

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122816\
 Data File : BF092013.D
 Acq On : 28 Dec 2016 23:54
 Operator : UM/SJ
 Sample : H6238-06DL 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIT-001-COMPDL

Quant Time: Dec 29 00:43:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	203841	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	566917	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	295469	20.00	ng	0.01
63) Phenanthrene-d10	11.25	188	497485	20.00	ng	0.02
75) Chrysene-d12	13.86	240	368107	20.00	ng	-0.01
86) Perylene-d12	15.25	264	399375	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	891257	73.01	ng	-0.01
7) Phenol-d6	6.37	99	1149188	77.10	ng	-0.01
23) Nitrobenzene-d5	7.28	82	656047	64.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	143781	58.80	ng	0.02
44) 2-Fluorobiphenyl	9.09	172	929887	60.81	ng	0.01
78) Terphenyl-d14	12.82	244	763863	50.33	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.38	94	50298	2.96	ng	# 73
15) Benzyl Alcohol	6.86	79	31712	2.74	ng	# 42
18) Hexachloroethane	7.29	117	499654	89.32	ng	# 10
19) n-Nitroso-di-n-propylamine	7.14	70	62851	6.34	ng	# 64
22) Acetophenone	7.06	105	69285	4.95	ng	# 61
24) Nitrobenzene	7.25	77	139529	12.85	ng	# 35
25) Isophorone	7.53	82	238957	12.70	ng	# 1
26) 2-Nitrophenol	7.63	139	23225	4.34	ng	# 1
29) 2,4-Dichlorophenol	7.85	162	30221	4.02	ng	# 8
31) Naphthalene	8.00	128	173811	6.70	ng	# 1
32) Benzoic acid	7.79	122	24493	3.72	ng	# 18
35) Caprolactam	8.45	113	286575	115.95	ng	# 1
36) 4-Chloro-3-methylphenol	8.53	107	52651	6.08	ng	# 36
42) 2,4,6-Trichlorophenol	9.01	196	23682	4.54	ng	# 9
43) 2,4,5-Trichlorophenol	9.01	196	23682	4.41	ng	# 1
47) 2-Nitroaniline	9.32	65	13508	2.37	ng	# 1
48) Acenaphthylene	9.64	152	99133	4.02	ng	# 1
49) Dimethylphthalate	9.49	163	160902	8.51	ng	# 59
50) 2,6-Dinitrotoluene	9.55	165	23782	5.75	ng	# 1
51) Acenaphthene	9.80	154	221849	13.28	ng	# 80
52) 3-Nitroaniline	9.72	138	30268	5.91	ng	# 46
54) Dibenzofuran	9.97	168	169611	7.52	ng	# 1
55) 4-Nitrophenol	9.88	139	174723	50.27	ng	# 43
56) 2,4-Dinitrotoluene	9.98	165	73768	14.21	ng	# 58
57) Fluorene	10.32	166	434899	26.50	ng	# 73
61) 4-Nitroaniline	10.24	138	24307	4.58	ng	# 88
62) Azobenzene	10.48	77	58367	2.89	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.42	198	11619	3.86	ng	# 1
65) n-Nitrosodiphenylamine	10.44	169	800895	54.25	ng	# 48
68) Atrazine	10.98	200	46005	9.66	ng	# 36
70) Phenanthrene	11.28	178	1443055	53.49	ng	# 94
71) Anthracene	11.37	178	616376	21.71	ng	# 1
73) Di-n-butylphthalate	11.79	149	23753	Below Cal		# 1
74) Fluoranthene	12.45	202	139368	2.26	ng	# 92

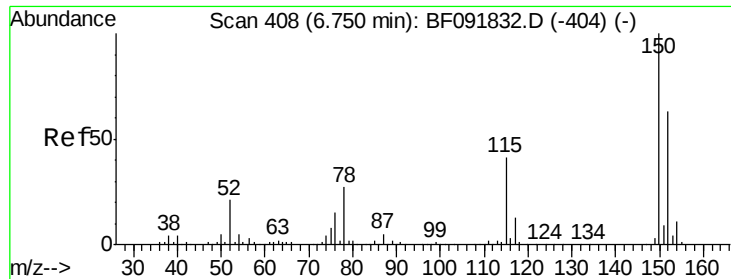
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122816\
Data File : BF092013.D
Acq On : 28 Dec 2016 23:54
Operator : UM/SJ
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) Benzidine	12.55	184	5617	Below Cal	#	1
77) Pyrene	12.67	202	384924	14.25 ng	#	88
80) Benzo(a)anthracene	13.88	228	95707	4.61 ng	#	69
82) Chrysene	13.88	228	94365	4.53 ng	#	75
88) Benzo(k)fluoranthene	14.87	252	42850	2.02 ng	#	82

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

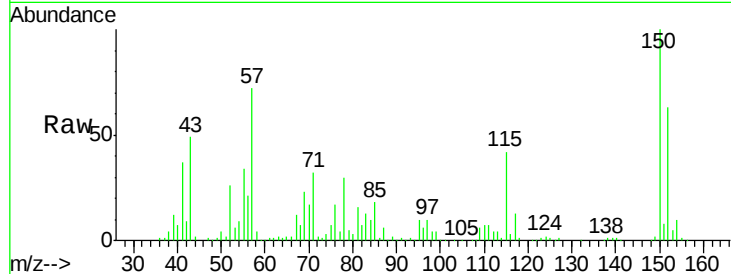


#1

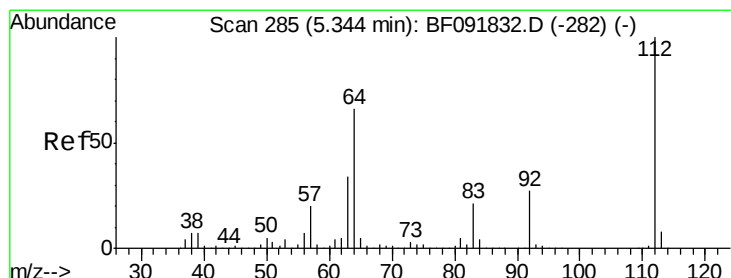
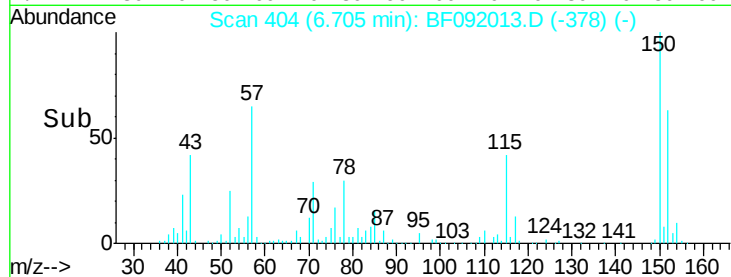
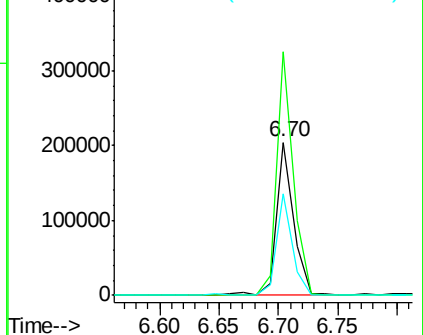
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF092013.D
 Acq: 28 Dec 2016 23:54

Instrument :
 BNA_F
 ClientSampleId :
 PIT-001-COMPDL

Tgt Ion:152 Resp: 203841
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.9 187.3
 115 66.5 46.0 69.0



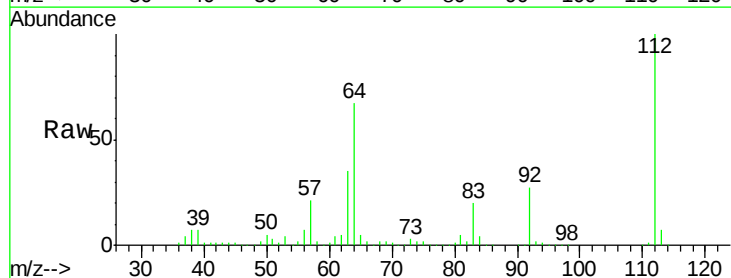
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



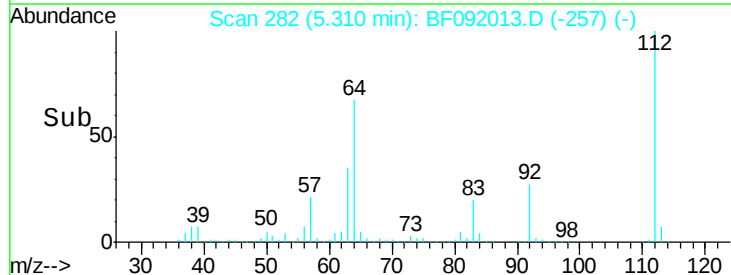
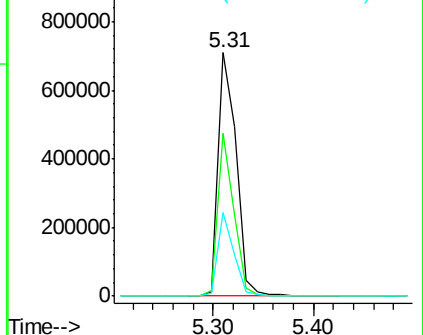
#5

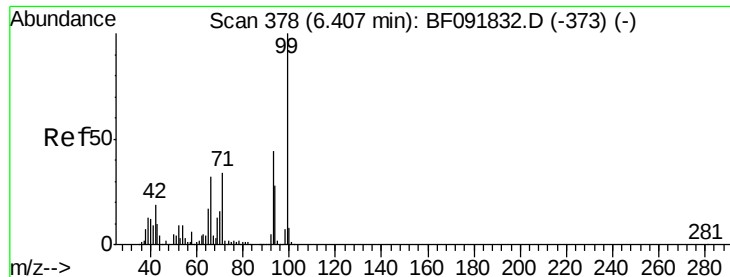
2-Fluorophenol
 Concen: 73.01 ng
 RT: 5.31 min Scan# 282
 Delta R.T. -0.01 min
 Lab File: BF092013.D
 Acq: 28 Dec 2016 23:54

Tgt Ion:112 Resp: 891257
 Ion Ratio Lower Upper
 112 100
 64 67.1 46.1 69.1
 63 34.5 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: 77.10 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF092013.D

Acq: 28 Dec 2016 23:54

Instrument :

BNA_F

ClientSampleId :

PIT-001-COMPDL

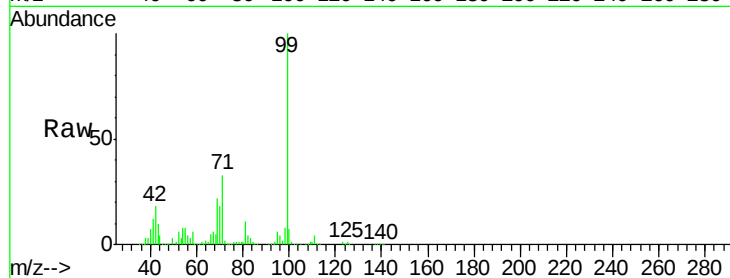
Tgt Ion: 99 Resp: 1149188

Ion Ratio Lower Upper

99 100

42 18.2 15.6 23.4

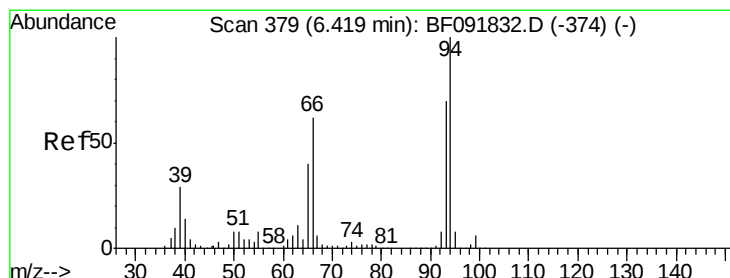
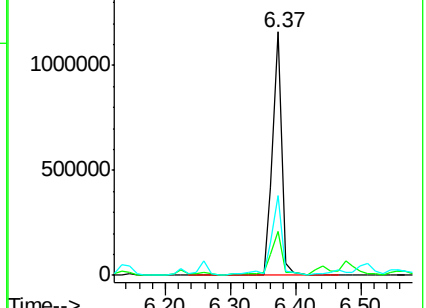
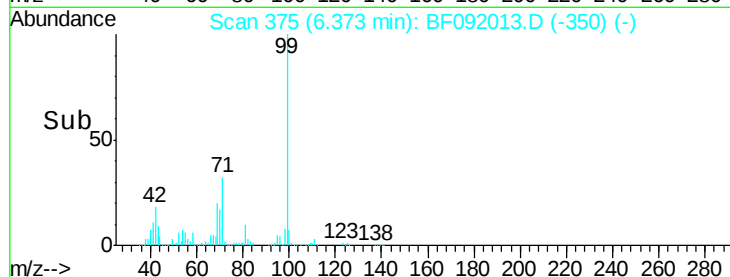
71 32.9 27.5 41.3



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: 2.96 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF092013.D

Acq: 28 Dec 2016 23:54

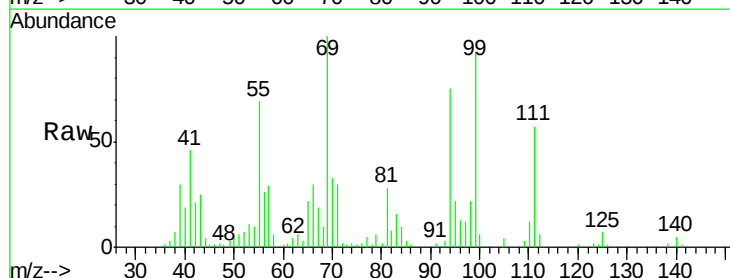
Tgt Ion: 94 Resp: 50298

Ion Ratio Lower Upper

94 100

65 28.9 21.4 61.4

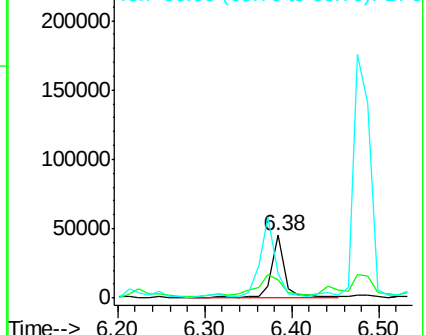
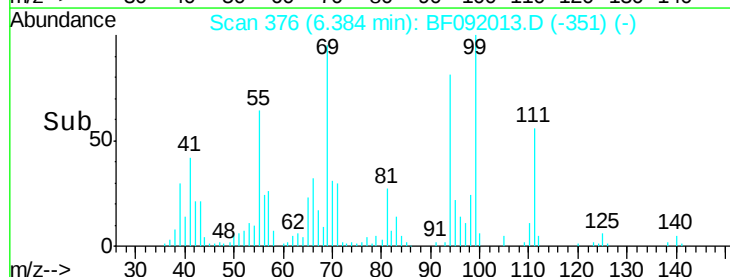
66 39.2 44.0 84.0#

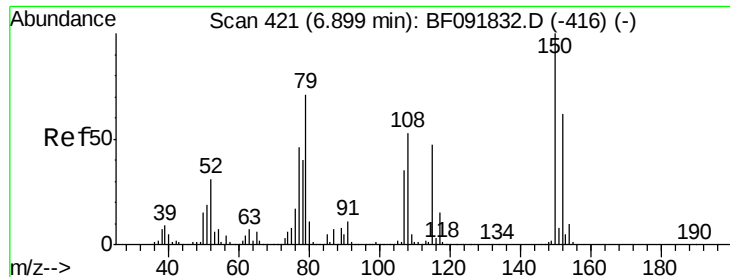


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.74 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF092013.D

Acq: 28 Dec 2016 23:54

Instrument :

BNA_F

ClientSampleId :

PIT-001-COMPDL

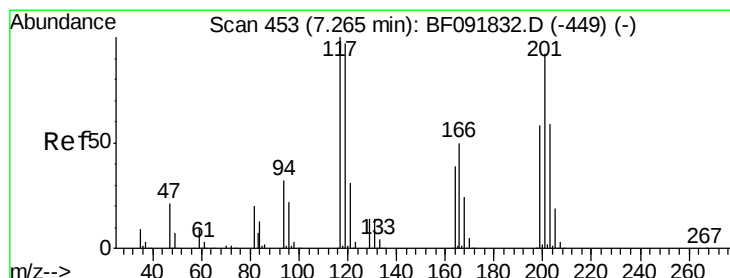
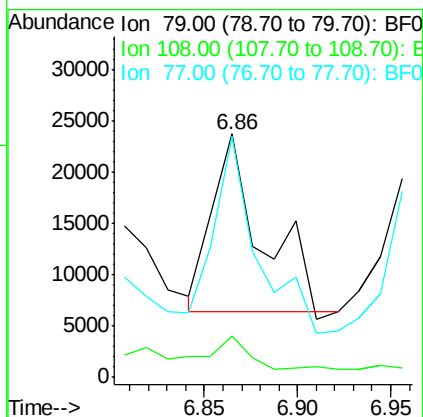
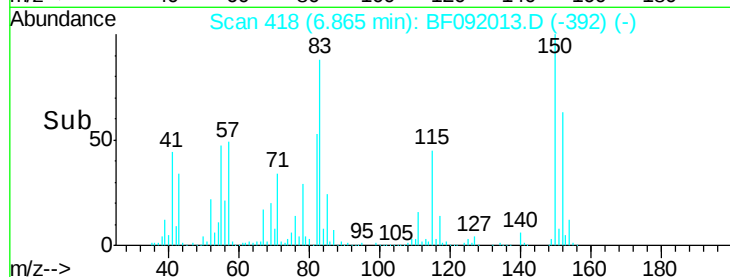
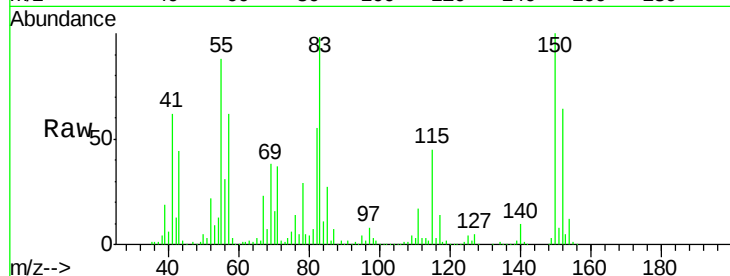
Tgt Ion: 79 Resp: 31712

Ion Ratio Lower Upper

79 100

108 16.8 61.4 92.0#

77 98.8 50.9 76.3#



#18

Hexachloroethane

Concen: 89.32 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.07 min

Lab File: BF092013.D

Acq: 28 Dec 2016 23:54

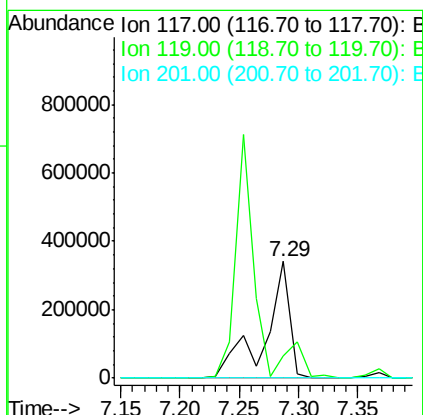
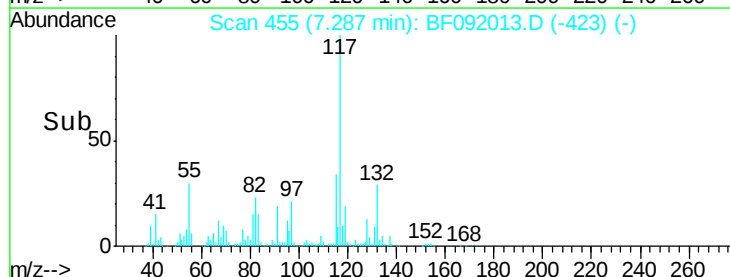
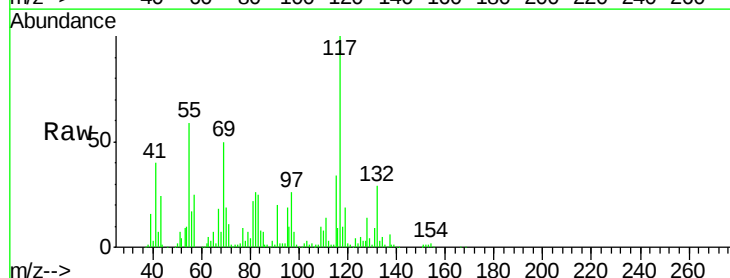
Tgt Ion: 117 Resp: 499654

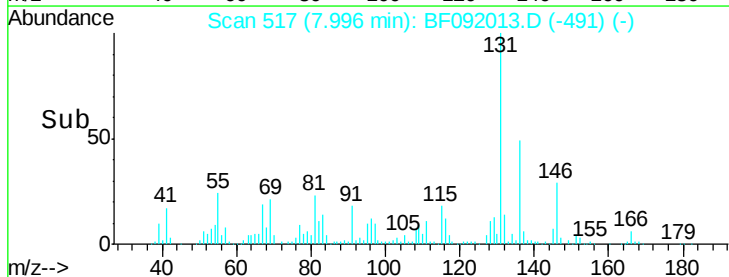
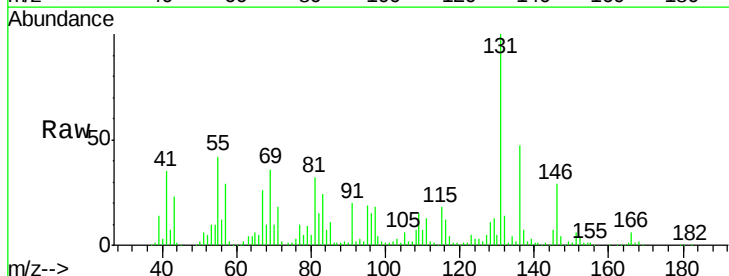
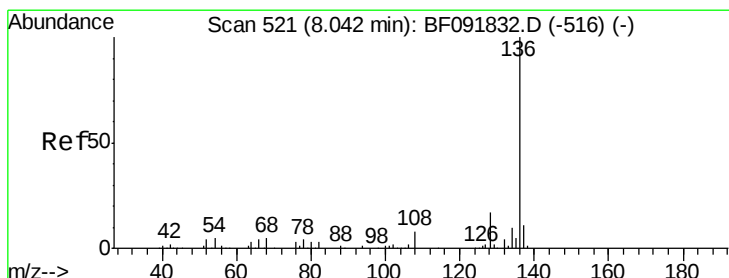
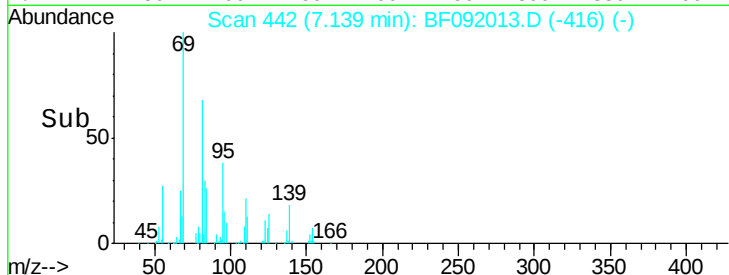
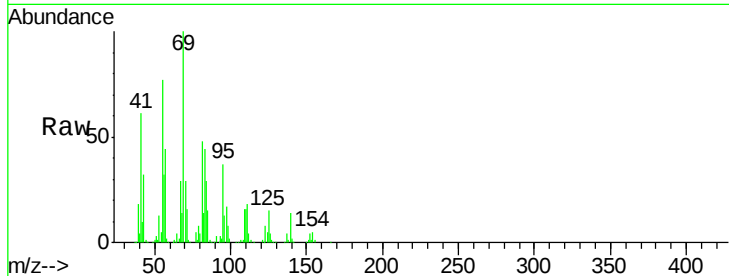
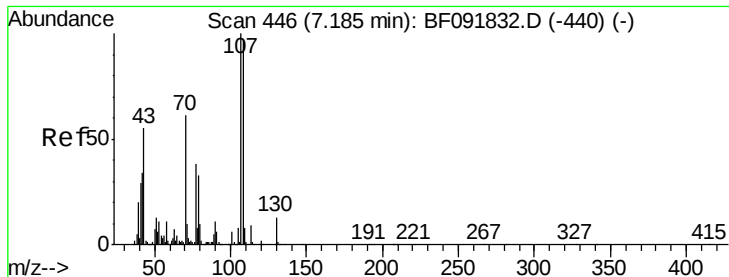
Ion Ratio Lower Upper

117 100

119 18.9 78.1 117.1#

201 0.0 78.6 117.8#

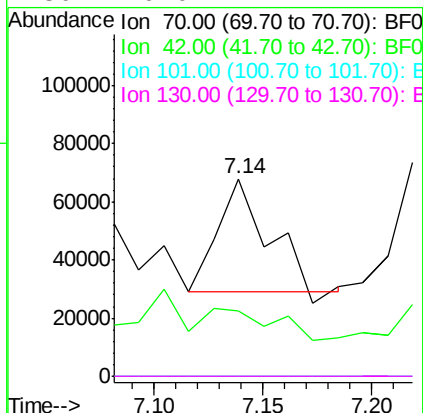




#19
n-Nitroso-di-n-propylamine
Concen: 6.34 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF092013.D
Acq: 28 Dec 2016 23:54

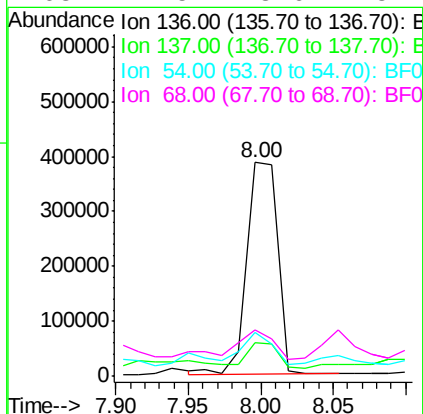
Instrument :
BNA_F
ClientSampleId :
PIT-001-COMPDL

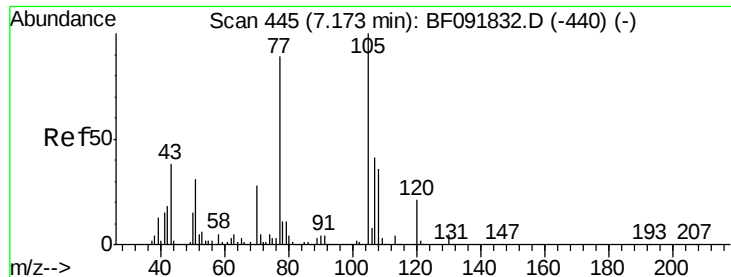
Tgt Ion:	70	Resp:	62851
Ion	Ratio	Lower	Upper
70	100		
42	33.3	49.4	74.0#
101	0.0	7.4	11.2#
130	0.0	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF092013.D
Acq: 28 Dec 2016 23:54

Tgt Ion:	136	Resp:	566917
Ion	Ratio	Lower	Upper
136	100		
137	15.6	8.4	12.6#
54	20.3	4.5	6.7#
68	21.5	3.6	5.4#





#22

Acetophenone

Concen: 4.95 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.07 min

Lab File: BF092013.D

Acq: 28 Dec 2016 23:54

Instrument :

BNA_F

ClientSampleId :

PIT-001-COMPDL

Tgt Ion:105 Resp: 69285

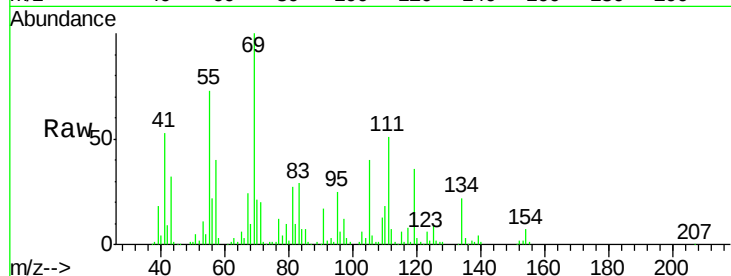
Ion Ratio Lower Upper

105 100

71 49.1 3.2 4.8#

51 12.9 26.2 39.4#

120 8.2 16.6 24.8#



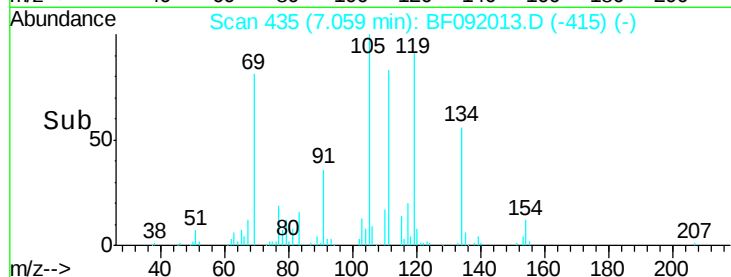
Abundance Ion 105.00 (104.70 to 105.70): E

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

Time-->



Abundance

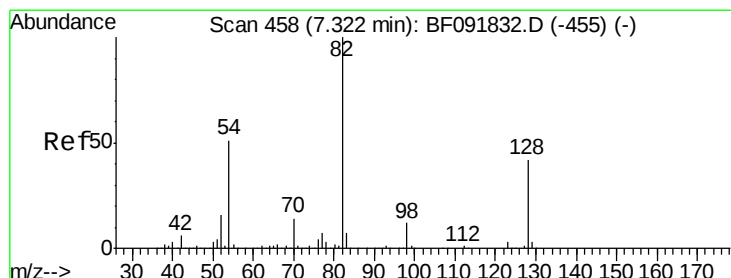
Ion 105.00 (104.70 to 105.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 64.35 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF092013.D

Acq: 28 Dec 2016 23:54

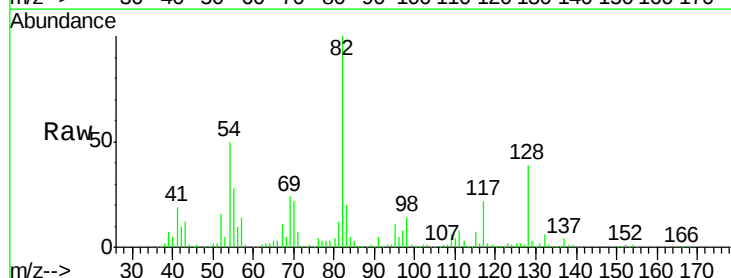
Tgt Ion: 82 Resp: 656047

Ion Ratio Lower Upper

82 100

128 38.8 34.6 52.0

54 50.5 39.5 59.3

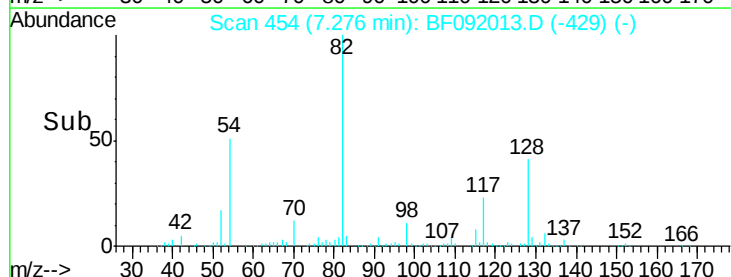


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->



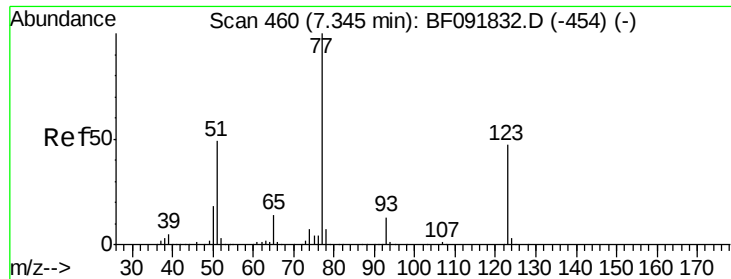
Abundance

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

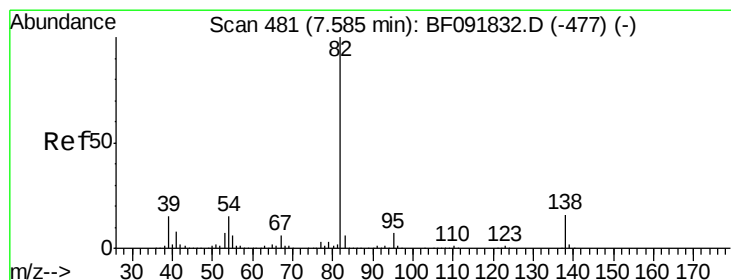
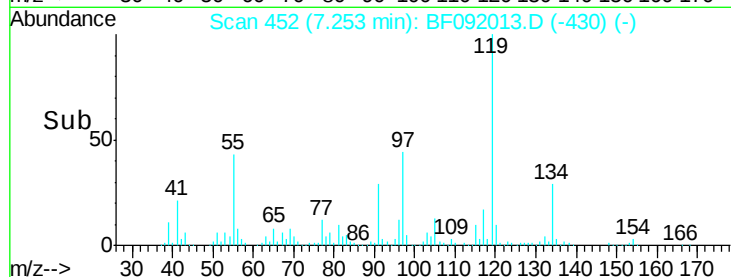
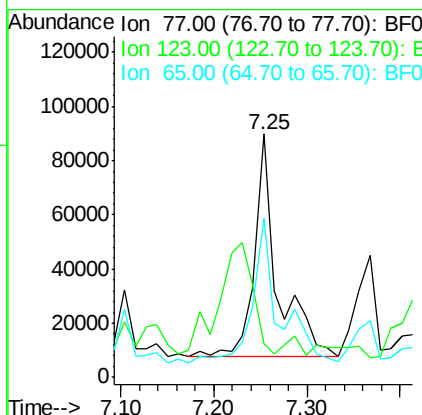
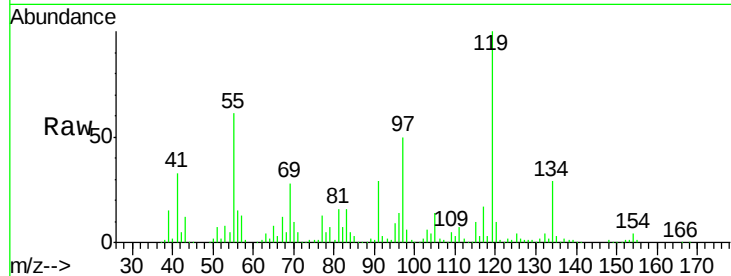
Time-->



#24
 Nitrobenzene
 Concen: 12.85 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.05 min
 Lab File: BF092013.D
 Acq: 28 Dec 2016 23:54

Instrument :
 BNA_F
 ClientSampleId :
 PIT-001-COMPDL

Tgt Ion: 77 Resp: 139529
 Ion Ratio Lower Upper
 77 100
 123 13.8 33.0 49.4#
 65 65.5 11.2 16.8#



#25
 Isophorone
 Concen: 12.70 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.02 min
 Lab File: BF092013.D
 Acq: 28 Dec 2016 23:54

Tgt Ion: 82 Resp: 238957
 Ion Ratio Lower Upper
 82 100
 95 170.0 5.6 8.4#
 138 9.1 14.6 22.0#

