

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
 Data File : BF092707.D
 Acq On : 1 Feb 2017 16:36
 Operator : SJ/MA
 Sample : I1615-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-2

Quant Time: Feb 01 17:27:25 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	163508	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	606837	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	326527	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	494845	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	457467	20.00	ng	-0.02
86) Perylene-d12	15.59	264	330198	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	1233819	129.46	ng	-0.01
7) Phenol-d6	6.59	99	1620017	132.11	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1157278	106.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	340697	144.26	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1730553	96.02	ng	-0.01
78) Terphenyl-d14	13.07	244	1438678	73.89	ng	-0.01

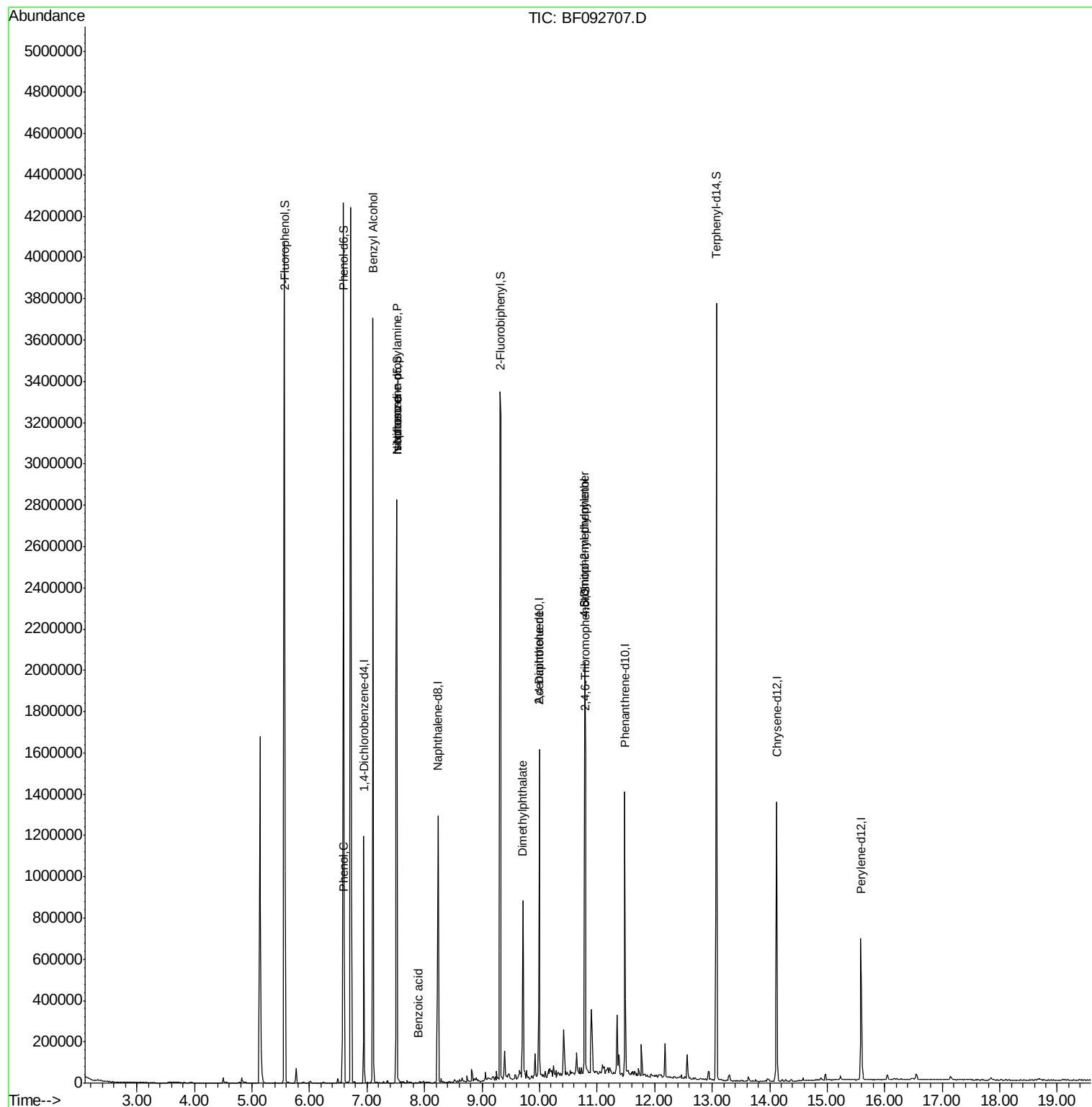
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.60	94	156467	10.91	ng	# 68
15) Benzyl Alcohol	7.10	79	18477	2.04	ng	# 33
19) n-Nitroso-di-n-propylamine	7.52	70	152839	19.58	ng	# 79
25) Isophorone	7.52	82	1108397	54.58	ng	# 65
32) Benzoic acid	7.89	122	326	7.22	ng	# 26
49) Dimethylphthalate	9.71	163	306417	13.93	ng	# 99
56) 2,4-Dinitrotoluene	10.00	165	43268	6.84	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.78	198	747	2.90	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	24065	4.65	ng	# 1

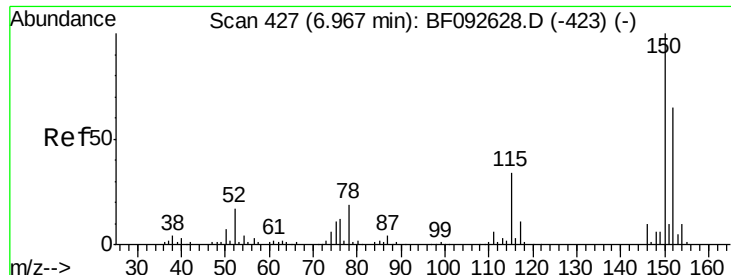
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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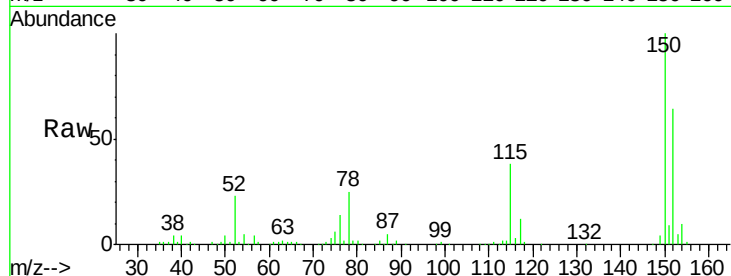


#1

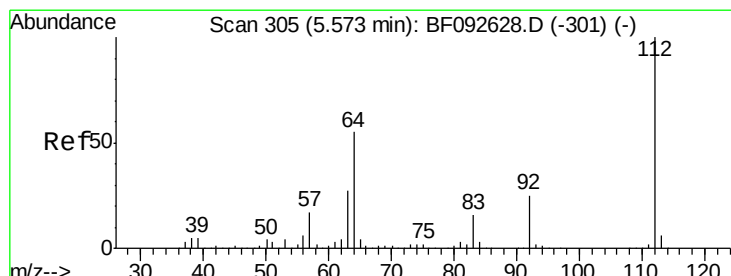
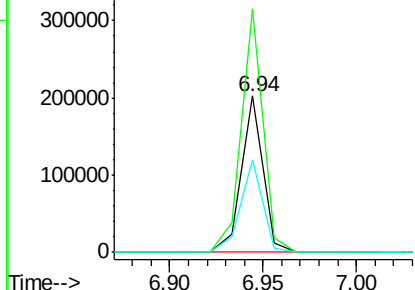
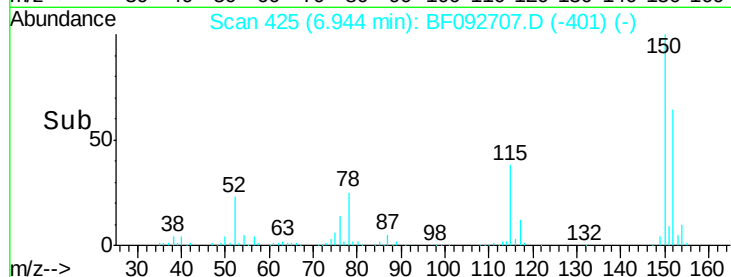
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF092707.D
Acq: 1 Feb 2017 16:36

Instrument :
BNA_F
ClientSampleId :
SS-2

Tot Ion:152 Resp: 163508
Ion Ratio Lower Upper
152 100
150 155.7 124.9 187.3
115 59.4 46.0 69.0



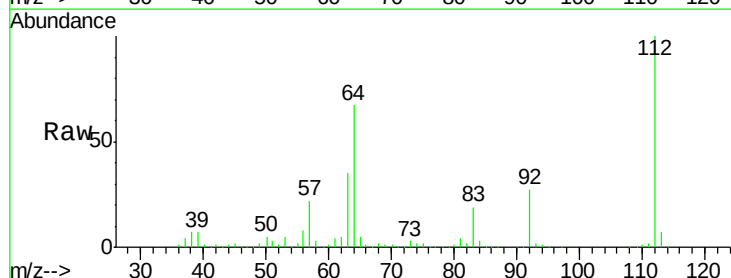
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



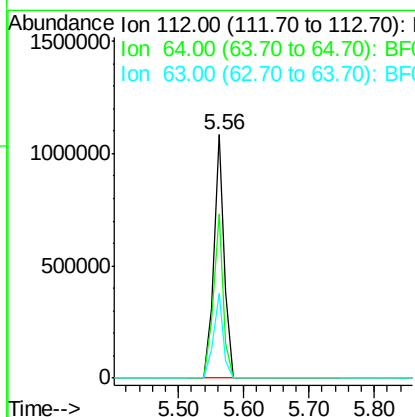
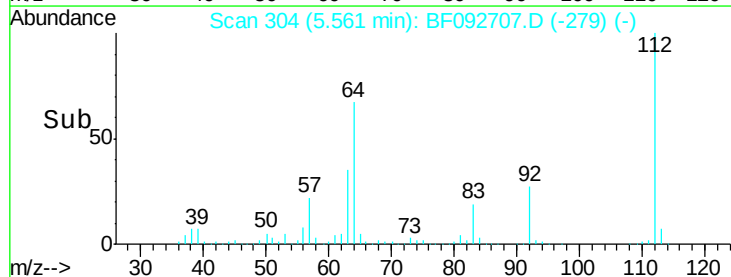
#5

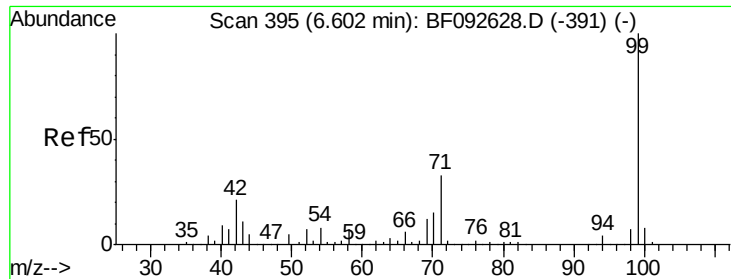
2-Fluorophenol
Concen: 129.46 ng
RT: 5.56 min Scan# 304
Delta R.T. -0.01 min
Lab File: BF092707.D
Acq: 1 Feb 2017 16:36

Tgt Ion:112 Resp: 1233819
Ion Ratio Lower Upper
112 100
64 67.5 46.1 69.1
63 34.7 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: 132.11 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092707.D

Acq: 1 Feb 2017 16:36

Instrument :

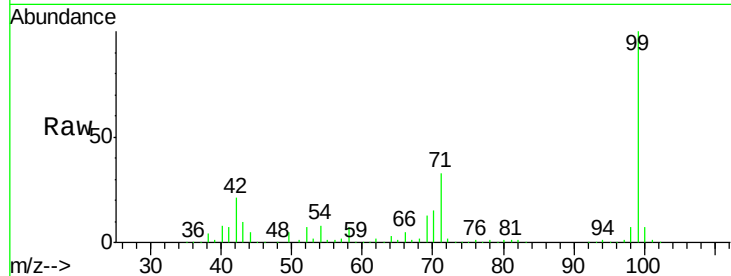
BNA_F

ClientSampleId :

SS-2

Tot Ion: 99 Resp: 1620017

Ion	Ratio	Lower	Upper
99	100		
42	20.7	15.6	23.4
71	32.8	27.5	41.3

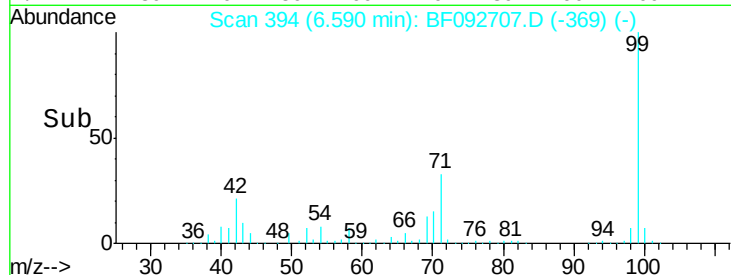


Abundance

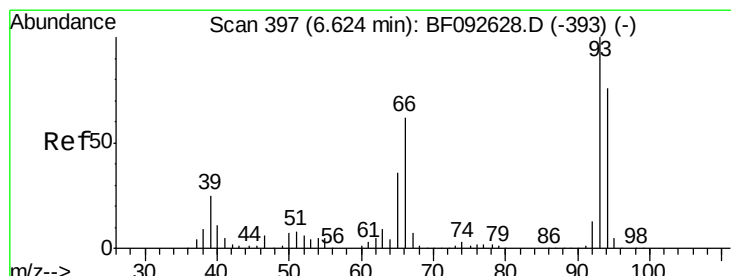
Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



6.59



#10

Phenol

Concen: 10.91 ng

RT: 6.60 min Scan# 395

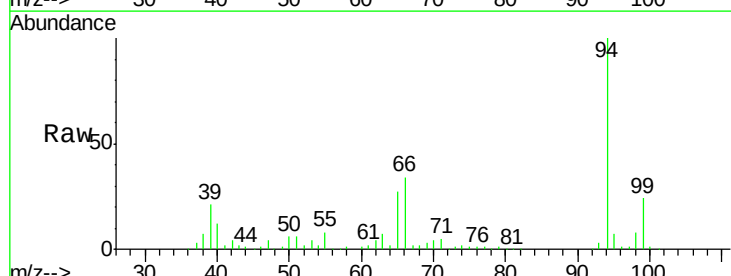
Delta R.T. -0.02 min

Lab File: BF092707.D

Acq: 1 Feb 2017 16:36

Tgt Ion: 94 Resp: 156467

Ion	Ratio	Lower	Upper
94	100		
65	26.7	21.4	61.4
66	34.4	44.0	84.0#

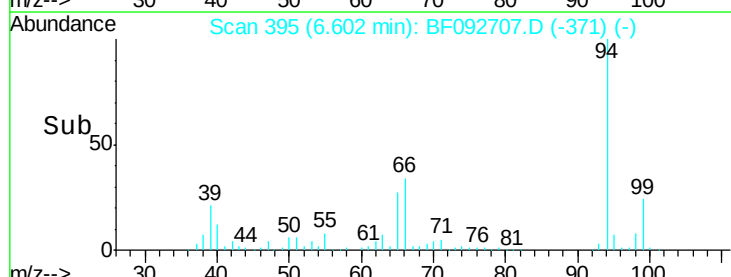


Abundance

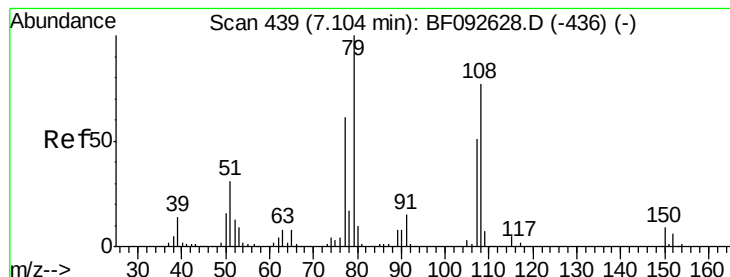
Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



6.60



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF092707.D

Acq: 1 Feb 2017 16:36

Instrument :

BNA_F

ClientSampled :

SS-2

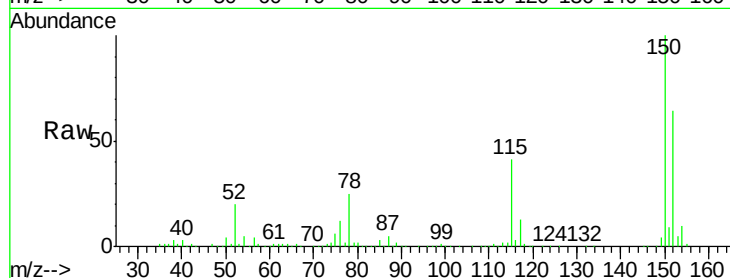
Tot Ion: 79 Resp: 18477

Ion Ratio Lower Upper

79 100

108 26.6 61.4 92.0#

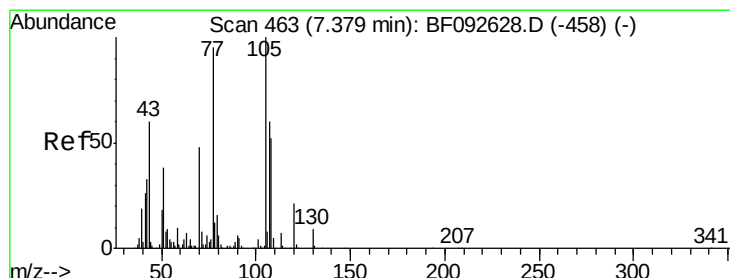
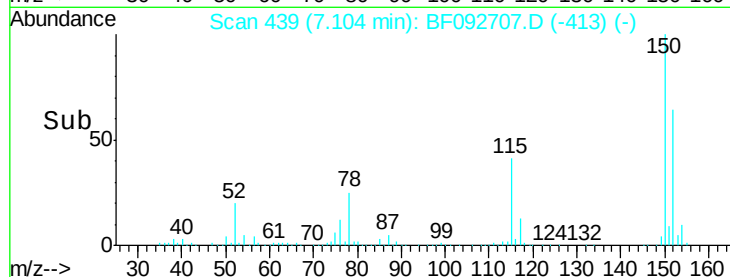
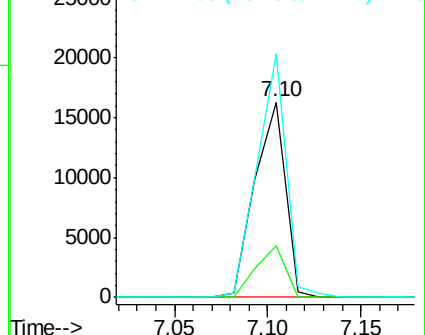
77 124.6 50.9 76.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 19.58 ng

RT: 7.52 min Scan# 475

Delta R.T. 0.14 min

Lab File: BF092707.D

Acq: 1 Feb 2017 16:36

Tgt Ion: 70 Resp: 152839

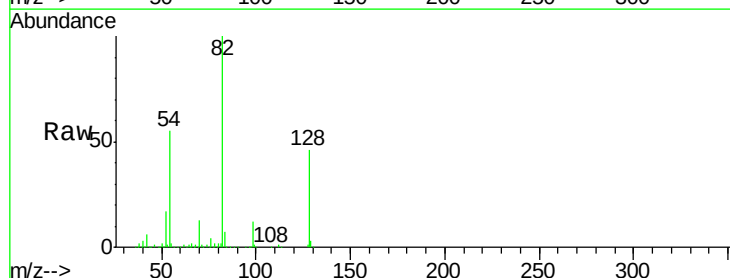
Ion Ratio Lower Upper

70 100

42 49.8 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

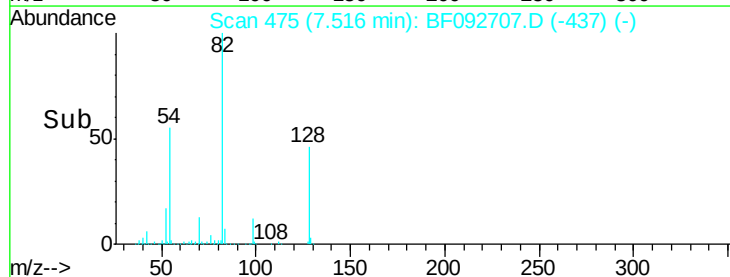
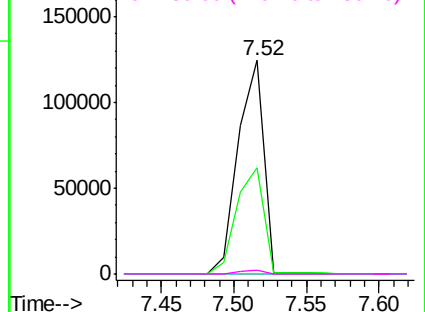


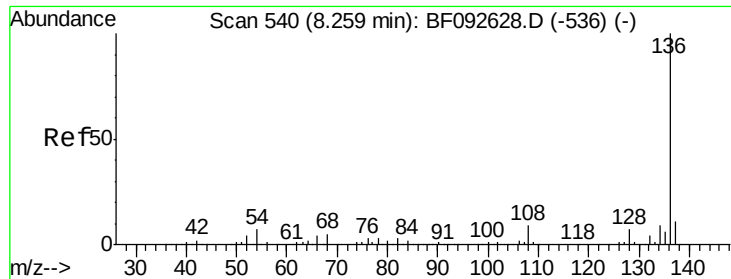
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

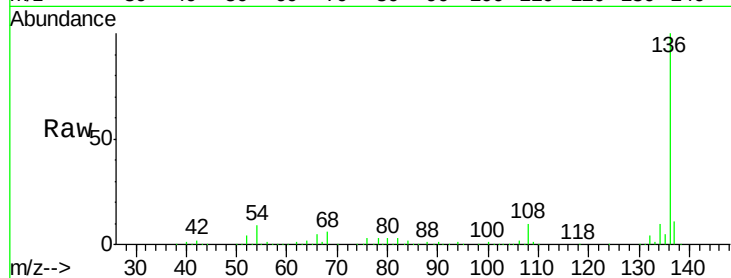




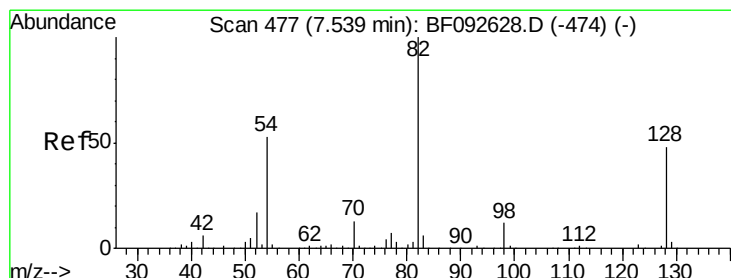
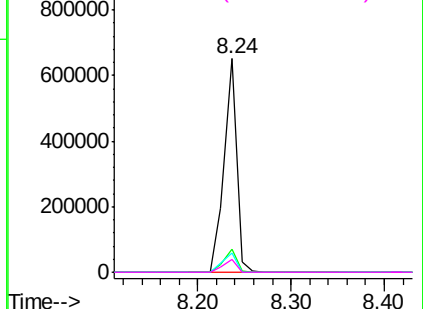
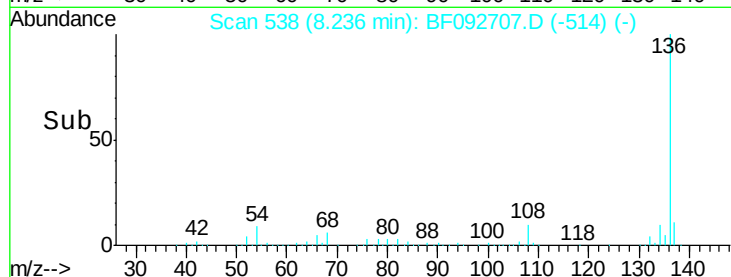
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092707.D
Acq: 1 Feb 2017 16:36

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:136	Resp:	606837
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.4 12.6
54	9.0	4.5 6.7#
68	6.1	3.6 5.4#

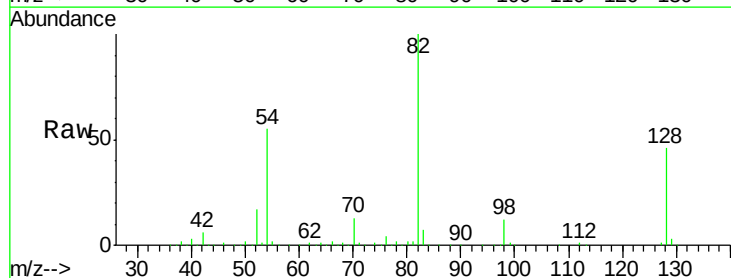


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

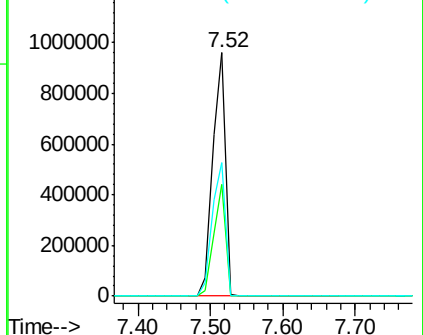
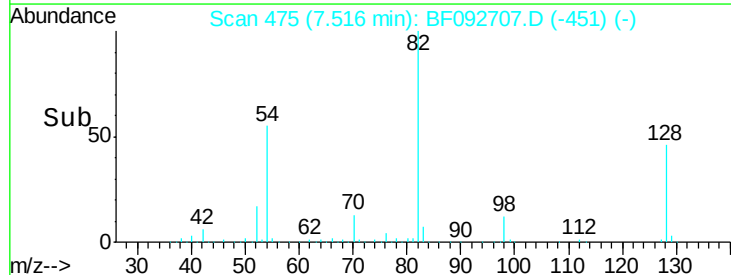


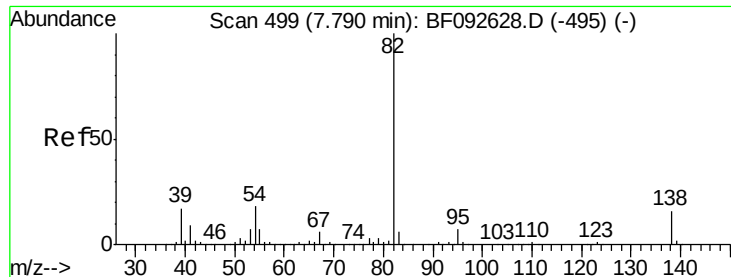
#23
Nitrobenzene-d5
Concen: 106.20 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092707.D
Acq: 1 Feb 2017 16:36

Tgt Ion: 82	Resp:	1157278
Ion Ratio	Lower	Upper
82	100	
128	45.9	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): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 54.58 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.27 min

Lab File: BF092707.D

Acq: 1 Feb 2017 16:36

Instrument :

BNA_F

ClientSampleId :

SS-2

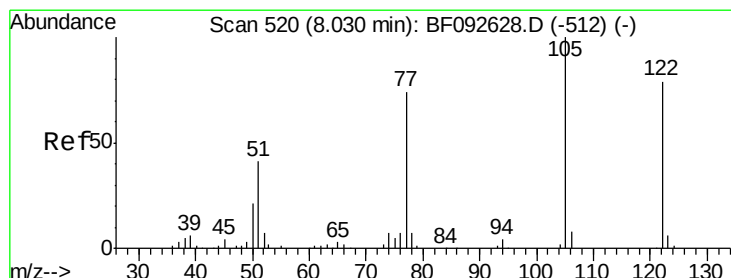
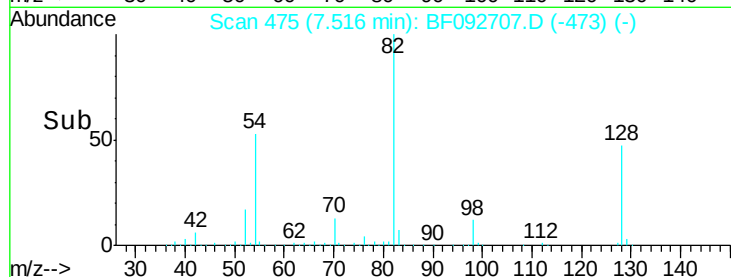
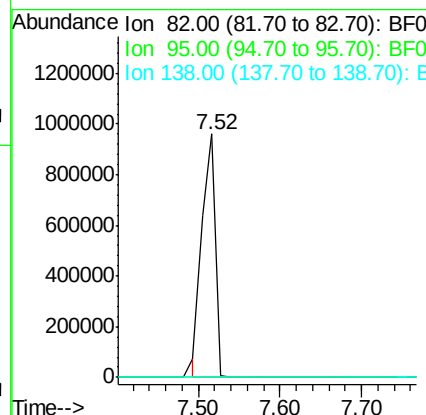
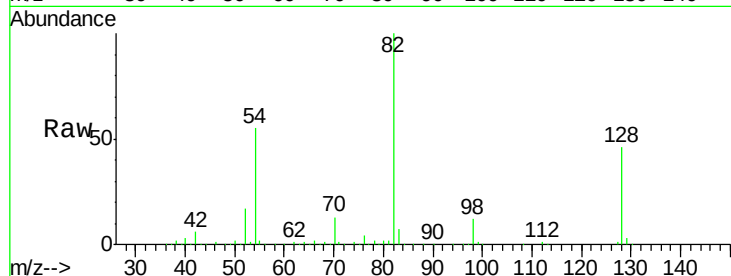
Tot Ion: 82 Resp: 1108397

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#32

Benzoic acid

Concen: 7.22 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.14 min

Lab File: BF092707.D

Acq: 1 Feb 2017 16:36

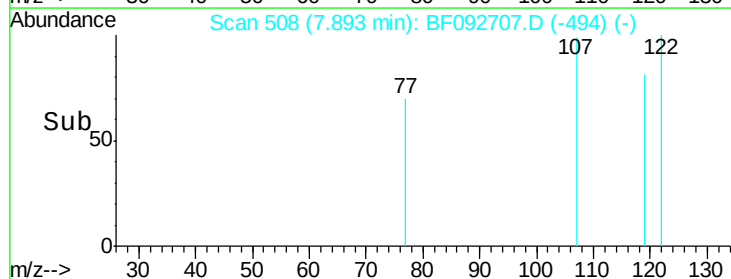
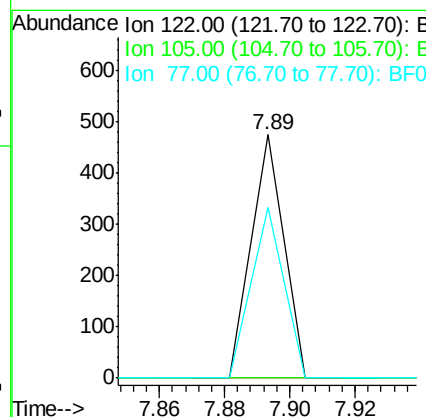
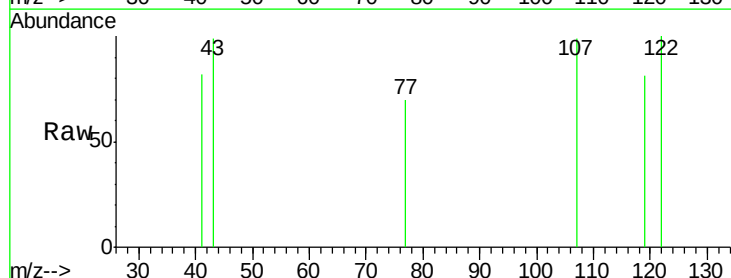
Tgt Ion: 122 Resp: 326

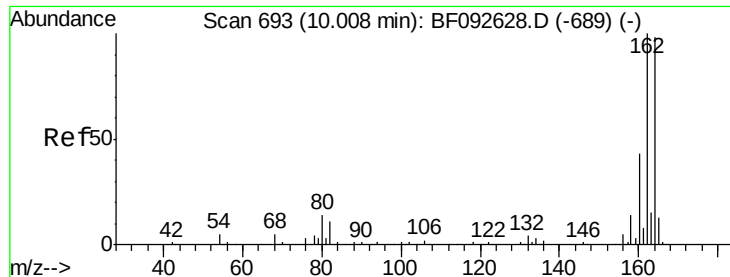
Ion Ratio Lower Upper

122 100

105 0.0 107.2 147.2#

77 70.3 74.5 114.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF092707.D

Acq: 1 Feb 2017 16:36

Instrument :

BNA_F

ClientSampleId :

SS-2

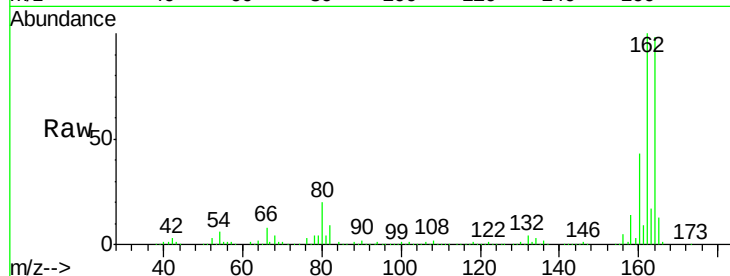
Tot Ion:164 Resp: 326527

Ion Ratio Lower Upper

164 100

162 101.5 80.2 120.2

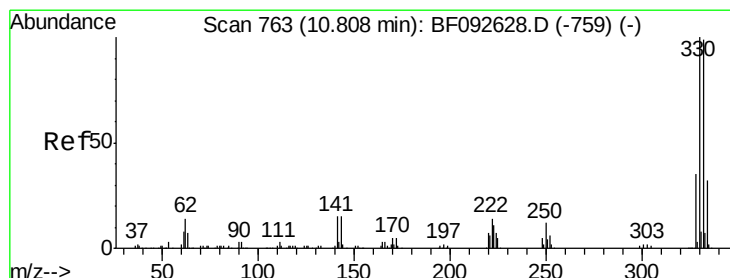
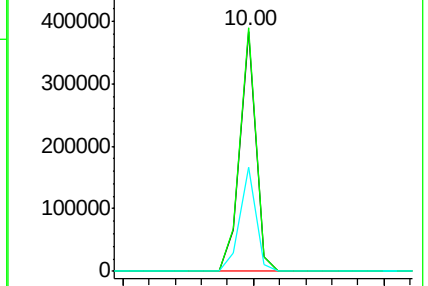
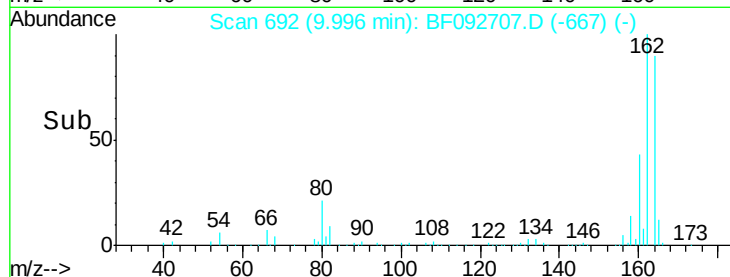
160 43.4 36.9 55.3



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: 144.26 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF092707.D

Acq: 1 Feb 2017 16:36

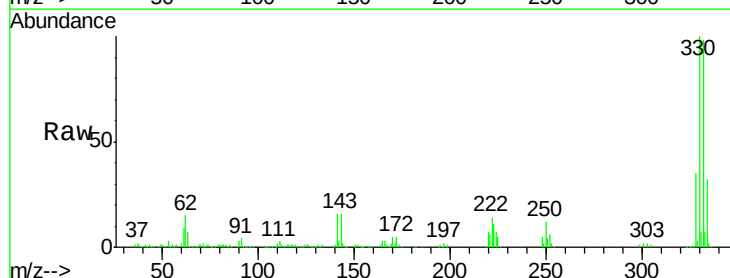
Tgt Ion:330 Resp: 340697

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.2

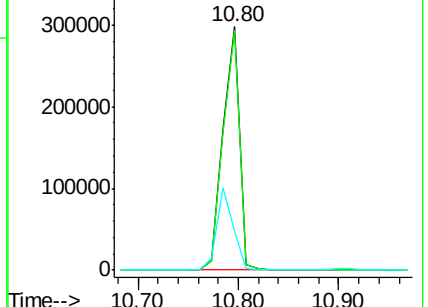
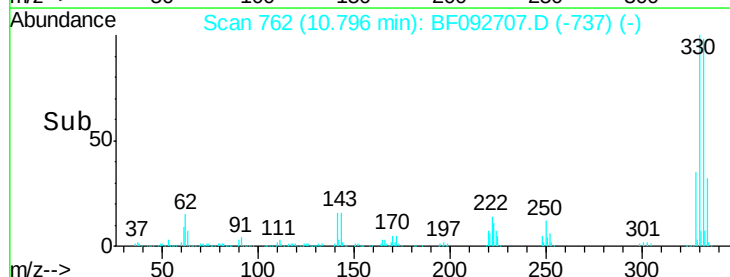
141 33.4 34.1 51.1#

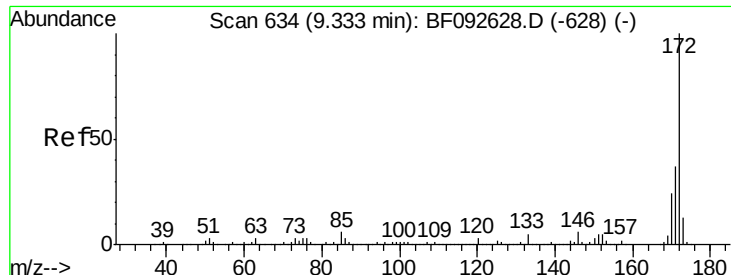


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

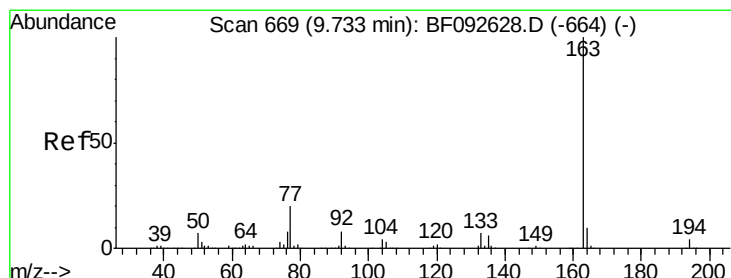
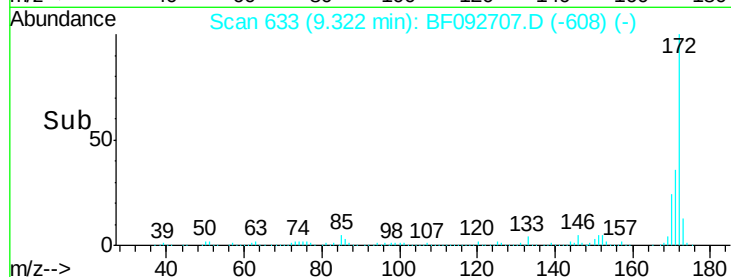
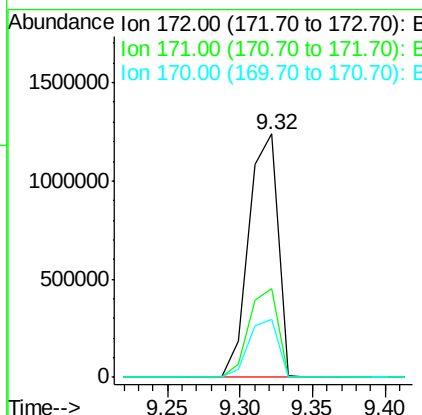
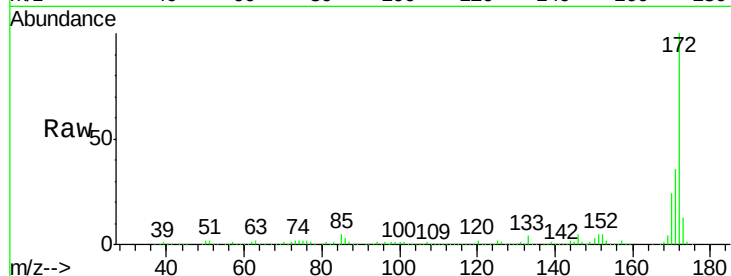




#44
2-Fluorobiphenyl
Concen: 96.02 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF092707.D
Acq: 1 Feb 2017 16:36

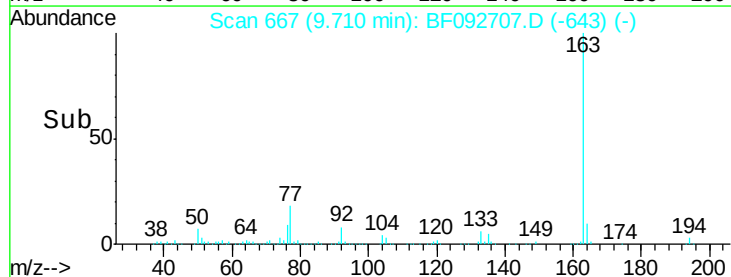
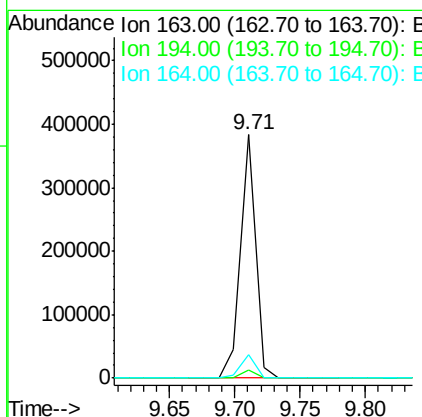
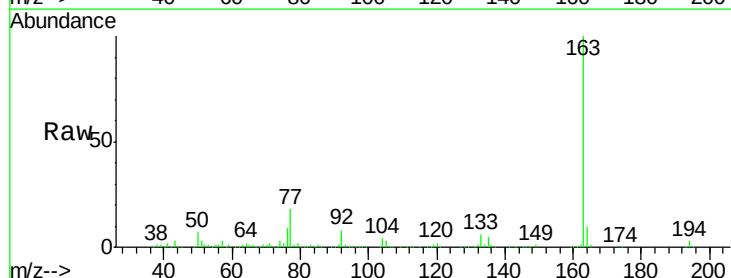
Instrument :
BNA_F
ClientSampleId :
SS-2

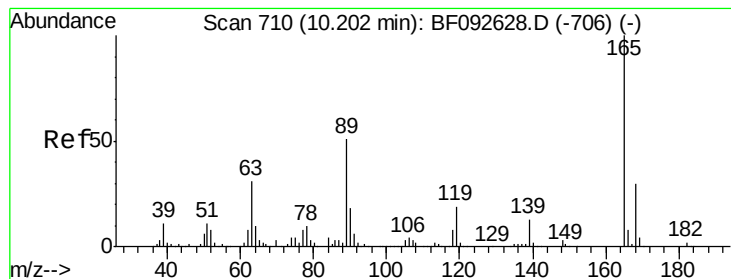
Tot Ion:172 Resp: 1730553
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 24.1 20.2 30.4



#49
Dimethylphthalate
Concen: 13.93 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF092707.D
Acq: 1 Feb 2017 16:36

Tgt Ion:163 Resp: 306417
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 9.9 8.0 12.0





#56

2,4-Dinitrotoluene

Concen: 6.84 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.21 min

Lab File: BF092707.D

Acq: 1 Feb 2017 16:36

Instrument :

BNA_F

ClientSampleId :

SS-2

Tot Ion:165 Resp: 43268

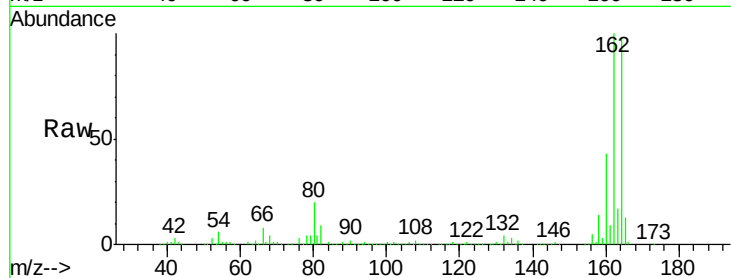
Ion Ratio Lower Upper

165 100

63 1.1 40.2 60.4#

89 1.2 62.5 93.7#

182 0.0 1.8 2.8#

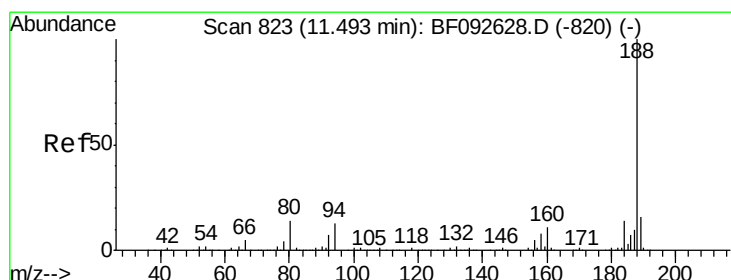
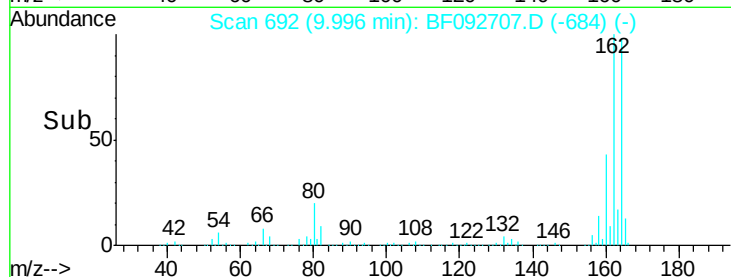
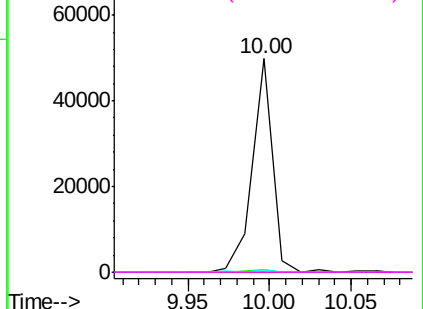


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.48 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF092707.D

Acq: 1 Feb 2017 16:36

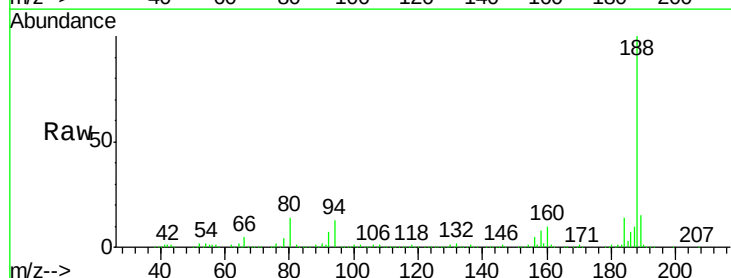
Tgt Ion:188 Resp: 494845

Ion Ratio Lower Upper

188 100

94 12.6 10.0 15.0

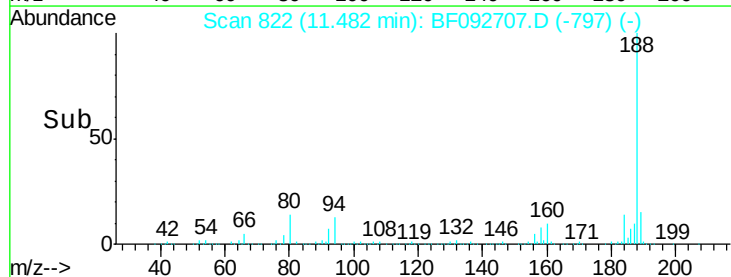
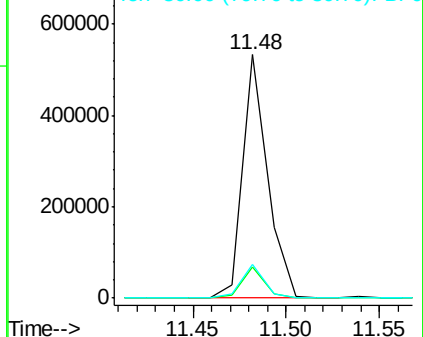
80 13.9 11.2 16.8

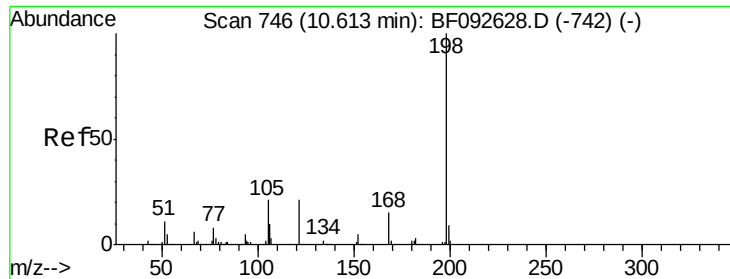


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

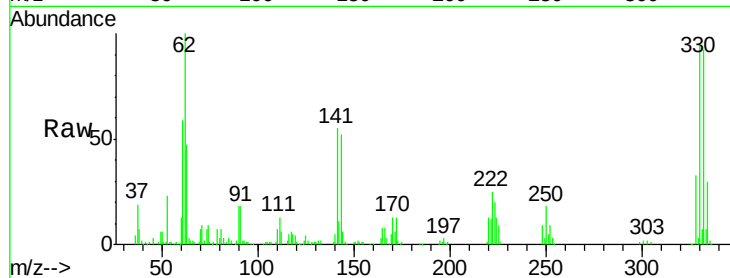




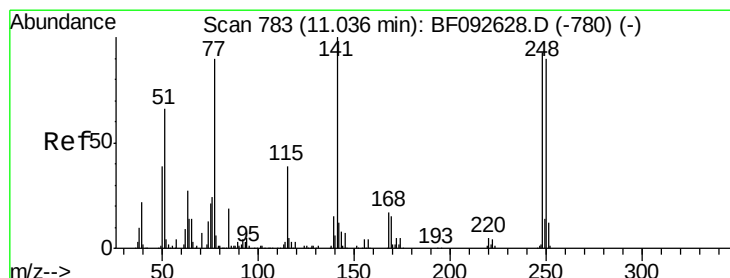
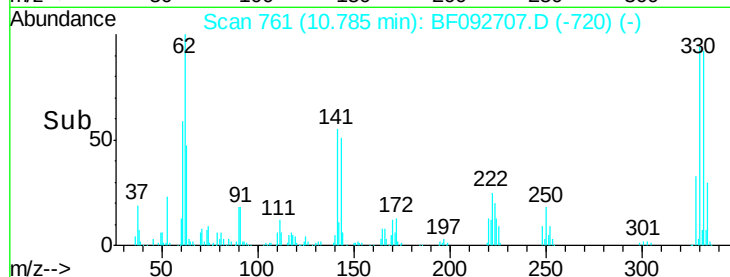
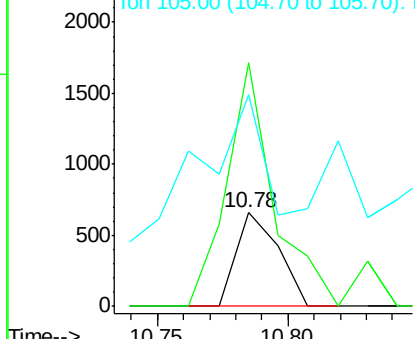
#64
4,6-Dinitro-2-methylphenol
Concen: 2.90 ng
RT: 10.78 min Scan# 761
Delta R.T. 0.17 min
Lab File: BF092707.D
Acq: 1 Feb 2017 16:36

Instrument :
BNA_F
ClientSampled :
SS-2

Tot Ion:198 Resp: 747
Ion Ratio Lower Upper
198 100
51 259.7 6.7 46.7#
105 225.2 16.6 56.6#

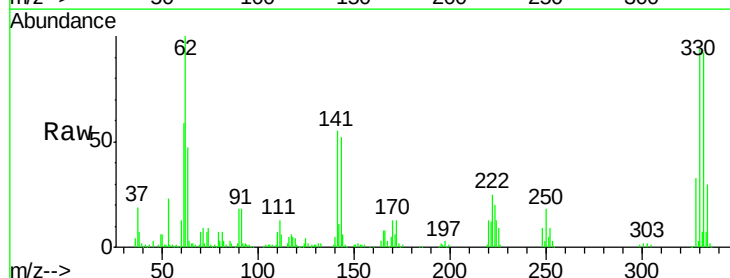


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

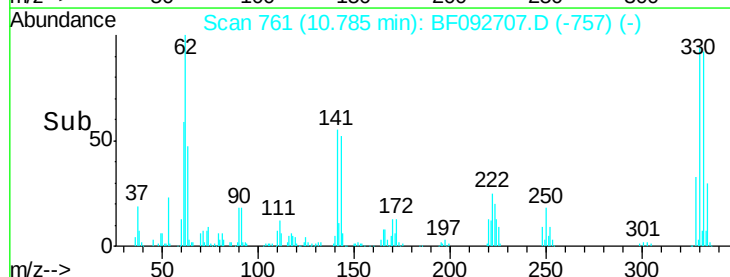
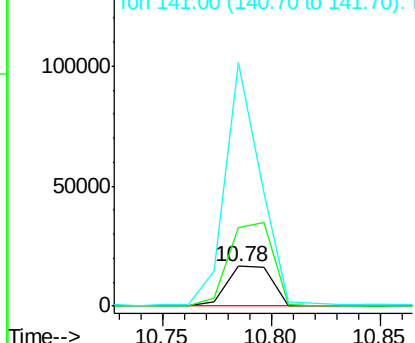


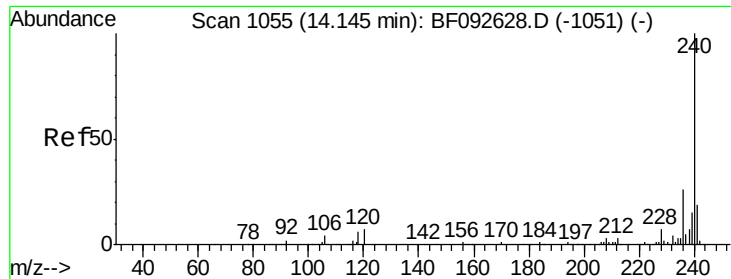
#66
4-Bromophenyl-phenylether
Concen: 4.65 ng
RT: 10.78 min Scan# 761
Delta R.T. -0.25 min
Lab File: BF092707.D
Acq: 1 Feb 2017 16:36

Tgt Ion:248 Resp: 24065
Ion Ratio Lower Upper
248 100
250 196.5 76.9 115.3#
141 613.4 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

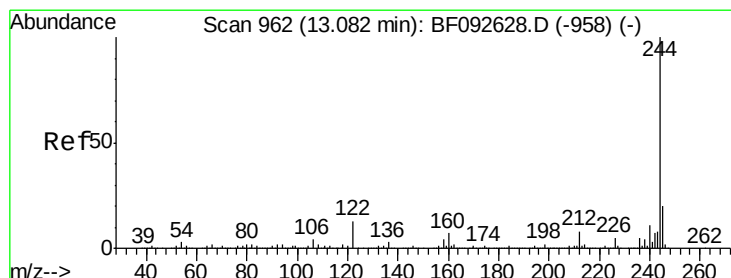
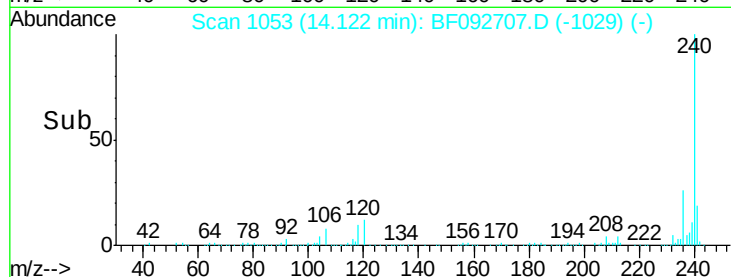
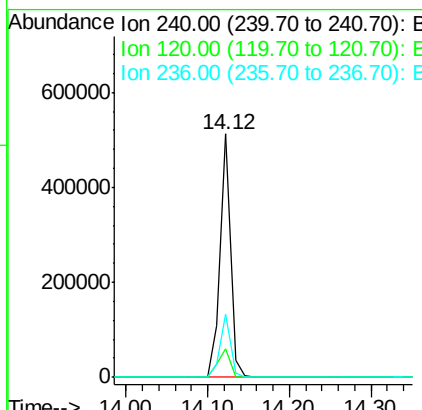
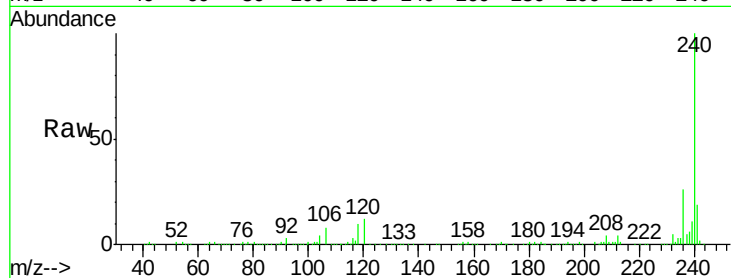




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.12 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: BF092707.D
 Acq: 1 Feb 2017 16:36

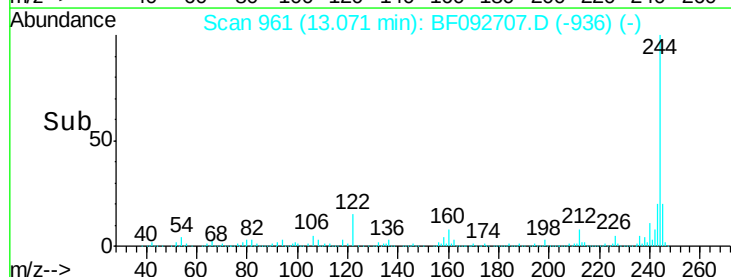
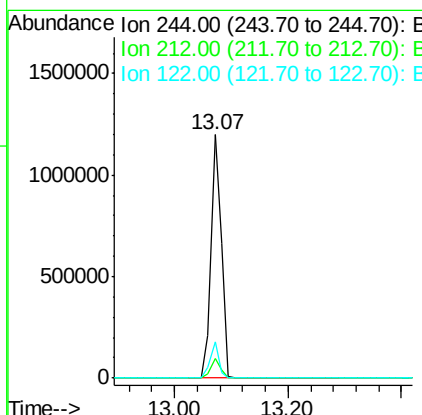
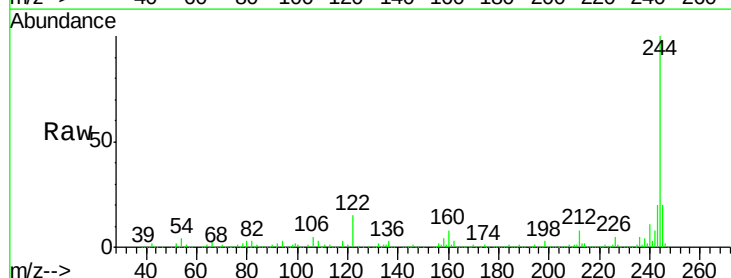
Instrument :
 BNA_F
 ClientSampleId :
 SS-2

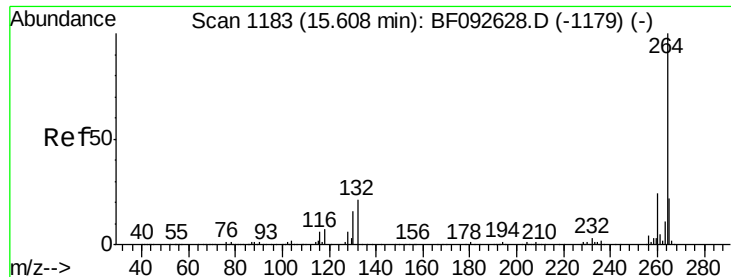
Tot Ion:240 Resp: 457467
 Ion Ratio Lower Upper
 240 100
 120 11.7 12.9 19.3#
 236 26.2 20.9 31.3



#78
 Terphenyl-d14
 Concen: 73.89 ng
 RT: 13.07 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF092707.D
 Acq: 1 Feb 2017 16:36

Tgt Ion:244 Resp: 1438678
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 14.8 11.4 17.2





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF092707.D
Acq: 1 Feb 2017 16:36

Instrument :
BNA_F
ClientSampleId :
SS-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.2	17.4	26.0

