

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
 Data File : BF092720.D
 Acq On : 1 Feb 2017 22:31
 Operator : SJ/MA
 Sample : I1597-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-50-COMP

Quant Time: Feb 01 23:53:43 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

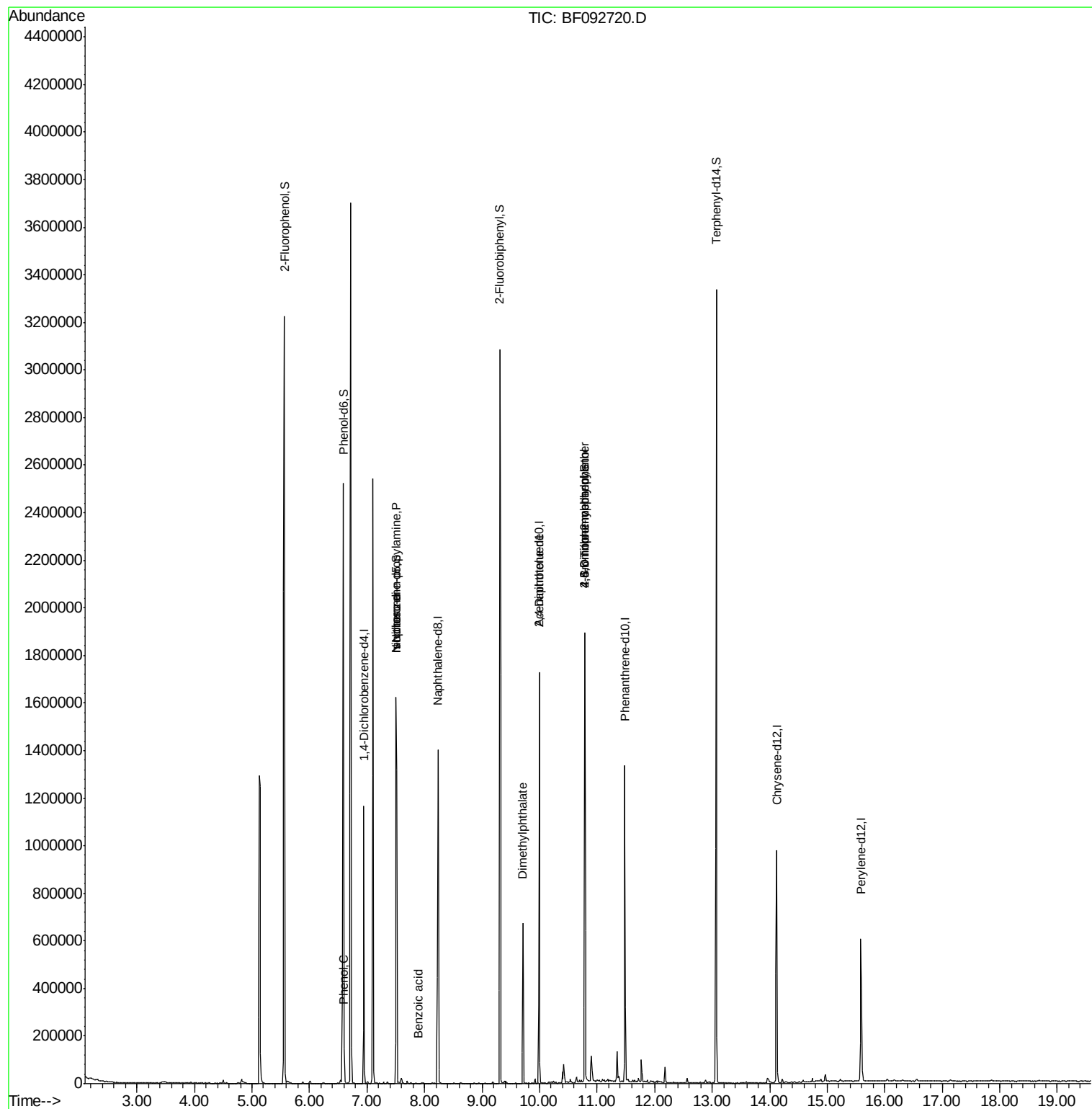
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	160008	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	642237	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	347367	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	478714	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	380896	20.00	ng	-0.02
86) Perylene-d12	15.59	264	299553	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1038052	111.30	ng	-0.01
7) Phenol-d6	6.59	99	1276326	106.36	ng	-0.01
23) Nitrobenzene-d5	7.50	82	730833	63.37	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	221312	88.09	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1229161	64.11	ng	-0.02
78) Terphenyl-d14	13.07	244	1006429	62.08	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	68286	4.86	ng	# 61
19) n-Nitroso-di-n-propylamine	7.50	70	94521	12.37	ng	# 85
25) Isophorone	7.50	82	693062	32.25	ng	# 65
32) Benzoic acid	7.89	122	232	7.20	ng	# 1
49) Dimethylphthalate	9.71	163	264226	11.29	ng	99
56) 2,4-Dinitrotoluene	10.00	165	44144	6.56	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.78	198	493	2.83	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	15925	3.18	ng	# 1

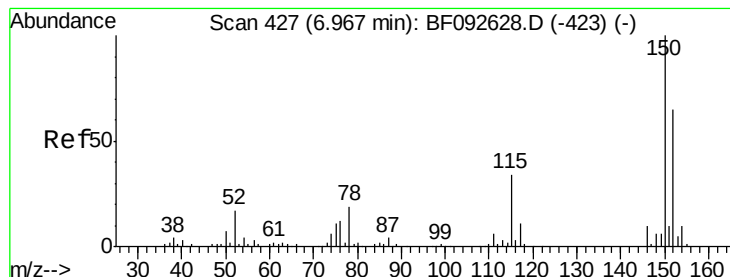
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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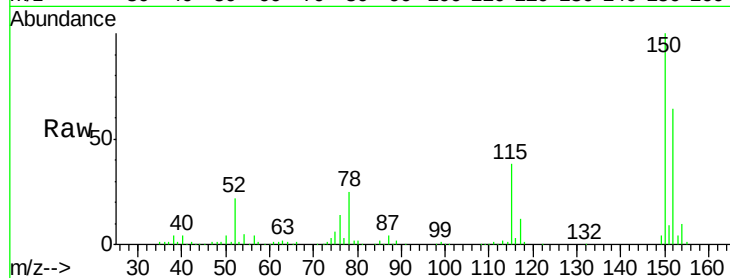


#1

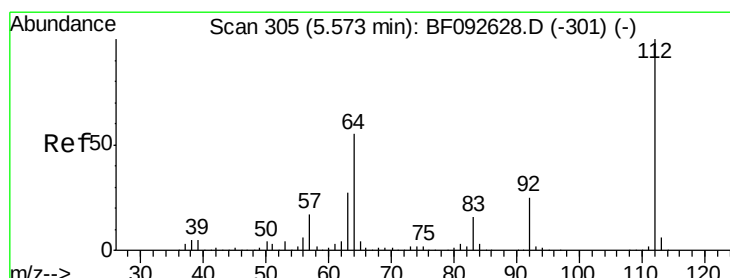
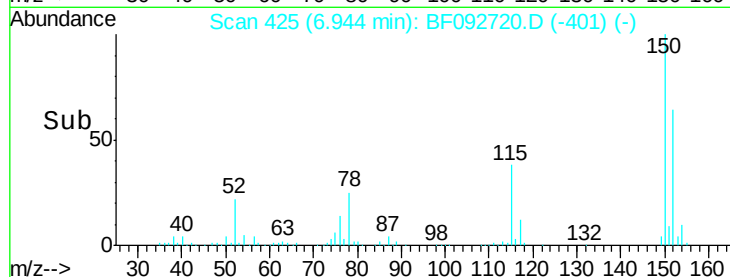
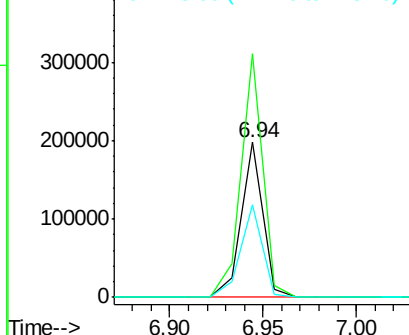
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF092720.D
Acq: 1 Feb 2017 22:31

Instrument :
BNA_F
ClientSampleId :
SB-50-COMP

Tgt Ion:152 Resp: 160008
Ion Ratio Lower Upper
152 100
150 157.1 124.9 187.3
115 59.7 46.0 69.0



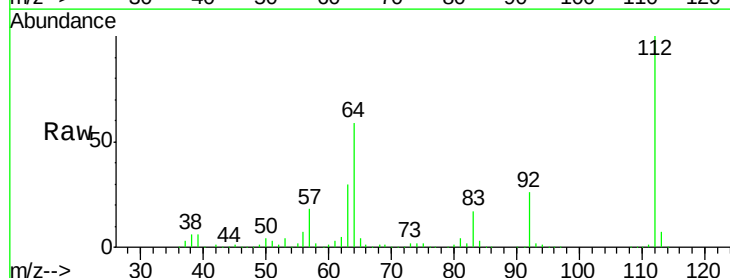
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



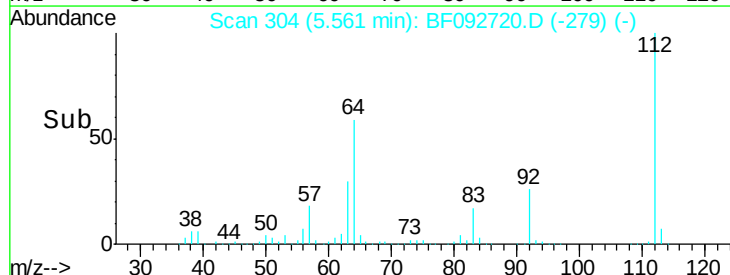
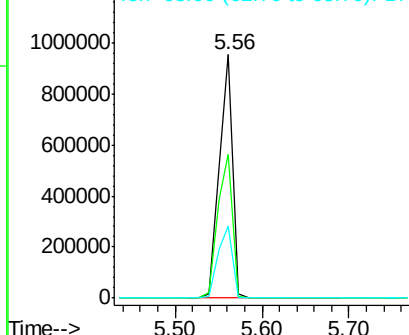
#5

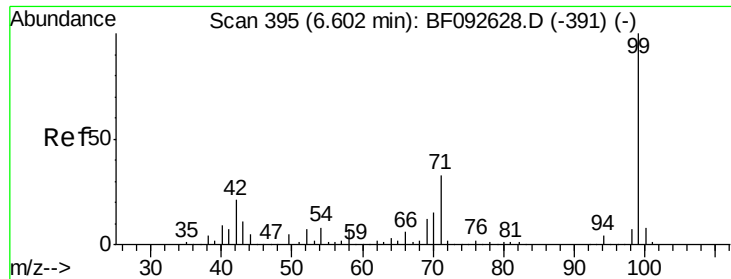
2-Fluorophenol
Concen: 111.30 ng
RT: 5.56 min Scan# 304
Delta R.T. -0.01 min
Lab File: BF092720.D
Acq: 1 Feb 2017 22:31

Tgt Ion:112 Resp: 1038052
Ion Ratio Lower Upper
112 100
64 59.2 46.1 69.1
63 29.5 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: 106.36 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092720.D

Acq: 1 Feb 2017 22:31

Instrument :

BNA_F

ClientSampleId :

SB-50-COMP

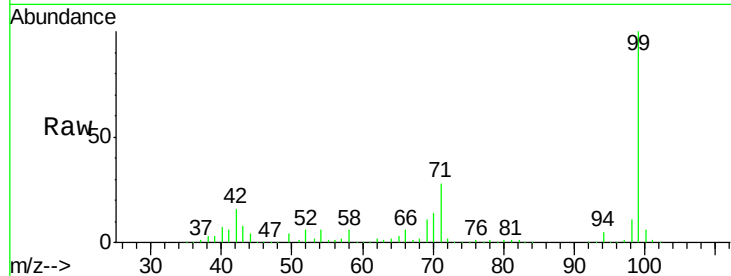
Tgt Ion: 99 Resp: 1276326

Ion Ratio Lower Upper

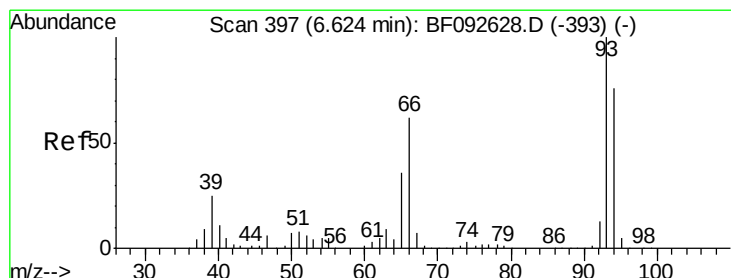
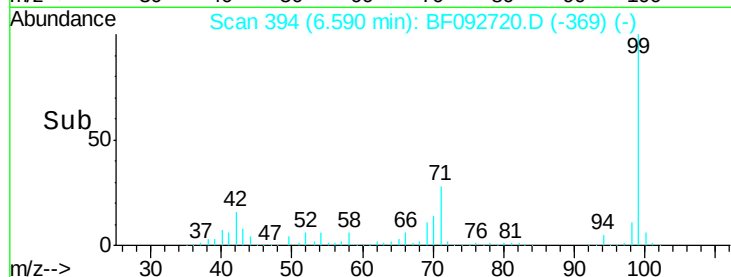
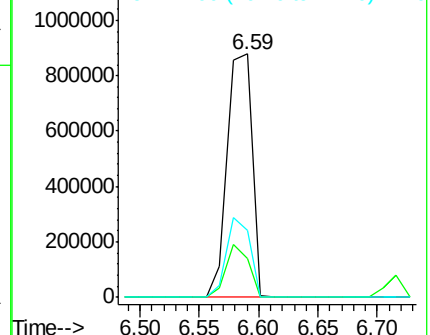
99 100

42 15.9 15.6 23.4

71 27.8 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: 4.86 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092720.D

Acq: 1 Feb 2017 22:31

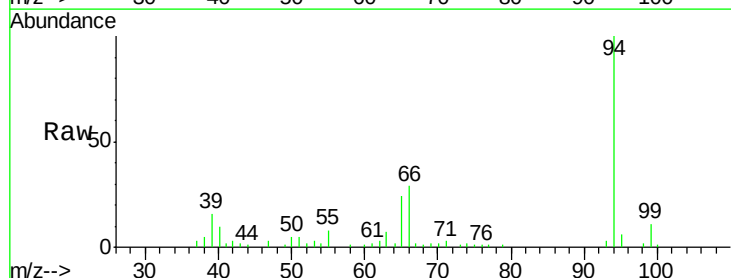
Tgt Ion: 94 Resp: 68286

Ion Ratio Lower Upper

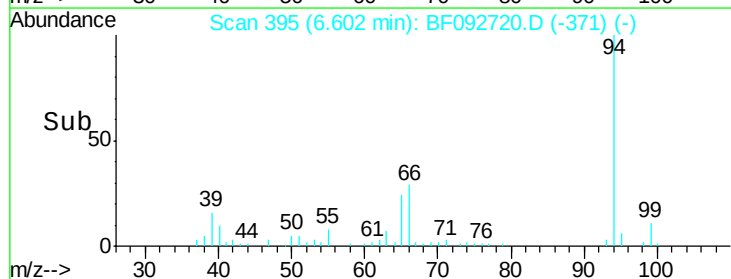
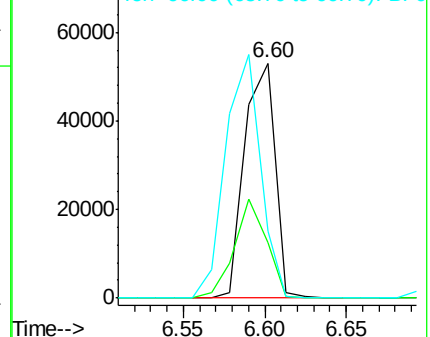
94 100

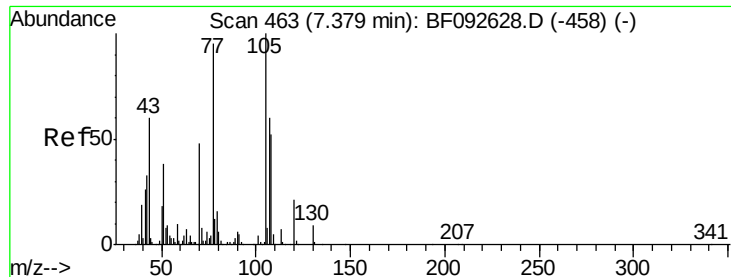
65 23.7 21.4 61.4

66 28.5 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

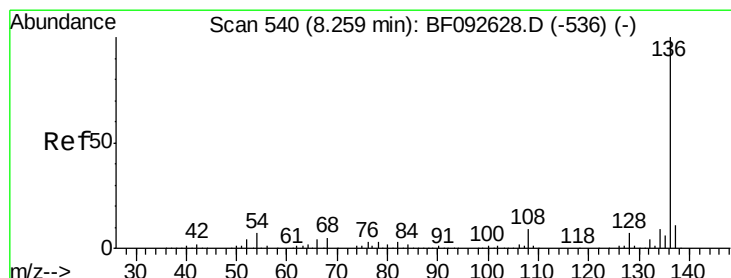
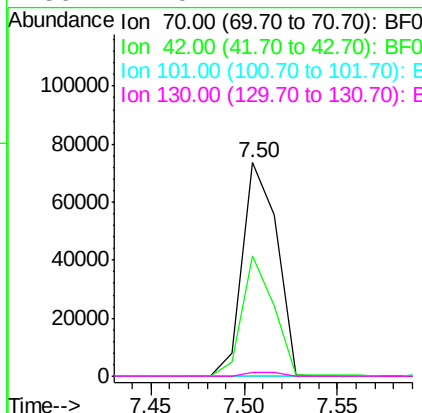
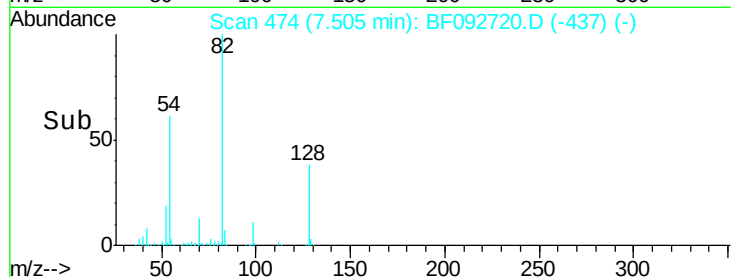
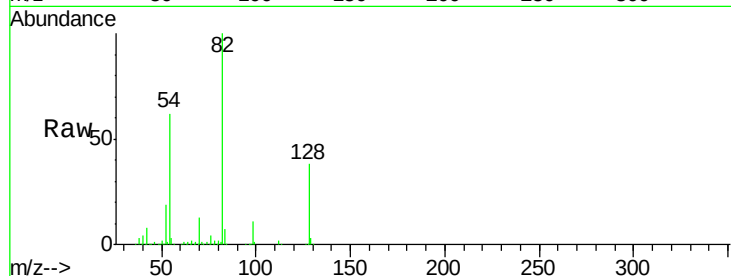




#19
n-Nitroso-di-n-propylamine
Concen: 12.37 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.13 min
Lab File: BF092720.D
Acq: 1 Feb 2017 22:31

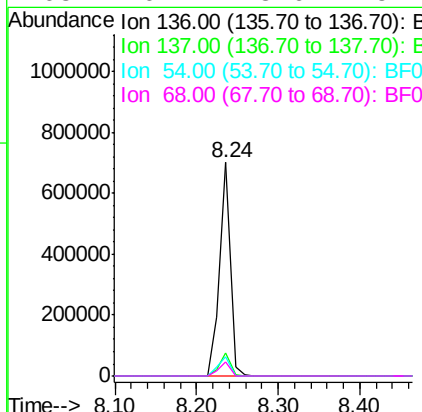
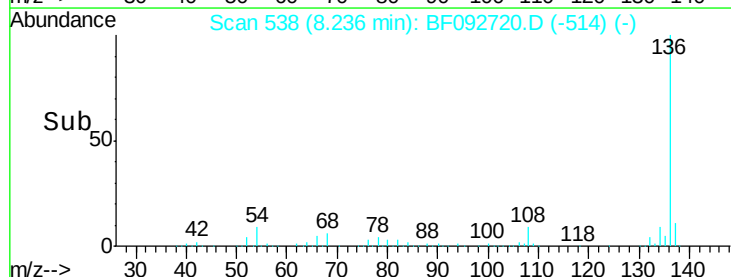
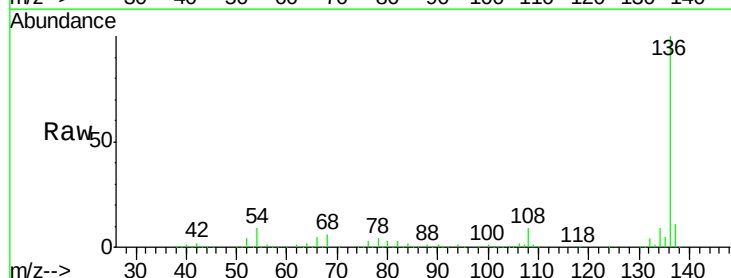
Instrument :
BNA_F
ClientSampleId :
SB-50-COMP

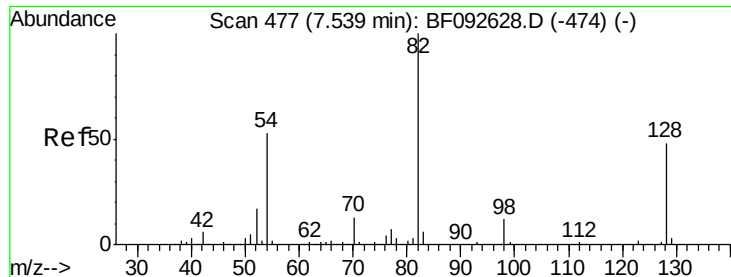
Tgt Ion: 70 Resp: 94521
Ion Ratio Lower Upper
70 100
42 56.5 49.4 74.0
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092720.D
Acq: 1 Feb 2017 22:31

Tgt Ion: 136 Resp: 642237
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 9.0 4.5 6.7#
68 6.4 3.6 5.4#

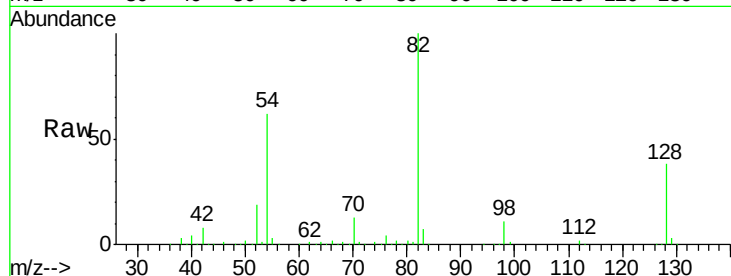




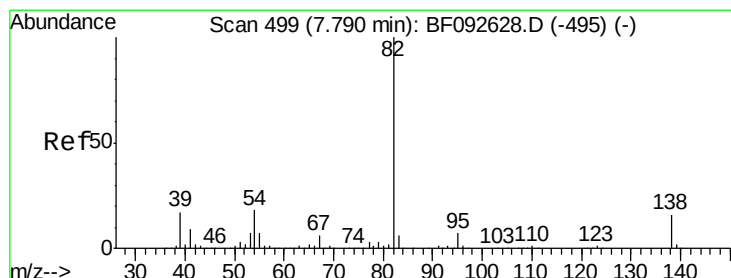
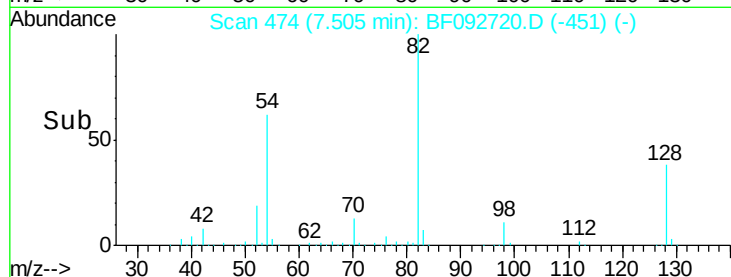
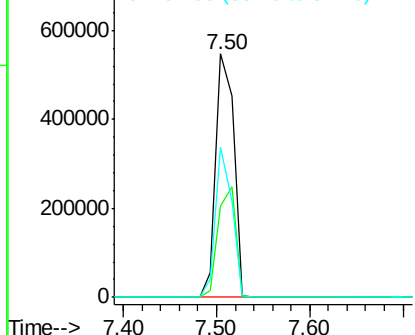
#23
Nitrobenzene-d5
Concen: 63.37 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF092720.D
Acq: 1 Feb 2017 22:31

Instrument :
BNA_F
ClientSampleId :
SB-50-COMP

Tgt Ion: 82 Resp: 730833
Ion Ratio Lower Upper
82 100
128 37.8 34.6 52.0
54 61.6 39.5 59.3#

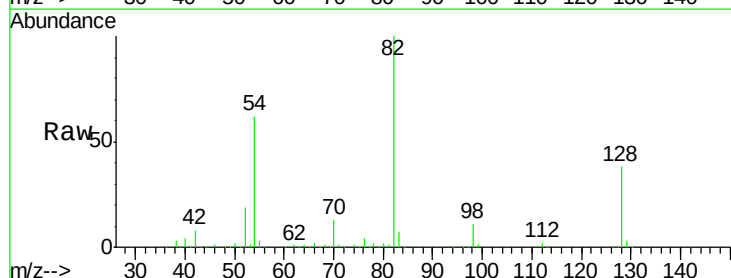


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

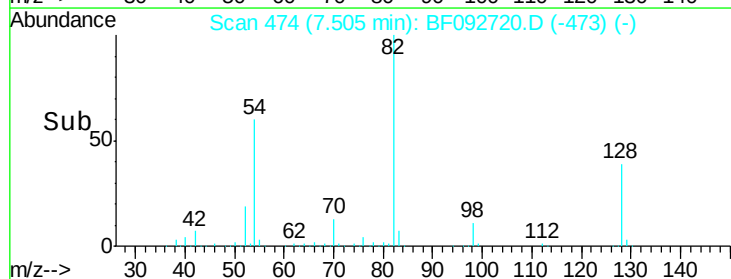
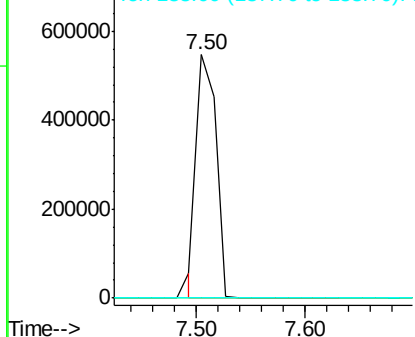


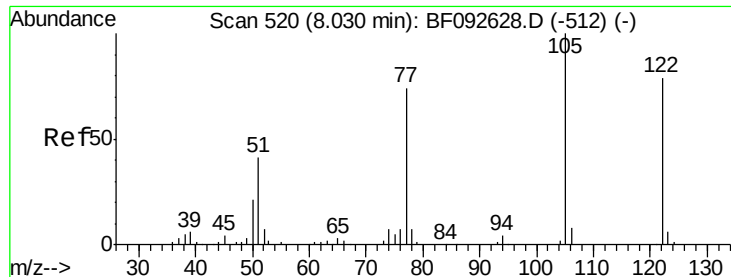
#25
Isophorone
Concen: 32.25 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.29 min
Lab File: BF092720.D
Acq: 1 Feb 2017 22:31

Tgt Ion: 82 Resp: 693062
Ion Ratio Lower Upper
82 100
95 0.0 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

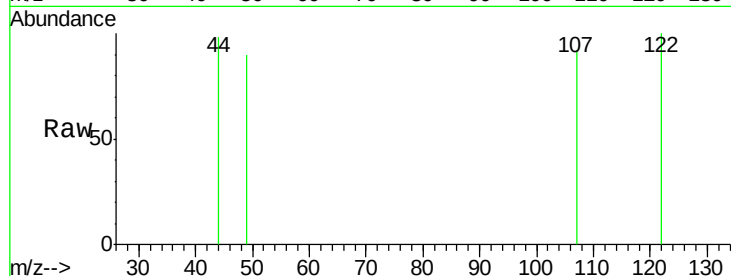




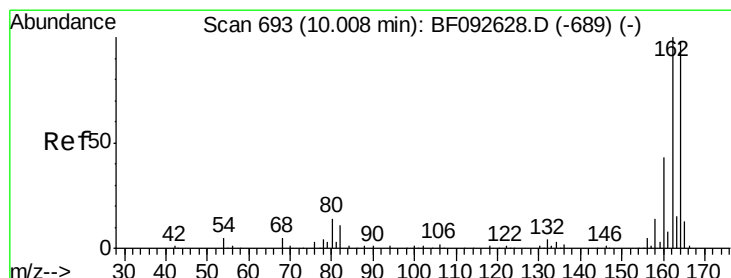
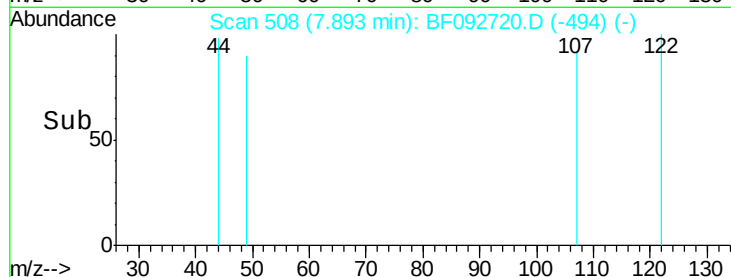
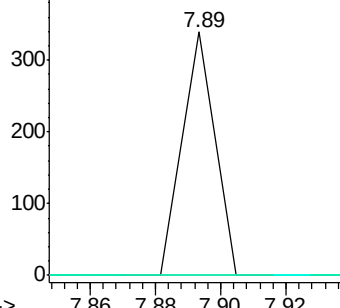
#32
Benzoic acid
Concen: 7.20 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.14 min
Lab File: BF092720.D
Acq: 1 Feb 2017 22:31

Instrument :
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ClientSampleId :
SB-50-COMP

Tgt Ion:122 Resp: 232
Ion Ratio Lower Upper
122 100
105 0.0 107.2 147.2#
77 0.0 74.5 114.5#

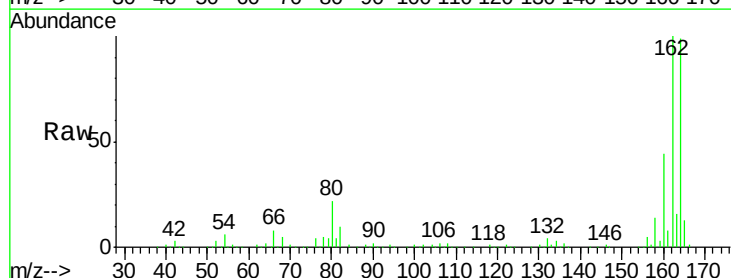


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

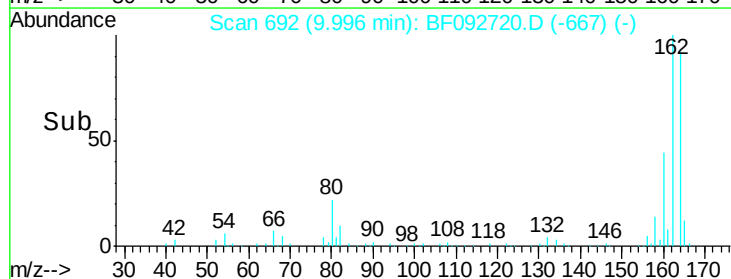
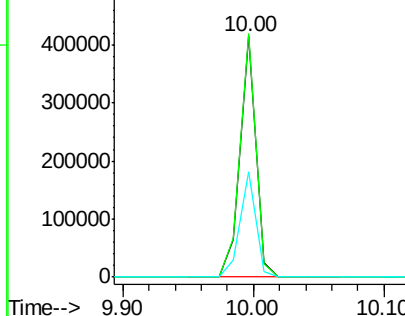


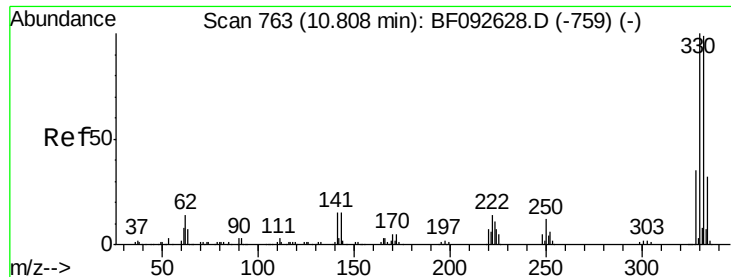
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092720.D
Acq: 1 Feb 2017 22:31

Tgt Ion:164 Resp: 347367
Ion Ratio Lower Upper
164 100
162 101.2 80.2 120.2
160 44.1 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

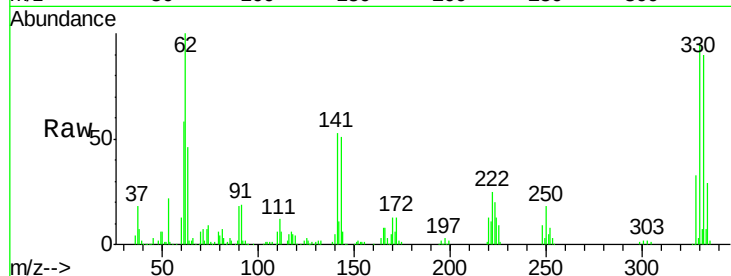




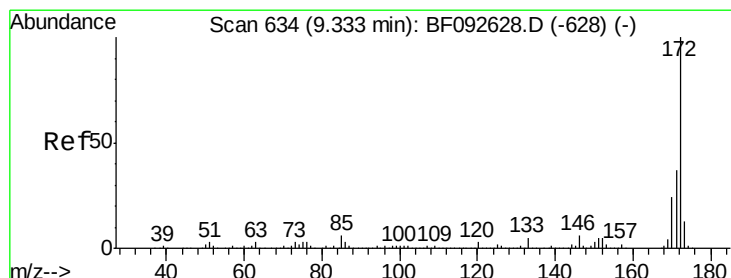
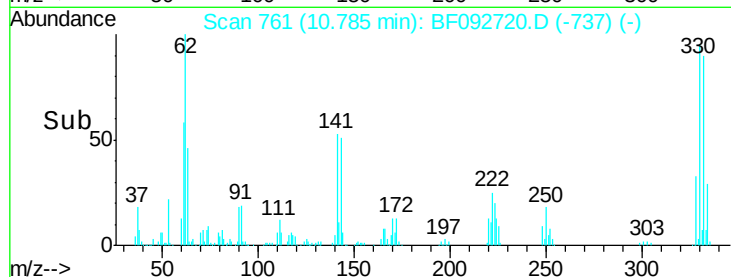
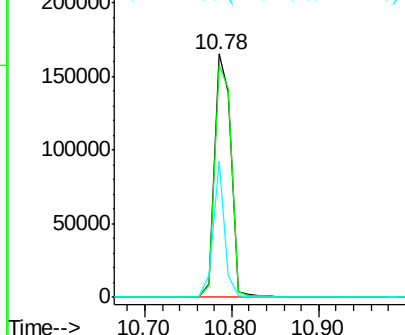
#41
 2,4,6-Tribromophenol
 Concen: 88.09 ng
 RT: 10.78 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BF092720.D
 Acq: 1 Feb 2017 22:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-50-COMP

Tgt Ion:330 Resp: 221312
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 38.8 34.1 51.1

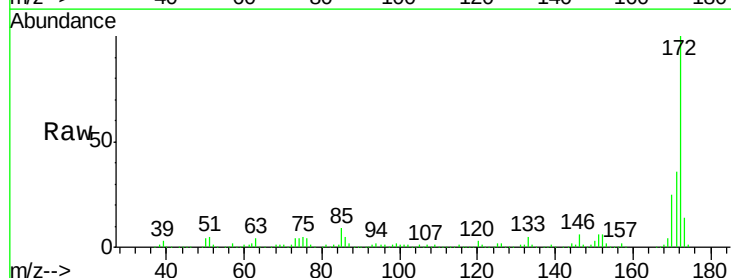


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

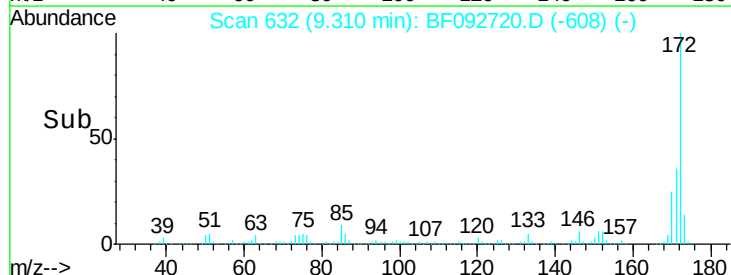
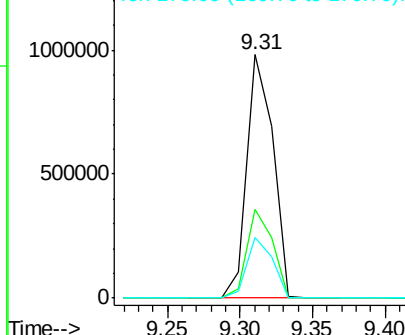


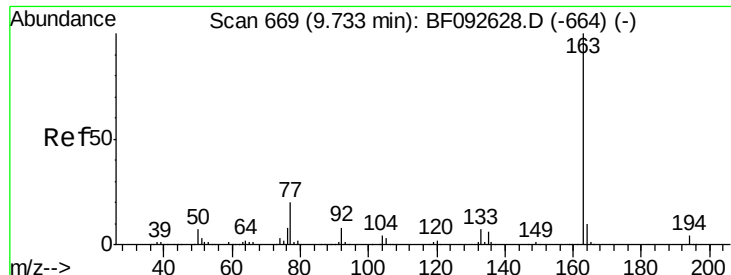
#44
 2-Fluorobiphenyl
 Concen: 64.11 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF092720.D
 Acq: 1 Feb 2017 22:31

Tgt Ion:172 Resp: 1229161
 Ion Ratio Lower Upper
 172 100
 171 36.2 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

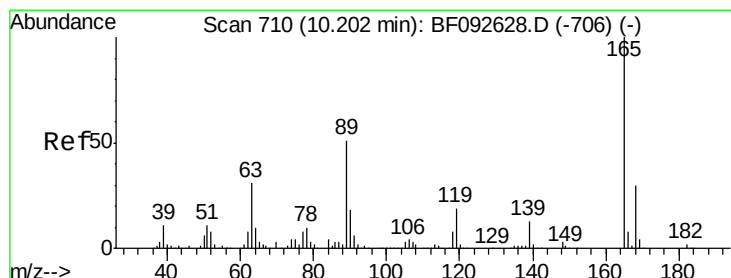
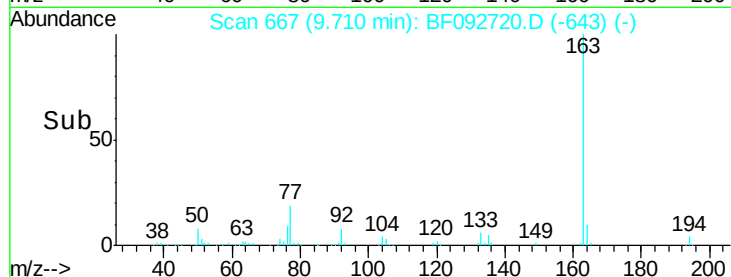
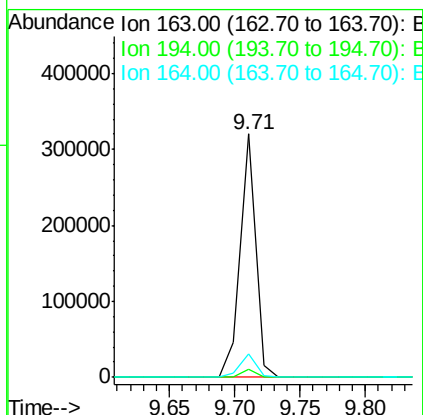
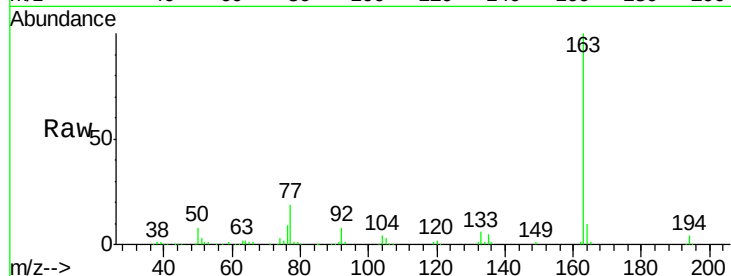




#49
Dimethylphthalate
Concen: 11.29 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF092720.D
Acq: 1 Feb 2017 22:31

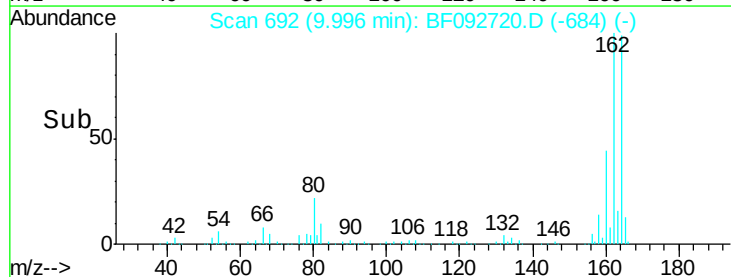
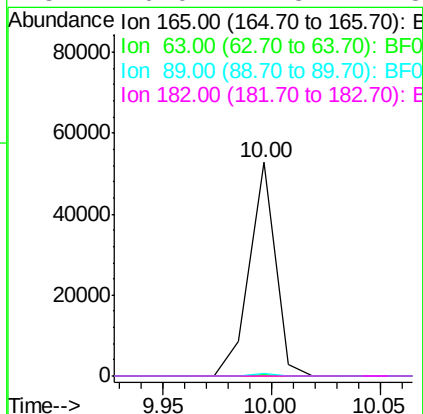
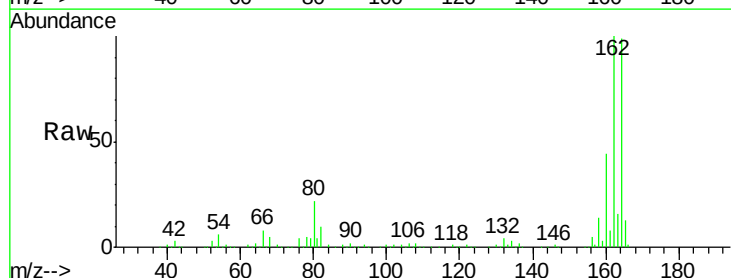
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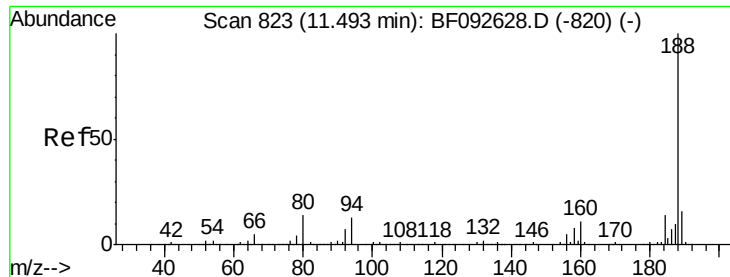
Tgt Ion:163 Resp: 264226
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 9.7 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 6.56 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.21 min
Lab File: BF092720.D
Acq: 1 Feb 2017 22:31

Tgt Ion:165 Resp: 44144
Ion Ratio Lower Upper
165 100
63 0.7 40.2 60.4#
89 1.1 62.5 93.7#
182 0.0 1.8 2.8#

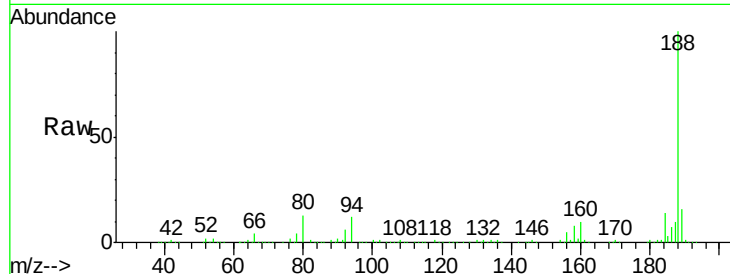




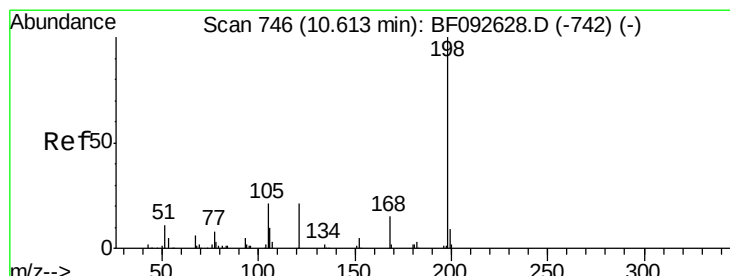
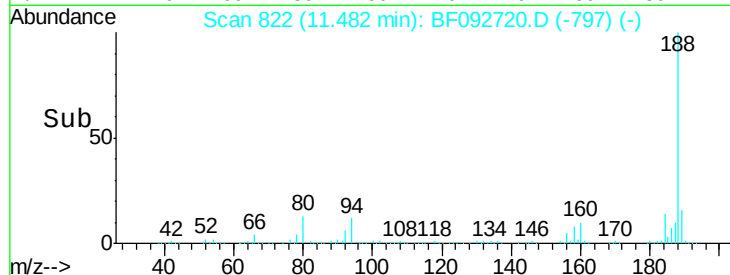
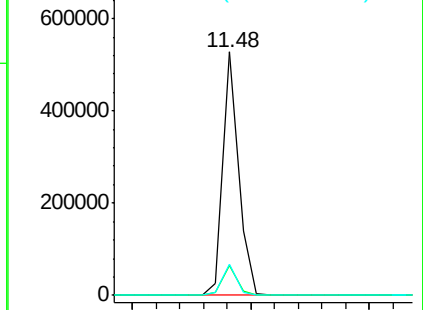
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF092720.D
 Acq: 1 Feb 2017 22:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-50-COMP

Tgt Ion:188 Resp: 478714
 Ion Ratio Lower Upper
 188 100
 94 12.1 10.0 15.0
 80 12.8 11.2 16.8

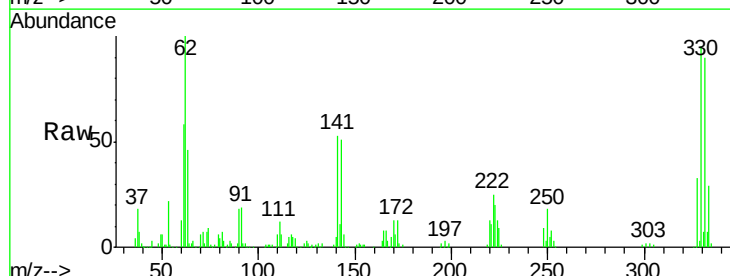


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

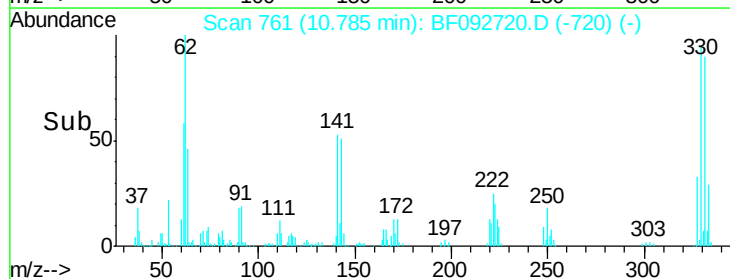
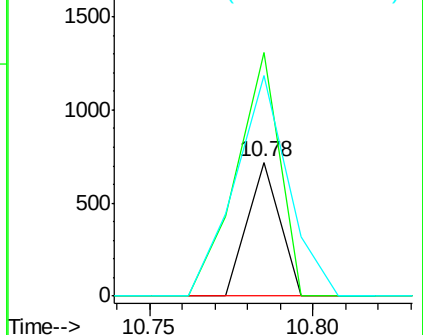


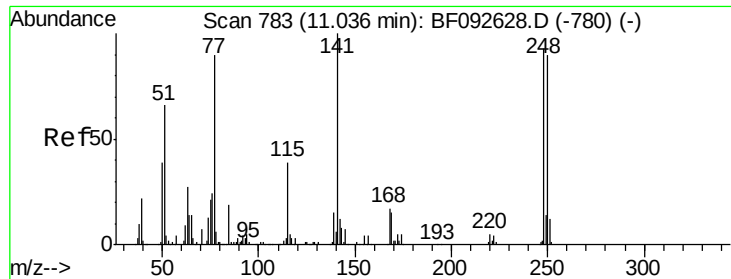
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.83 ng
 RT: 10.78 min Scan# 761
 Delta R.T. 0.17 min
 Lab File: BF092720.D
 Acq: 1 Feb 2017 22:31

Tgt Ion:198 Resp: 493
 Ion Ratio Lower Upper
 198 100
 51 181.9 6.7 46.7#
 105 165.1 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

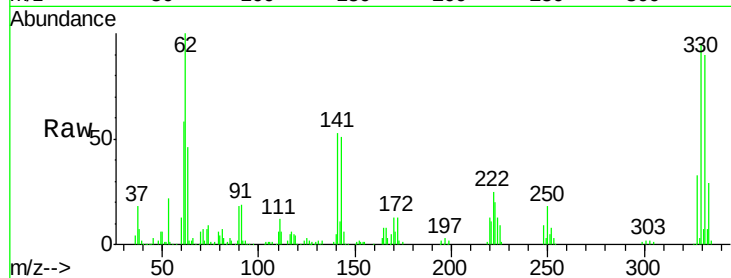




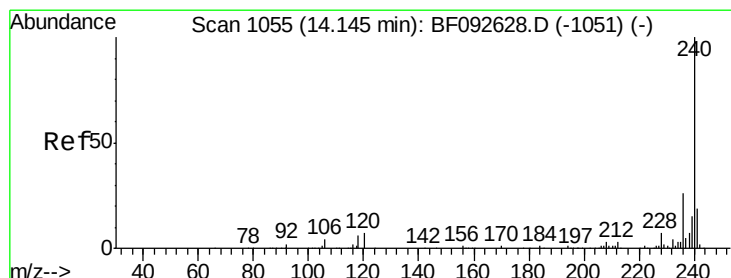
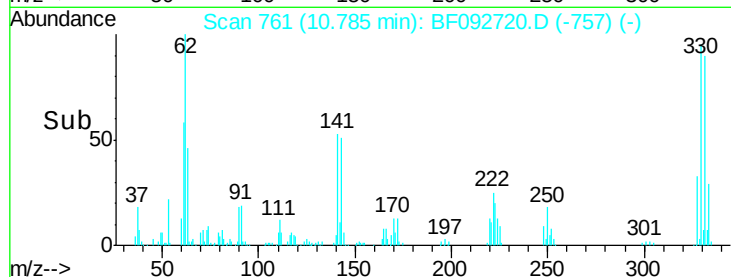
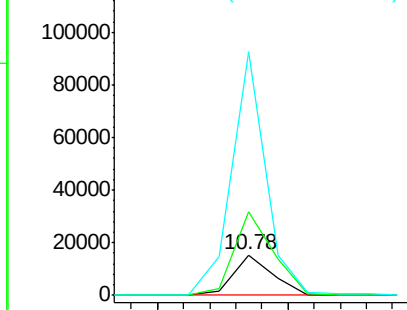
#66
 4-Bromophenyl-phenylether
 Concen: 3.18 ng
 RT: 10.78 min Scan# 761
 Delta R.T. -0.25 min
 Lab File: BF092720.D
 Acq: 1 Feb 2017 22:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-50-COMP

Tgt Ion:248 Resp: 15925
 Ion Ratio Lower Upper
 248 100
 250 204.4 76.9 115.3#
 141 598.7 68.2 102.4#

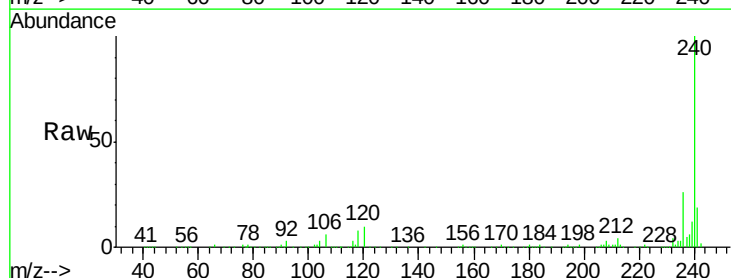


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

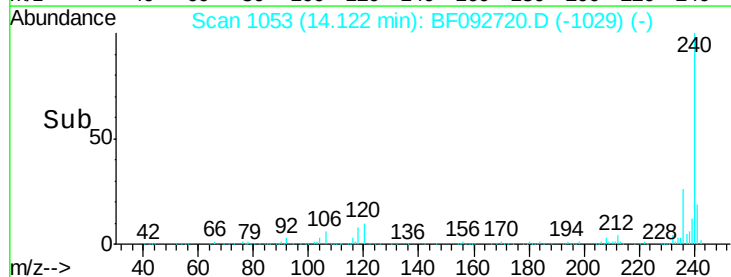
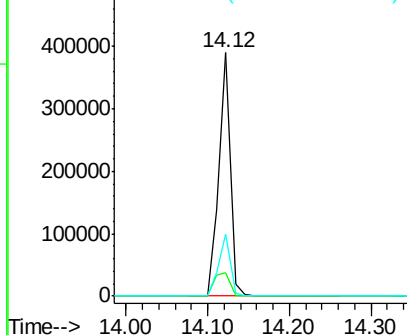


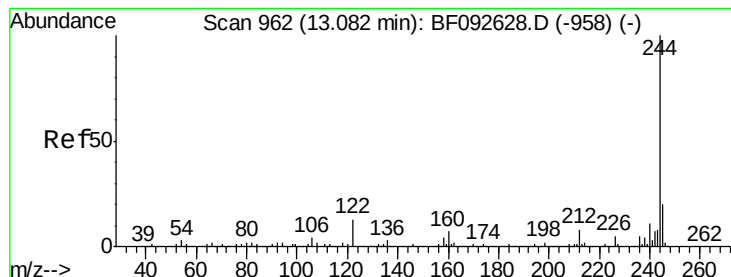
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.12 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: BF092720.D
 Acq: 1 Feb 2017 22:31

Tgt Ion:240 Resp: 380896
 Ion Ratio Lower Upper
 240 100
 120 9.5 12.9 19.3#
 236 25.6 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: 62.08 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092720.D

Acq: 1 Feb 2017 22:31

Instrument :

BNA_F

ClientSampleId :

SB-50-COMP

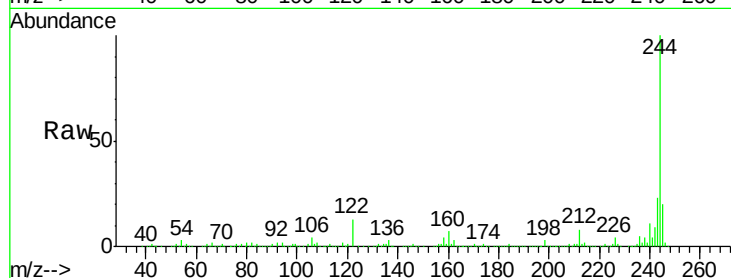
Tgt Ion:244 Resp: 1006429

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

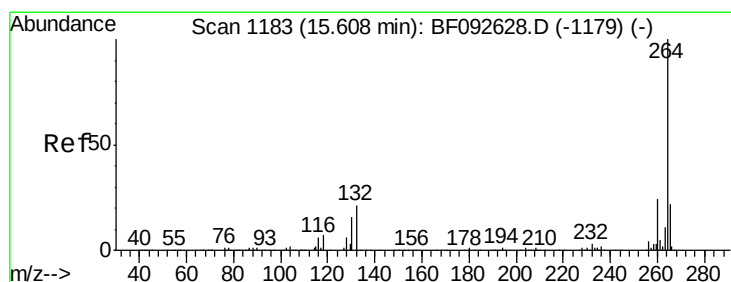
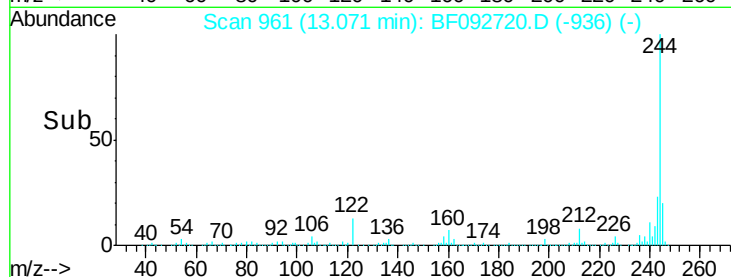
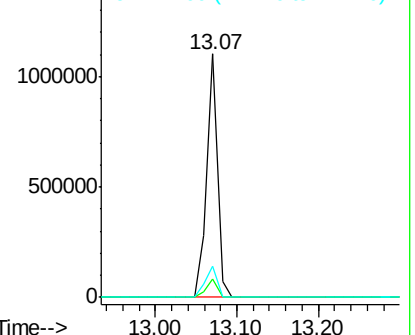
122 12.6 11.4 17.2



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: 15.59 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF092720.D

Acq: 1 Feb 2017 22:31

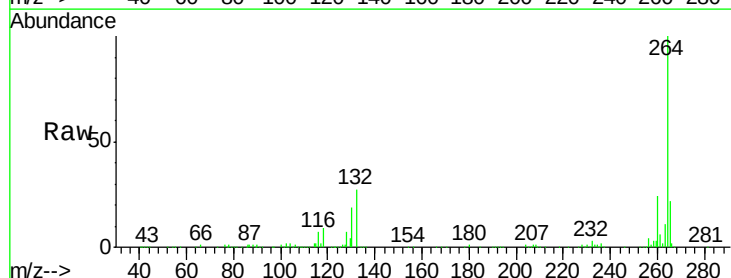
Tgt Ion:264 Resp: 299553

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.7 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

