

Data Path : Z:\HPCHEM1\BNA_F\Data\BF071415\
 Data File : BF080485.D
 Acq On : 15 Jul 2015 11:33
 Operator : TP/UM
 Sample : G2973-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10S

Quant Time: Jul 15 15:59:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 15 03:58:42 2015
 Response via : Initial Calibration

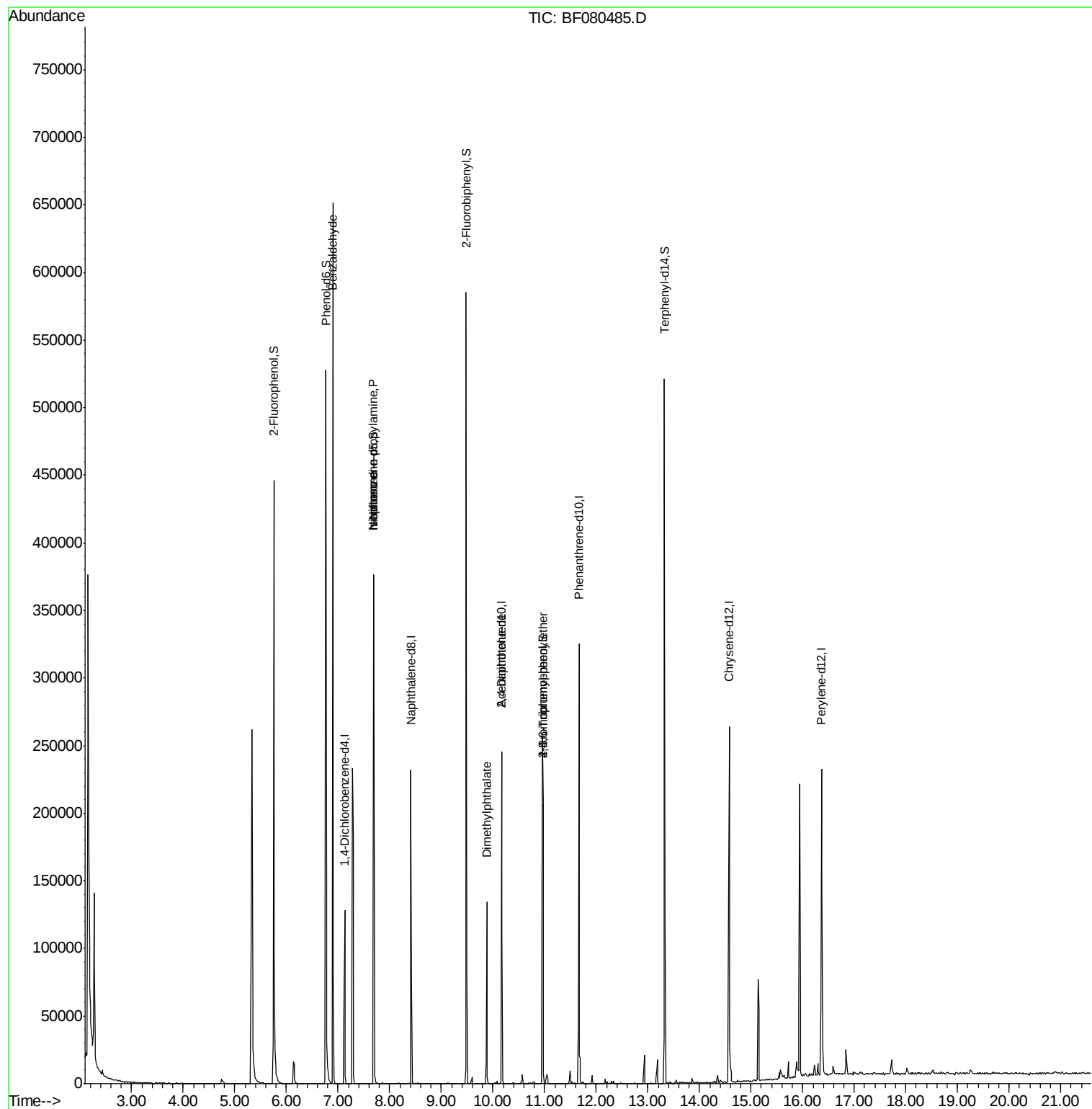
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	24103	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	104489	20.00	ng	0.00
38) Acenaphthene-d10	10.17	164	52738	20.00	ng	-0.01
63) Phenanthrene-d10	11.66	188	110175	20.00	ng	0.00
75) Chrysene-d12	14.58	240	117089	20.00	ng	0.10
86) Perylene-d12	16.36	264	118593	20.00	ng	0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	123400	83.68	ng	0.00
7) Phenol-d6	6.76	99	176200	97.64	ng	-0.01
23) Nitrobenzene-d5	7.69	82	106180	55.63	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	34797	69.81	ng	0.00
44) 2-Fluorobiphenyl	9.48	172	161866	42.05	ng	0.00
78) Terphenyl-d14	13.32	244	165240	34.02	ng	0.05
Target Compounds						
9) Benzaldehyde	6.90	77	3266	2.96	ng	# 75
19) n-Nitroso-di-n-propylamine	7.69	70	13574	11.11	ng	# 83
25) Isophorone	7.69	82	106177	30.13	ng	# 71
49) Dimethylphthalate	9.88	163	53646	12.85	ng	100
56) 2,4-Dinitrotoluene	10.17	165	6633	6.52	ng	# 38
66) 4-Bromophenyl-phenylether	10.97	248	2751	2.50	ng	# 1
85) Indeno(1,2,3-cd)pyrene	18.02	276	3861	Below Cal		# 71

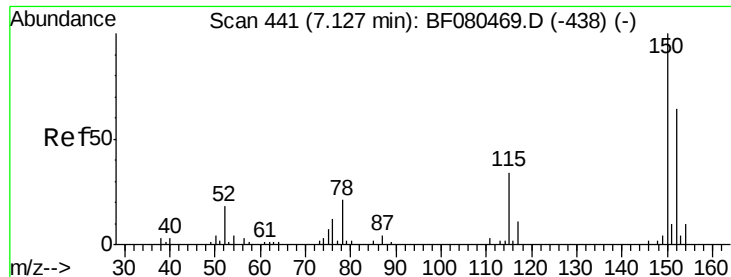
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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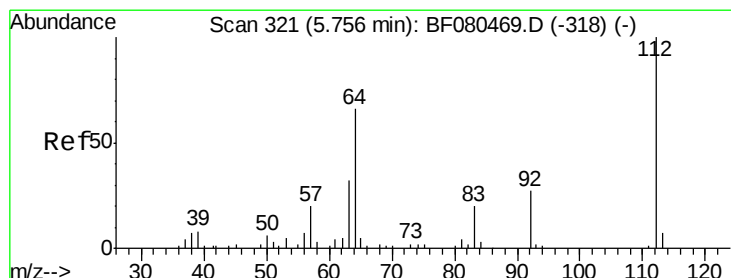
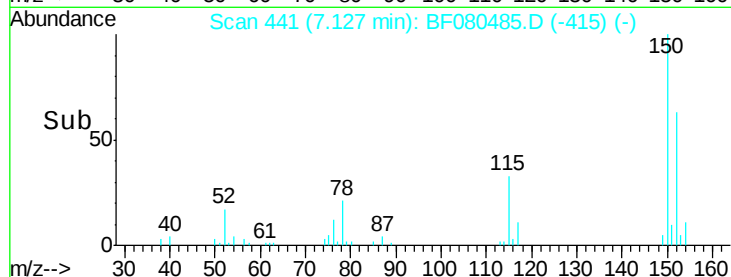
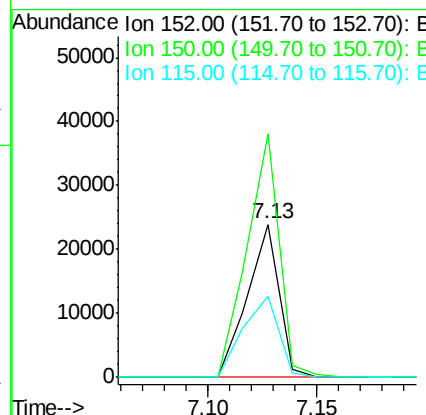
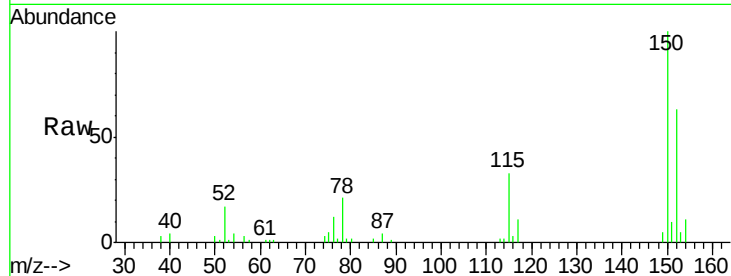




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.13 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: BF080485.D
 Acq: 15 Jul 2015 11:33

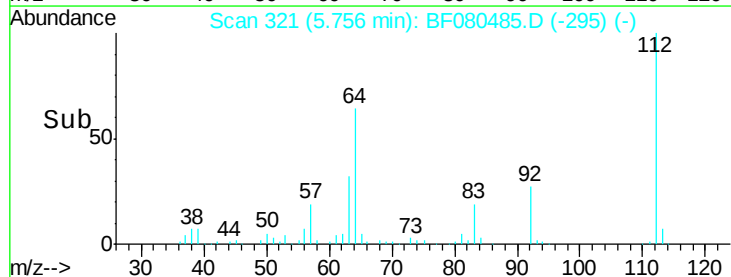
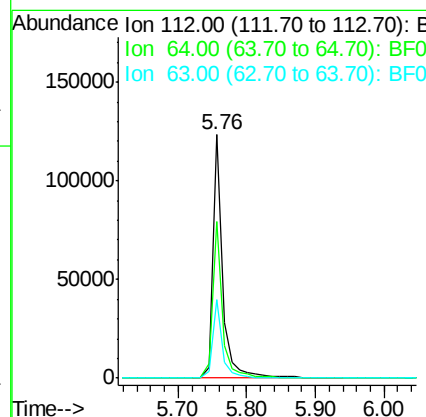
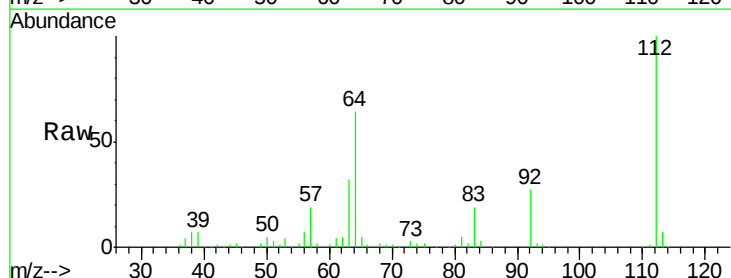
Instrument :
 BNA_F
 ClientSampleId :
 TP-10S

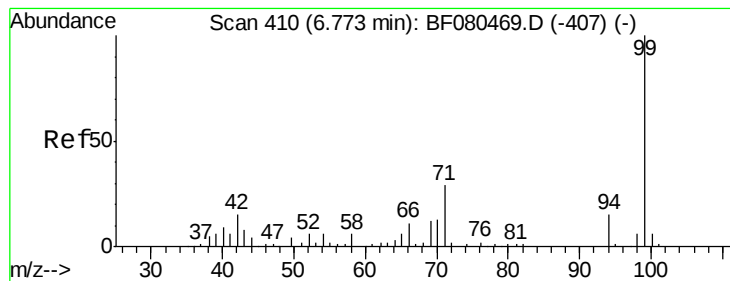
Tgt Ion:152 Resp: 24103
 Ion Ratio Lower Upper
 152 100
 150 159.3 125.5 188.3
 115 52.7 42.9 64.3



#5
 2-Fluorophenol
 Concen: 83.68 ng
 RT: 5.76 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: BF080485.D
 Acq: 15 Jul 2015 11:33

Tgt Ion:112 Resp: 123400
 Ion Ratio Lower Upper
 112 100
 64 64.1 52.6 79.0
 63 32.2 25.9 38.9





#7

Phenol-d6

Concen: 97.64 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF080485.D

Acq: 15 Jul 2015 11:33

Instrument :

BNA_F

ClientSampleId :

TP-10S

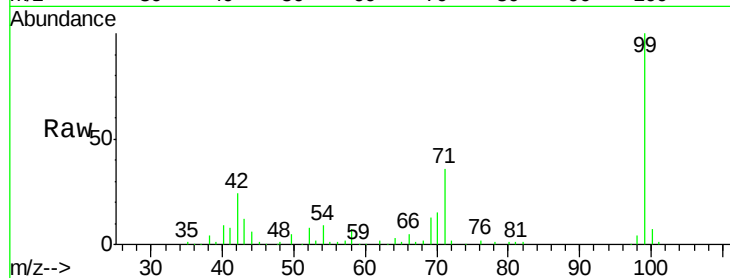
Tgt Ion: 99 Resp: 176200

Ion Ratio Lower Upper

99 100

42 24.0 12.4 18.6#

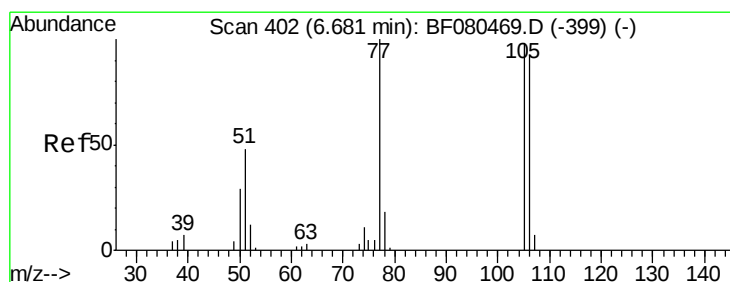
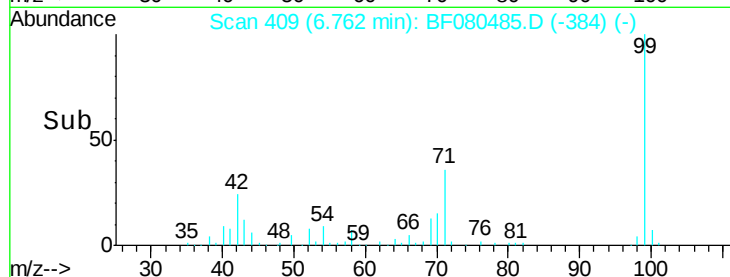
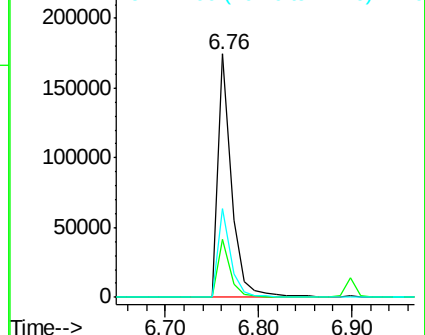
71 36.2 22.9 34.3#



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: 2.96 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.22 min

Lab File: BF080485.D

Acq: 15 Jul 2015 11:33

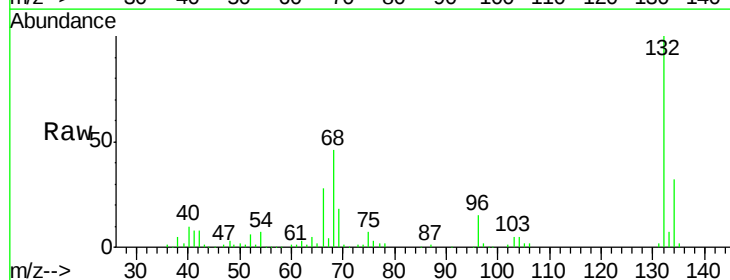
Tgt Ion: 77 Resp: 3266

Ion Ratio Lower Upper

77 100

105 75.1 77.7 117.7#

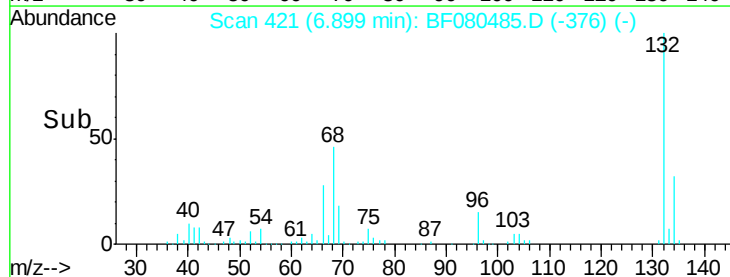
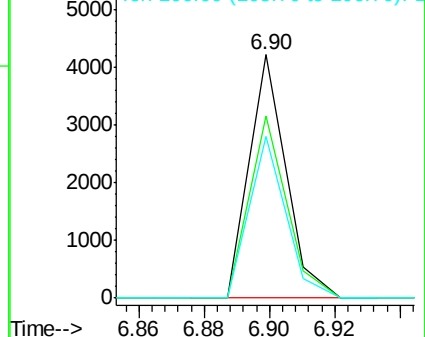
106 66.4 72.6 112.6#

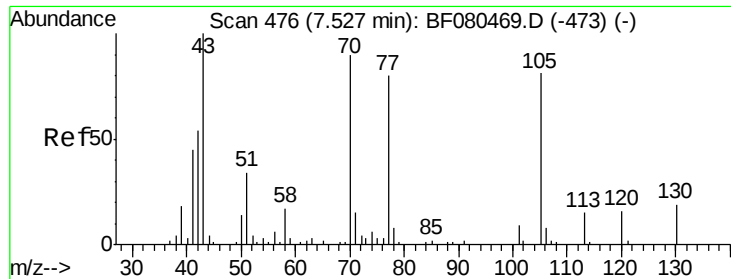


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

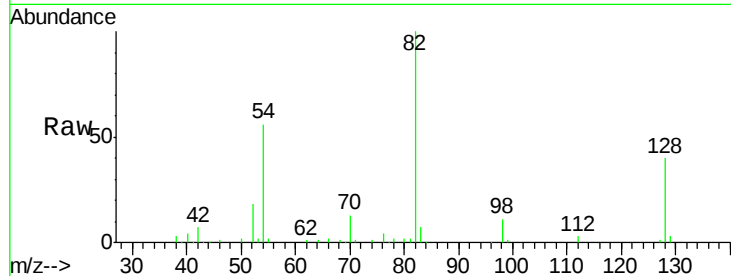




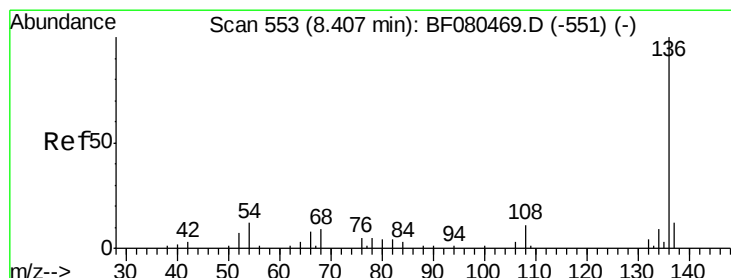
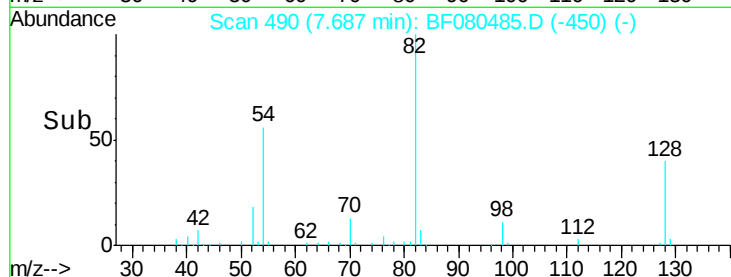
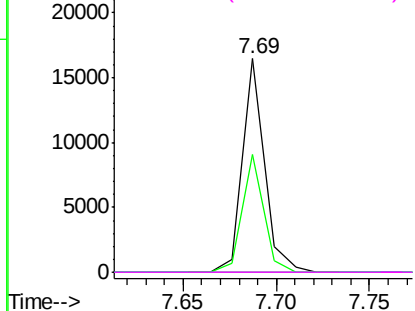
#19
n-Nitroso-di-n-propylamine
Concen: 11.11 ng
RT: 7.69 min Scan# 490
Delta R.T. 0.16 min
Lab File: BF080485.D
Acq: 15 Jul 2015 11:33

Instrument :
BNA_F
ClientSampleId :
TP-10S

Tgt Ion: 70 Resp: 13574
Ion Ratio Lower Upper
70 100
42 55.3 48.0 72.0
101 0.0 7.8 11.6#
130 0.0 16.7 25.1#

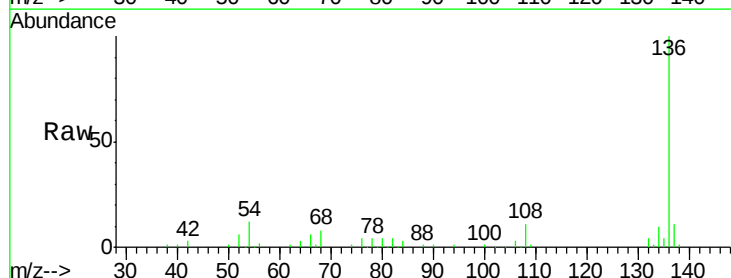


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

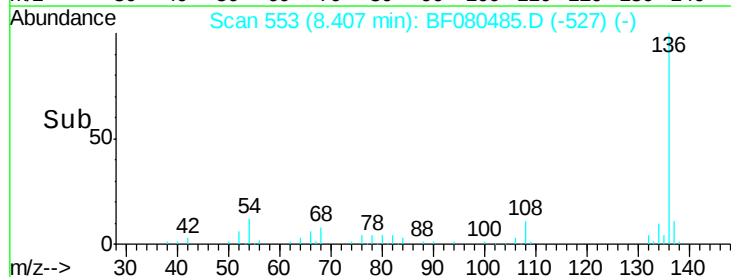
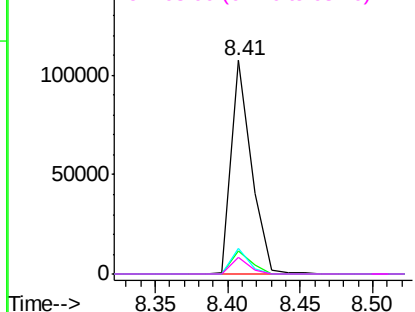


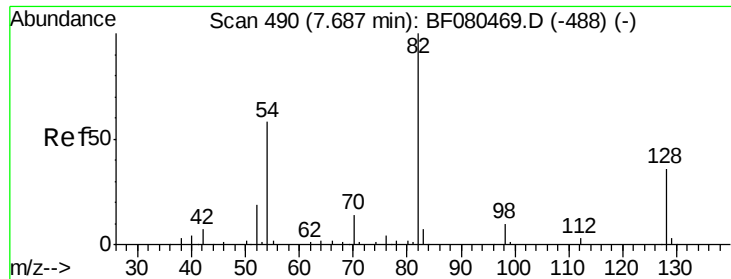
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.41 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF080485.D
Acq: 15 Jul 2015 11:33

Tgt Ion:136 Resp: 104489
Ion Ratio Lower Upper
136 100
137 11.0 9.5 14.3
54 11.8 9.8 14.8
68 7.9 7.0 10.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

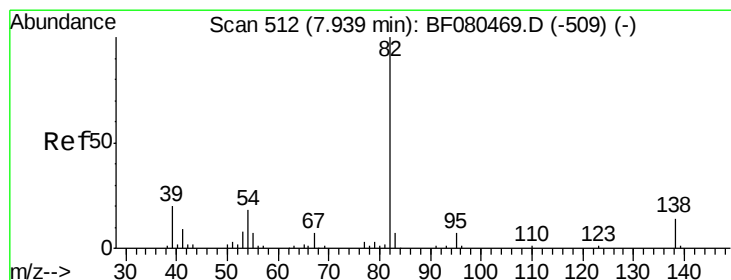
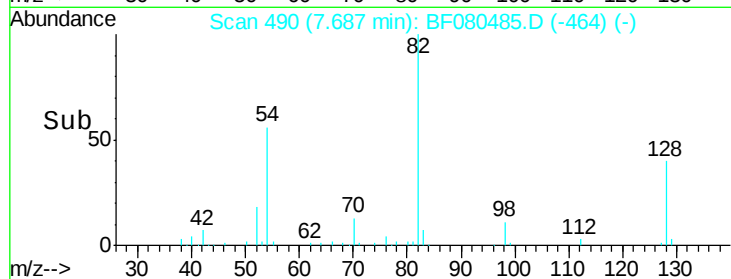
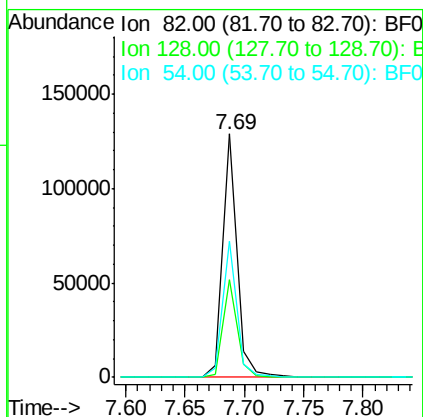
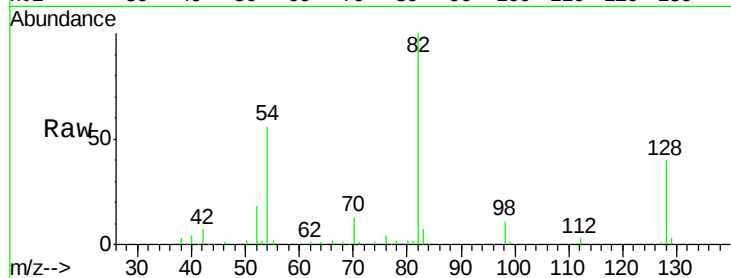




#23
 Nitrobenzene-d5
 Concen: 55.63 ng
 RT: 7.69 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF080485.D
 Acq: 15 Jul 2015 11:33

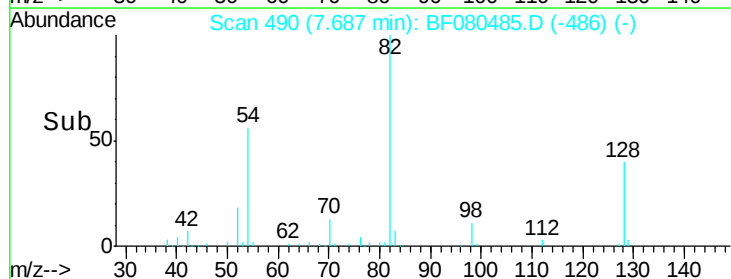
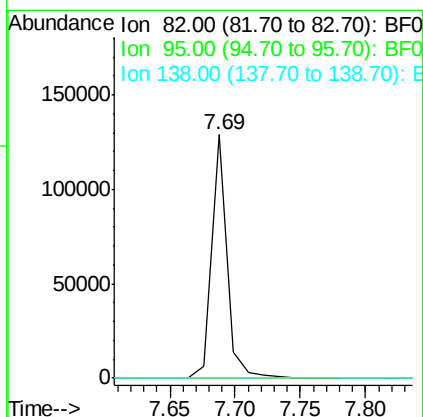
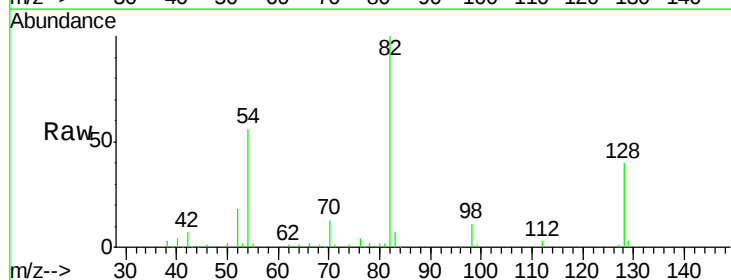
Instrument :
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 ClientSampleId :
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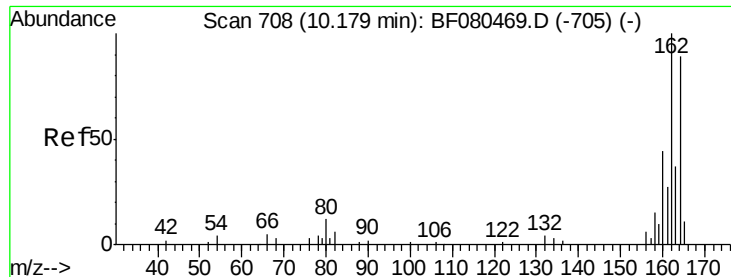
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.3	29.0	43.4
54	55.9	46.4	69.6



#25
 Isophorone
 Concen: 30.13 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.25 min
 Lab File: BF080485.D
 Acq: 15 Jul 2015 11:33

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	10.8	16.2#

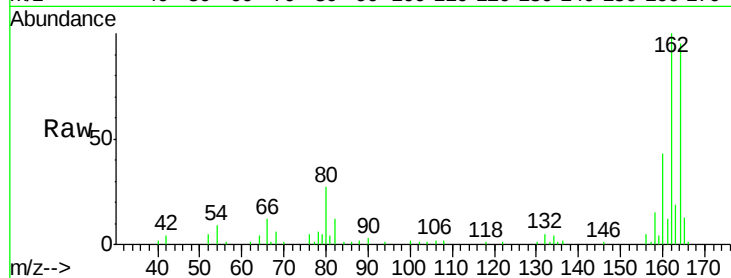




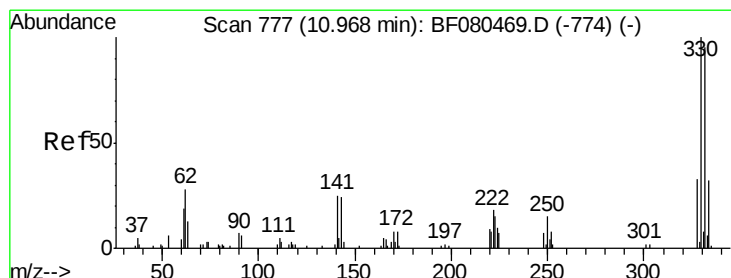
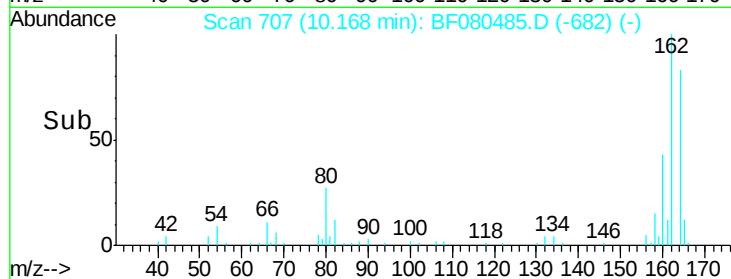
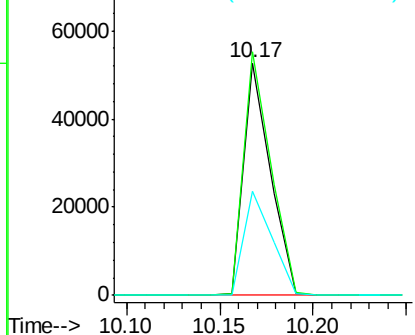
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.17 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF080485.D
 Acq: 15 Jul 2015 11:33

Instrument :
 BNA_F
 ClientSampleId :
 TP-10S

Tgt Ion:164 Resp: 52738
 Ion Ratio Lower Upper
 164 100
 162 104.7 89.8 134.8
 160 44.8 39.5 59.3

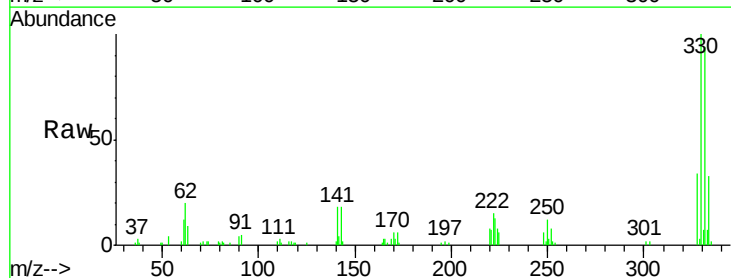


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

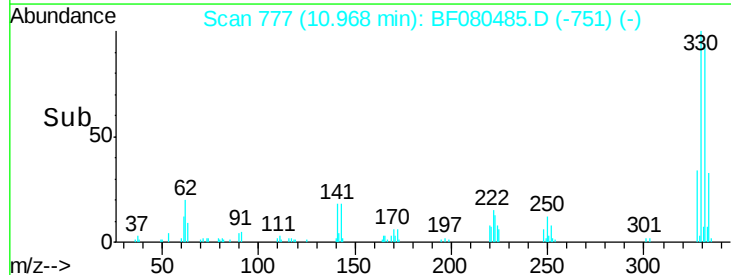
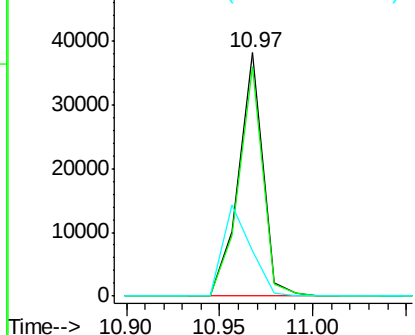


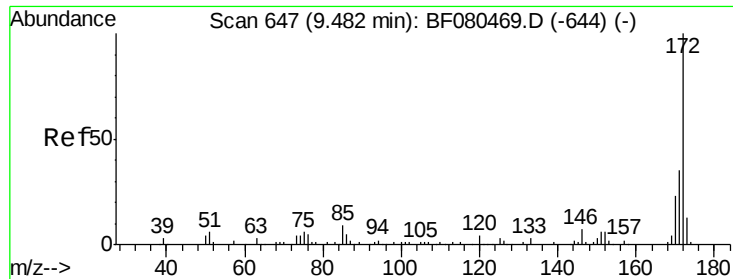
#41
 2,4,6-Tribromophenol
 Concen: 69.81 ng
 RT: 10.97 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF080485.D
 Acq: 15 Jul 2015 11:33

Tgt Ion:330 Resp: 34797
 Ion Ratio Lower Upper
 330 100
 332 94.1 76.2 114.4
 141 42.8 29.8 44.6



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

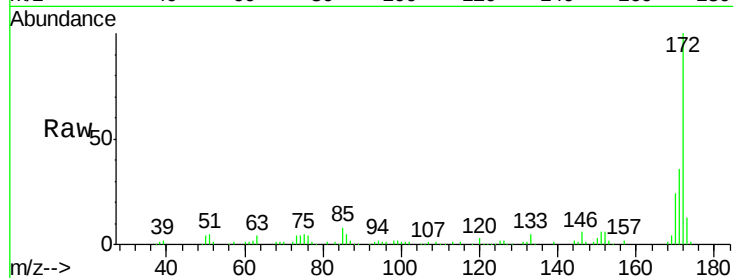




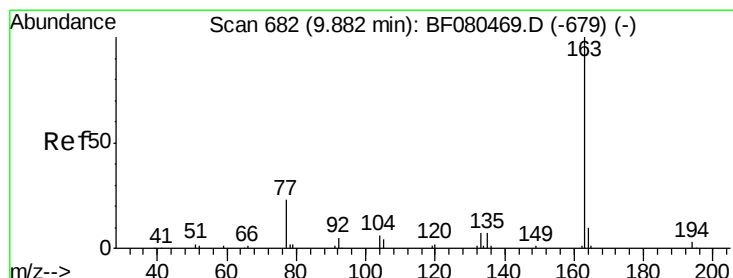
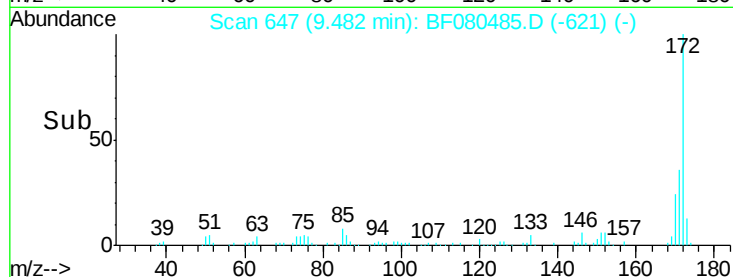
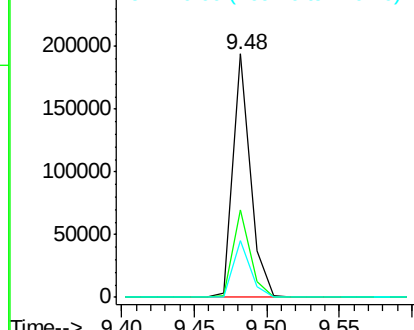
#44
 2-Fluorobiphenyl
 Concen: 42.05 ng
 RT: 9.48 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF080485.D
 Acq: 15 Jul 2015 11:33

Instrument :
 BNA_F
 ClientSampleId :
 TP-10S

Tgt Ion:172 Resp: 161866
 Ion Ratio Lower Upper
 172 100
 171 36.0 27.9 41.9
 170 23.6 18.5 27.7

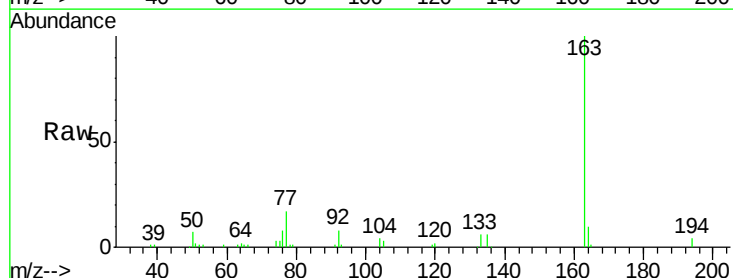


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

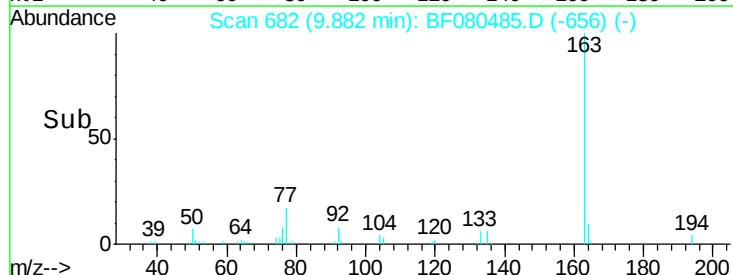
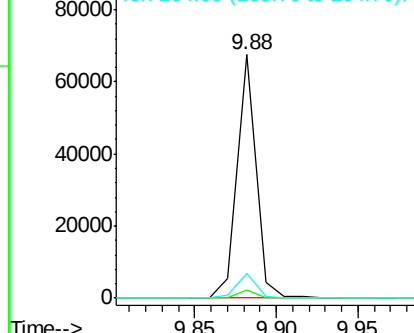


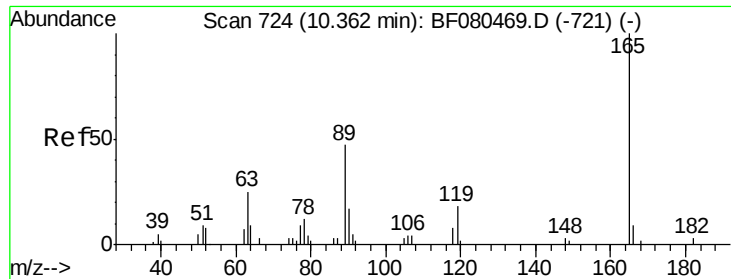
#49
 Dimethylphthalate
 Concen: 12.85 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF080485.D
 Acq: 15 Jul 2015 11:33

Tgt Ion:163 Resp: 53646
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.6 3.8
 164 10.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

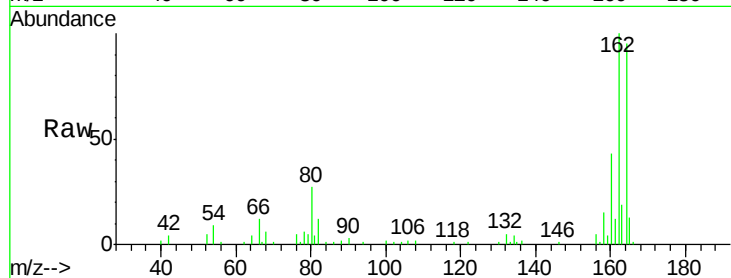




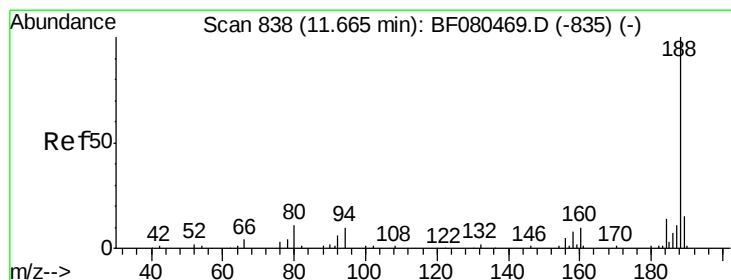
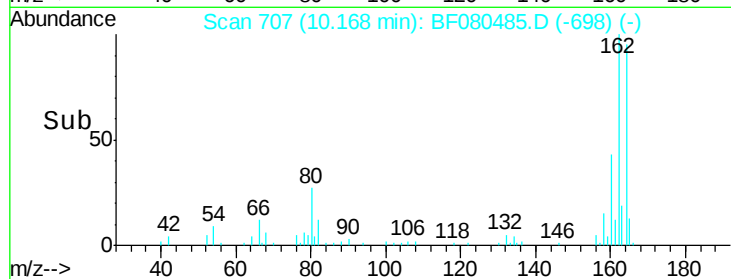
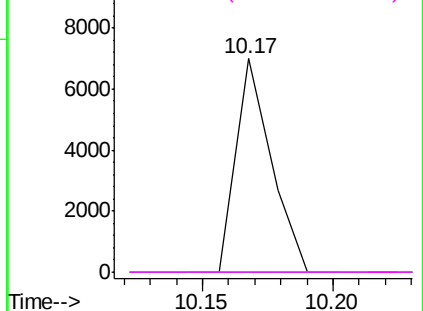
#56
 2,4-Dinitrotoluene
 Concen: 6.52 ng
 RT: 10.17 min Scan# 707
 Delta R.T. -0.19 min
 Lab File: BF080485.D
 Acq: 15 Jul 2015 11:33

Instrument :
 BNA_F
 ClientSampleId :
 TP-10S

Tgt Ion:165 Resp: 6633
 Ion Ratio Lower Upper
 165 100
 63 0.0 21.7 32.5#
 89 0.0 37.4 56.2#
 182 0.0 2.2 3.2#

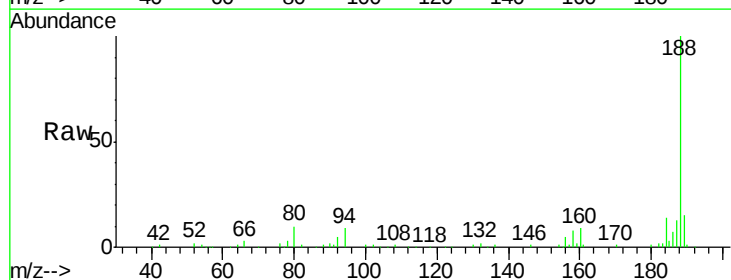


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

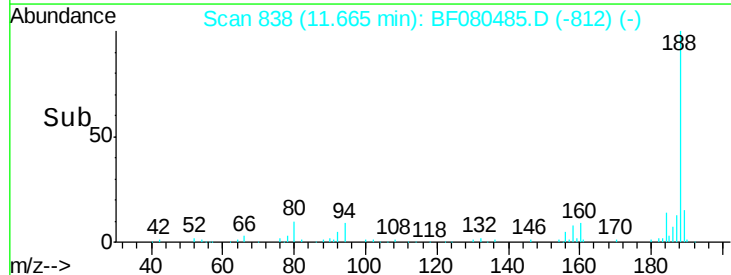
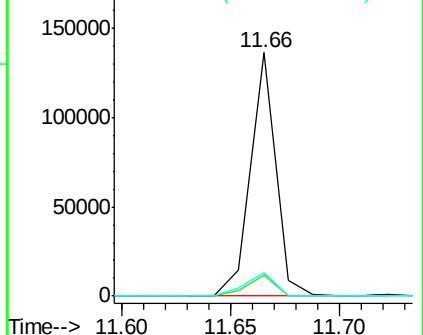


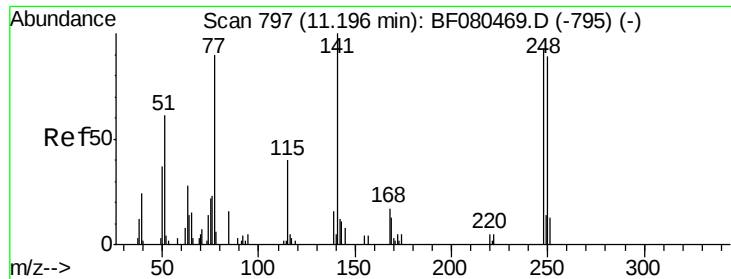
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.66 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF080485.D
 Acq: 15 Jul 2015 11:33

Tgt Ion:188 Resp: 110175
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.7 11.5
 80 9.7 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

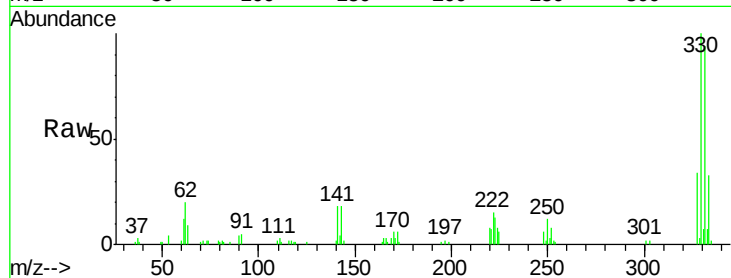




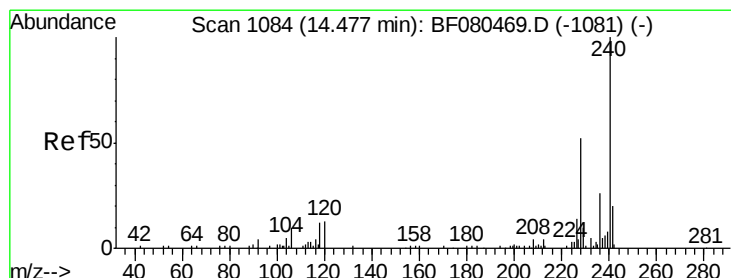
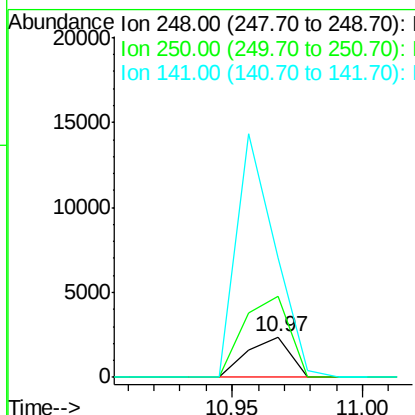
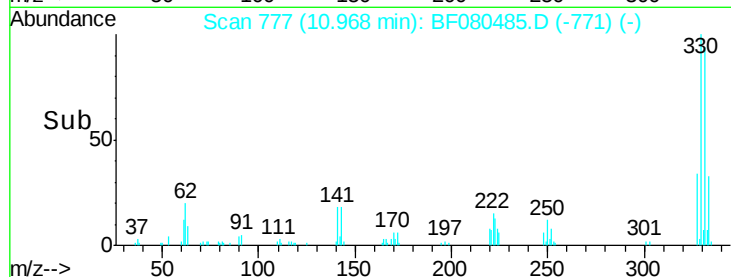
#66
 4-Bromophenyl-phenylether
 Concen: 2.50 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.23 min
 Lab File: BF080485.D
 Acq: 15 Jul 2015 11:33

Instrument :
 BNA_F
 ClientSampleId :
 TP-10S

Tgt Ion:248 Resp: 2751
 Ion Ratio Lower Upper
 248 100
 250 198.6 76.8 115.2#
 141 293.4 86.3 129.5#

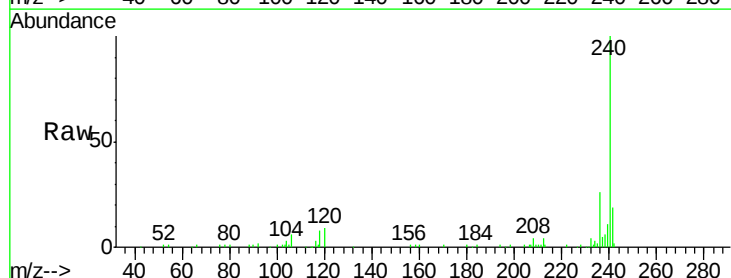


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

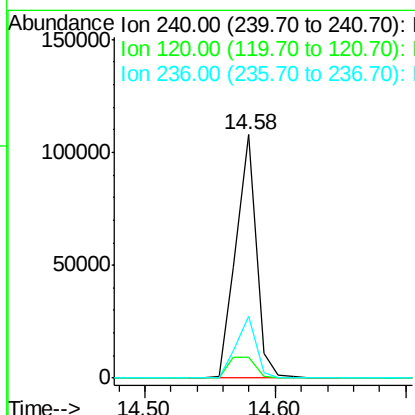
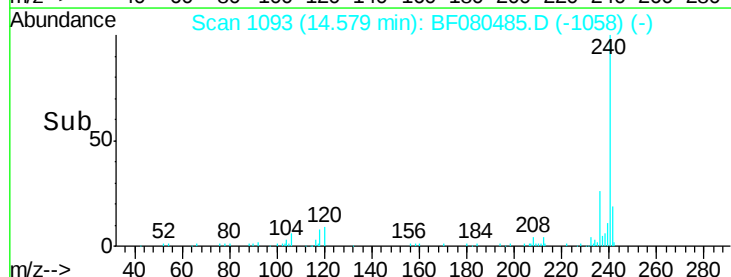


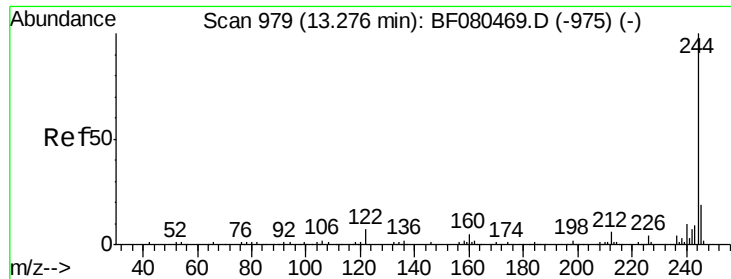
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.58 min Scan# 1093
 Delta R.T. 0.10 min
 Lab File: BF080485.D
 Acq: 15 Jul 2015 11:33

Tgt Ion:240 Resp: 117089
 Ion Ratio Lower Upper
 240 100
 120 8.8 10.2 15.4#
 236 25.6 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

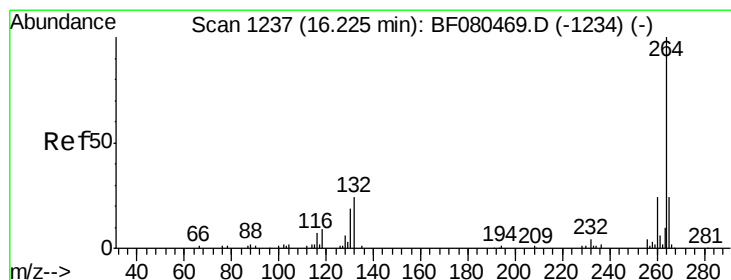
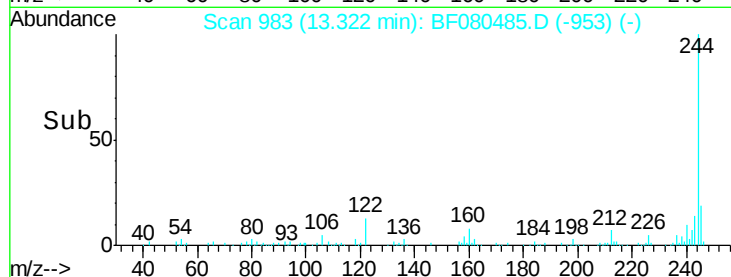
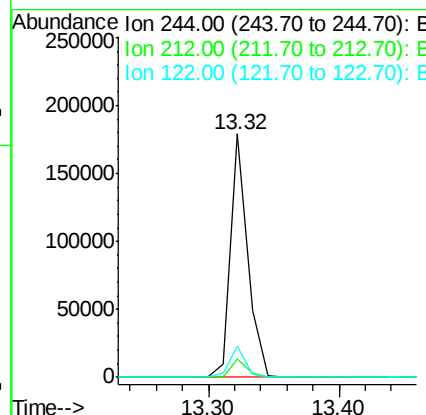
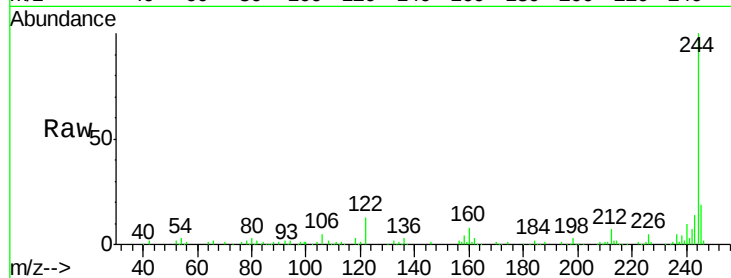




#78
 Terphenyl-d14
 Concen: 34.02 ng
 RT: 13.32 min Scan# 983
 Delta R.T. 0.05 min
 Lab File: BF080485.D
 Acq: 15 Jul 2015 11:33

Instrument :
 BNA_F
 ClientSampleID :
 TP-10S

Tgt Ion:244 Resp: 165240
 Ion Ratio Lower Upper
 244 100
 212 7.5 4.9 7.3#
 122 13.0 5.2 7.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.36 min Scan# 1249
 Delta R.T. 0.14 min
 Lab File: BF080485.D
 Acq: 15 Jul 2015 11:33

Tgt Ion:264 Resp: 118593
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.5 18.9 28.3

