

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122816\
 Data File : BF092009.D
 Acq On : 28 Dec 2016 22:05
 Operator : UM/SJ
 Sample : H6281-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Dec 29 00:42:08 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	200463	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	942376	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	487649	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	702848	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	563224	20.00	ng	-0.01
86) Perylene-d12	15.24	264	386144	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	842261	70.15	ng	0.00
7) Phenol-d6	6.37	99	653516	44.58	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1657937	97.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	562441	139.37	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	2634032	115.27	ng	-0.01
78) Terphenyl-d14	12.82	244	2189570	94.28	ng	0.00

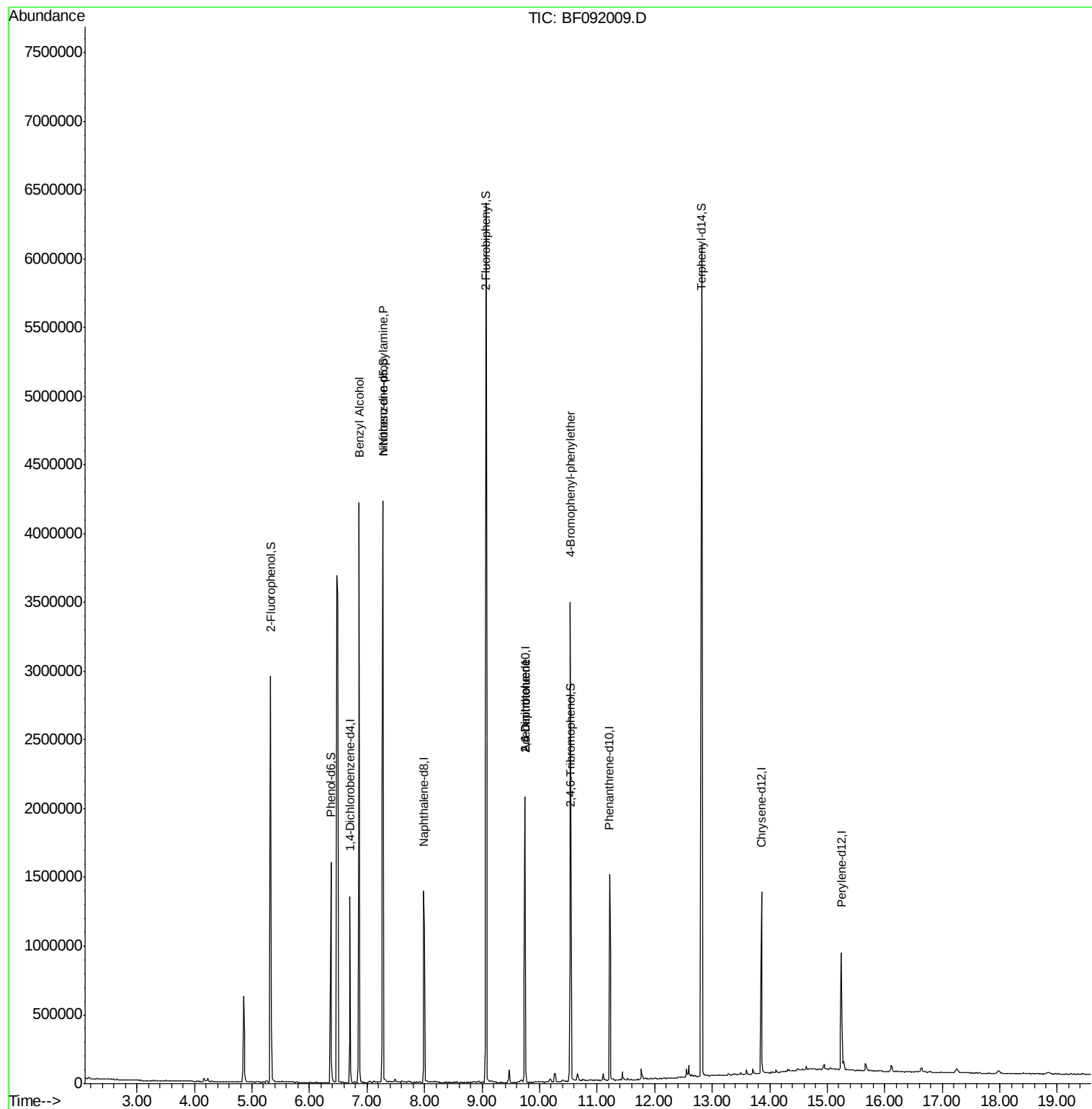
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.37	77	1147	Below Cal	#	1
15) Benzyl Alcohol	6.86	79	23498	2.06	ng	31
19) n-Nitroso-di-n-propylamine	7.28	70	225576	23.13	ng	76
50) 2,6-Dinitrotoluene	9.74	165	63394	9.29	ng	30
56) 2,4-Dinitrotoluene	9.74	165	63385	7.40	ng	19
66) 4-Bromophenyl-phenylether	10.53	248	33618	4.60	ng	1
71) Anthracene	11.30	178	405	Below Cal	#	59
73) Di-n-butylphthalate	11.80	149	7132	Below Cal	#	94
74) Fluoranthene	12.67	202	797	Below Cal		61

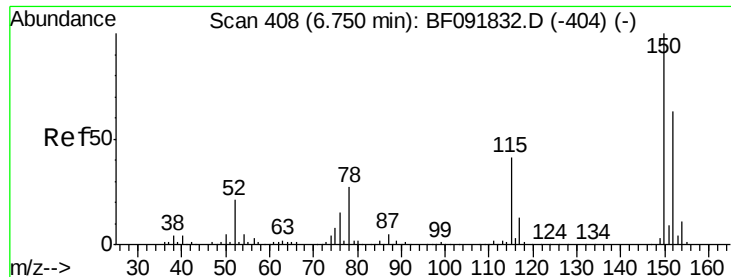
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092009.D

Acq: 28 Dec 2016 22:05

Instrument :

BNA_F

ClientSampleId :

MW-1

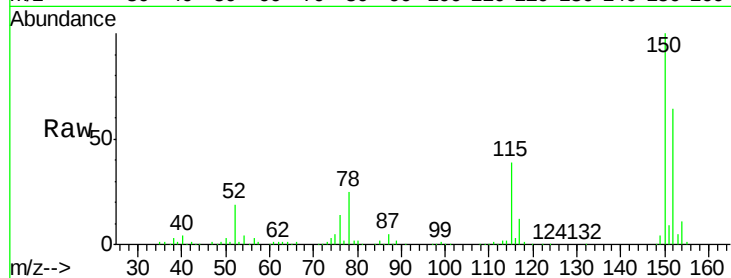
Tgt Ion:152 Resp: 200463

Ion Ratio Lower Upper

152 100

150 155.9 124.9 187.3

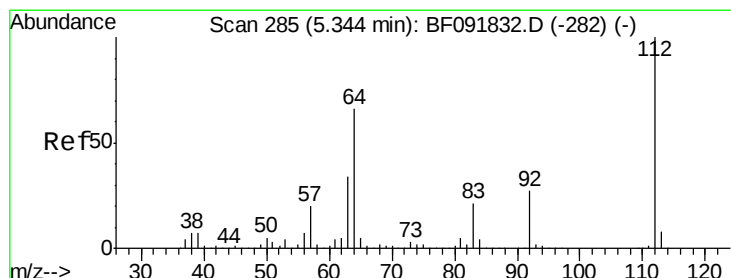
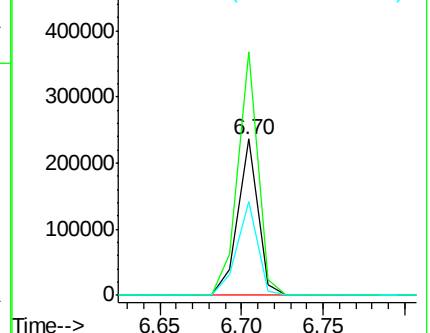
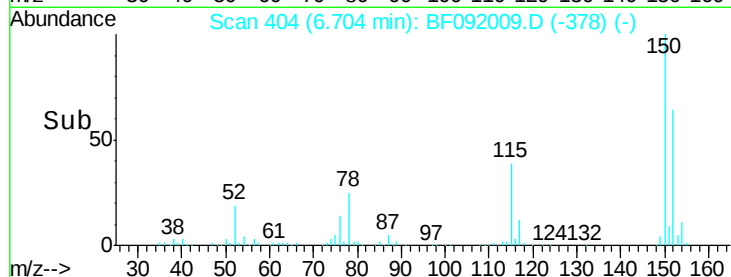
115 60.4 46.0 69.0



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: 70.15 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.00 min

Lab File: BF092009.D

Acq: 28 Dec 2016 22:05

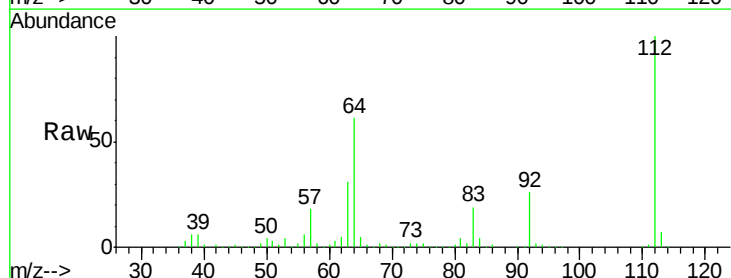
Tgt Ion:112 Resp: 842261

Ion Ratio Lower Upper

112 100

64 60.6 46.1 69.1

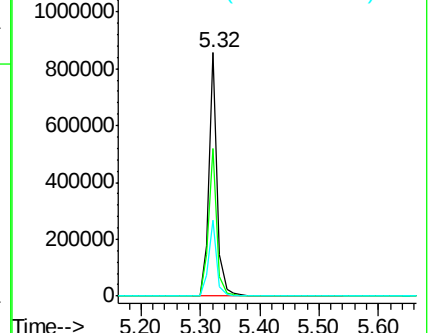
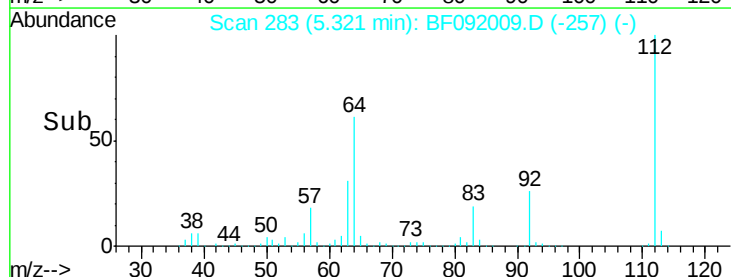
63 31.0 23.8 35.6



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: 44.58 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF092009.D

Acq: 28 Dec 2016 22:05

Instrument :

BNA_F

ClientSampleId :

MW-1

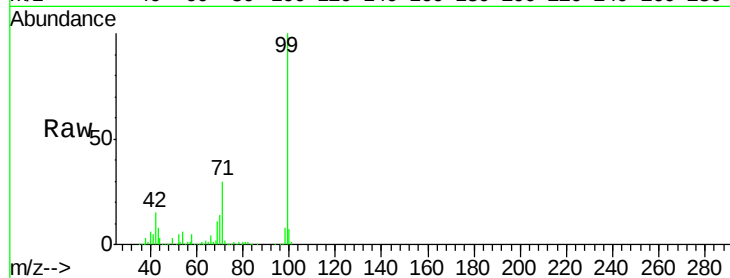
Tgt Ion: 99 Resp: 653516

Ion Ratio Lower Upper

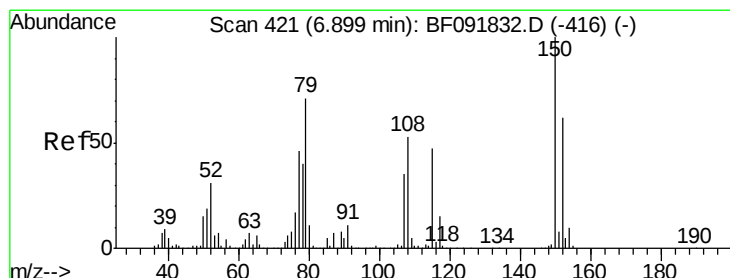
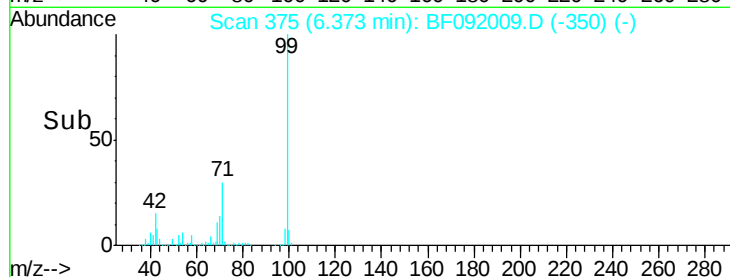
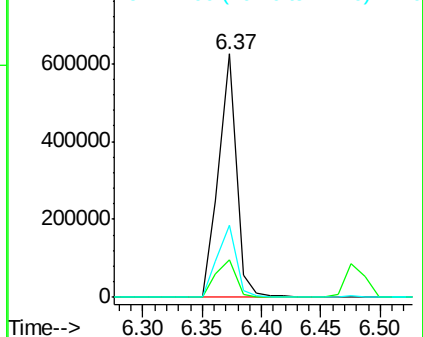
99 100

42 15.5 15.6 23.4#

71 29.7 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: 2.06 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092009.D

Acq: 28 Dec 2016 22:05

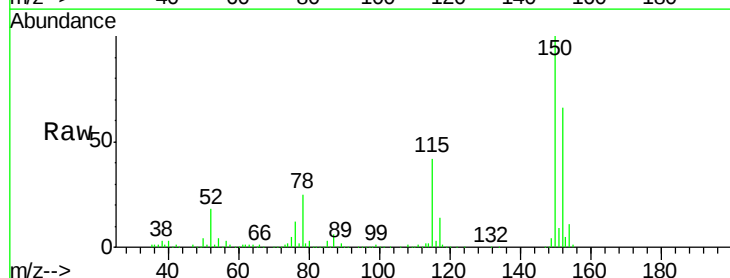
Tgt Ion: 79 Resp: 23498

Ion Ratio Lower Upper

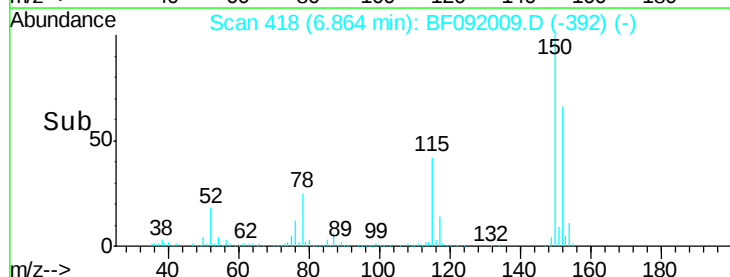
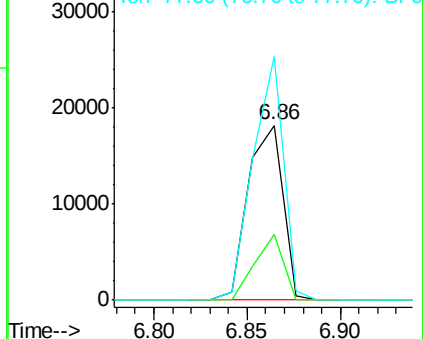
79 100

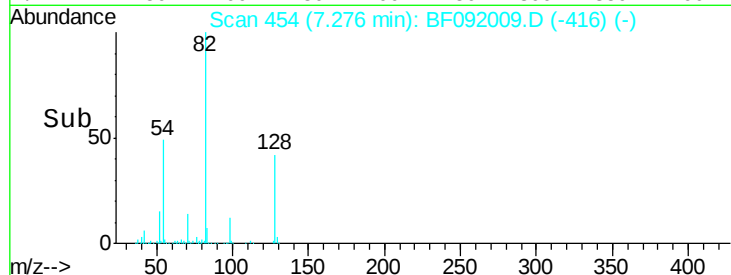
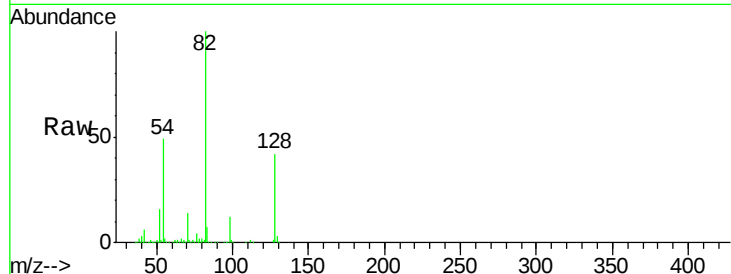
108 37.3 61.4 92.0#

77 139.3 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

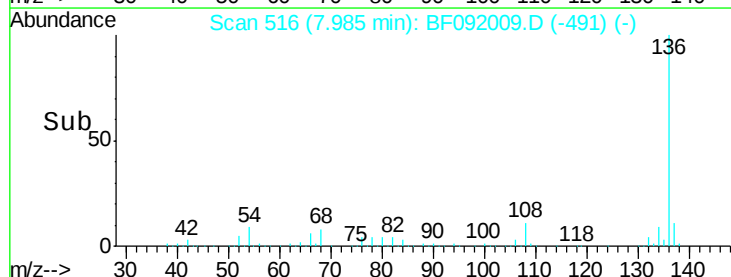
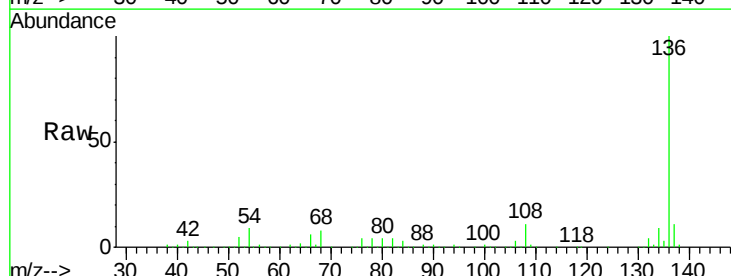
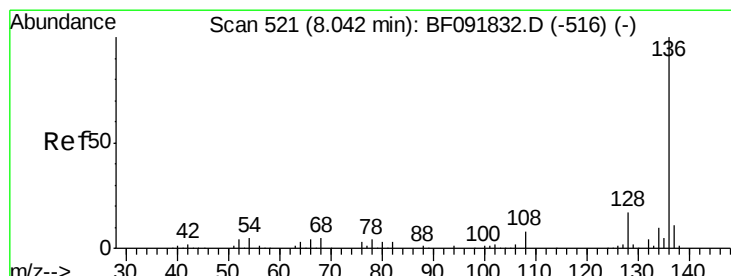
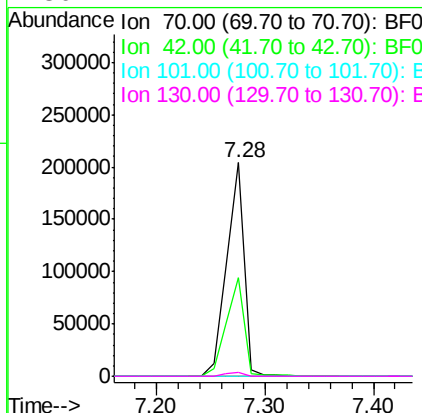




#19
n-Nitroso-di-n-propylamine
Concen: 23.13 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.14 min
Lab File: BF092009.D
Acq: 28 Dec 2016 22:05

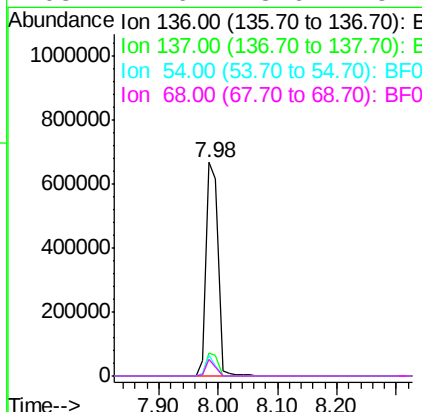
Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:	70	Resp:	225576
Ion	Ratio	Lower	Upper
70	100		
42	46.2	49.4	74.0#
101	0.0	7.4	11.2#
130	2.1	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: BF092009.D
Acq: 28 Dec 2016 22:05

Tgt Ion:	136	Resp:	942376
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.4	4.5	6.7#
68	7.6	3.6	5.4#

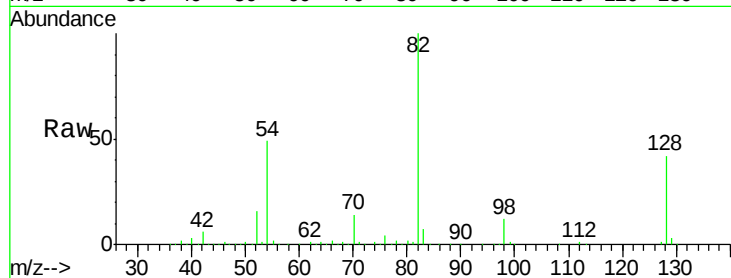




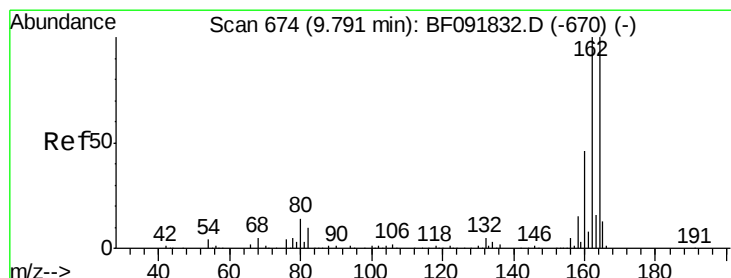
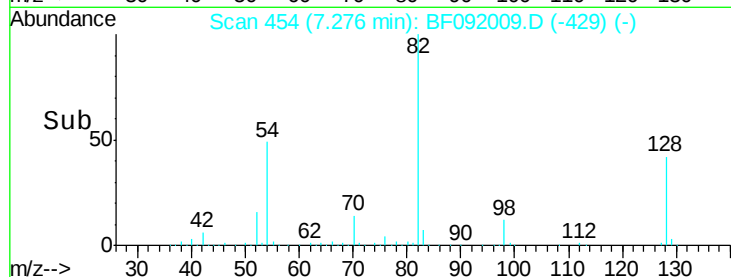
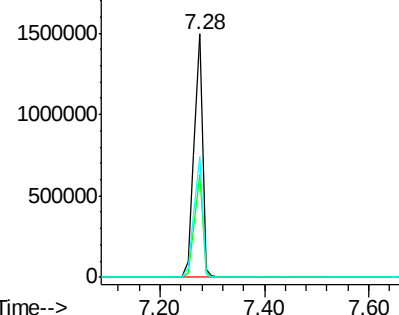
#23
Nitrobenzene-d5
Concen: 97.83 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF092009.D
Acq: 28 Dec 2016 22:05

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 82 Resp: 1657937
Ion Ratio Lower Upper
82 100
128 42.3 34.6 52.0
54 49.4 39.5 59.3

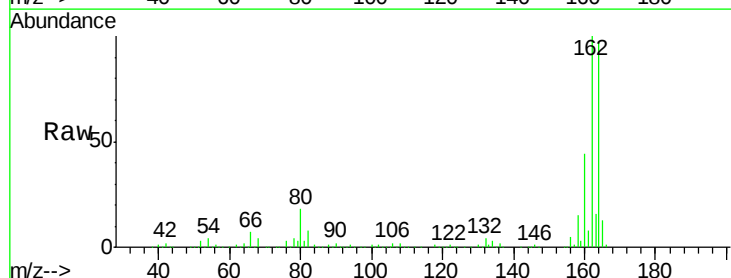


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

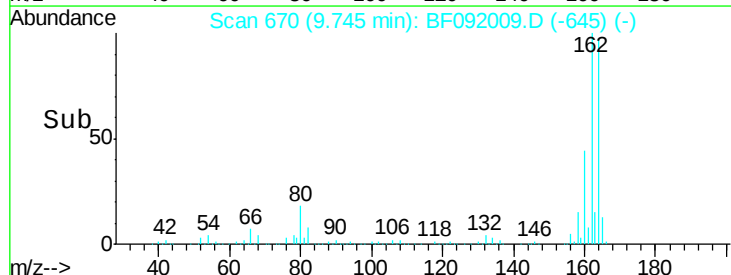
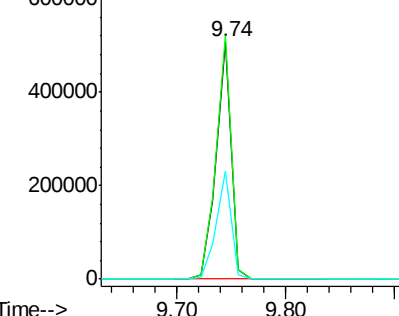


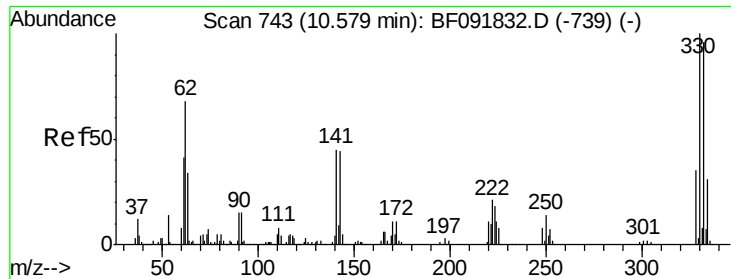
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092009.D
Acq: 28 Dec 2016 22:05

Tgt Ion: 164 Resp: 487649
Ion Ratio Lower Upper
164 100
162 102.6 80.2 120.2
160 45.5 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

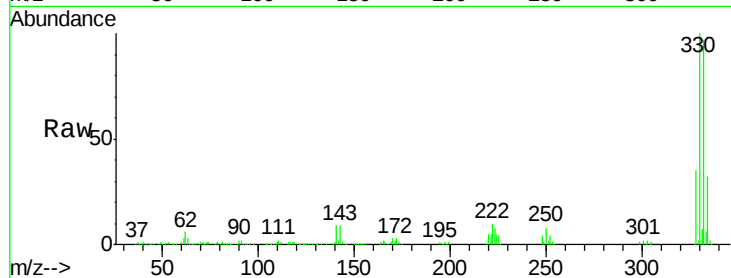




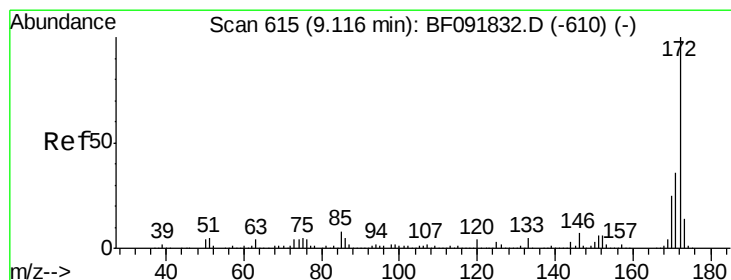
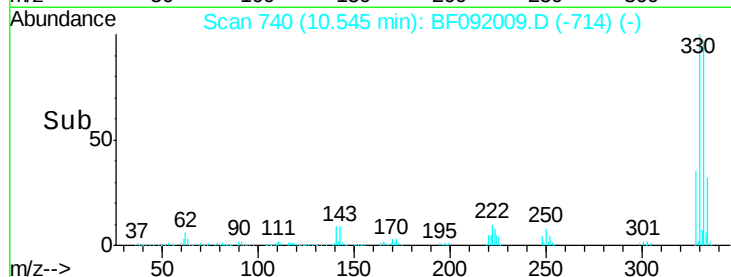
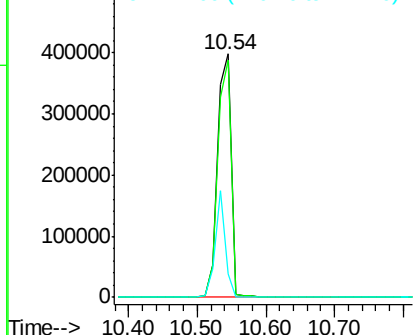
#41
 2,4,6-Tribromophenol
 Concen: 139.37 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF092009.D
 Acq: 28 Dec 2016 22:05

Instrument :
 BNA_F
 ClientSampled :
 MW-1

Tgt Ion:330 Resp: 562441
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 32.8 34.1 51.1#

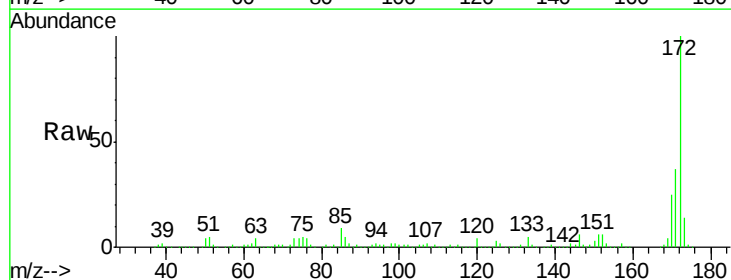


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 115.27 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF092009.D
 Acq: 28 Dec 2016 22:05

Tgt Ion:172 Resp: 2634032
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.8 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

