

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
 Data File : BF092460.D
 Acq On : 25 Jan 2017 5:37
 Operator : UM/SJ
 Sample : I1397-06
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-27

Quant Time: Jan 25 06:15:48 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

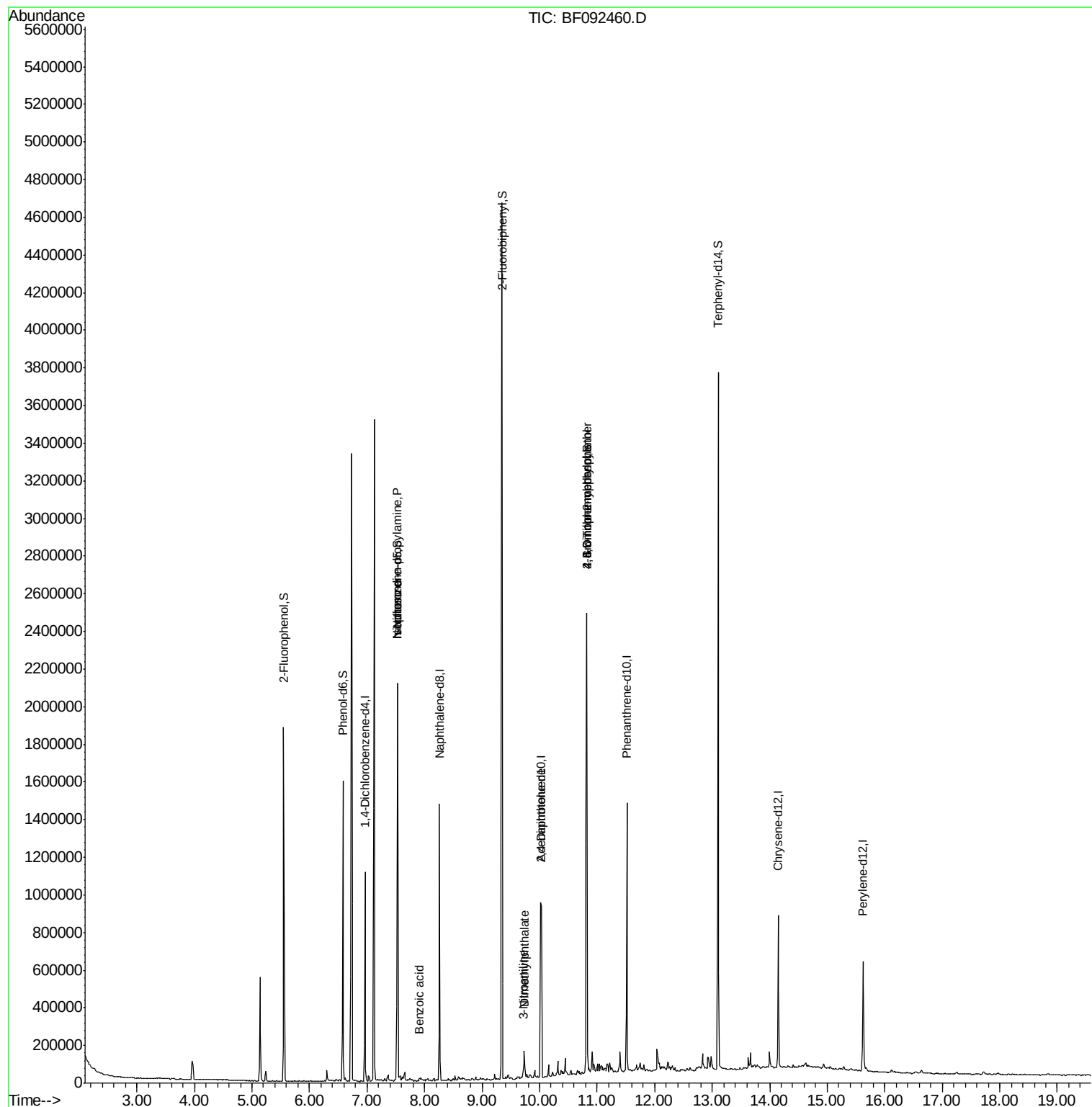
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	152514	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	602624	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	303394	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	486875	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	311791	20.00	ng	-0.02
86) Perylene-d12	15.62	264	298294	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	560776	57.21	ng	0.00
7) Phenol-d6	6.58	99	460815	36.91	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1030482	93.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	282866	136.82	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1479252	90.16	ng	-0.01
78) Terphenyl-d14	13.11	244	1144727	97.77	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	137588	16.18	ng	# 85
25) Isophorone	7.53	82	940506	43.26	ng	# 65
32) Benzoic acid	7.90	122	2288	4.97	ng	# 14
49) Dimethylphthalate	9.73	163	44555	2.31	ng	# 99
52) 3-Nitroaniline	9.72	138	29336	5.94	ng	# 1
56) 2,4-Dinitrotoluene	10.03	165	38110	7.28	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.82	198	824	5.23	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	22459	4.57	ng	# 1

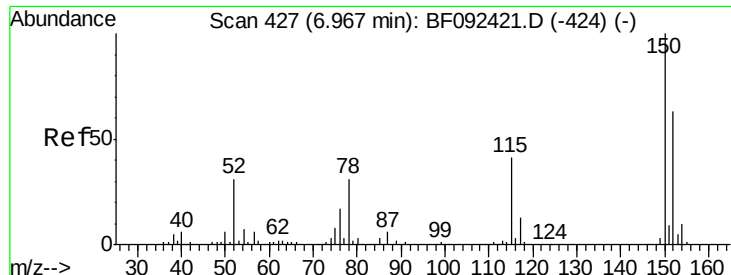
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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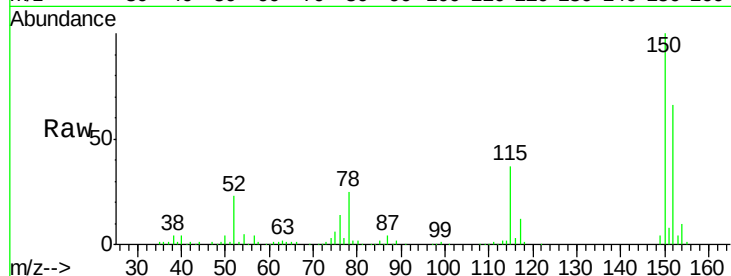


#1

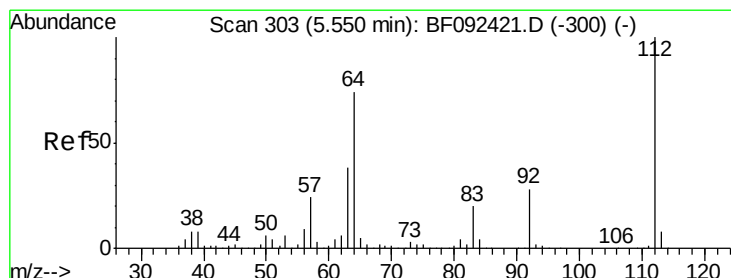
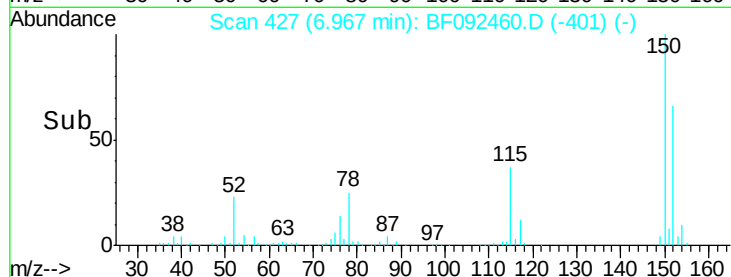
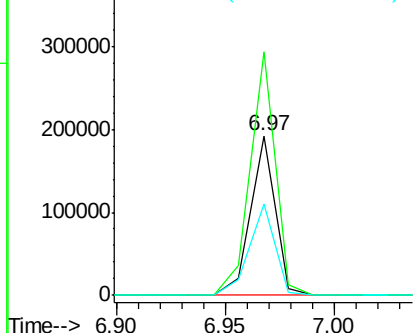
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092460.D
Acq: 25 Jan 2017 5:37

Instrument :
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ClientSampleId :
W-27

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.9	187.3
115	56.9	46.0	69.0



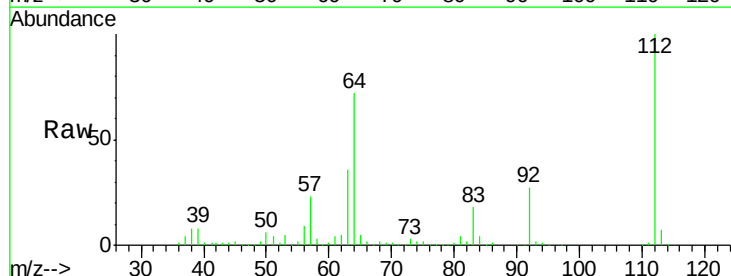
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



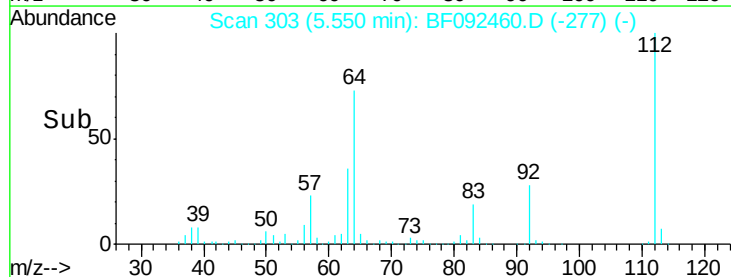
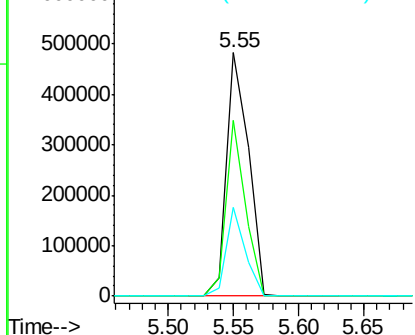
#5

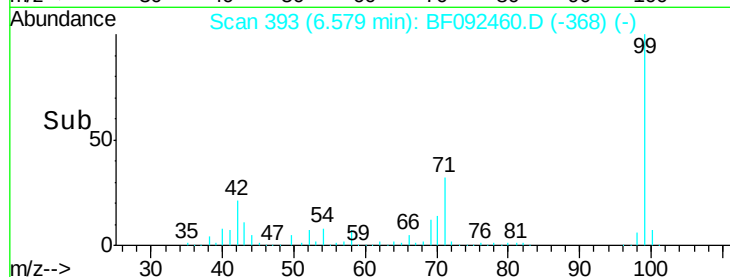
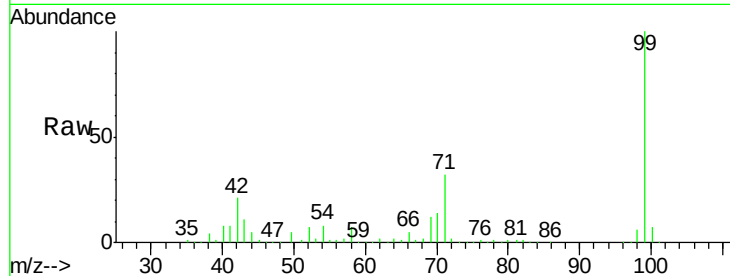
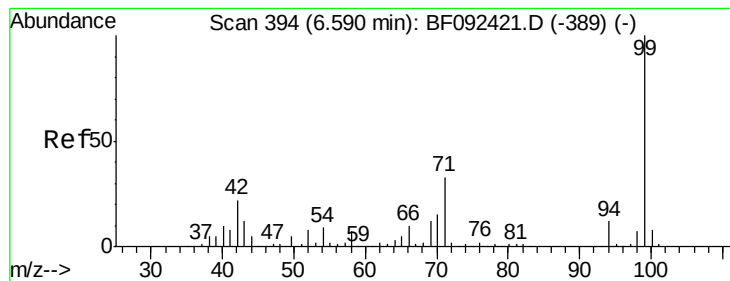
2-Fluorophenol
Concen: 57.21 ng
RT: 5.55 min Scan# 303
Delta R.T. 0.00 min
Lab File: BF092460.D
Acq: 25 Jan 2017 5:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.3	46.1	69.1#
63	36.4	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: 36.91 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092460.D

Acq: 25 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

W-27

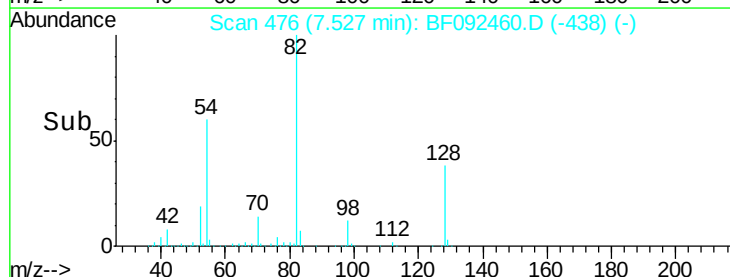
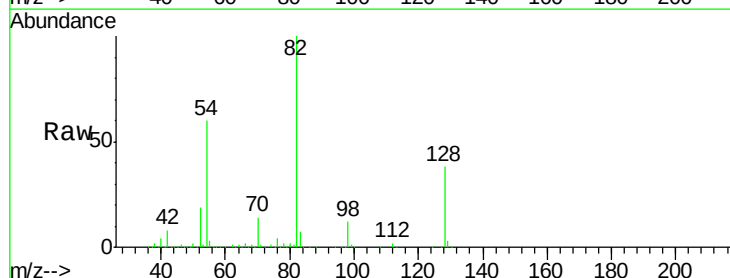
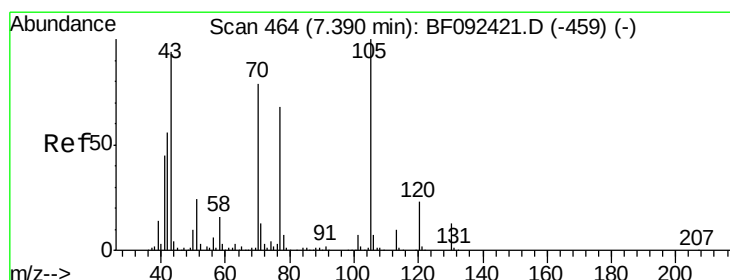
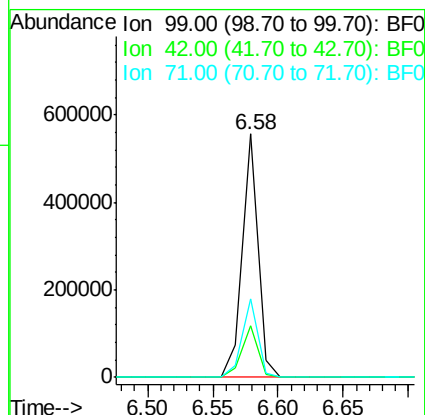
Tgt Ion: 99 Resp: 460815

Ion Ratio Lower Upper

99 100

42 21.5 15.6 23.4

71 32.4 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.18 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.14 min

Lab File: BF092460.D

Acq: 25 Jan 2017 5:37

Tgt Ion: 70 Resp: 137588

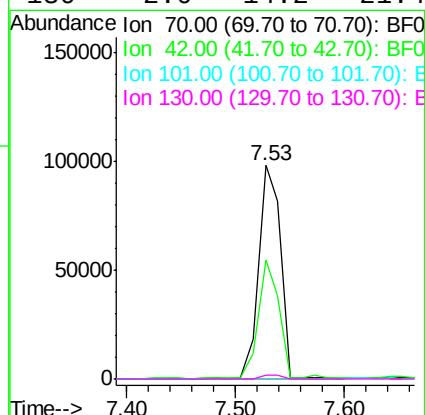
Ion Ratio Lower Upper

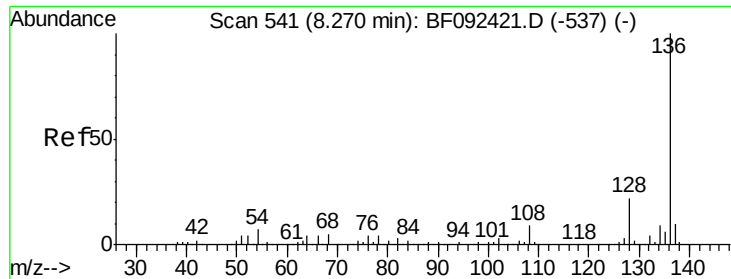
70 100

42 55.7 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

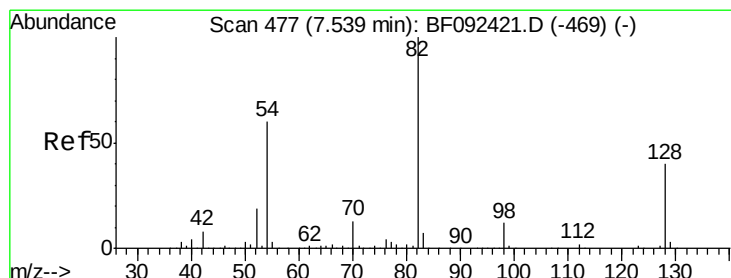
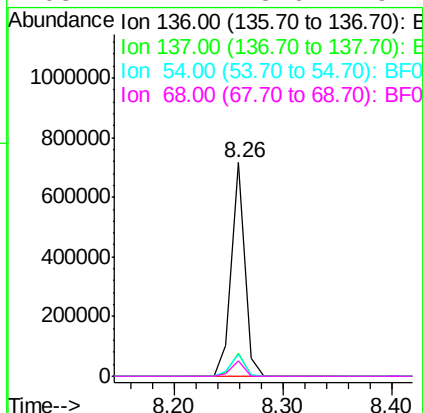
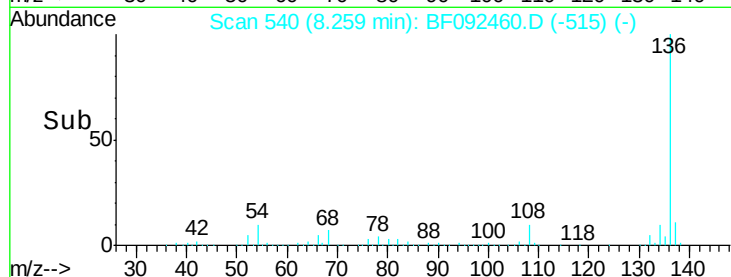
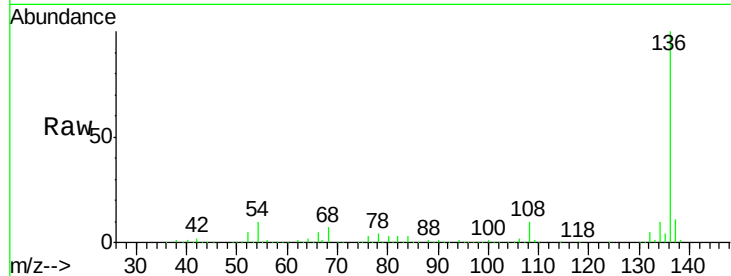




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092460.D
Acq: 25 Jan 2017 5:37

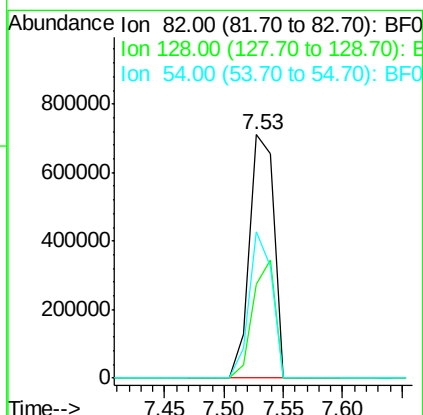
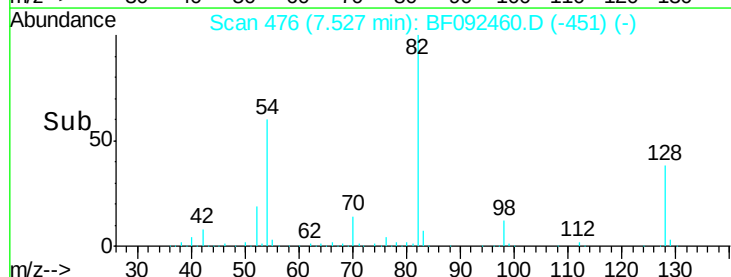
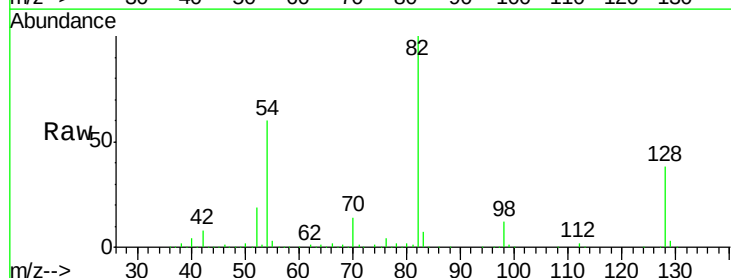
Instrument :
BNA_F
ClientSampleId :
W-27

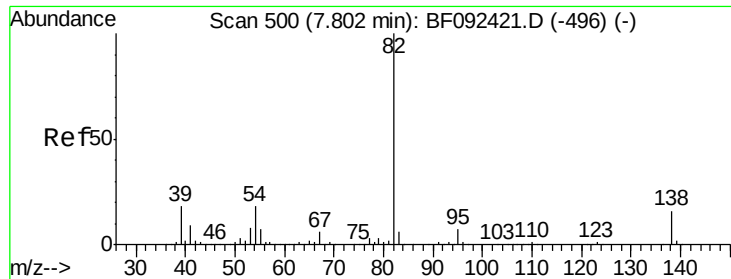
Tgt Ion:	136	Resp:	602624
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.2	4.5	6.7#
68	7.2	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 93.41 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092460.D
Acq: 25 Jan 2017 5:37

Tgt Ion:	82	Resp:	1030482
Ion	Ratio	Lower	Upper
82	100		
128	38.4	34.6	52.0
54	60.4	39.5	59.3#





#25

Isophorone

Concen: 43.26 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.27 min

Lab File: BF092460.D

Acq: 25 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

W-27

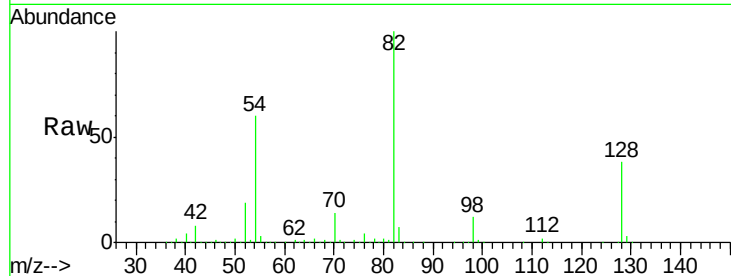
Tgt Ion: 82 Resp: 940506

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

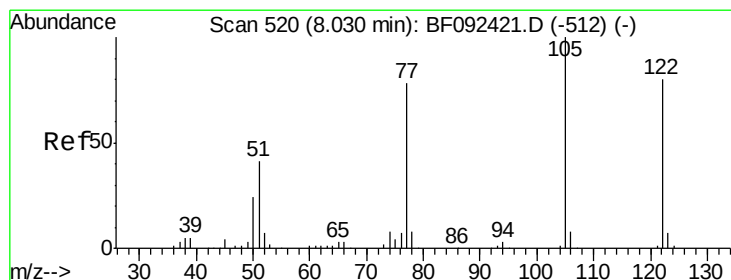
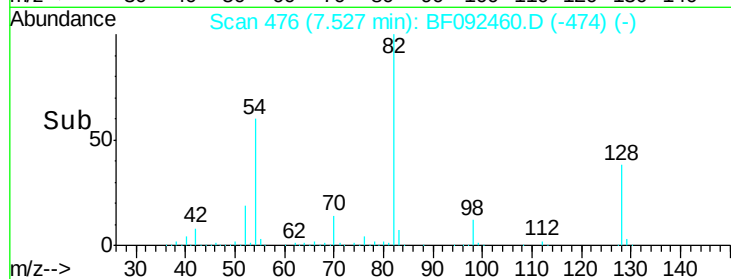
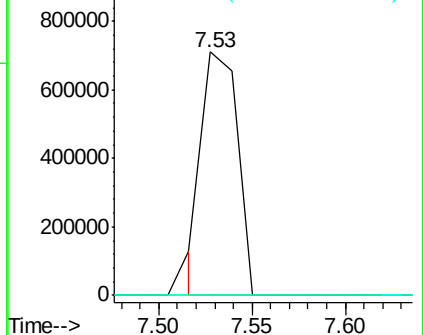
138 0.0 14.6 22.0#



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: 4.97 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.13 min

Lab File: BF092460.D

Acq: 25 Jan 2017 5:37

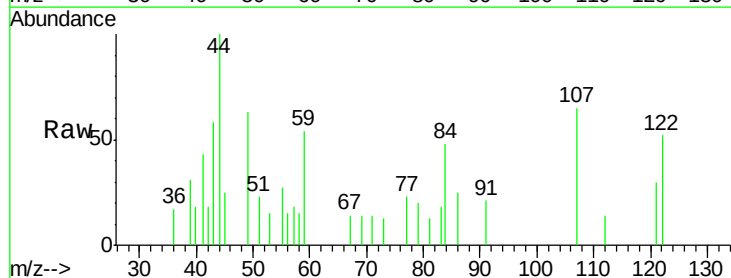
Tgt Ion: 122 Resp: 2288

Ion Ratio Lower Upper

122 100

105 0.0 107.2 147.2#

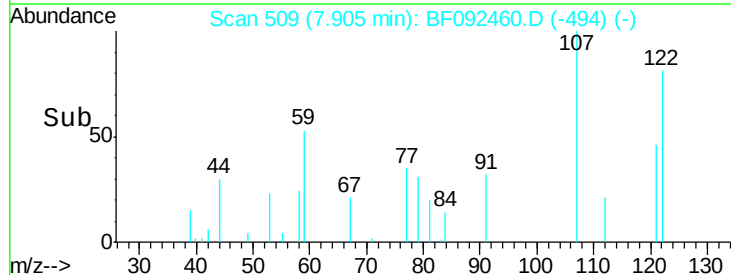
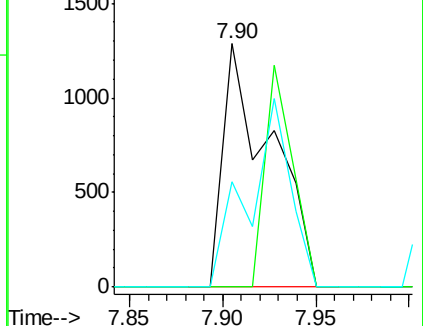
77 43.4 74.5 114.5#

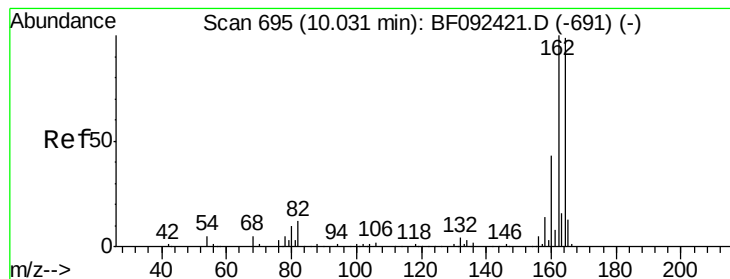


Abundance Ion 122.00 (121.70 to 122.70): E

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: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF092460.D

Acq: 25 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

W-27

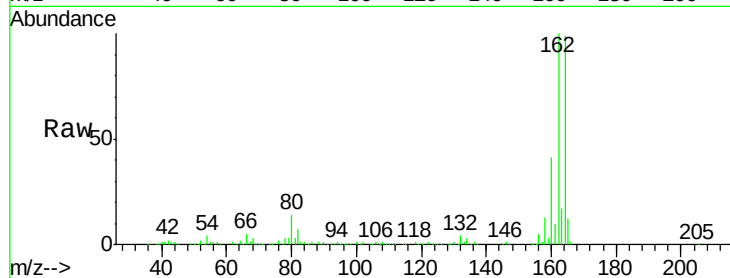
Tgt Ion:164 Resp: 303394

Ion Ratio Lower Upper

164 100

162 101.3 80.2 120.2

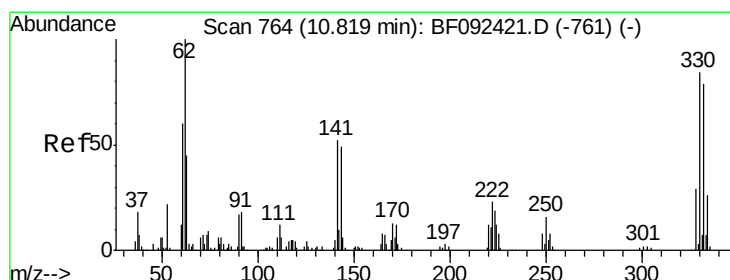
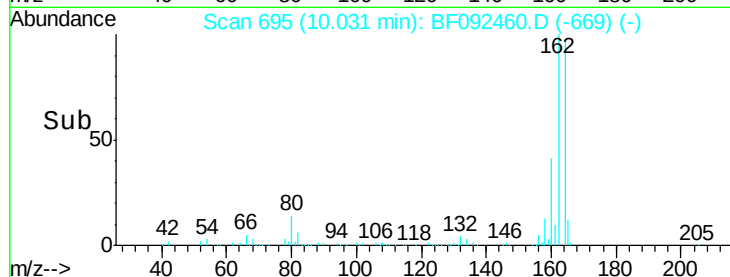
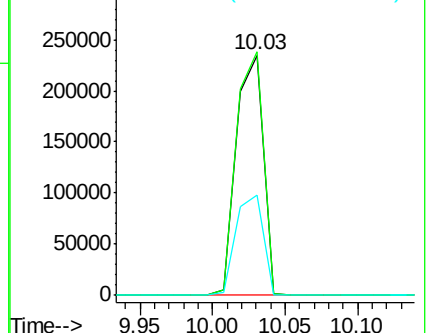
160 41.8 36.9 55.3



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: 136.82 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF092460.D

Acq: 25 Jan 2017 5:37

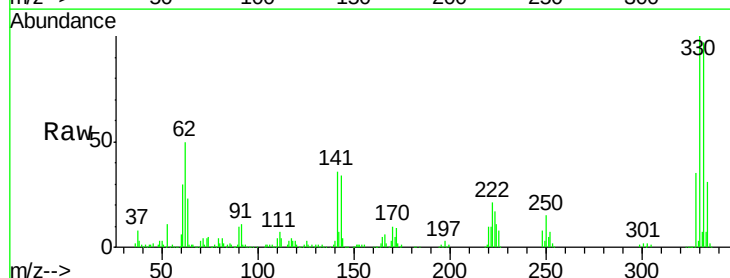
Tgt Ion:330 Resp: 282866

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

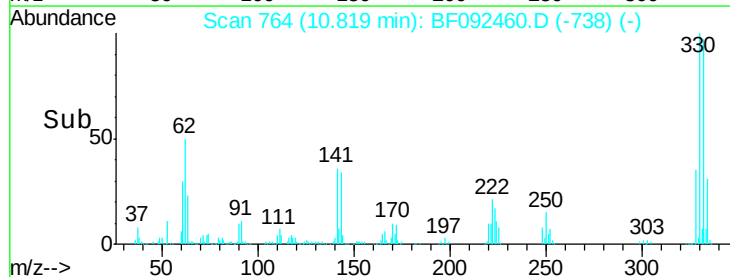
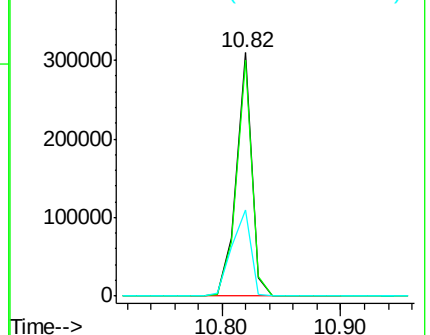
141 43.8 34.1 51.1

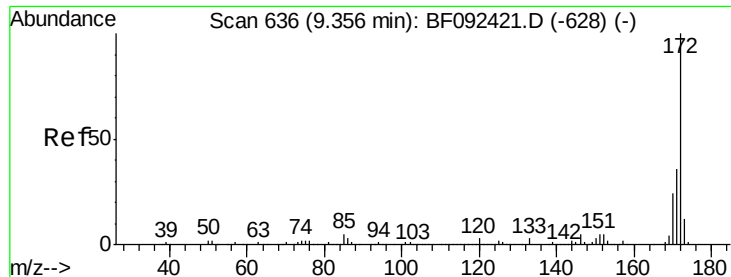


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

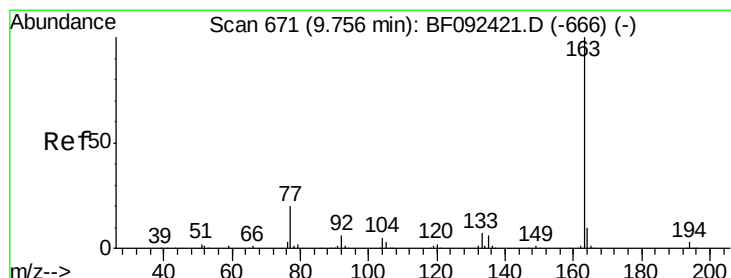
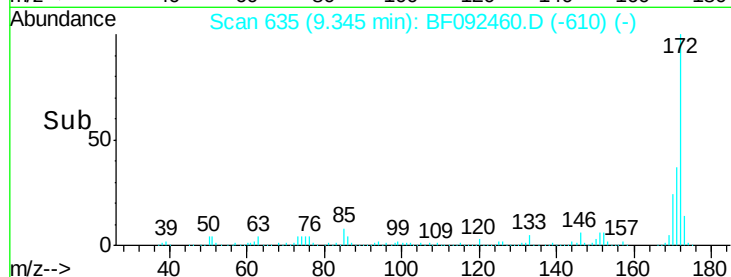
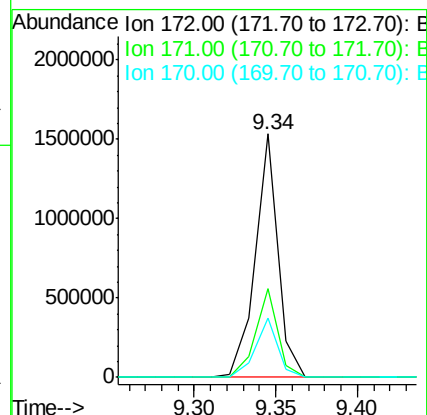
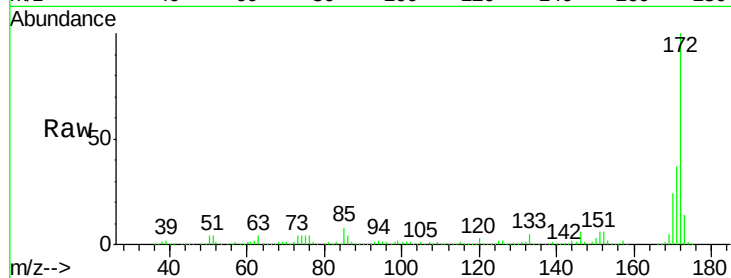




#44
2-Fluorobiphenyl
Concen: 90.16 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092460.D
Acq: 25 Jan 2017 5:37

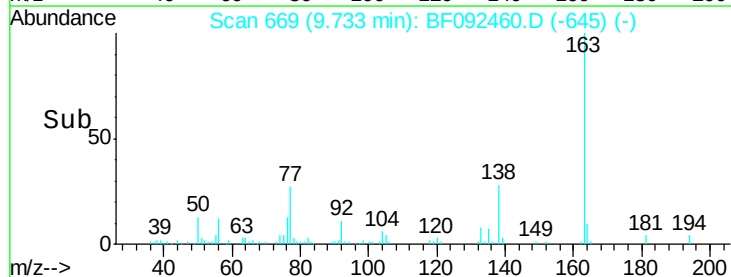
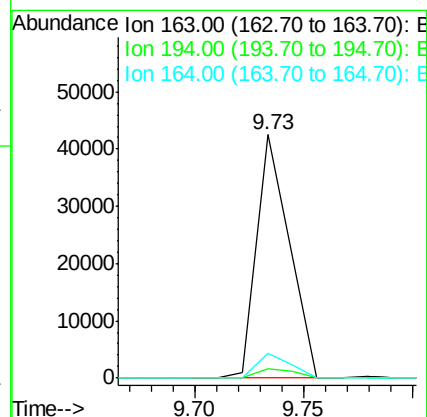
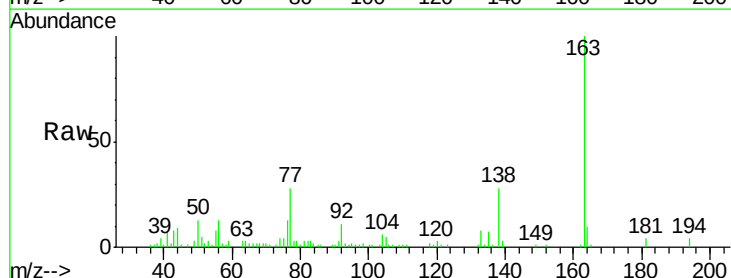
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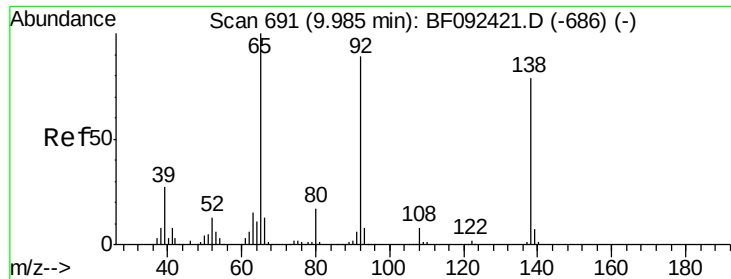
Tgt Ion:172 Resp: 1479252
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 24.5 20.2 30.4



#49
Dimethylphthalate
Concen: 2.31 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092460.D
Acq: 25 Jan 2017 5:37

Tgt Ion:163 Resp: 44555
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.3 8.0 12.0

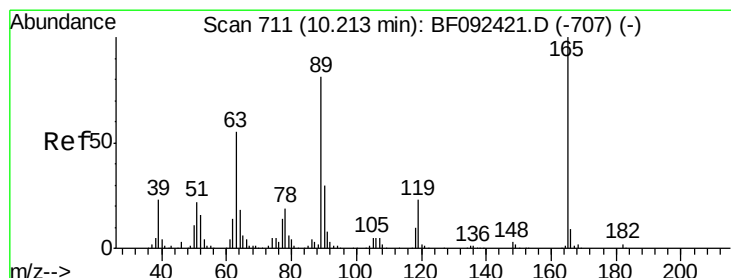
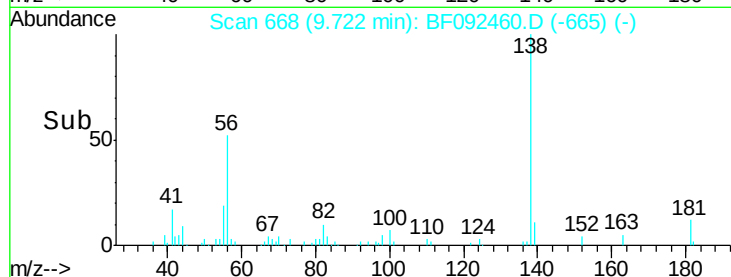
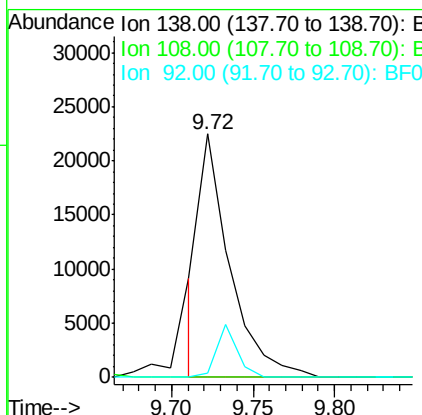
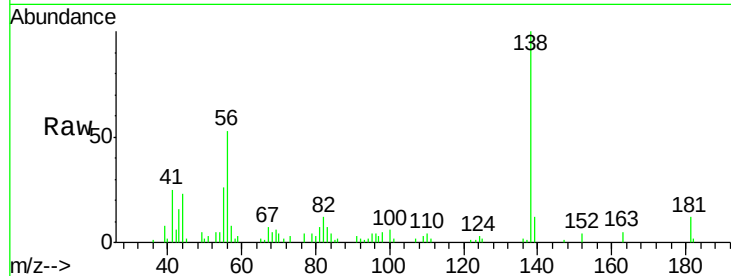




#52
3-Nitroaniline
Concen: 5.94 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.26 min
Lab File: BF092460.D
Acq: 25 Jan 2017 5:37

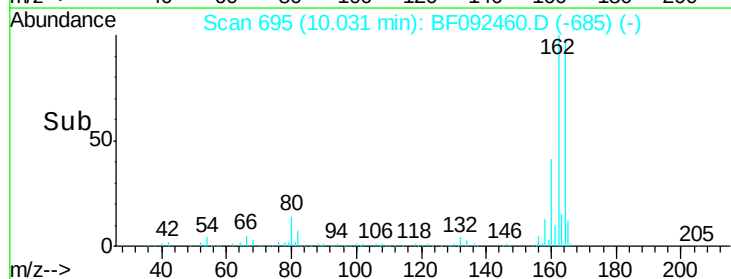
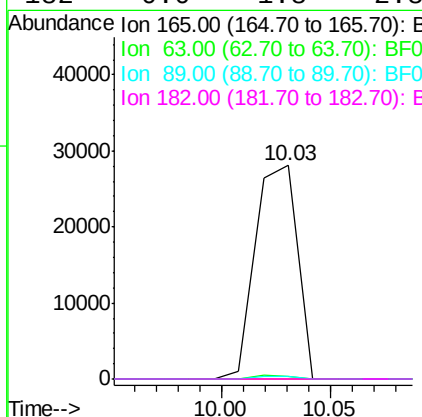
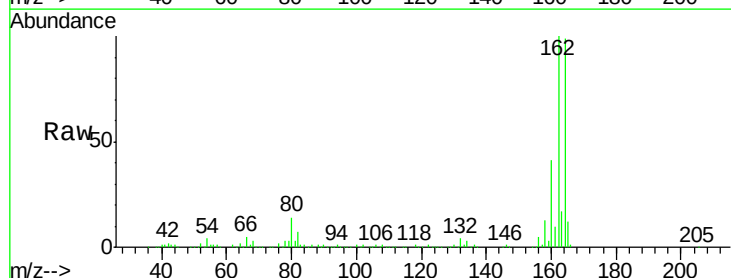
Instrument :
BNA_F
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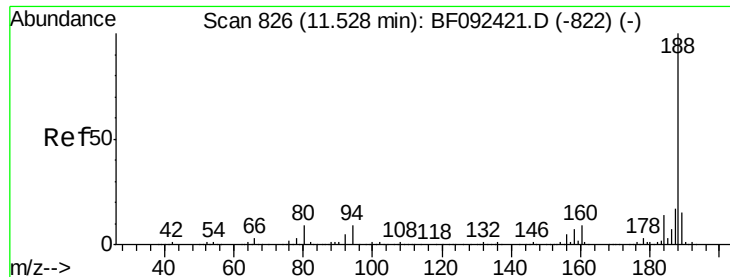
Tgt Ion:138 Resp: 29336
Ion Ratio Lower Upper
138 100
108 0.0 8.5 12.7#
92 1.6 97.8 146.8#



#56
2,4-Dinitrotoluene
Concen: 7.28 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092460.D
Acq: 25 Jan 2017 5:37

Tgt Ion:165 Resp: 38110
Ion Ratio Lower Upper
165 100
63 1.3 40.2 60.4#
89 1.1 62.5 93.7#
182 0.0 1.8 2.8#

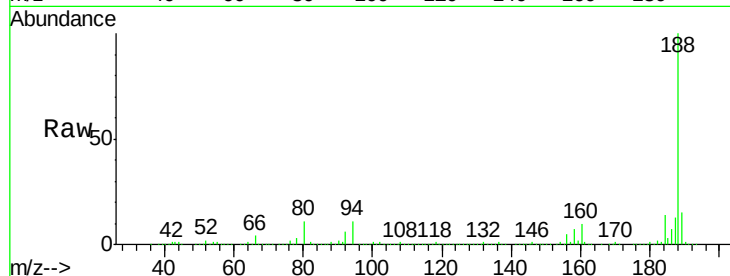




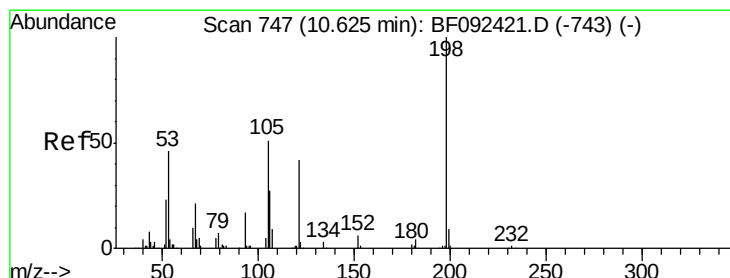
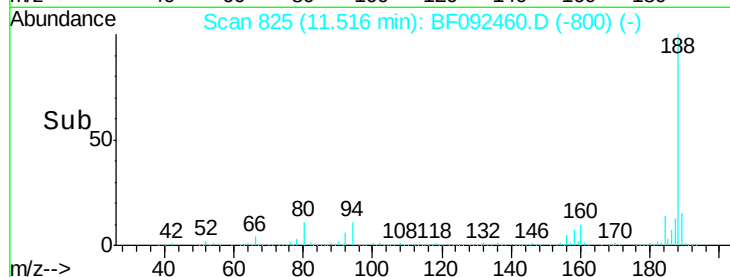
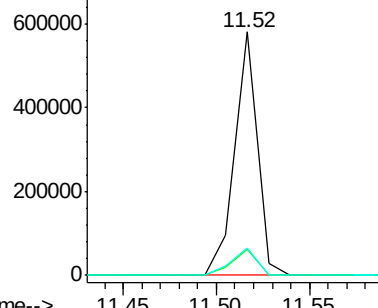
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092460.D
Acq: 25 Jan 2017 5:37

Instrument :
BNA_F
ClientSampleId :
W-27

Tgt Ion:188 Resp: 486875
Ion Ratio Lower Upper
188 100
94 10.7 10.0 15.0
80 11.3 11.2 16.8

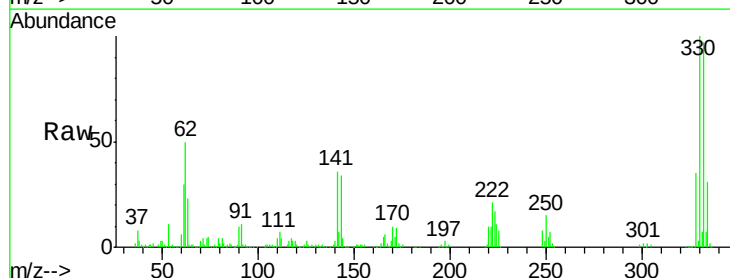


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

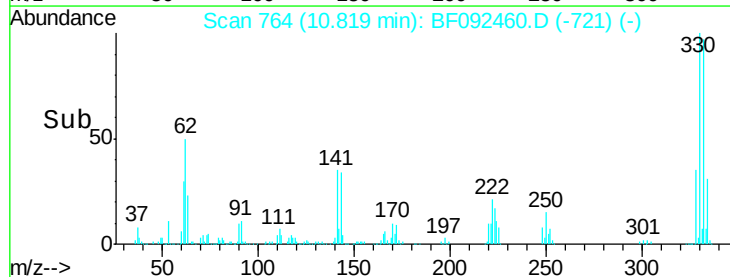
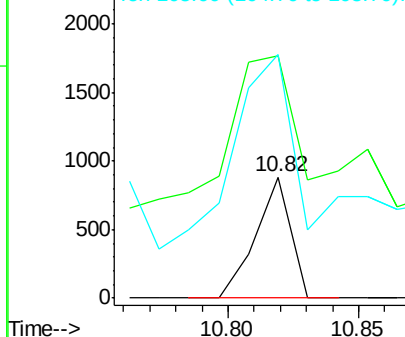


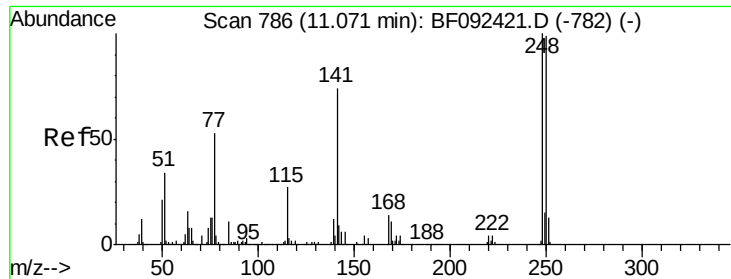
#64
4,6-Dinitro-2-methylphenol
Concen: 5.23 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.20 min
Lab File: BF092460.D
Acq: 25 Jan 2017 5:37

Tgt Ion:198 Resp: 824
Ion Ratio Lower Upper
198 100
51 201.0 6.7 46.7#
105 201.6 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

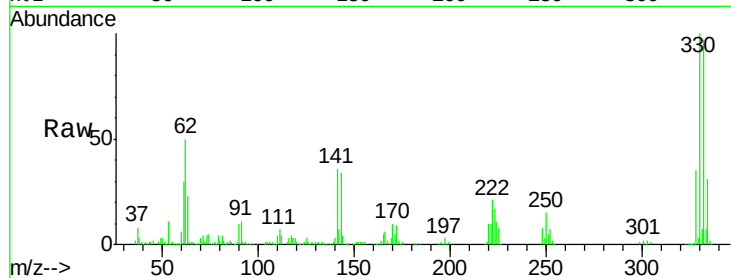




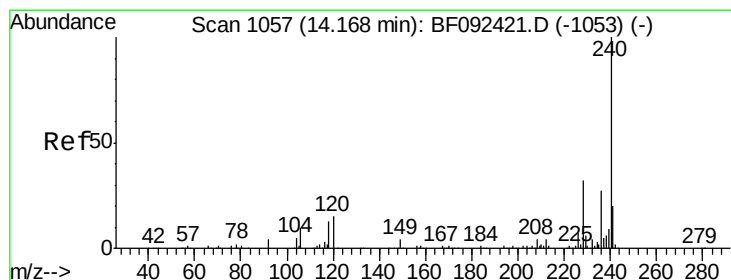
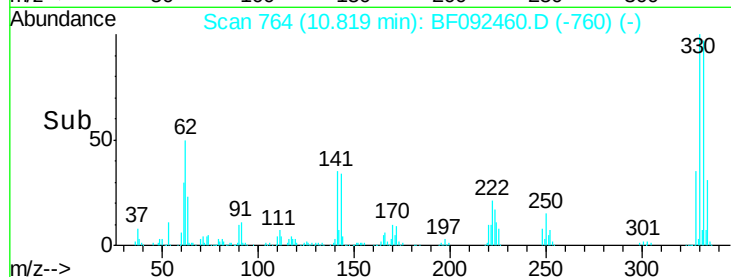
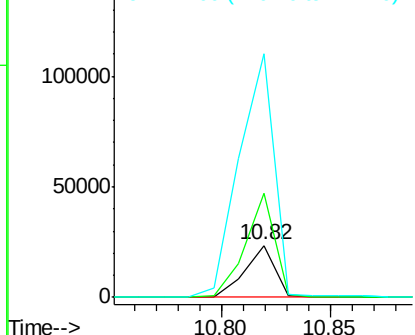
#66
 4-Bromophenyl-phenylether
 Concen: 4.57 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.25 min
 Lab File: BF092460.D
 Acq: 25 Jan 2017 5:37

Instrument :
 BNA_F
 ClientSampled :
 W-27

Tgt Ion:248 Resp: 22459
 Ion Ratio Lower Upper
 248 100
 250 201.7 76.9 115.3#
 141 469.9 68.2 102.4#

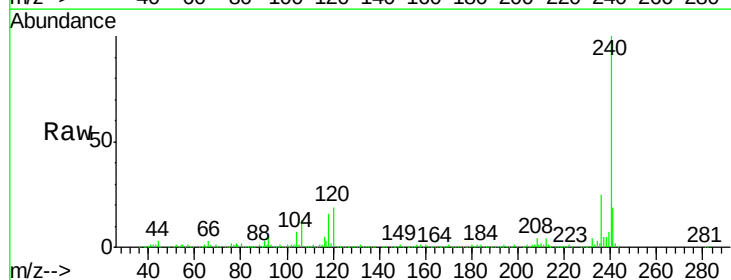


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

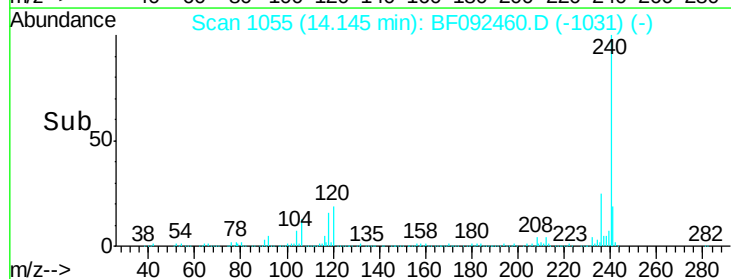
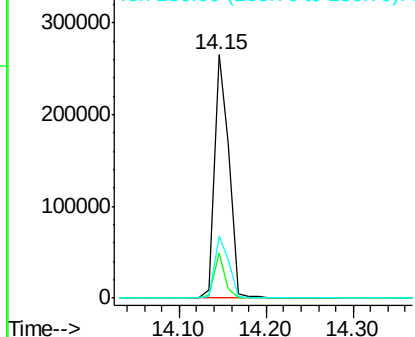


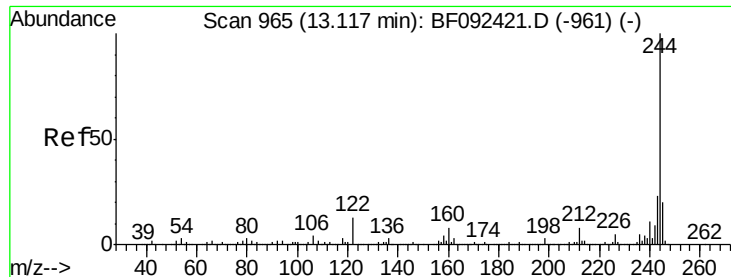
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.15 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF092460.D
 Acq: 25 Jan 2017 5:37

Tgt Ion:240 Resp: 311791
 Ion Ratio Lower Upper
 240 100
 120 18.8 12.9 19.3
 236 25.4 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: 97.77 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092460.D

Acq: 25 Jan 2017 5:37

Instrument :

BNA_F

ClientSampleId :

W-27

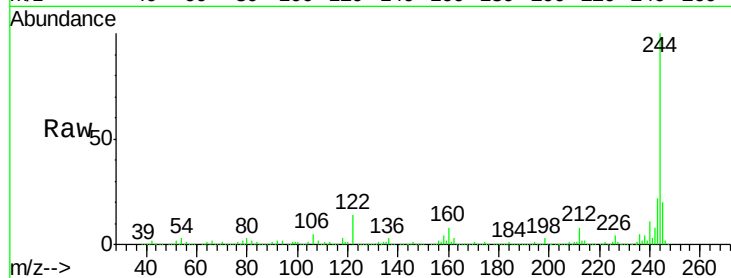
Tgt Ion:244 Resp: 1144727

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

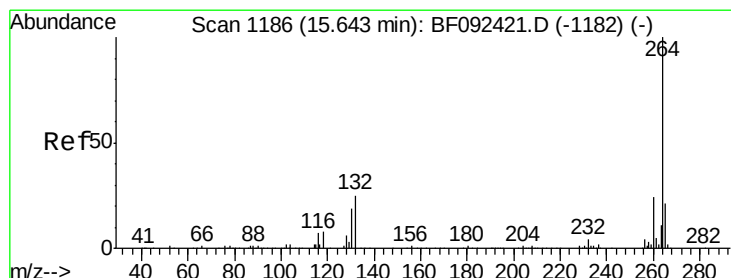
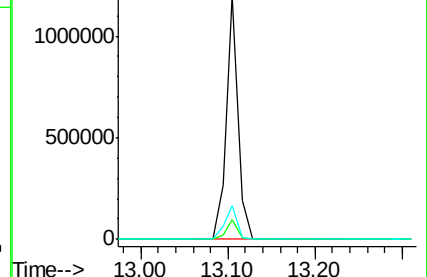
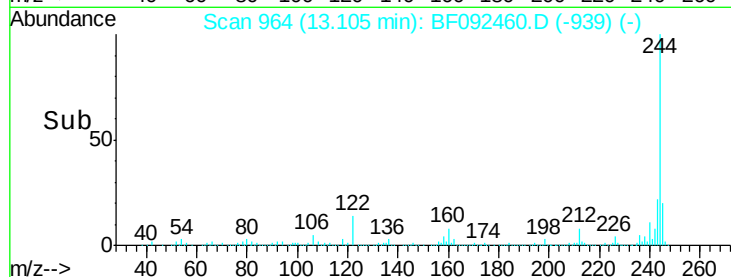
122 13.8 11.4 17.2



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: 15.62 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BF092460.D

Acq: 25 Jan 2017 5:37

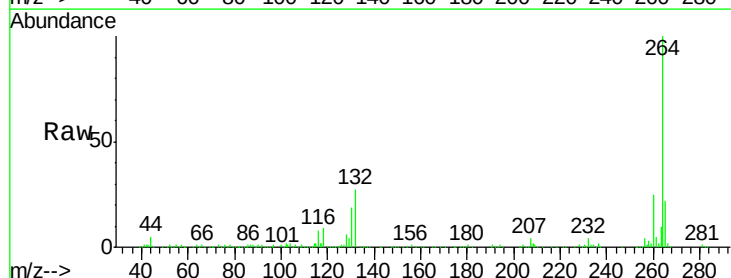
Tgt Ion:264 Resp: 298294

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 21.9 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

