

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122816\
 Data File : BF092000.D
 Acq On : 28 Dec 2016 17:56
 Operator : UM/SJ
 Sample : H6238-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIT-001-COMP

Quant Time: Dec 29 00:40:17 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	206545	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	765938	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	422520	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	683801	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	615021	20.00	ng	-0.01
86) Perylene-d12	15.24	264	424914	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	1494771	120.84	ng	0.01
7) Phenol-d6	6.37	99	1762646	116.71	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1388271	100.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	477849	136.66	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	2059055	102.51	ng	-0.01
78) Terphenyl-d14	12.82	244	2274041	89.67	ng	0.00

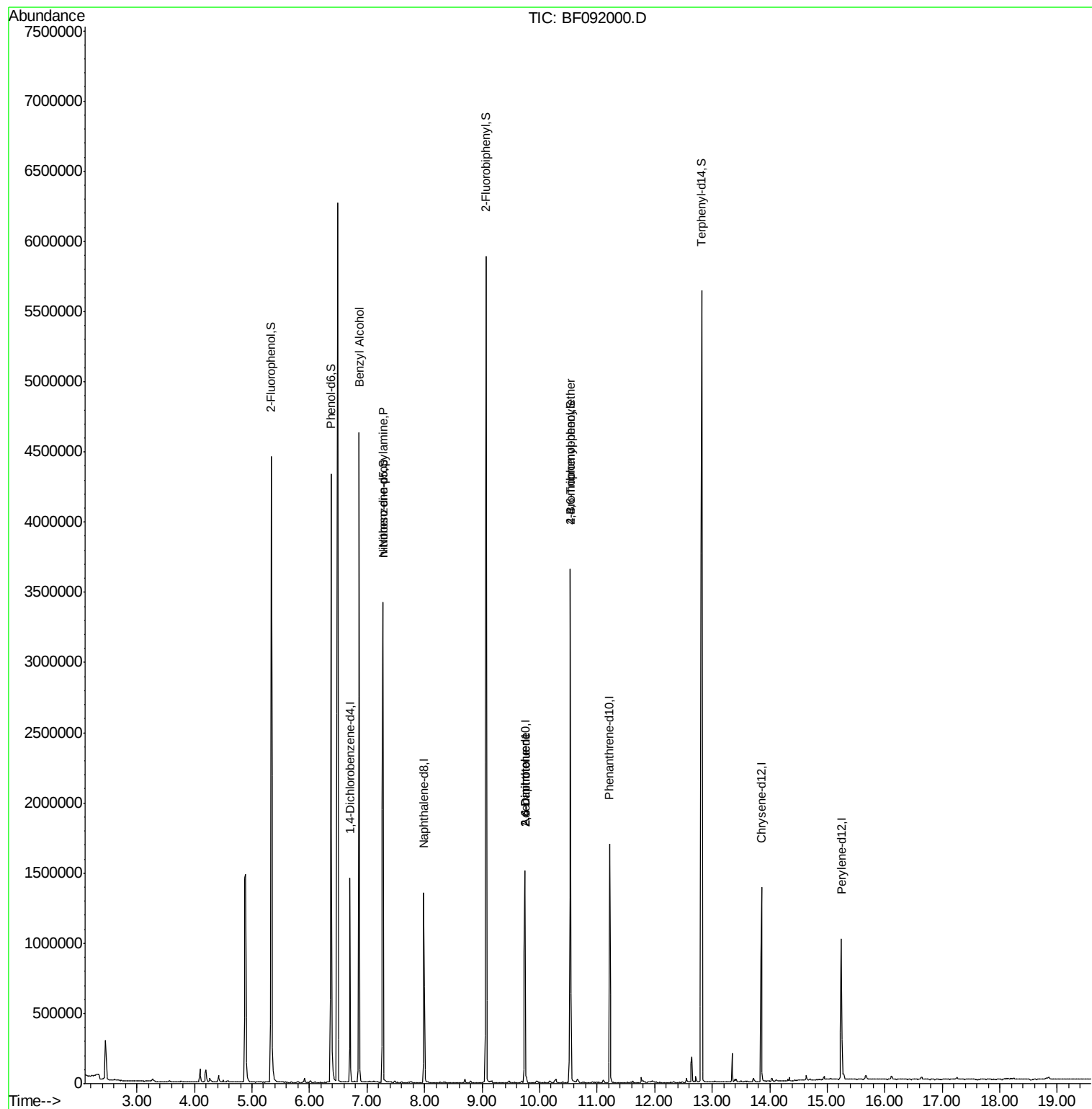
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.86	79	25415	2.17	ng	# 26
19) n-Nitroso-di-n-propylamine	7.28	70	188703	18.78	ng	# 76
37) 2-Methylnaphthalene	8.70	142	7901	Below Cal		99
50) 2,6-Dinitrotoluene	9.74	165	54712	9.25	ng	# 30
56) 2,4-Dinitrotoluene	9.74	165	54712	7.37	ng	# 19
66) 4-Bromophenyl-phenylether	10.53	248	29825	4.19	ng	# 1
71) Anthracene	11.24	178	10726	Below Cal		98
73) Di-n-butylphthalate	11.79	149	5778	Below Cal	#	96
74) Fluoranthene	12.43	202	647	Below Cal		61

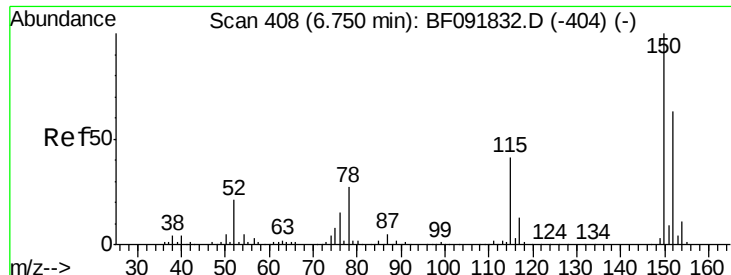
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092000.D

Acq: 28 Dec 2016 17:56

Instrument :

BNA_F

ClientSampleId :

PIT-001-COMP

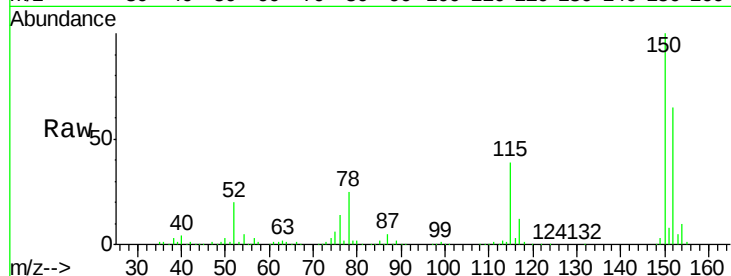
Tgt Ion:152 Resp: 206545

Ion Ratio Lower Upper

152 100

150 154.8 124.9 187.3

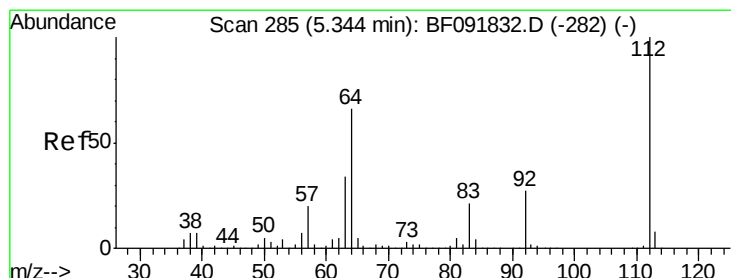
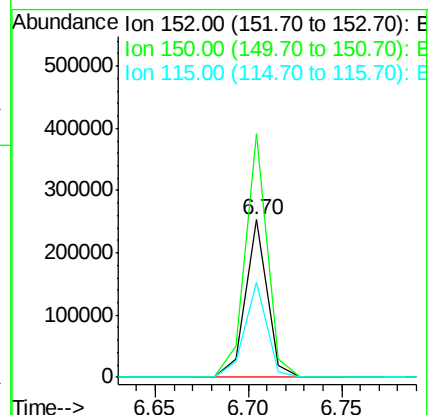
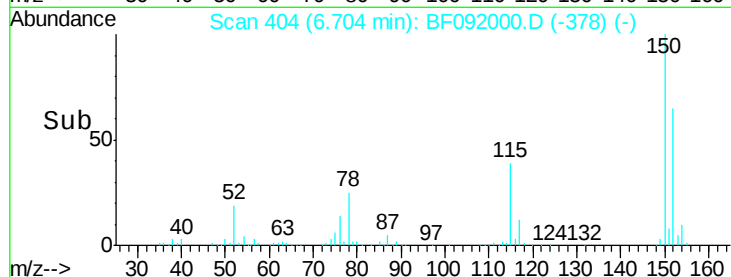
115 60.3 46.0 69.0



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: 120.84 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.01 min

Lab File: BF092000.D

Acq: 28 Dec 2016 17:56

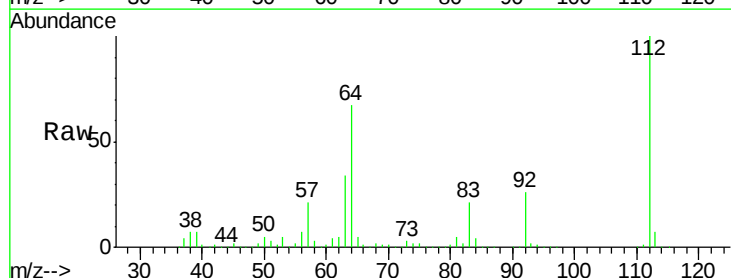
Tgt Ion:112 Resp: 1494771

Ion Ratio Lower Upper

112 100

64 67.2 46.1 69.1

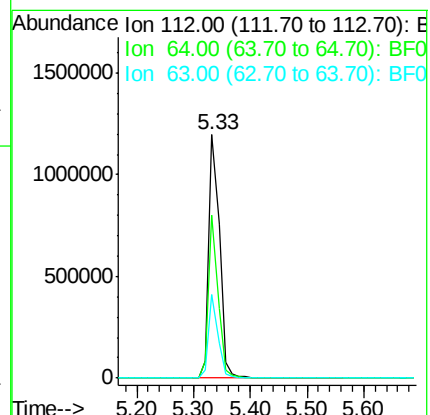
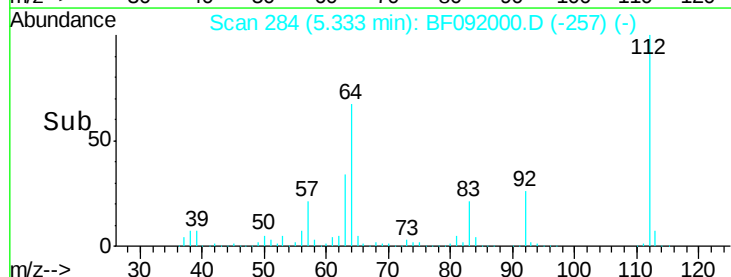
63 34.5 23.8 35.6



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: 116.71 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF092000.D

Acq: 28 Dec 2016 17:56

Instrument :

BNA_F

ClientSampleId :

PIT-001-COMP

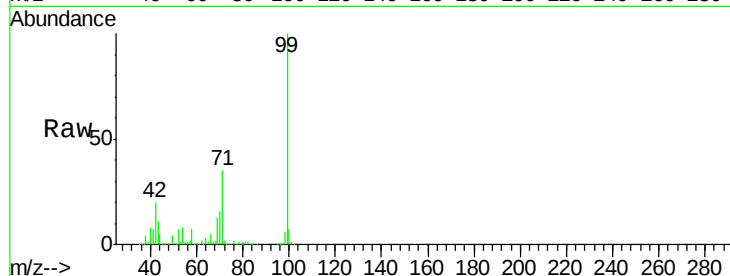
Tgt Ion: 99 Resp: 1762646

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

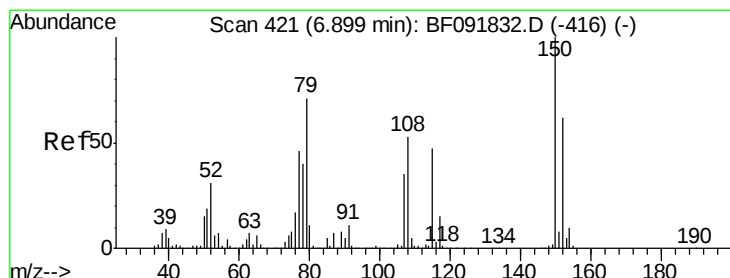
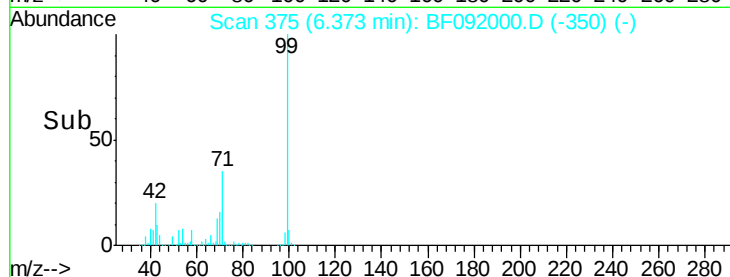
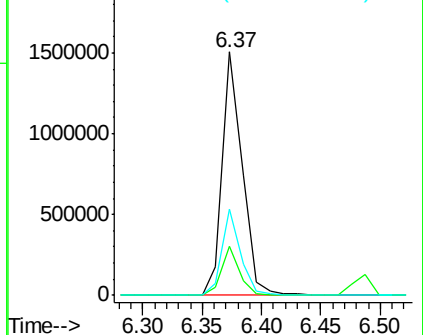
71 35.4 27.5 41.3



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



#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092000.D

Acq: 28 Dec 2016 17:56

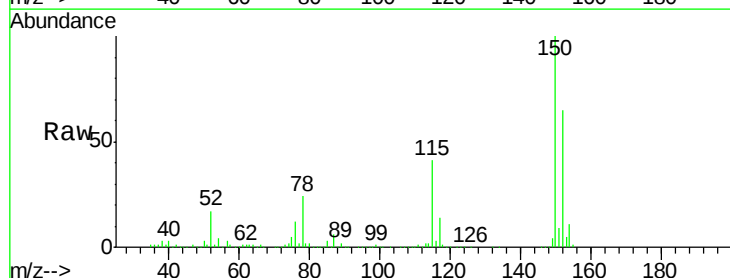
Tgt Ion: 79 Resp: 25415

Ion Ratio Lower Upper

79 100

108 29.9 61.4 92.0#

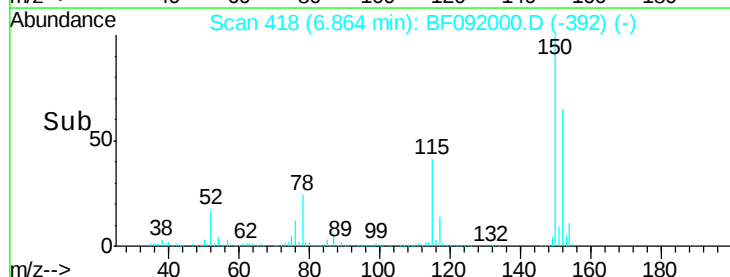
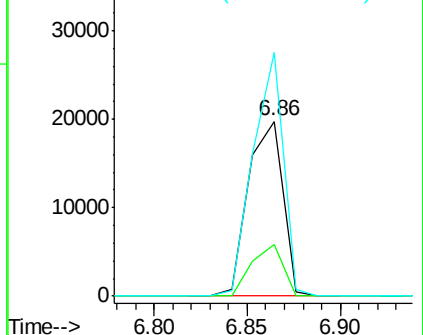
77 139.2 50.9 76.3#

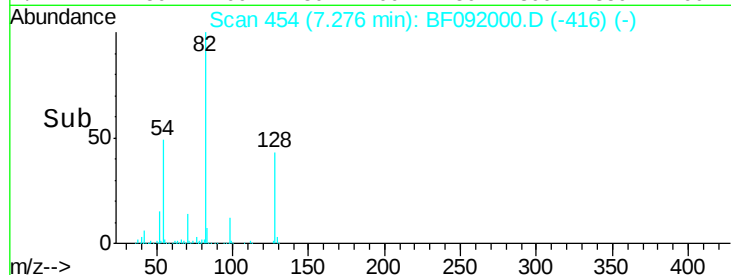
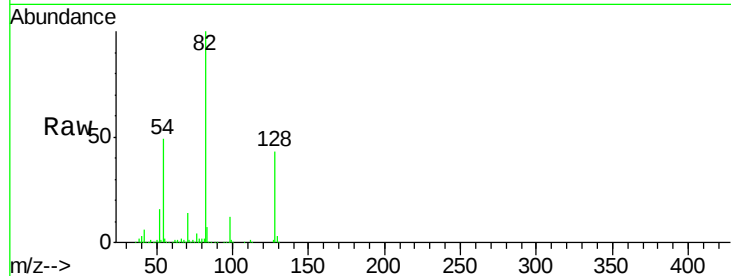


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

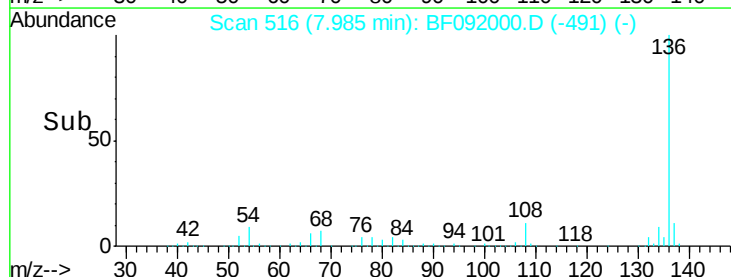
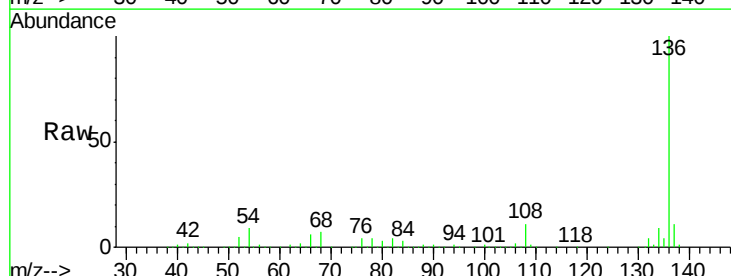
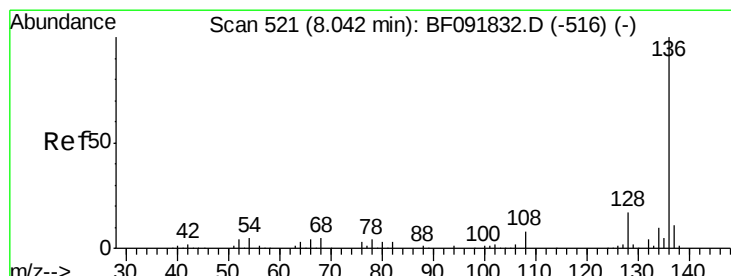
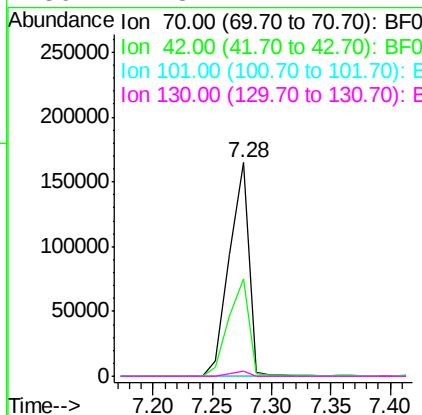




#19
n-Nitroso-di-n-propylamine
Concen: 18.78 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.14 min
Lab File: BF092000.D
Acq: 28 Dec 2016 17:56

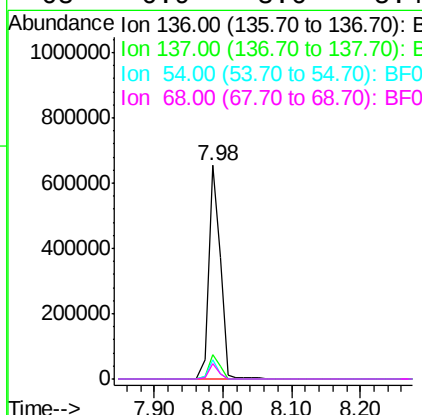
Instrument :
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PIT-001-COMP

Tgt Ion:	70	Resp:	188703
Ion	Ratio	Lower	Upper
70	100		
42	45.7	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: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF092000.D
Acq: 28 Dec 2016 17:56

Tgt Ion:	136	Resp:	765938
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	8.8	4.5	6.7#
68	6.9	3.6	5.4#

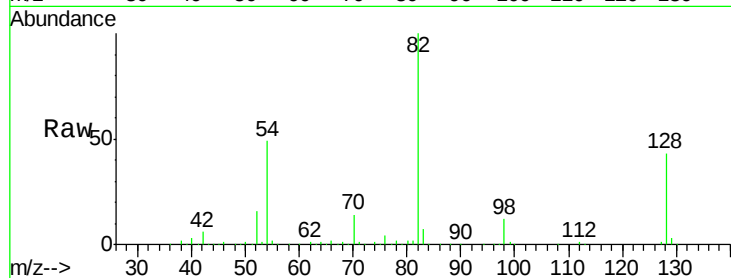




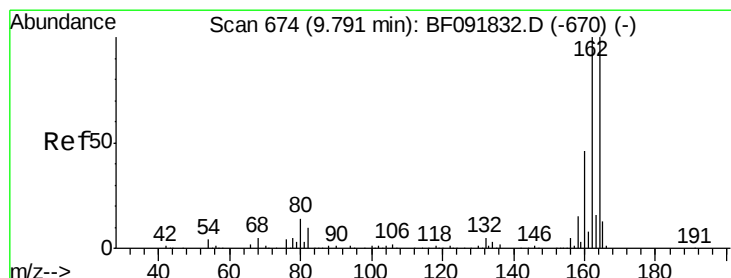
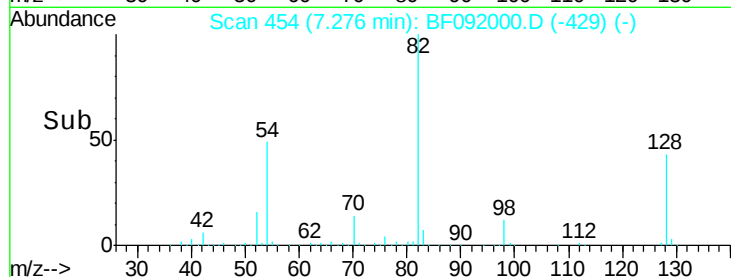
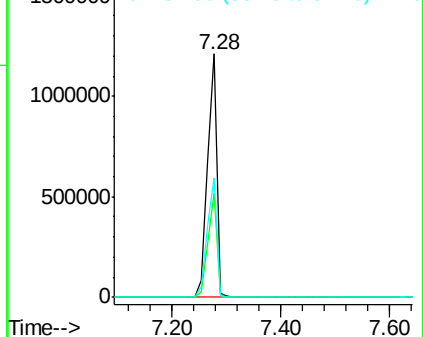
#23
 Nitrobenzene-d5
 Concen: 100.79 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF092000.D
 Acq: 28 Dec 2016 17:56

Instrument :
 BNA_F
 ClientSampleId :
 PIT-001-COMP

Tgt Ion: 82 Resp: 1388271
 Ion Ratio Lower Upper
 82 100
 128 42.8 34.6 52.0
 54 49.1 39.5 59.3

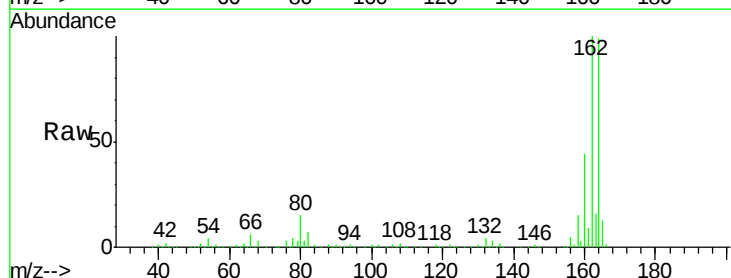


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

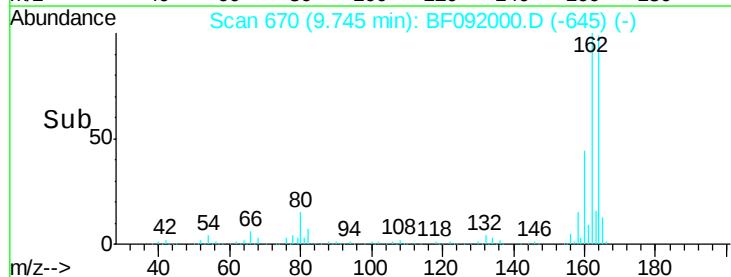
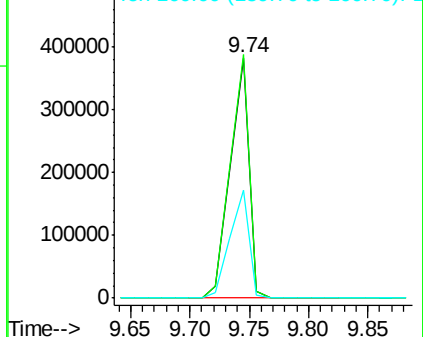


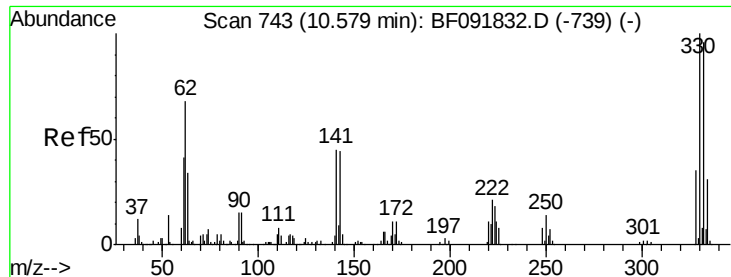
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF092000.D
 Acq: 28 Dec 2016 17:56

Tgt Ion: 164 Resp: 422520
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.2 120.2
 160 45.0 36.9 55.3



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

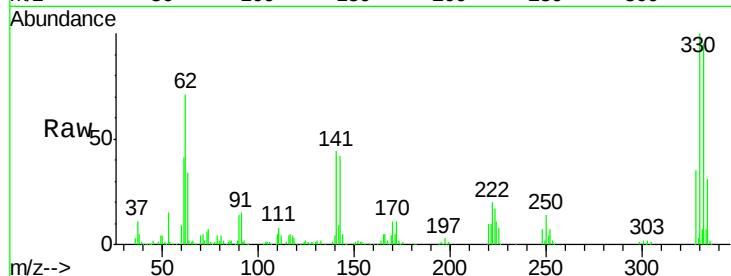




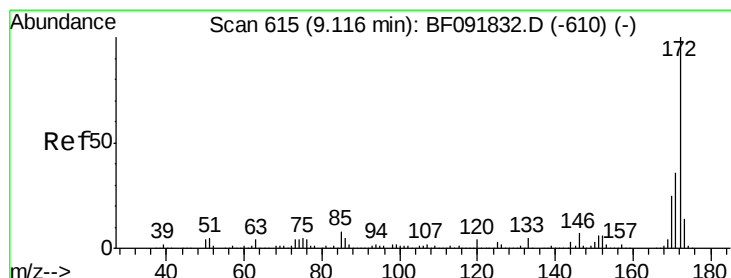
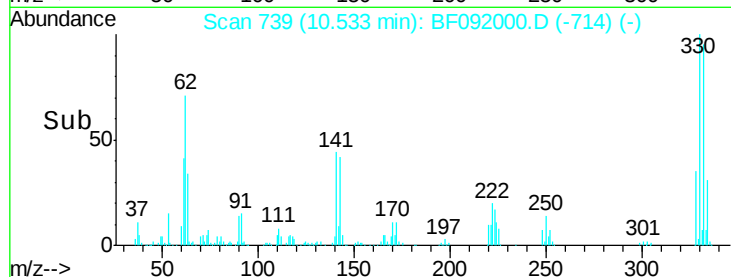
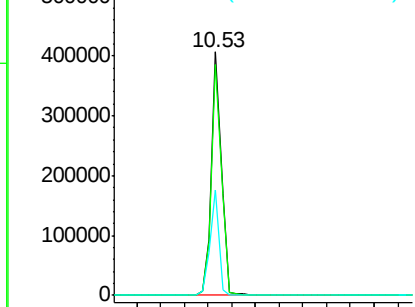
#41
 2,4,6-Tribromophenol
 Concen: 136.66 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF092000.D
 Acq: 28 Dec 2016 17:56

Instrument :
 BNA_F
 ClientSampleId :
 PIT-001-COMP

Tgt Ion:330 Resp: 477849
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.4 116.2
 141 38.8 34.1 51.1

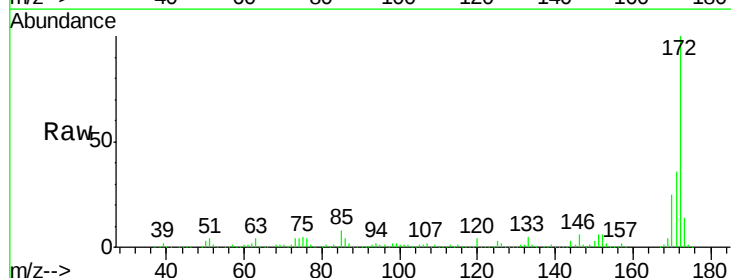


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 102.51 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF092000.D
 Acq: 28 Dec 2016 17:56

Tgt Ion:172 Resp: 2059055
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.5 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

