

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
 Data File : BF084258.D
 Acq On : 5 Jan 2016 1:49
 Operator : UM/SJ
 Sample : G4990-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-35

Quant Time: Jan 05 03:44:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

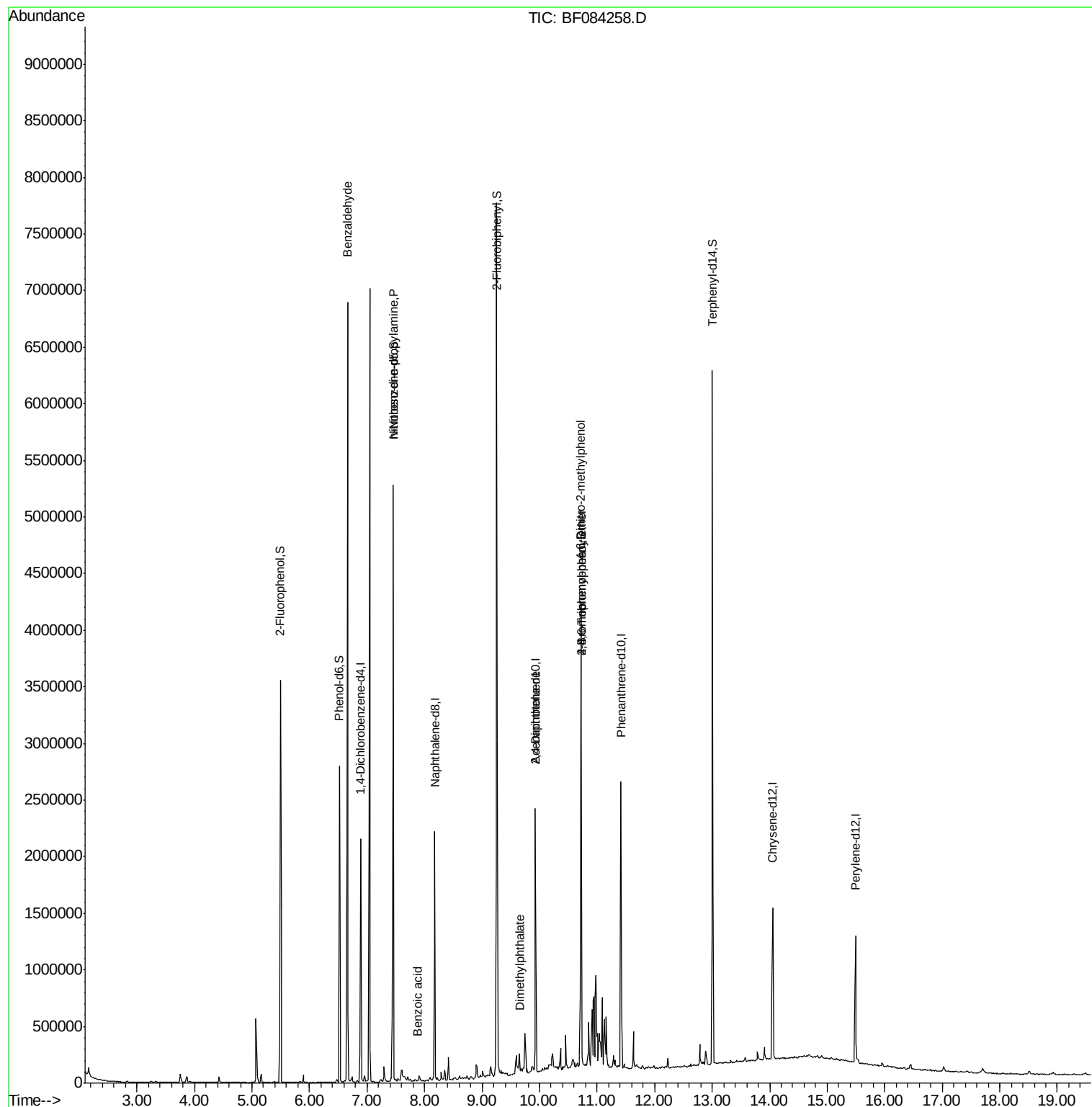
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	281993	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1162192	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	498211	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	852980	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	571127	20.00	ng	-0.01
86) Perylene-d12	15.49	264	549463	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1047127	60.06	ng	0.00
7) Phenol-d6	6.52	99	808286	36.91	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1967862	94.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	710365	141.23	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2790795	99.63	ng	-0.01
78) Terphenyl-d14	13.00	244	1934250	75.60	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.66	77	46827	3.28	ng	# 72
19) n-Nitroso-di-n-propylamine	7.46	70	286442	19.33	ng	# 73
32) Benzoic acid	7.88	122	930	6.31	ng	# 58
49) Dimethylphthalate	9.65	163	92133	2.59	ng	# 90
54) Dibenzofuran	10.13	168	2543	Below Cal	#	66
56) 2,4-Dinitrotoluene	9.93	165	66550	6.73	ng	# 21
57) Fluorene	10.48	166	2645	Below Cal	#	75
60) 4-Chlorophenyl-phenylether	10.48	204	1565	Below Cal	#	78
64) 4,6-Dinitro-2-methylphenol	10.72	198	1684	6.66	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	43648	4.75	ng	# 1
73) Di-n-butylphthalate	11.98	149	15136	Below Cal	#	95

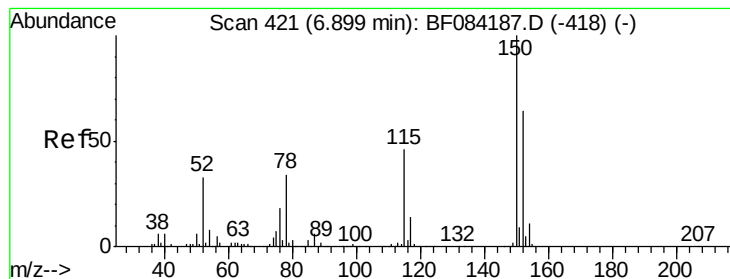
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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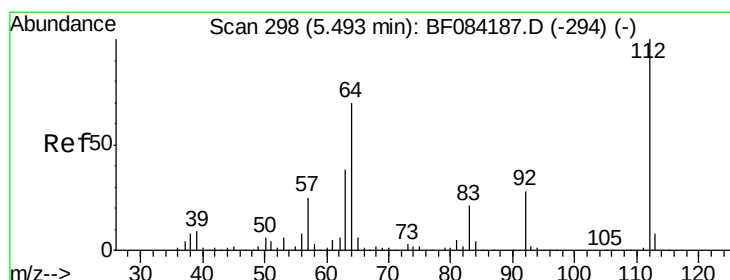
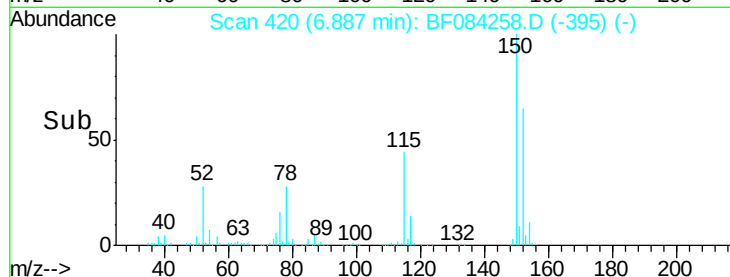
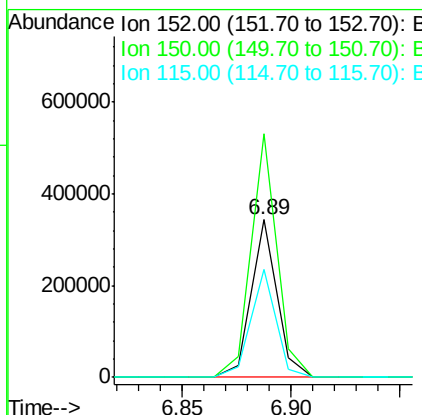
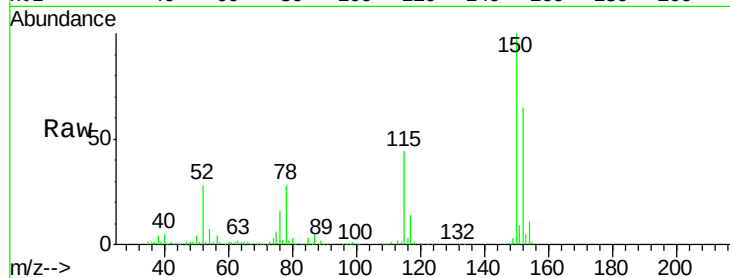




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF084258.D
 Acq: 5 Jan 2016 1:49

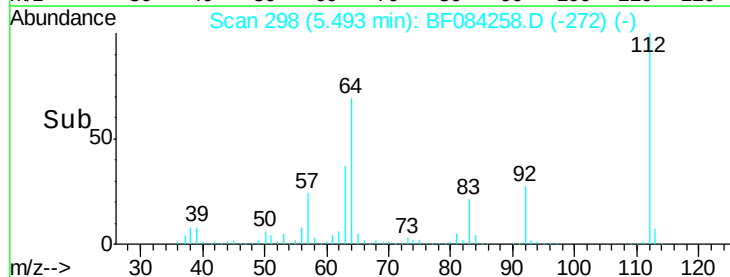
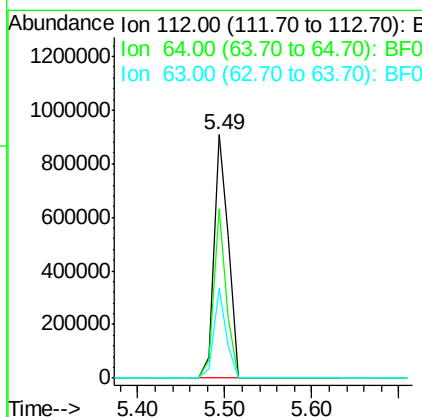
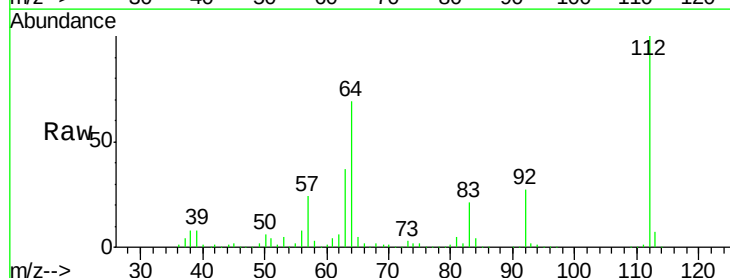
Instrument :
 BNA_F
 ClientSampleId :
 W-35

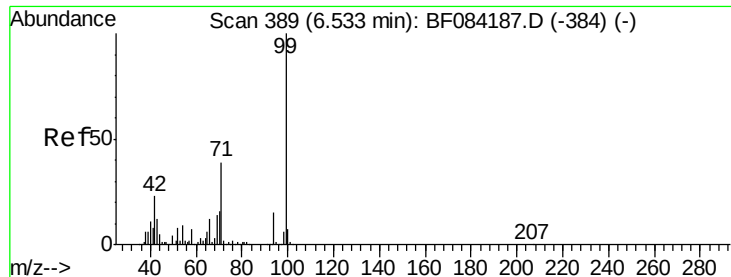
Tgt Ion:152 Resp: 281993
 Ion Ratio Lower Upper
 152 100
 150 154.9 123.0 184.4
 115 68.4 51.4 77.2



#5
 2-Fluorophenol
 Concen: 60.06 ng
 RT: 5.49 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: BF084258.D
 Acq: 5 Jan 2016 1:49

Tgt Ion:112 Resp: 1047127
 Ion Ratio Lower Upper
 112 100
 64 69.4 36.6 55.0#
 63 37.0 19.4 29.0#





#7

Phenol-d6

Concen: 36.91 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084258.D

Acq: 5 Jan 2016 1:49

Instrument :

BNA_F

ClientSampleId :

W-35

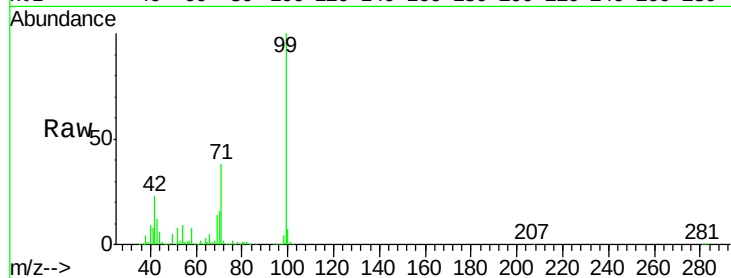
Tgt Ion: 99 Resp: 808286

Ion Ratio Lower Upper

99 100

42 22.9 12.8 19.2#

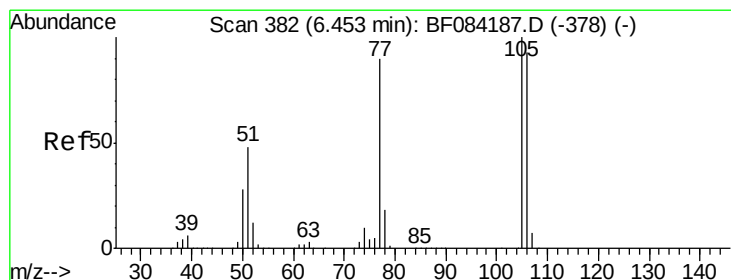
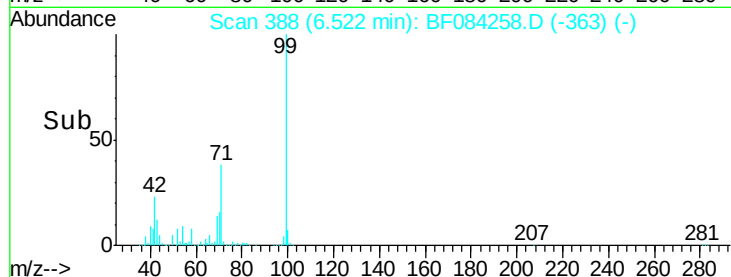
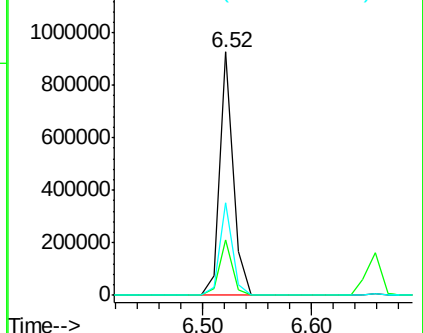
71 37.8 30.9 46.3



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



#9

Benzaldehyde

Concen: 3.28 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.21 min

Lab File: BF084258.D

Acq: 5 Jan 2016 1:49

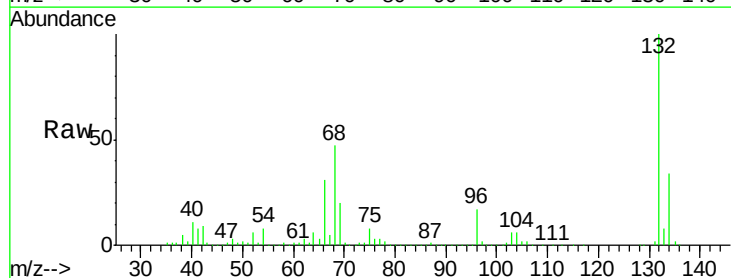
Tgt Ion: 77 Resp: 46827

Ion Ratio Lower Upper

77 100

105 75.5 83.0 123.0#

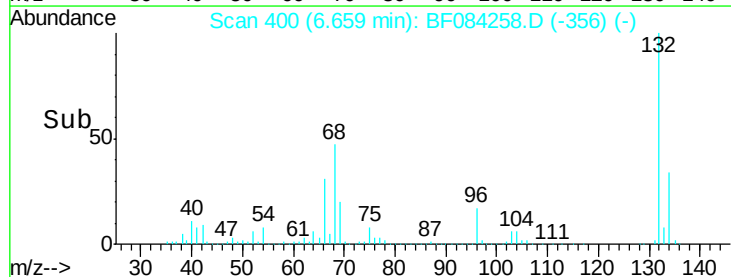
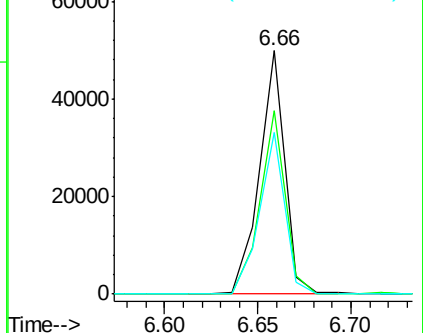
106 66.6 74.6 114.6#

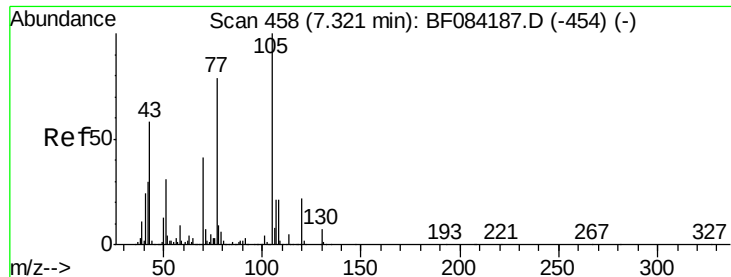


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

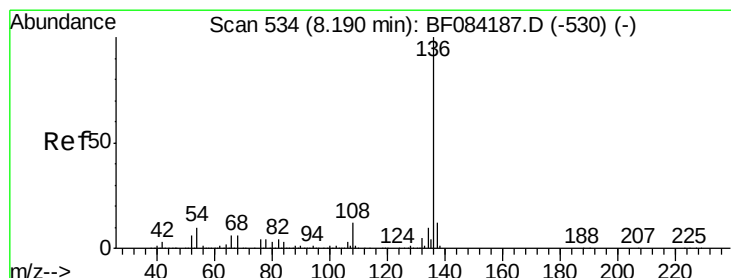
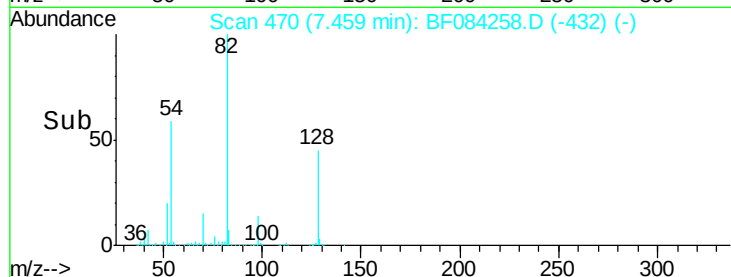
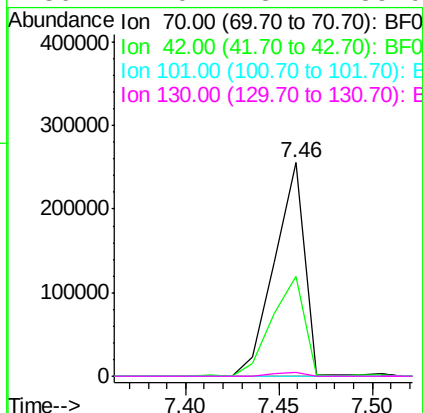
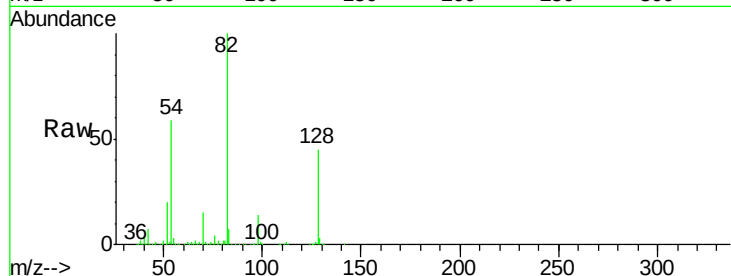




#19
n-Nitroso-di-n-propylamine
Concen: 19.33 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.14 min
Lab File: BF084258.D
Acq: 5 Jan 2016 1:49

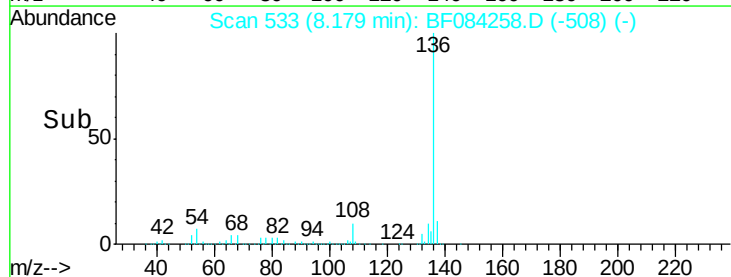
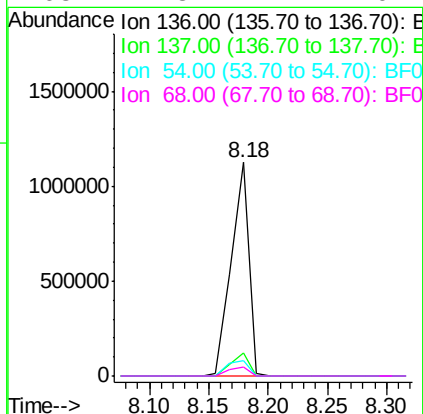
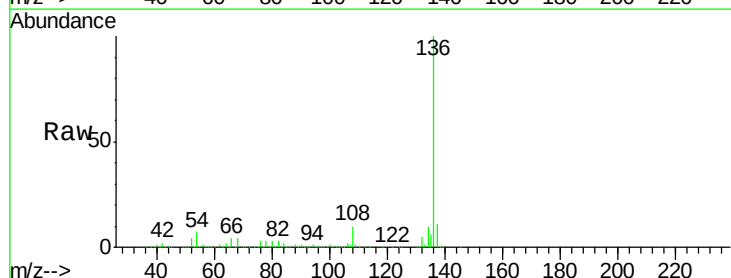
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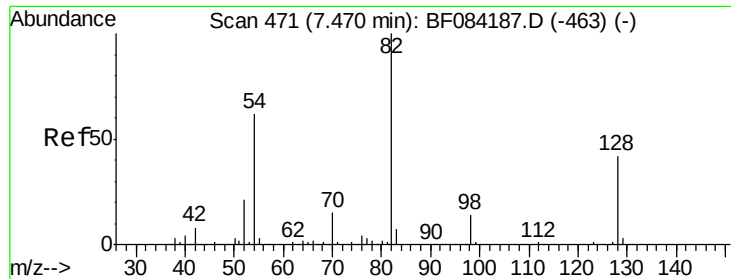
Tgt Ion: 70 Resp: 286442
Ion Ratio Lower Upper
70 100
42 47.0 33.3 49.9
101 0.0 9.3 13.9#
130 2.0 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF084258.D
Acq: 5 Jan 2016 1:49

Tgt Ion: 136 Resp: 1162192
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.1 5.8 8.8
68 4.3 4.2 6.2

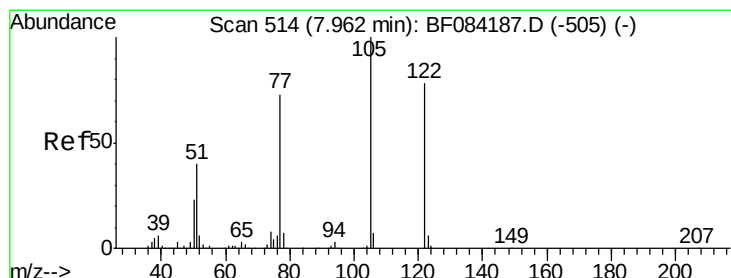
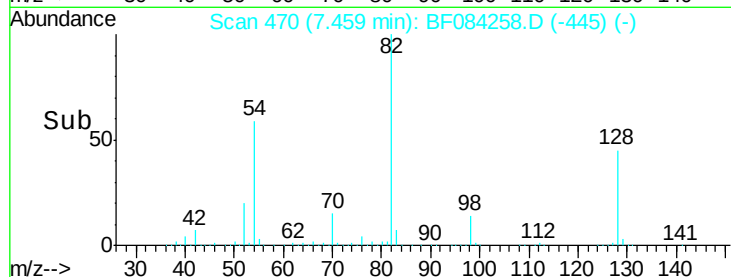
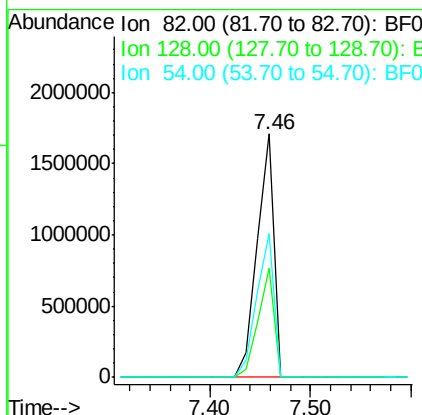
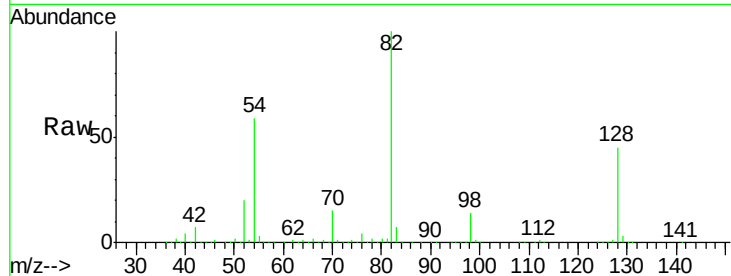




#23
 Nitrobenzene-d5
 Concen: 94.24 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF084258.D
 Acq: 5 Jan 2016 1:49

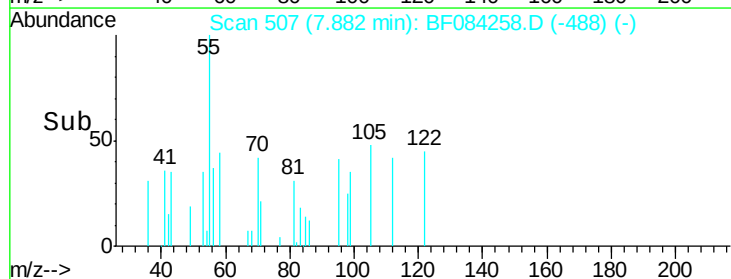
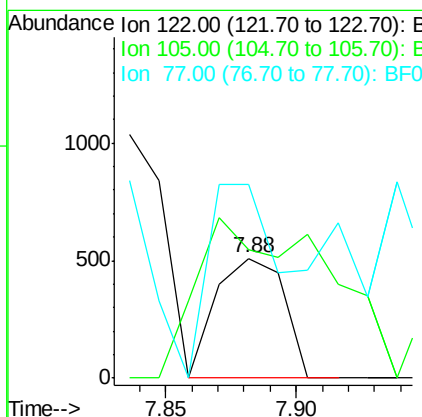
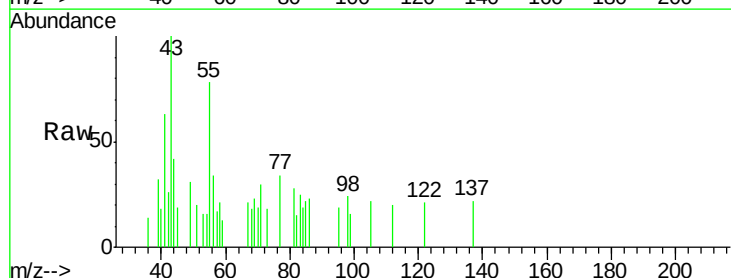
Instrument :
 BNA_F
 ClientSampleId :
 W-35

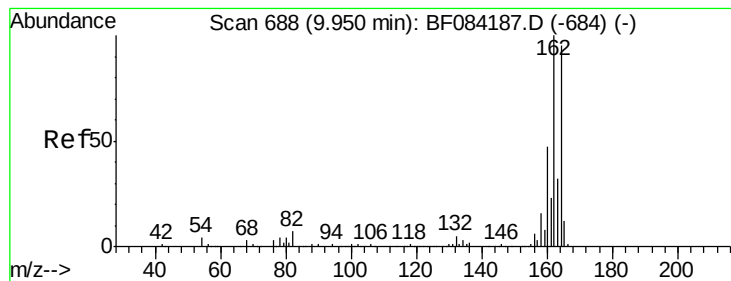
Tgt Ion: 82 Resp: 1967862
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.6 51.8
 54 58.8 38.4 57.6#



#32
 Benzoic acid
 Concen: 6.31 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.08 min
 Lab File: BF084258.D
 Acq: 5 Jan 2016 1:49

Tgt Ion: 122 Resp: 930
 Ion Ratio Lower Upper
 122 100
 105 107.1 100.3 140.3
 77 161.2 63.5 103.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF084258.D

Acq: 5 Jan 2016 1:49

Instrument :

BNA_F

ClientSampleId :

W-35

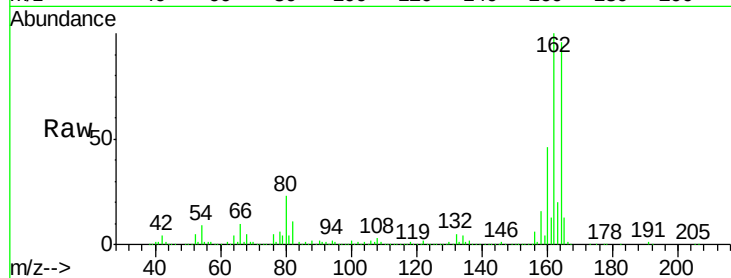
Tgt Ion:164 Resp: 498211

Ion Ratio Lower Upper

164 100

162 104.5 85.1 127.7

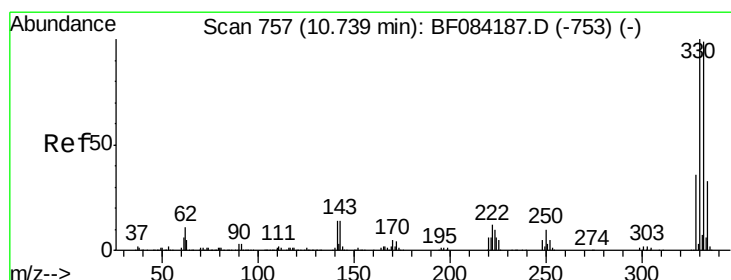
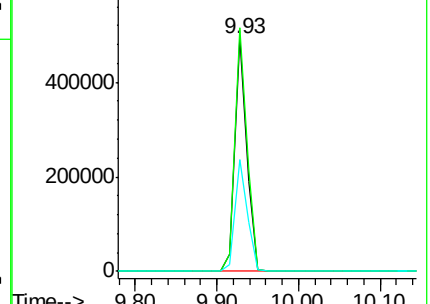
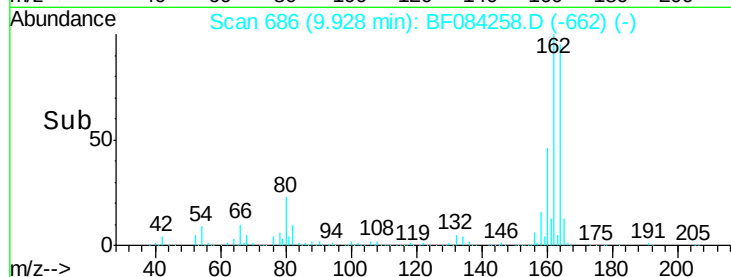
160 47.8 37.5 56.3



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: 141.23 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF084258.D

Acq: 5 Jan 2016 1:49

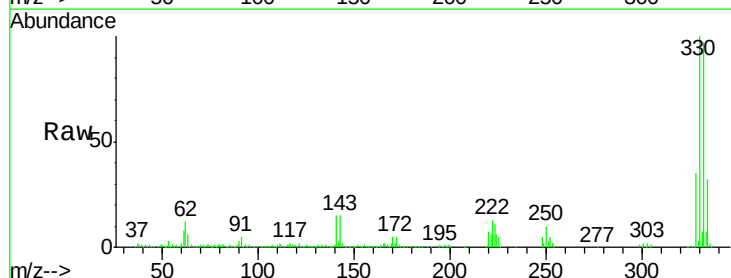
Tgt Ion:330 Resp: 710365

Ion Ratio Lower Upper

330 100

332 97.6 76.6 114.8

141 33.5 27.8 41.6



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

