

Data Path : Z:\HPCHEM1\BNA_F\Data\BF070915\
 Data File : BF080403.D
 Acq On : 9 Jul 2015 16:18
 Operator : TP/UM
 Sample : G2866-10DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115DL

Quant Time: Jul 10 01:04:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 10 00:56:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.20	152	33875	20.00	ng	0.00
21) Naphthalene-d8	8.49	136	122530	20.00	ng	0.00
38) Acenaphthene-d10	10.26	164	71930	20.00	ng	0.00
63) Phenanthrene-d10	11.77	188	134577	20.00	ng	0.00
75) Chrysene-d12	14.69	240	163978	20.00	ng	-0.14
86) Perylene-d12	16.51	264	161237	20.00	ng	-0.23

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.80	112	24052	13.00	ng	0.00
7) Phenol-d6	6.81	99	32269	13.16	ng	0.00
23) Nitrobenzene-d5	7.76	82	36529	17.39	ng	0.00
41) 2,4,6-Tribromophenol	11.06	330	7077	9.40	ng	0.00
44) 2-Fluorobiphenyl	9.57	172	40513	7.60	ng	0.00
78) Terphenyl-d14	13.44	244	52819	7.51	ng	-0.07

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	7.73	117	28790	36.45	ng	# 1
19) n-Nitroso-di-n-propylamine	7.63	70	12046	7.57	ng	# 73
22) Acetophenone	7.52	105	28761	10.17	ng	# 81
25) Isophorone	8.02	82	34840	8.62	ng	# 1
26) 2-Nitrophenol	8.11	139	3800	4.16	ng	# 1
27) 2,4-Dimethylphenol	8.16	122	6650	3.70	ng	# 51
29) 2,4-Dichlorophenol	8.34	162	4388	2.75	ng	# 1
31) Naphthalene	8.53	128	32950	5.24	ng	# 1
32) Benzoic acid	8.16	122	6650	12.76	ng	# 29
33) 4-Chloroaniline	8.53	127	13180	5.26	ng	# 1
35) Caprolactam	8.91	113	52209	105.97	ng	# 55
36) 4-Chloro-3-methylphenol	9.05	107	8724	5.30	ng	# 45
37) 2-Methylnaphthalene	9.31	142	459056	114.56	ng	# 93
47) 2-Nitroaniline	9.85	65	10763	7.90	ng	# 39
48) Acenaphthylene	10.12	152	31946	3.94	ng	# 1
49) Dimethylphthalate	9.96	163	13284	2.30	ng	# 73
50) 2,6-Dinitrotoluene	10.02	165	5230	4.33	ng	# 52
51) Acenaphthene	10.29	154	60882	12.55	ng	# 56
52) 3-Nitroaniline	10.17	138	3753	2.76	ng	# 37
53) 2,4-Dinitrophenol	10.33	184	353	8.26	ng	# 1
54) Dibenzofuran	10.46	168	37030	5.37	ng	# 1
55) 4-Nitrophenol	10.36	139	55028	55.18	ng	# 66
56) 2,4-Dinitrotoluene	10.42	165	6010	3.87	ng	# 63
57) Fluorene	10.82	166	127060	21.40	ng	# 79
61) 4-Nitroaniline	10.68	138	4160	3.15	ng	# 79
62) Azobenzene	10.96	77	17185	3.14	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.84	198	3555	9.33	ng	# 1
65) n-Nitrosodiphenylamine	10.92	169	317285	74.02	ng	# 37
68) Atrazine	11.42	200	3727	2.92	ng	# 1
70) Phenanthrene	11.79	178	455812	56.47	ng	# 97
71) Anthracene	11.79	178	455812	57.59	ng	# 96
74) Fluoranthene	13.05	202	100653	11.61	ng	# 95
77) Pyrene	13.05	202	100653	10.15	ng	# 98
80) Benzo(a)anthracene	14.68	228	32148	3.25	ng	# 98

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Instrument :
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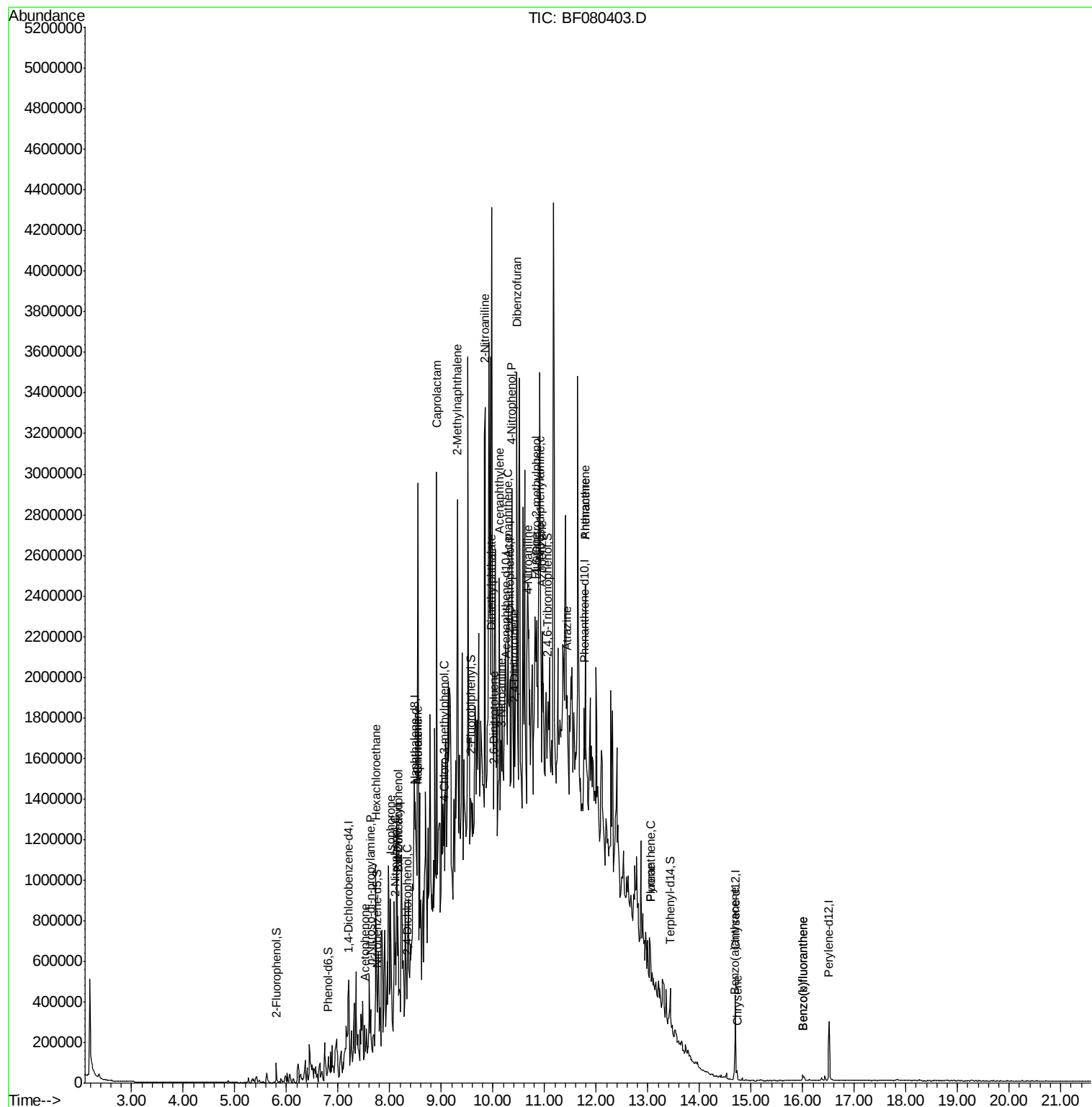
Quant Time: Jul 10 01:04:12 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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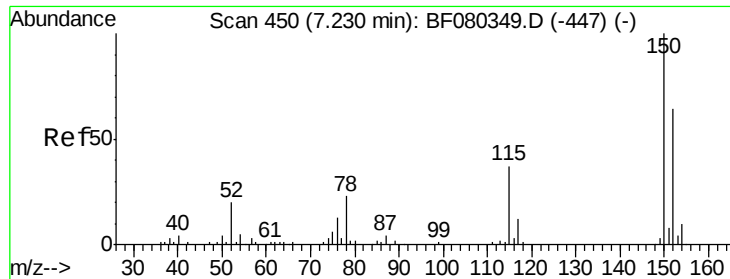
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Chrysene	14.73	228	23329	2.52	ng	99
87) Benzo(b)fluoranthene	16.00	252	27614	2.73	ng	98
88) Benzo(k)fluoranthene	16.00	252	27614	2.88	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF080403.D

Acq: 9 Jul 2015 16:18

Instrument :

BNA_F

ClientSampleId :

SB-04-6.5-7.0-070115DL

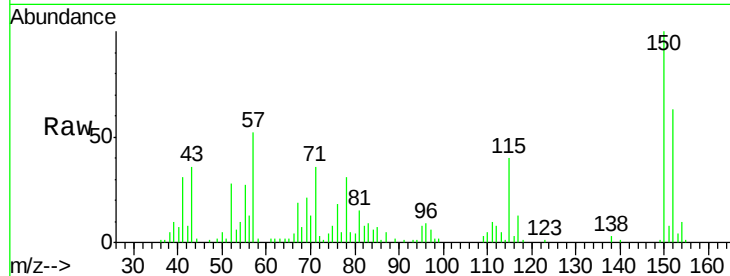
Tgt Ion:152 Resp: 33875

Ion Ratio Lower Upper

152 100

150 159.3 124.7 187.1

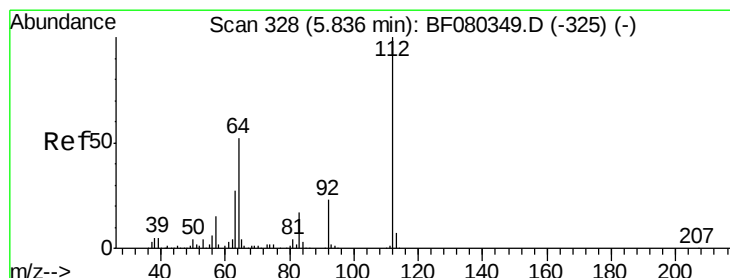
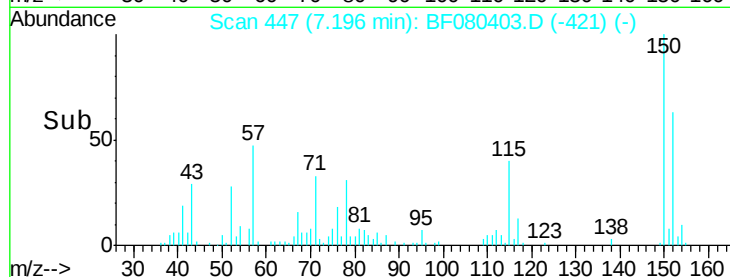
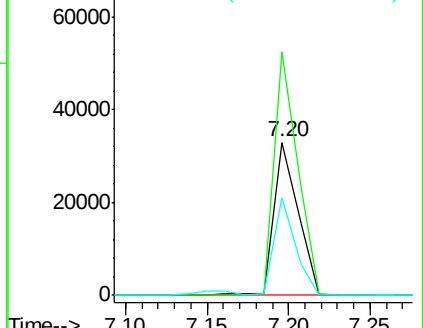
115 64.1 45.7 68.5



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: 13.00 ng

RT: 5.80 min Scan# 325

Delta R.T. 0.00 min

Lab File: BF080403.D

Acq: 9 Jul 2015 16:18

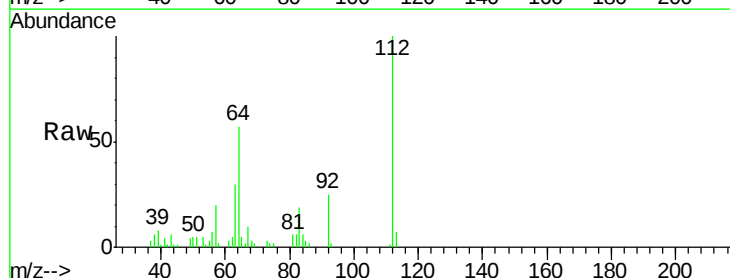
Tgt Ion:112 Resp: 24052

Ion Ratio Lower Upper

112 100

64 56.6 41.8 62.6

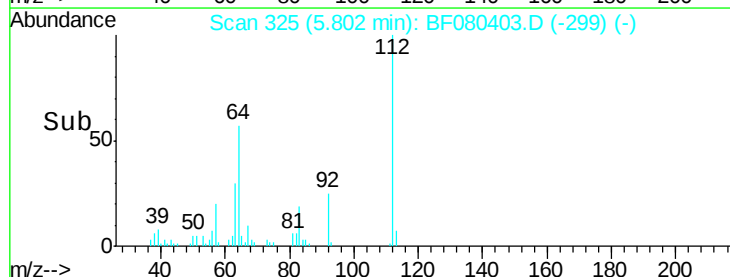
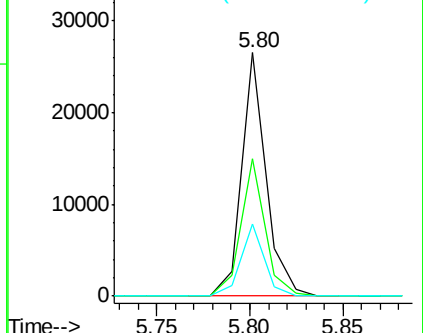
63 29.8 21.5 32.3

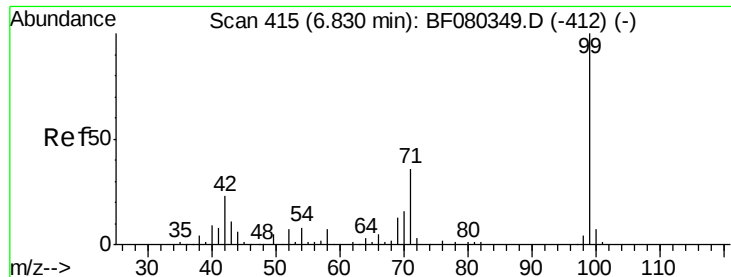


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 13.16 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF080403.D

Acq: 9 Jul 2015 16:18

Instrument :

BNA_F

ClientSampleId :

SB-04-6.5-7.0-070115DL

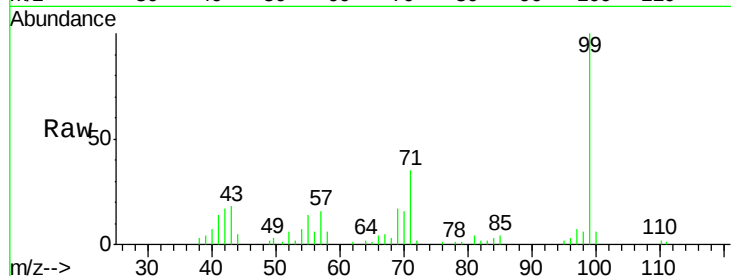
Tgt Ion: 99 Resp: 32269

Ion Ratio Lower Upper

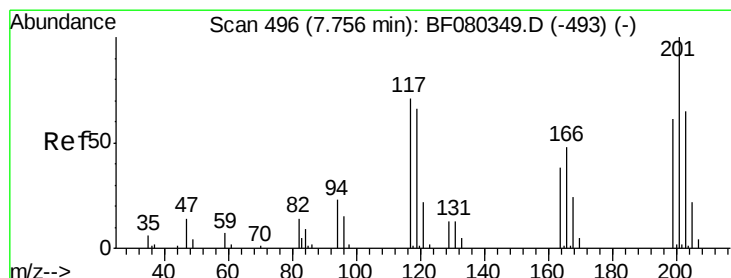
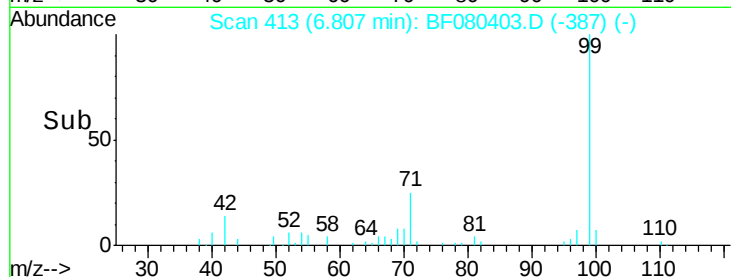
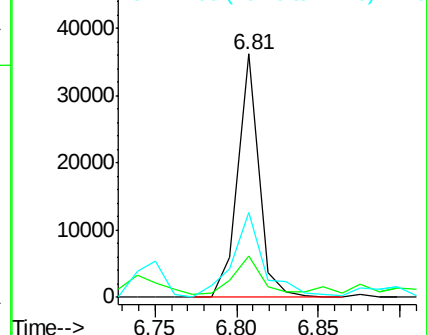
99 100

42 17.0 18.5 27.7#

71 34.8 28.5 42.7



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



#18

Hexachloroethane

Concen: 36.45 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.01 min

Lab File: BF080403.D

Acq: 9 Jul 2015 16:18

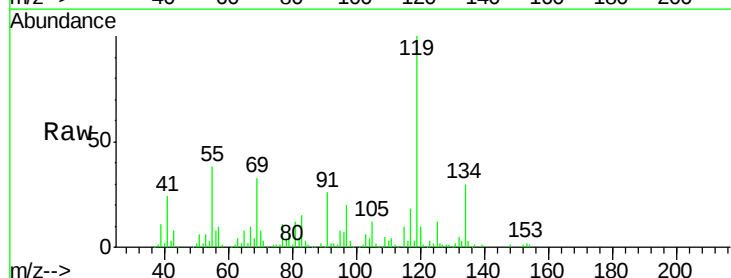
Tgt Ion: 117 Resp: 28790

Ion Ratio Lower Upper

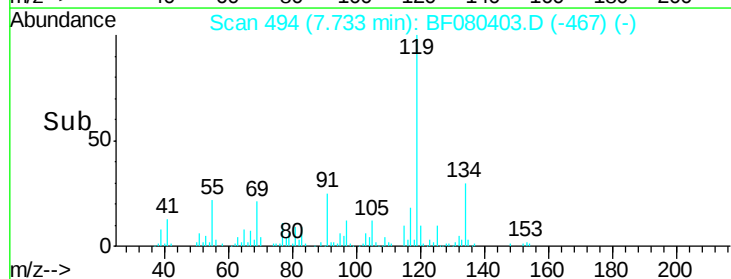
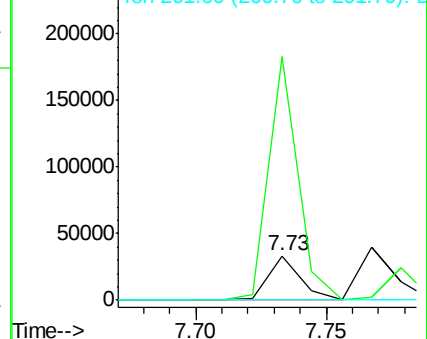
117 100

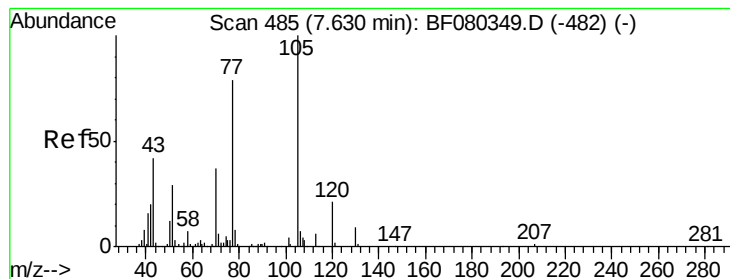
119 547.6 74.2 111.4#

201 0.0 112.4 168.6#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 7.57 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.03 min

Lab File: BF080403.D

Acq: 9 Jul 2015 16:18

Instrument :

BNA_F

ClientSampleId :

SB-04-6.5-7.0-070115DL

Tgt Ion: 70 Resp: 12046

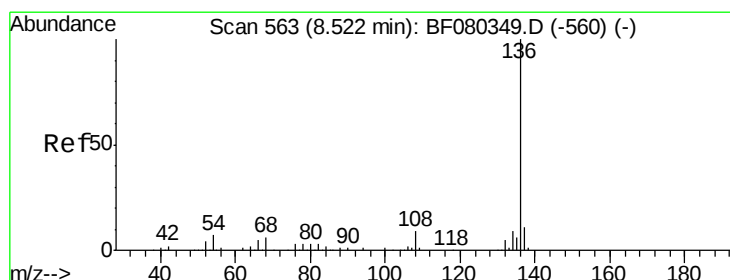
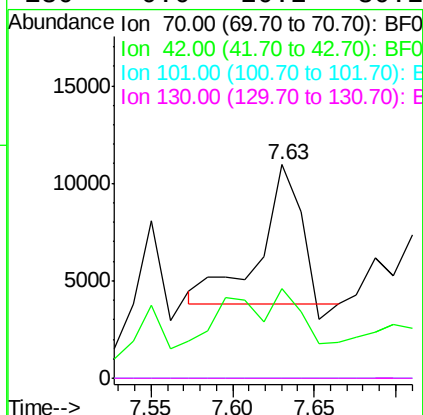
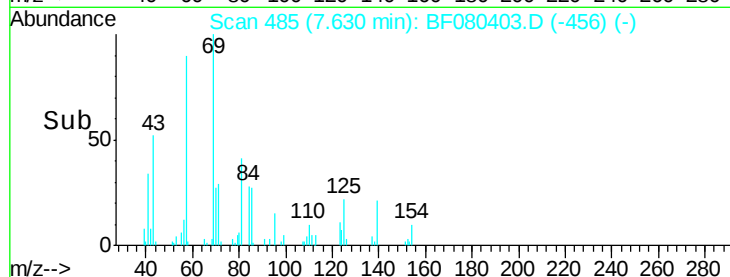
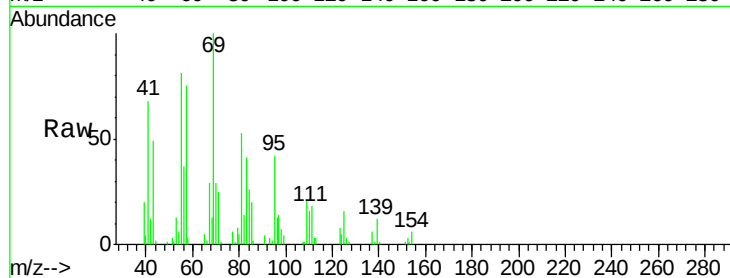
Ion Ratio Lower Upper

70 100

42 42.0 43.0 64.6#

101 0.0 8.3 12.5#

130 0.0 20.2 30.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.49 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF080403.D

Acq: 9 Jul 2015 16:18

Tgt Ion: 136 Resp: 122530

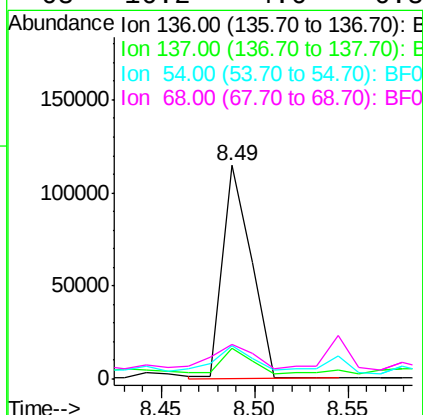
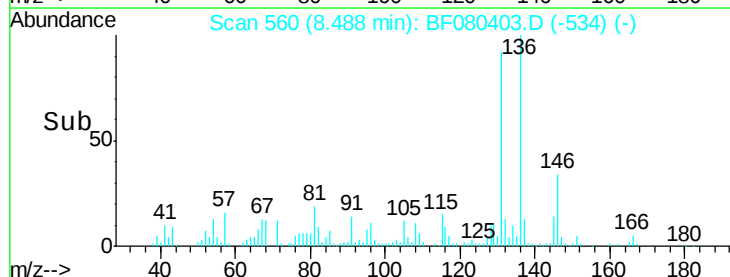
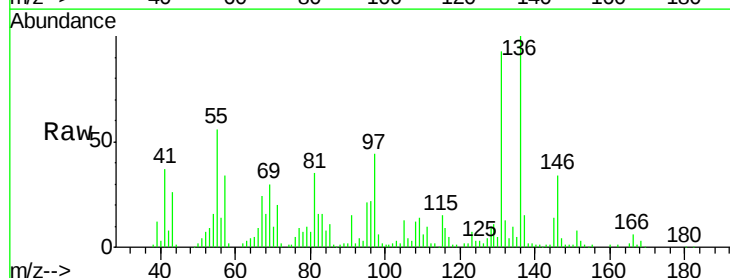
Ion Ratio Lower Upper

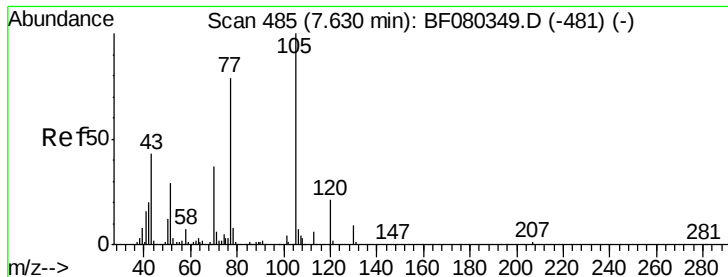
136 100

137 14.7 8.5 12.7#

54 15.6 5.8 8.8#

68 16.2 4.6 6.8#





#22

Acetophenone

Concen: 10.17 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.09 min

Lab File: BF080403.D

Acq: 9 Jul 2015 16:18

Instrument :

BNA_F

ClientSampleId :

SB-04-6.5-7.0-070115DL

Tgt Ion:105 Resp: 28761

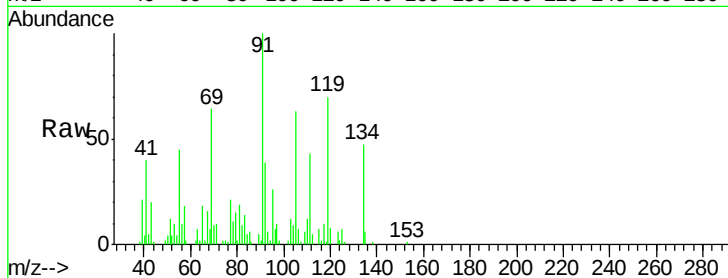
Ion Ratio Lower Upper

105 100

71 15.8 5.0 7.6#

51 19.9 23.2 34.8#

120 12.4 17.0 25.4#

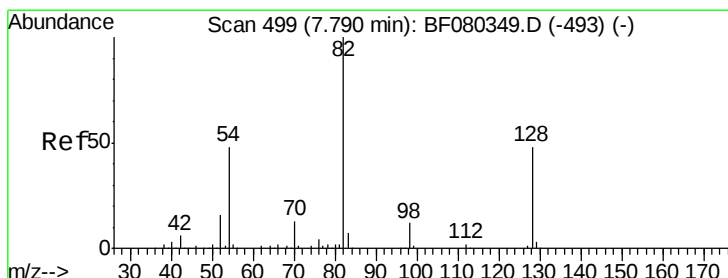
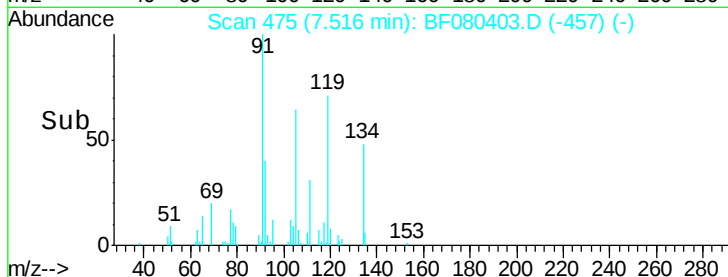
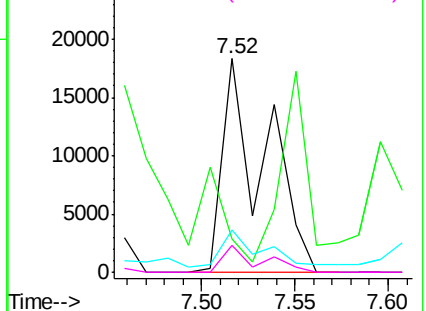


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 17.39 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF080403.D

Acq: 9 Jul 2015 16:18

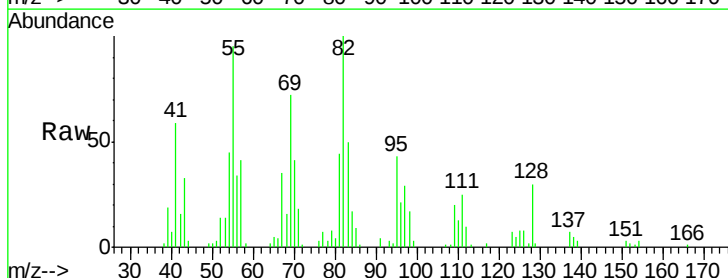
Tgt Ion: 82 Resp: 36529

Ion Ratio Lower Upper

82 100

128 29.7 38.4 57.6#

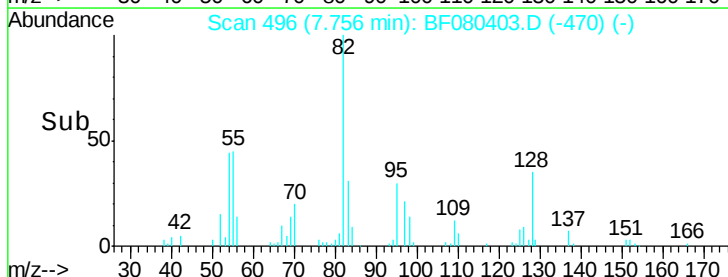
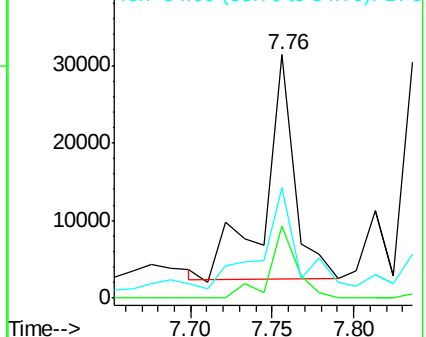
54 45.3 38.2 57.2

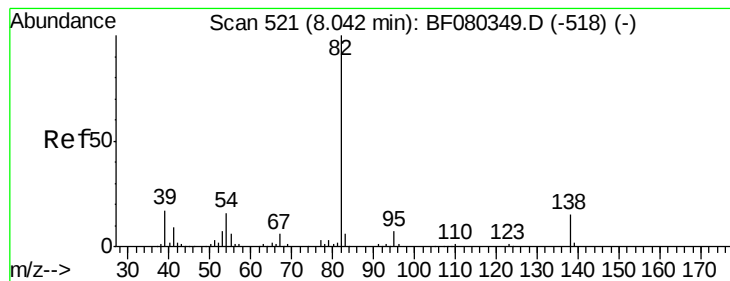


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 8.62 ng

RT: 8.02 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF080403.D

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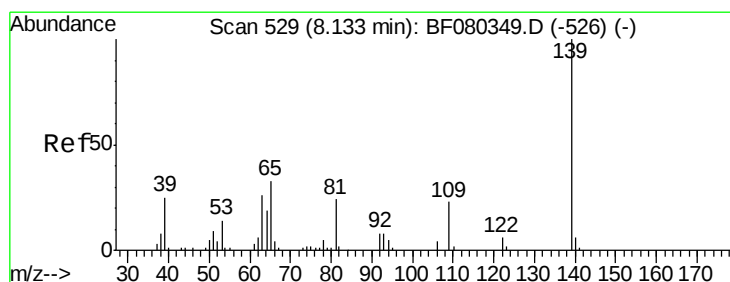
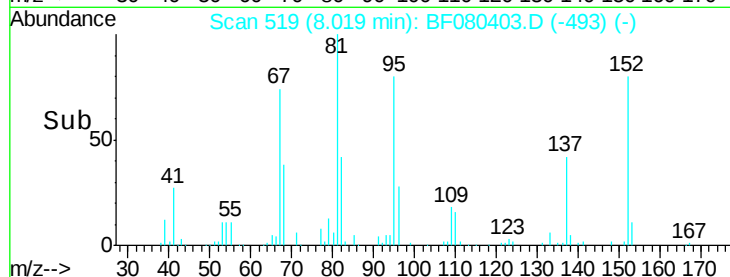
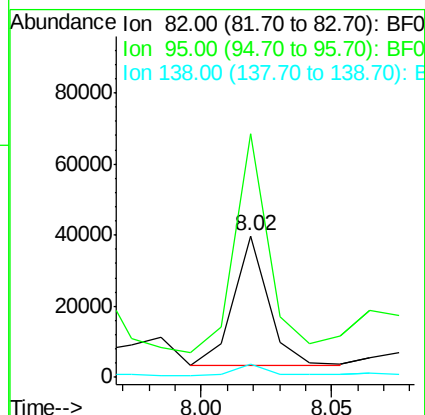
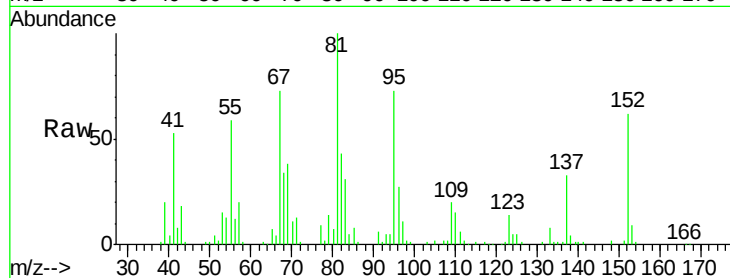
Tgt Ion: 82 Resp: 34840

Ion Ratio Lower Upper

82 100

95 171.6 5.2 7.8#

138 9.6 12.0 18.0#



#26

2-Nitrophenol

Concen: 4.16 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.01 min

Lab File: BF080403.D

Acq: 9 Jul 2015 16:18

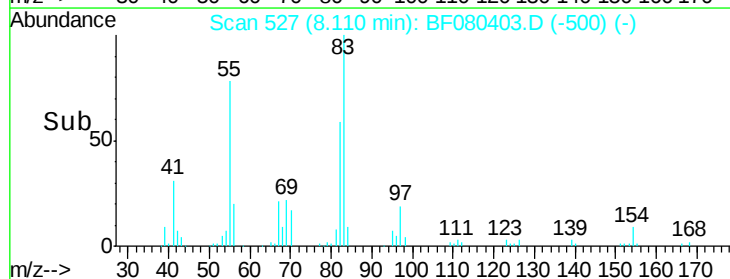
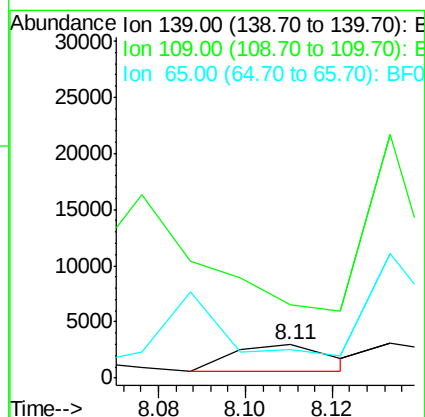
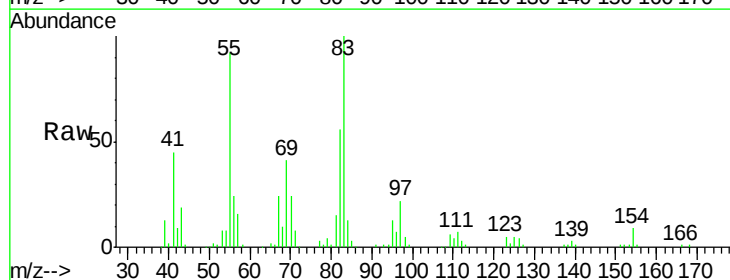
Tgt Ion: 139 Resp: 3800

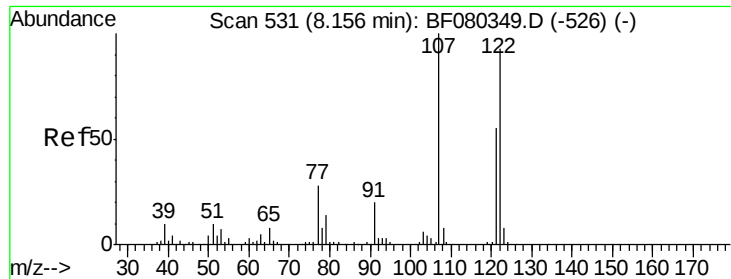
Ion Ratio Lower Upper

139 100

109 221.1 18.4 27.6#

65 84.6 26.7 40.1#

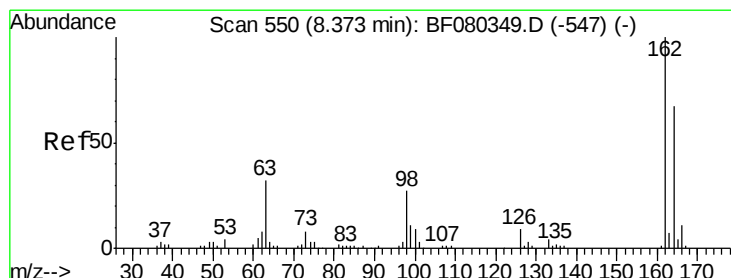
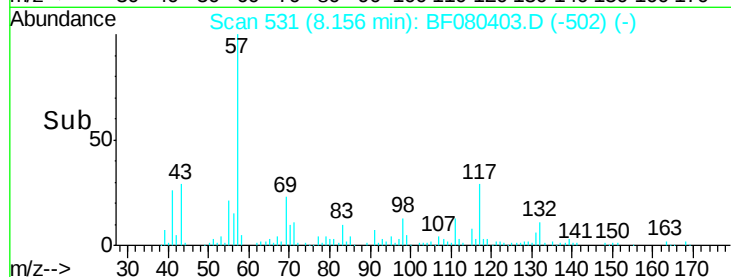
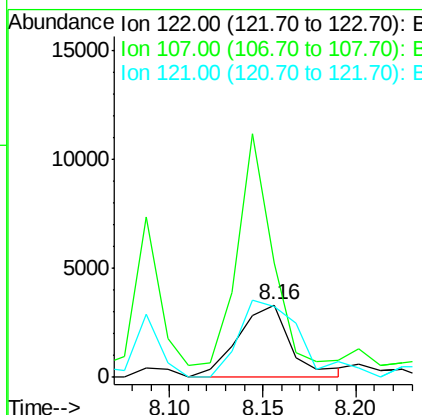
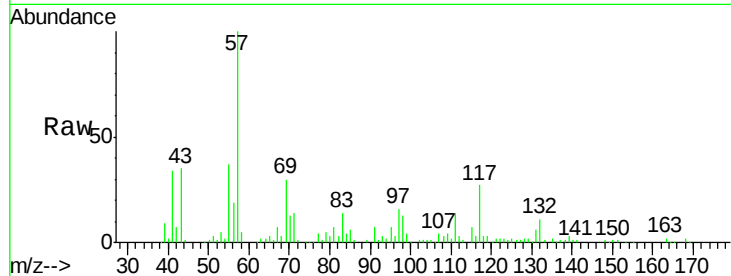




#27
2,4-Dimethylphenol
Concen: 3.70 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.03 min
Lab File: BF080403.D
Acq: 9 Jul 2015 16:18

Instrument :
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Tgt Ion:122 Resp: 6650
Ion Ratio Lower Upper
122 100
107 157.3 85.8 128.6#
121 97.4 46.9 70.3#



#29
2,4-Dichlorophenol
Concen: 2.75 ng
RT: 8.34 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF080403.D
Acq: 9 Jul 2015 16:18

Tgt Ion:162 Resp: 4388
Ion Ratio Lower Upper
162 100
164 0.0 47.0 87.0#
98 118.4 6.6 46.6#

