

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092909.D
 Acq On : 11 Feb 2017 6:32
 Operator : SJ/MA
 Sample : I1773-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Feb 13 02:53:44 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

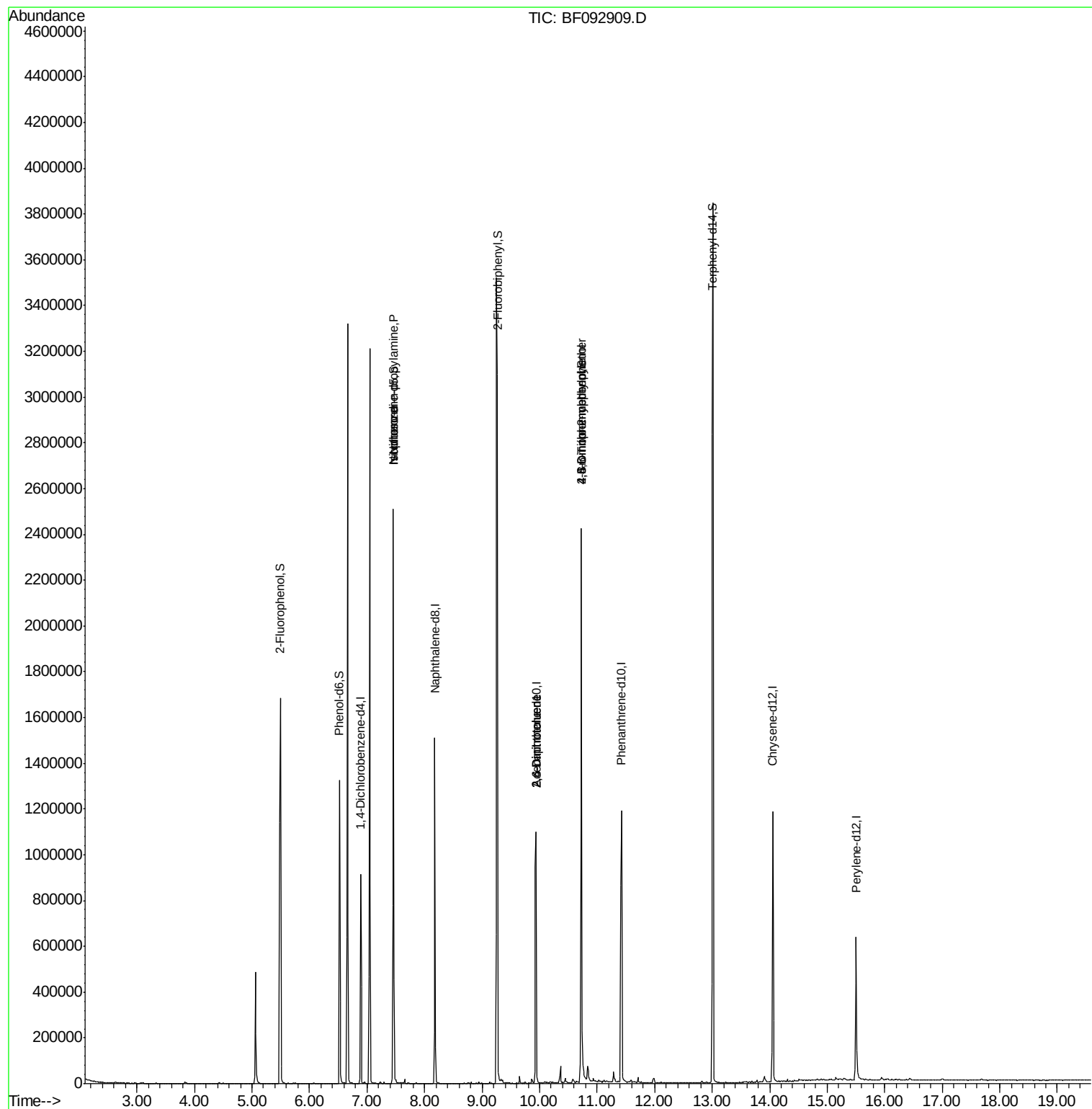
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	153928	20.00	ng	-0.08
21) Naphthalene-d8	8.18	136	649473	20.00	ng	-0.08
38) Acenaphthene-d10	9.94	164	355392	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	597327	20.00	ng	-0.07
75) Chrysene-d12	14.05	240	401229	20.00	ng	-0.09
86) Perylene-d12	15.51	264	320157	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	583317	65.01	ng	-0.08
7) Phenol-d6	6.52	99	424769	36.79	ng	-0.08
23) Nitrobenzene-d5	7.46	82	885108	75.89	ng	-0.08
41) 2,4,6-Tribromophenol	10.73	330	321910	125.24	ng	-0.08
44) 2-Fluorobiphenyl	9.26	172	1795378	91.52	ng	-0.07
78) Terphenyl-d14	13.01	244	1628865	95.39	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	115391	15.70	ng	# 82
25) Isophorone	7.46	82	875476	40.28	ng	# 65
50) 2,6-Dinitrotoluene	9.94	165	44977	8.70	ng	# 30
56) 2,4-Dinitrotoluene	9.94	165	44980	6.54	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.73	198	860	2.89	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	24311	3.90	ng	# 1

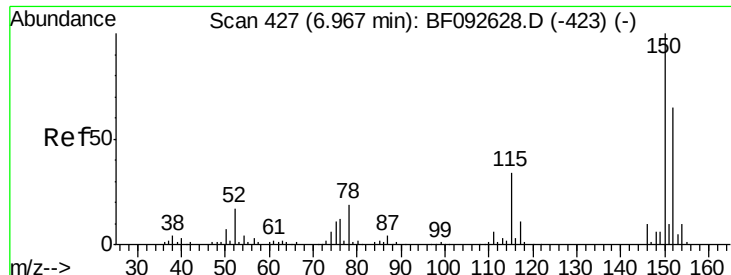
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 30 14:50:05 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.08 min

Lab File: BF092909.D

Acq: 11 Feb 2017 6:32

Instrument :

BNA_F

ClientSampleId :

DSN001

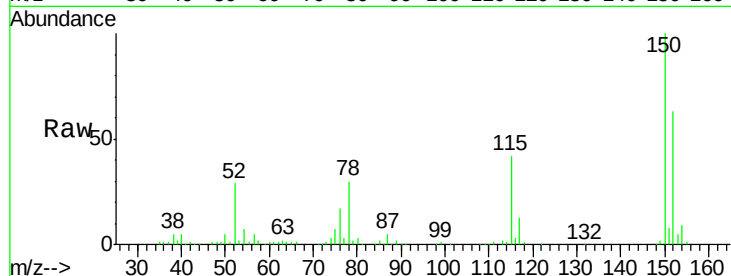
Tgt Ion:152 Resp: 153928

Ion Ratio Lower Upper

152 100

150 159.2 124.9 187.3

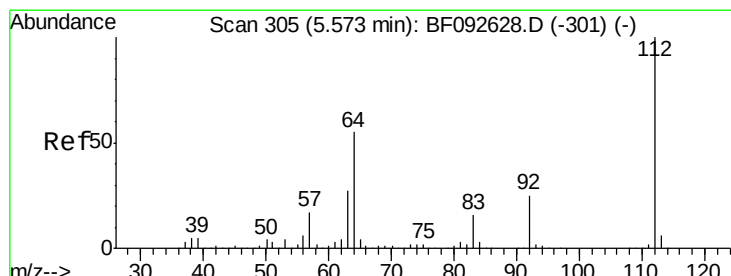
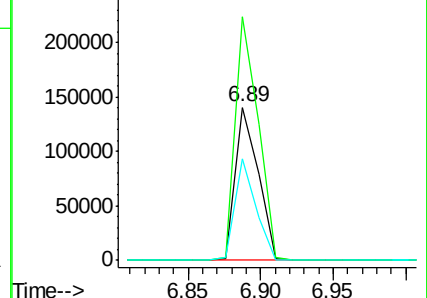
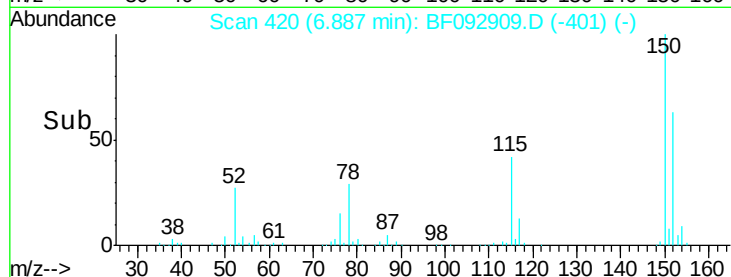
115 66.5 46.0 69.0



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: 65.01 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.08 min

Lab File: BF092909.D

Acq: 11 Feb 2017 6:32

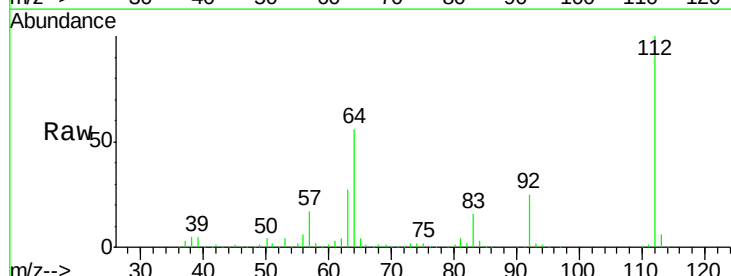
Tgt Ion:112 Resp: 583317

Ion Ratio Lower Upper

112 100

64 56.0 46.1 69.1

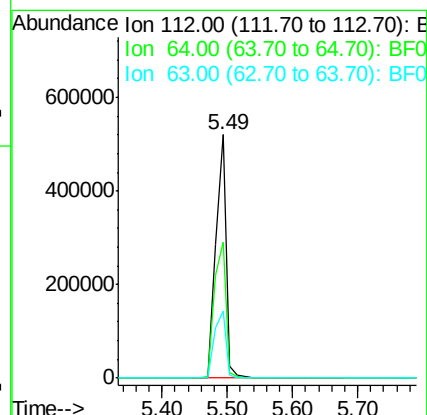
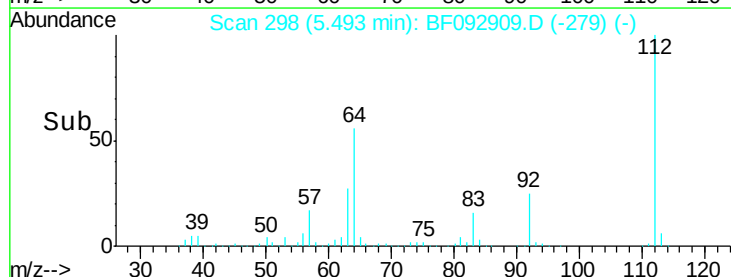
63 27.4 23.8 35.6

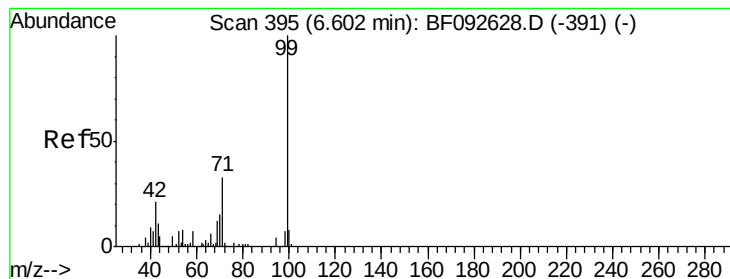


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.79 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.08 min

Lab File: BF092909.D

Acq: 11 Feb 2017 6:32

Instrument :

BNA_F

ClientSampleId :

DSN001

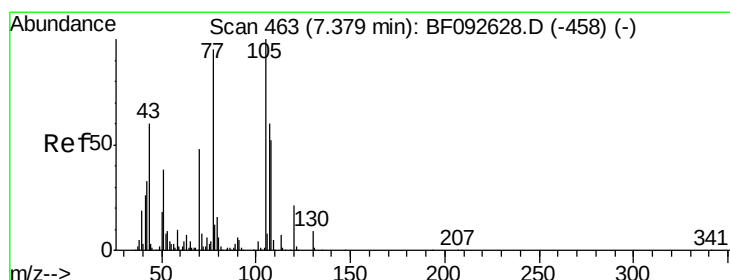
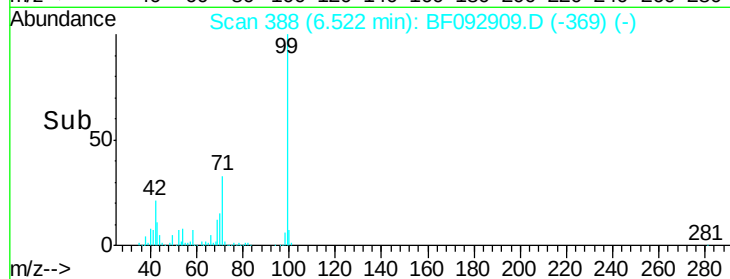
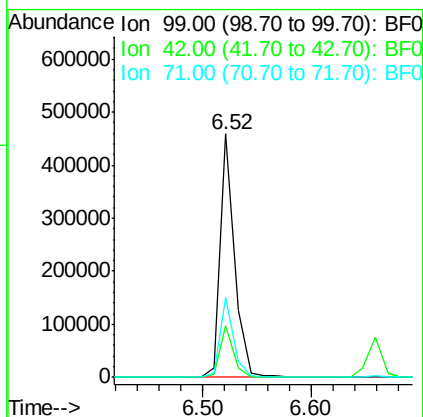
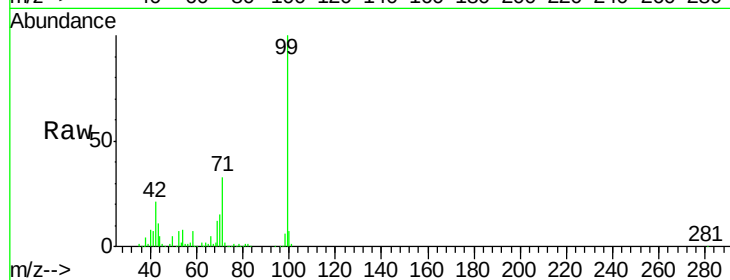
Tgt Ion: 99 Resp: 424769

Ion Ratio Lower Upper

99 100

42 21.1 15.6 23.4

71 32.9 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.70 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.08 min

Lab File: BF092909.D

Acq: 11 Feb 2017 6:32

Tgt Ion: 70 Resp: 115391

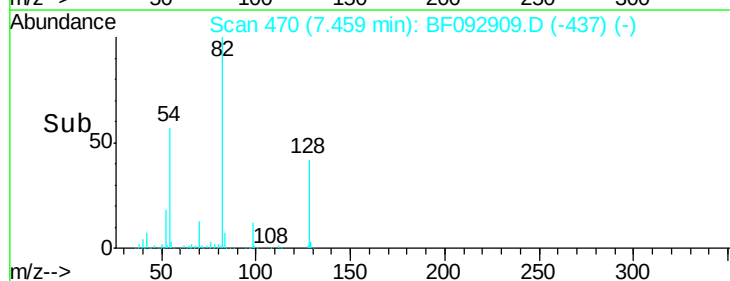
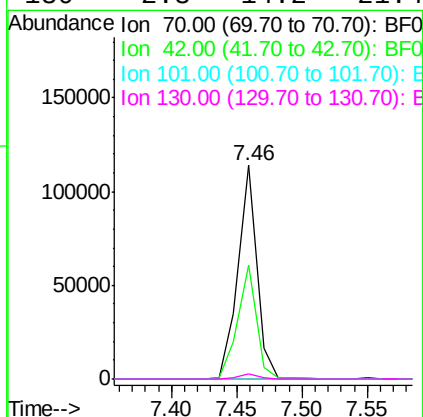
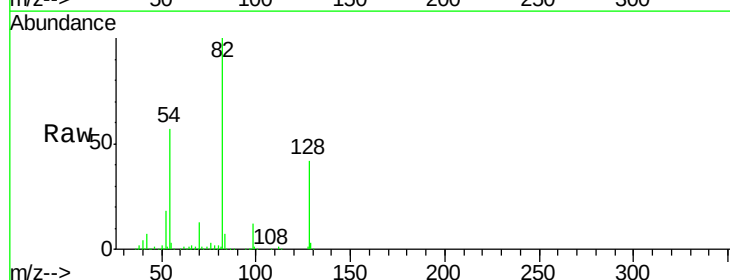
Ion Ratio Lower Upper

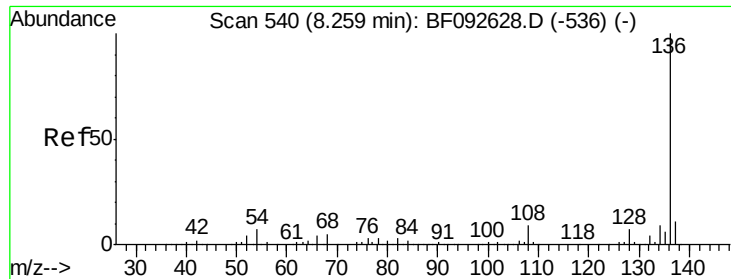
70 100

42 53.1 49.4 74.0

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#

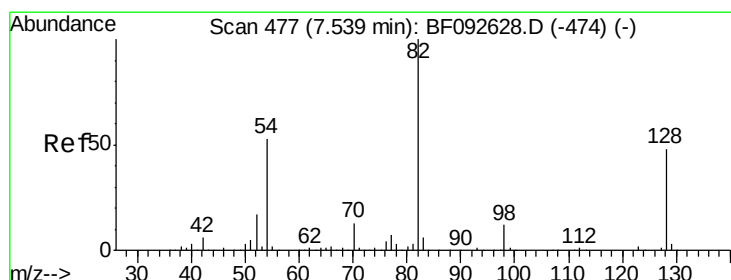
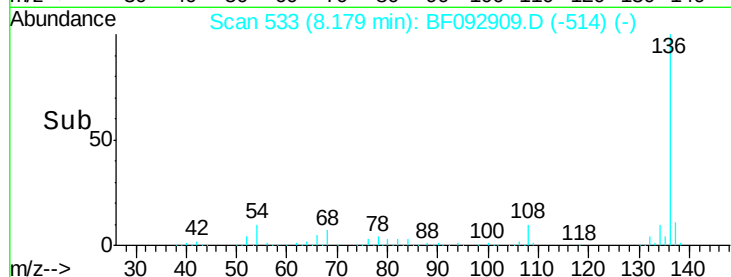
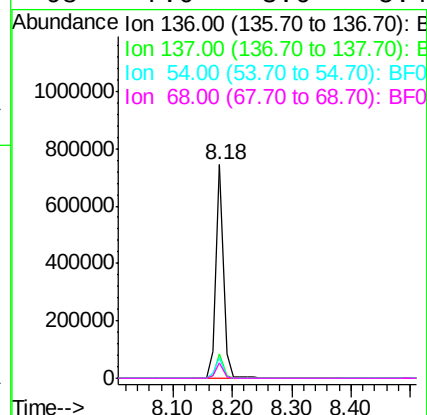
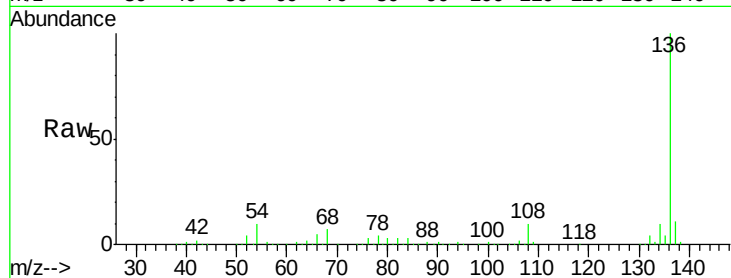




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF092909.D
Acq: 11 Feb 2017 6:32

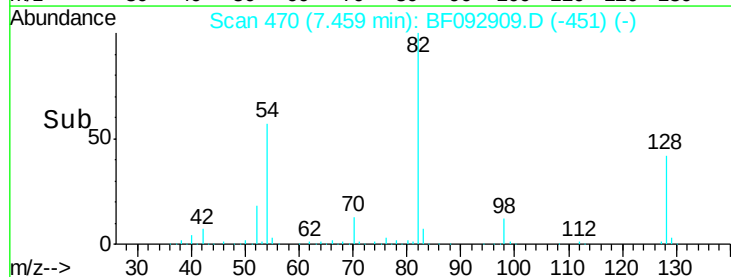
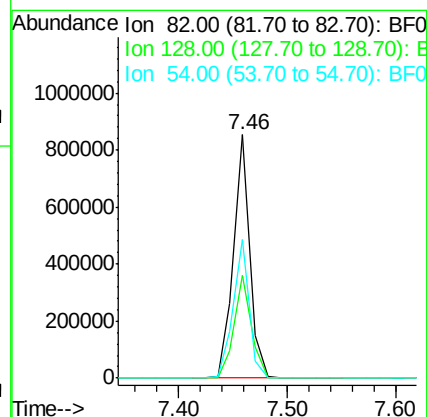
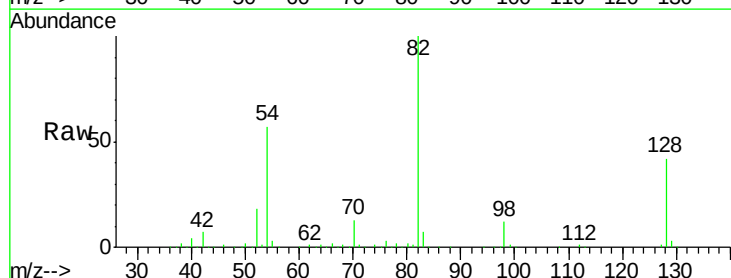
Instrument :
BNA_F
ClientSampleId :
DSN001

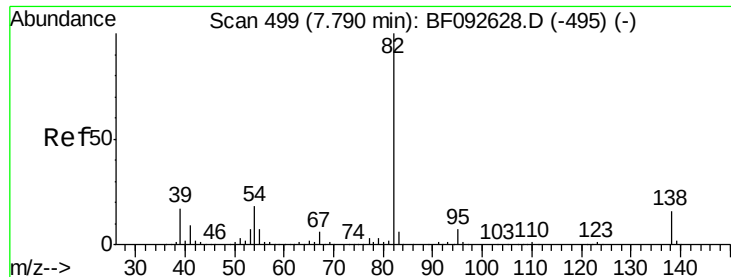
Tgt Ion:	136	Resp:	649473
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.9	4.5	6.7#
68	7.0	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 75.89 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.08 min
Lab File: BF092909.D
Acq: 11 Feb 2017 6:32

Tgt Ion:	82	Resp:	885108
Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	52.0
54	57.2	39.5	59.3





#25

Isophorone

Concen: 40.28 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.33 min

Lab File: BF092909.D

Acq: 11 Feb 2017 6:32

Instrument :

BNA_F

ClientSampled :

DSN001

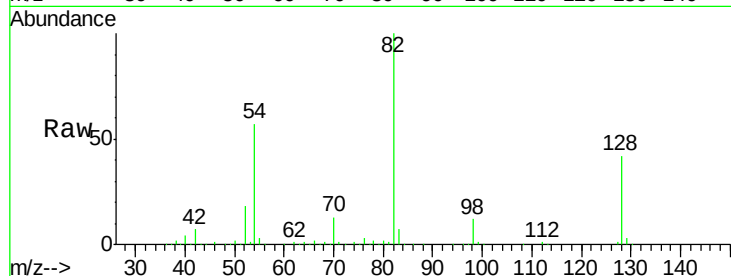
Tgt Ion: 82 Resp: 875476

Ion Ratio Lower Upper

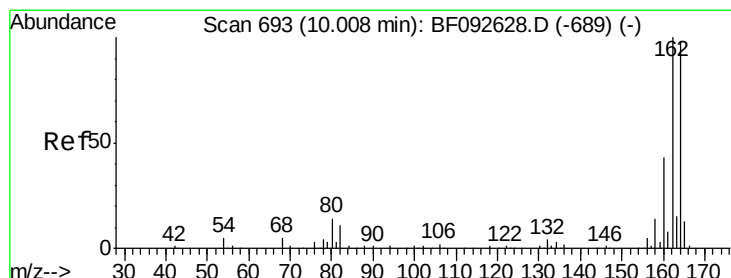
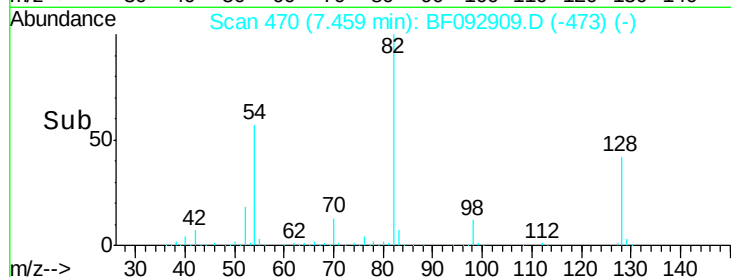
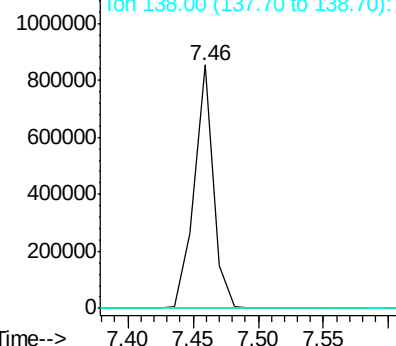
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.07 min

Lab File: BF092909.D

Acq: 11 Feb 2017 6:32

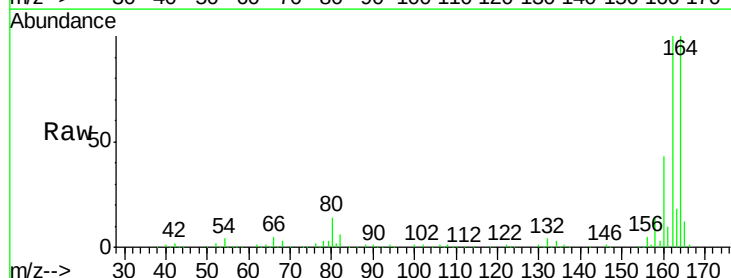
Tgt Ion: 164 Resp: 355392

Ion Ratio Lower Upper

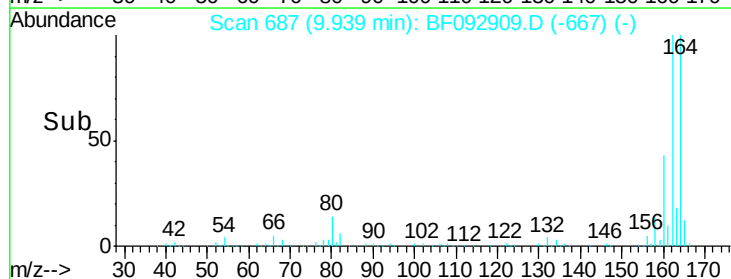
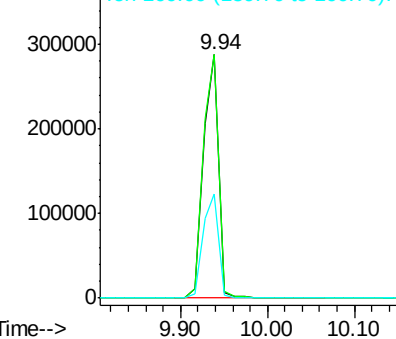
164 100

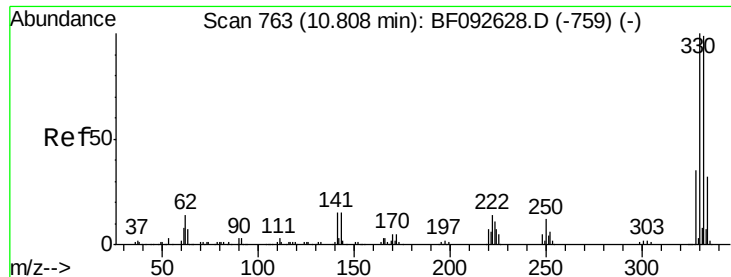
162 100.0 80.2 120.2

160 42.7 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

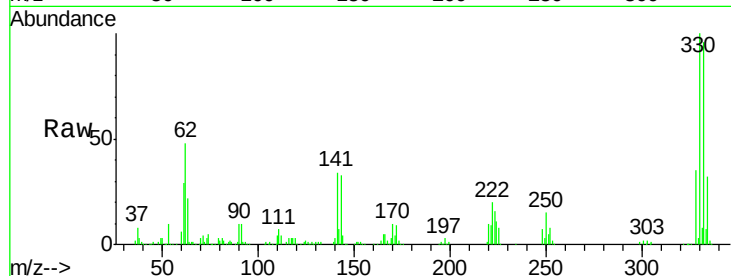




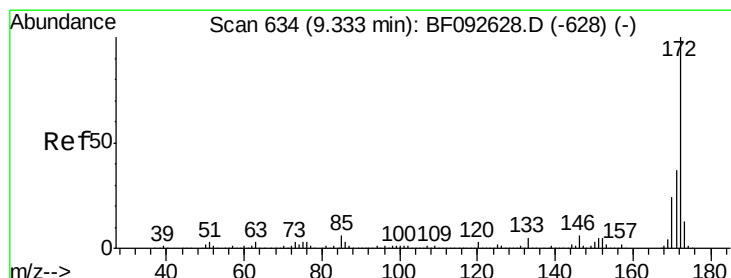
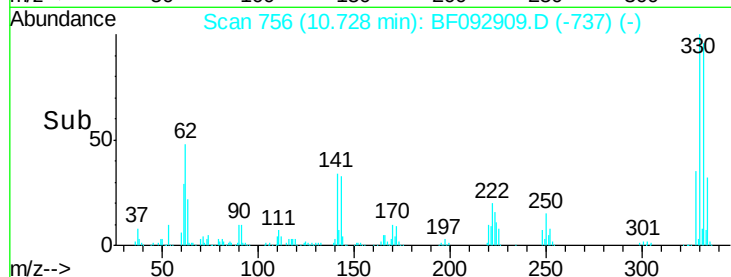
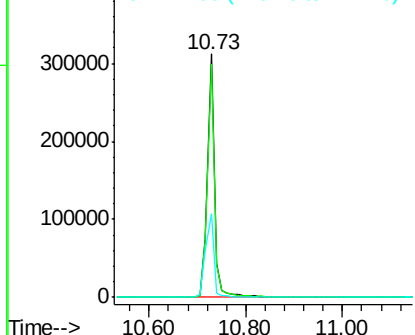
#41
 2,4,6-Tribromophenol
 Concen: 125.24 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.08 min
 Lab File: BF092909.D
 Acq: 11 Feb 2017 6:32

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tgt Ion:330 Resp: 321910
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 40.3 34.1 51.1

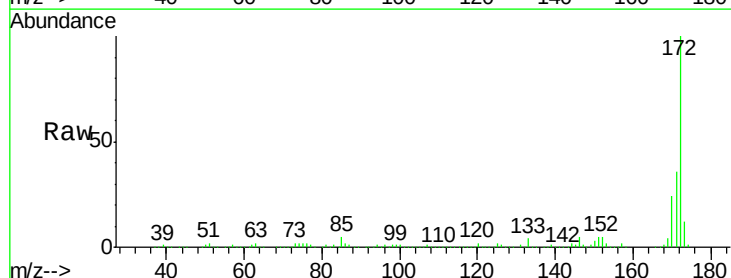


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

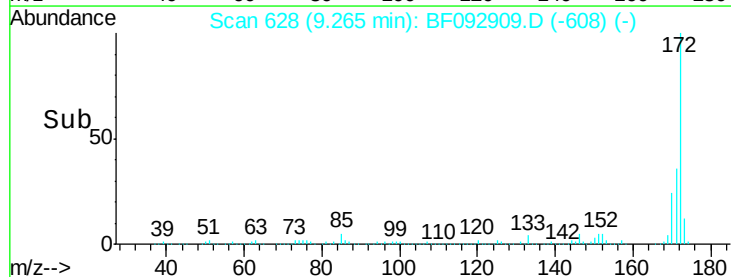
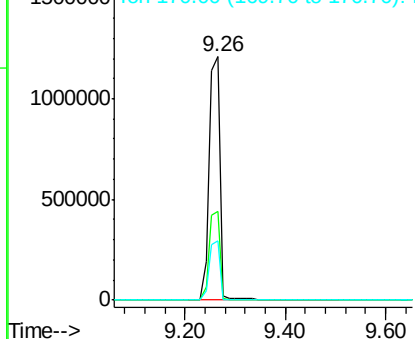


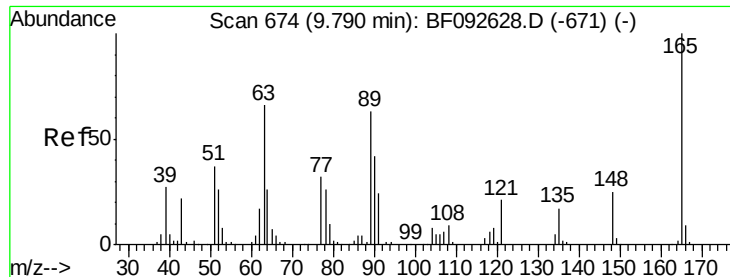
#44
 2-Fluorobiphenyl
 Concen: 91.52 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092909.D
 Acq: 11 Feb 2017 6:32

Tgt Ion:172 Resp: 1795378
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.2 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

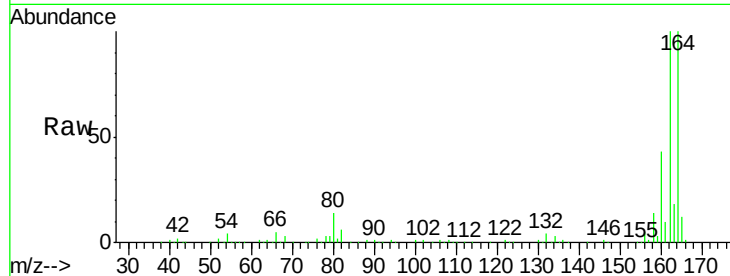




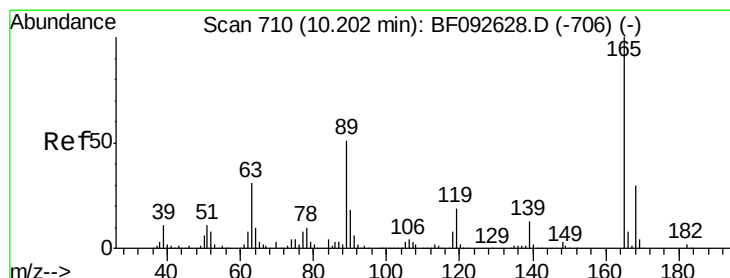
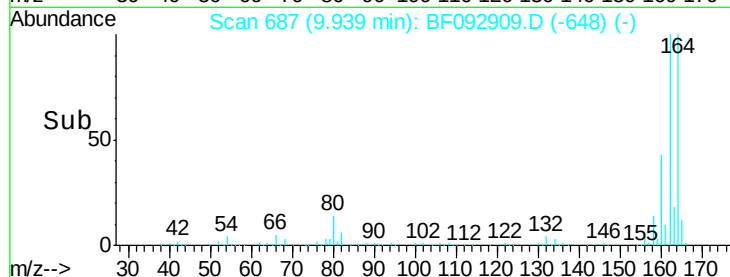
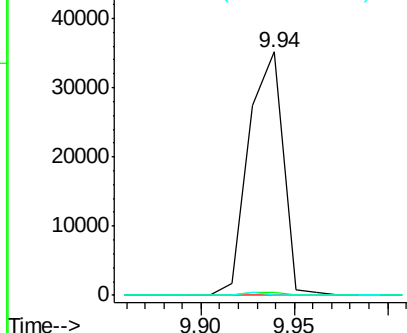
#50
 2,6-Dinitrotoluene
 Concen: 8.70 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.15 min
 Lab File: BF092909.D
 Acq: 11 Feb 2017 6:32

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tgt Ion:165 Resp: 44977
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.2 54.4#
 89 0.0 40.2 60.4#

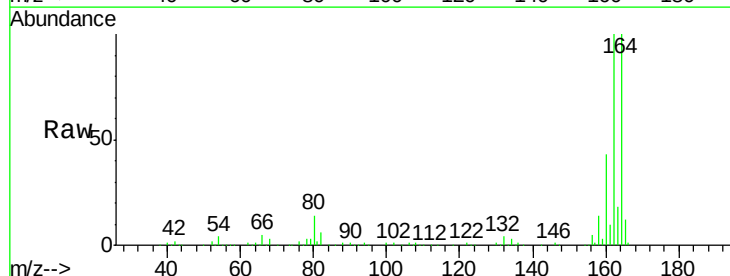


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

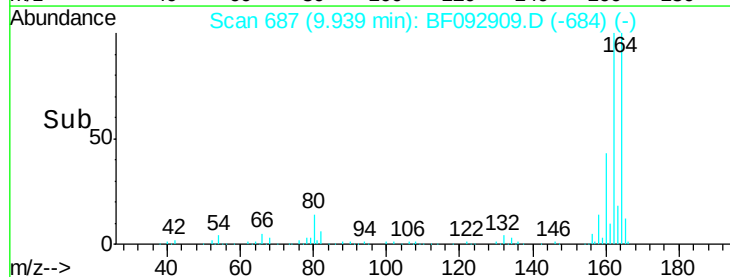
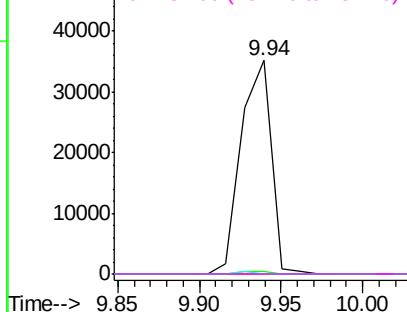


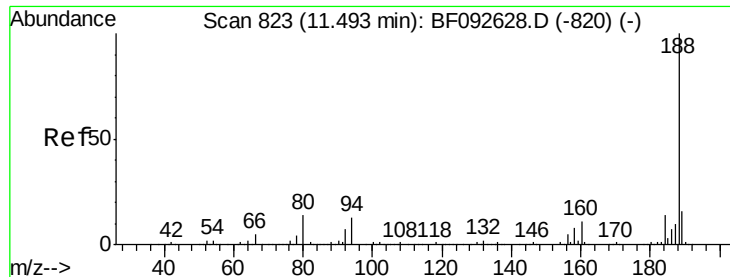
#56
 2,4-Dinitrotoluene
 Concen: 6.54 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.26 min
 Lab File: BF092909.D
 Acq: 11 Feb 2017 6:32

Tgt Ion:165 Resp: 44980
 Ion Ratio Lower Upper
 165 100
 63 1.0 40.2 60.4#
 89 0.0 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

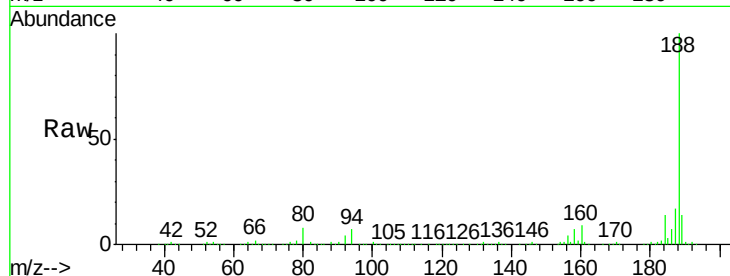




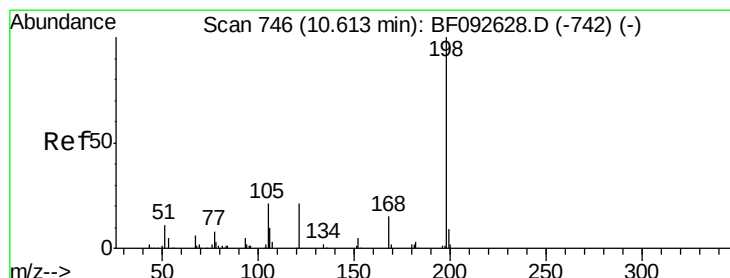
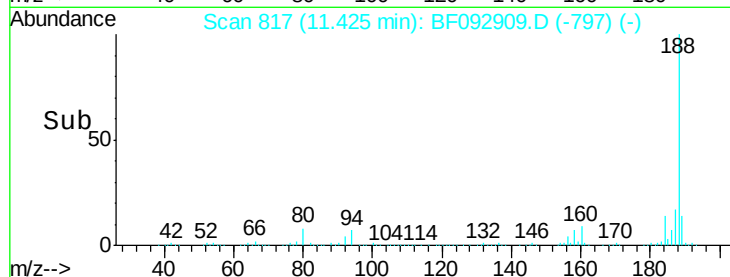
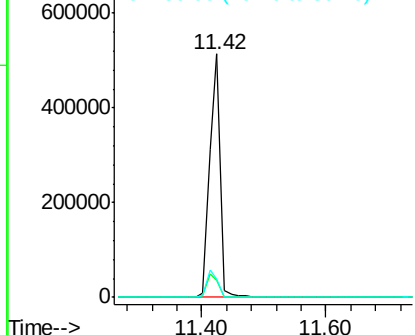
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.07 min
Lab File: BF092909.D
Acq: 11 Feb 2017 6:32

Instrument :
BNA_F
ClientSampleId :
DSN001

Tgt Ion:188 Resp: 597327
Ion Ratio Lower Upper
188 100
94 7.1 10.0 15.0#
80 7.5 11.2 16.8#

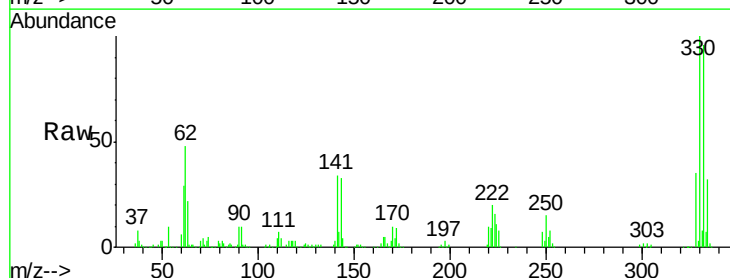


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

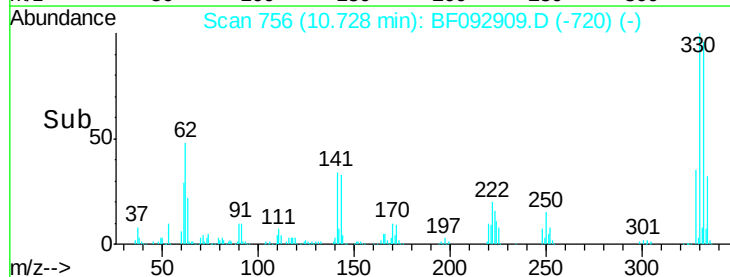
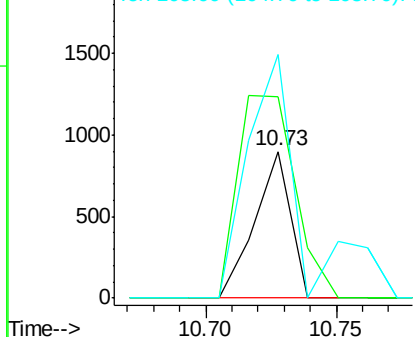


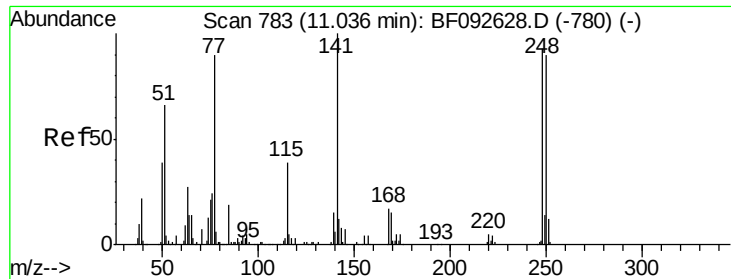
#64
4,6-Dinitro-2-methylphenol
Concen: 2.89 ng
RT: 10.73 min Scan# 756
Delta R.T. 0.11 min
Lab File: BF092909.D
Acq: 11 Feb 2017 6:32

Tgt Ion:198 Resp: 860
Ion Ratio Lower Upper
198 100
51 136.8 6.7 46.7#
105 165.9 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

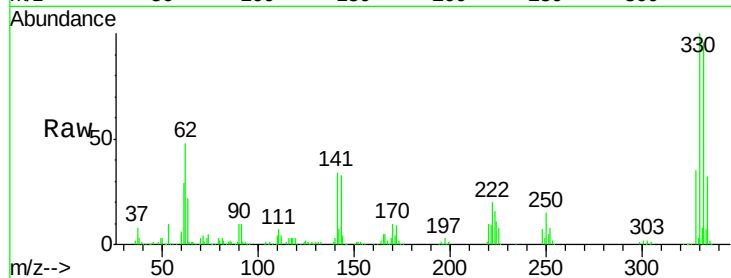




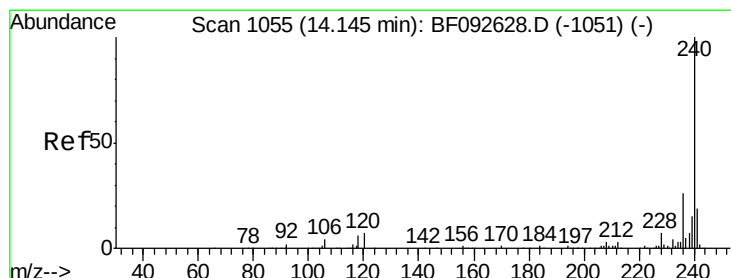
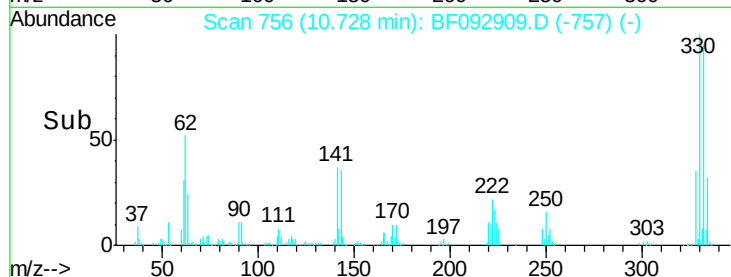
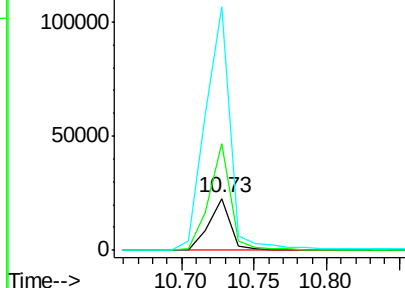
#66
 4-Bromophenyl-phenylether
 Concen: 3.90 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.31 min
 Lab File: BF092909.D
 Acq: 11 Feb 2017 6:32

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tgt Ion:248 Resp: 24311
 Ion Ratio Lower Upper
 248 100
 250 205.8 76.9 115.3#
 141 467.2 68.2 102.4#

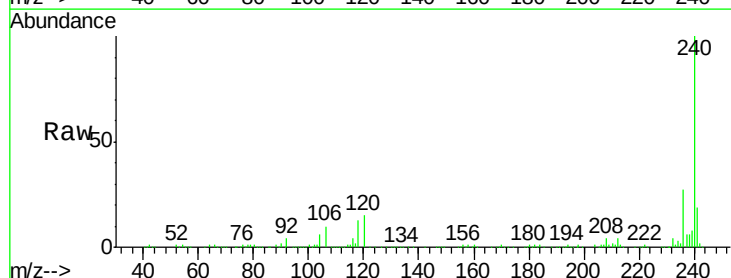


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

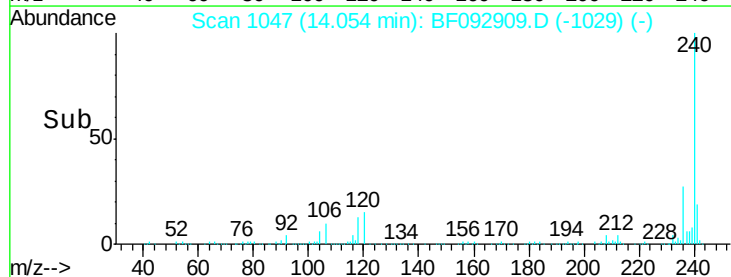
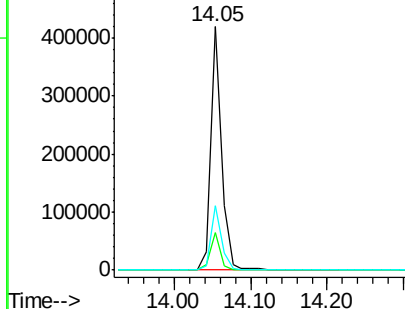


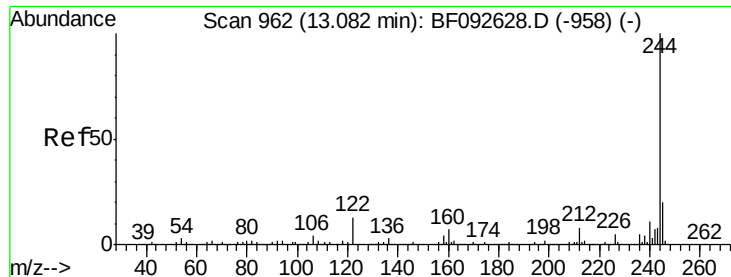
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.09 min
 Lab File: BF092909.D
 Acq: 11 Feb 2017 6:32

Tgt Ion:240 Resp: 401229
 Ion Ratio Lower Upper
 240 100
 120 15.3 12.9 19.3
 236 26.7 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

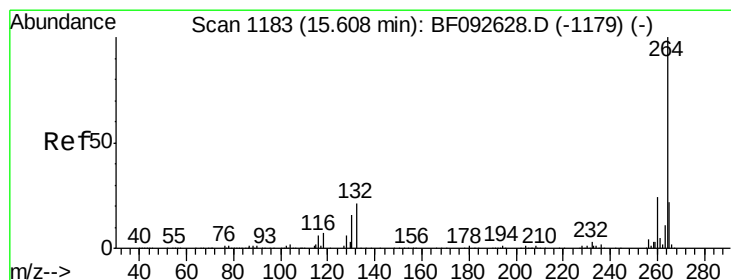
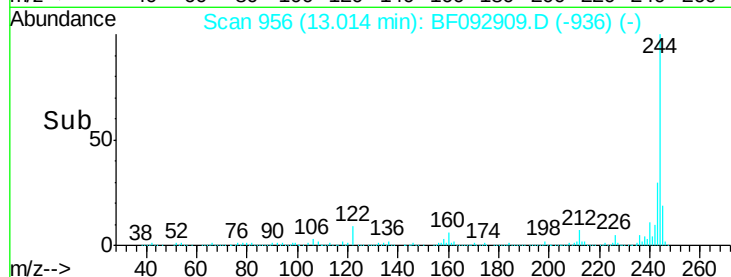
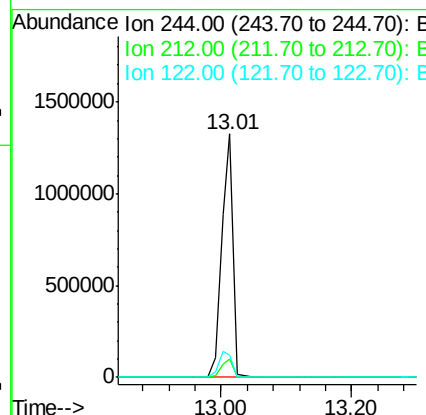
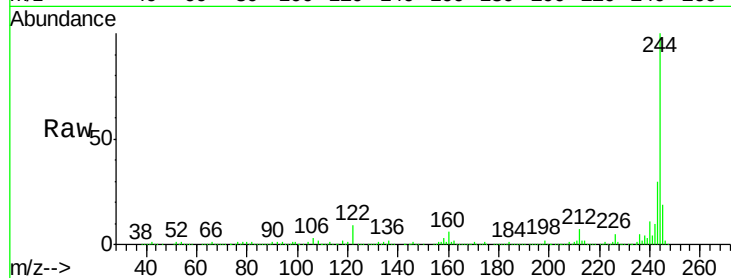




#78
 Terphenyl-d14
 Concen: 95.39 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.07 min
 Lab File: BF092909.D
 Acq: 11 Feb 2017 6:32

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tgt Ion:244 Resp: 1628865
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 9.3 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. -0.10 min
 Lab File: BF092909.D
 Acq: 11 Feb 2017 6:32

Tgt Ion:264 Resp: 320157
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.2 17.4 26.0

