

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082408.D
 Acq On : 21 Oct 2015 17:06
 Operator : UM/IZ
 Sample : G4099-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151019MGP210BRV88

Quant Time: Oct 22 09:52:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

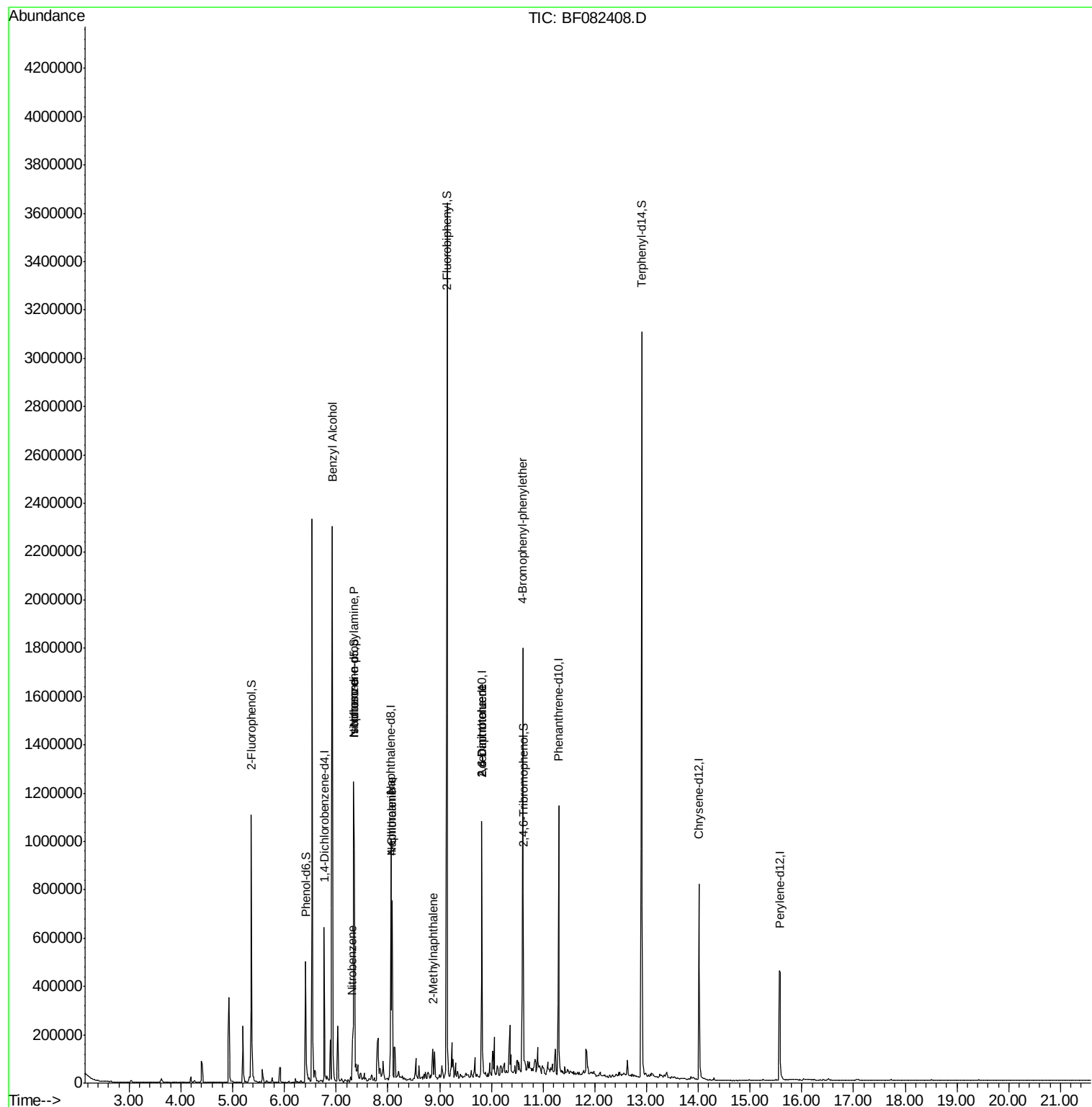
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	109495	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	431611	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	229437	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	450344	20.00	ng	0.00
75) Chrysene-d12	14.01	240	372451	20.00	ng	0.00
86) Perylene-d12	15.58	264	284479	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	341177	62.89	ng	0.00
7) Phenol-d6	6.41	99	267746	37.92	ng	-0.01
23) Nitrobenzene-d5	7.34	82	578317	89.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	237061	110.17	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1266321	91.53	ng	0.00
78) Terphenyl-d14	12.90	244	1118608	79.59	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.93	79	14042	2.88	ng	# 51
19) n-Nitroso-di-n-propylamine	7.34	70	74327	14.99	ng	# 82
24) Nitrobenzene	7.31	77	15620	2.25	ng	# 52
25) Isophorone	7.34	82	528598	40.75	ng	# 66
31) Naphthalene	8.08	128	332860	17.79	ng	# 99
33) 4-Chloroaniline	8.08	127	43588	5.61	ng	# 33
37) 2-Methylnaphthalene	8.87	142	28974	2.23	ng	# 94
50) 2,6-Dinitrotoluene	9.82	165	29928	8.78	ng	# 34
55) 4-Nitrophenol	10.02	139	613	Below Cal		# 1
56) 2,4-Dinitrotoluene	9.82	165	29928	7.02	ng	# 24
66) 4-Bromophenyl-phenylether	10.61	248	17371	3.85	ng	# 1

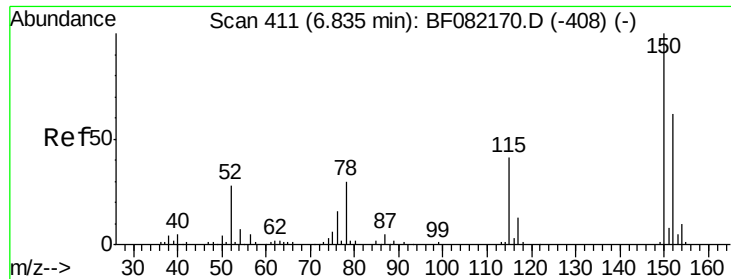
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
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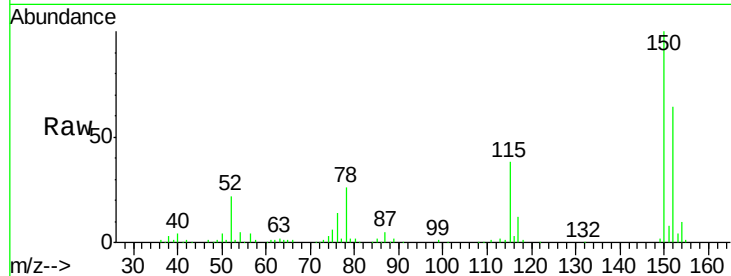


#1

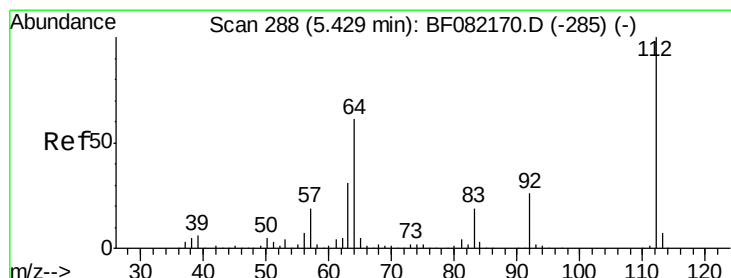
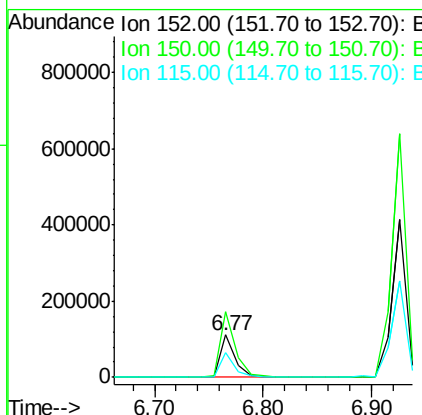
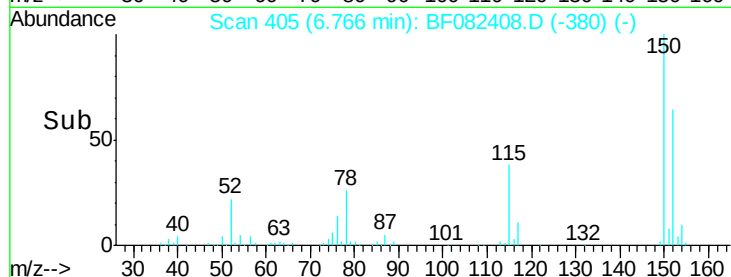
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082408.D
Acq: 21 Oct 2015 17:06

Instrument :
BNA_F
ClientSampleId :
20151019MGP210BRV88

Tot Ion:152 Resp: 109495
Ion Ratio Lower Upper
152 100
150 157.3 129.0 193.4
115 60.0 52.1 78.1



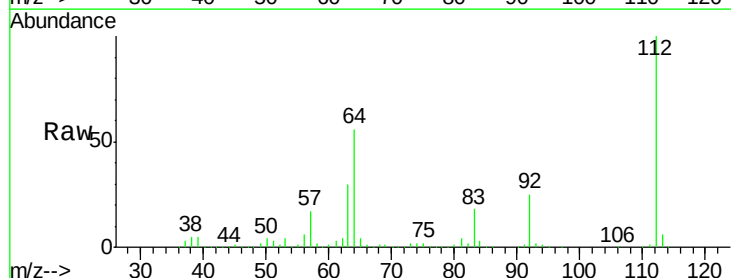
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



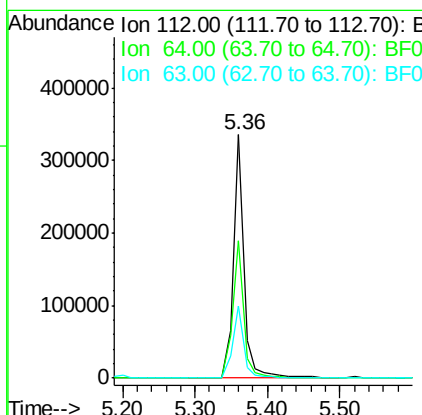
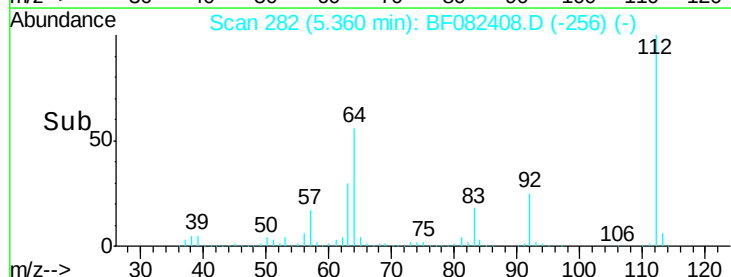
#5

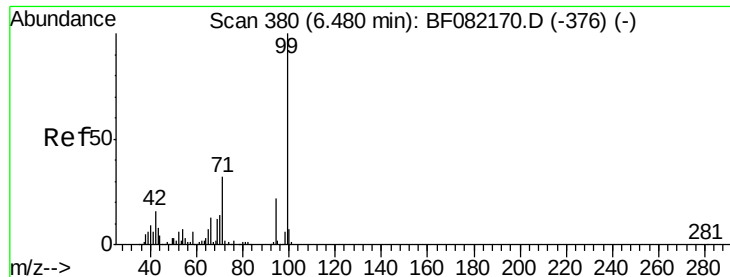
2-Fluorophenol
Concen: 62.89 ng
RT: 5.36 min Scan# 282
Delta R.T. -0.00 min
Lab File: BF082408.D
Acq: 21 Oct 2015 17:06

Tgt Ion:112 Resp: 341177
Ion Ratio Lower Upper
112 100
64 56.5 48.6 73.0
63 29.6 25.1 37.7



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: 37.92 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082408.D

Acq: 21 Oct 2015 17:06

Instrument :

BNA_F

ClientSampleId :

20151019MGP210BRV88

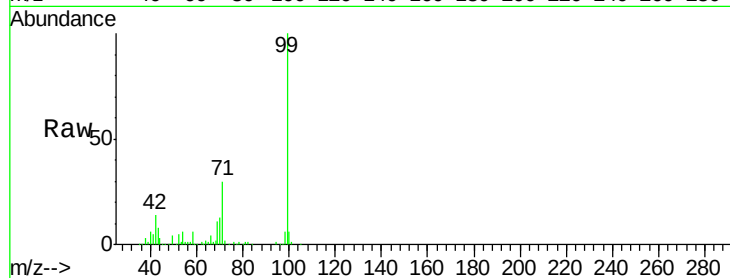
Tot Ion: 99 Resp: 267746

Ion Ratio Lower Upper

99 100

42 13.8 13.2 19.8

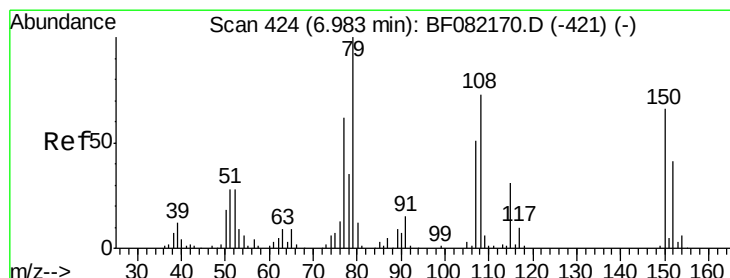
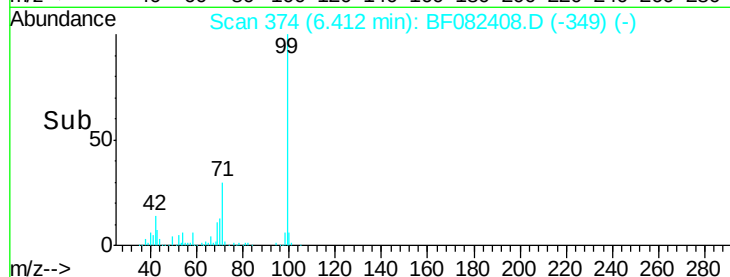
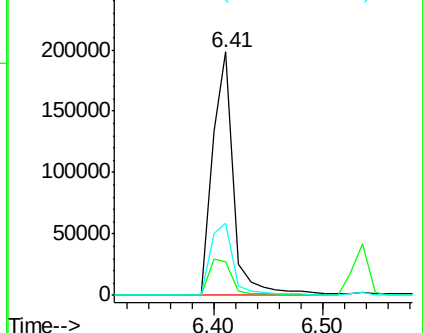
71 29.7 25.6 38.4



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: 2.88 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF082408.D

Acq: 21 Oct 2015 17:06

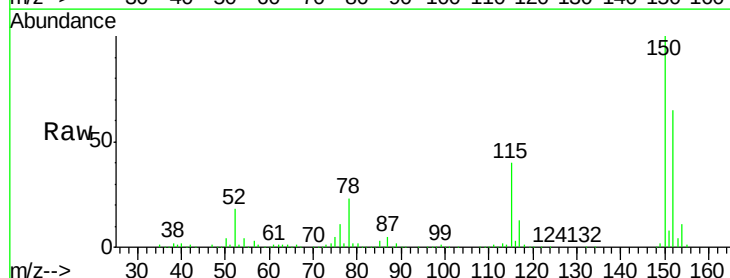
Tgt Ion: 79 Resp: 14042

Ion Ratio Lower Upper

79 100

108 31.2 58.4 87.6#

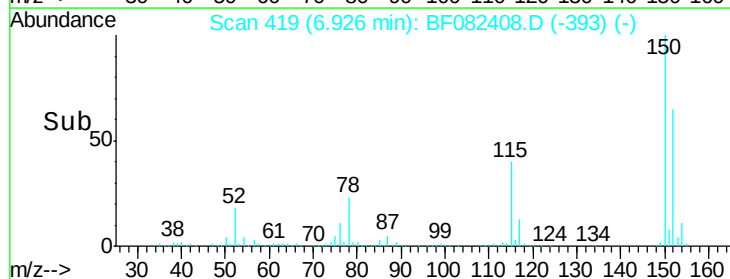
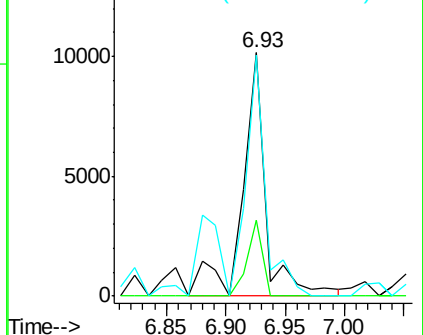
77 99.0 49.8 74.6#

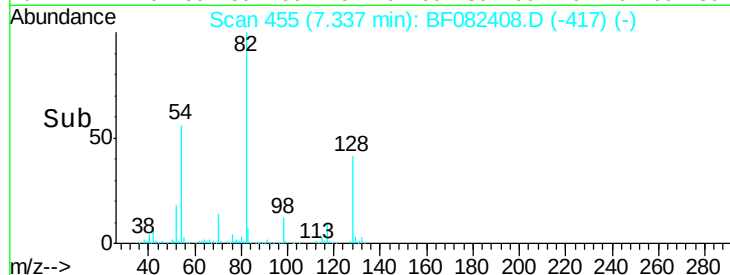
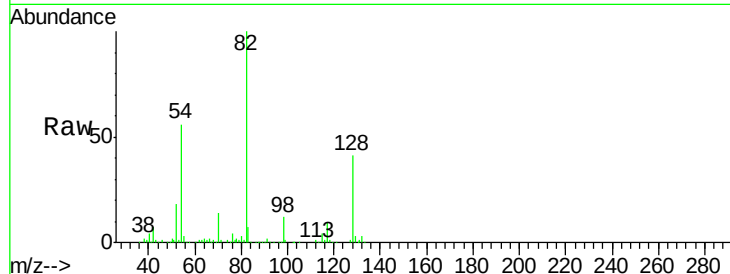
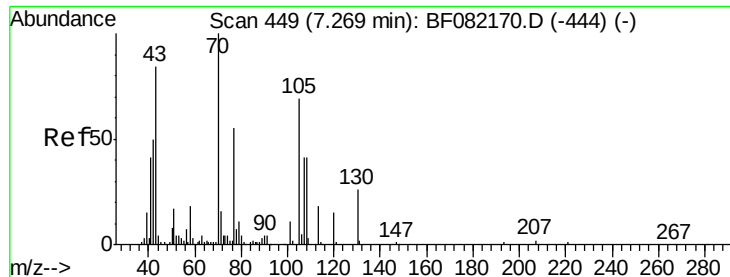


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

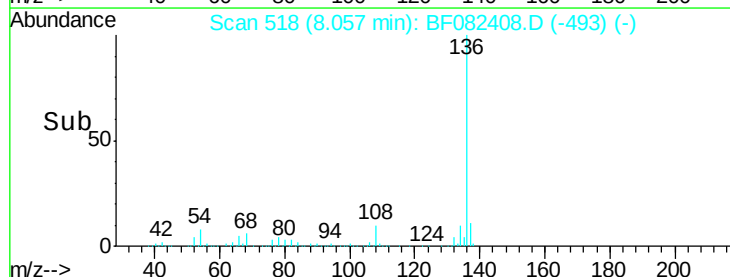
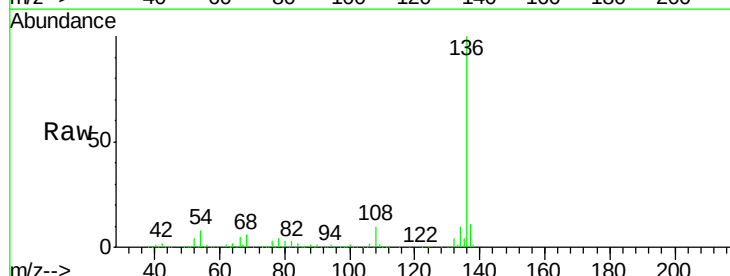
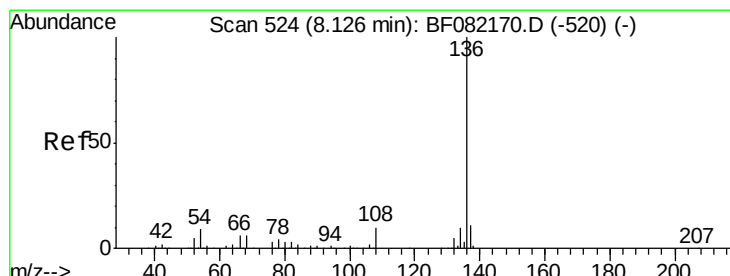
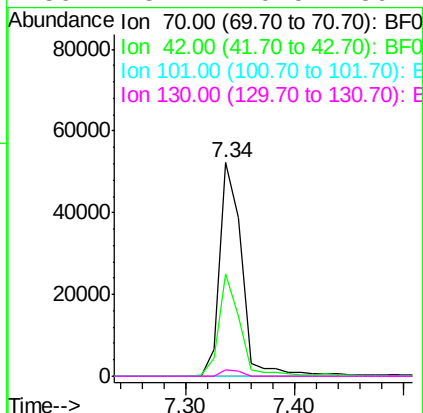




#19
n-Nitroso-di-n-propylamine
Concen: 14.99 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.14 min
Lab File: BF082408.D
Acq: 21 Oct 2015 17:06

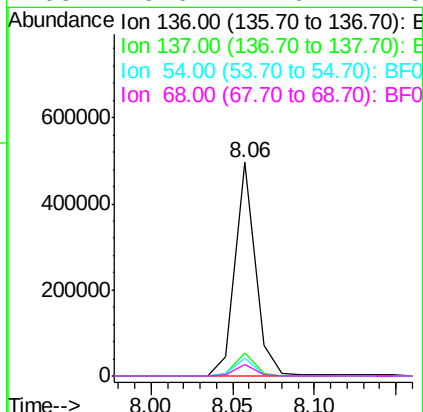
Instrument :
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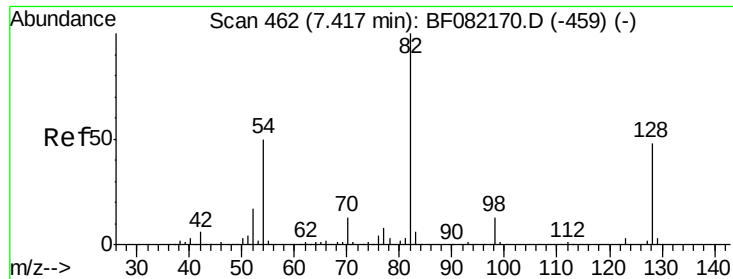
Tot Ion	Ratio	Lower	Upper
70	100		
42	48.2	39.8	59.8
101	0.0	8.6	13.0#
130	3.1	20.5	30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082408.D
Acq: 21 Oct 2015 17:06

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	8.3	7.5	11.3
68	5.6	4.6	7.0

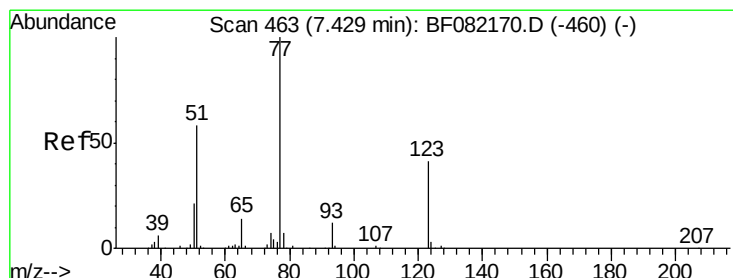
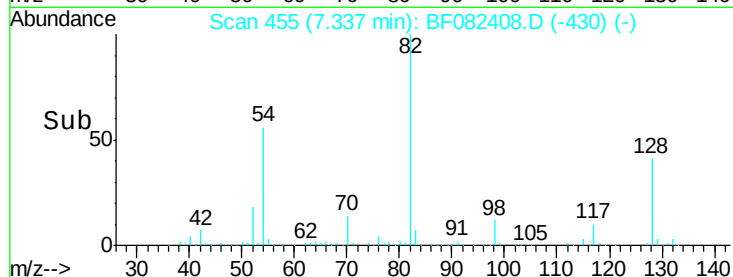
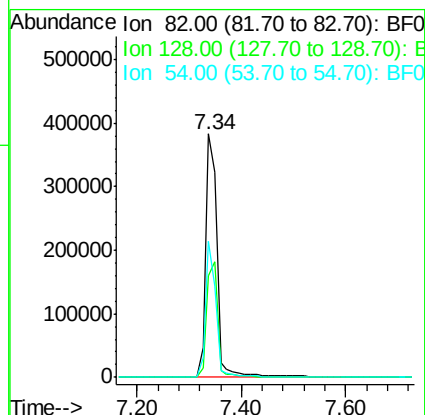
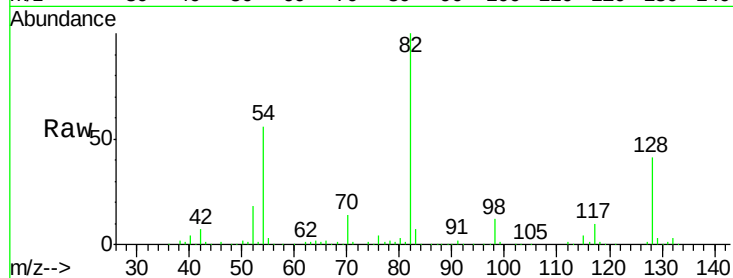




#23
 Nitrobenzene-d5
 Concen: 89.98 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF082408.D
 Acq: 21 Oct 2015 17:06

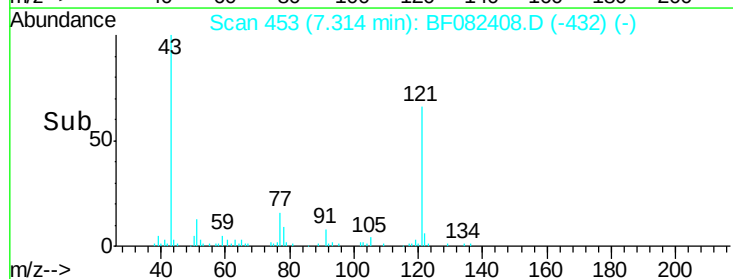
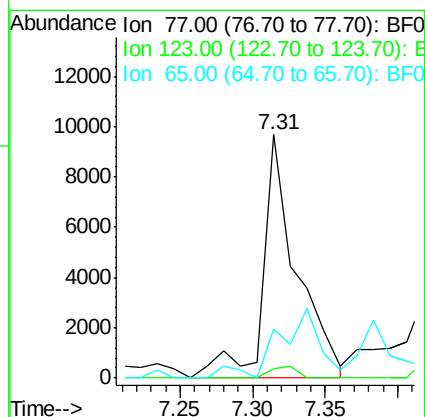
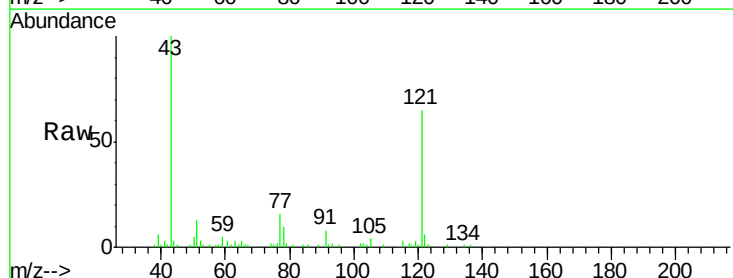
Instrument :
 BNA_F
 ClientSampleId :
 20151019MGP210BRV88

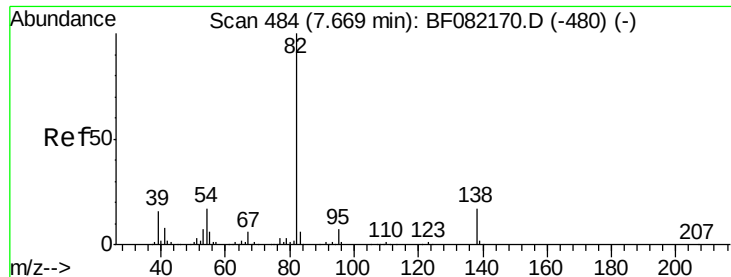
Tot Ion: 82 Resp: 578317
 Ion Ratio Lower Upper
 82 100
 128 41.4 38.7 58.1
 54 56.0 40.1 60.1



#24
 Nitrobenzene
 Concen: 2.25 ng
 RT: 7.31 min Scan# 453
 Delta R.T. -0.06 min
 Lab File: BF082408.D
 Acq: 21 Oct 2015 17:06

Tgt Ion: 77 Resp: 15620
 Ion Ratio Lower Upper
 77 100
 123 3.8 33.0 49.4#
 65 20.0 11.2 16.8#





#25

Isophorone

Concen: 40.75 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF082408.D

Acq: 21 Oct 2015 17:06

Instrument :

BNA_F

ClientSampleId :

20151019MGP210BRV88

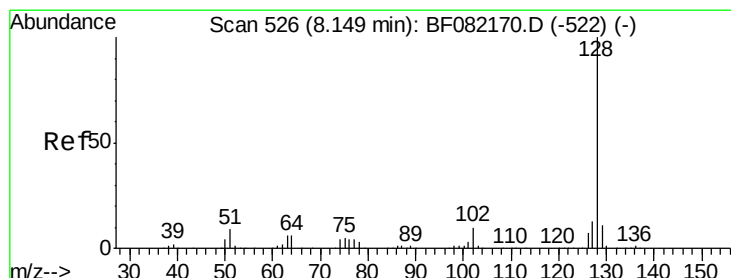
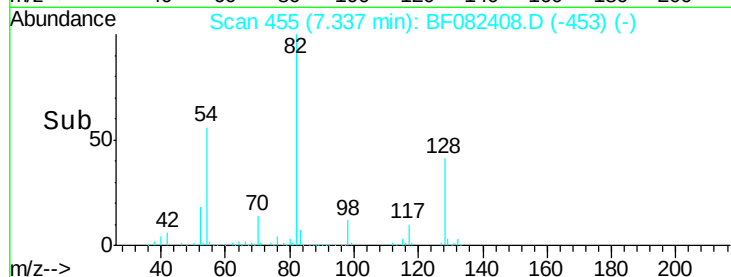
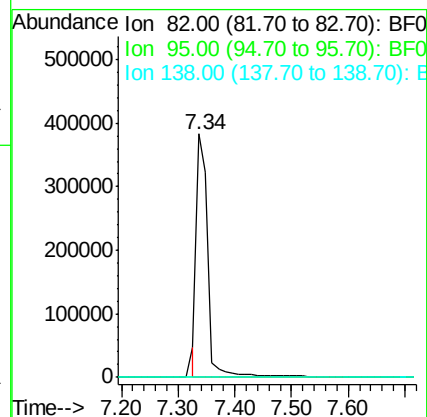
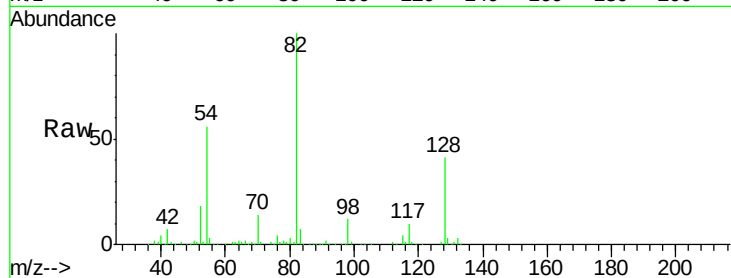
Tot Ion: 82 Resp: 528598

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 13.6 20.4#



#31

Naphthalene

Concen: 17.79 ng

RT: 8.08 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF082408.D

Acq: 21 Oct 2015 17:06

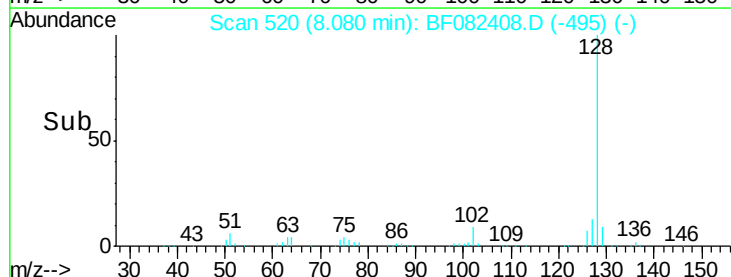
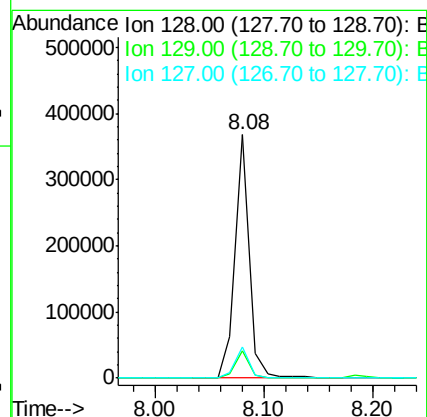
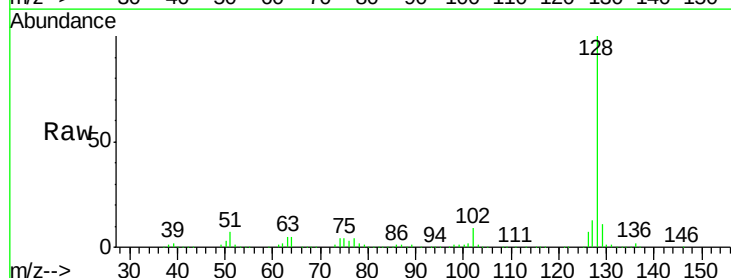
Tgt Ion: 128 Resp: 332860

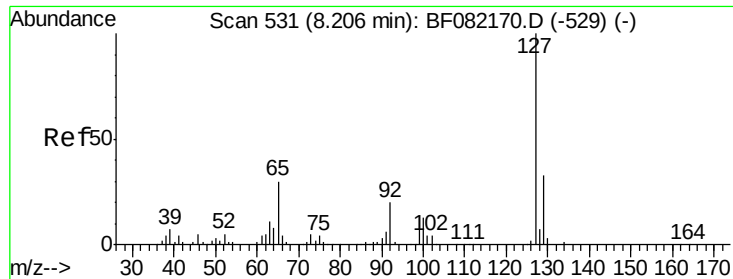
Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

127 13.0 10.7 16.1

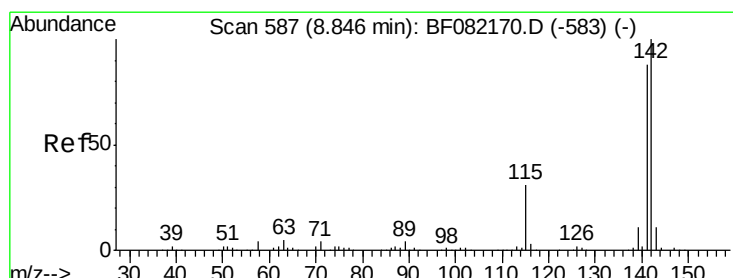
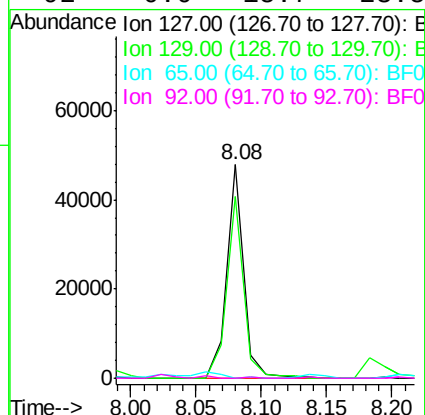
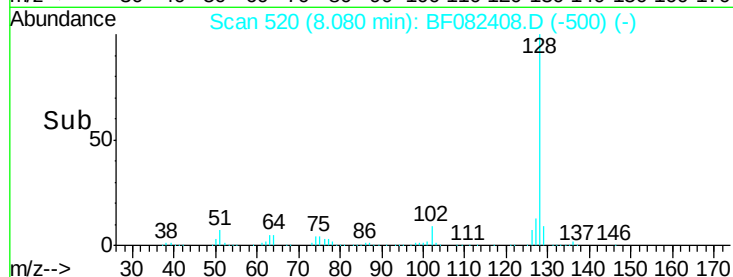
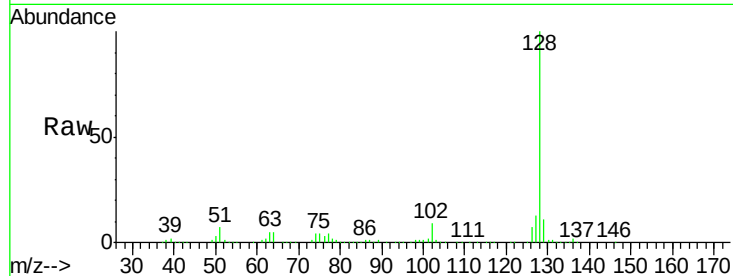




#33
4-Chloroaniline
Concen: 5.61 ng
RT: 8.08 min Scan# 520
Delta R.T. -0.07 min
Lab File: BF082408.D
Acq: 21 Oct 2015 17:06

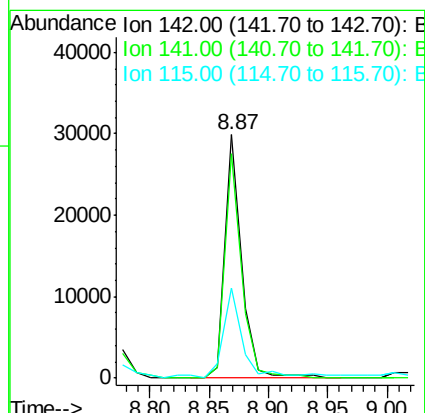
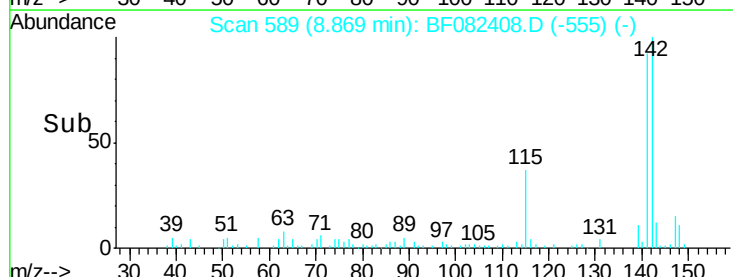
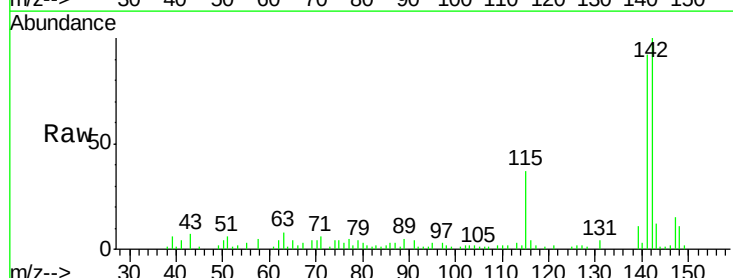
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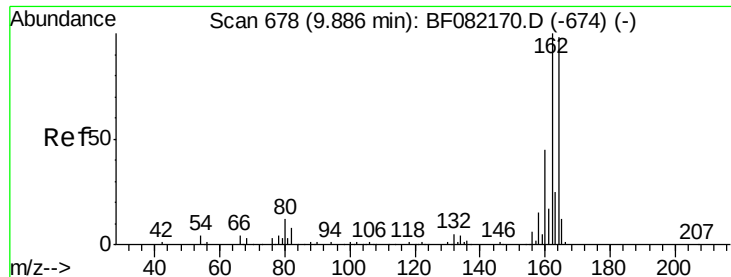
Tot Ion:127 Resp: 43588
Ion Ratio Lower Upper
127 100
129 85.1 26.3 39.5#
65 0.0 24.4 36.6#
92 0.0 15.7 23.5#



#37
2-Methylnaphthalene
Concen: 2.23 ng
RT: 8.87 min Scan# 589
Delta R.T. 0.09 min
Lab File: BF082408.D
Acq: 21 Oct 2015 17:06

Tgt Ion:142 Resp: 28974
Ion Ratio Lower Upper
142 100
141 92.0 70.4 105.6
115 36.8 24.6 37.0

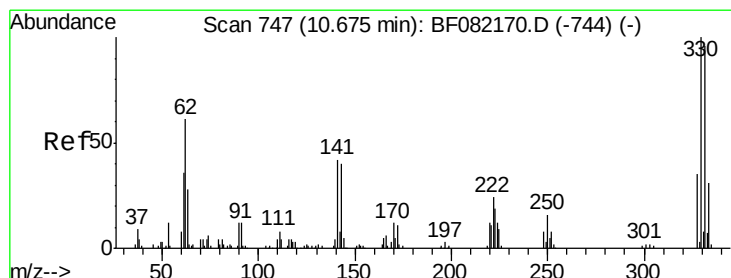
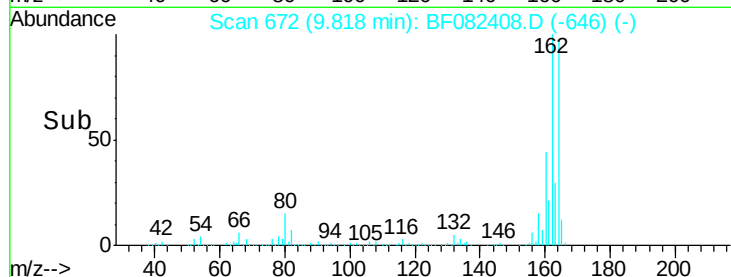
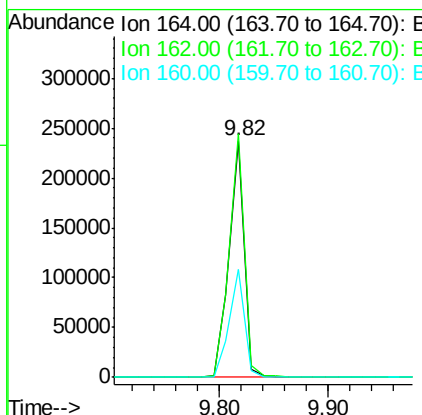
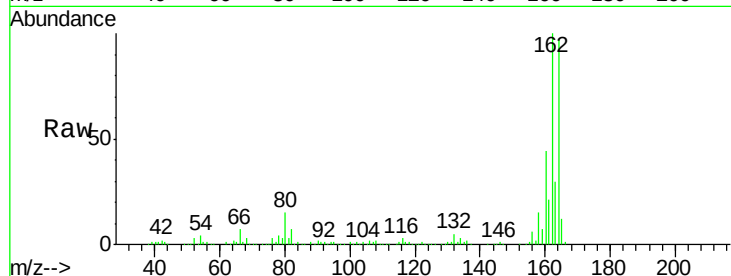




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF082408.D
 Acq: 21 Oct 2015 17:06

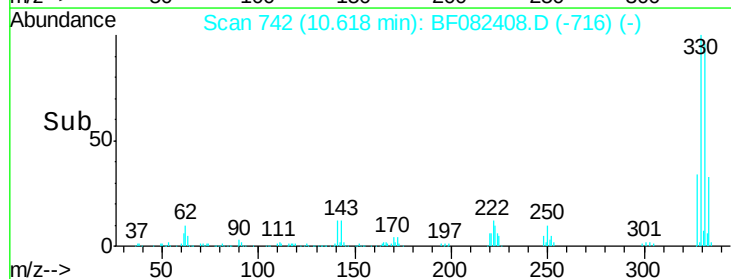
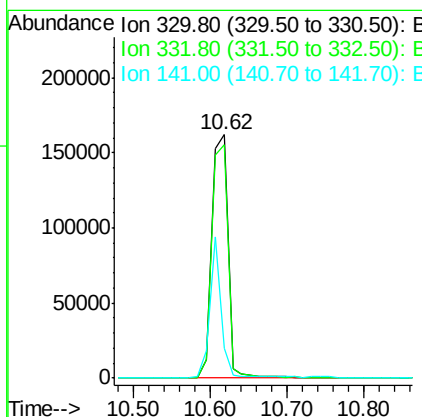
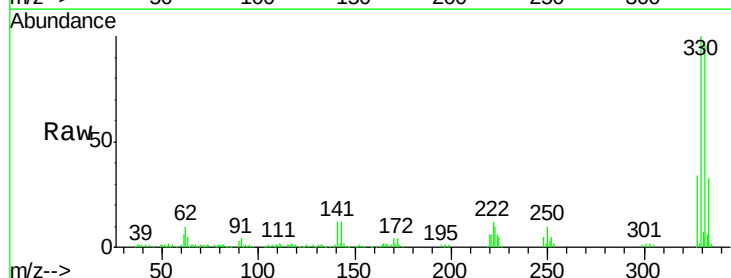
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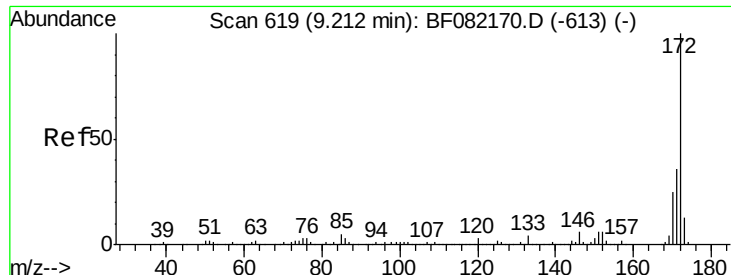
Tot Ion:164 Resp: 229437
 Ion Ratio Lower Upper
 164 100
 162 103.0 81.6 122.4
 160 45.8 36.4 54.6



#41
 2,4,6-Tribromophenol
 Concen: 110.17 ng
 RT: 10.62 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF082408.D
 Acq: 21 Oct 2015 17:06

Tgt Ion:330 Resp: 237061
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.1 115.7
 141 40.3 29.8 44.8

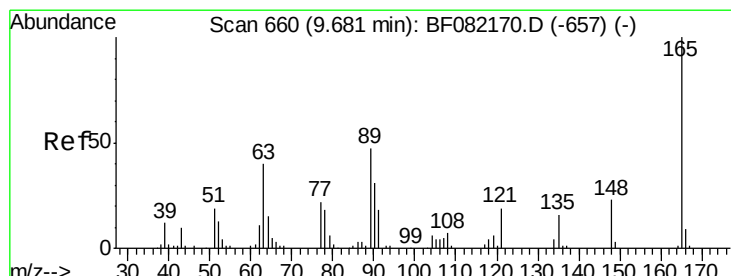
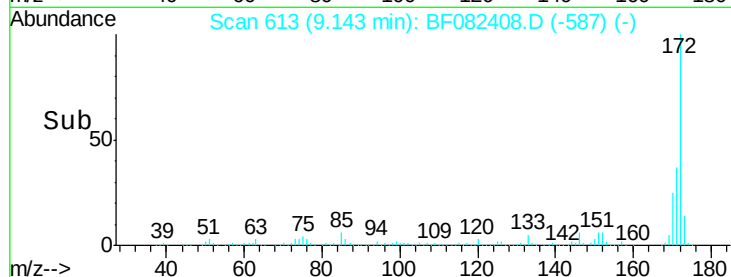
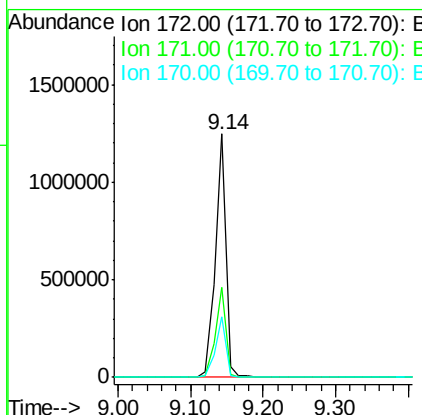
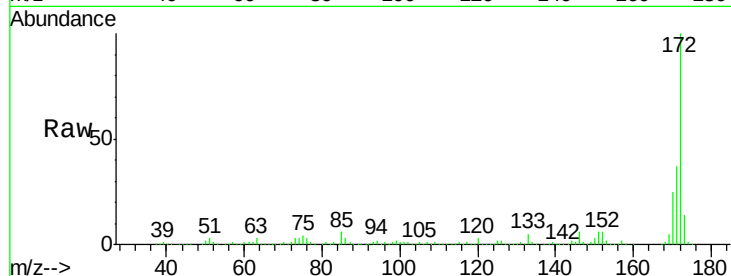




#44
 2-Fluorobiphenyl
 Concen: 91.53 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082408.D
 Acq: 21 Oct 2015 17:06

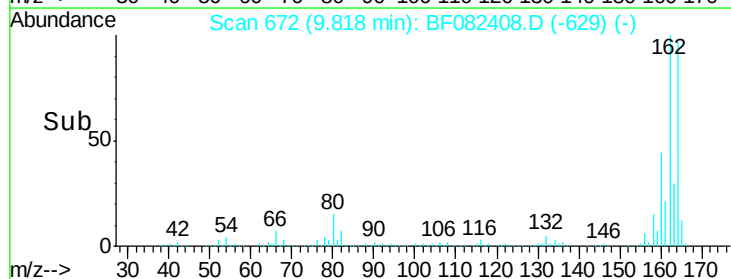
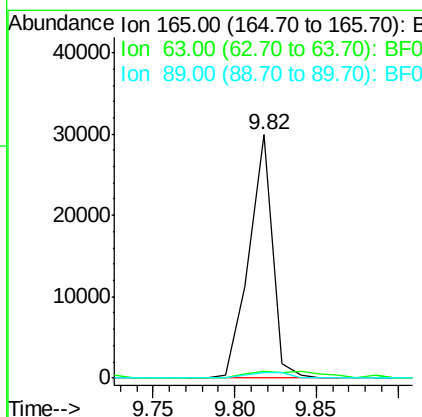
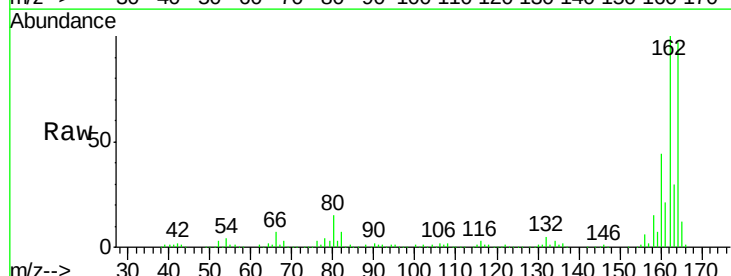
Instrument :
 BNA_F
 ClientSampleId :
 20151019MGP210BRV88

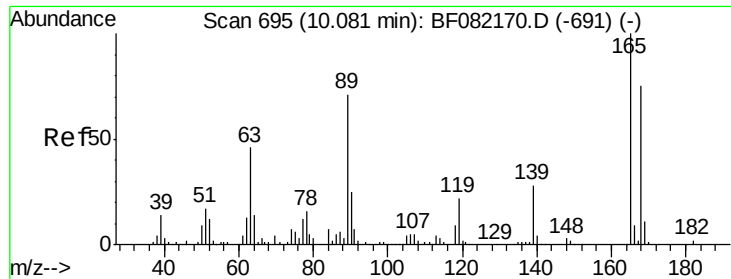
Tot Ion:172 Resp: 1266321
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.6 42.8
 170 25.0 19.7 29.5



#50
 2,6-Dinitrotoluene
 Concen: 8.78 ng
 RT: 9.82 min Scan# 672
 Delta R.T. 0.19 min
 Lab File: BF082408.D
 Acq: 21 Oct 2015 17:06

Tgt Ion:165 Resp: 29928
 Ion Ratio Lower Upper
 165 100
 63 2.7 36.7 55.1#
 89 2.4 37.8 56.6#

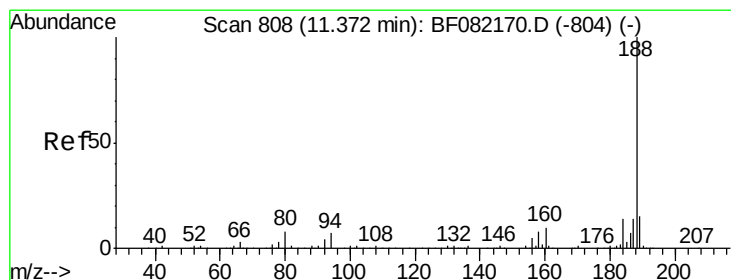
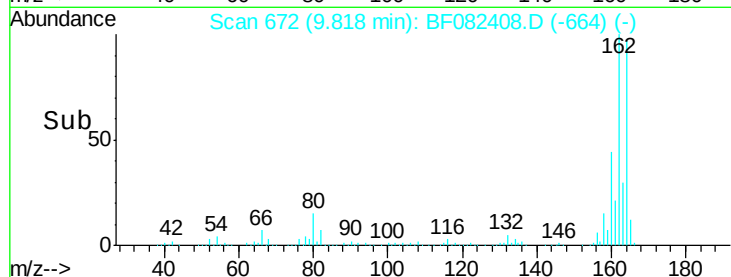
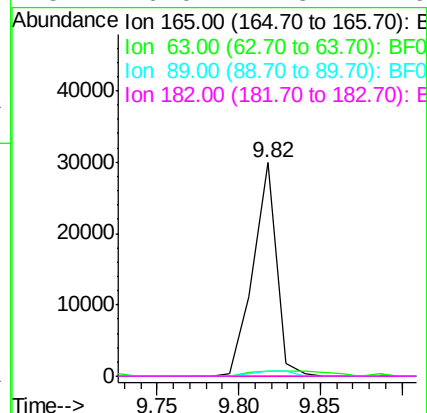
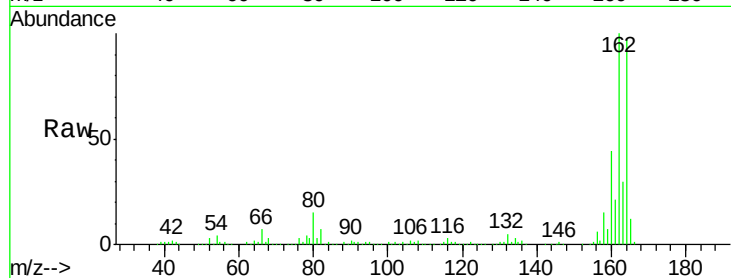




#56
 2,4-Dinitrotoluene
 Concen: 7.02 ng
 RT: 9.82 min Scan# 672
 Delta R.T. -0.21 min
 Lab File: BF082408.D
 Acq: 21 Oct 2015 17:06

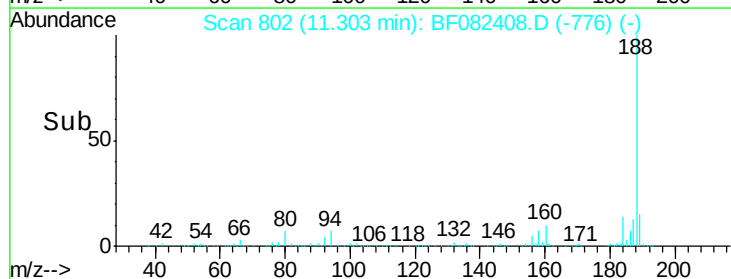
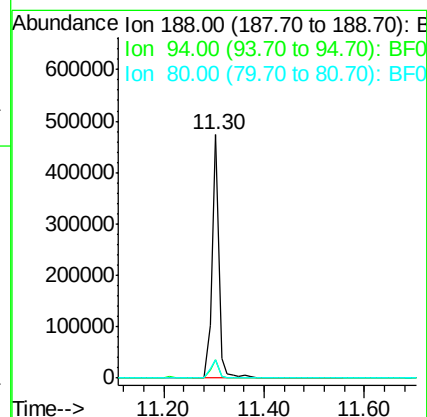
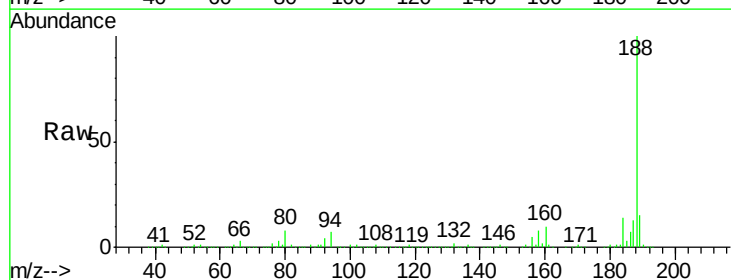
Instrument :
 BNA_F
 ClientSampleId :
 20151019MGP210BRV88

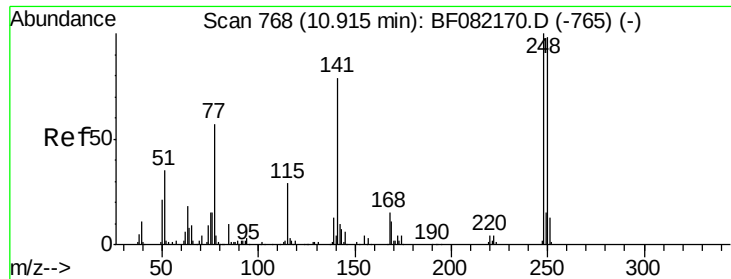
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.7	38.6	58.0#
89	2.4	57.0	85.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF082408.D
 Acq: 21 Oct 2015 17:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.8	8.6
80	7.8	6.4	9.6

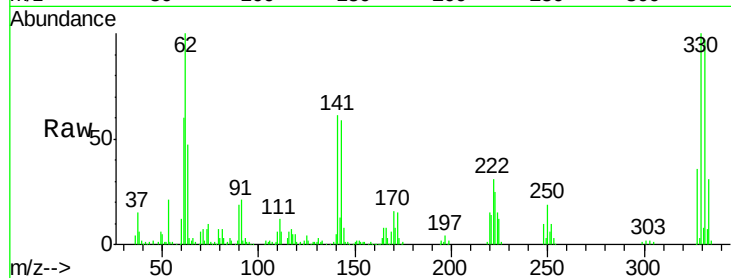




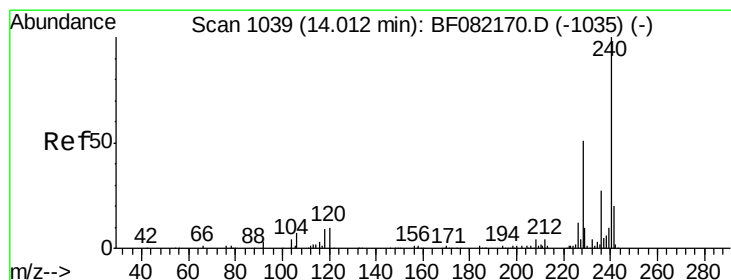
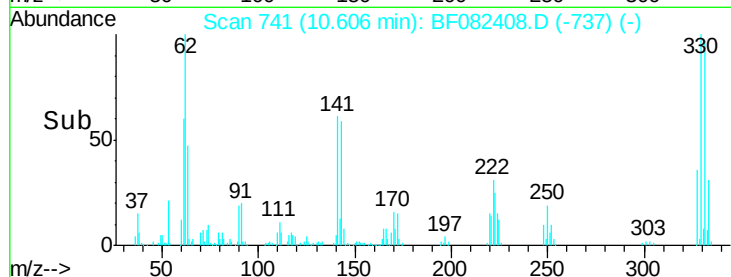
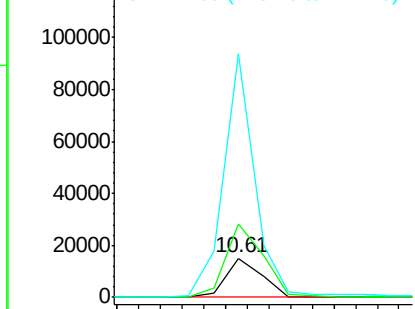
#66
4-Bromophenyl-phenylether
Concen: 3.85 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.25 min
Lab File: BF082408.D
Acq: 21 Oct 2015 17:06

Instrument :
BNA_F
ClientSampleId :
20151019MGP210BRV88

Tot Ion:248 Resp: 17371
Ion Ratio Lower Upper
248 100
250 188.3 78.6 117.8#
141 621.2 63.3 94.9#

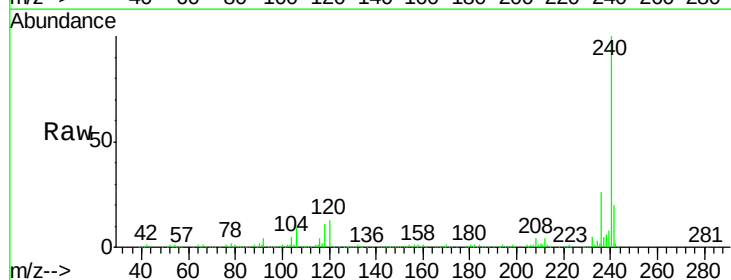


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

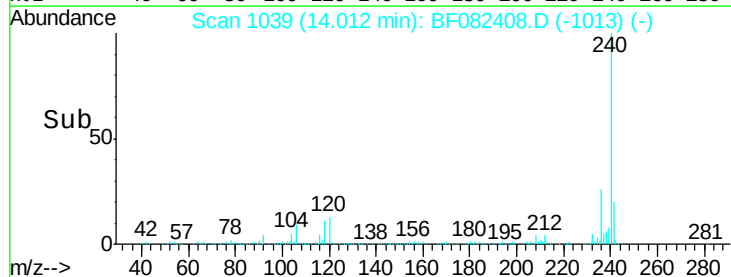
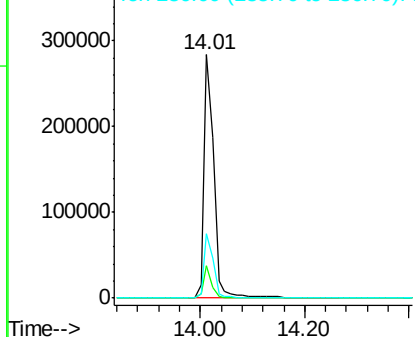


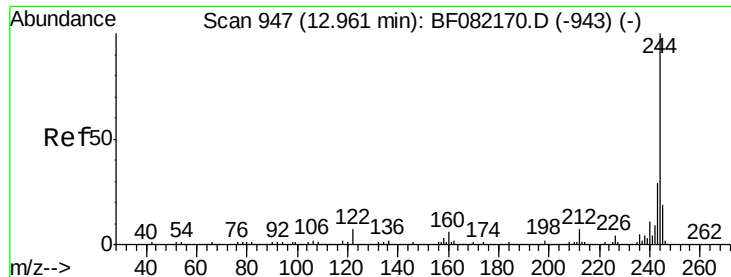
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF082408.D
Acq: 21 Oct 2015 17:06

Tgt Ion:240 Resp: 372451
Ion Ratio Lower Upper
240 100
120 13.2 8.1 12.1#
236 26.2 21.3 31.9



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

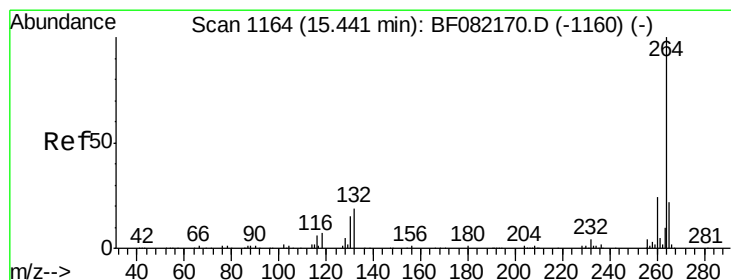
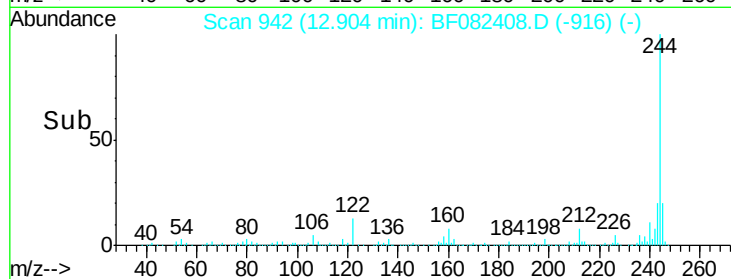
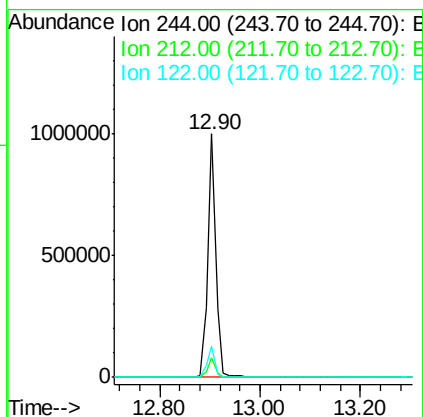
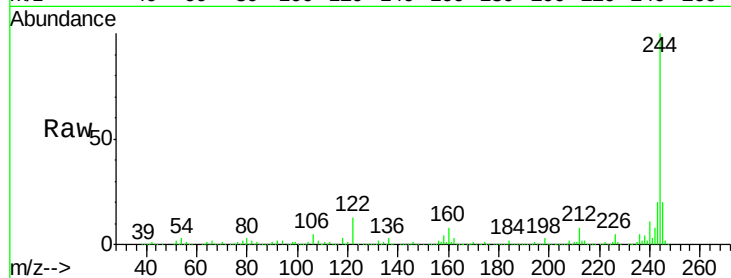




#78
 Terphenyl-d14
 Concen: 79.59 ng
 RT: 12.90 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF082408.D
 Acq: 21 Oct 2015 17:06

Instrument :
 BNA_F
 ClientSampleId :
 20151019MGP210BRV88

Tot Ion:244 Resp: 1118608
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.8 8.6
 122 12.6 5.9 8.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. 0.05 min
 Lab File: BF082408.D
 Acq: 21 Oct 2015 17:06

Tgt Ion:264 Resp: 284479
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 21.1 17.3 25.9

