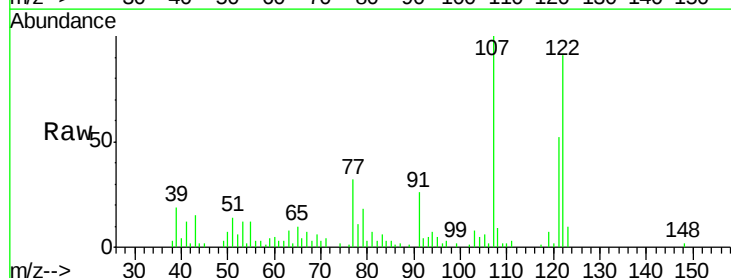
Tgt Ion:122 Resp: 23278

Ion Ratio Lower Upper

122 100

105 6.4 107.2 147.2#

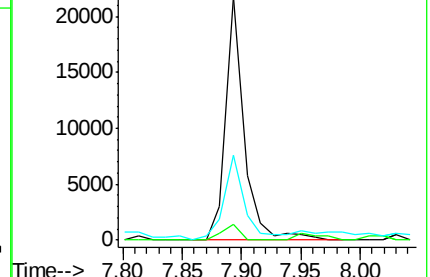
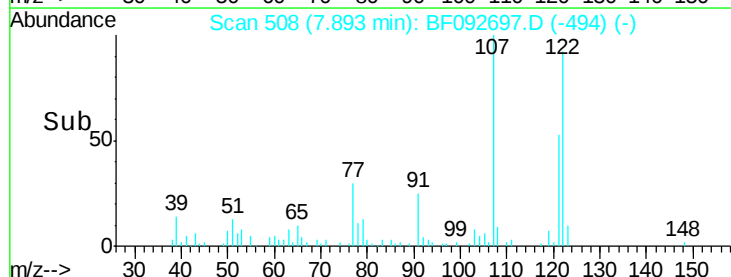
77 34.9 74.5 114.5#

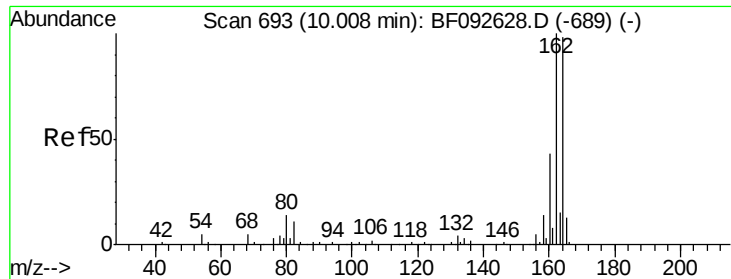


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF092697.D

Acq: 31 Jan 2017 22:41

Instrument :

BNA_F

ClientSampleId :

MW-18

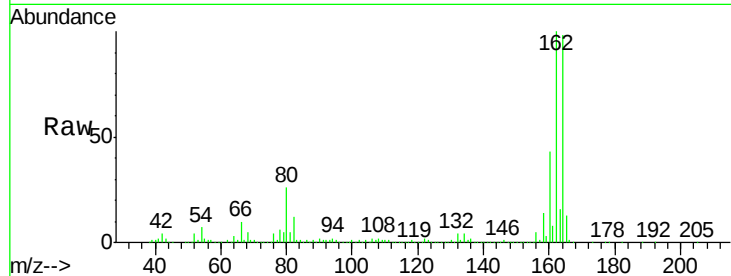
Tgt Ion:164 Resp: 370185

Ion Ratio Lower Upper

164 100

162 101.6 80.2 120.2

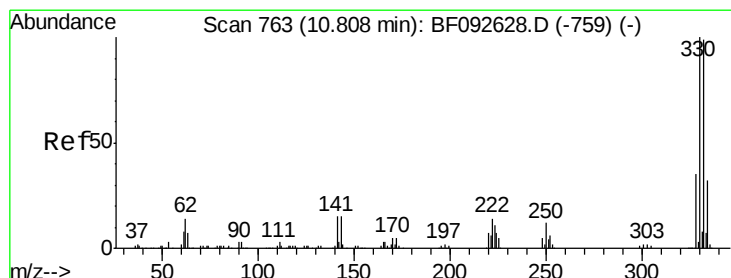
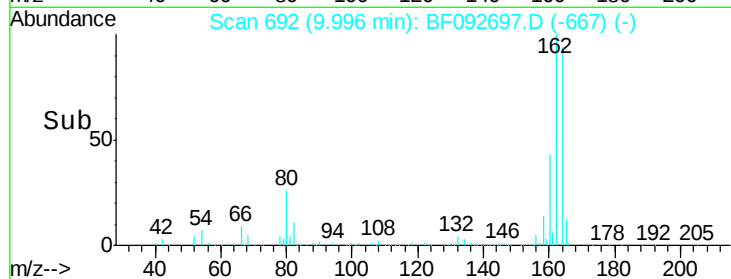
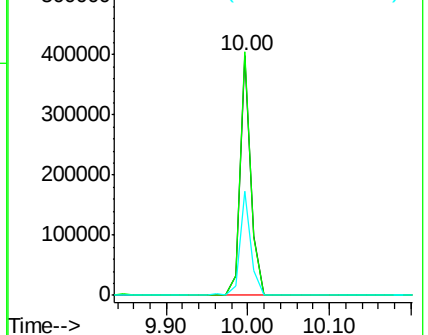
160 43.4 36.9 55.3



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: 95.40 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF092697.D

Acq: 31 Jan 2017 22:41

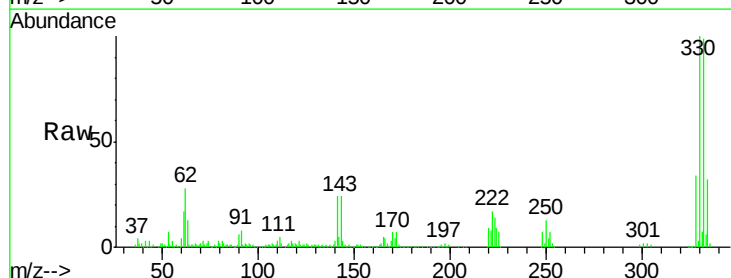
Tgt Ion:330 Resp: 255418

Ion Ratio Lower Upper

330 100

332 98.2 77.4 116.2

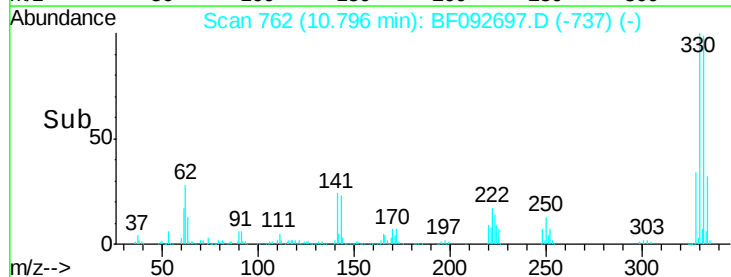
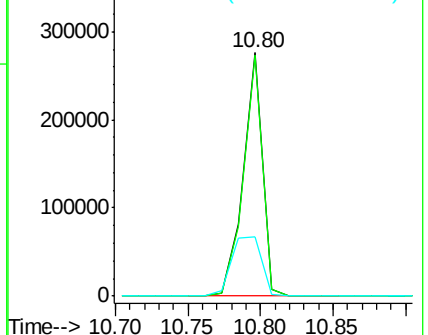
141 37.7 34.1 51.1

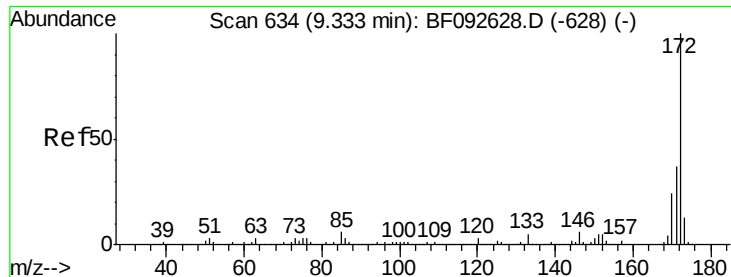


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

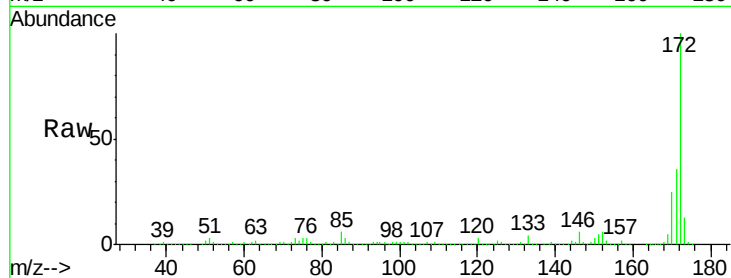




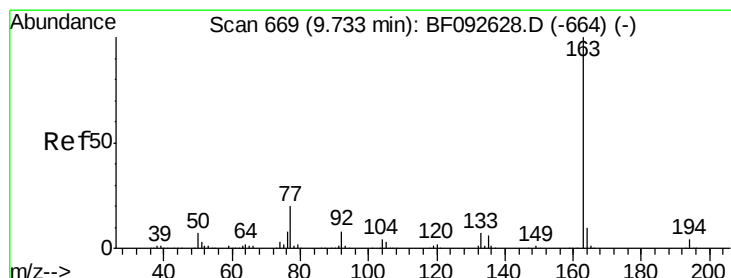
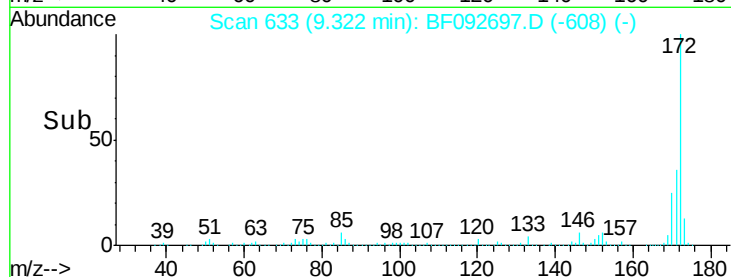
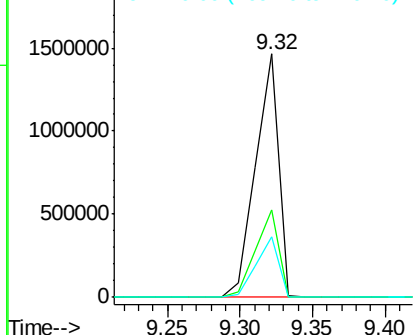
#44
2-Fluorobiphenyl
Concen: 79.03 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:172 Resp: 1614767
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 24.7 20.2 30.4

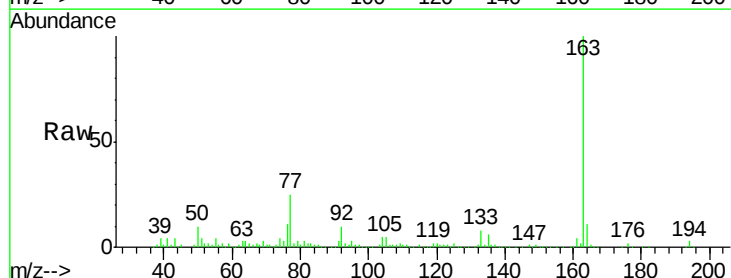


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

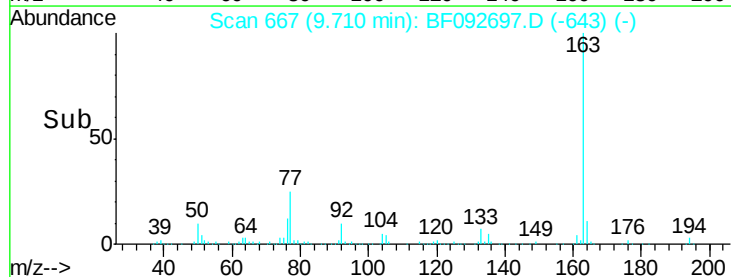
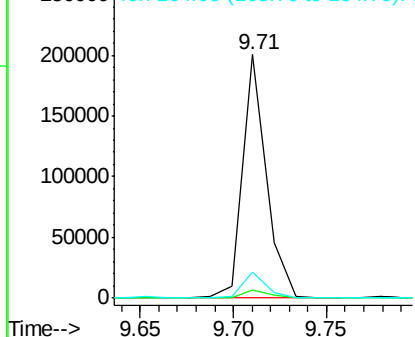


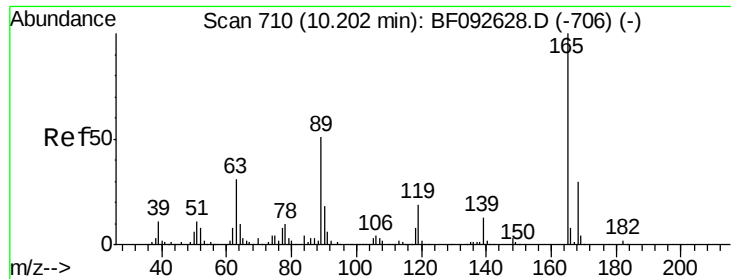
#49
Dimethylphthalate
Concen: 7.06 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Tgt Ion:163 Resp: 175999
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.9 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

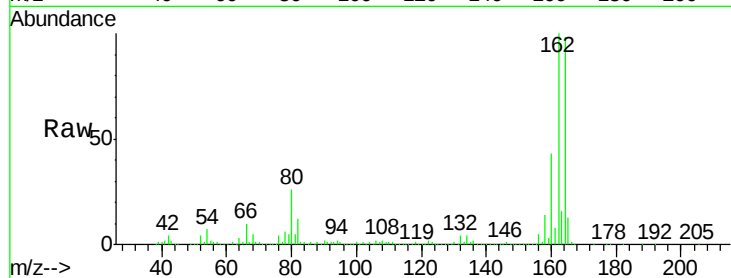




#56
2,4-Dinitrotoluene
Concen: 7.17 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.21 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	40.2	60.4#
89	1.9	62.5	93.7#
182	0.7	1.8	2.8#

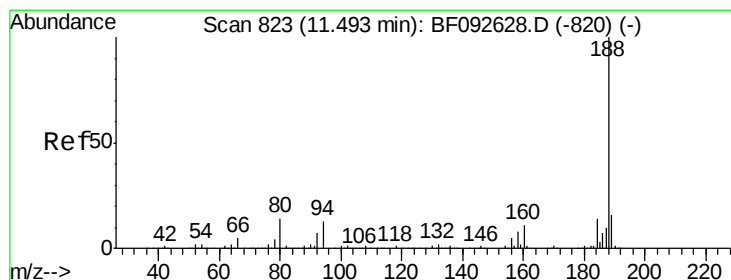
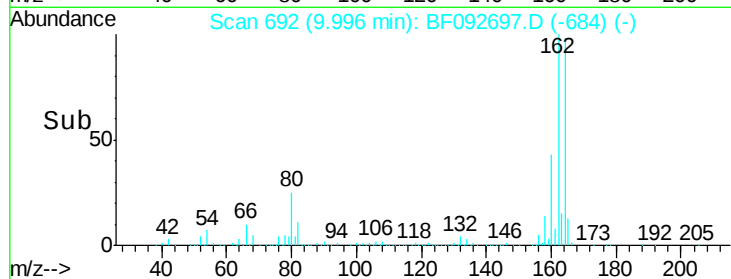
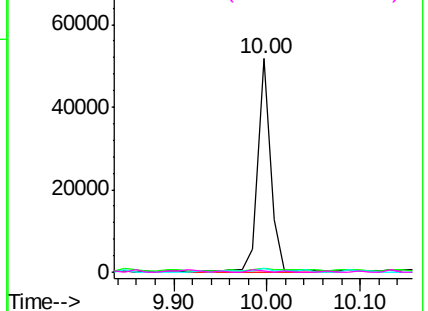


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

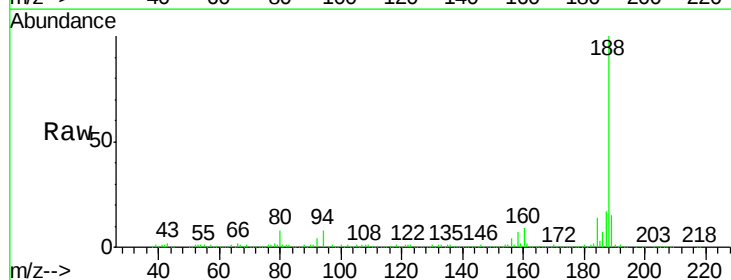
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
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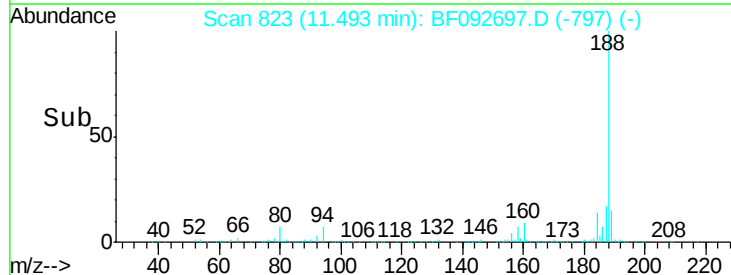
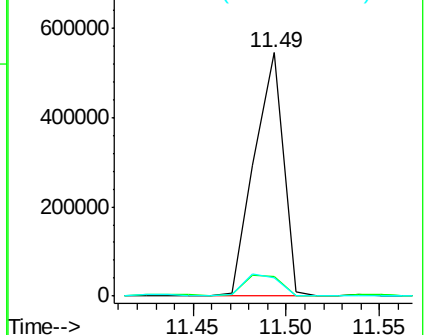
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	10.0	15.0#
80	7.5	11.2	16.8#

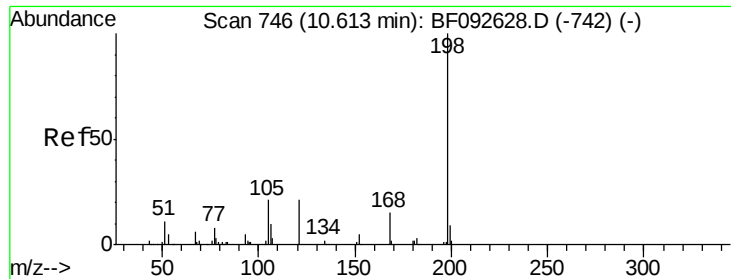


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.84 ng

RT: 10.80 min Scan# 762

Delta R.T. 0.18 min

Lab File: BF092697.D

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Instrument :

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MW-18

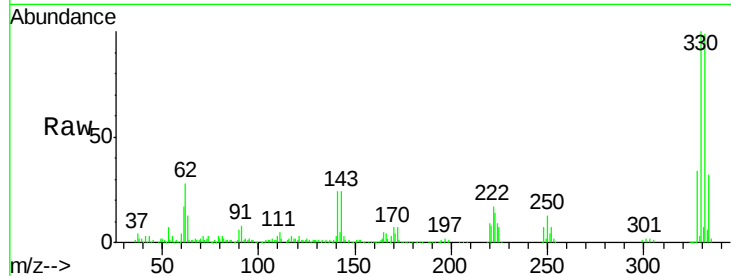
Tgt Ion:198 Resp: 654

Ion Ratio Lower Upper

198 100

51 268.7 6.7 46.7#

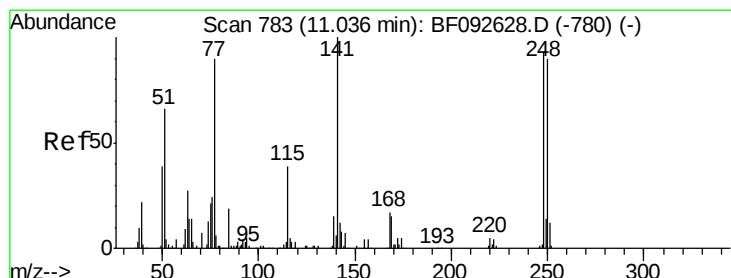
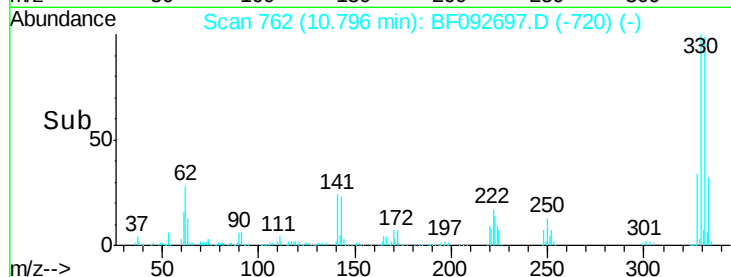
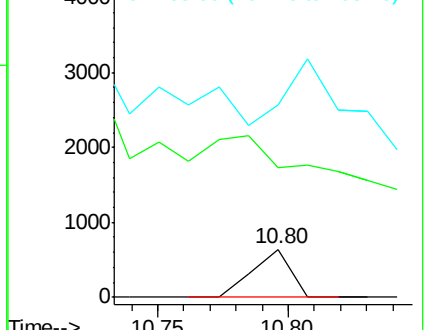
105 399.7 16.6 56.6#



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: 3.29 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.24 min

Lab File: BF092697.D

Acq: 31 Jan 2017 22:41

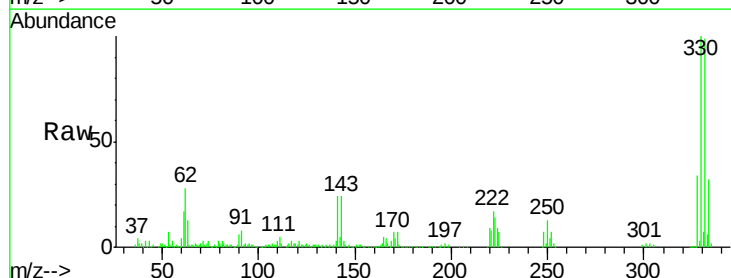
Tgt Ion:248 Resp: 20155

Ion Ratio Lower Upper

248 100

250 189.2 76.9 115.3#

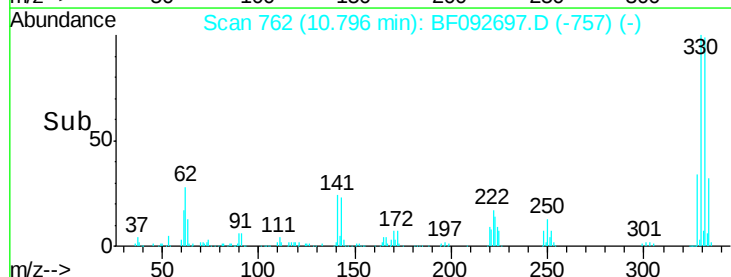
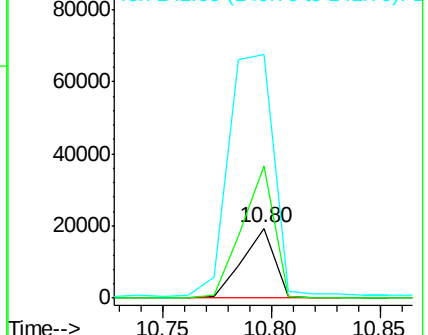
141 348.2 68.2 102.4#

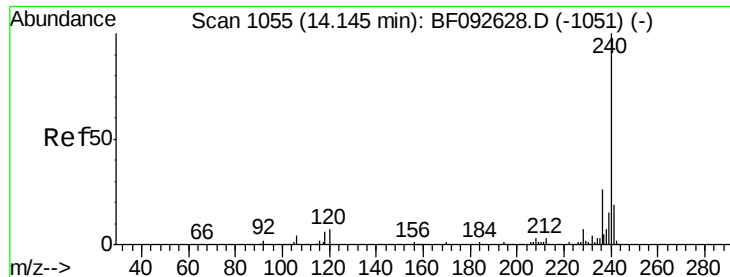


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092697.D

Acq: 31 Jan 2017 22:41

Instrument :

BNA_F

ClientSampleId :

MW-18

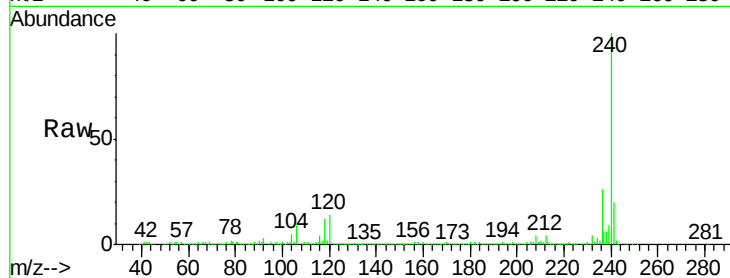
Tgt Ion:240 Resp: 477710

Ion Ratio Lower Upper

240 100

120 14.1 12.9 19.3

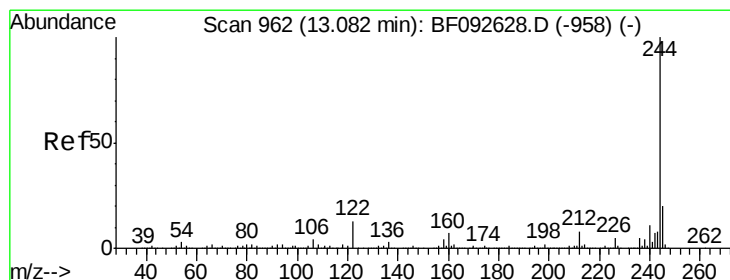
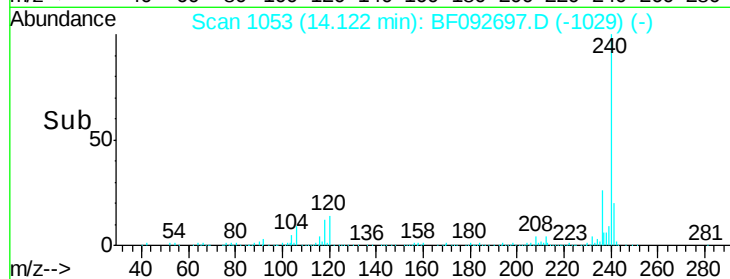
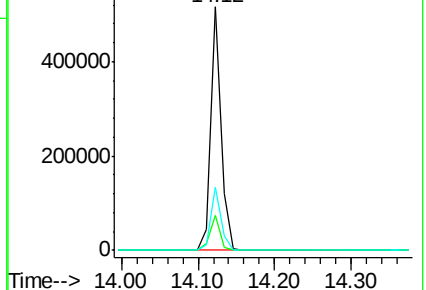
236 25.9 20.9 31.3



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: 62.02 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092697.D

Acq: 31 Jan 2017 22:41

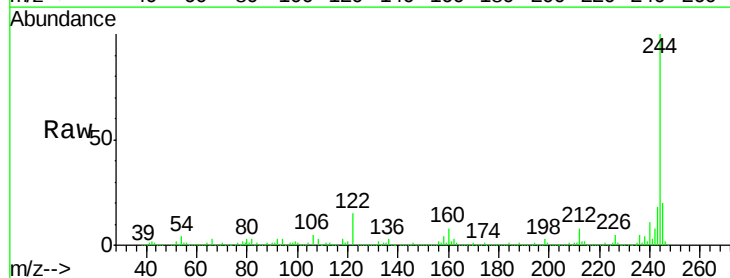
Tgt Ion:244 Resp: 1260889

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

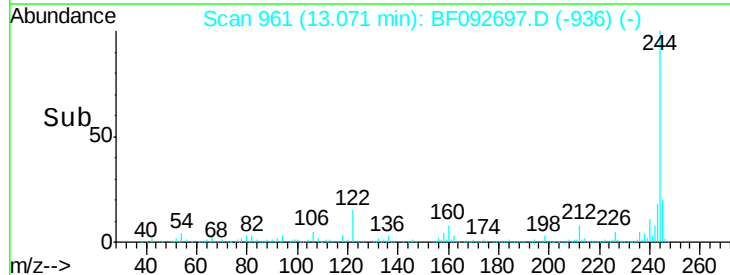
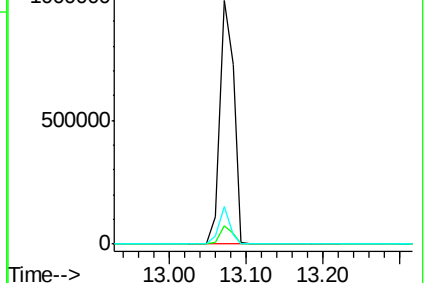
122 15.4 11.4 17.2

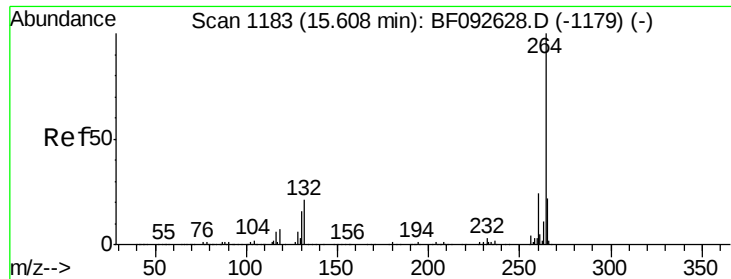


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

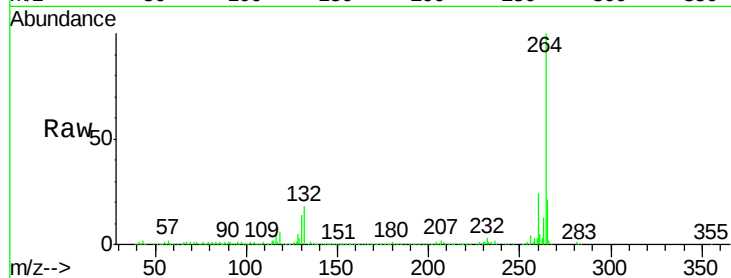




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF092697.D
Acq: 31 Jan 2017 22:41

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion: 264 Resp: 385785
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.2 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

