

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061616\
 Data File : BF088084.D
 Acq On : 16 Jun 2016 19:19
 Operator : UM/SJ
 Sample : H3571-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMP

Quant Time: Jun 17 04:07:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 14:54:54 2016
 Response via : Initial Calibration

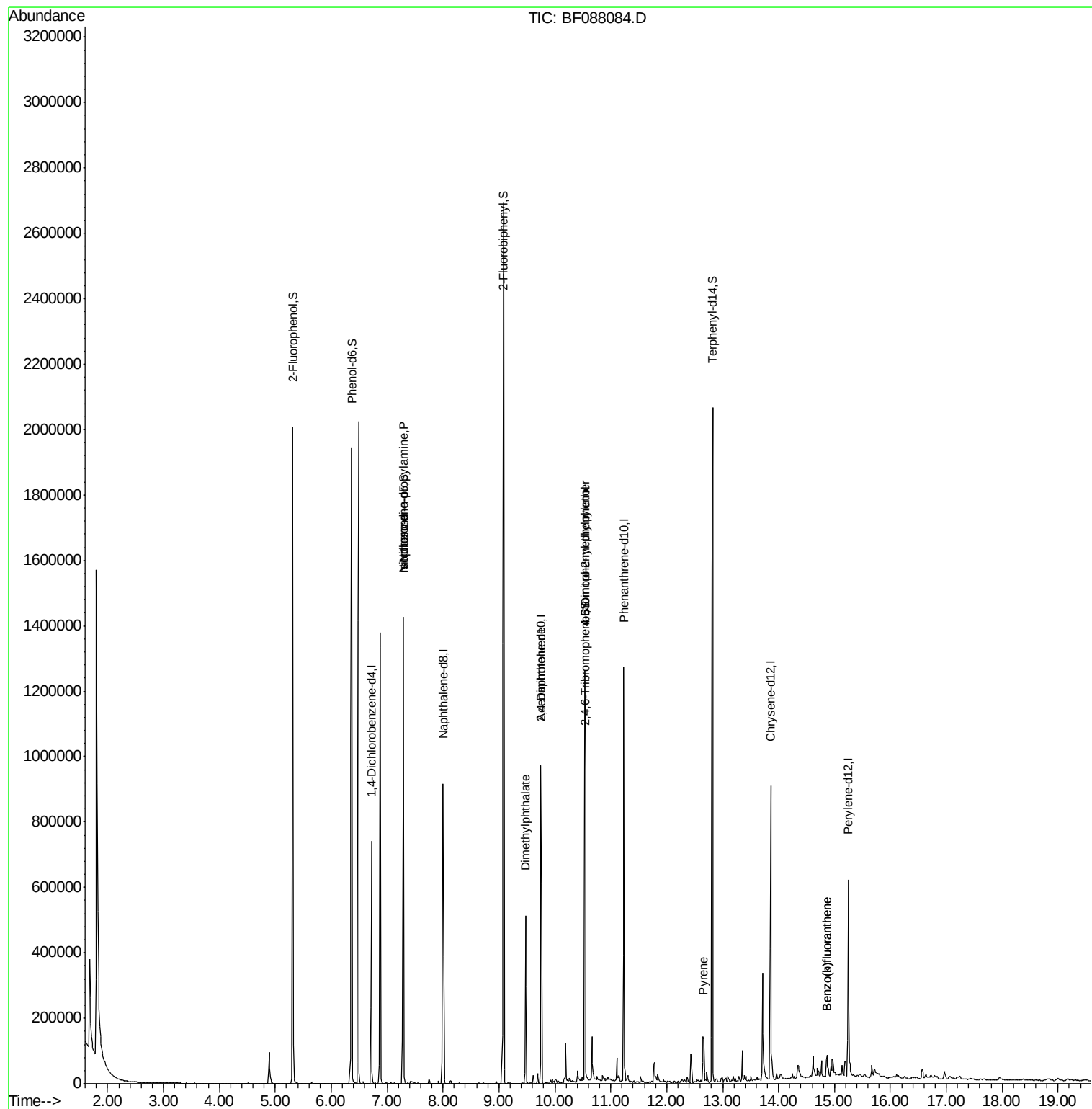
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	124150	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	492877	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	239294	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	465606	20.00	ng	0.00
75) Chrysene-d12	13.86	240	307180	20.00	ng	0.00
86) Perylene-d12	15.25	264	254112	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	690973	95.15	ng	0.01
7) Phenol-d6	6.36	99	847102	96.25	ng	0.00
23) Nitrobenzene-d5	7.29	82	602191	71.35	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	235448	93.18	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	977226	62.70	ng	0.00
78) Terphenyl-d14	12.82	244	860763	63.76	ng	0.00
Target Compounds						
10) Phenol	6.38	94	9515	Below Cal		Qvalue 88
19) n-Nitroso-di-n-propylamine	7.29	70	78396	13.92 ng	#	68
25) Isophorone	7.29	82	570619	36.50 ng	#	65
45) 1,1'-Biphenyl	9.08	154	2046	Below Cal	#	1
49) Dimethylphthalate	9.47	163	276950	15.98 ng		99
56) 2,4-Dinitrotoluene	9.75	165	30533	5.98 ng	#	38
57) Fluorene	10.30	166	1768	Below Cal	#	91
64) 4,6-Dinitro-2-methylphenol	10.54	198	492	2.32 ng	#	1
66) 4-Bromophenyl-phenylether	10.54	248	14358	2.87 ng	#	1
77) Pyrene	12.66	202	49759	2.18 ng		99
87) Benzo(b)fluoranthene	14.87	252	47887	2.70 ng	#	93
88) Benzo(k)fluoranthene	14.87	252	47887	3.58 ng		98

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

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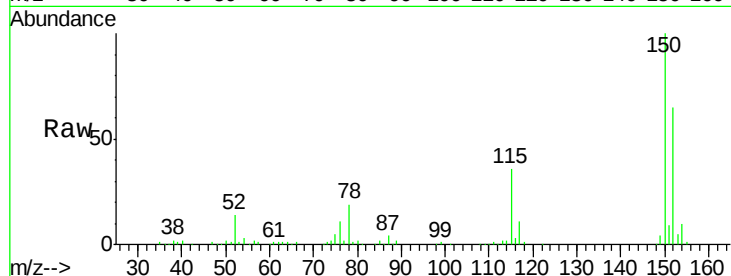




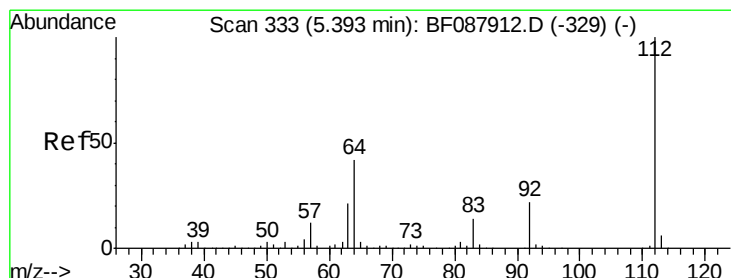
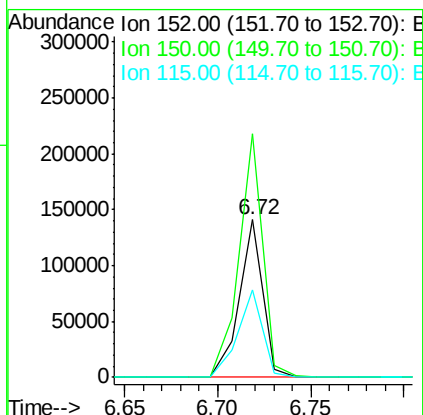
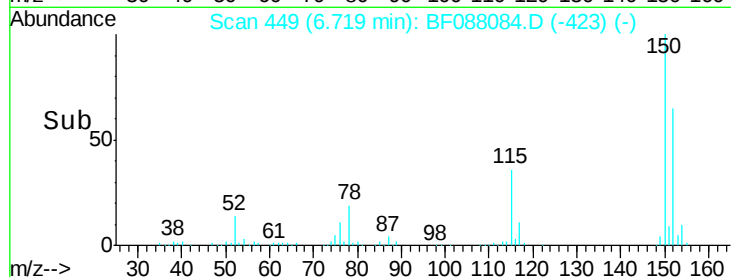
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF088084.D
 Acq: 16 Jun 2016 19:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.8	185.6
115	55.4	39.6	59.4

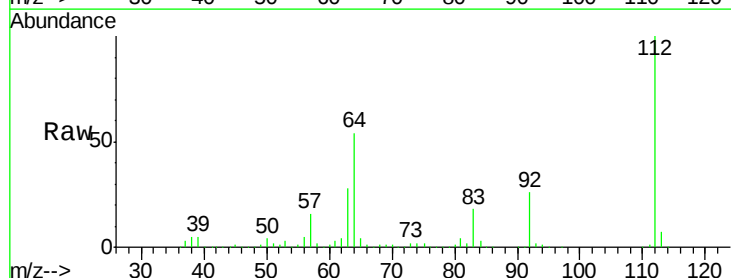


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

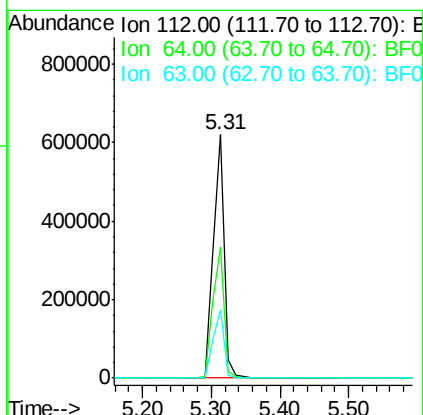
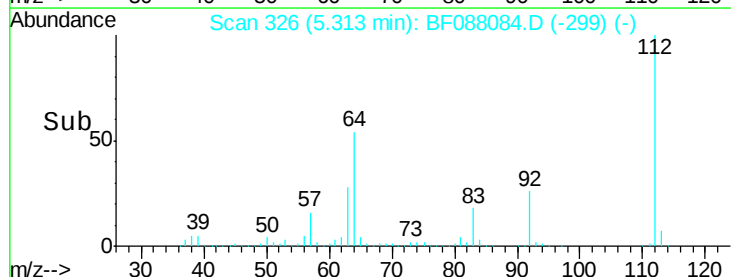


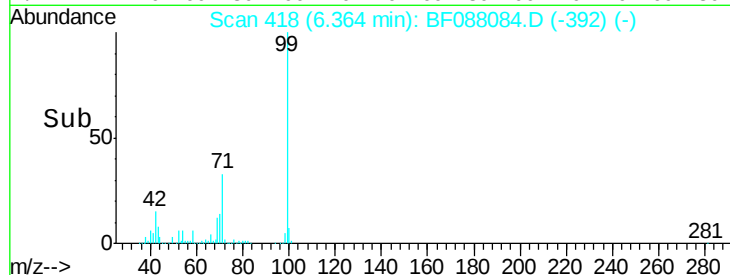
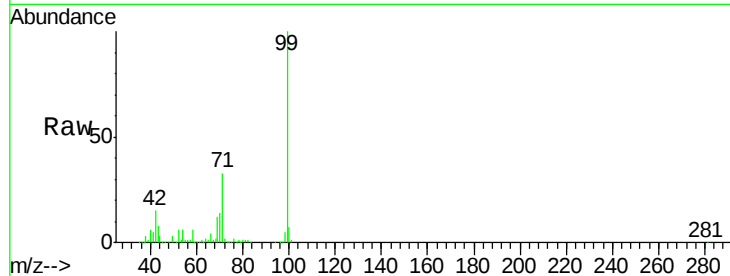
#5
 2-Fluorophenol
 Concen: 95.15 ng
 RT: 5.31 min Scan# 326
 Delta R.T. 0.01 min
 Lab File: BF088084.D
 Acq: 16 Jun 2016 19:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	42.2	63.2
63	28.0	21.8	32.8



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: 96.25 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF088084.D

Acq: 16 Jun 2016 19:19

Instrument :

BNA_F

ClientSampleId :

SB-27-COMP

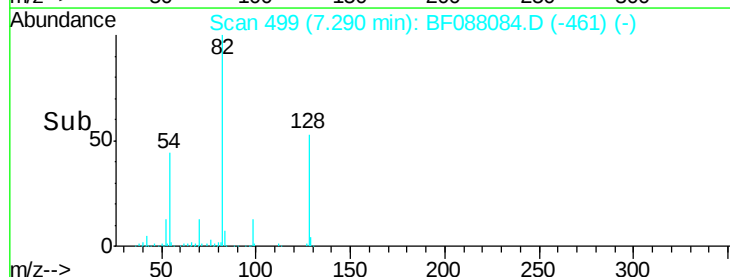
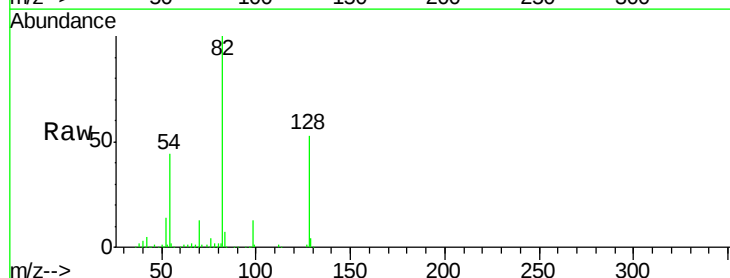
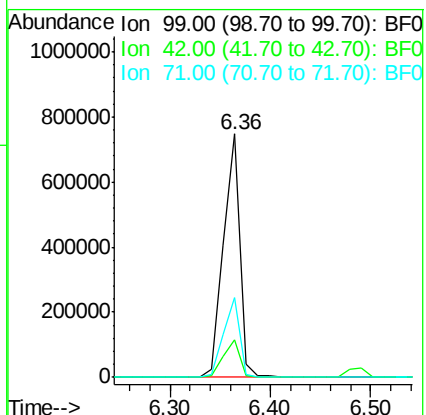
Tgt Ion: 99 Resp: 847102

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

71 33.0 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.92 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.14 min

Lab File: BF088084.D

Acq: 16 Jun 2016 19:19

Tgt Ion: 70 Resp: 78396

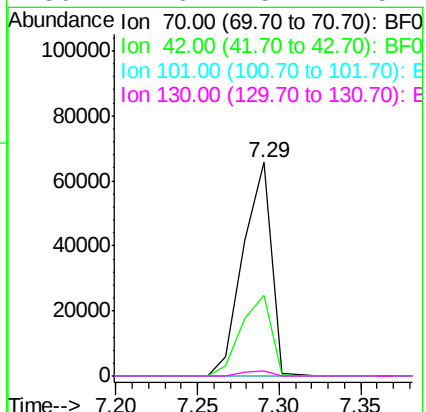
Ion Ratio Lower Upper

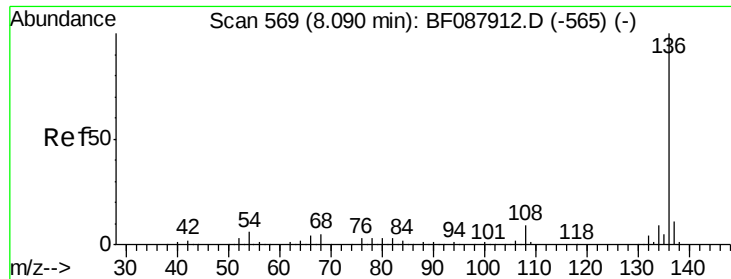
70 100

42 37.6 49.6 74.4#

101 0.0 7.1 10.7#

130 2.6 15.4 23.2#

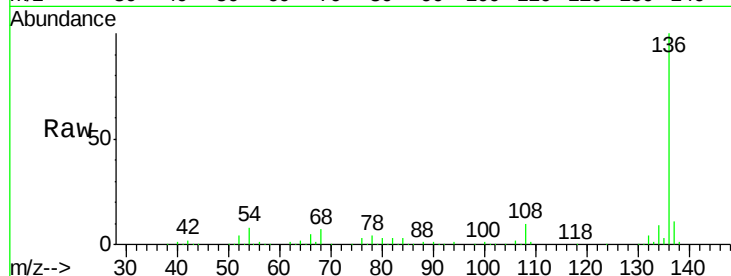




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF088084.D
Acq: 16 Jun 2016 19:19

Instrument :
BNA_F
ClientSampleId :
SB-27-COMP

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.2	6.6	10.0
68	6.8	5.1	7.7

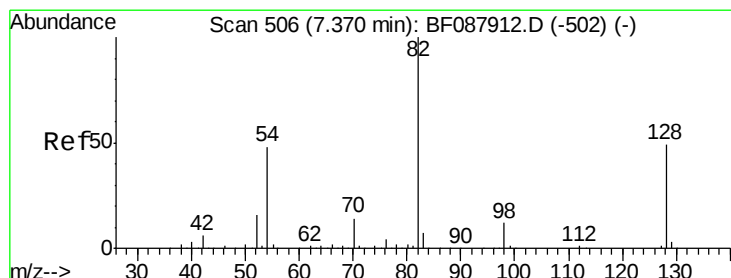
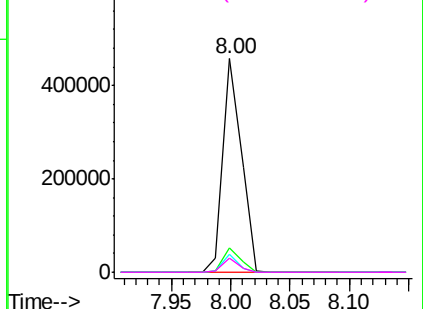
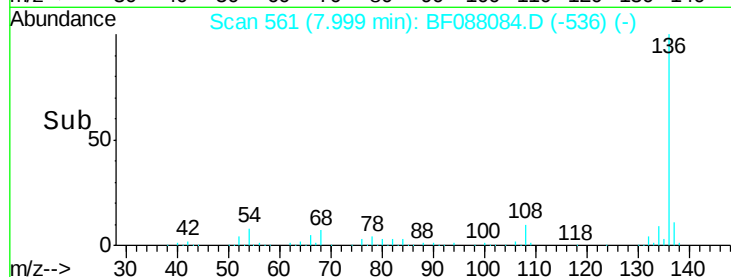


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

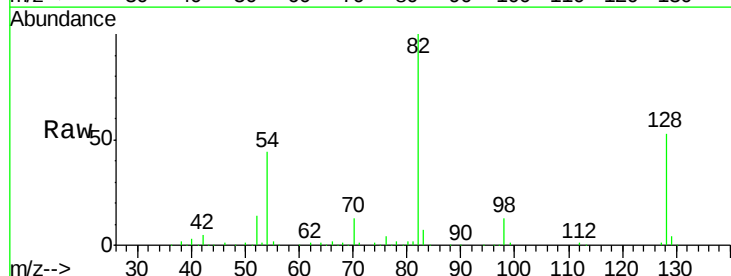
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23
Nitrobenzene-d5
Concen: 71.35 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF088084.D
Acq: 16 Jun 2016 19:19

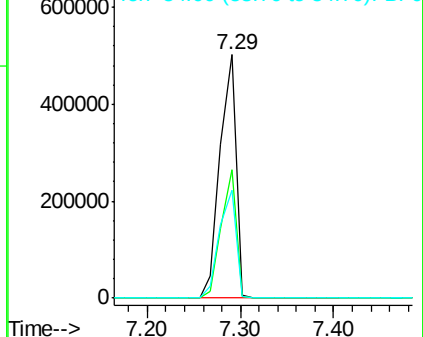
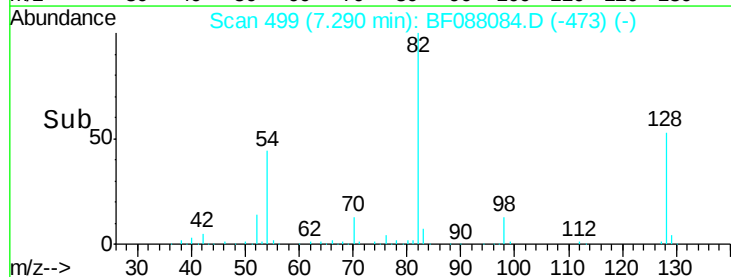
Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.8	35.9	53.9
54	44.1	40.9	61.3

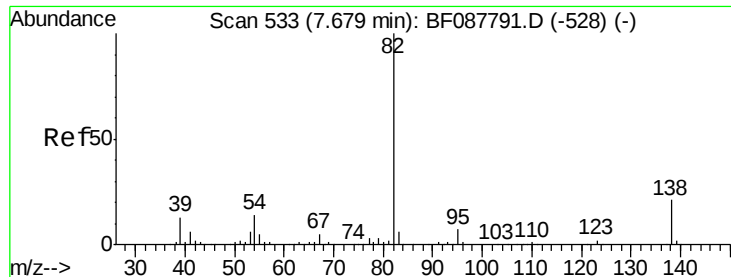


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0

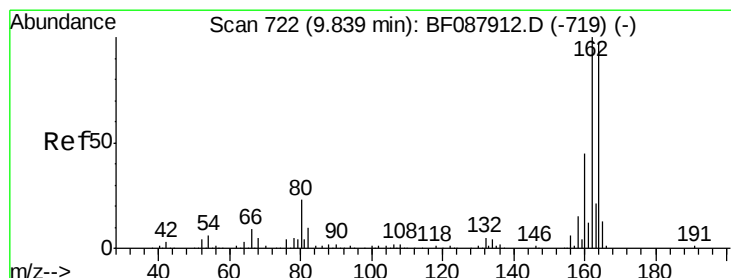
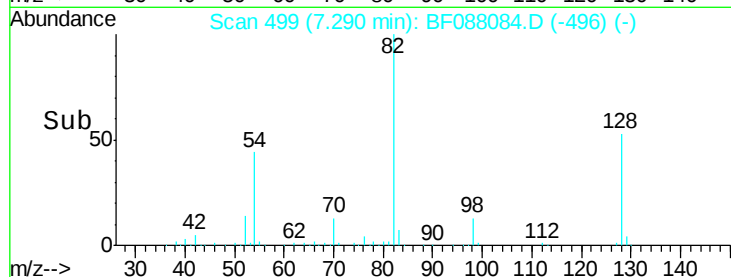
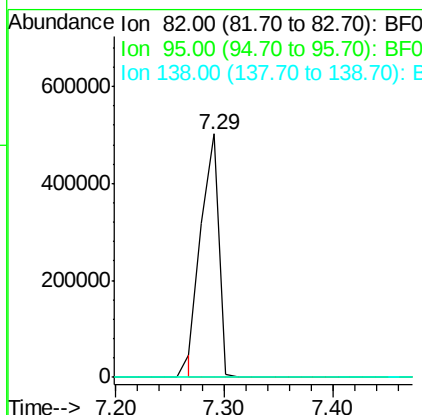
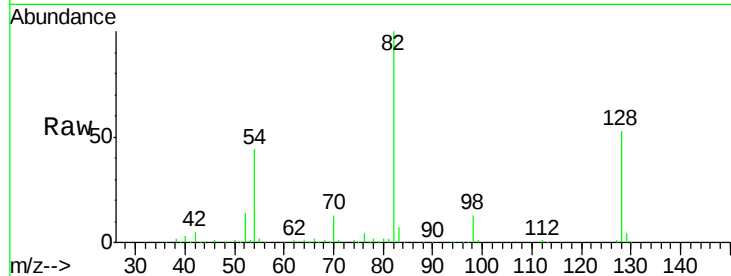




#25
Isophorone
Concen: 36.50 ng
RT: 7.29 min Scan# 499
Delta R.T. -0.26 min
Lab File: BF088084.D
Acq: 16 Jun 2016 19:19

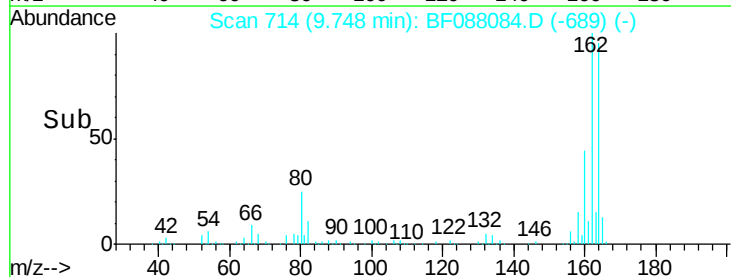
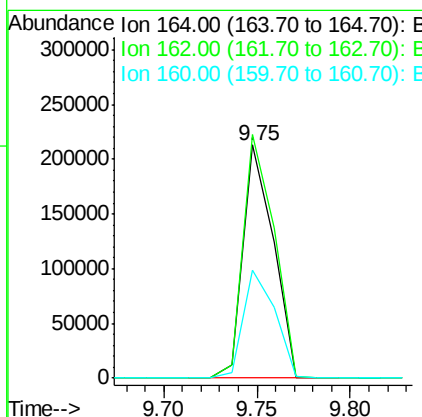
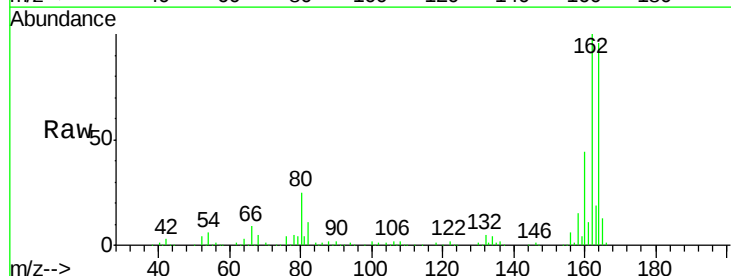
Instrument :
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ClientSampleId :
SB-27-COMP

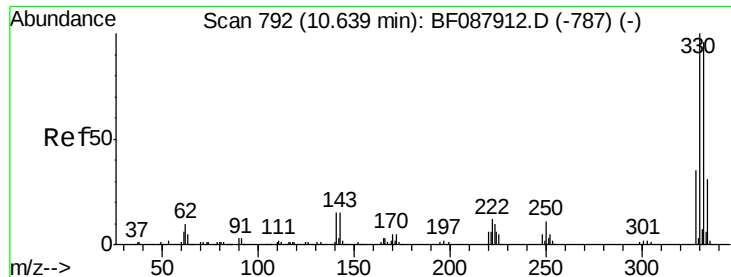
Tgt Ion: 82 Resp: 570619
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 14.6 21.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF088084.D
Acq: 16 Jun 2016 19:19

Tgt Ion: 164 Resp: 239294
Ion Ratio Lower Upper
164 100
162 104.6 85.4 128.2
160 46.5 39.5 59.3

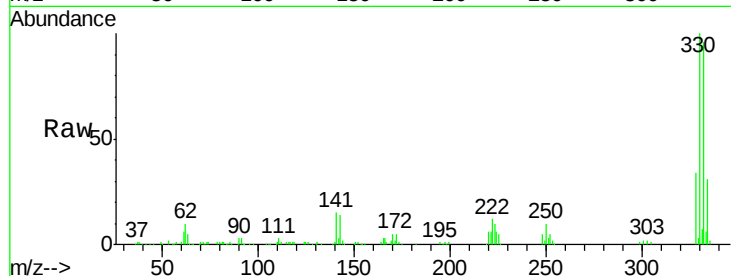




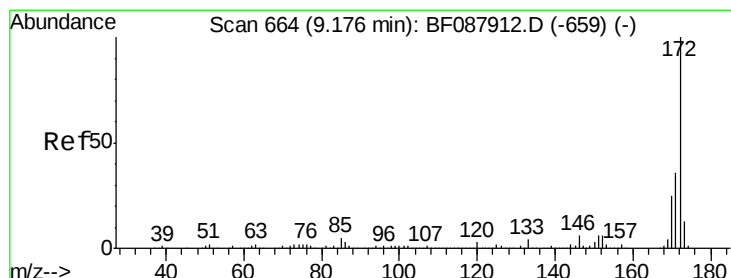
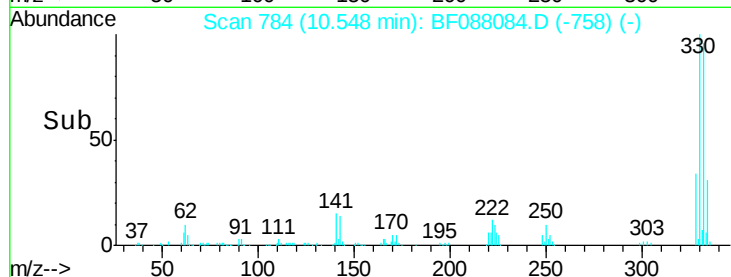
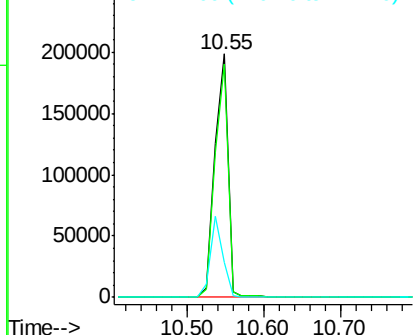
#41
 2,4,6-Tribromophenol
 Concen: 93.18 ng
 RT: 10.55 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF088084.D
 Acq: 16 Jun 2016 19:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMP

Tgt Ion: 330 Resp: 235448
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 32.1 0.0 0.0#

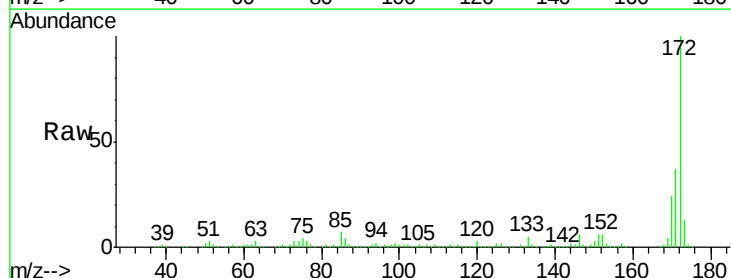


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

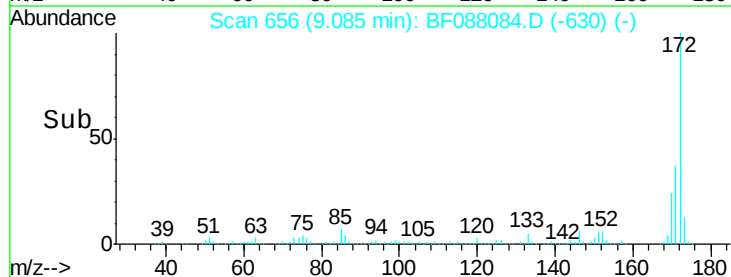
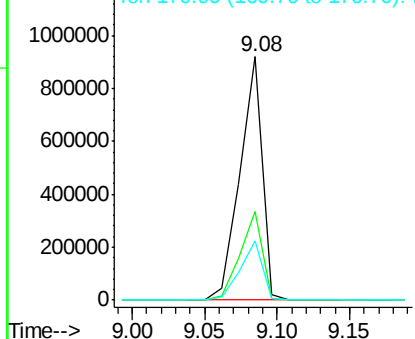


#44
 2-Fluorobiphenyl
 Concen: 62.70 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF088084.D
 Acq: 16 Jun 2016 19:19

Tgt Ion: 172 Resp: 977226
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.4 19.2 28.8



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

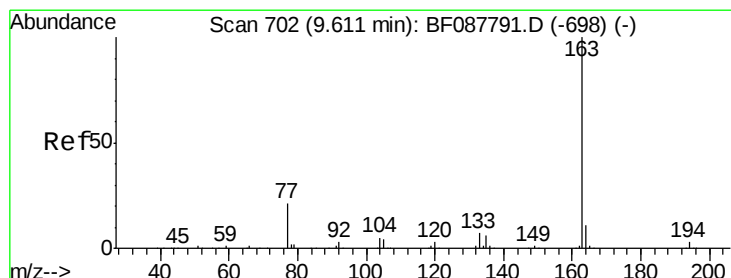
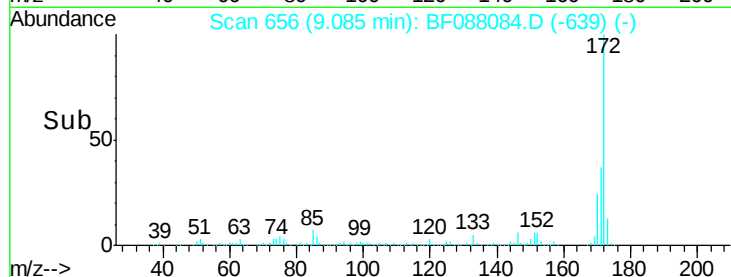
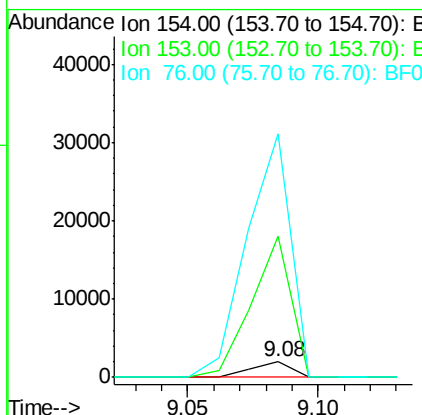
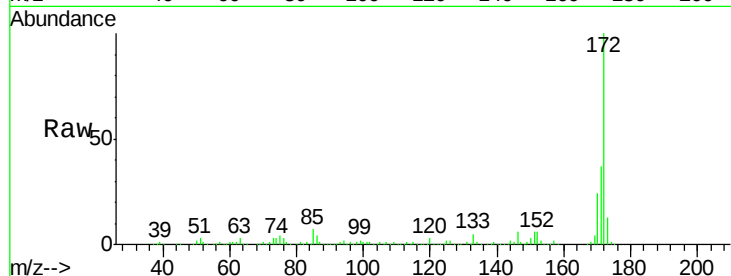




#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.08 min Scan# 656
Delta R.T. -0.10 min
Lab File: BF088084.D
Acq: 16 Jun 2016 19:19

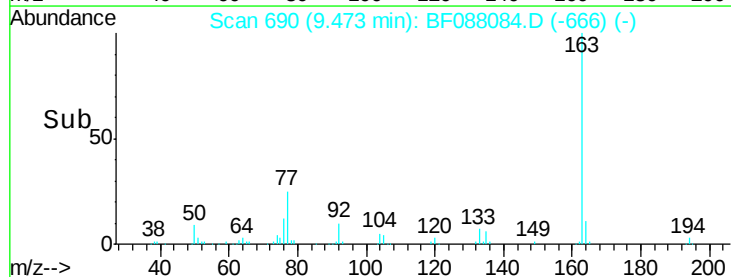
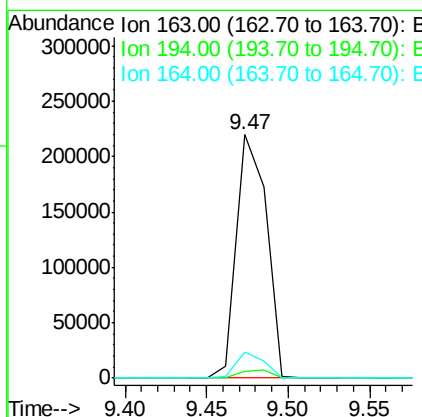
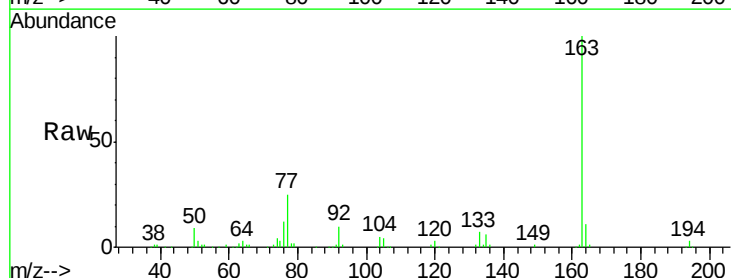
Instrument :
BNA_F
ClientSampleId :
SB-27-COMP

Tgt Ion:154 Resp: 2046
Ion Ratio Lower Upper
154 100
153 910.4 20.6 60.6#
76 1567.4 0.0 35.1#



#49
Dimethylphthalate
Concen: 15.98 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF088084.D
Acq: 16 Jun 2016 19:19

Tgt Ion:163 Resp: 276950
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.7 8.3 12.5

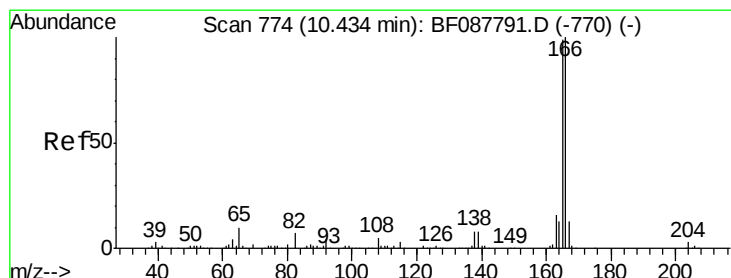
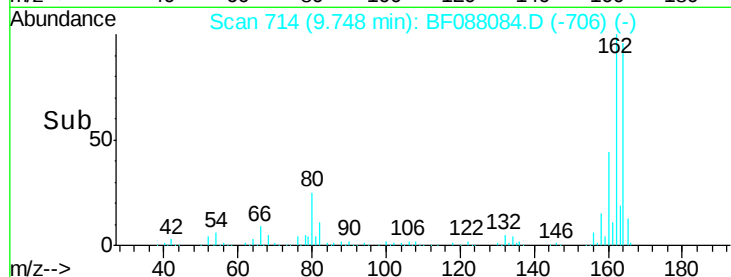
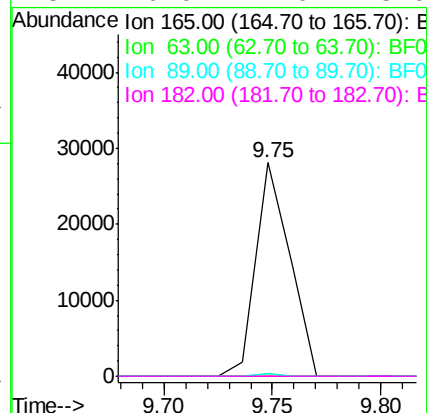
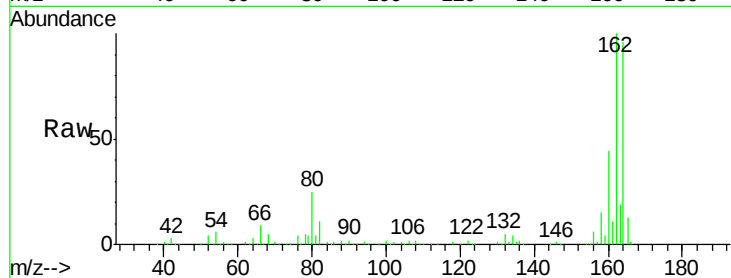




#56
2,4-Dinitrotoluene
Concen: 5.98 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.21 min
Lab File: BF088084.D
Acq: 16 Jun 2016 19:19

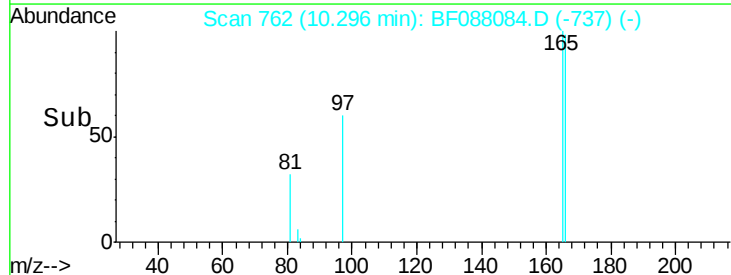
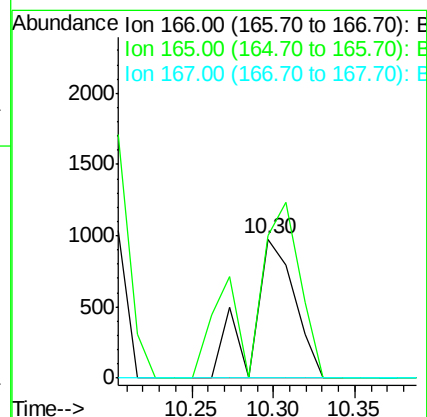
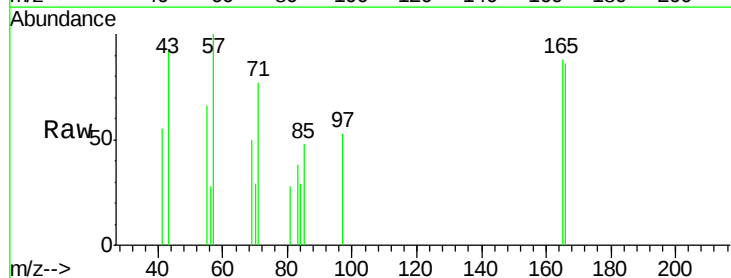
Instrument :
BNA_F
ClientSampleId :
SB-27-COMP

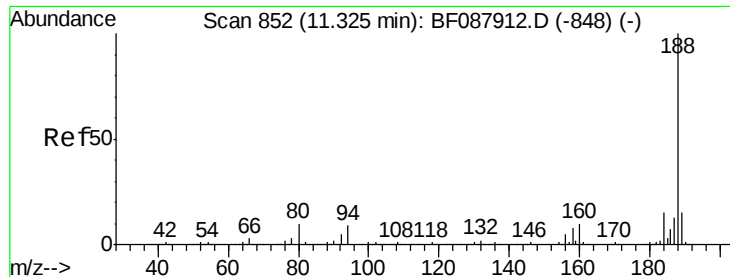
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	22.0	33.0#
89	1.4	41.1	61.7#
182	0.0	2.0	3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.30 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF088084.D
Acq: 16 Jun 2016 19:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.3	77.8	116.8
167	0.0	11.2	16.8#

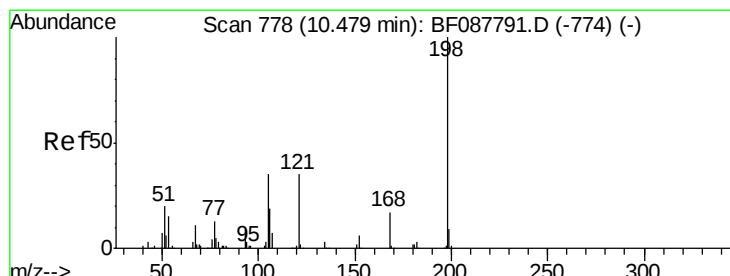
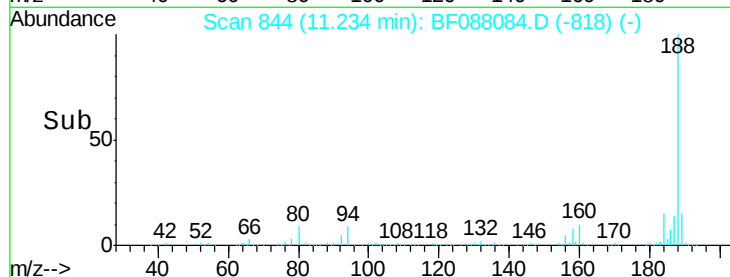
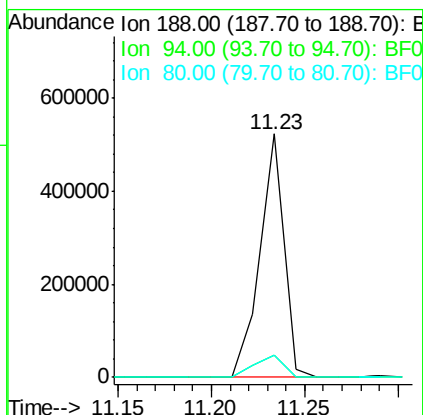
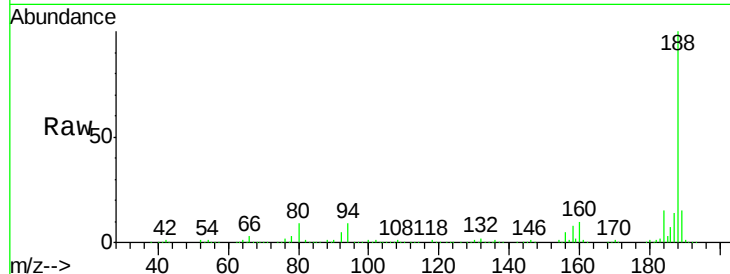




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF088084.D
 Acq: 16 Jun 2016 19:19

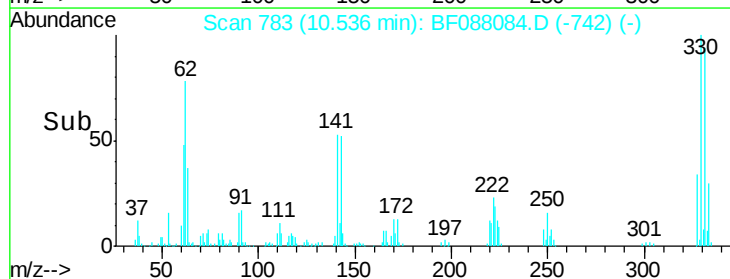
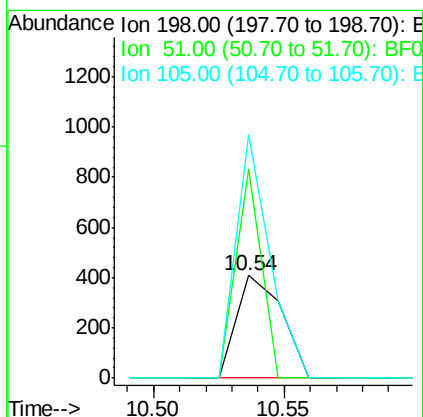
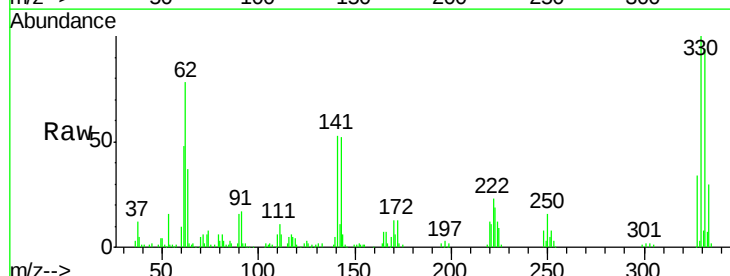
Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMP

Tgt Ion:188 Resp: 465606
 Ion Ratio Lower Upper
 188 100
 94 9.2 9.0 13.6
 80 9.1 10.0 15.0#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.32 ng
 RT: 10.54 min Scan# 783
 Delta R.T. 0.17 min
 Lab File: BF088084.D
 Acq: 16 Jun 2016 19:19

Tgt Ion:198 Resp: 492
 Ion Ratio Lower Upper
 198 100
 51 204.2 39.6 79.6#
 105 237.2 36.6 76.6#

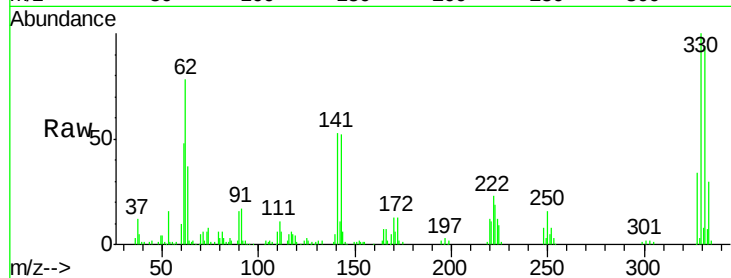




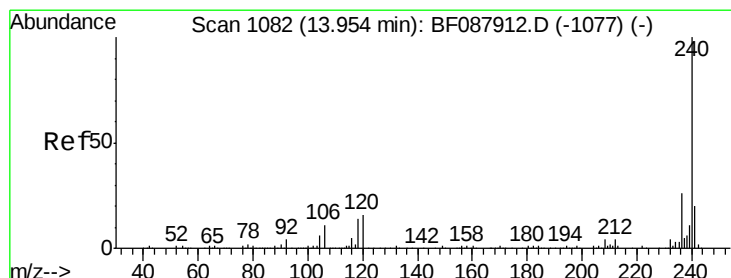
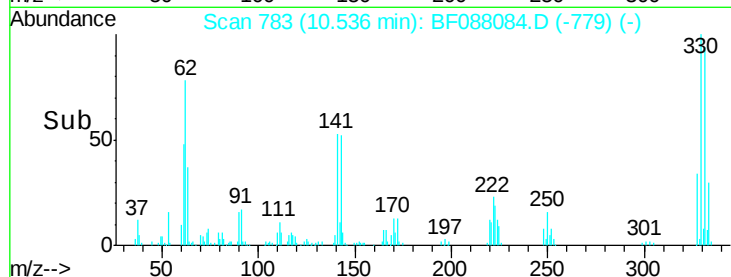
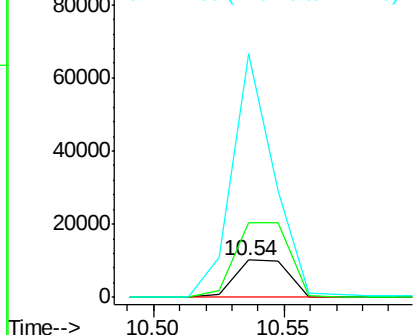
#66
 4-Bromophenyl-phenylether
 Concen: 2.87 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.25 min
 Lab File: BF088084.D
 Acq: 16 Jun 2016 19:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMP

Tgt Ion:248 Resp: 14358
 Ion Ratio Lower Upper
 248 100
 250 201.2 77.1 115.7#
 141 656.1 50.6 76.0#

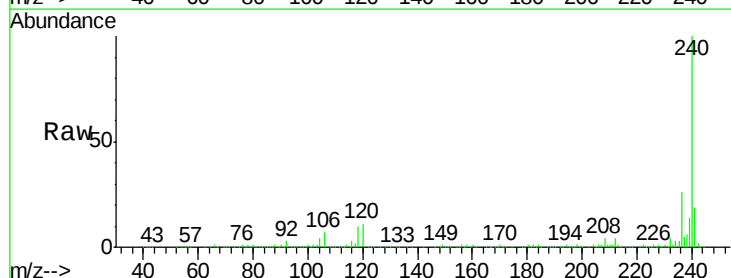


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

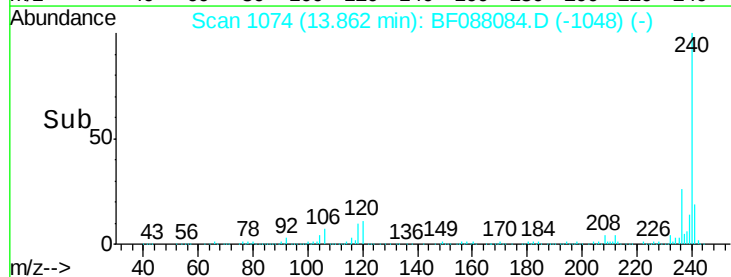
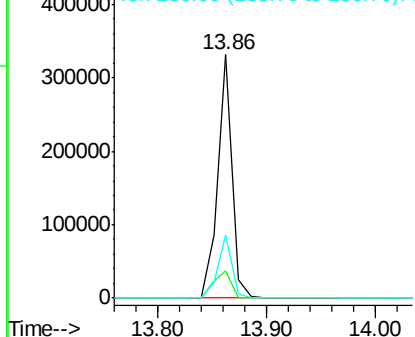


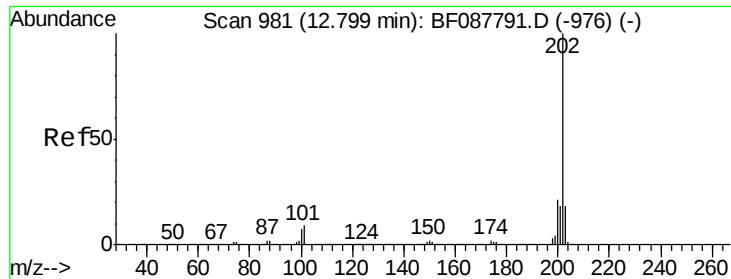
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.86 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BF088084.D
 Acq: 16 Jun 2016 19:19

Tgt Ion:240 Resp: 307180
 Ion Ratio Lower Upper
 240 100
 120 11.0 6.8 10.2#
 236 26.1 20.2 30.2



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

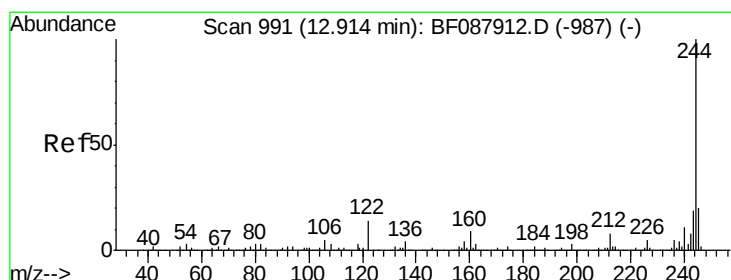
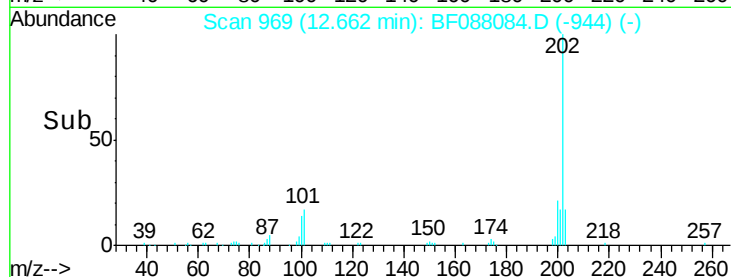
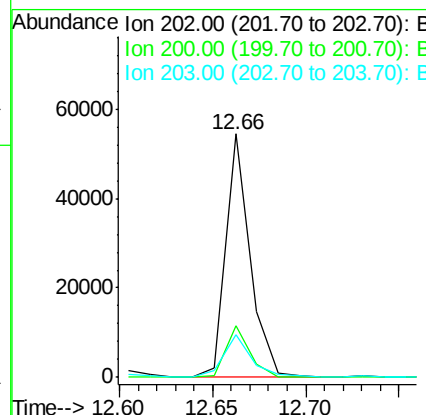
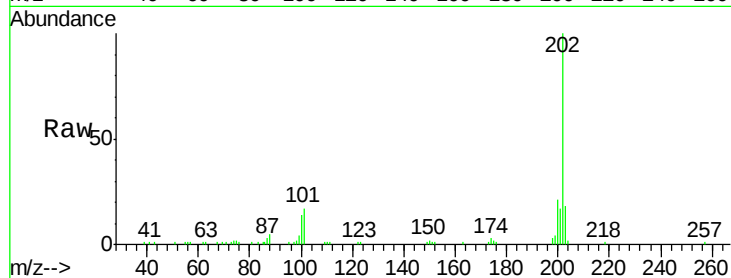




#77
 Pyrene
 Concen: 2.18 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF088084.D
 Acq: 16 Jun 2016 19:19

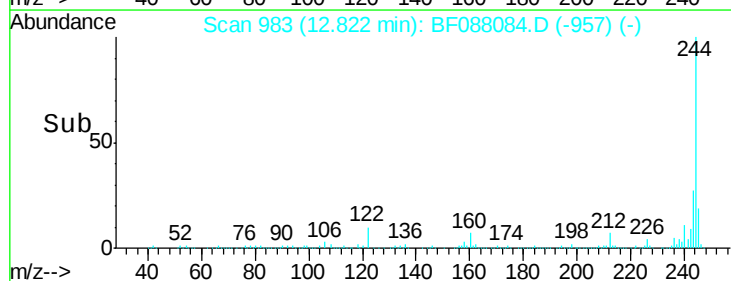
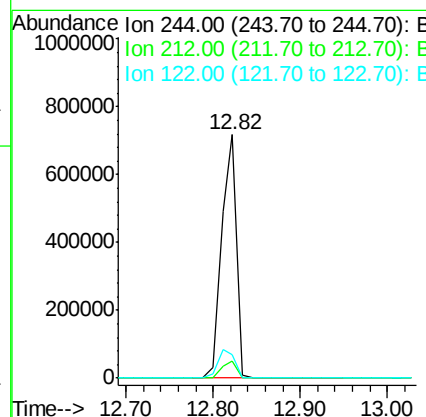
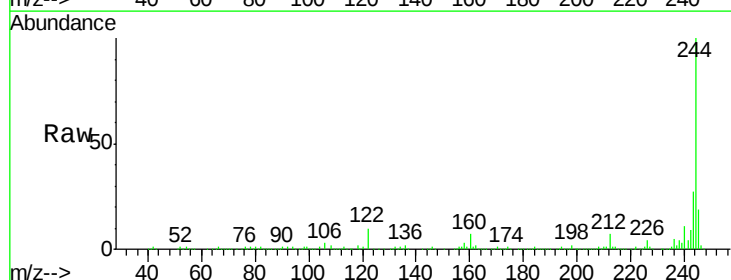
Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMP

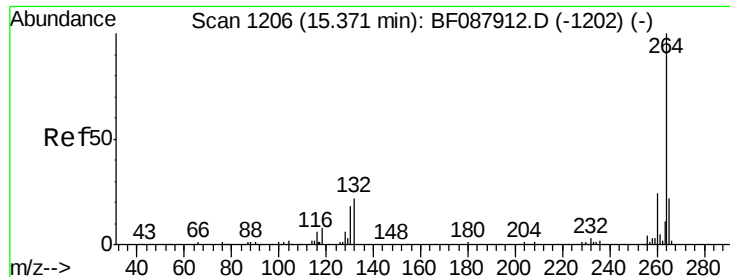
Tgt Ion: 202 Resp: 49759
 Ion Ratio Lower Upper
 202 100
 200 21.0 17.4 26.2
 203 17.7 14.5 21.7



#78
 Terphenyl-d14
 Concen: 63.76 ng
 RT: 12.82 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF088084.D
 Acq: 16 Jun 2016 19:19

Tgt Ion: 244 Resp: 860763
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.7 11.2 16.8#

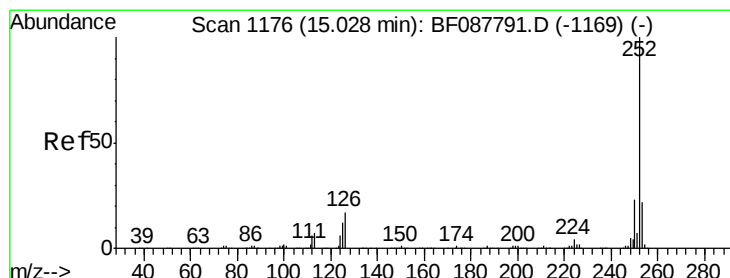
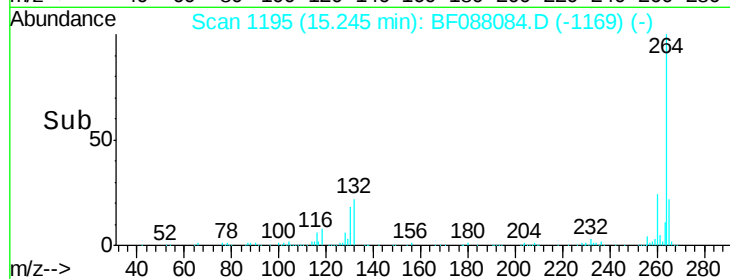
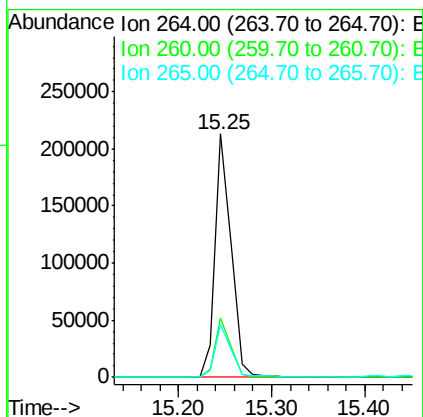
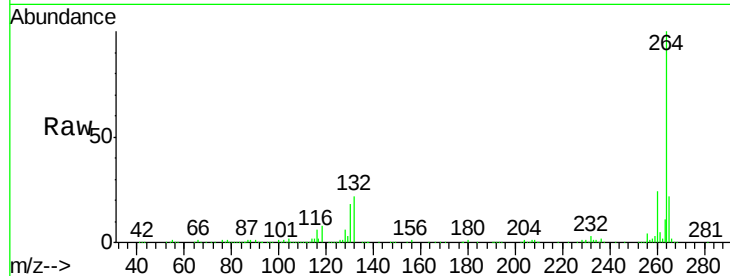




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF088084.D
 Acq: 16 Jun 2016 19:19

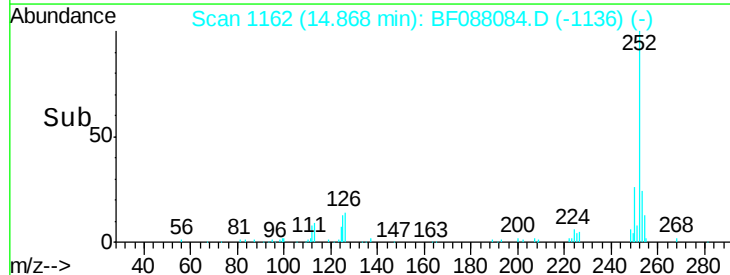
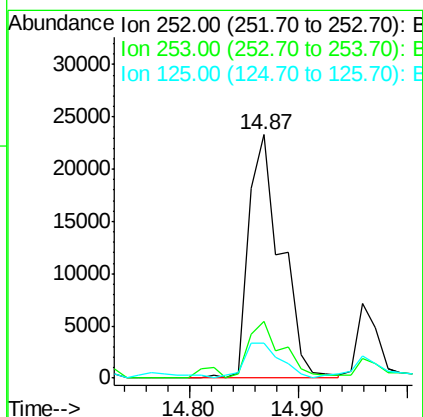
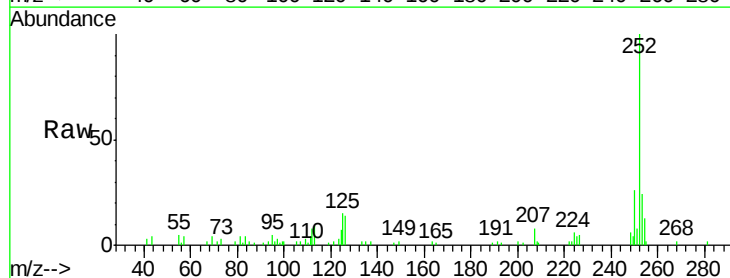
Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMP

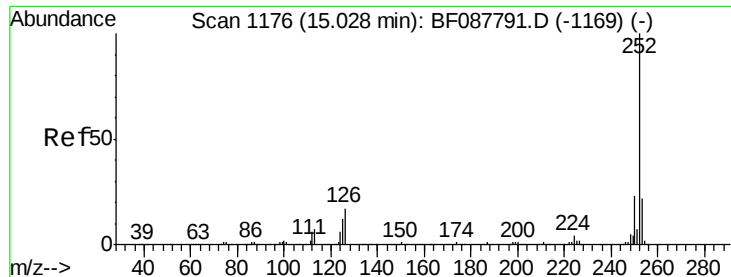
Tgt Ion: 264 Resp: 254112
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.9 16.9 25.3



#87
 Benzo(b)fluoranthene
 Concen: 2.70 ng
 RT: 14.87 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BF088084.D
 Acq: 16 Jun 2016 19:19

Tgt Ion: 252 Resp: 47887
 Ion Ratio Lower Upper
 252 100
 253 23.5 17.4 26.2
 125 14.5 7.1 10.7#





#88

Benzo(k)fluoranthene

Concen: 3.58 ng

RT: 14.87 min Scan# 1162

Delta R.T. -0.02 min

Lab File: BF088084.D

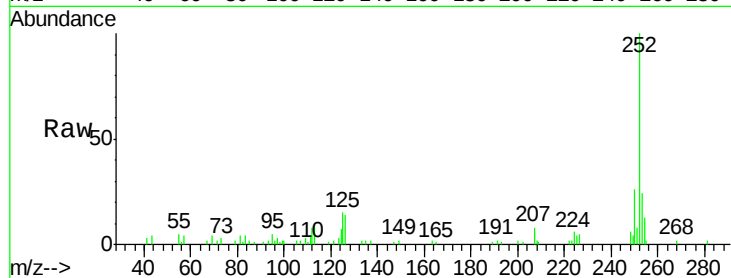
Acq: 16 Jun 2016 19:19

Instrument :

BNA_F

ClientSampleId :

SB-27-COMP



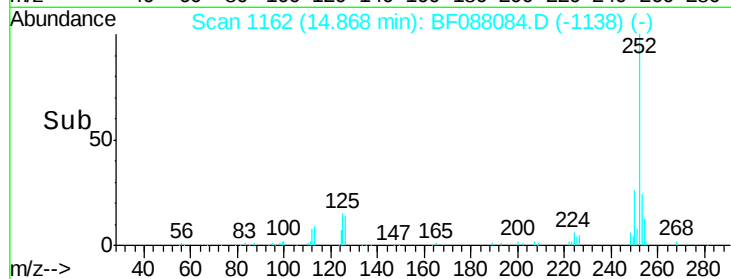
Tgt Ion: 252 Resp: 47887

Ion Ratio Lower Upper

252 100

253 23.5 18.0 27.0

125 14.5 11.2 16.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

