

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050216\
 Data File : BF086616.D
 Acq On : 2 May 2016 14:35
 Operator : UM/SJ
 Sample : H2716-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-8(12-25FTBGS)

Quant Time: May 03 01:15:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	165744	20.00	ng	-0.05
21) Naphthalene-d8	8.04	136	712175	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	347257	20.00	ng	-0.06
63) Phenanthrene-d10	11.28	188	671552	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	566802	20.00	ng	-0.07
86) Perylene-d12	15.29	264	249638	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	1271639	132.34	ng	-0.02
7) Phenol-d6	6.41	99	1575678	117.49	ng	-0.03
23) Nitrobenzene-d5	7.32	82	1079440	81.70	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	455694	124.44	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1838280	94.95	ng	-0.06
78) Terphenyl-d14	12.86	244	2085180	81.05	ng	-0.05

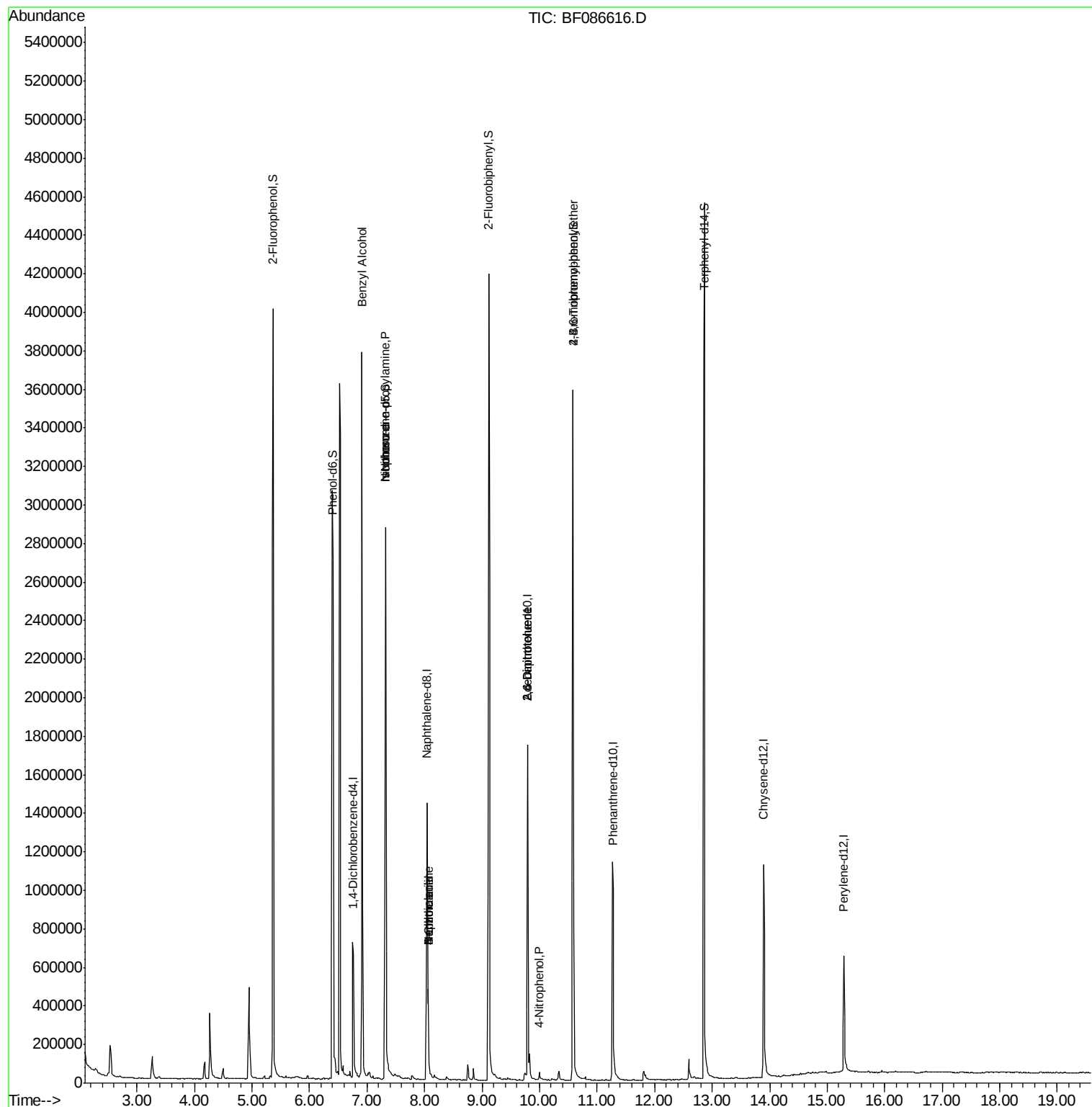
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.91	79	18593	2.19	ng	# 40
19) n-Nitroso-di-n-propylamine	7.32	70	149201	16.83	ng	# 74
25) Isophorone	7.32	82	841531	33.09	ng	# 68
31) Naphthalene	8.06	128	254377	7.02	ng	# 99
32) Benzoic acid	8.06	122	563	8.85	ng	# 1
33) 4-Chloroaniline	8.06	127	32695	2.41	ng	# 37
50) 2,6-Dinitrotoluene	9.79	165	43838	8.12	ng	# 21
55) 4-Nitrophenol	10.00	139	9112	2.27	ng	# 14
56) 2,4-Dinitrotoluene	9.79	165	44081	6.40	ng	# 16
66) 4-Bromophenyl-phenylether	10.58	248	27327	3.95	ng	# 1

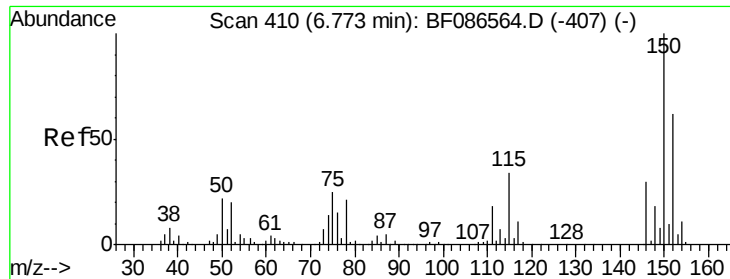
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.05 min

Lab File: BF086616.D

Acq: 2 May 2016 14:35

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-8(12-25FTBGS)

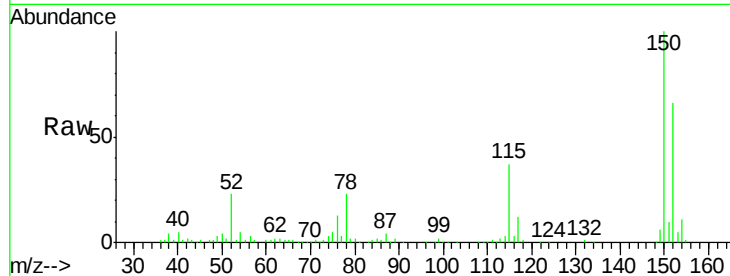
Tgt Ion:152 Resp: 165744

Ion Ratio Lower Upper

152 100

150 151.5 125.8 188.6

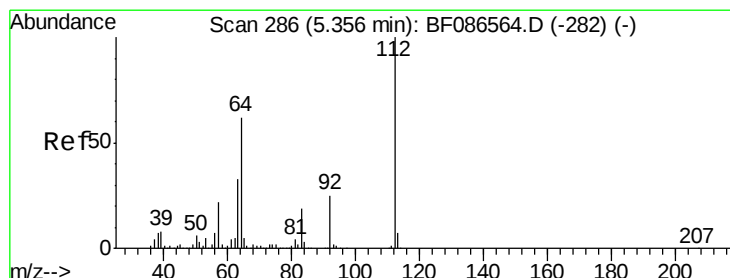
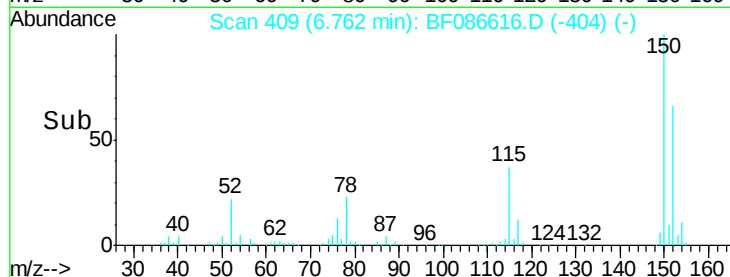
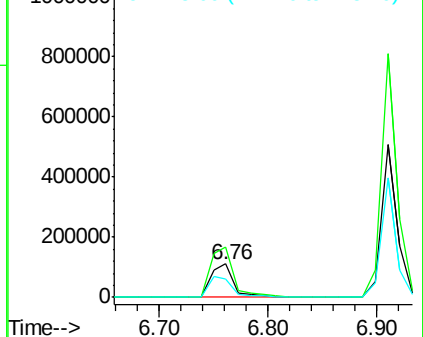
115 56.2 51.5 77.3



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: 132.34 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086616.D

Acq: 2 May 2016 14:35

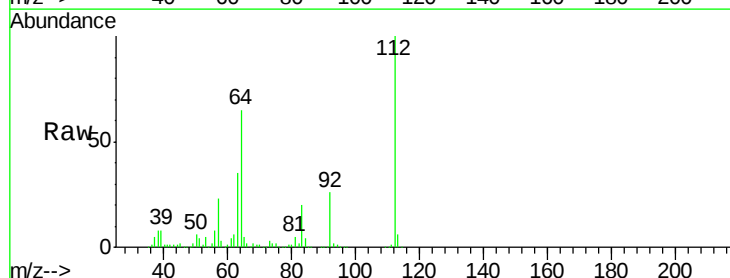
Tgt Ion:112 Resp: 1271639

Ion Ratio Lower Upper

112 100

64 65.0 52.1 78.1

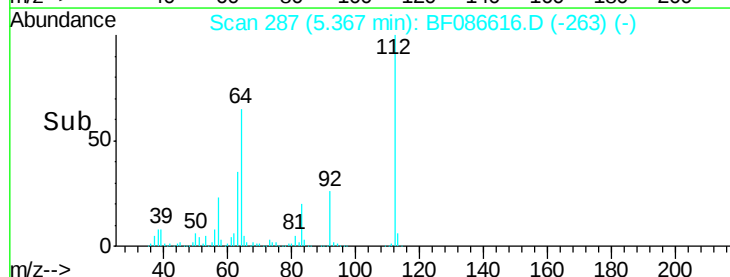
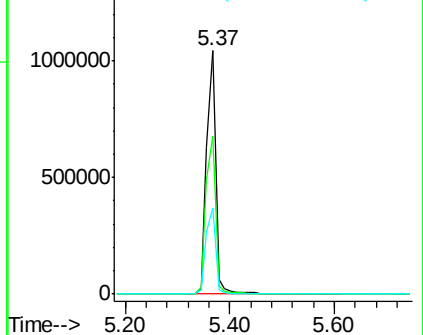
63 35.3 25.7 38.5



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: 117.49 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086616.D

Acq: 2 May 2016 14:35

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-8(12-25FTBGS)

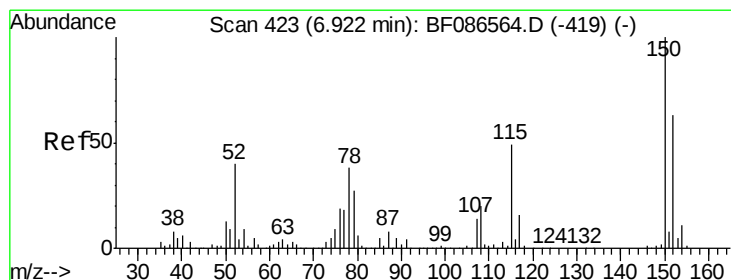
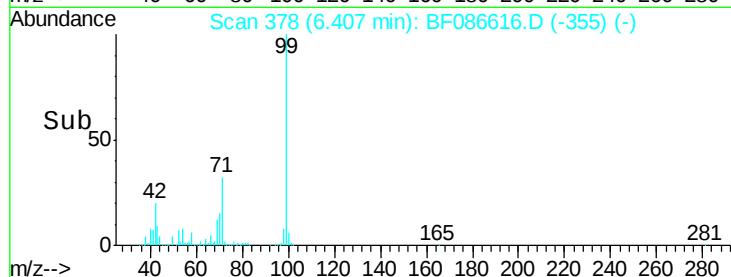
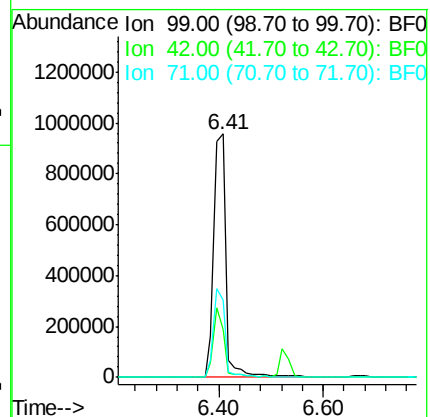
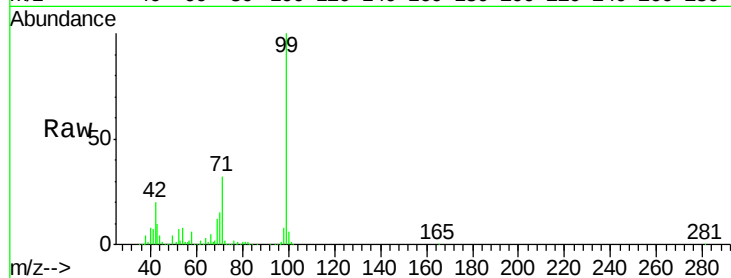
Tgt Ion: 99 Resp: 1575678

Ion Ratio Lower Upper

99 100

42 19.8 13.6 20.4

71 31.5 24.6 36.8



#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.05 min

Lab File: BF086616.D

Acq: 2 May 2016 14:35

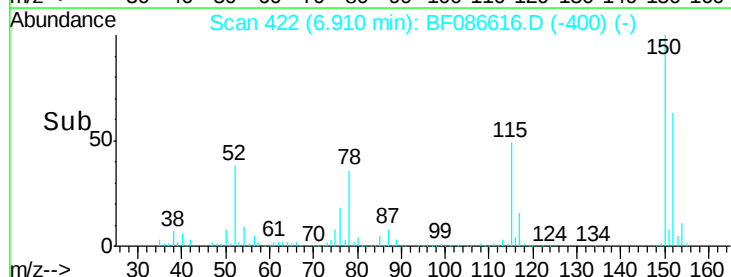
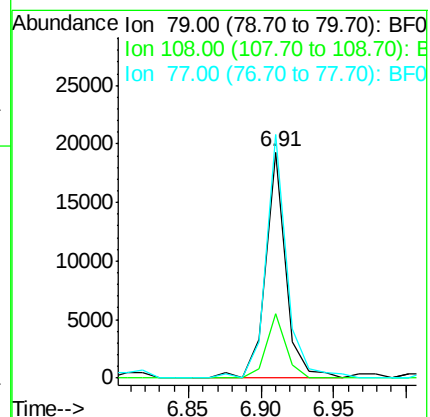
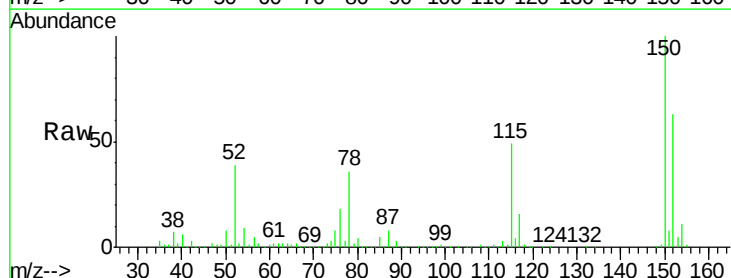
Tgt Ion: 79 Resp: 18593

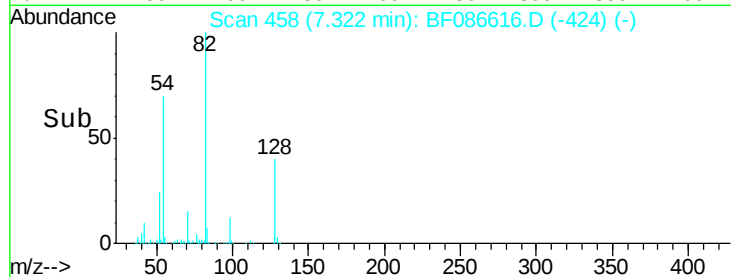
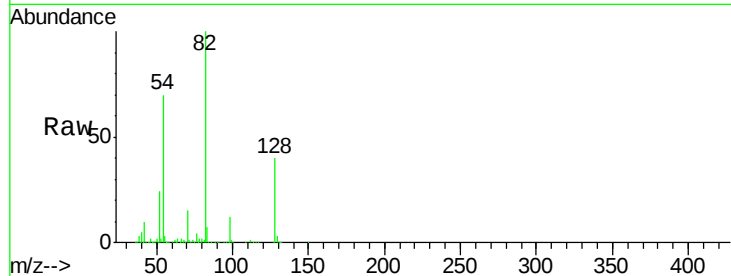
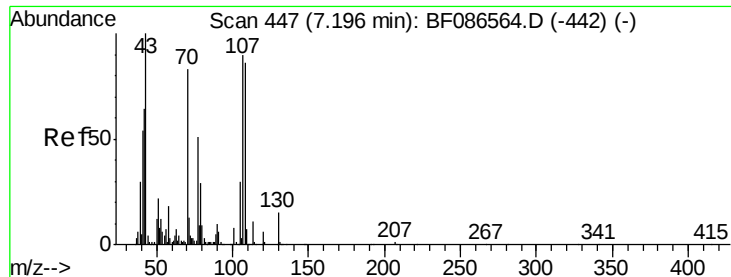
Ion Ratio Lower Upper

79 100

108 28.6 68.4 102.6#

77 107.7 50.6 76.0#

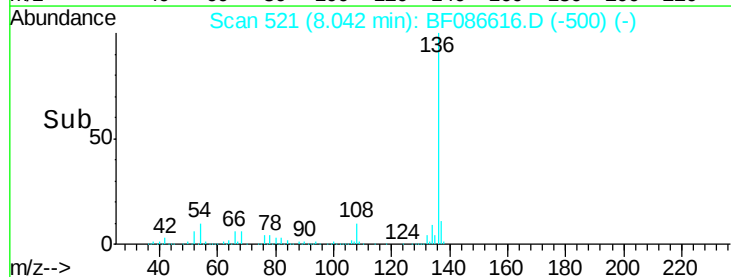
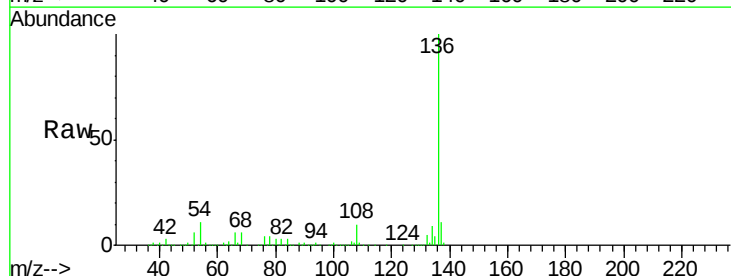
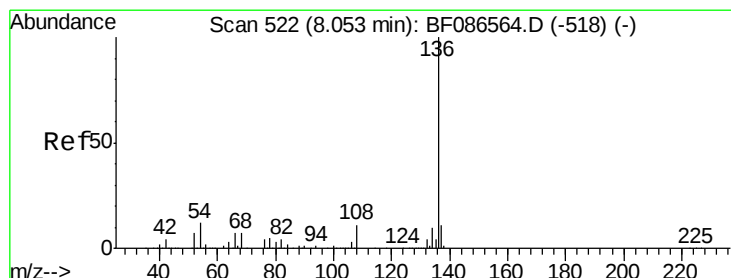
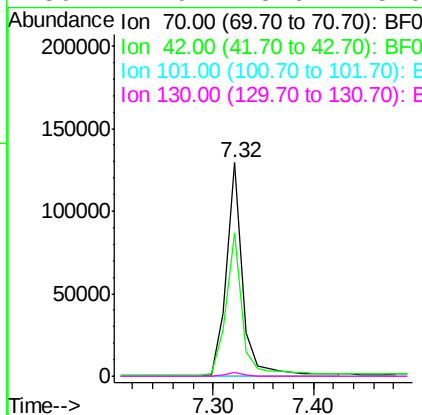




#19
n-Nitroso-di-n-propylamine
Concen: 16.83 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.09 min
Lab File: BF086616.D
Acq: 2 May 2016 14:35

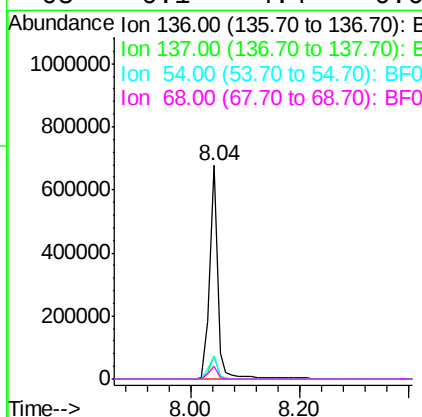
Instrument :
BNA_F
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26WARD-3-CS-8(12-25FTBGS)

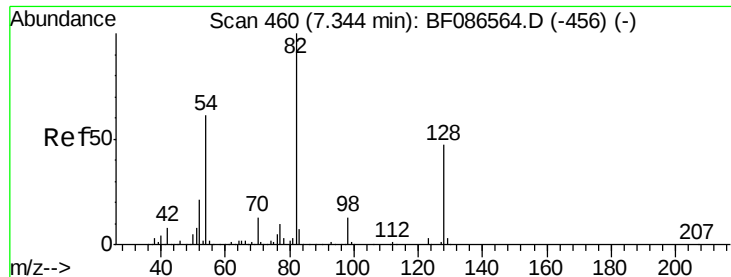
Tgt Ion:	70	Resp:	149201
Ion Ratio	Lower	Upper	
70	100		
42	66.8	43.1	64.7#
101	0.0	8.1	12.1#
130	1.9	18.6	28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF086616.D
Acq: 2 May 2016 14:35

Tgt Ion:	136	Resp:	712175
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.8	13.2
54	10.5	5.0	7.4#
68	6.1	4.4	6.6

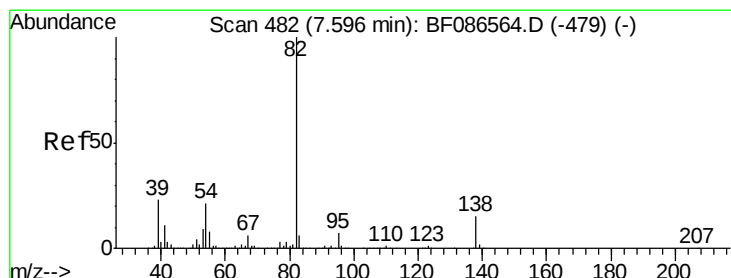
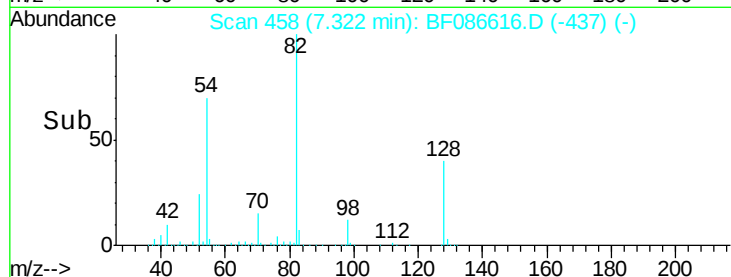
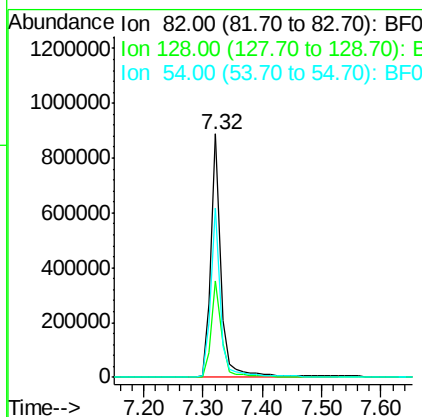
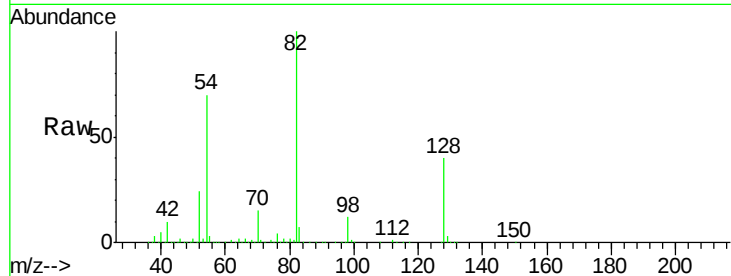




#23
 Nitrobenzene-d5
 Concen: 81.70 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.06 min
 Lab File: BF086616.D
 Acq: 2 May 2016 14:35

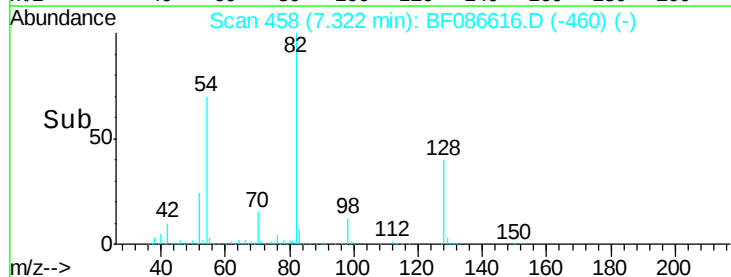
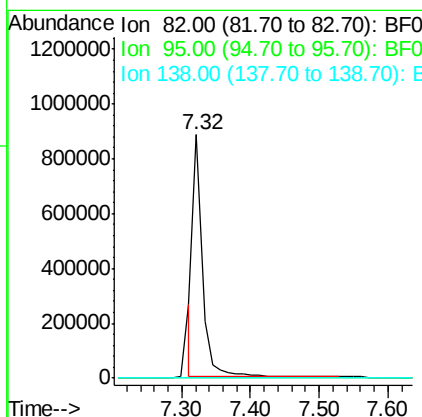
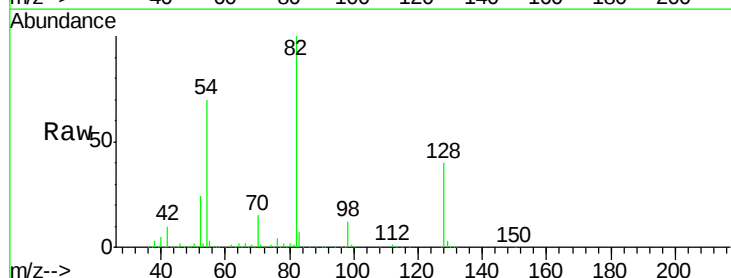
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-8(12-25FTBGS)

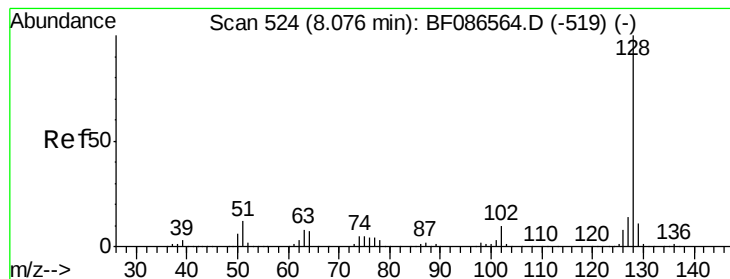
Tgt Ion: 82 Resp: 1079440
 Ion Ratio Lower Upper
 82 100
 128 39.8 40.6 61.0#
 54 69.8 38.1 57.1#



#25
 Isophorone
 Concen: 33.09 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.32 min
 Lab File: BF086616.D
 Acq: 2 May 2016 14:35

Tgt Ion: 82 Resp: 841531
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#





#31

Naphthalene

Concen: 7.02 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.05 min

Lab File: BF086616.D

Acq: 2 May 2016 14:35

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-8(12-25FTBGS)

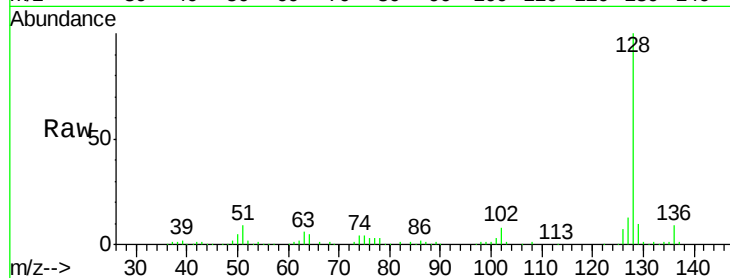
Tgt Ion:128 Resp: 254377

Ion Ratio Lower Upper

128 100

129 10.3 8.6 13.0

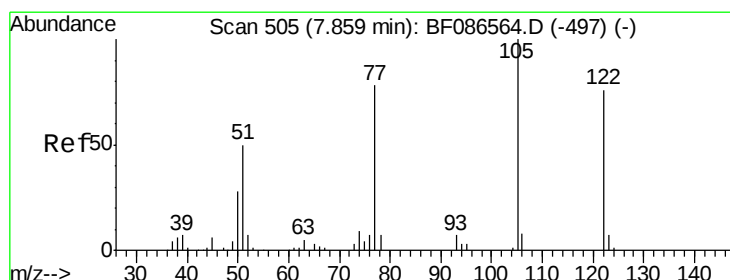
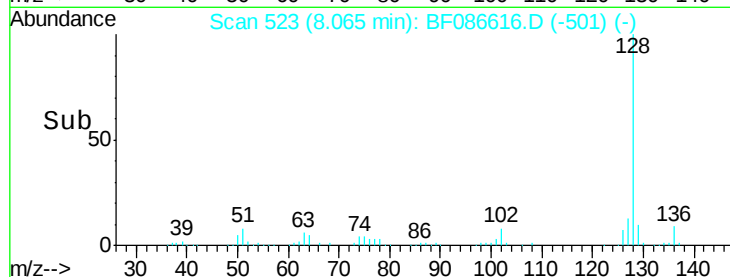
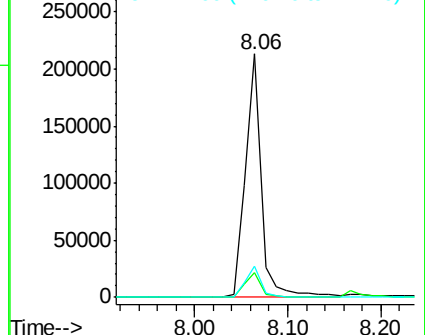
127 13.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.85 ng

RT: 8.06 min Scan# 523

Delta R.T. 0.17 min

Lab File: BF086616.D

Acq: 2 May 2016 14:35

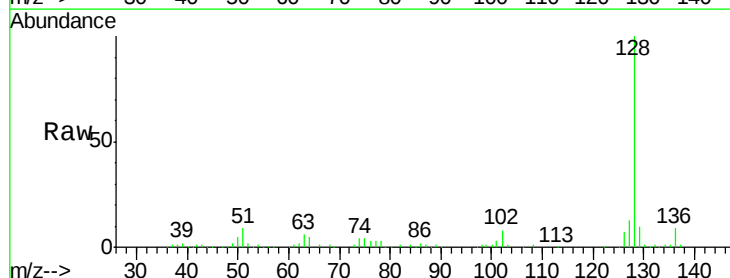
Tgt Ion:122 Resp: 563

Ion Ratio Lower Upper

122 100

105 0.0 92.6 132.6#

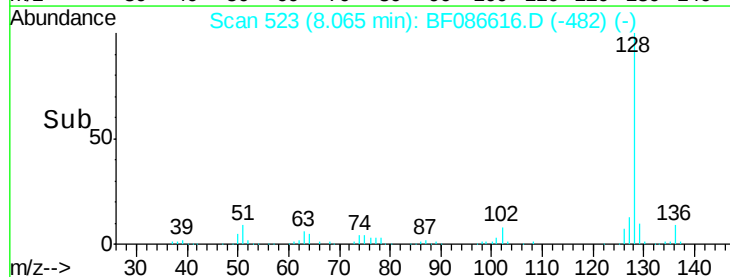
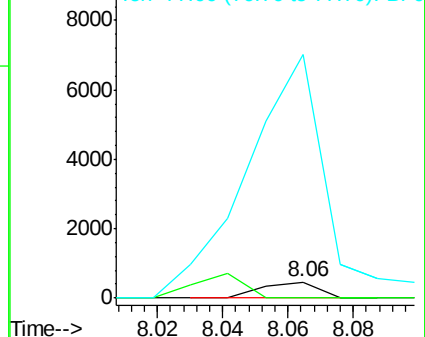
77 1493.0 60.0 100.0#

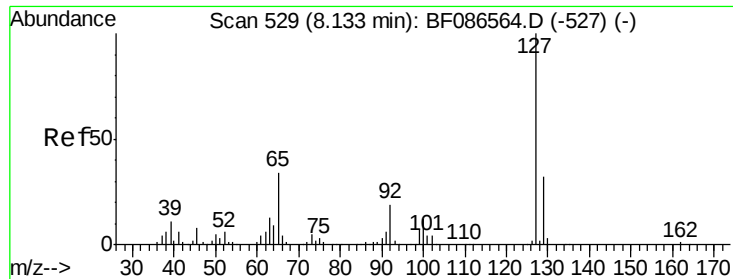


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

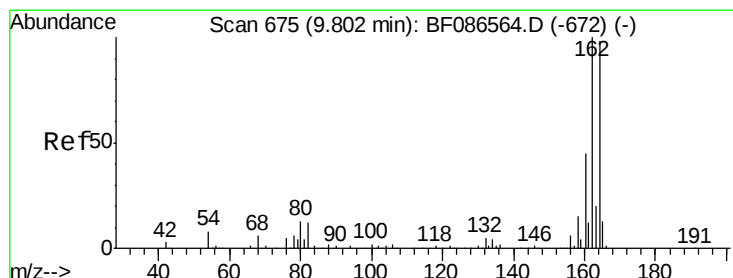
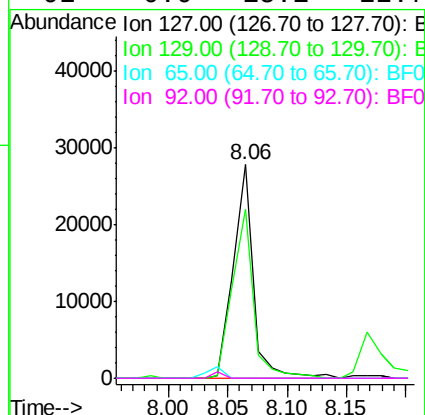
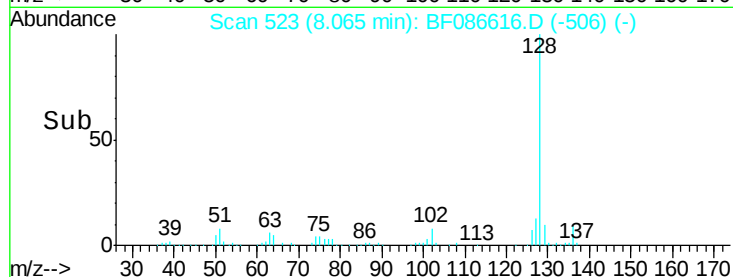
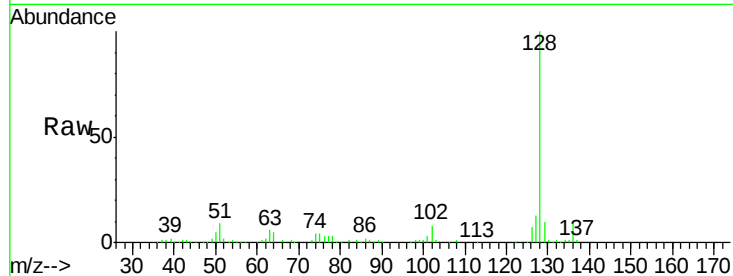




#33
4-Chloroaniline
Concen: 2.41 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.10 min
Lab File: BF086616.D
Acq: 2 May 2016 14:35

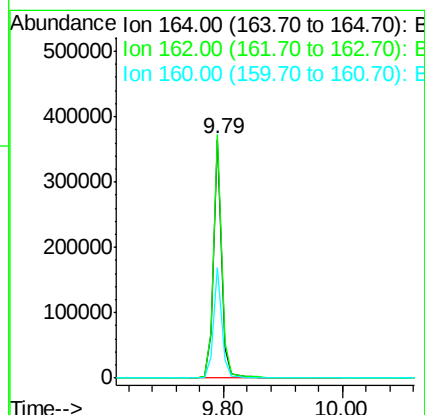
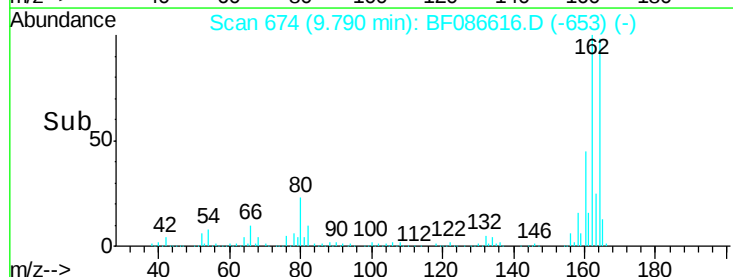
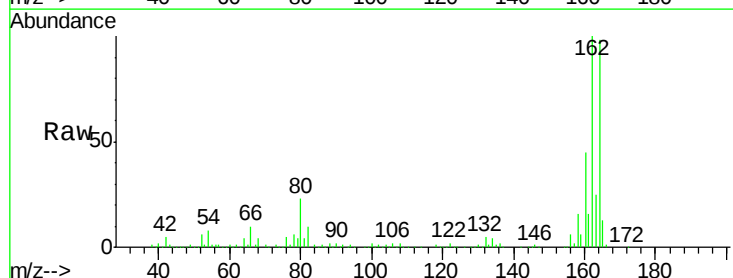
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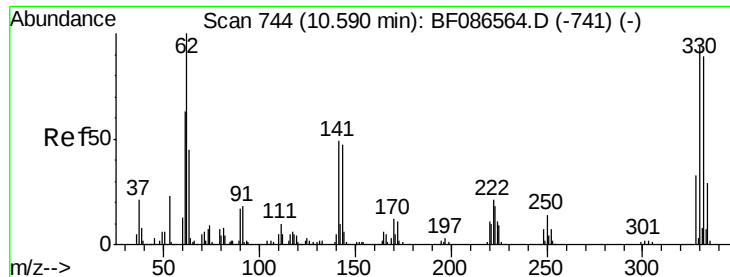
Tgt Ion:	127	Resp:	32695
Ion	Ratio	Lower	Upper
127	100		
129	79.1	26.2	39.4#
65	0.0	23.0	34.4#
92	0.0	15.1	22.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.06 min
Lab File: BF086616.D
Acq: 2 May 2016 14:35

Tgt Ion:	164	Resp:	347257
Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.8	124.2
160	46.3	36.9	55.3

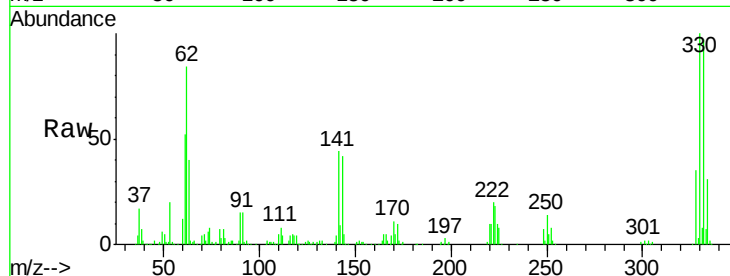




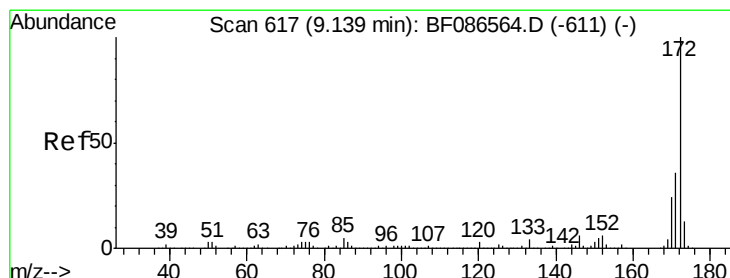
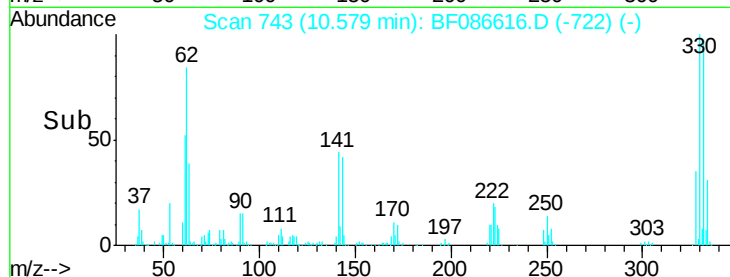
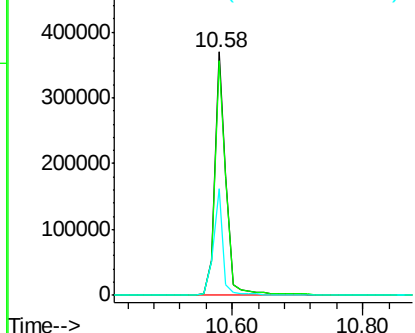
#41
 2,4,6-Tribromophenol
 Concen: 124.44 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086616.D
 Acq: 2 May 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-8(12-25FTBGS)

Tgt Ion:330 Resp: 455694
 Ion Ratio Lower Upper
 330 100
 332 97.7 79.0 118.4
 141 37.8 31.2 46.8

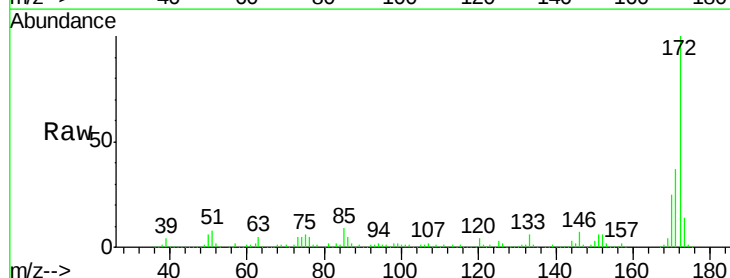


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

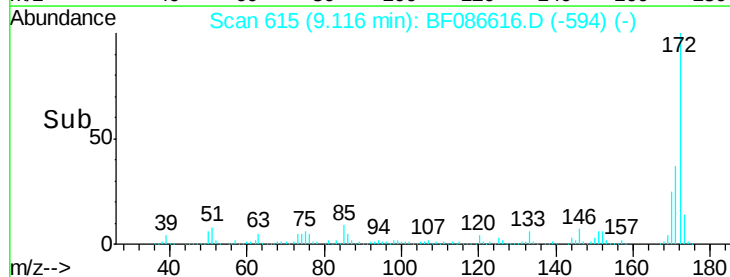
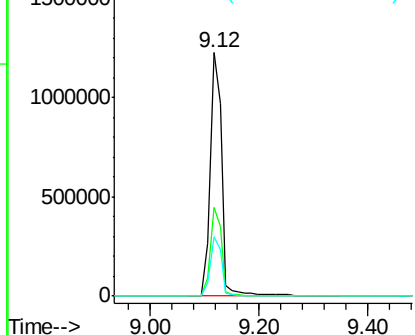


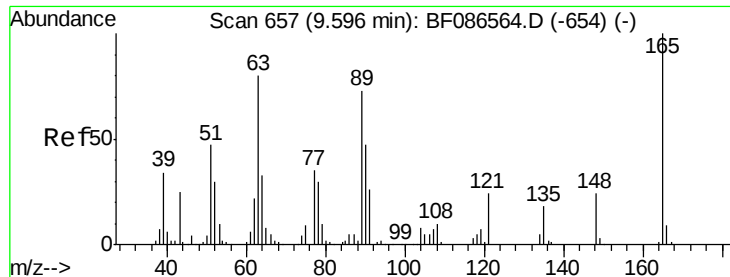
#44
 2-Fluorobiphenyl
 Concen: 94.95 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086616.D
 Acq: 2 May 2016 14:35

Tgt Ion:172 Resp: 1838280
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.6 19.8 29.8



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

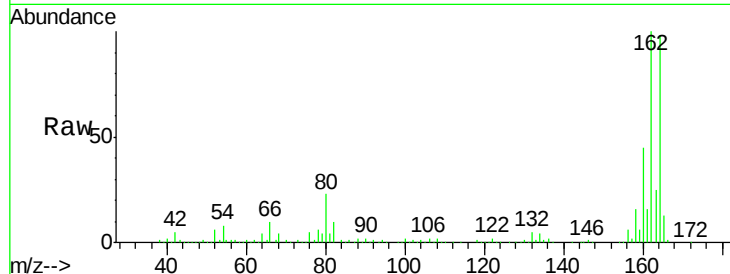




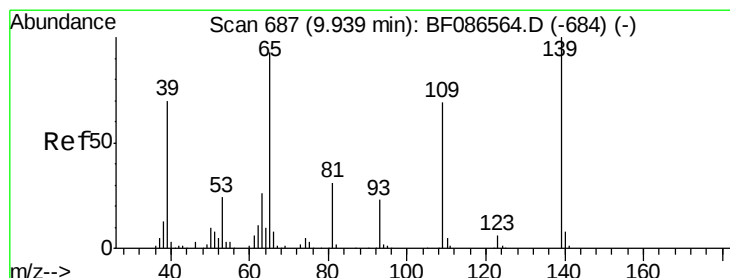
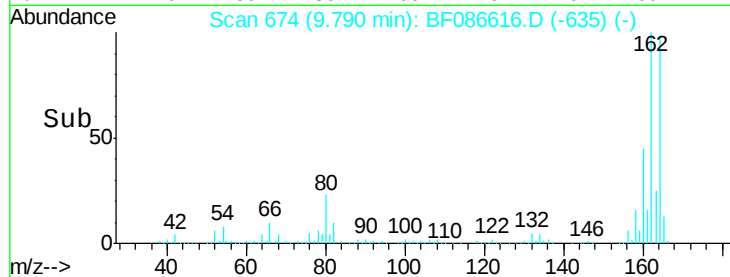
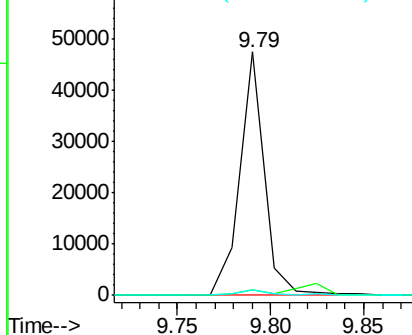
#50
 2,6-Dinitrotoluene
 Concen: 8.12 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.15 min
 Lab File: BF086616.D
 Acq: 2 May 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-8(12-25FTBGS)

Tgt Ion:165 Resp: 43838
 Ion Ratio Lower Upper
 165 100
 63 2.0 51.8 77.8#
 89 2.2 50.7 76.1#

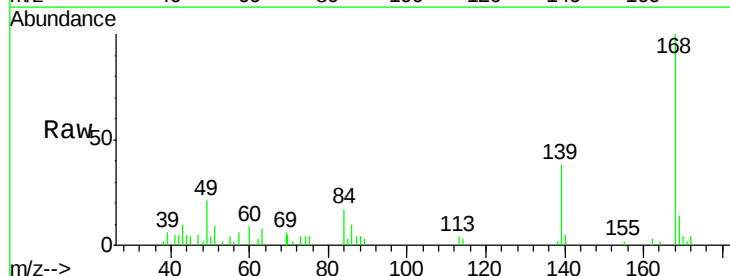


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

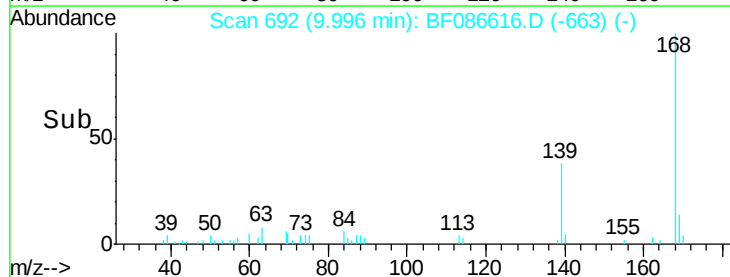
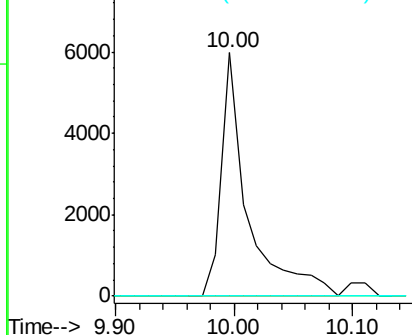


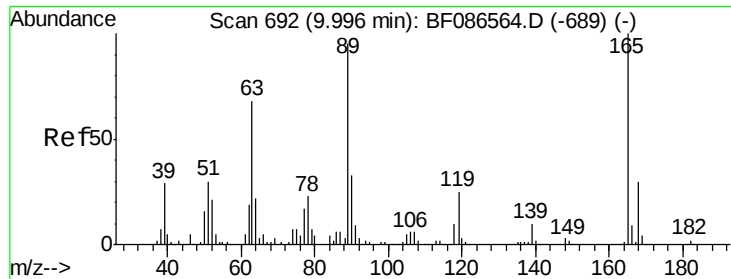
#55
 4-Nitrophenol
 Concen: 2.27 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.03 min
 Lab File: BF086616.D
 Acq: 2 May 2016 14:35

Tgt Ion:139 Resp: 9112
 Ion Ratio Lower Upper
 139 100
 109 0.0 36.9 76.9#
 65 0.0 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

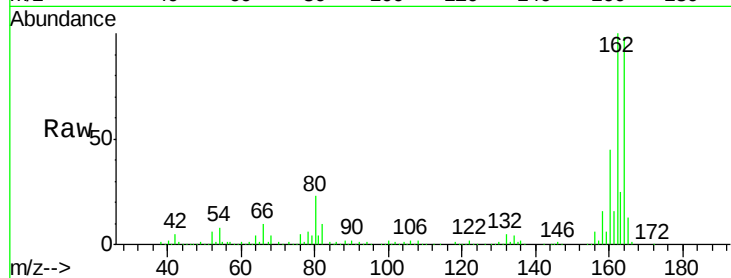




#56
 2,4-Dinitrotoluene
 Concen: 6.40 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.25 min
 Lab File: BF086616.D
 Acq: 2 May 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-8(12-25FTBGS)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.3	66.5#
89	2.2	70.0	105.0#
182	0.0	1.8	2.6#

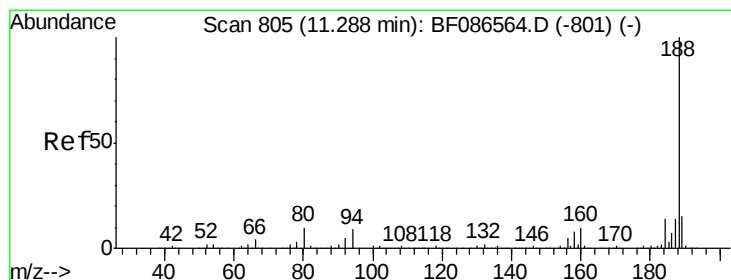
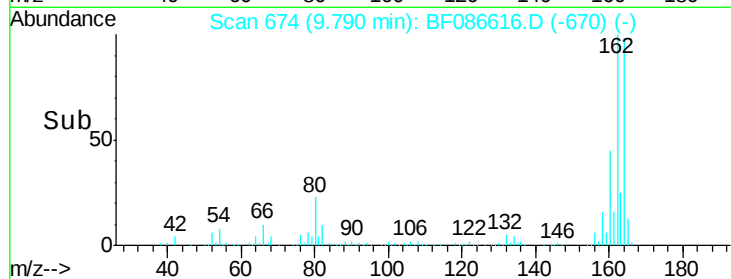
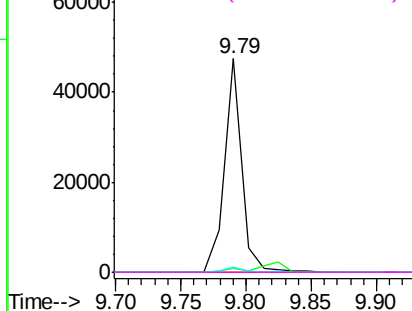


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

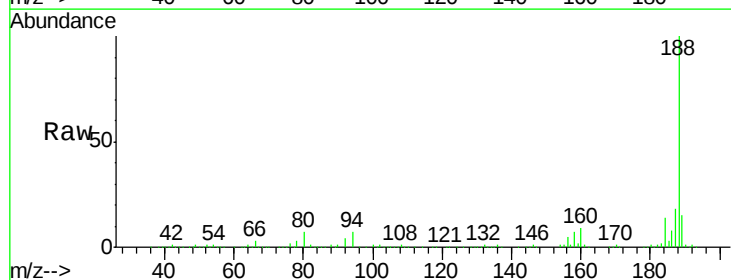
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086616.D
 Acq: 2 May 2016 14:35

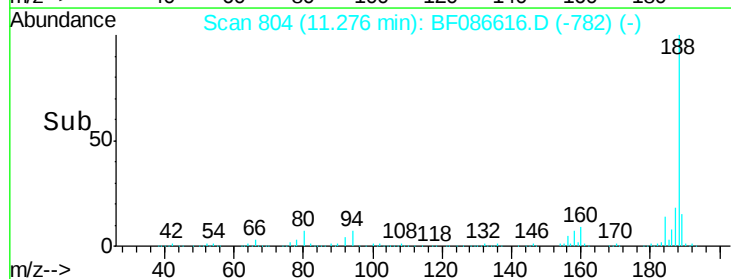
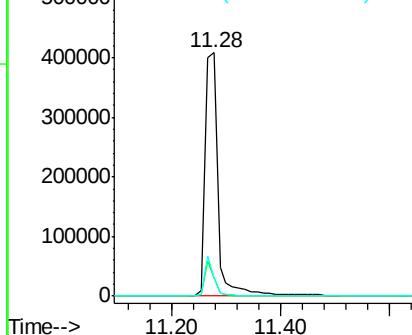
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.8	10.2
80	7.4	7.1	10.7

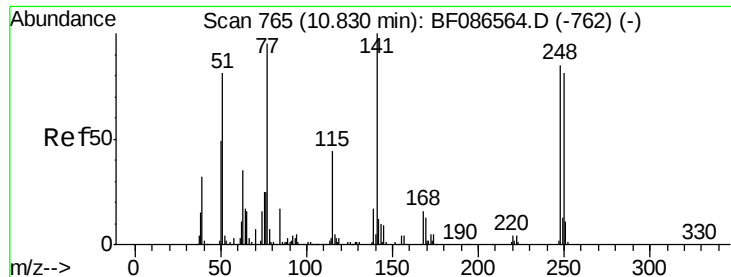


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.95 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.30 min

Lab File: BF086616.D

Acq: 2 May 2016 14:35

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-8(12-25FTBGS)

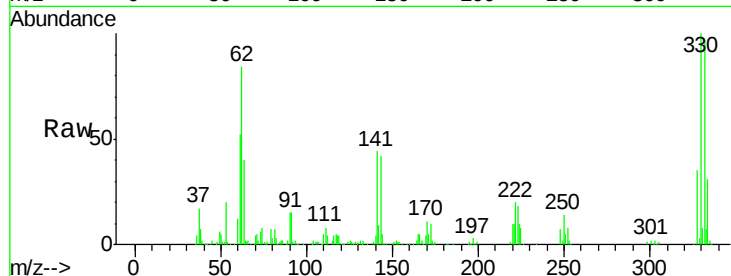
Tgt Ion:248 Resp: 27327

Ion Ratio Lower Upper

248 100

250 197.0 78.6 117.8#

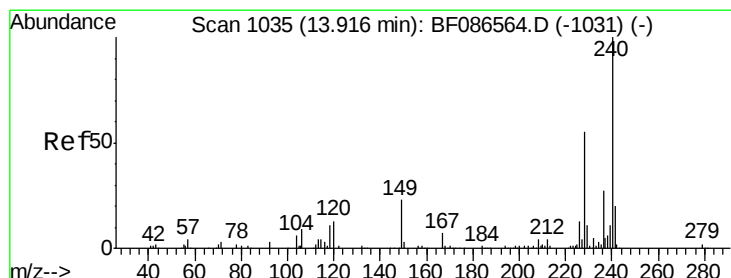
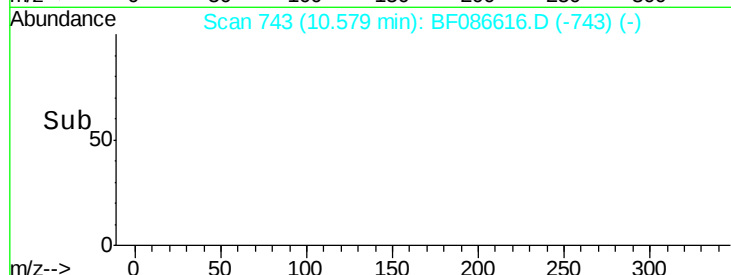
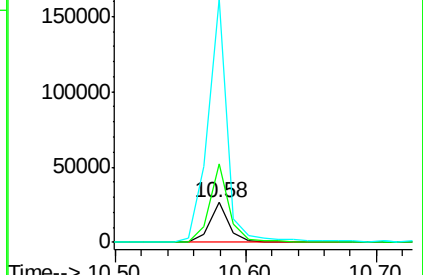
141 613.0 76.0 114.0#



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: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF086616.D

Acq: 2 May 2016 14:35

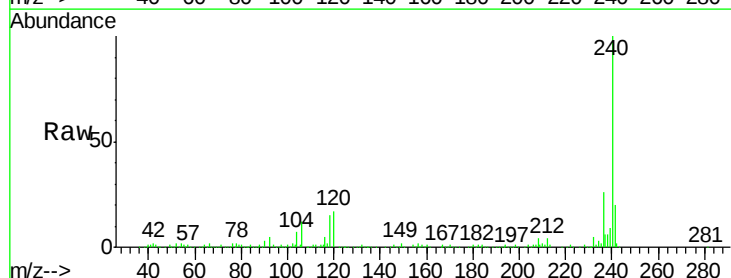
Tgt Ion:240 Resp: 566802

Ion Ratio Lower Upper

240 100

120 17.1 11.2 16.8#

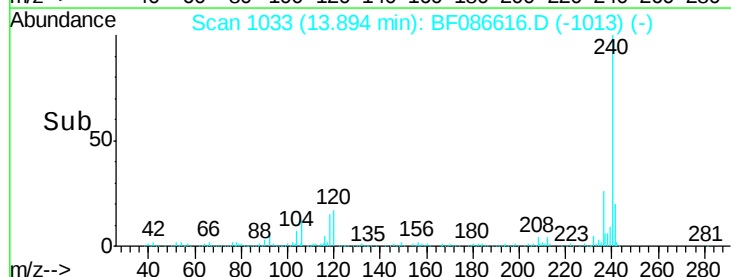
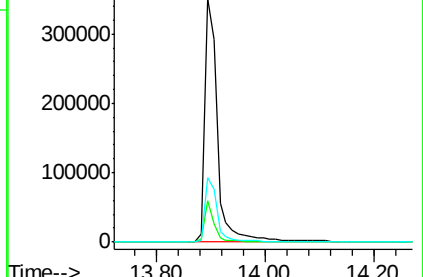
236 26.3 21.2 31.8

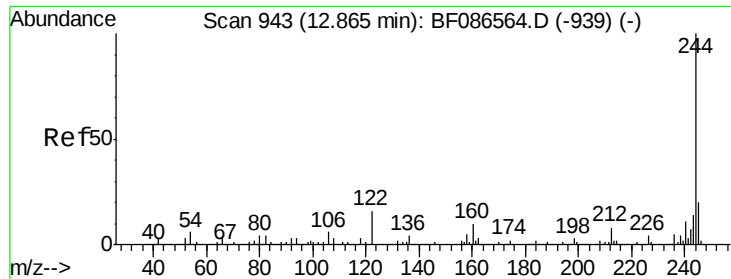


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

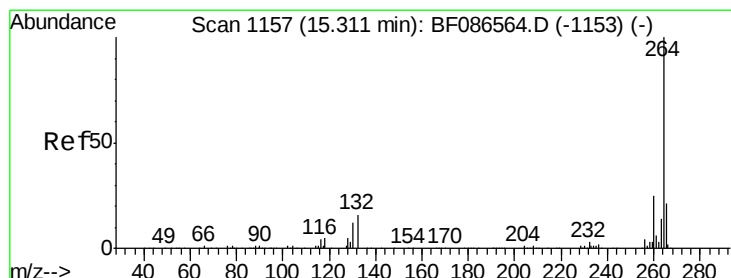
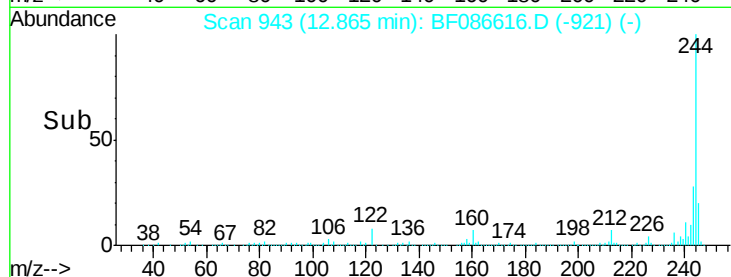
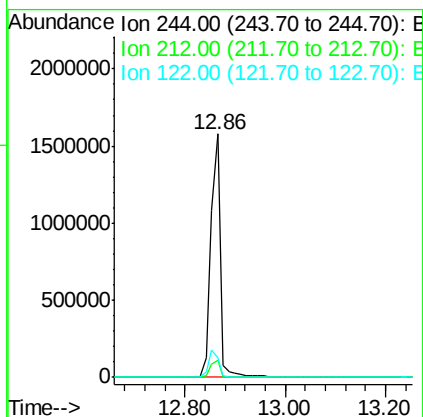
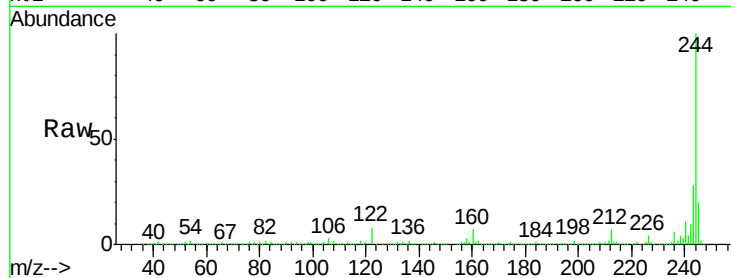




#78
 Terphenyl-d14
 Concen: 81.05 ng
 RT: 12.86 min Scan# 943
 Delta R.T. -0.05 min
 Lab File: BF086616.D
 Acq: 2 May 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-8(12-25FTBGS)

Tgt Ion:244 Resp: 2085180
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 8.2 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.07 min
 Lab File: BF086616.D
 Acq: 2 May 2016 14:35

Tgt Ion:264 Resp: 249638
 Ion Ratio Lower Upper
 264 100
 260 27.5 19.5 29.3
 265 20.6 17.3 25.9

