

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
 Data File : BF092731.D
 Acq On : 2 Feb 2017 4:54
 Operator : SJ/MA
 Sample : I1615-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-8

Quant Time: Feb 02 05:33:26 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	143231	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	540539	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	256960	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	343384	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	334107	20.00	ng	-0.02
86) Perylene-d12	15.60	264	307105	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	1160240	138.97	ng	-0.01
7) Phenol-d6	6.59	99	1298779	120.91	ng	-0.01
23) Nitrobenzene-d5	7.52	82	837139	86.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	202325	108.87	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1268666	89.45	ng	-0.01
78) Terphenyl-d14	13.07	244	847864	59.63	ng	-0.01

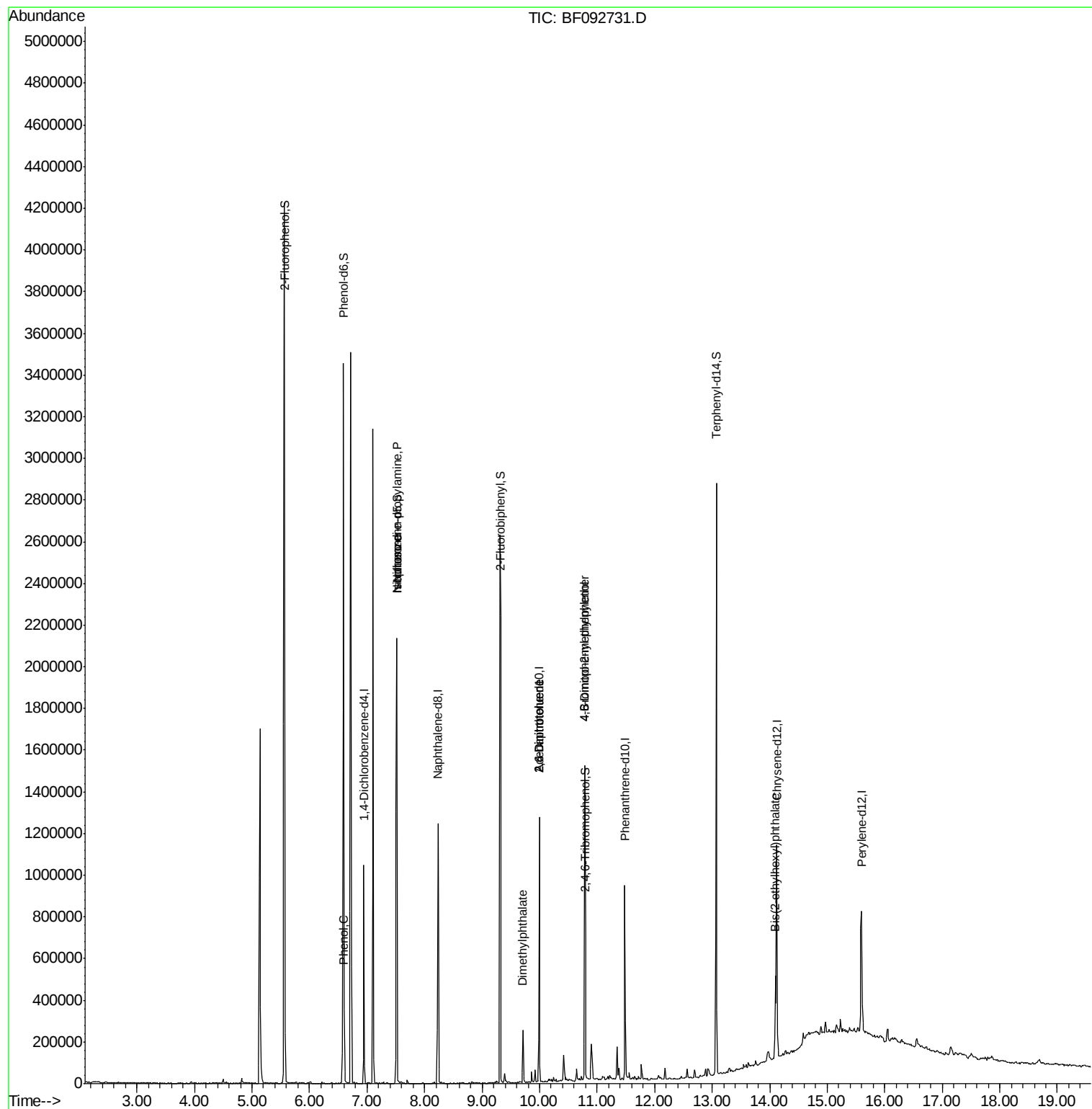
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.60	94	87208	6.94	ng	# 65
19) n-Nitroso-di-n-propylamine	7.52	70	109823	16.06	ng	# 79
25) Isophorone	7.52	82	808808	44.72	ng	# 65
49) Dimethylphthalate	9.71	163	88577	5.12	ng	# 99
50) 2,6-Dinitrotoluene	10.00	165	32692	8.75	ng	# 30
56) 2,4-Dinitrotoluene	10.00	165	32686	6.57	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.78	198	354	2.83	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	13699	3.82	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.10	149	104450	7.52	ng	# 98

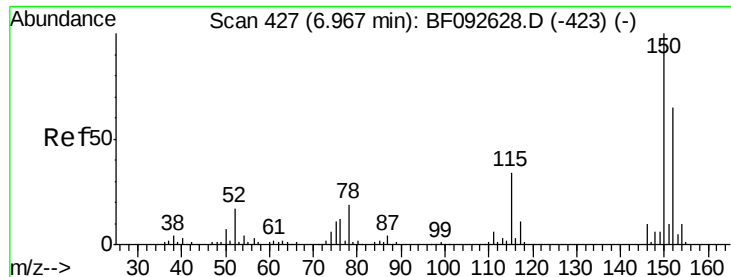
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092731.D

Acq: 2 Feb 2017 4:54

Instrument :

BNA_F

ClientSampleId :

SS-8

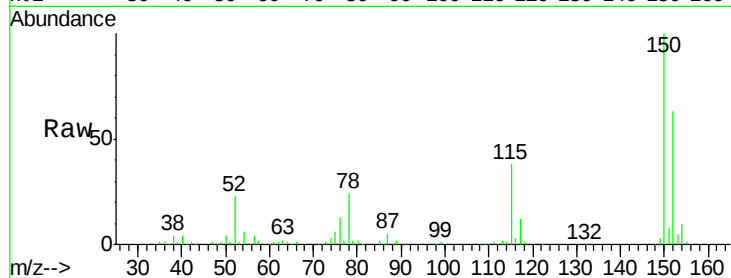
Tgt Ion:152 Resp: 143231

Ion Ratio Lower Upper

152 100

150 158.3 124.9 187.3

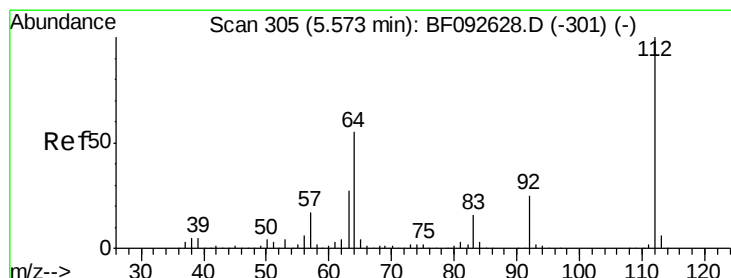
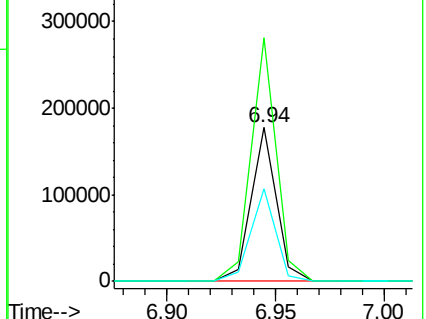
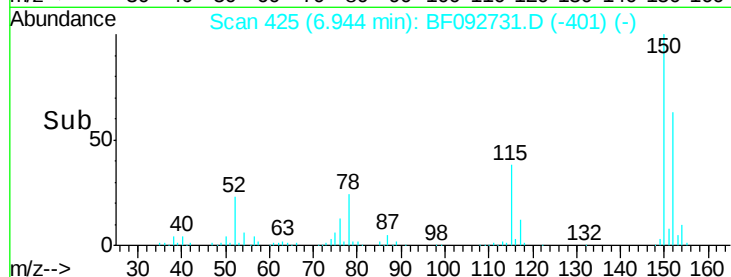
115 60.3 46.0 69.0



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: 138.97 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092731.D

Acq: 2 Feb 2017 4:54

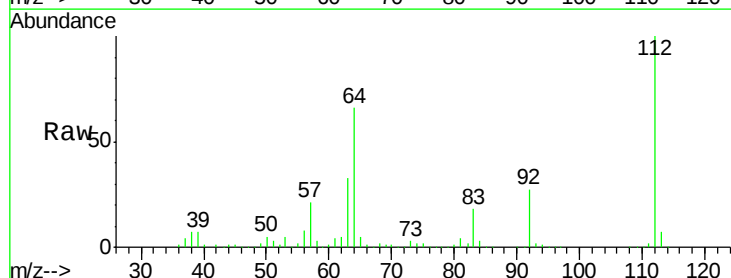
Tgt Ion:112 Resp: 1160240

Ion Ratio Lower Upper

112 100

64 65.9 46.1 69.1

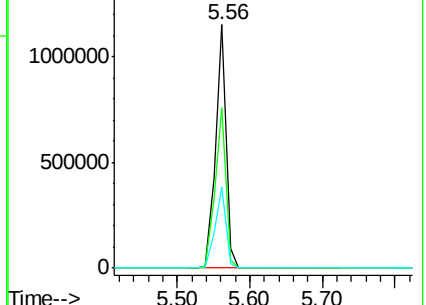
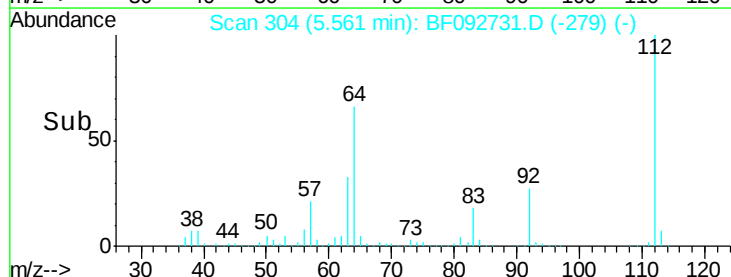
63 33.4 23.8 35.6

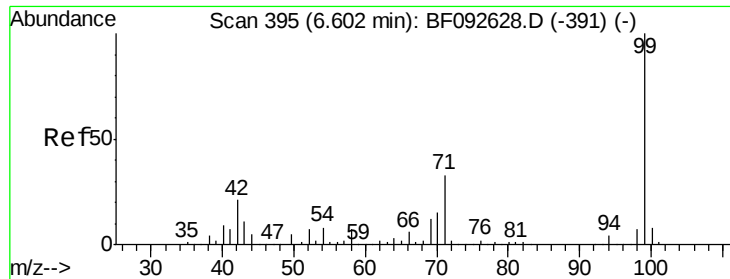


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.91 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092731.D

Acq: 2 Feb 2017 4:54

Instrument :

BNA_F

ClientSampleId :

SS-8

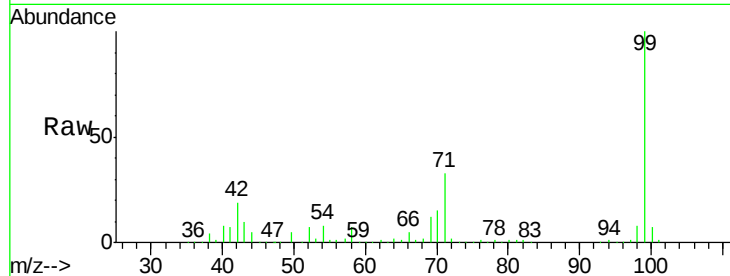
Tgt Ion: 99 Resp: 1298779

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

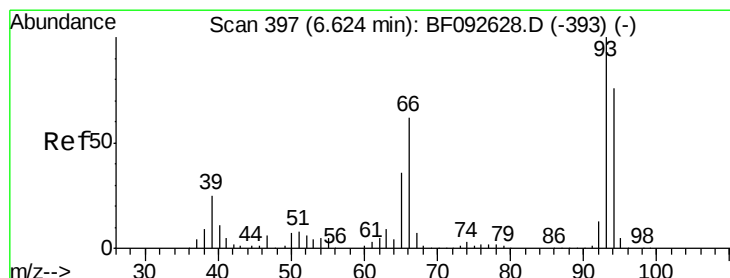
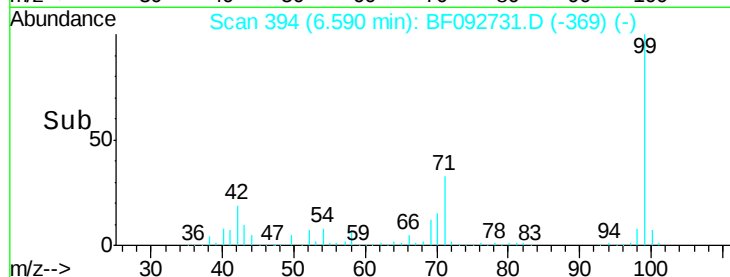
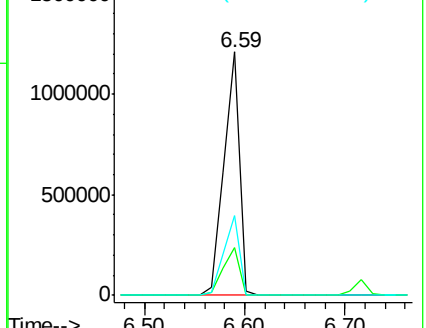
71 32.6 27.5 41.3



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: 6.94 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092731.D

Acq: 2 Feb 2017 4:54

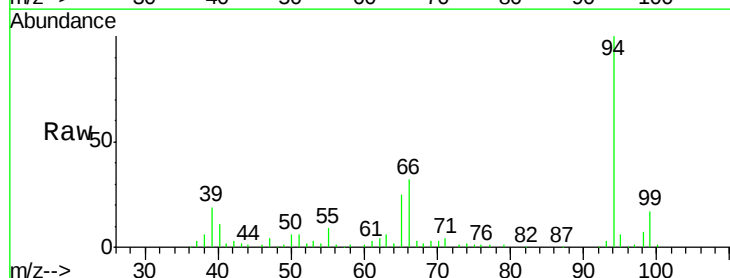
Tgt Ion: 94 Resp: 87208

Ion Ratio Lower Upper

94 100

65 24.8 21.4 61.4

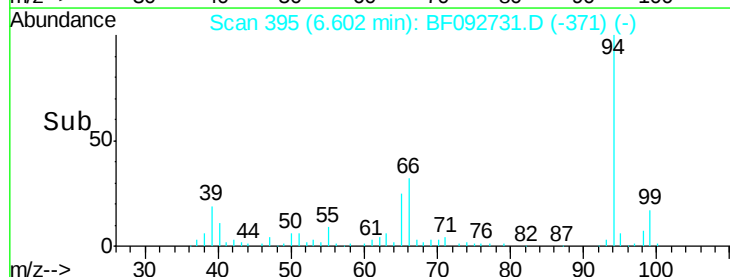
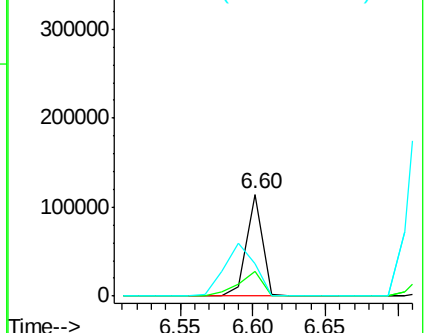
66 32.1 44.0 84.0#

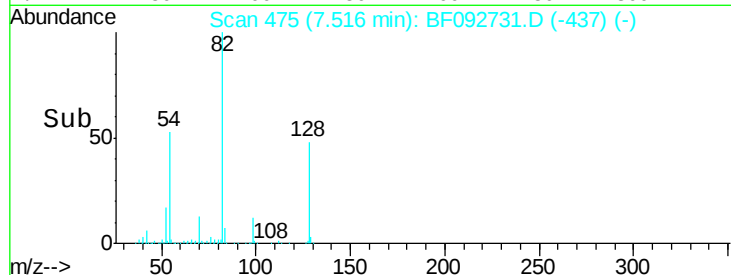
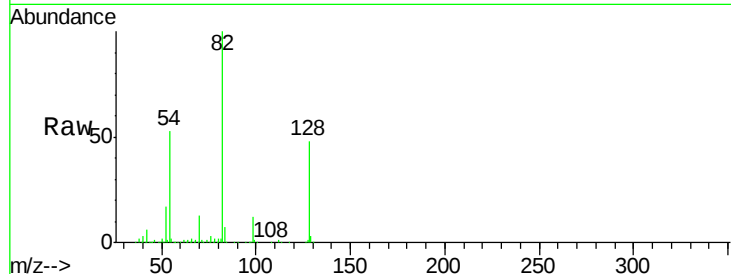
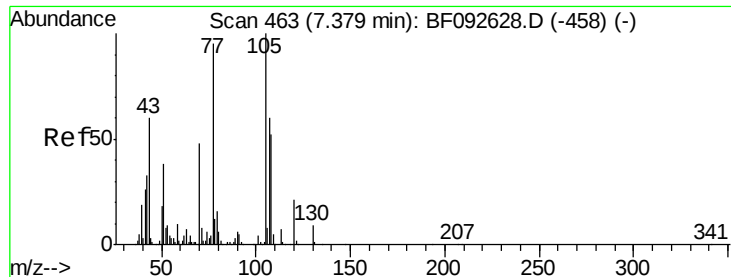


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

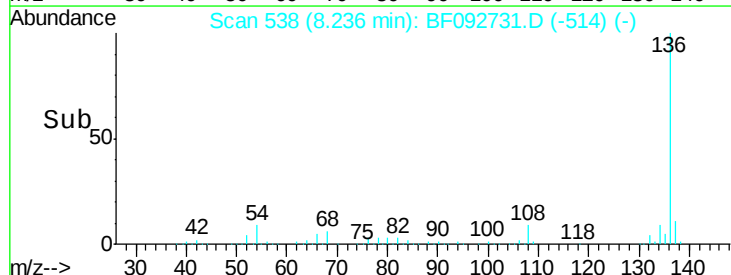
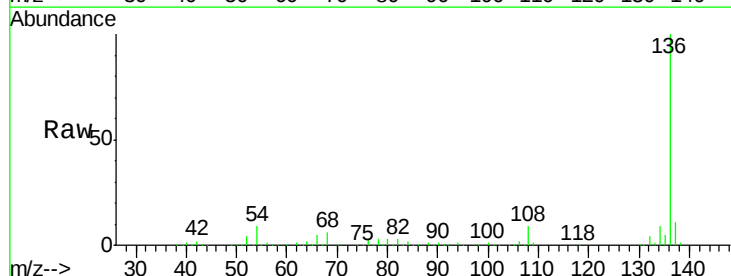
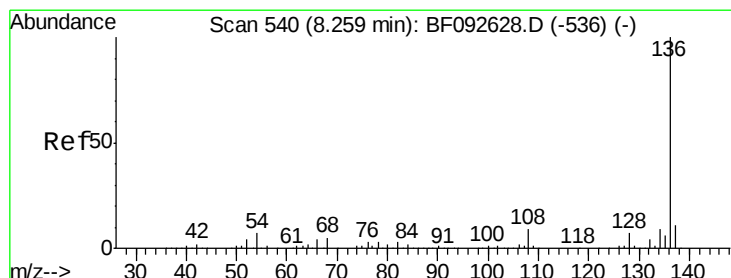
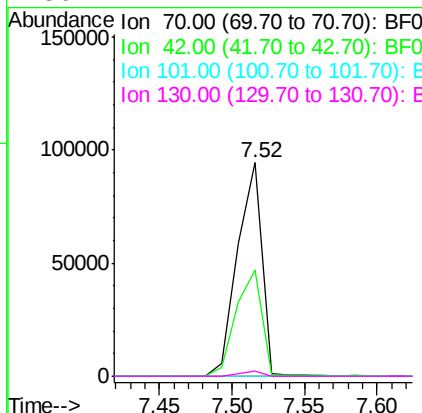




#19
n-Nitroso-di-n-propylamine
Concen: 16.06 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.14 min
Lab File: BF092731.D
Acq: 2 Feb 2017 4:54

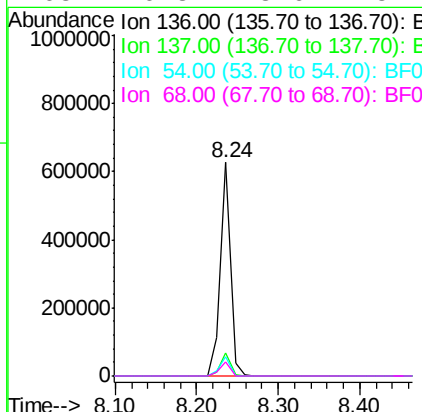
Instrument :
BNA_F
ClientSampleId :
SS-8

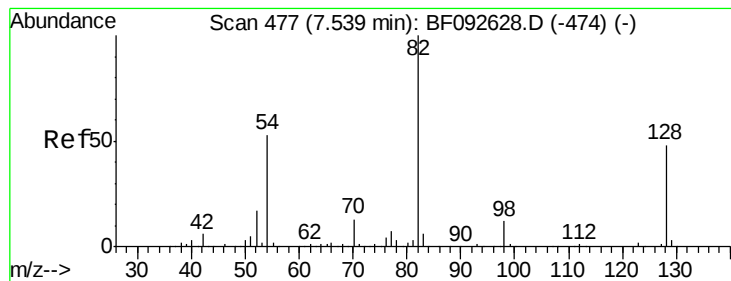
Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.6	49.4	74.0
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092731.D
Acq: 2 Feb 2017 4:54

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	8.9	4.5	6.7#
68	6.3	3.6	5.4#





#23

Nitrobenzene-d5

Concen: 86.24 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF092731.D

Acq: 2 Feb 2017 4:54

Instrument :

BNA_F

ClientSampled :

SS-8

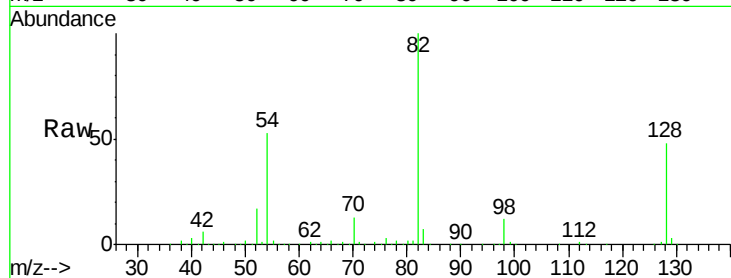
Tgt Ion: 82 Resp: 837139

Ion Ratio Lower Upper

82 100

128 47.9 34.6 52.0

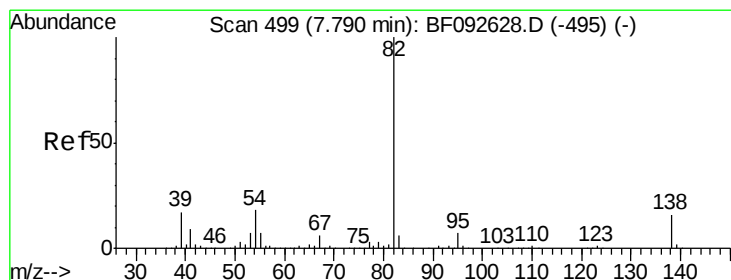
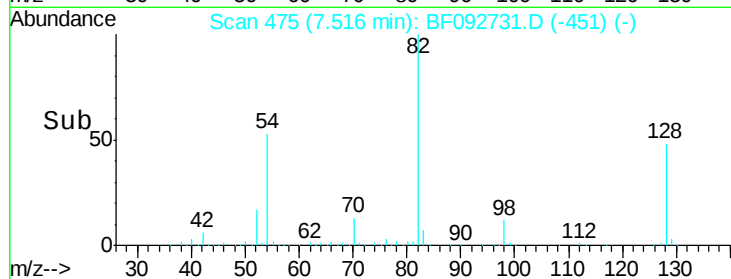
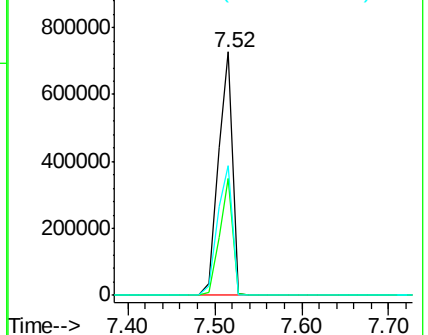
54 53.3 39.5 59.3



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: 44.72 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.27 min

Lab File: BF092731.D

Acq: 2 Feb 2017 4:54

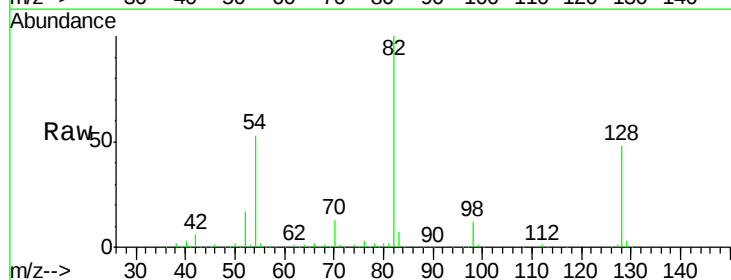
Tgt Ion: 82 Resp: 808808

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

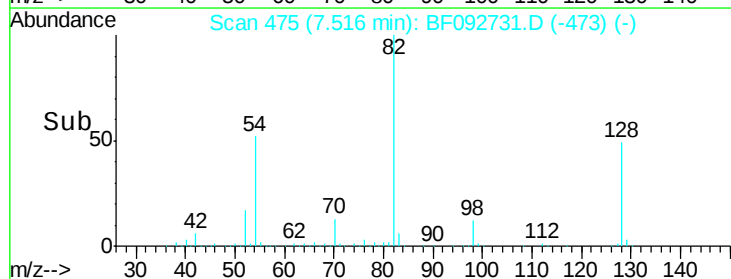
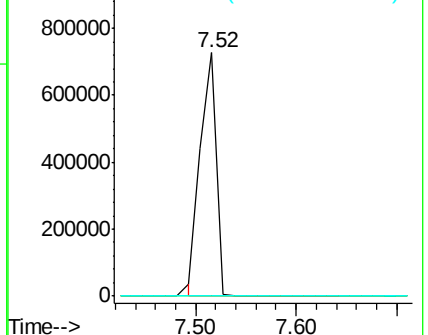
138 0.0 14.6 22.0#

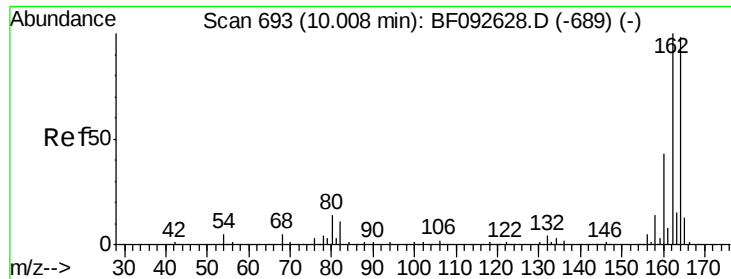


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

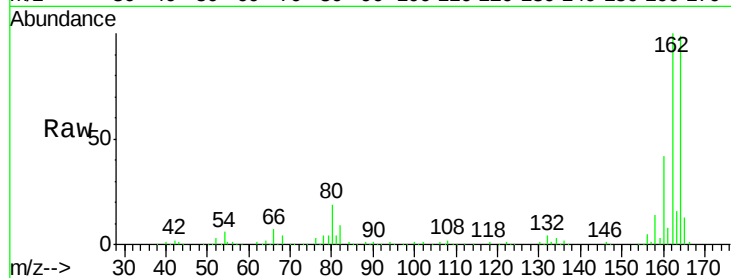




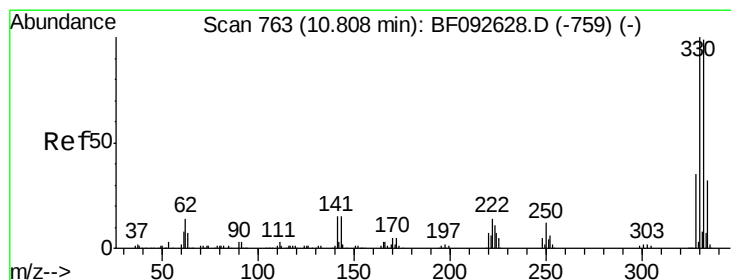
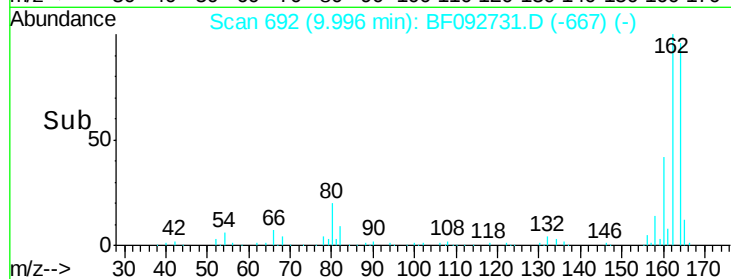
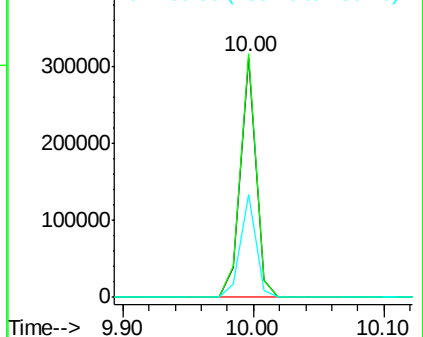
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF092731.D
 Acq: 2 Feb 2017 4:54

Instrument :
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 ClientSampleId :
 SS-8

Tgt Ion:164 Resp: 256960
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.2 120.2
 160 42.8 36.9 55.3

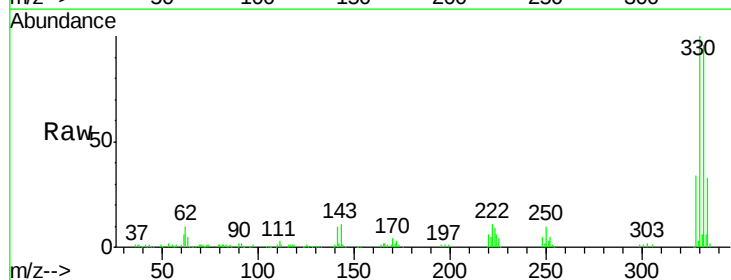


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

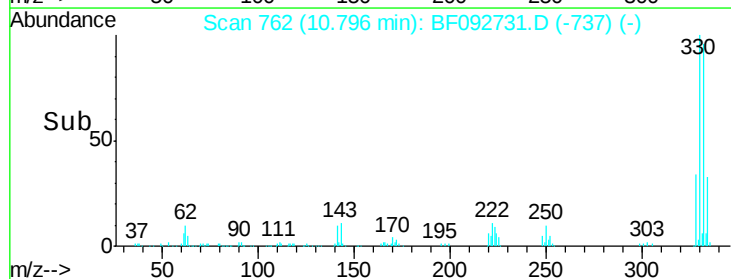
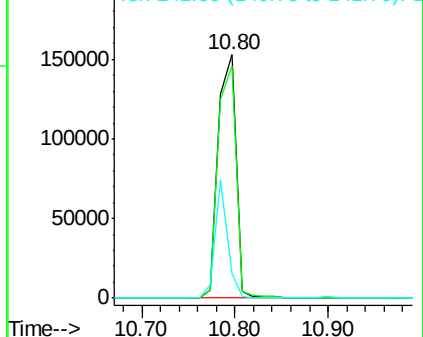


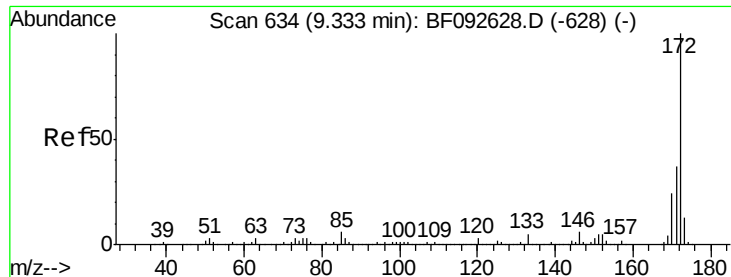
#41
 2,4,6-Tribromophenol
 Concen: 108.87 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092731.D
 Acq: 2 Feb 2017 4:54

Tgt Ion:330 Resp: 202325
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 34.1 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

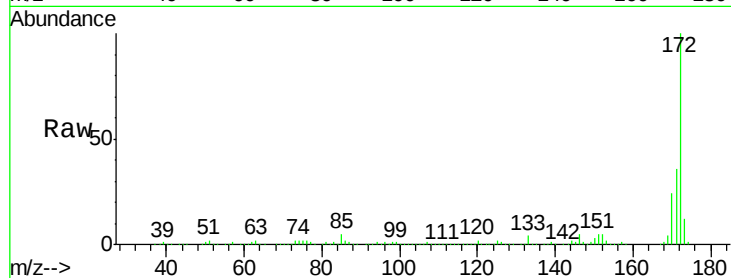




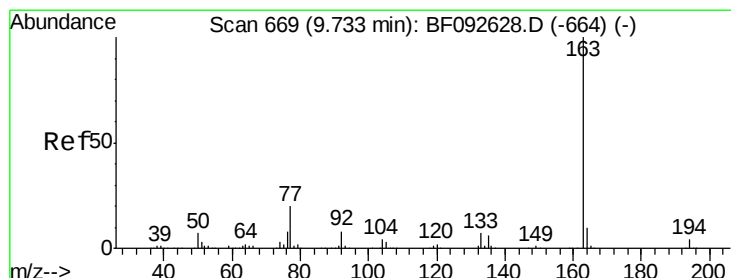
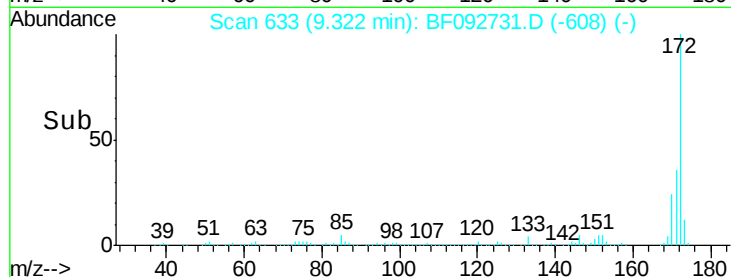
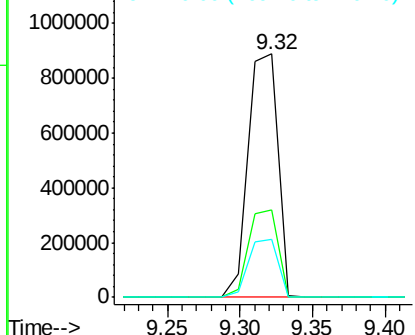
#44
 2-Fluorobiphenyl
 Concen: 89.45 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092731.D
 Acq: 2 Feb 2017 4:54

Instrument :
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Tgt Ion:172 Resp: 1268666
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 23.8 20.2 30.4

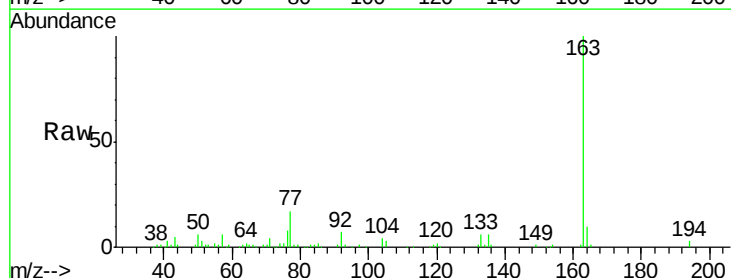


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

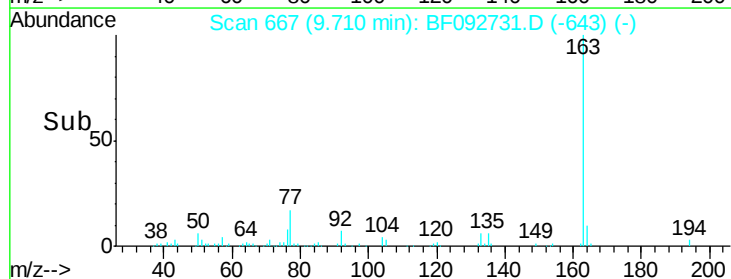
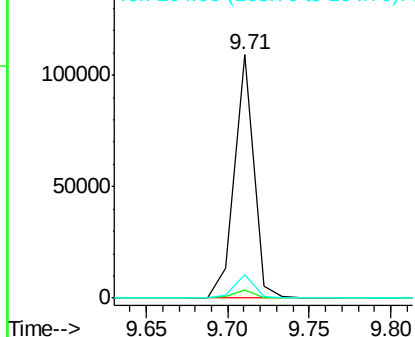


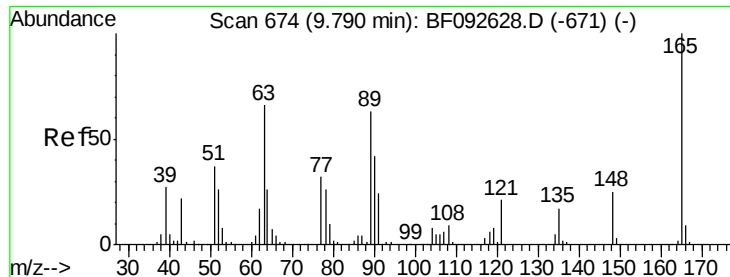
#49
 Dimethylphthalate
 Concen: 5.12 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF092731.D
 Acq: 2 Feb 2017 4:54

Tgt Ion:163 Resp: 88577
 Ion Ratio Lower Upper
 163 100
 194 3.4 3.0 4.4
 164 9.7 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

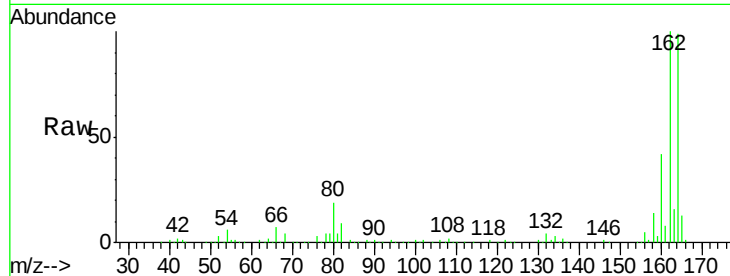




#50
 2,6-Dinitrotoluene
 Concen: 8.75 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.21 min
 Lab File: BF092731.D
 Acq: 2 Feb 2017 4:54

Instrument :
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 ClientSampleId :
 SS-8

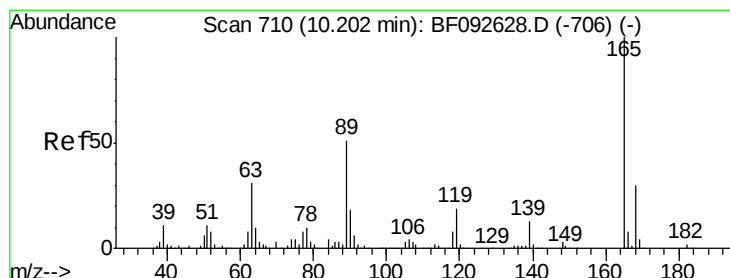
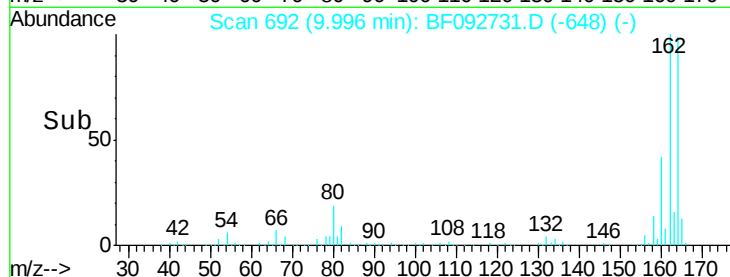
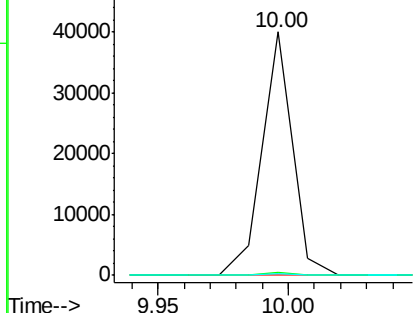
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.2	54.4#
89	0.9	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

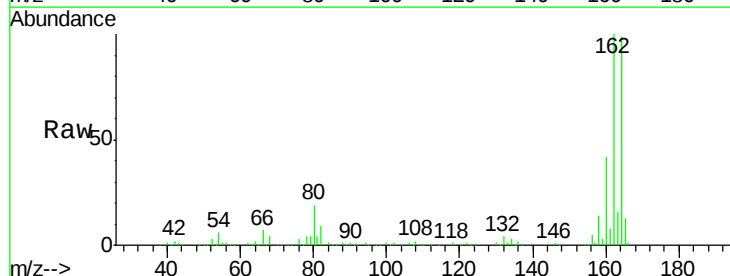
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.57 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.21 min
 Lab File: BF092731.D
 Acq: 2 Feb 2017 4:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#

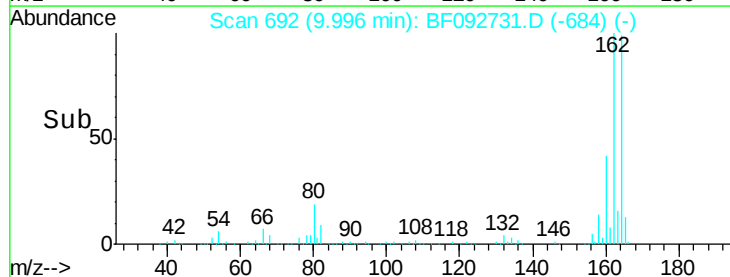
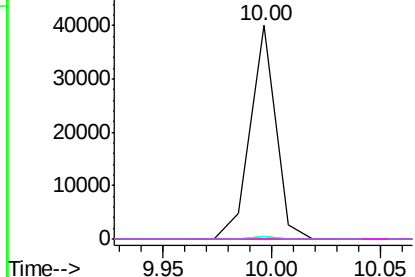


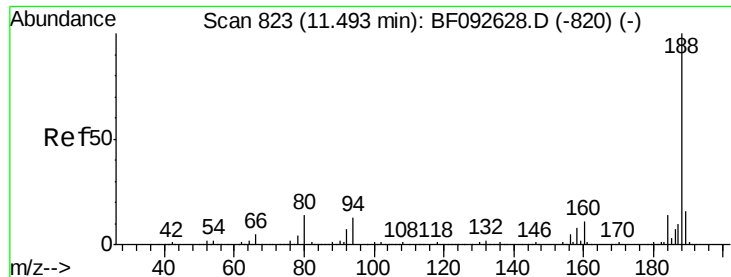
Abundance Ion 165.00 (164.70 to 165.70): E

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

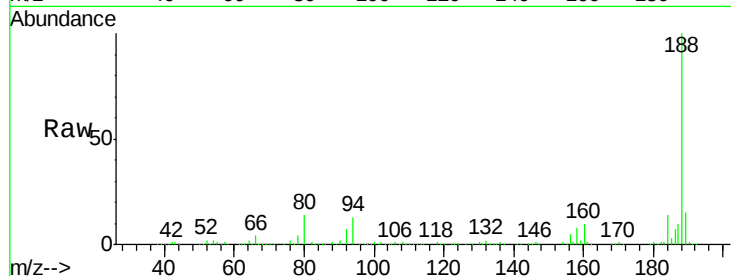




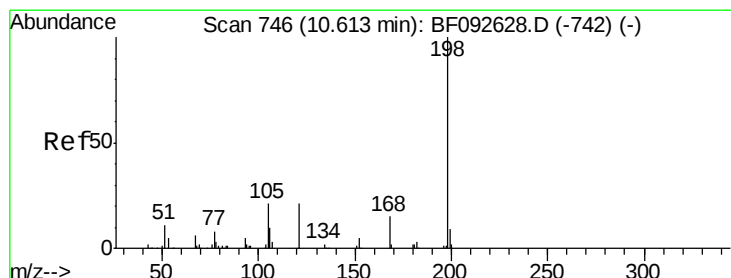
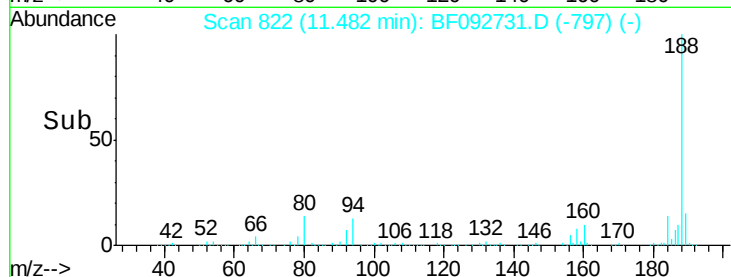
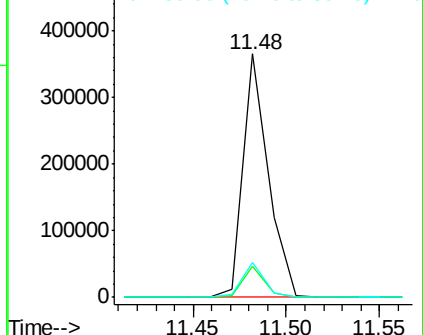
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF092731.D
Acq: 2 Feb 2017 4:54

Instrument :
BNA_F
ClientSampleId :
SS-8

Tgt Ion:188 Resp: 343384
Ion Ratio Lower Upper
188 100
94 12.6 10.0 15.0
80 14.3 11.2 16.8

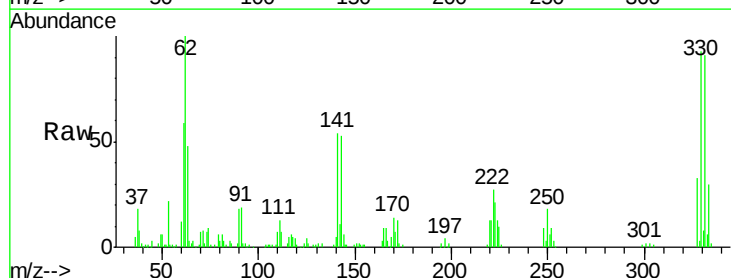


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

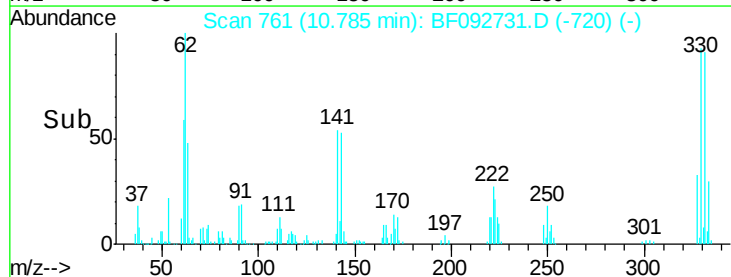
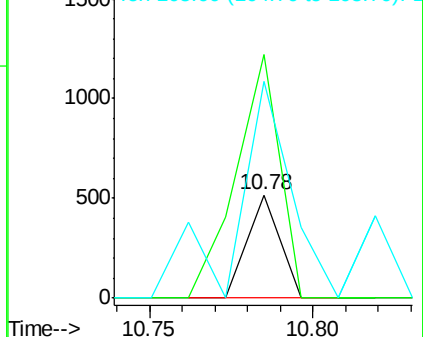


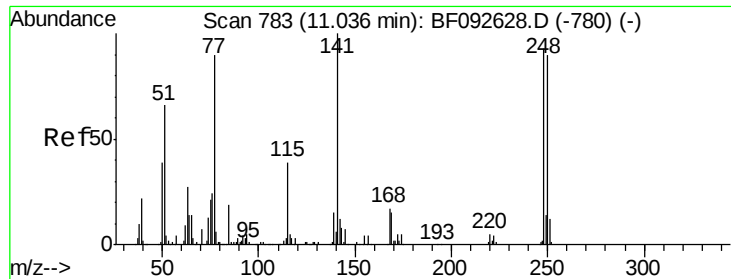
#64
4,6-Dinitro-2-methylphenol
Concen: 2.83 ng
RT: 10.78 min Scan# 761
Delta R.T. 0.17 min
Lab File: BF092731.D
Acq: 2 Feb 2017 4:54

Tgt Ion:198 Resp: 354
Ion Ratio Lower Upper
198 100
51 236.6 6.7 46.7#
105 210.9 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

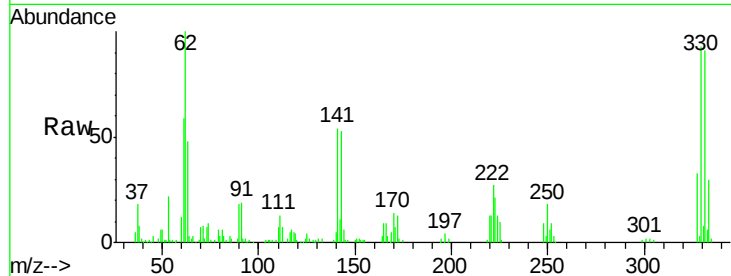




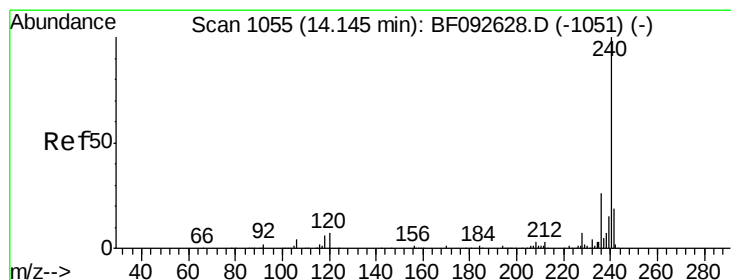
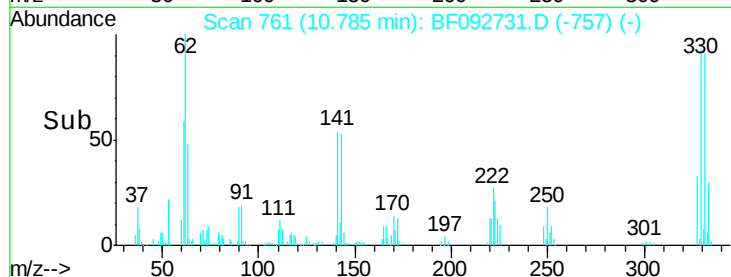
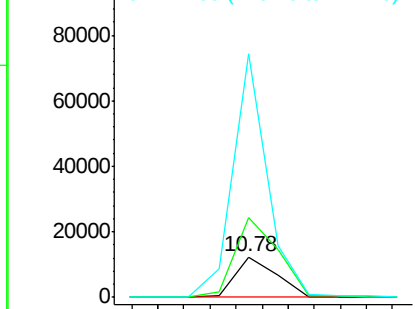
#66
4-Bromophenyl-phenylether
Concen: 3.82 ng
RT: 10.78 min Scan# 761
Delta R.T. -0.25 min
Lab File: BF092731.D
Acq: 2 Feb 2017 4:54

Instrument :
BNA_F
ClientSampled :
SS-8

Tgt Ion:248 Resp: 13699
Ion Ratio Lower Upper
248 100
250 196.7 76.9 115.3#
141 602.4 68.2 102.4#

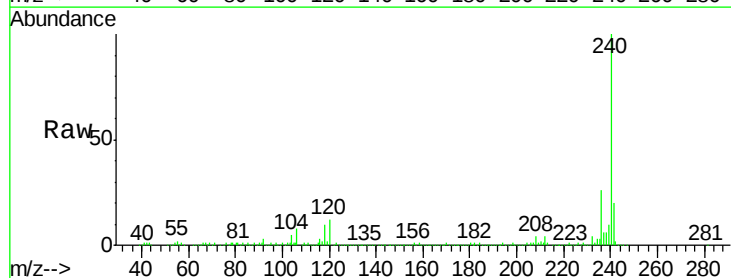


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

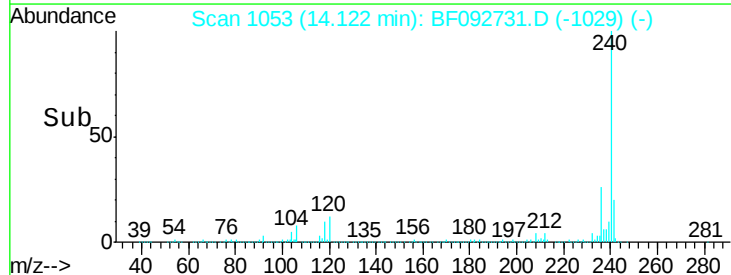
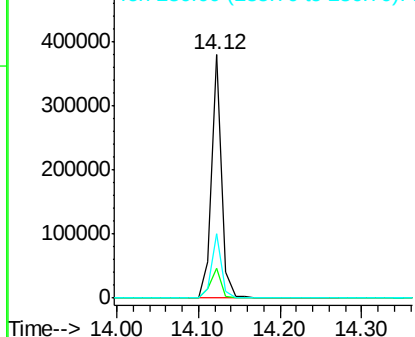


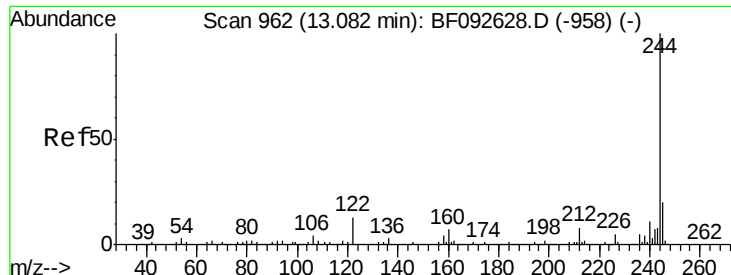
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF092731.D
Acq: 2 Feb 2017 4:54

Tgt Ion:240 Resp: 334107
Ion Ratio Lower Upper
240 100
120 12.3 12.9 19.3#
236 26.4 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

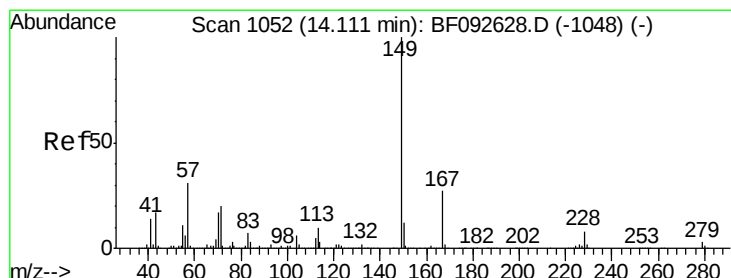
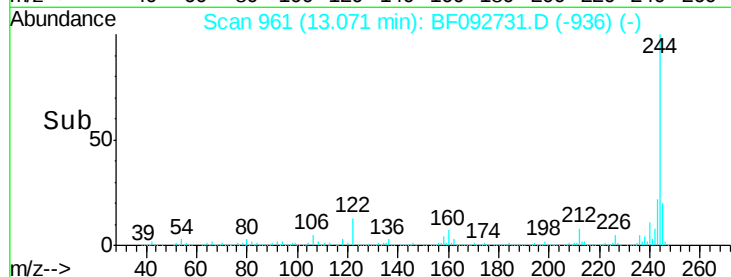
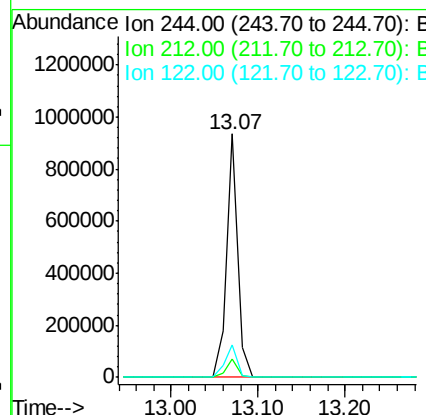
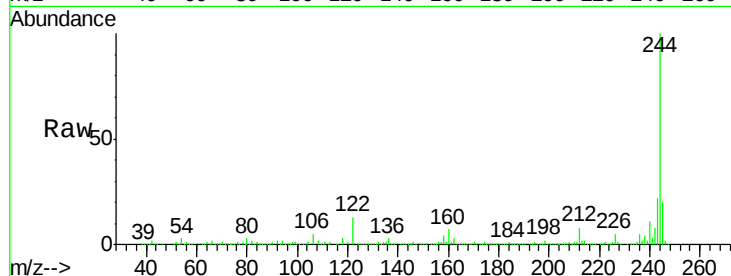




#78
 Terphenyl-d14
 Concen: 59.63 ng
 RT: 13.07 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF092731.D
 Acq: 2 Feb 2017 4:54

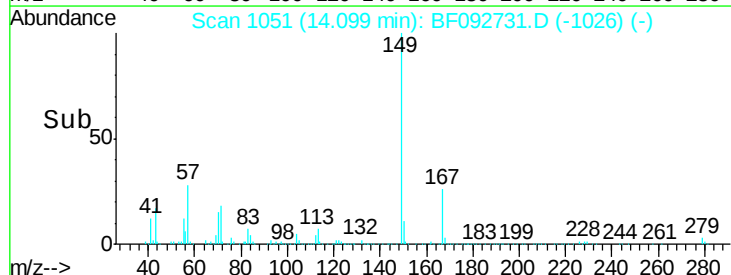
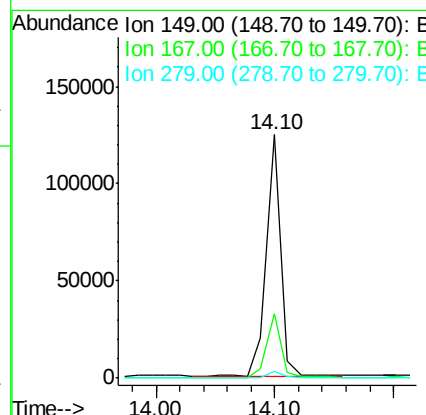
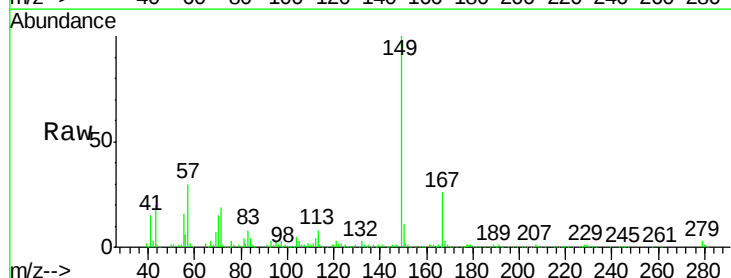
Instrument :
 BNA_F
 ClientSampleId :
 SS-8

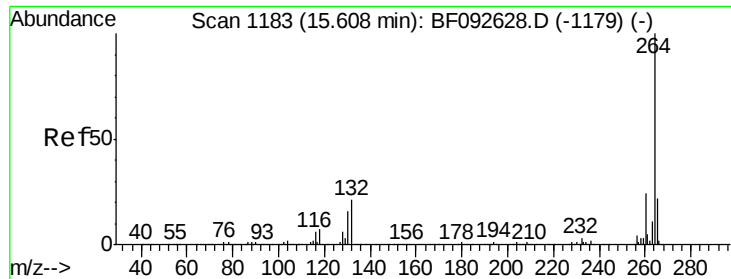
Tgt Ion:244 Resp: 847864
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 13.3 11.4 17.2



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.52 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF092731.D
 Acq: 2 Feb 2017 4:54

Tgt Ion:149 Resp: 104450
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.2 30.4
 279 2.9 1.8 2.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF092731.D
Acq: 2 Feb 2017 4:54

Instrument :
BNA_F
ClientSampleId :
SS-8

Tgt Ion: 264 Resp: 307105
Ion Ratio Lower Upper
264 100
260 24.8 19.2 28.8
265 20.2 17.4 26.0

