

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010616\
 Data File : BF084292.D
 Acq On : 6 Jan 2016 16:30
 Operator : SJ/UM
 Sample : H1010-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Jan 07 00:09:54 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

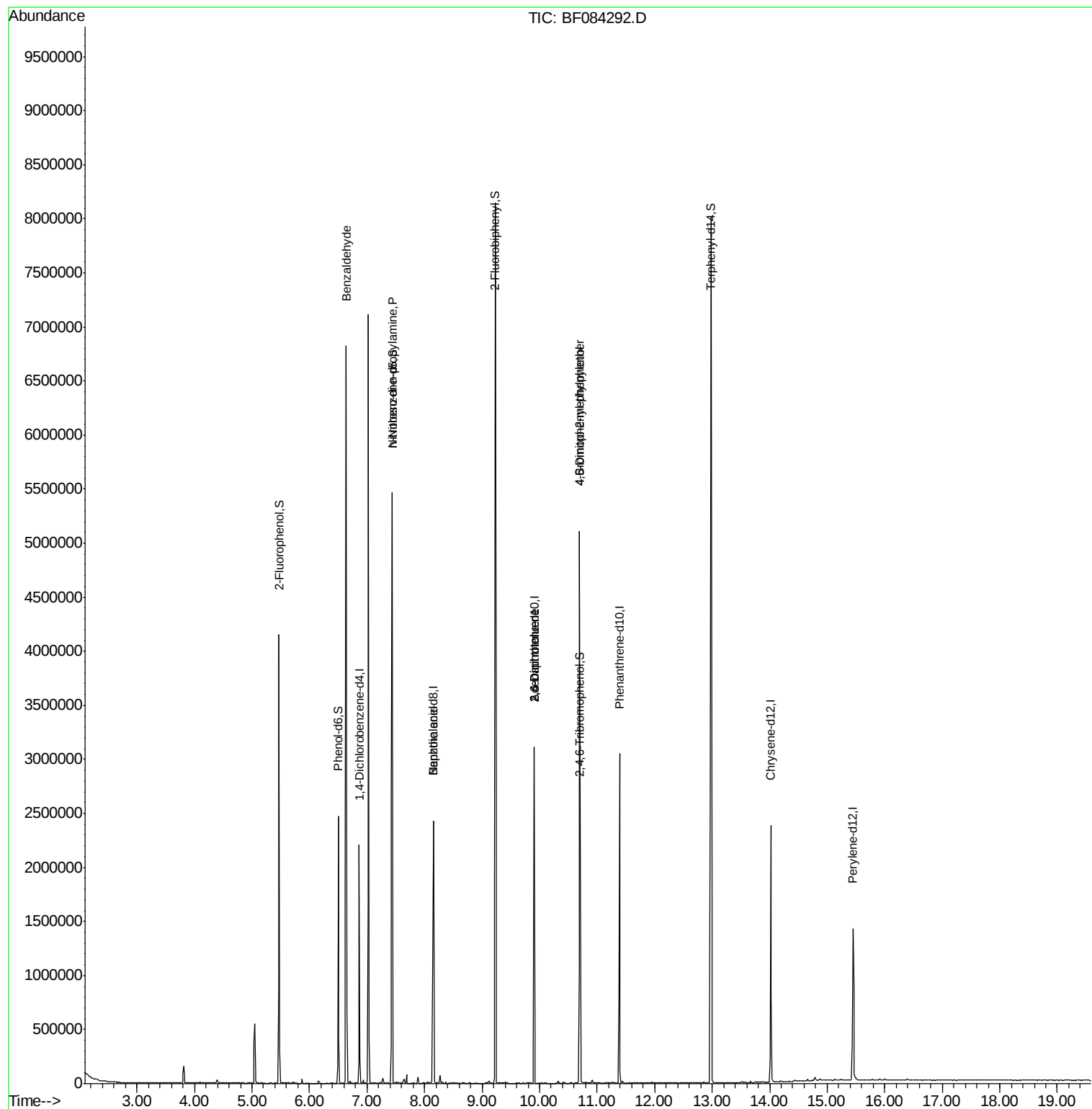
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	280994	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1219316	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	554032	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	1050412	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	849293	20.00	ng	-0.05
86) Perylene-d12	15.45	264	686006	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	984186	56.65	ng	-0.02
7) Phenol-d6	6.50	99	720495	33.02	ng	-0.03
23) Nitrobenzene-d5	7.44	82	1917776	87.54	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	778263	139.14	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2789036	88.84	ng	-0.03
78) Terphenyl-d14	12.98	244	2667045	70.10	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.64	77	43549	3.07	ng	# 72
19) n-Nitroso-di-n-propylamine	7.44	70	276025	18.69	ng	# 70
32) Benzoic acid	8.16	122	274	6.27	ng	# 1
50) 2,6-Dinitrotoluene	9.90	165	74063	8.53	ng	# 38
54) Dibenzofuran	10.11	168	357	Below Cal	#	45
56) 2,4-Dinitrotoluene	9.90	165	74070	6.74	ng	# 22
57) Fluorene	10.69	166	27761	Below Cal	#	88
64) 4,6-Dinitro-2-methylphenol	10.69	198	1598	6.61	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	46313	4.10	ng	# 1
73) Di-n-butylphthalate	11.95	149	6139	Below Cal	#	94

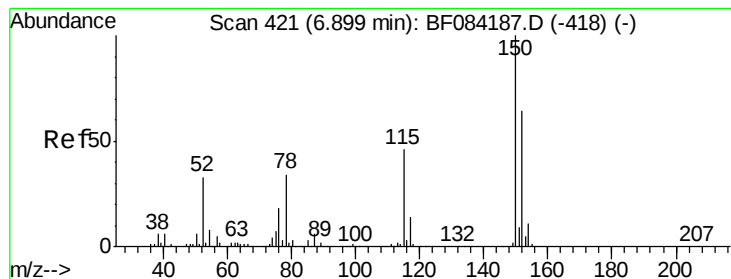
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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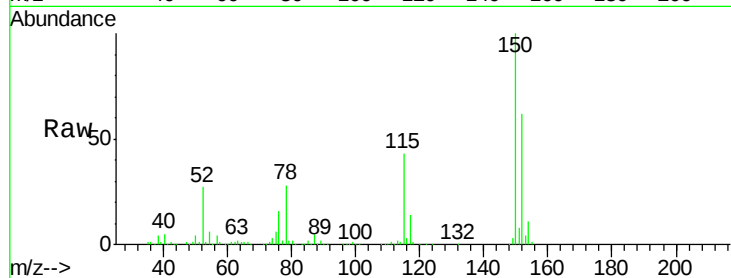




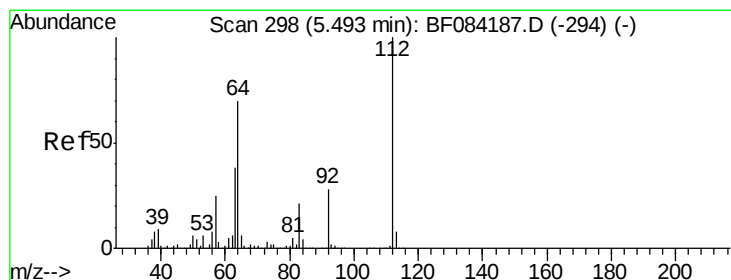
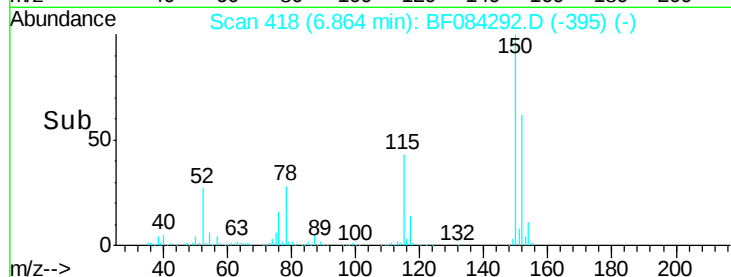
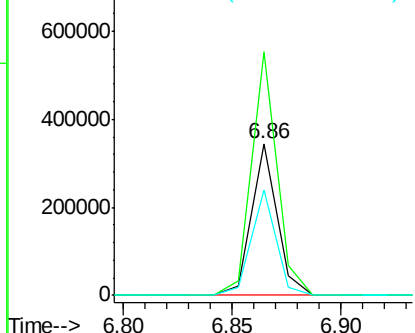
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.03 min
 Lab File: BF084292.D
 Acq: 6 Jan 2016 16:30

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tgt Ion:152 Resp: 280994
 Ion Ratio Lower Upper
 152 100
 150 160.2 123.0 184.4
 115 69.3 51.4 77.2

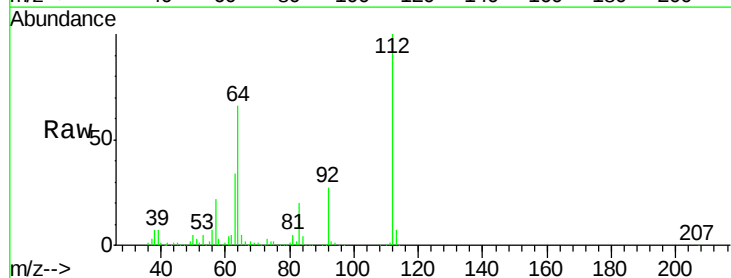


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

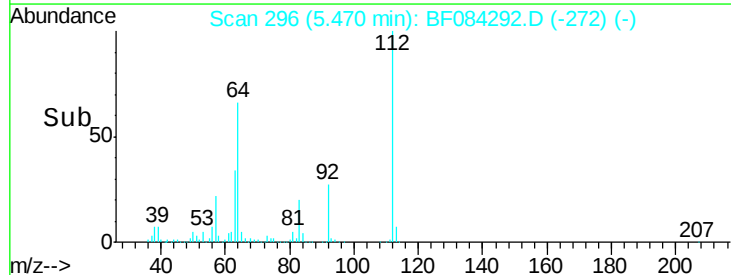
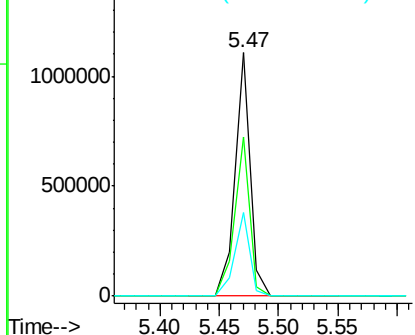


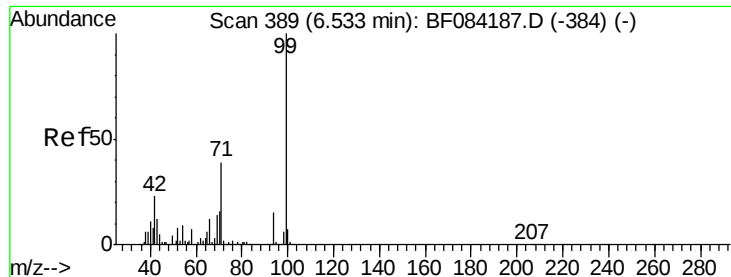
#5
 2-Fluorophenol
 Concen: 56.65 ng
 RT: 5.47 min Scan# 296
 Delta R.T. -0.02 min
 Lab File: BF084292.D
 Acq: 6 Jan 2016 16:30

Tgt Ion:112 Resp: 984186
 Ion Ratio Lower Upper
 112 100
 64 65.6 36.6 55.0#
 63 34.3 19.4 29.0#



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: 33.02 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084292.D

Acq: 6 Jan 2016 16:30

Instrument :

BNA_F

ClientSampleId :

FB

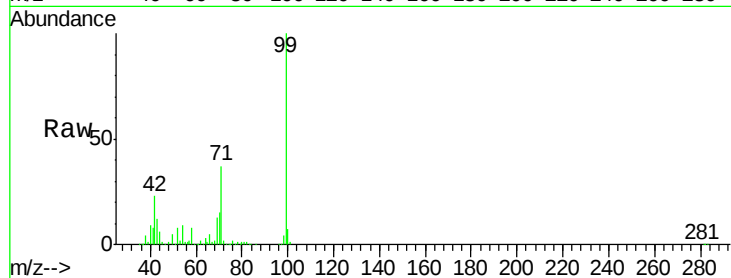
Tgt Ion: 99 Resp: 720495

Ion Ratio Lower Upper

99 100

42 23.2 12.8 19.2#

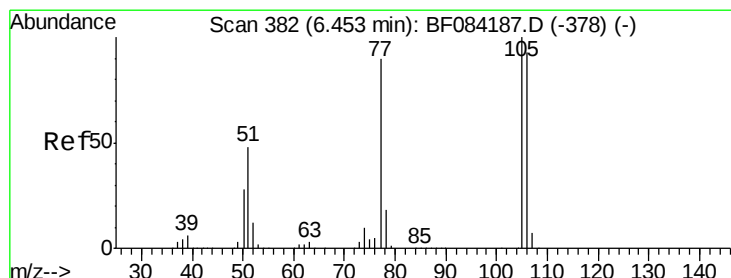
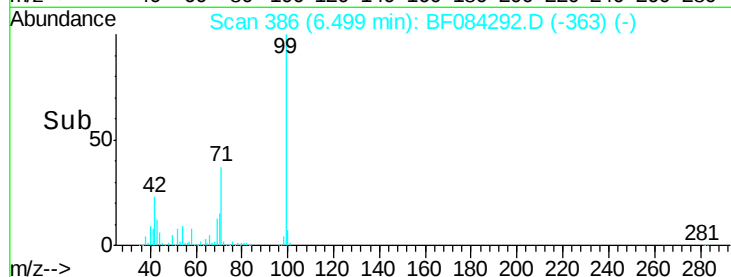
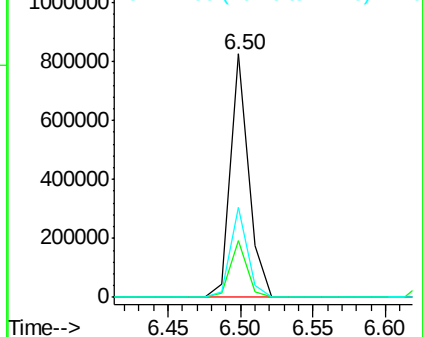
71 36.9 30.9 46.3



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: 3.07 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.18 min

Lab File: BF084292.D

Acq: 6 Jan 2016 16:30

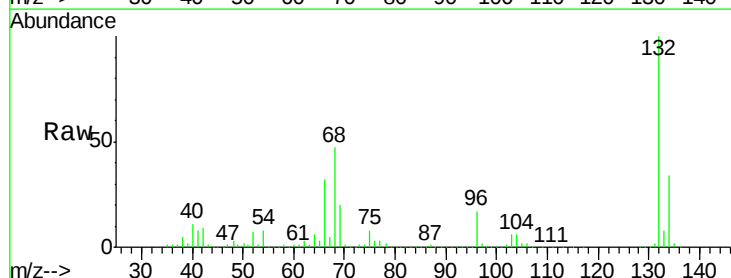
Tgt Ion: 77 Resp: 43549

Ion Ratio Lower Upper

77 100

105 74.1 83.0 123.0#

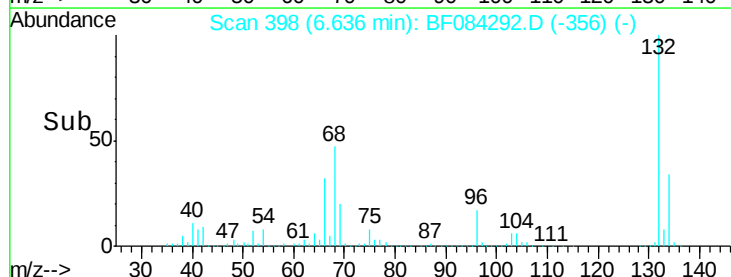
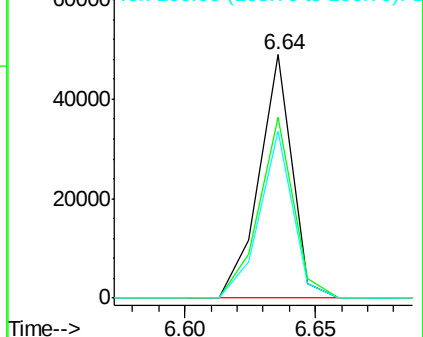
106 68.3 74.6 114.6#



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

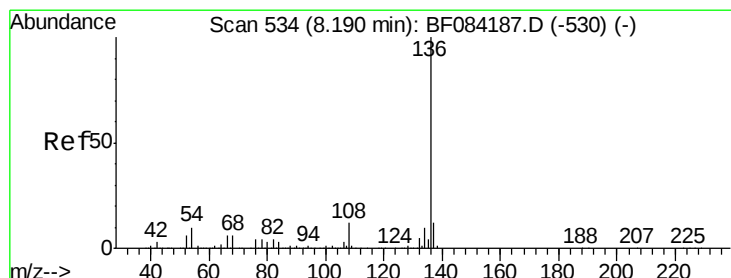
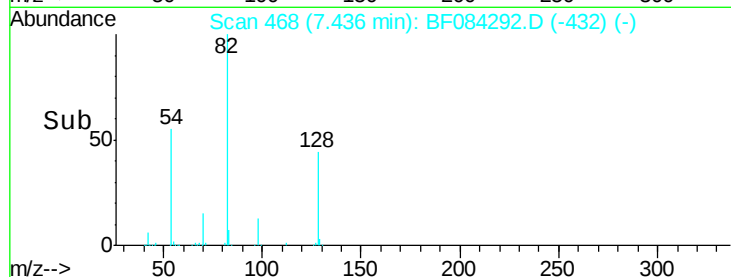
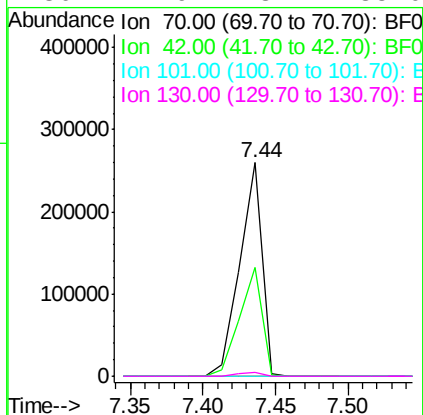
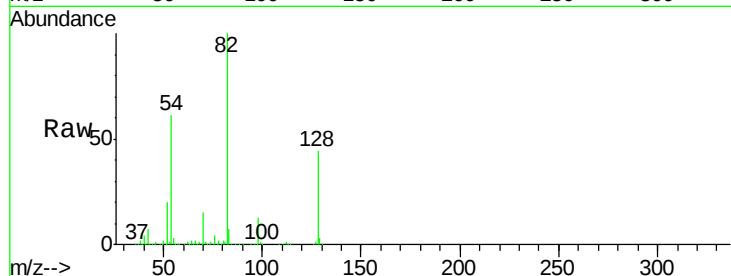




#19
n-Nitroso-di-n-propylamine
Concen: 18.69 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.11 min
Lab File: BF084292.D
Acq: 6 Jan 2016 16:30

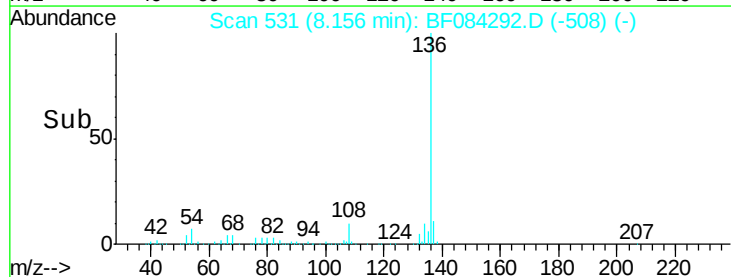
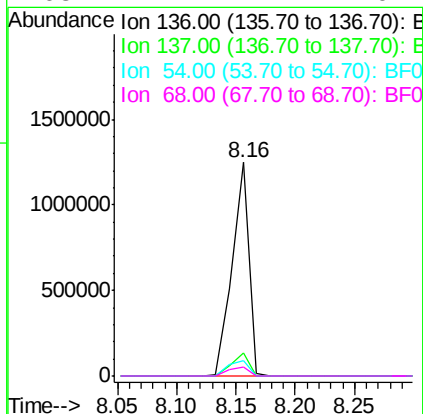
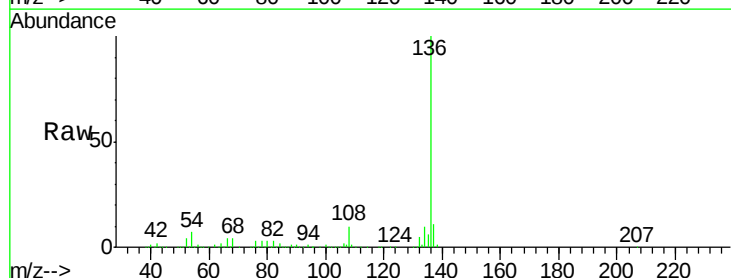
Instrument :
BNA_F
ClientSampleId :
FB

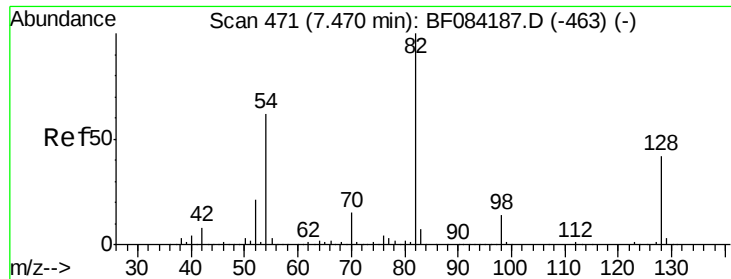
Tgt Ion: 70 Resp: 276025
Ion Ratio Lower Upper
70 100
42 50.7 33.3 49.9#
101 0.0 9.3 13.9#
130 1.9 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF084292.D
Acq: 6 Jan 2016 16:30

Tgt Ion: 136 Resp: 1219316
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.0 5.8 8.8
68 4.2 4.2 6.2

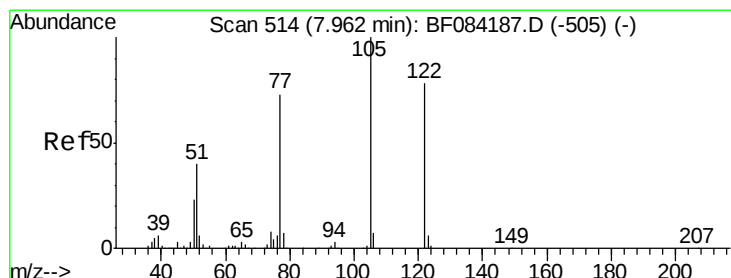
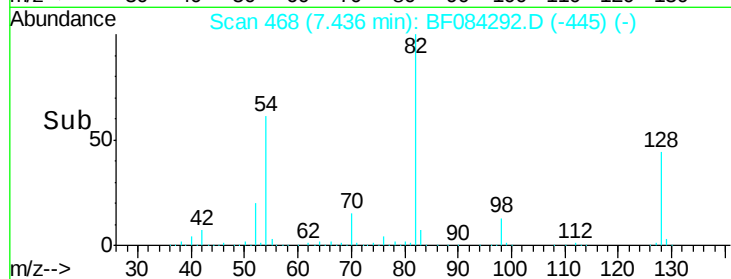
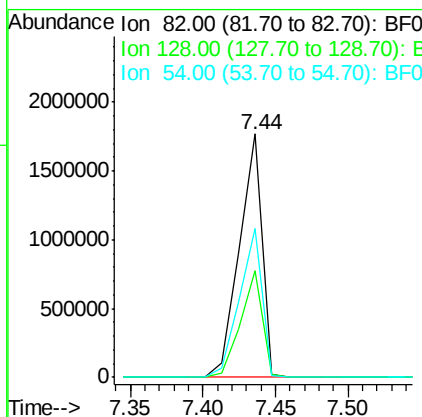
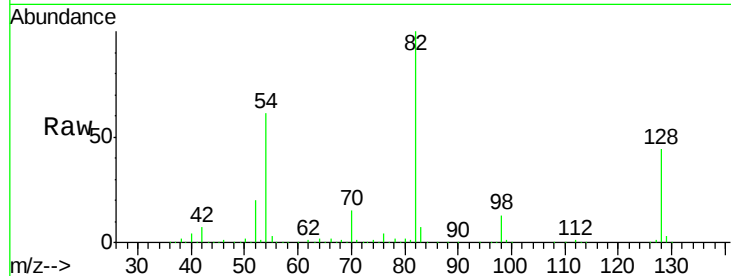




#23
 Nitrobenzene-d5
 Concen: 87.54 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF084292.D
 Acq: 6 Jan 2016 16:30

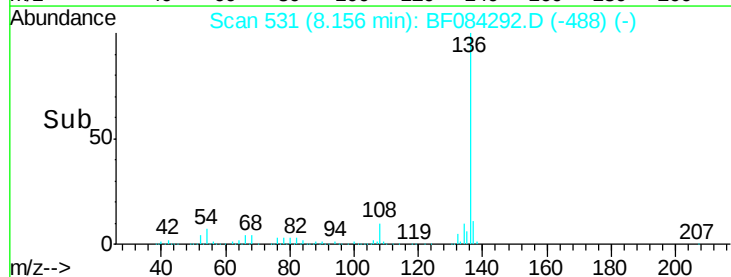
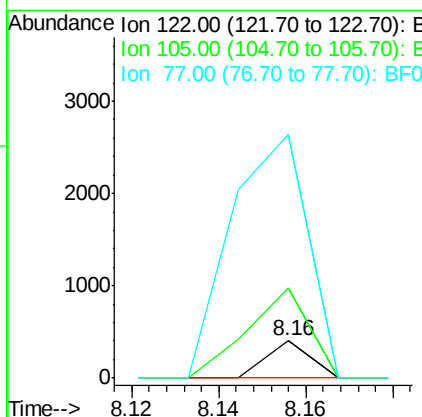
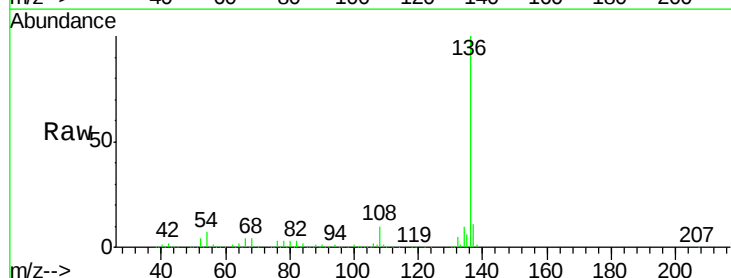
Instrument :
 BNA_F
 ClientSampled :
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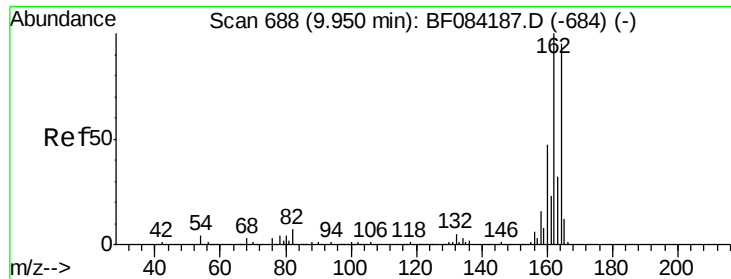
Tgt Ion: 82 Resp: 1917776
 Ion Ratio Lower Upper
 82 100
 128 44.0 34.6 51.8
 54 61.0 38.4 57.6#



#32
 Benzoic acid
 Concen: 6.27 ng
 RT: 8.16 min Scan# 531
 Delta R.T. 0.19 min
 Lab File: BF084292.D
 Acq: 6 Jan 2016 16:30

Tgt Ion: 122 Resp: 274
 Ion Ratio Lower Upper
 122 100
 105 242.5 100.3 140.3#
 77 659.3 63.5 103.5#

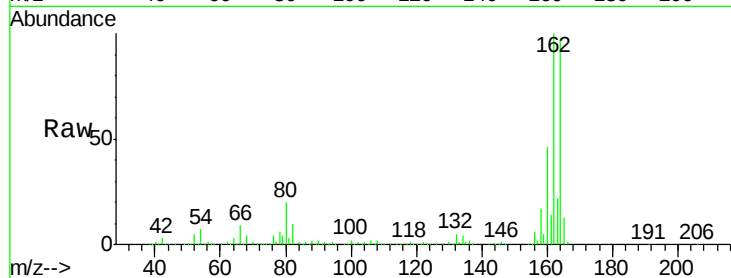




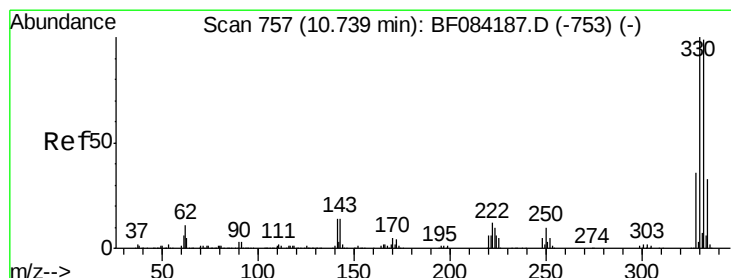
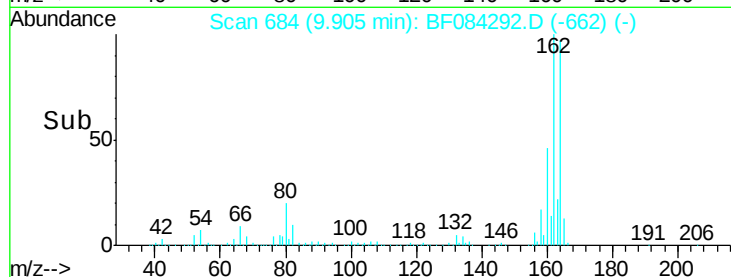
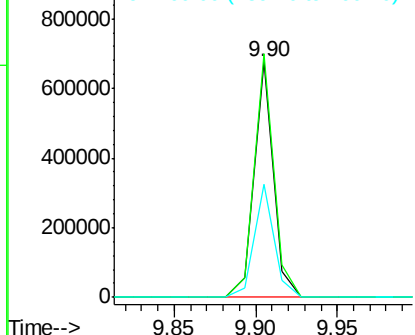
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF084292.D
Acq: 6 Jan 2016 16:30

Instrument :
BNA_F
ClientSampleId :
FB

Tgt Ion:164 Resp: 554032
Ion Ratio Lower Upper
164 100
162 103.3 85.1 127.7
160 47.9 37.5 56.3

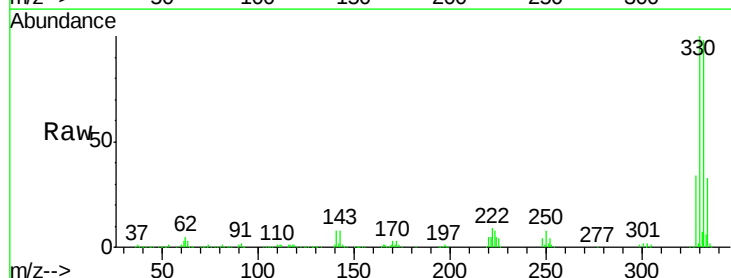


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

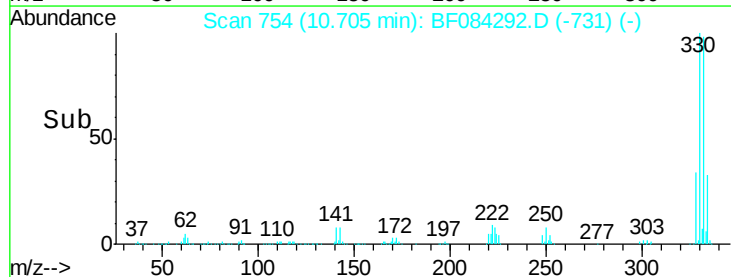
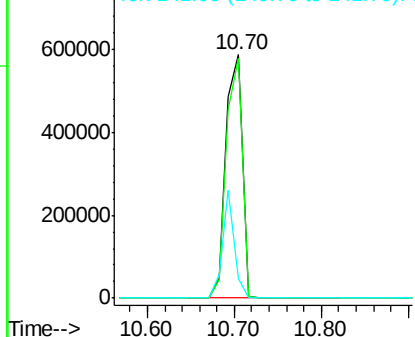


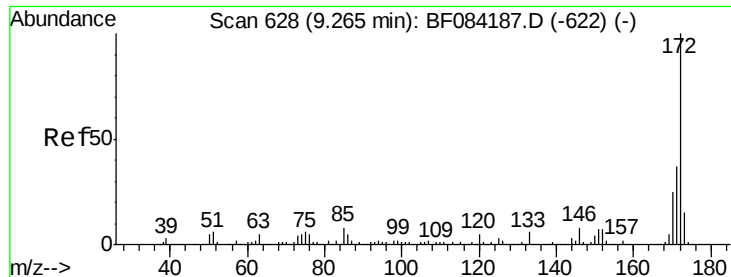
#41
2,4,6-Tribromophenol
Concen: 139.14 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.03 min
Lab File: BF084292.D
Acq: 6 Jan 2016 16:30

Tgt Ion:330 Resp: 778263
Ion Ratio Lower Upper
330 100
332 96.3 76.6 114.8
141 32.8 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

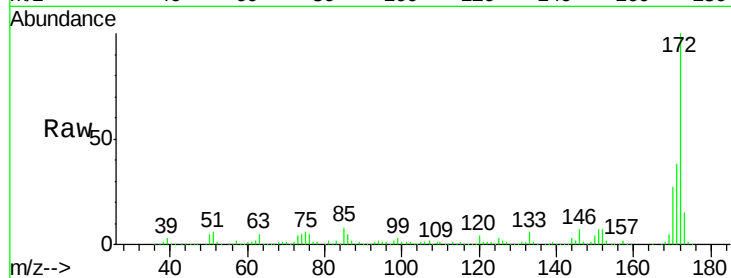




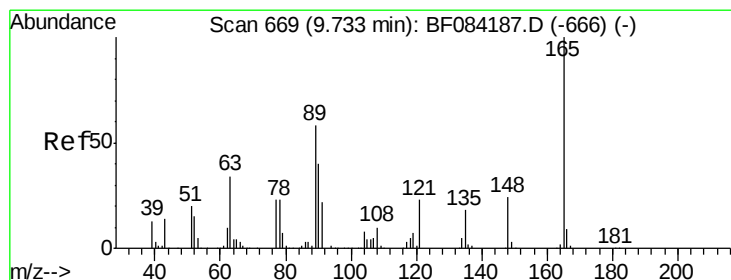
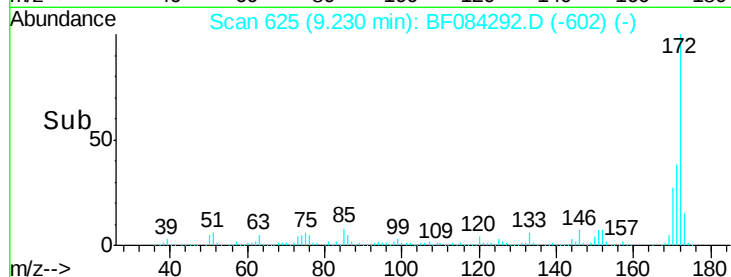
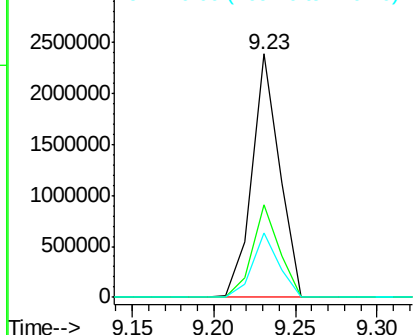
#44
 2-Fluorobiphenyl
 Concen: 88.84 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084292.D
 Acq: 6 Jan 2016 16:30

Instrument :
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 ClientSampleId :
 FB

Tgt Ion:172 Resp: 2789036
 Ion Ratio Lower Upper
 172 100
 171 38.0 28.9 43.3
 170 26.5 18.6 27.8

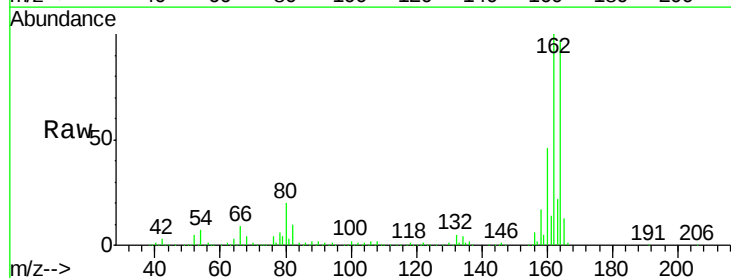


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

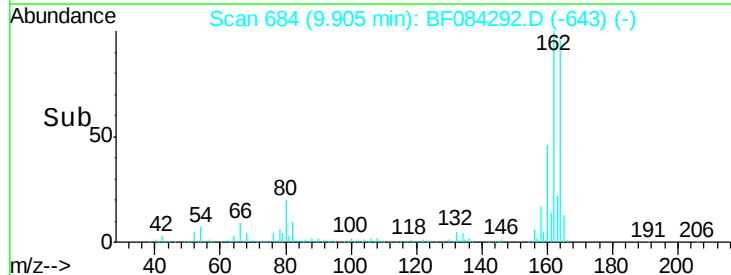
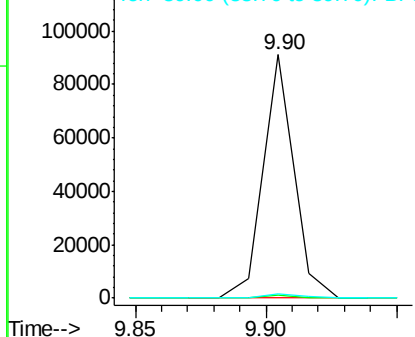


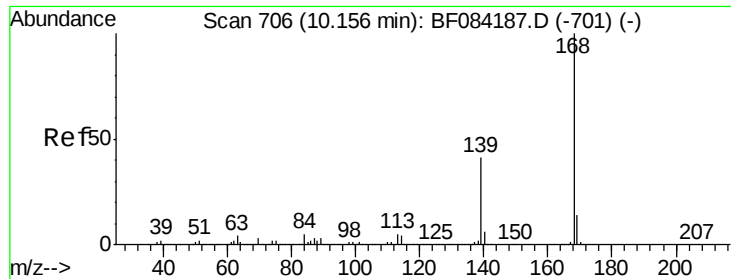
#50
 2,6-Dinitrotoluene
 Concen: 8.53 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.17 min
 Lab File: BF084292.D
 Acq: 6 Jan 2016 16:30

Tgt Ion:165 Resp: 74063
 Ion Ratio Lower Upper
 165 100
 63 1.3 28.8 43.2#
 89 1.9 35.1 52.7#



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

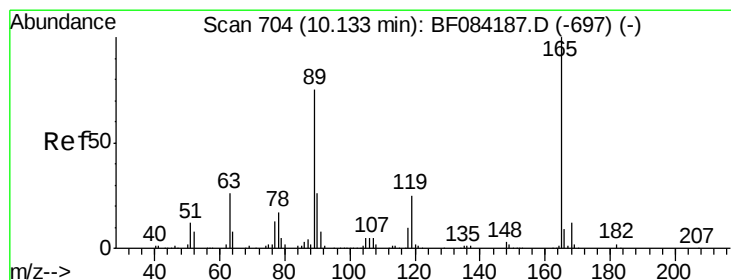
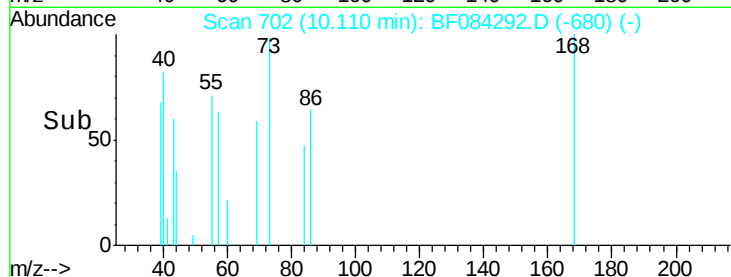
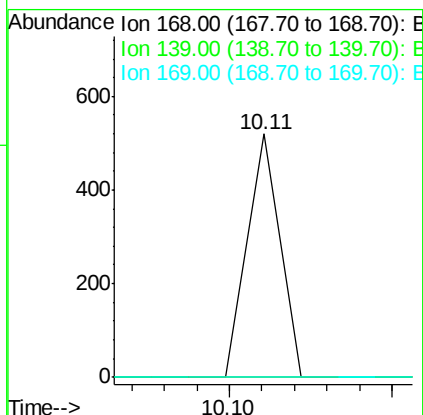
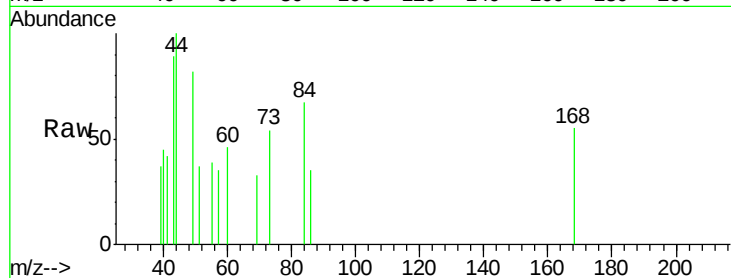




#54
Dibenzofuran
Concen: Below Cal
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084292.D
Acq: 6 Jan 2016 16:30

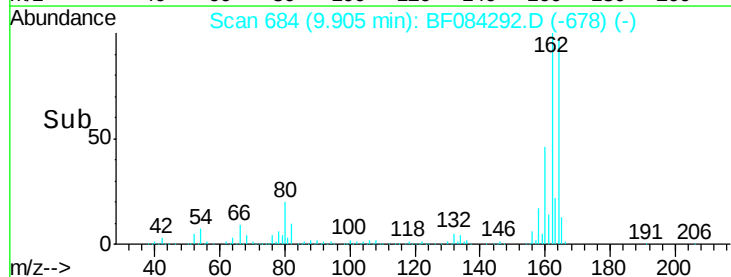
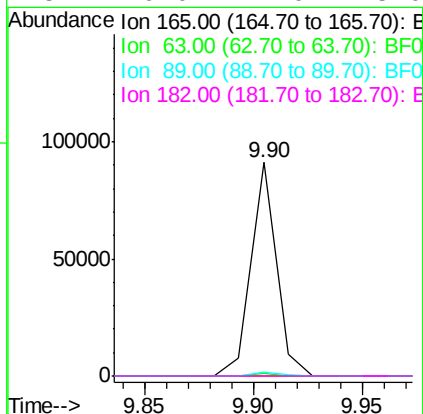
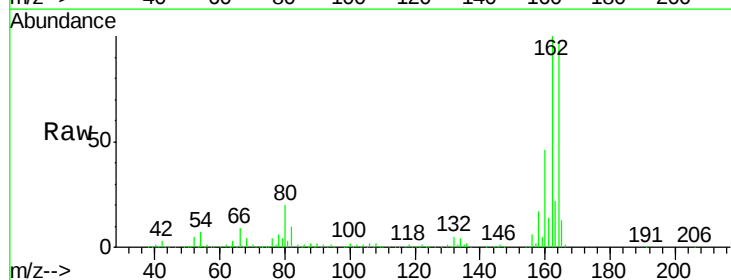
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BNA_F
ClientSampleId :
FB

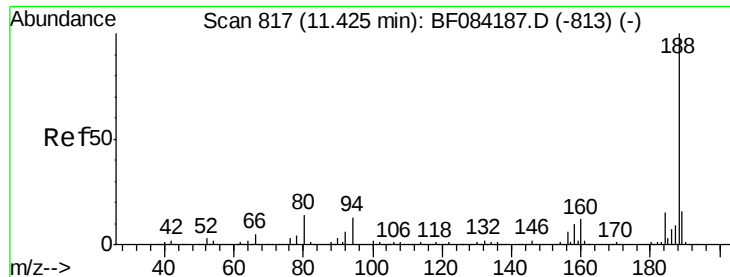
Tgt Ion:168 Resp: 357
Ion Ratio Lower Upper
168 100
139 0.0 30.5 45.7#
169 0.0 10.4 15.6#



#56
2,4-Dinitrotoluene
Concen: 6.74 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF084292.D
Acq: 6 Jan 2016 16:30

Tgt Ion:165 Resp: 74070
Ion Ratio Lower Upper
165 100
63 1.3 36.7 55.1#
89 1.9 61.9 92.9#
182 0.0 2.0 3.0#

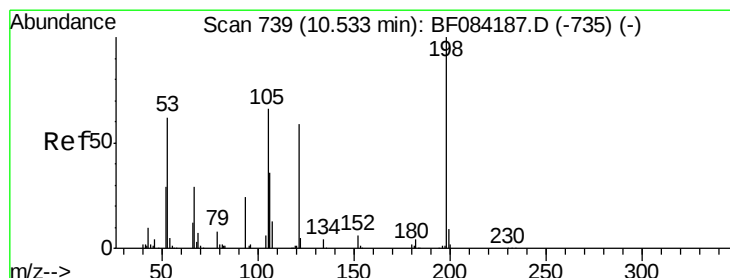
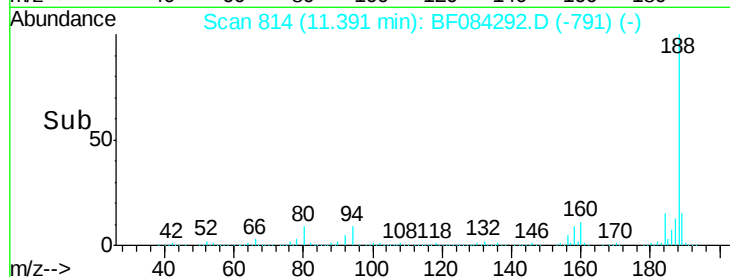
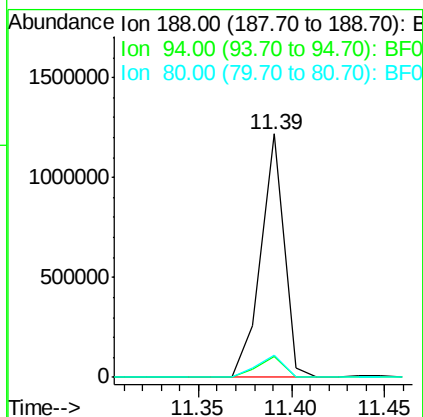
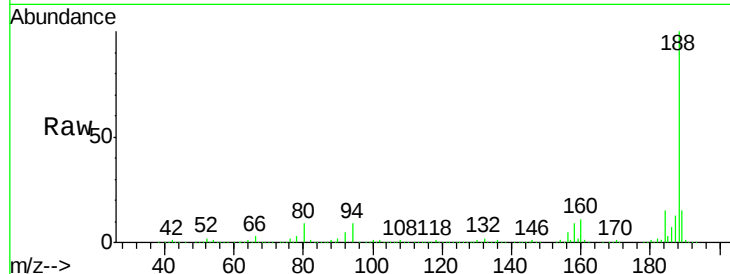




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.03 min
 Lab File: BF084292.D
 Acq: 6 Jan 2016 16:30

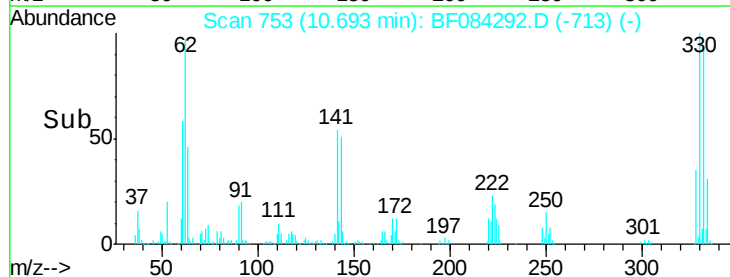
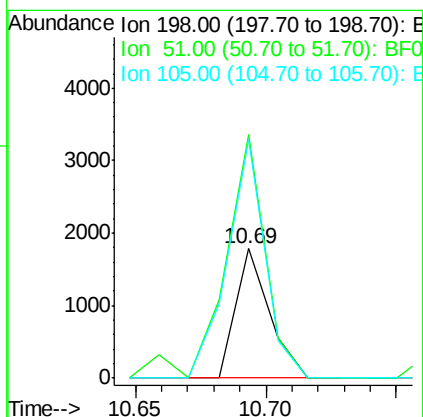
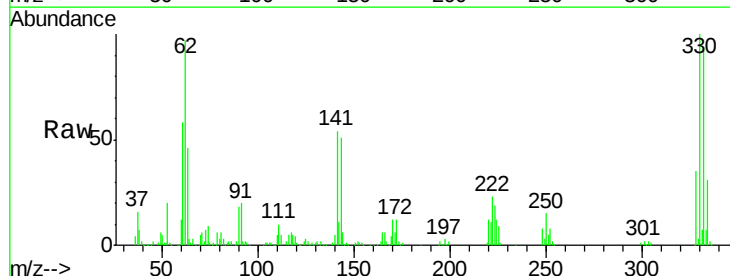
Instrument :
 BNA_F
 ClientSampleId :
 FB

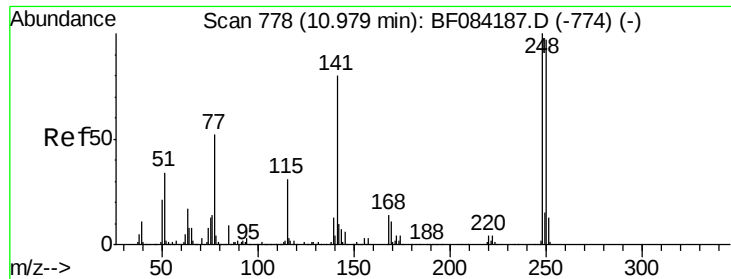
Tgt Ion:188 Resp: 1050412
 Ion Ratio Lower Upper
 188 100
 94 8.8 9.0 13.4#
 80 9.2 9.6 14.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.61 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.16 min
 Lab File: BF084292.D
 Acq: 6 Jan 2016 16:30

Tgt Ion:198 Resp: 1598
 Ion Ratio Lower Upper
 198 100
 51 188.6 18.9 58.9#
 105 185.2 26.4 66.4#

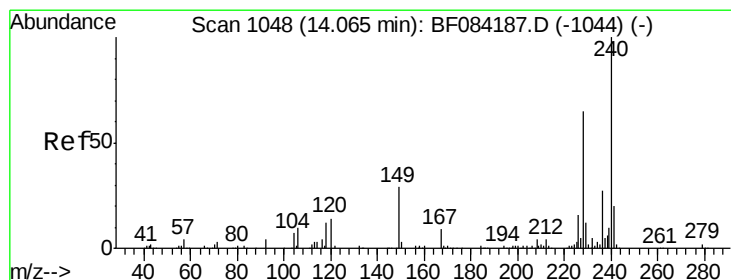
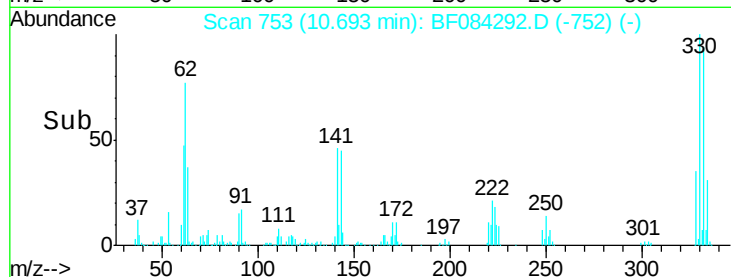
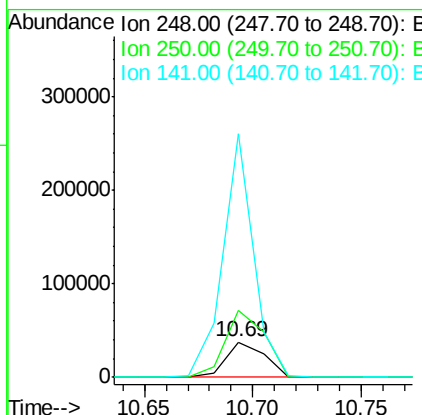
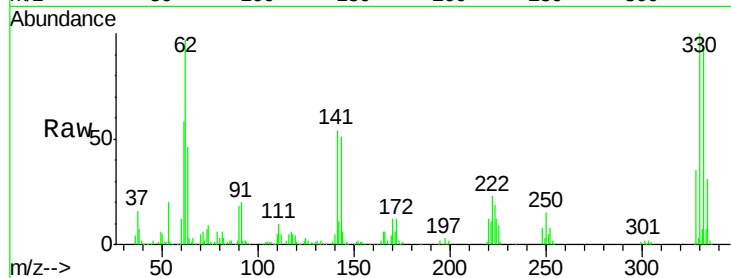




#66
4-Bromophenyl-phenylether
Concen: 4.10 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.29 min
Lab File: BF084292.D
Acq: 6 Jan 2016 16:30

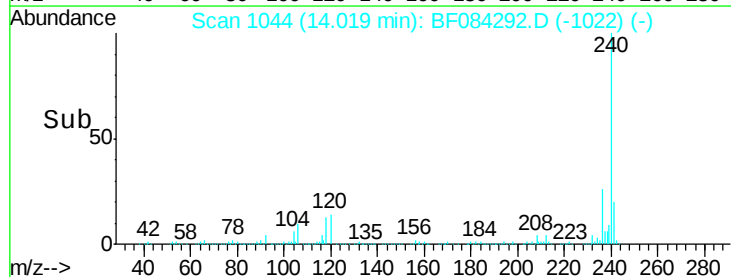
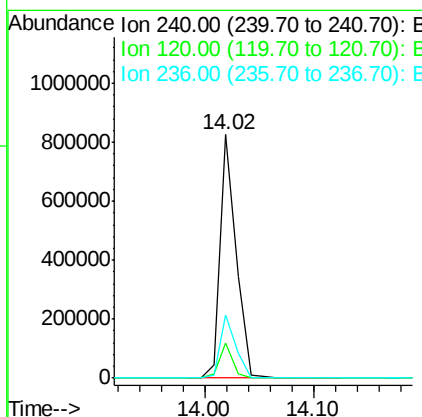
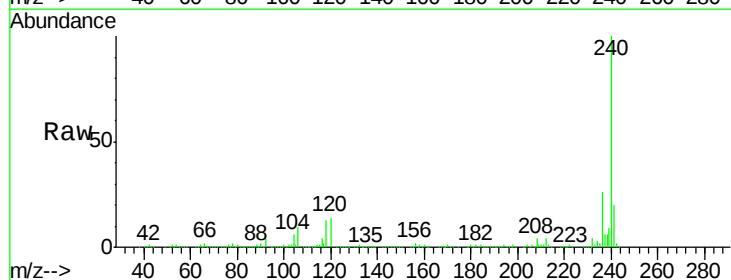
Instrument :
BNA_F
ClientSampleId :
FB

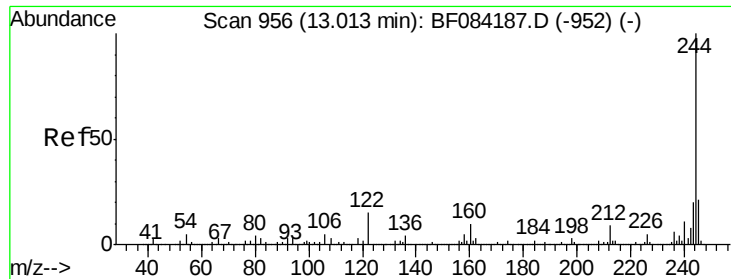
Tgt Ion:248 Resp: 46313
Ion Ratio Lower Upper
248 100
250 191.1 78.4 117.6#
141 692.4 44.0 66.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084292.D
Acq: 6 Jan 2016 16:30

Tgt Ion:240 Resp: 849293
Ion Ratio Lower Upper
240 100
120 14.3 9.5 14.3
236 26.0 20.6 31.0

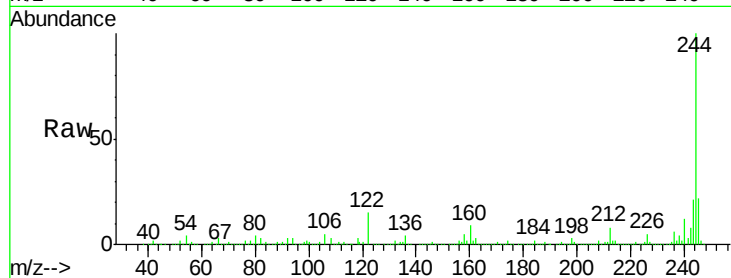




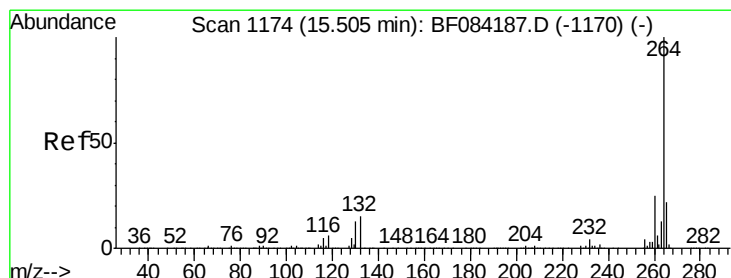
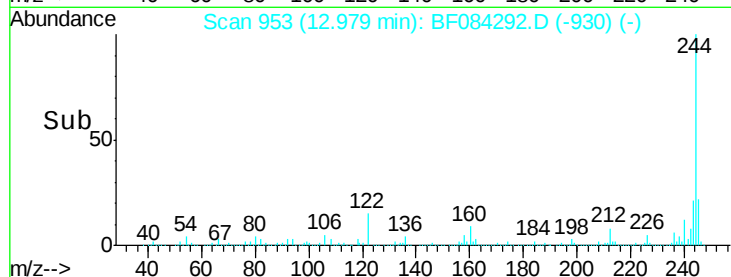
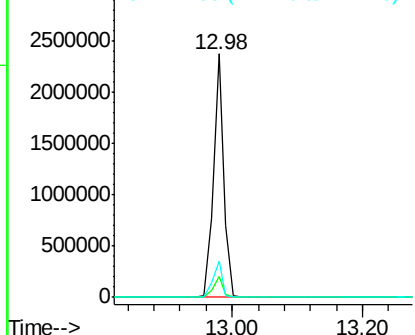
#78
 Terphenyl-d14
 Concen: 70.10 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF084292.D
 Acq: 6 Jan 2016 16:30

Instrument :
 BNA_F
 ClientSampled :
 FB

Tgt Ion:244 Resp: 2667045
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.7 8.5
 122 15.1 7.4 11.0#

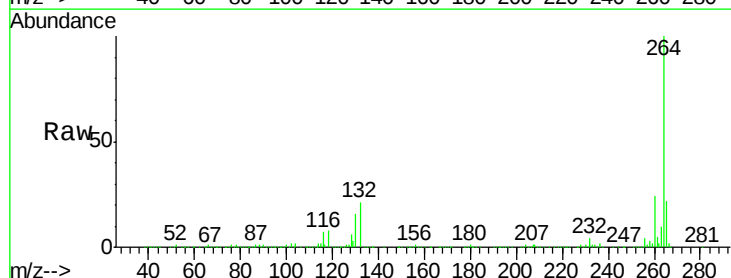


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF084292.D
 Acq: 6 Jan 2016 16:30

Tgt Ion:264 Resp: 686006
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 22.2 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

