

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
 Data File : BF086654.D
 Acq On : 3 May 2016 19:48
 Operator : UM/SJ
 Sample : H2685-14 4X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-1B-CS-1(0-16FTBGS)

Quant Time: May 04 02:32:28 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

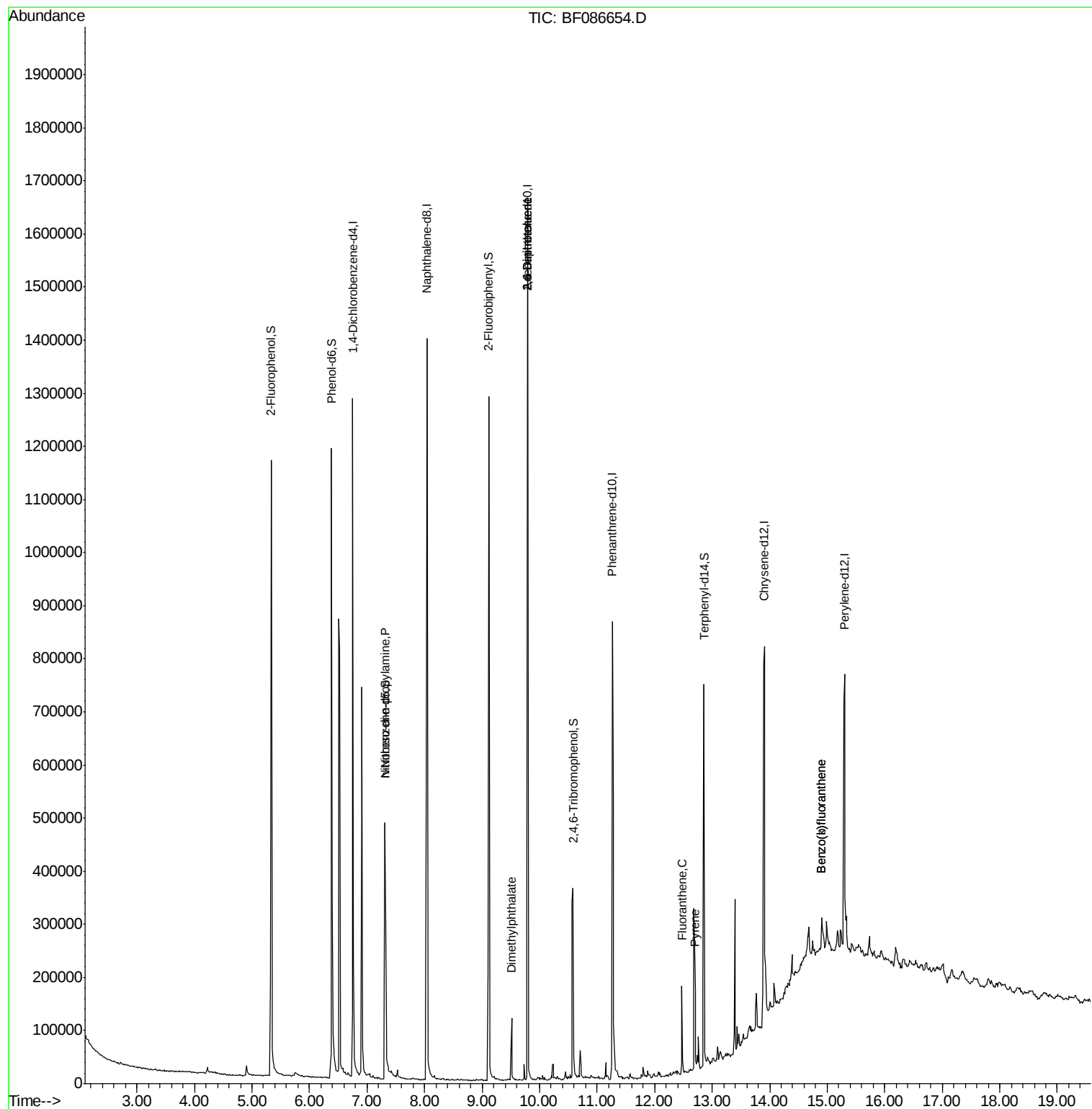
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	177986	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	704064	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	298361	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	420518	20.00	ng	-0.06
75) Chrysene-d12	13.91	240	383757	20.00	ng	-0.06
86) Perylene-d12	15.30	264	318775	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	303917	29.45	ng	-0.06
7) Phenol-d6	6.38	99	408837	28.39	ng	-0.06
23) Nitrobenzene-d5	7.31	82	229808	17.59	ng	-0.07
41) 2,4,6-Tribromophenol	10.58	330	62841	19.97	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	390443	15.33	ng	-0.06
78) Terphenyl-d14	12.85	244	236507	13.58	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	29594	3.11	ng	# 66
49) Dimethylphthalate	9.52	163	58207	2.59	ng	99
50) 2,6-Dinitrotoluene	9.79	165	37283	8.03	ng	# 20
56) 2,4-Dinitrotoluene	9.79	165	37285	6.30	ng	# 16
74) Fluoranthene	12.48	202	65665	2.95	ng	97
77) Pyrene	12.71	202	62809	2.27	ng	99
87) Benzo(b)fluoranthene	14.90	252	48174	2.57	ng	# 89
88) Benzo(k)fluoranthene	14.90	252	48174	2.46	ng	# 87

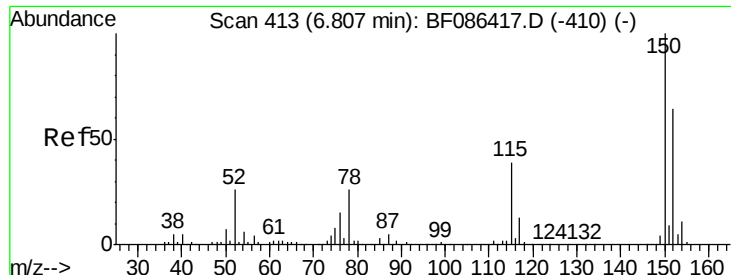
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF086654.D

Acq: 3 May 2016 19:48

Instrument :

BNA_F

ClientSampleId :

26WARD-1B-CS-1(0-16FTBGS)

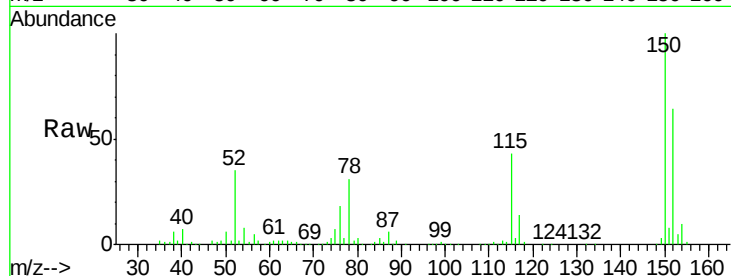
Tgt Ion:152 Resp: 177986

Ion Ratio Lower Upper

152 100

150 155.7 125.8 188.6

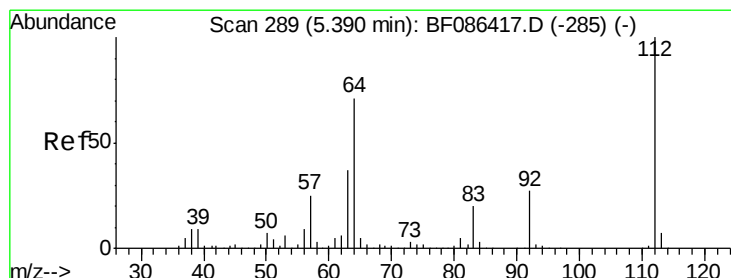
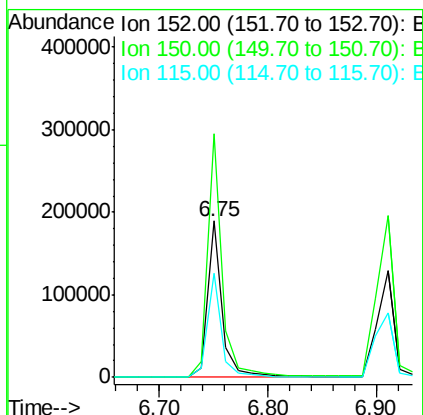
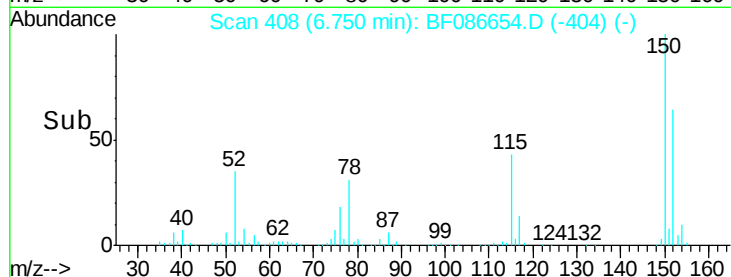
115 66.5 51.5 77.3



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: 29.45 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.06 min

Lab File: BF086654.D

Acq: 3 May 2016 19:48

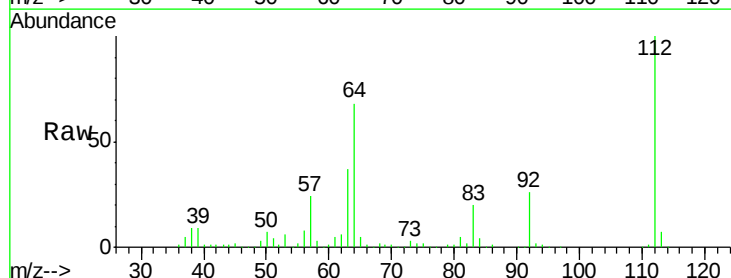
Tgt Ion:112 Resp: 303917

Ion Ratio Lower Upper

112 100

64 68.2 52.1 78.1

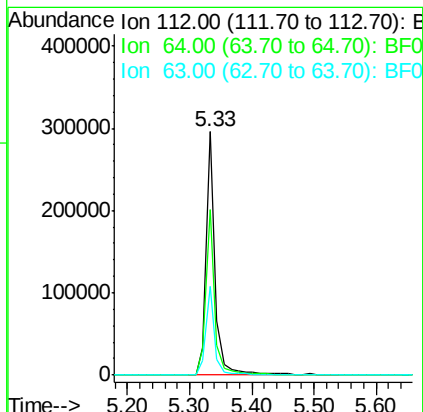
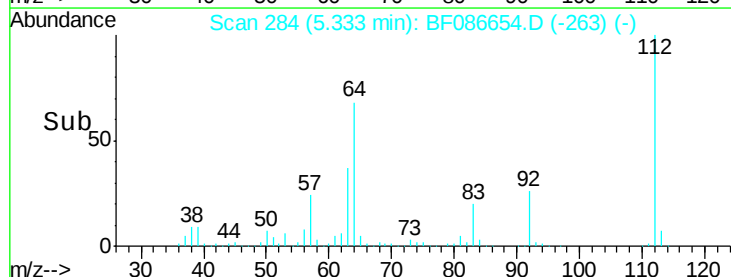
63 36.5 25.7 38.5

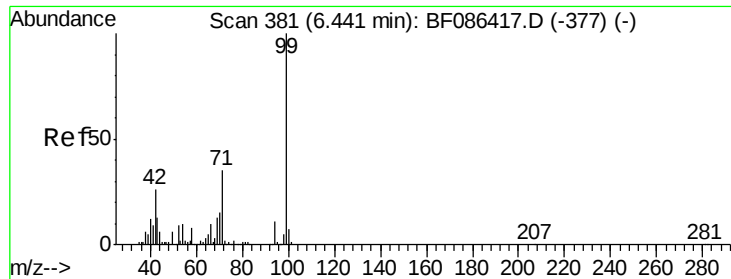


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.39 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF086654.D

Acq: 3 May 2016 19:48

Instrument :

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26WARD-1B-CS-1(0-16FTBGS)

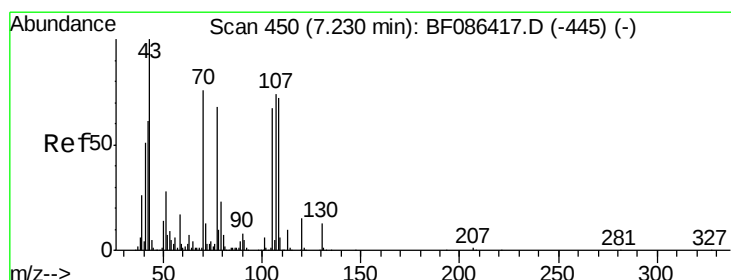
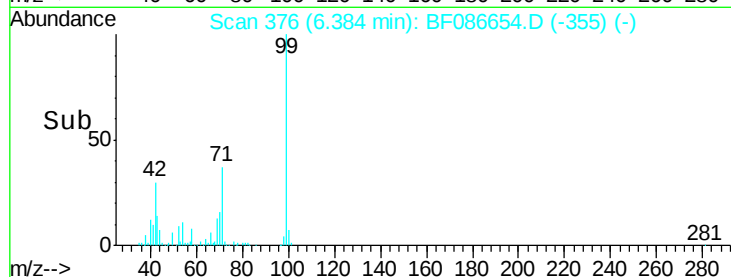
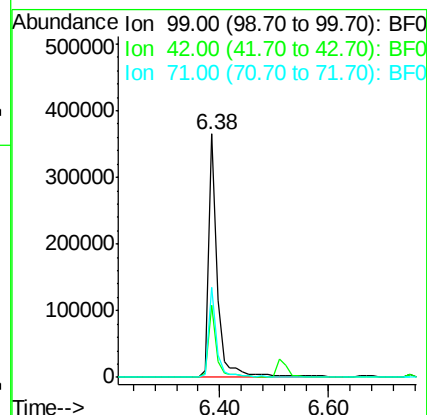
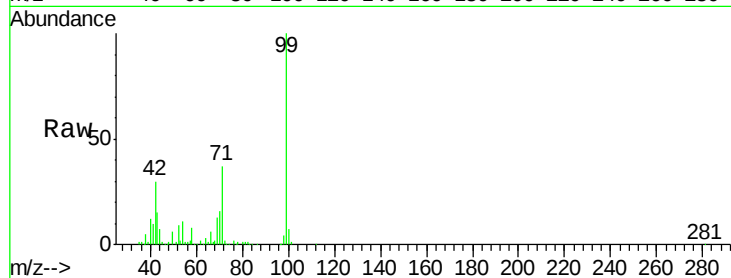
Tgt Ion: 99 Resp: 408837

Ion Ratio Lower Upper

99 100

42 29.6 13.6 20.4#

71 37.0 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 3.11 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.08 min

Lab File: BF086654.D

Acq: 3 May 2016 19:48

Tgt Ion: 70 Resp: 29594

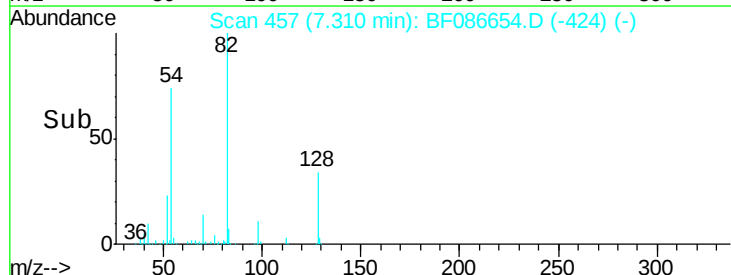
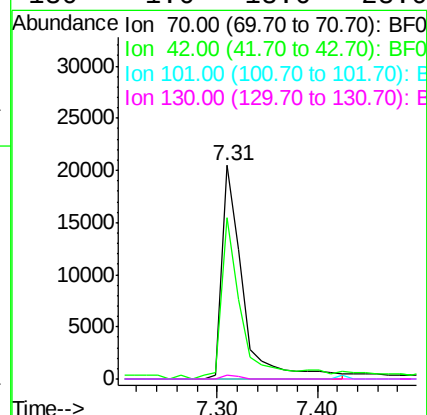
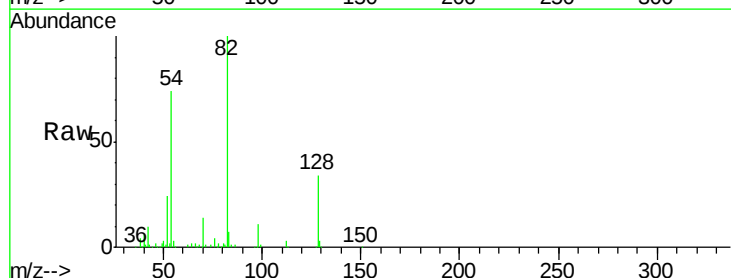
Ion Ratio Lower Upper

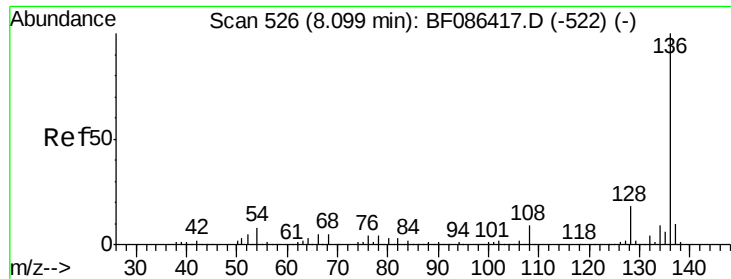
70 100

42 75.8 43.1 64.7#

101 0.0 8.1 12.1#

130 1.6 18.6 28.0#

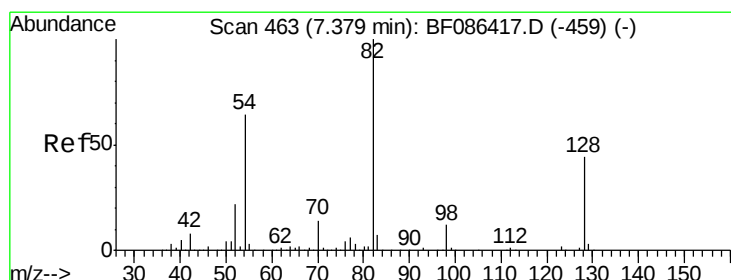
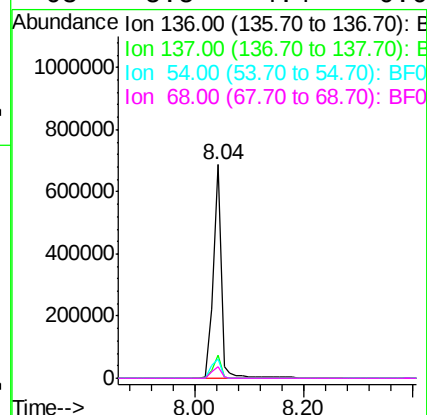
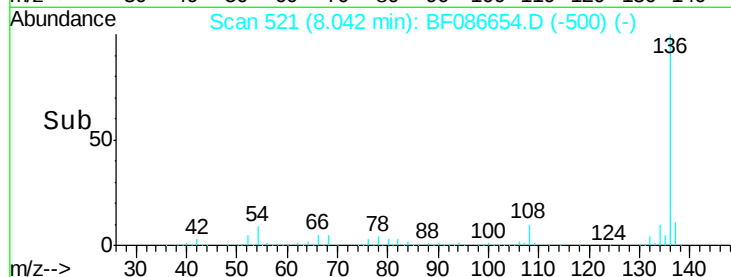
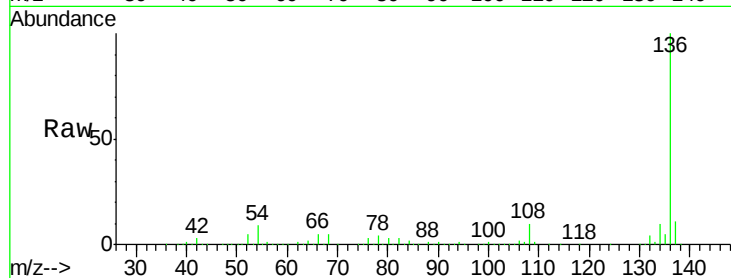




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF086654.D
Acq: 3 May 2016 19:48

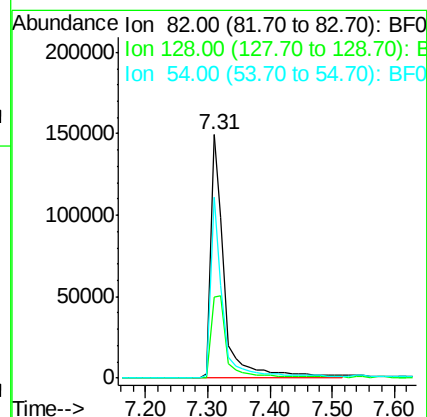
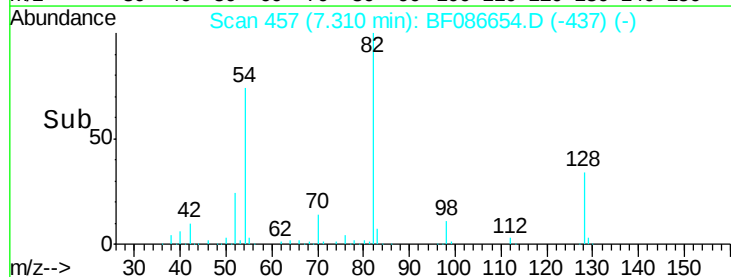
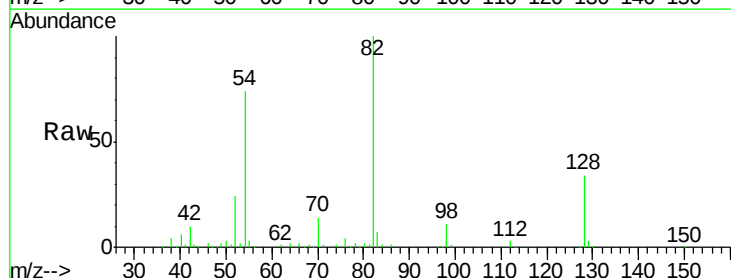
Instrument :
BNA_F
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26WARD-1B-CS-1(0-16FTBGS)

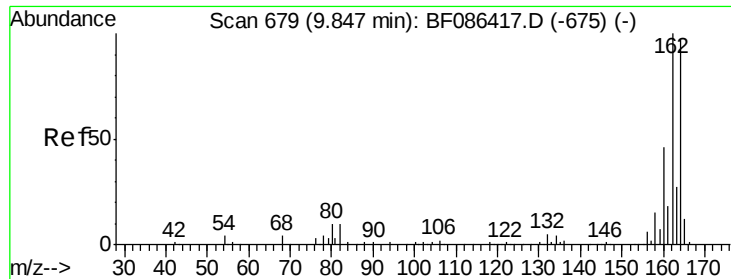
Tgt Ion:	136	Resp:	704064
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.8	13.2
54	9.0	5.0	7.4#
68	5.5	4.4	6.6



#23
Nitrobenzene-d5
Concen: 17.59 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF086654.D
Acq: 3 May 2016 19:48

Tgt Ion:	82	Resp:	229808
Ion Ratio	Lower	Upper	
82	100		
128	33.5	40.6	61.0#
54	74.1	38.1	57.1#

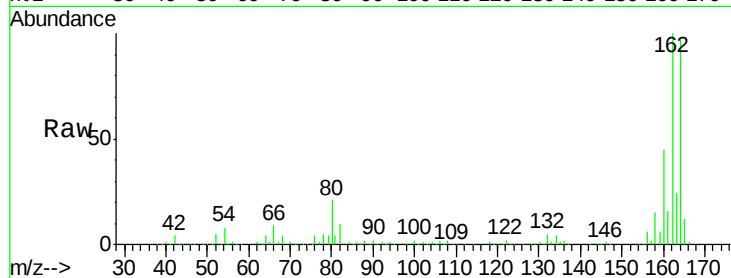




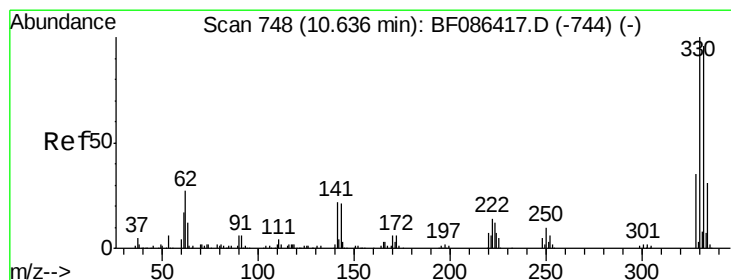
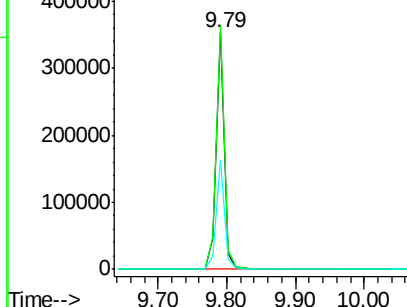
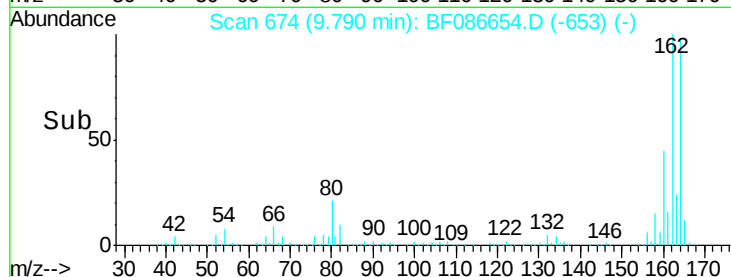
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.06 min
 Lab File: BF086654.D
 Acq: 3 May 2016 19:48

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-1B-CS-1(0-16FTBGS)

Tgt Ion:164 Resp: 298361
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.8 124.2
 160 46.2 36.9 55.3

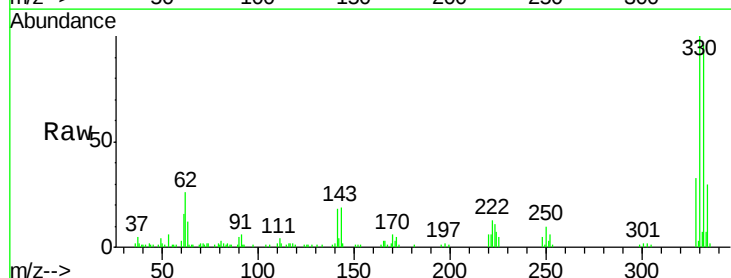


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

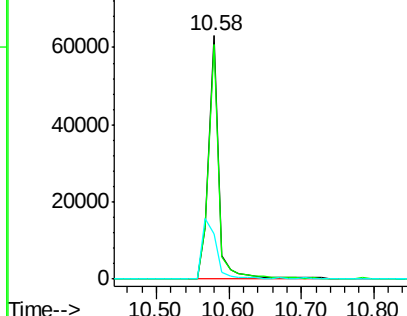
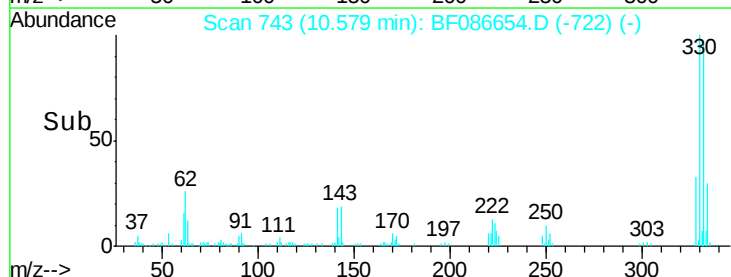


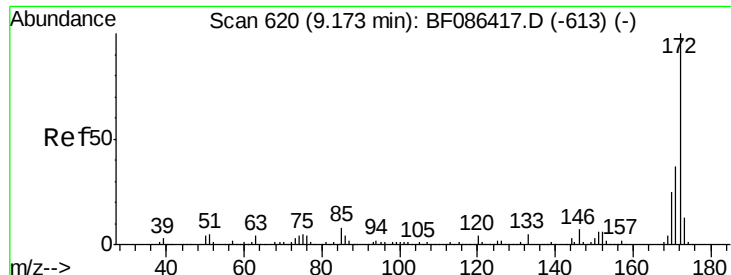
#41
 2,4,6-Tribromophenol
 Concen: 19.97 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086654.D
 Acq: 3 May 2016 19:48

Tgt Ion:330 Resp: 62841
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.0 118.4
 141 33.9 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

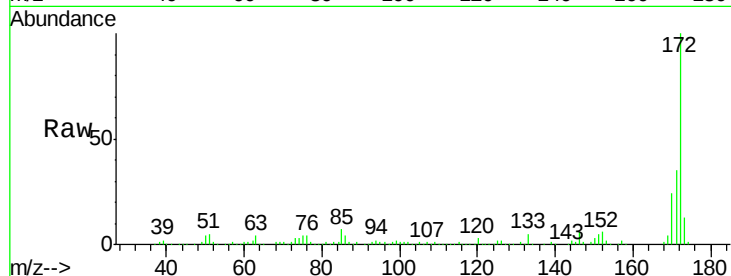




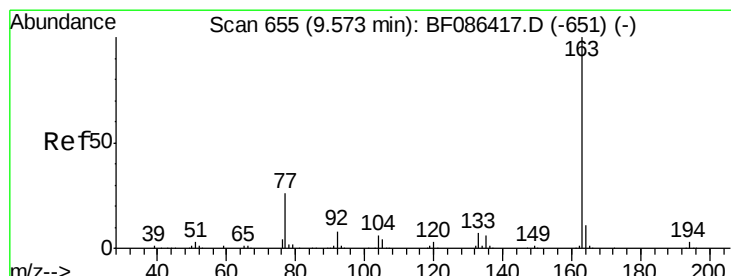
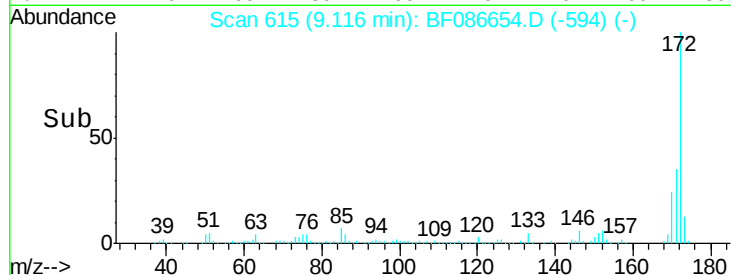
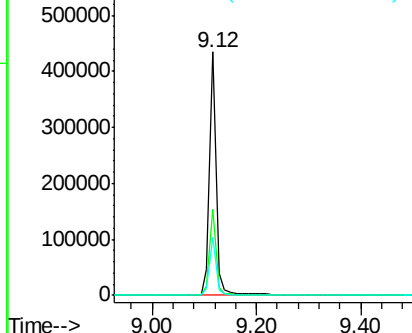
#44
 2-Fluorobiphenyl
 Concen: 15.33 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086654.D
 Acq: 3 May 2016 19:48

Instrument :
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Tgt Ion:172 Resp: 390443
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.0 43.6
 170 23.8 19.8 29.8

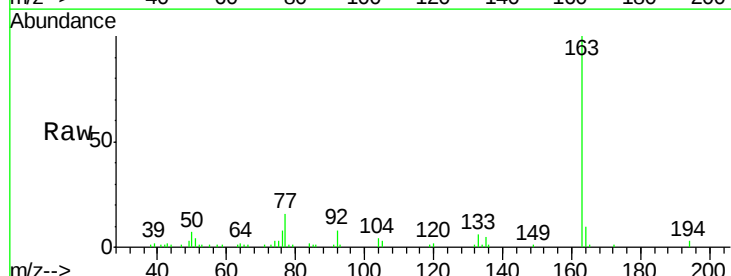


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

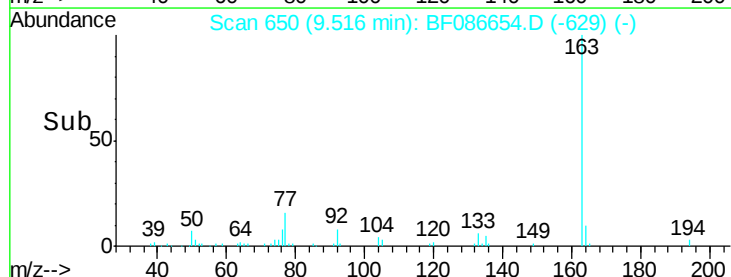
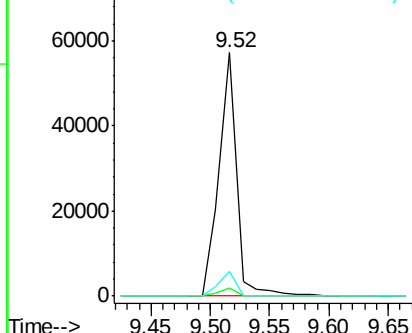


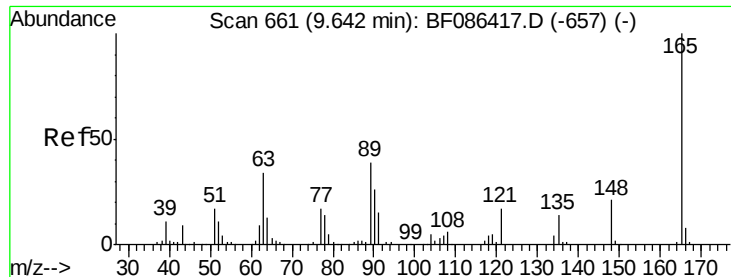
#49
 Dimethylphthalate
 Concen: 2.59 ng
 RT: 9.52 min Scan# 650
 Delta R.T. -0.06 min
 Lab File: BF086654.D
 Acq: 3 May 2016 19:48

Tgt Ion:163 Resp: 58207
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.6 4.0
 164 10.0 8.2 12.4



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

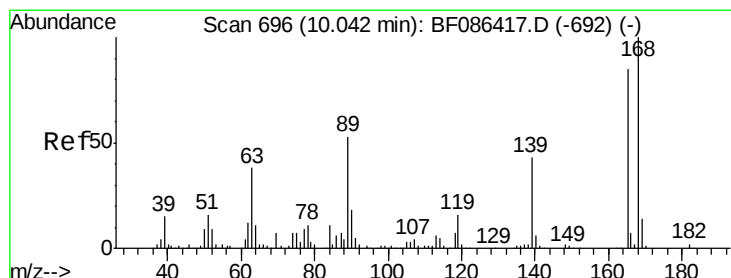
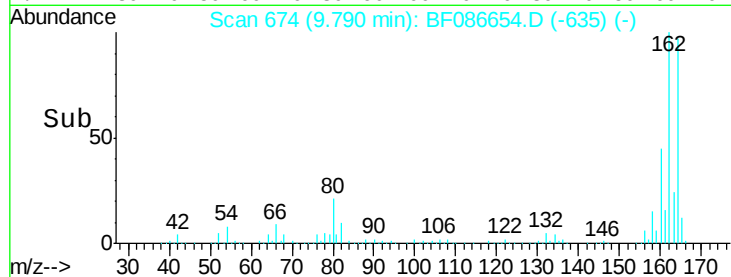
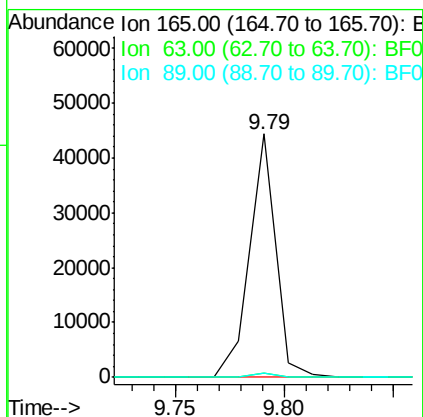
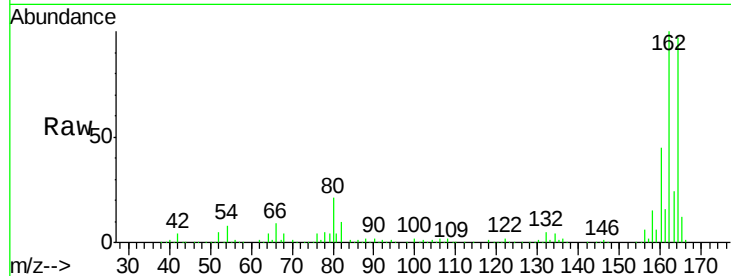




#50
 2,6-Dinitrotoluene
 Concen: 8.03 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.15 min
 Lab File: BF086654.D
 Acq: 3 May 2016 19:48

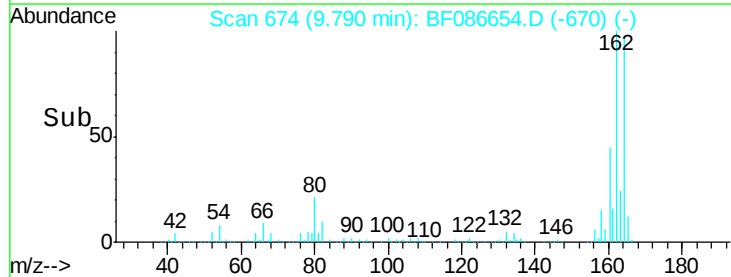
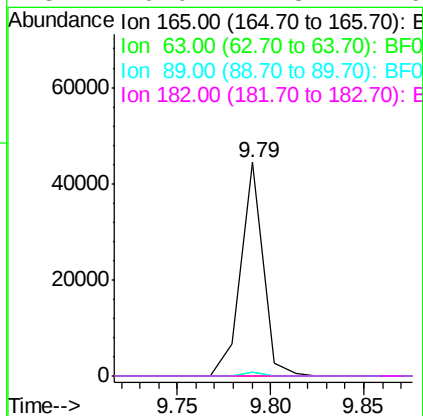
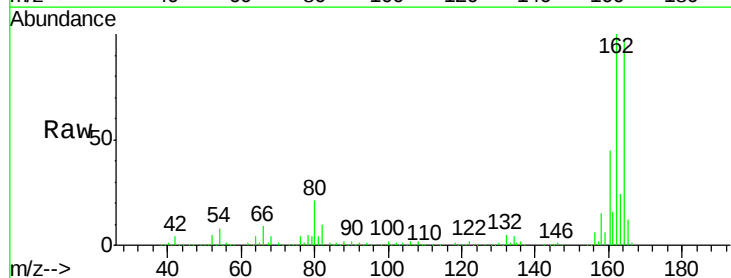
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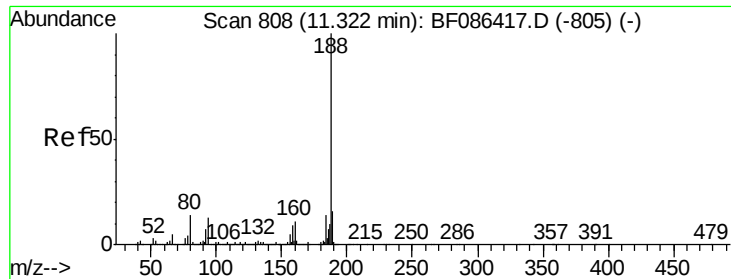
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	51.8	77.8#
89	1.8	50.7	76.1#



#56
 2,4-Dinitrotoluene
 Concen: 6.30 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.25 min
 Lab File: BF086654.D
 Acq: 3 May 2016 19:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.3	66.5#
89	1.8	70.0	105.0#
182	0.0	1.8	2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.06 min

Lab File: BF086654.D

Acq: 3 May 2016 19:48

Instrument :

BNA_F

ClientSampleId :

26WARD-1B-CS-1(0-16FTBGS)

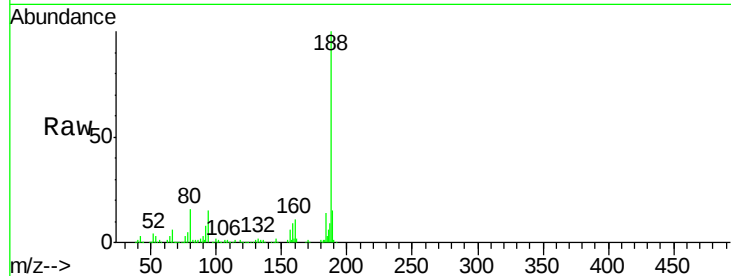
Tgt Ion:188 Resp: 420518

Ion Ratio Lower Upper

188 100

94 14.5 6.8 10.2#

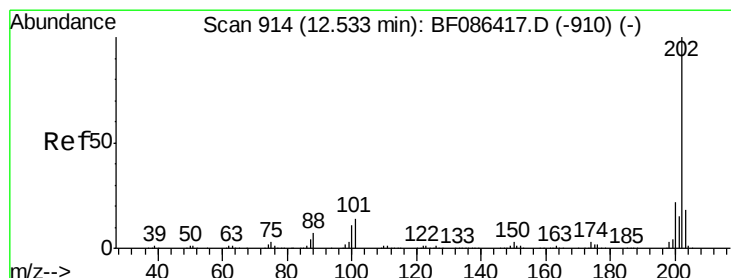
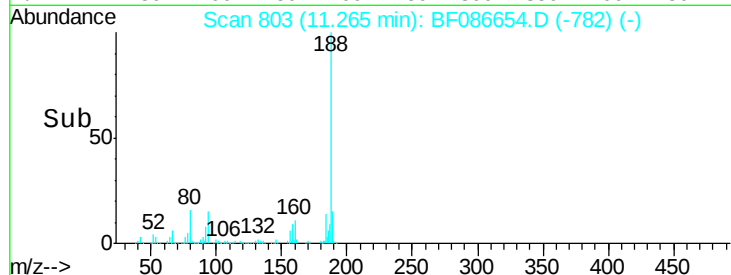
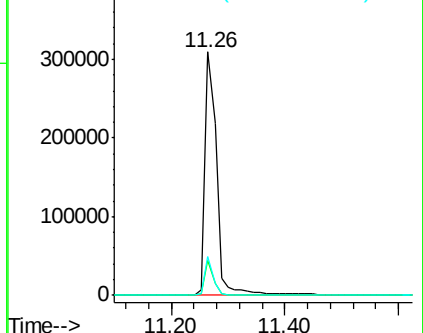
80 15.7 7.1 10.7#



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



#74

Fluoranthene

Concen: 2.95 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.06 min

Lab File: BF086654.D

Acq: 3 May 2016 19:48

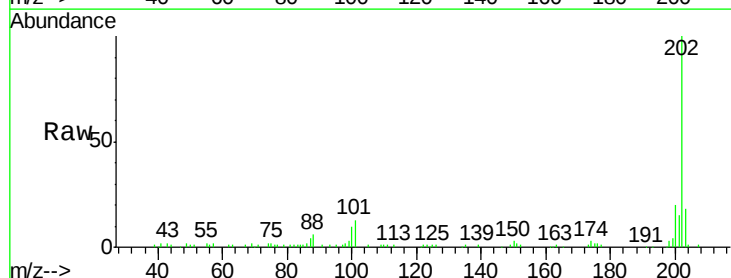
Tgt Ion:202 Resp: 65665

Ion Ratio Lower Upper

202 100

101 13.0 0.0 35.4

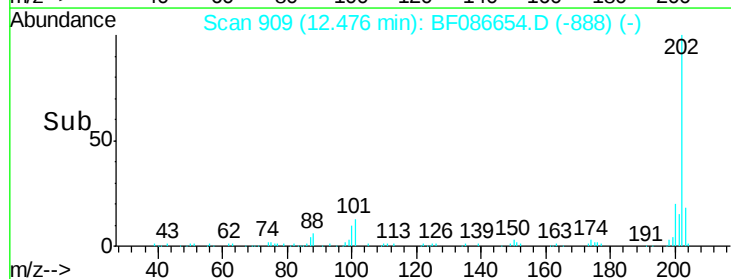
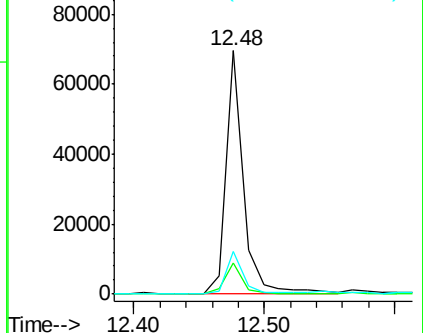
203 17.7 0.0 38.1

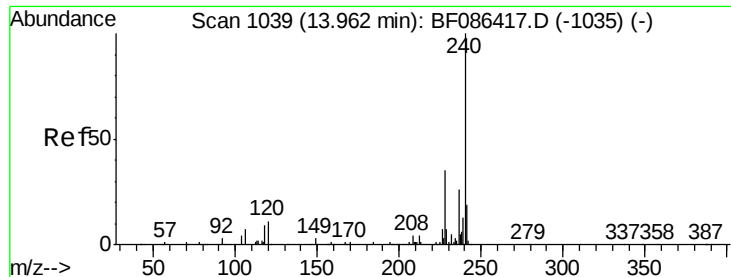


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF086654.D

Acq: 3 May 2016 19:48

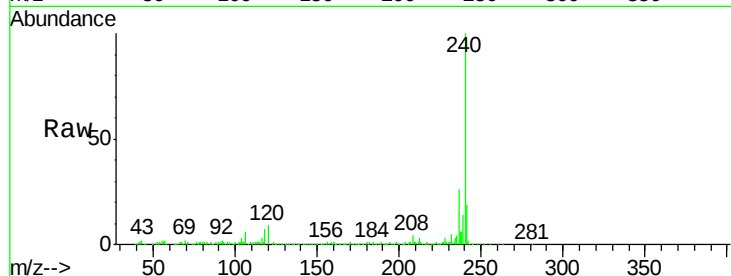
Instrument :

BNA_F

ClientSampleId :

26WARD-1B-CS-1(0-16FTBGS)

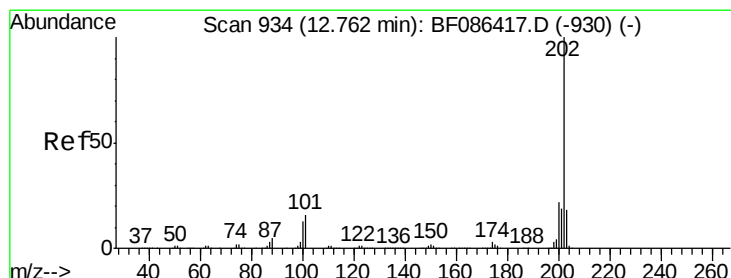
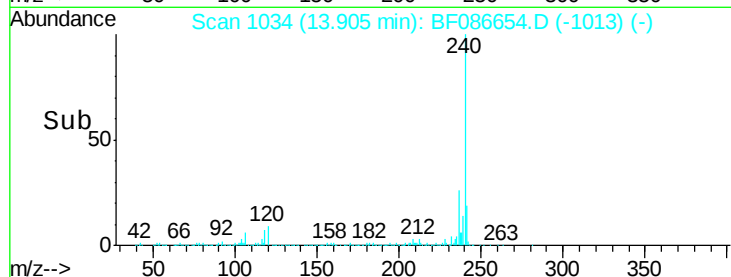
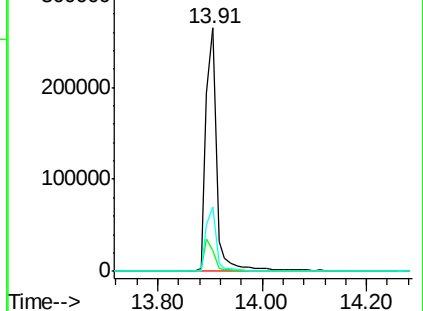
Tgt Ion:	240	Resp:	383757
Ion Ratio	Lower	Upper	
240	100		
120	8.8	11.2	16.8#
236	26.4	21.2	31.8



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



#77

Pyrene

Concen: 2.27 ng

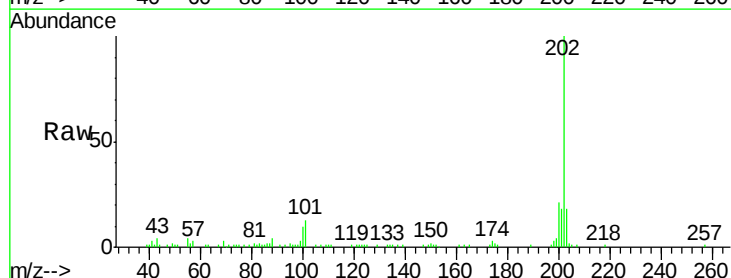
RT: 12.71 min Scan# 929

Delta R.T. -0.06 min

Lab File: BF086654.D

Acq: 3 May 2016 19:48

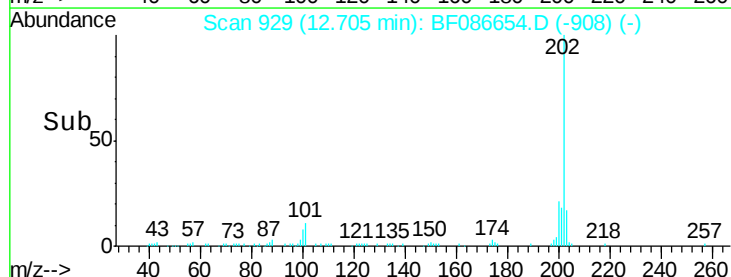
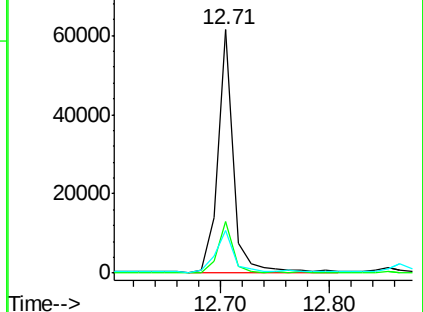
Tgt Ion:	202	Resp:	62809
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.7	26.5
203	17.5	14.2	21.4

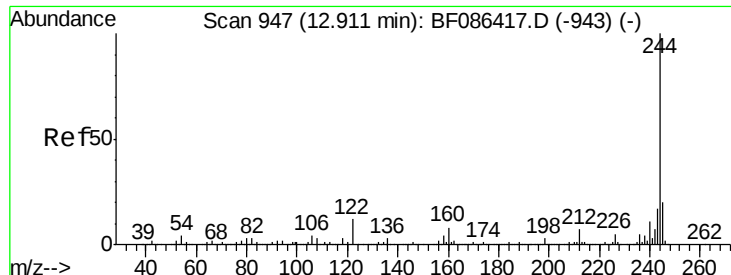


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

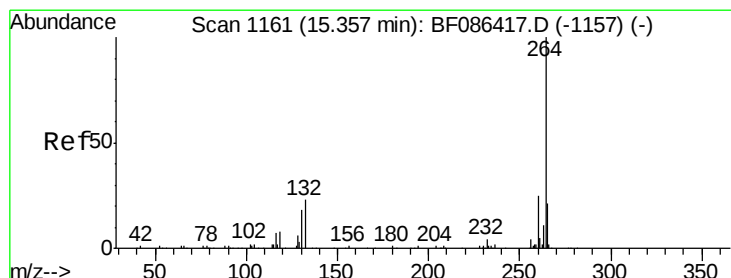
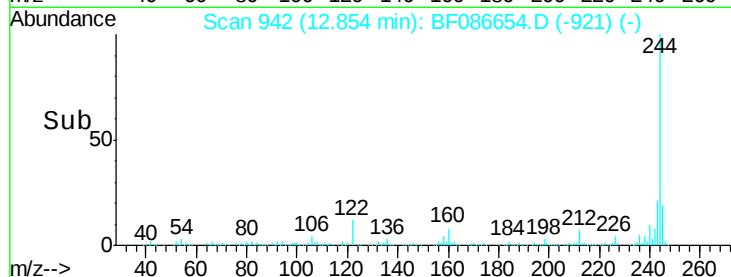
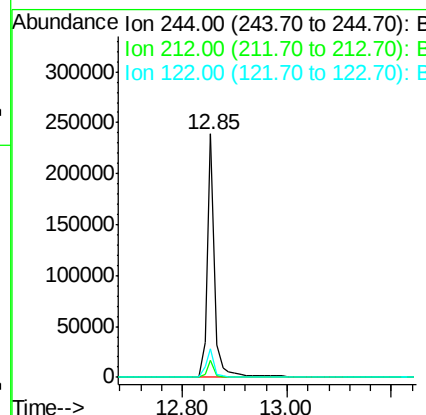
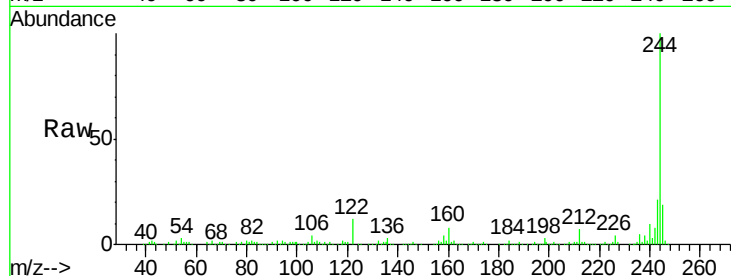




#78
 Terphenyl-d14
 Concen: 13.58 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.06 min
 Lab File: BF086654.D
 Acq: 3 May 2016 19:48

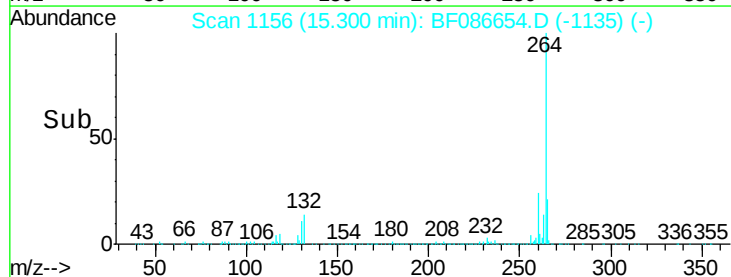
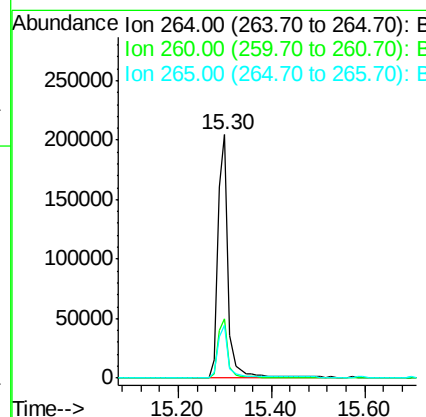
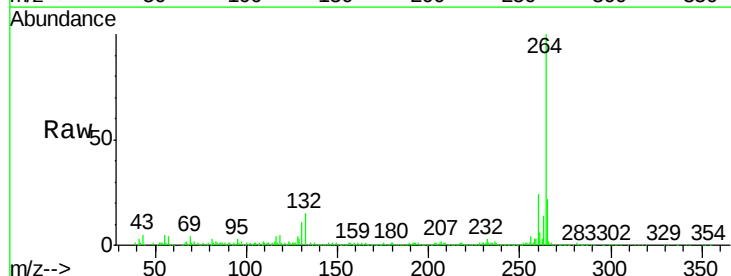
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-1B-CS-1(0-16FTBGS)

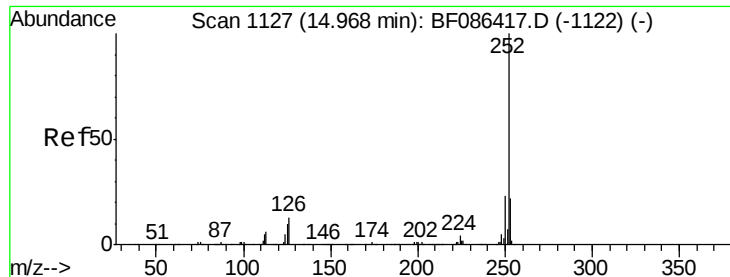
Tgt Ion:244 Resp: 236507
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 11.6 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.06 min
 Lab File: BF086654.D
 Acq: 3 May 2016 19:48

Tgt Ion:264 Resp: 318775
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.5 17.3 25.9

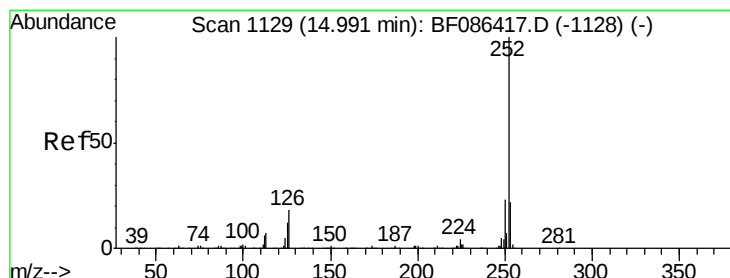
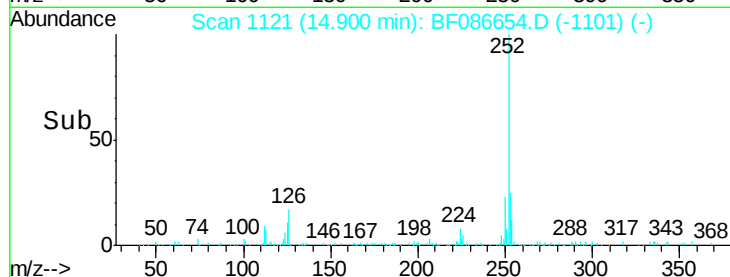
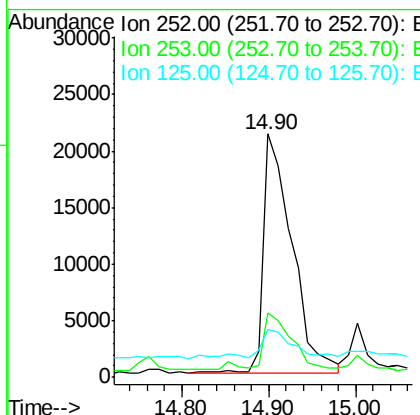
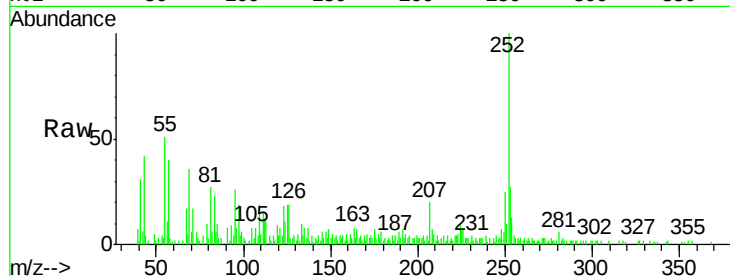




#87
Benzo(b)fluoranthene
Concen: 2.57 ng
RT: 14.90 min Scan# 1121
Delta R.T. -0.07 min
Lab File: BF086654.D
Acq: 3 May 2016 19:48

Instrument :
BNA_F
ClientSampleId :
26WARD-1B-CS-1(0-16FTBGS)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.8	26.6
125	19.4	11.4	17.0#



#88
Benzo(k)fluoranthene
Concen: 2.46 ng
RT: 14.90 min Scan# 1121
Delta R.T. -0.09 min
Lab File: BF086654.D
Acq: 3 May 2016 19:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.8	26.6
125	19.4	9.1	13.7#

