

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
 Data File : BF090915.D
 Acq On : 28 Oct 2016 18:28
 Operator : UM/SJ
 Sample : H5439-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9COMP(0-16FEET)

Quant Time: Oct 28 23:05:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 15:18:12 2016
 Response via : Initial Calibration

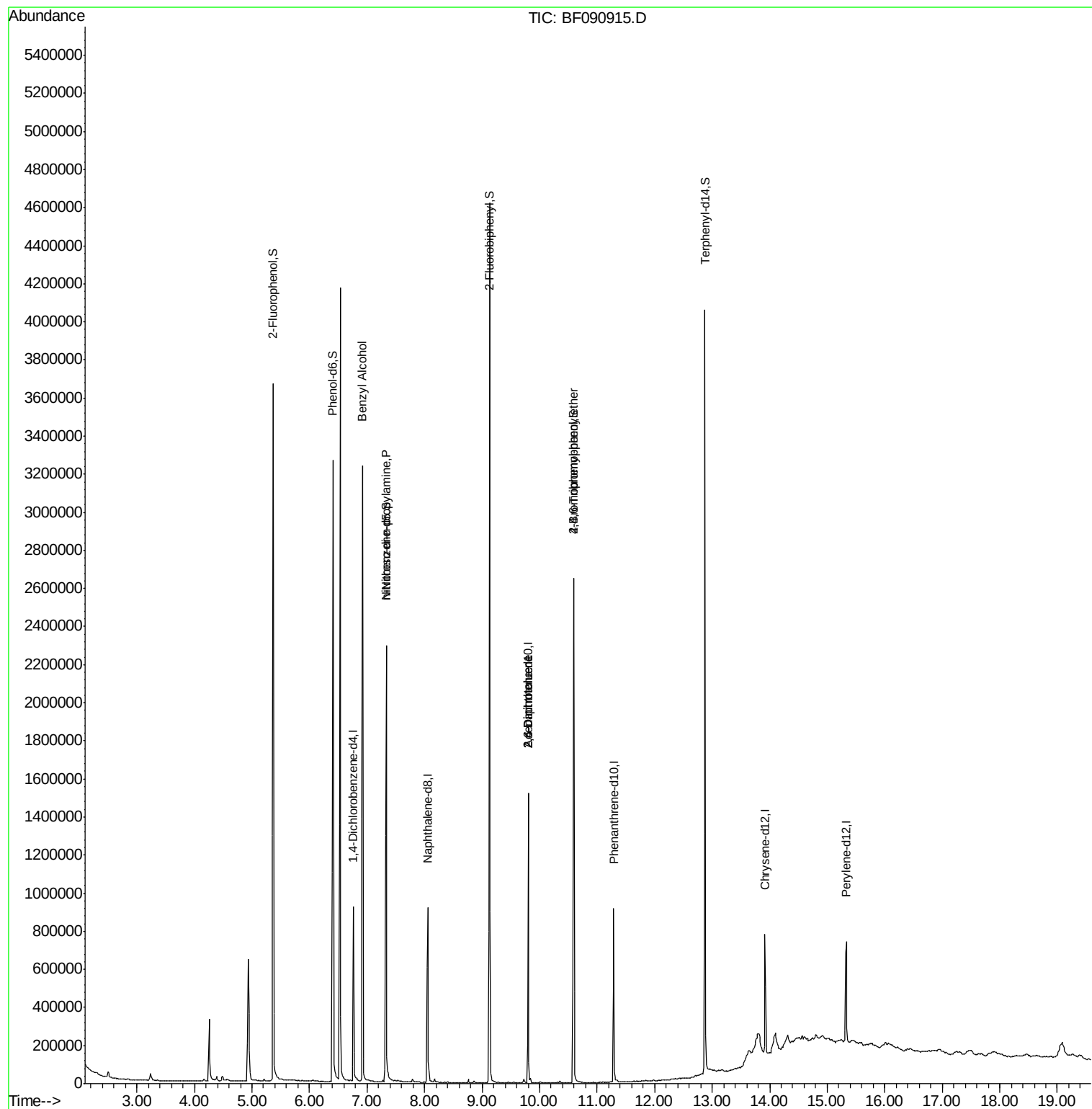
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	139592	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	561412	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	287839	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	394691	20.00	ng	0.00
75) Chrysene-d12	13.92	240	248716	20.00	ng	-0.01
86) Perylene-d12	15.33	264	270707	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1094070	137.03	ng	0.01
7) Phenol-d6	6.41	99	1290026	119.77	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1012196	118.03	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	316079	106.85	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1478709	90.21	ng	-0.01
78) Terphenyl-d14	12.88	244	1263137	127.95	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.92	79	16629	2.35	ng	# 28
19) n-Nitroso-di-n-propylamine	7.33	70	136306	21.89	ng	# 51
50) 2,6-Dinitrotoluene	9.80	165	37175	8.75	ng	# 38
56) 2,4-Dinitrotoluene	9.80	165	37178	7.05	ng	# 33
66) 4-Bromophenyl-phenylether	10.59	248	21838	5.05	ng	# 1

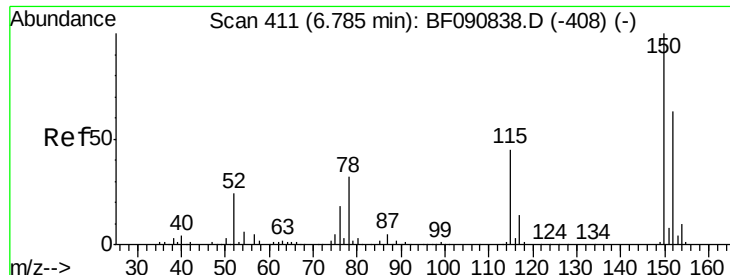
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF090915.D

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BNA_F

ClientSampleId :

SB-9COMP(0-16FEET)

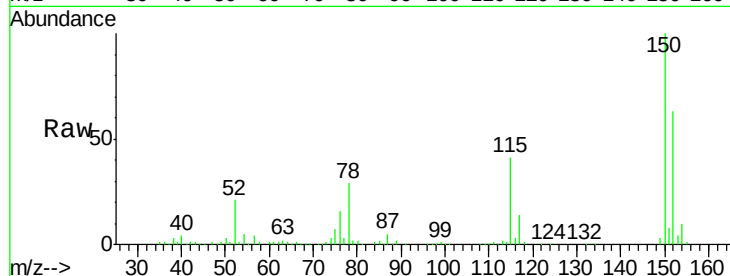
Tgt Ion:152 Resp: 139592

Ion Ratio Lower Upper

152 100

150 158.3 124.7 187.1

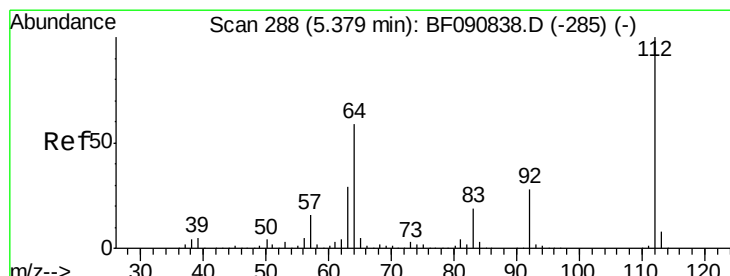
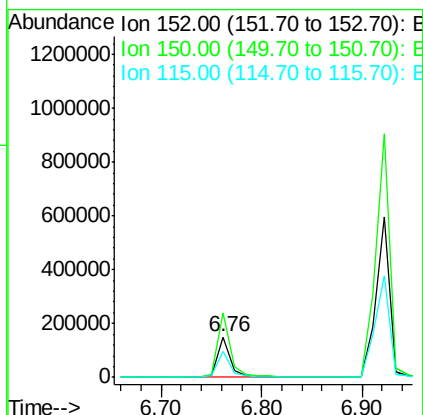
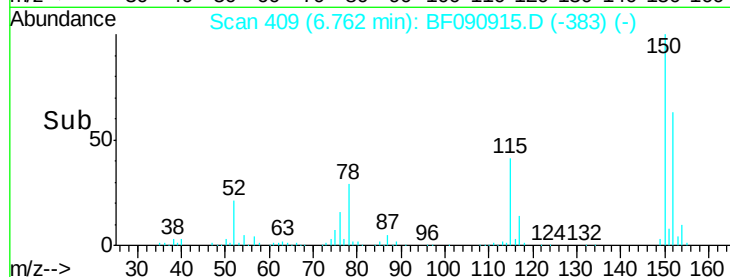
115 64.6 39.0 58.4#



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: 137.03 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090915.D

Acq: 28 Oct 2016 18:28

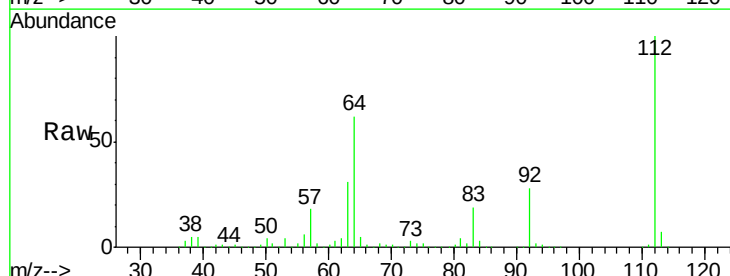
Tgt Ion:112 Resp: 1094070

Ion Ratio Lower Upper

112 100

64 62.1 39.7 59.5#

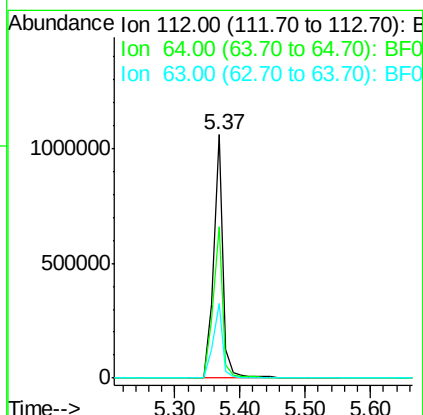
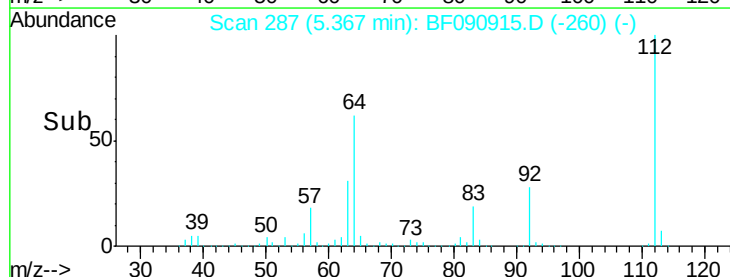
63 30.6 17.4 26.0#

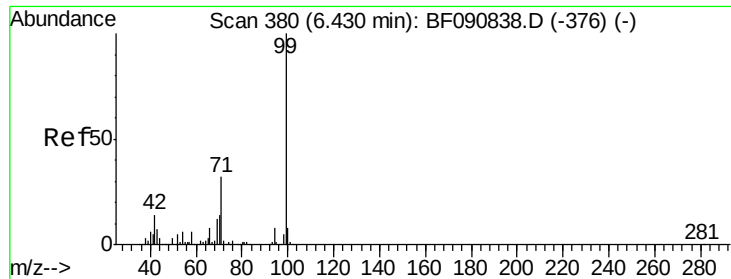


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.77 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF090915.D

Acq: 28 Oct 2016 18:28

Instrument :

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SB-9COMP(0-16FEET)

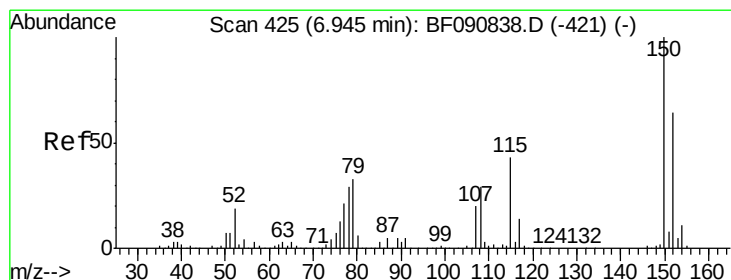
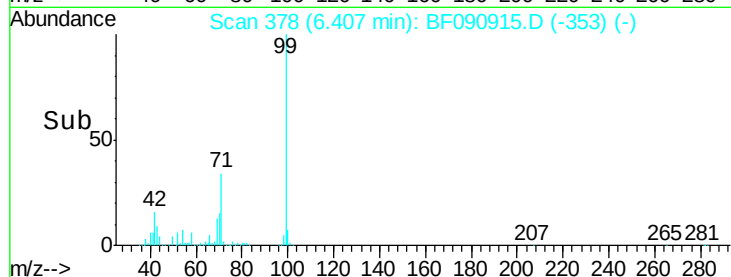
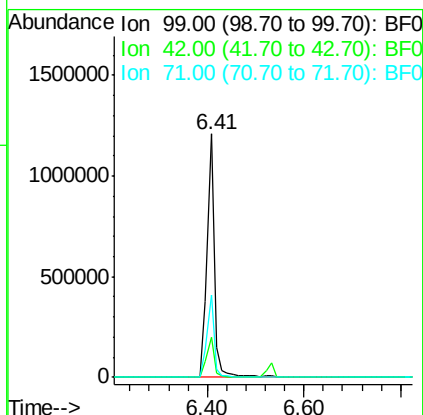
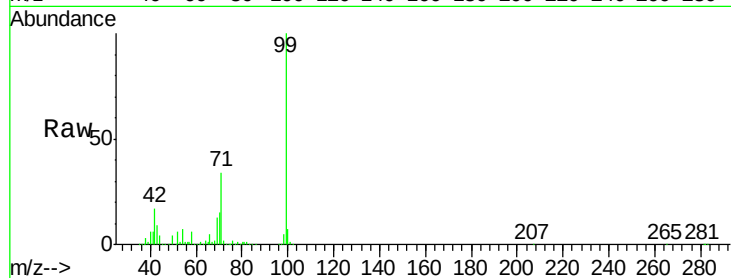
Tgt Ion: 99 Resp: 1290026

Ion Ratio Lower Upper

99 100

42 16.5 13.7 20.5

71 33.9 14.2 21.2#



#15

Benzyl Alcohol

Concen: 2.35 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF090915.D

Acq: 28 Oct 2016 18:28

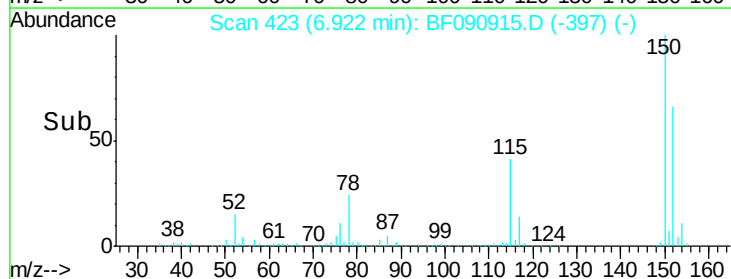
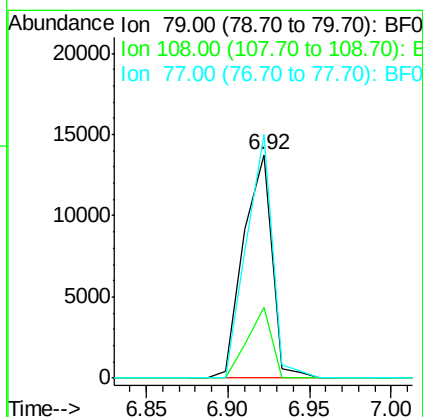
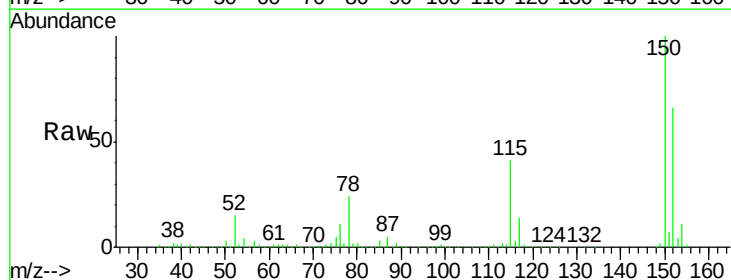
Tgt Ion: 79 Resp: 16629

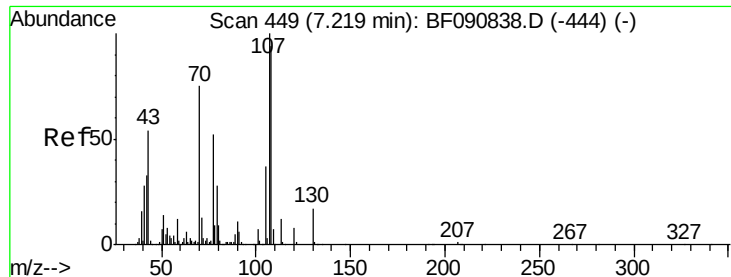
Ion Ratio Lower Upper

79 100

108 31.5 88.6 132.8#

77 108.9 47.0 70.4#

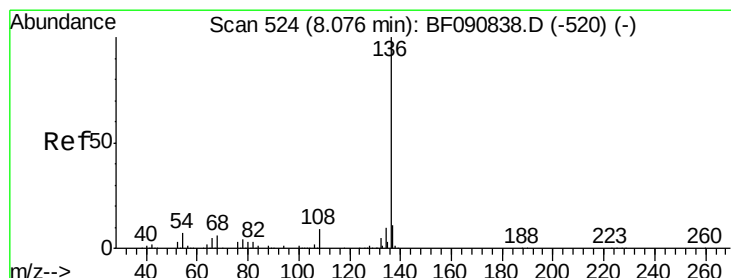
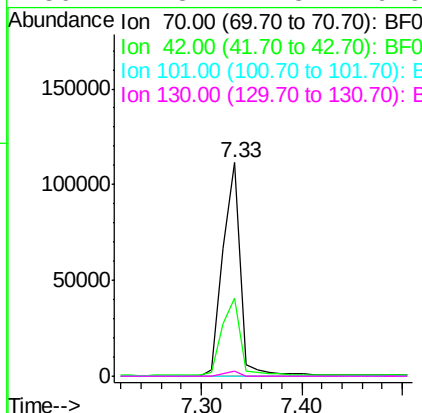
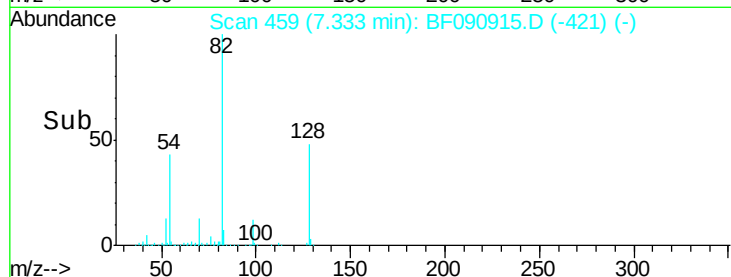
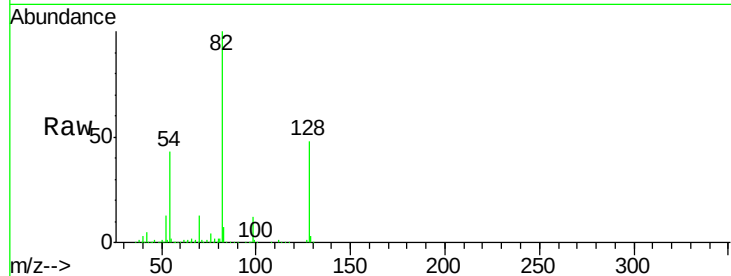




#19
n-Nitroso-di-n-propylamine
Concen: 21.89 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF090915.D
Acq: 28 Oct 2016 18:28

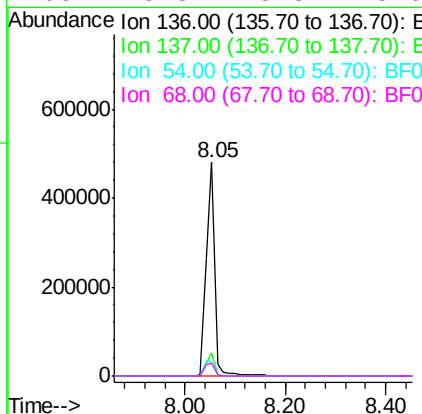
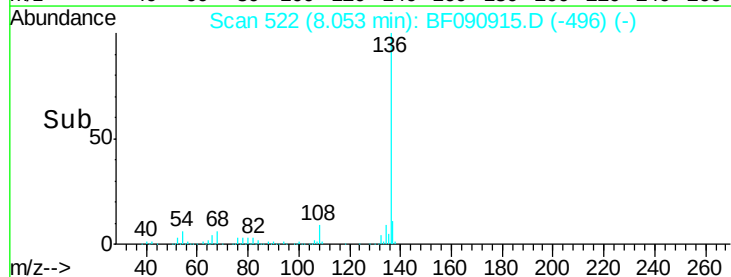
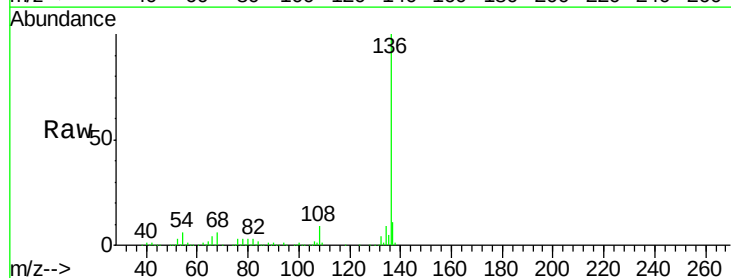
Instrument :
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SB-9COMP(0-16FEET)

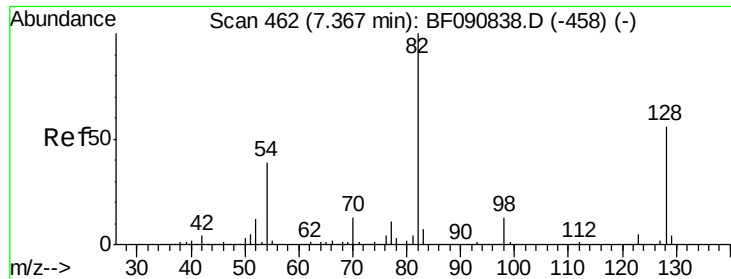
Tgt Ion: 70 Resp: 136306
Ion Ratio Lower Upper
70 100
42 36.5 63.8 95.6#
101 0.0 9.2 13.8#
130 2.3 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF090915.D
Acq: 28 Oct 2016 18:28

Tgt Ion: 136 Resp: 561412
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 6.4 8.2 12.2#
68 5.8 5.8 8.6

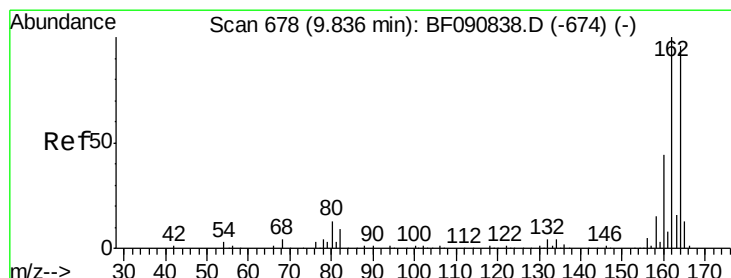
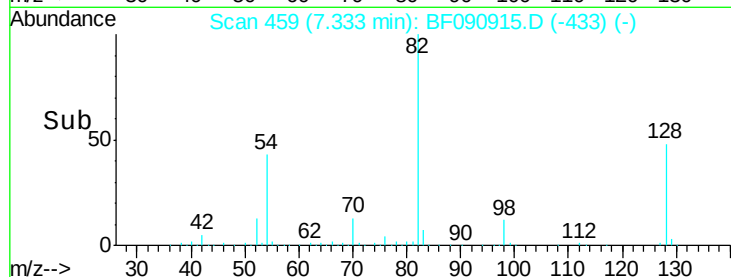
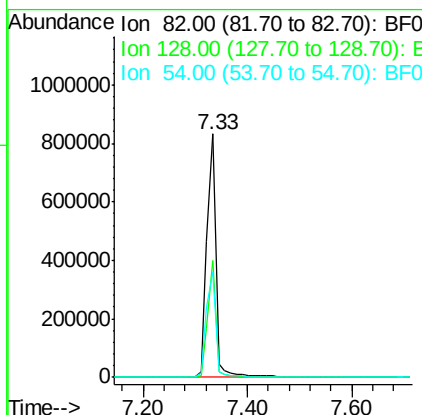
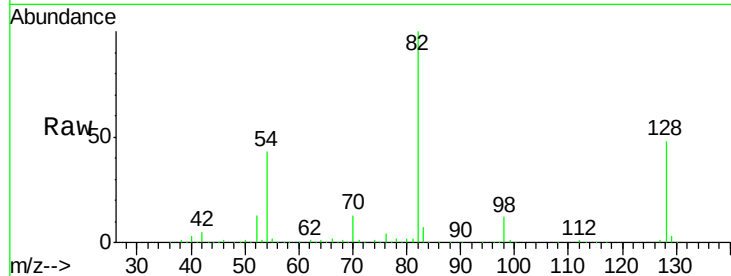




#23
 Nitrobenzene-d5
 Concen: 118.03 ng
 RT: 7.33 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF090915.D
 Acq: 28 Oct 2016 18:28

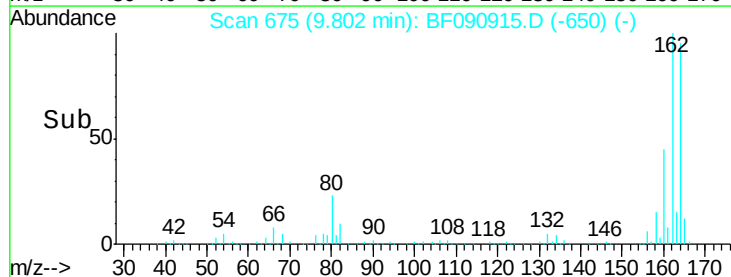
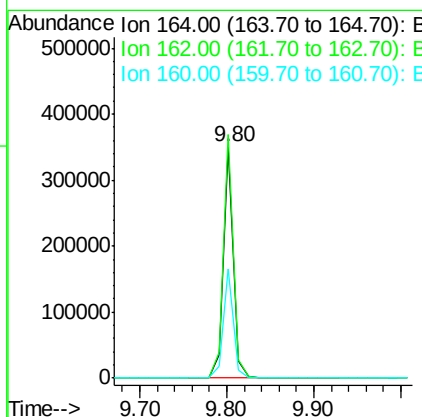
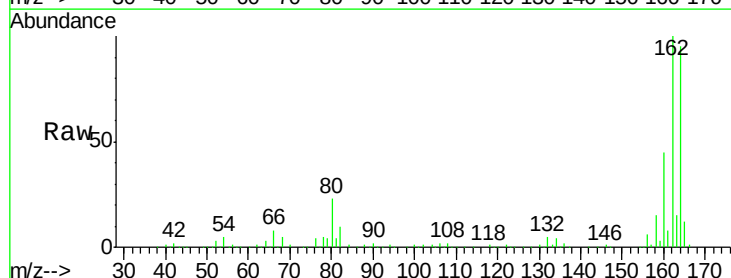
Instrument :
 BNA_F
 ClientSampleId :
 SB-9COMP(0-16FEET)

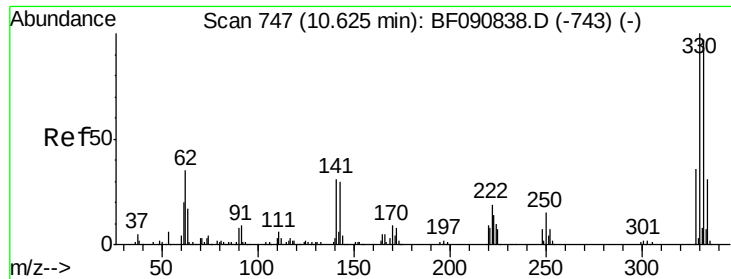
Tgt Ion: 82 Resp: 1012196
 Ion Ratio Lower Upper
 82 100
 128 47.9 51.0 76.6#
 54 43.4 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF090915.D
 Acq: 28 Oct 2016 18:28

Tgt Ion: 164 Resp: 287839
 Ion Ratio Lower Upper
 164 100
 162 105.5 75.2 112.8
 160 47.1 31.5 47.3

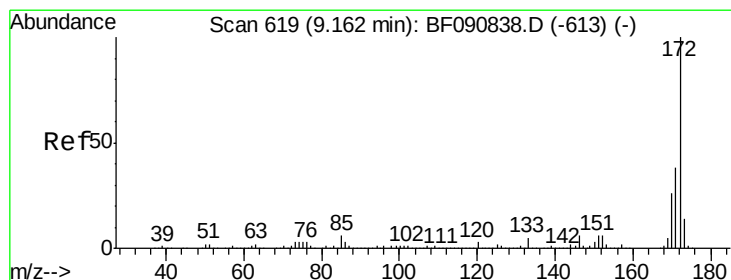
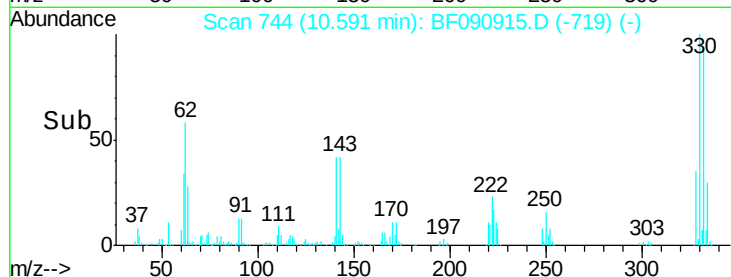
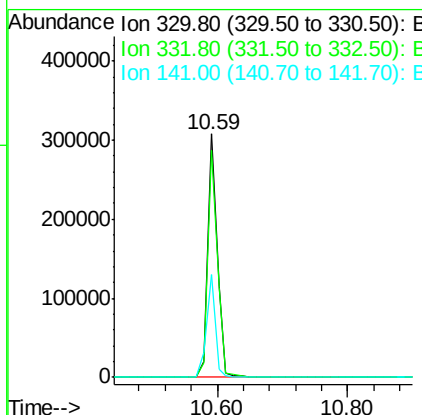
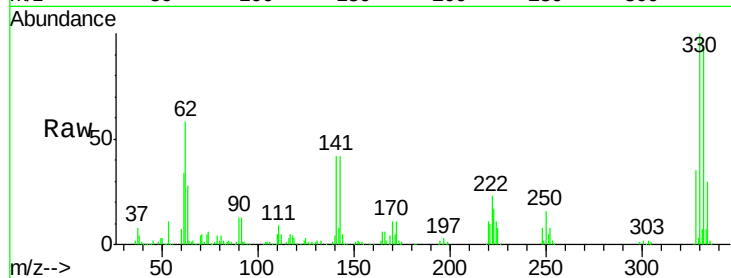




#41
 2,4,6-Tribromophenol
 Concen: 106.85 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090915.D
 Acq: 28 Oct 2016 18:28

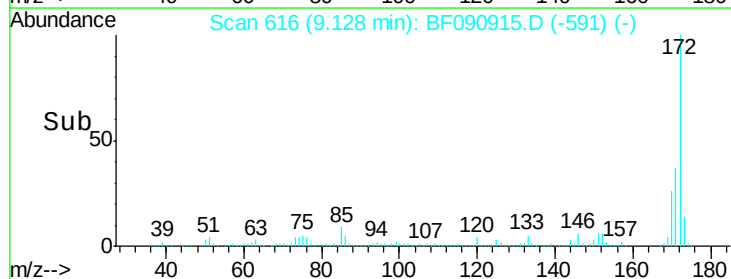
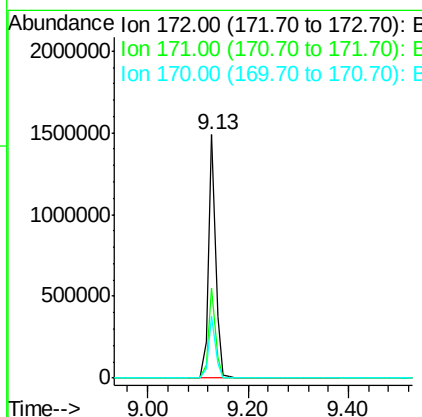
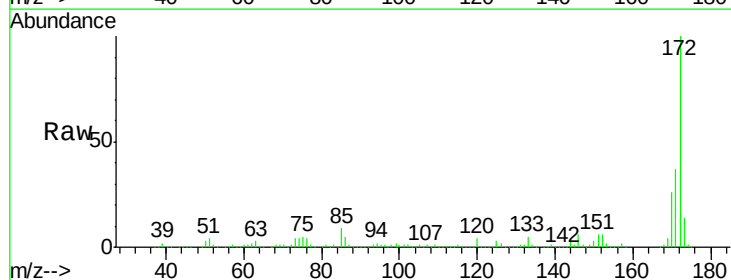
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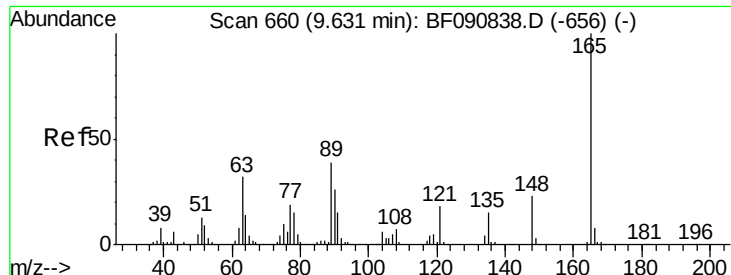
Tgt Ion:330 Resp: 316079
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 38.6 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 90.21 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF090915.D
 Acq: 28 Oct 2016 18:28

Tgt Ion:172 Resp: 1478709
 Ion Ratio Lower Upper
 172 100
 171 37.2 26.1 39.1
 170 25.5 17.4 26.2

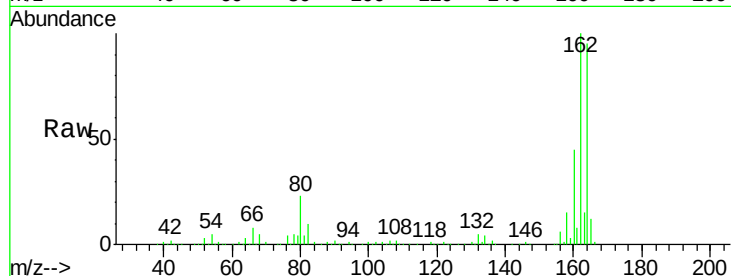




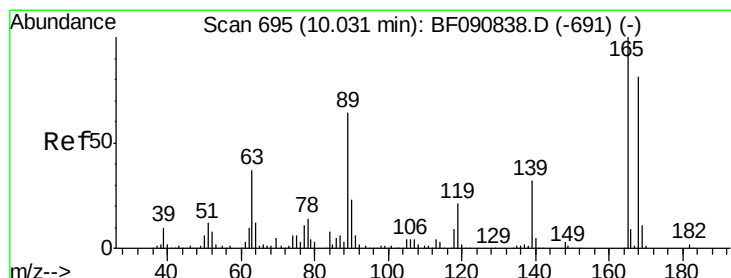
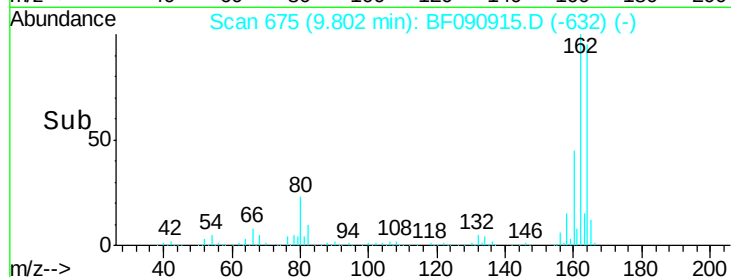
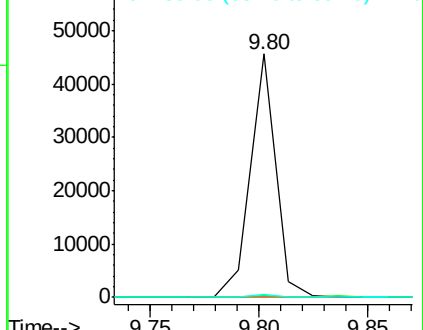
#50
 2,6-Dinitrotoluene
 Concen: 8.75 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF090915.D
 Acq: 28 Oct 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-9COMP(0-16FEET)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	32.3	48.5#
89	1.1	28.6	43.0#



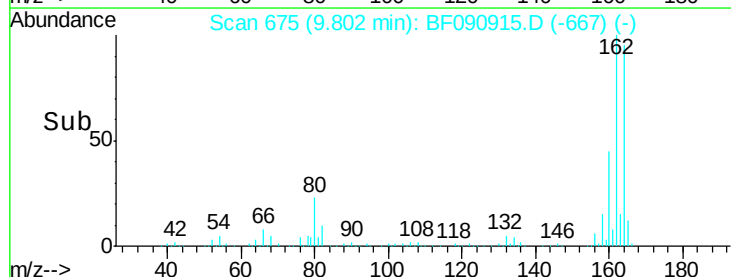
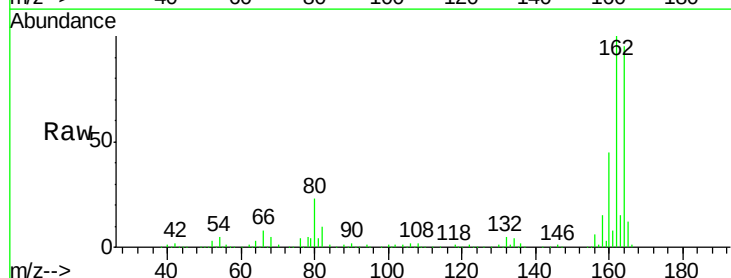
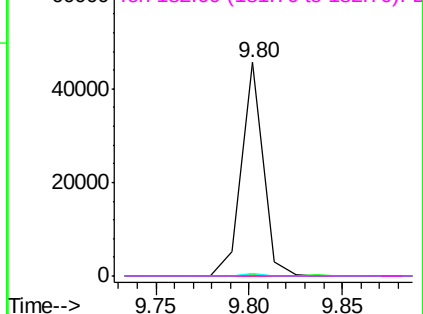
Abundance Ion 165.00 (164.70 to 165.70): E

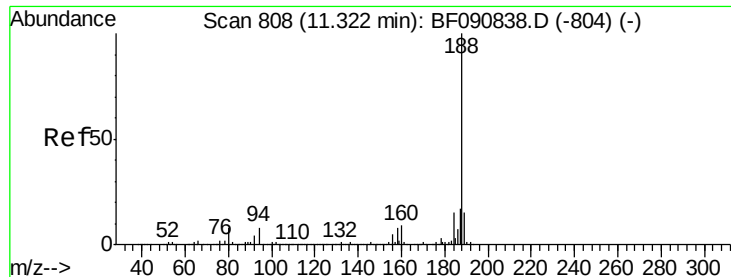


#56
 2,4-Dinitrotoluene
 Concen: 7.05 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.21 min
 Lab File: BF090915.D
 Acq: 28 Oct 2016 18:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.8	44.6#
89	1.1	44.5	66.7#
182	0.0	3.0	4.4#

Abundance Ion 165.00 (164.70 to 165.70): E

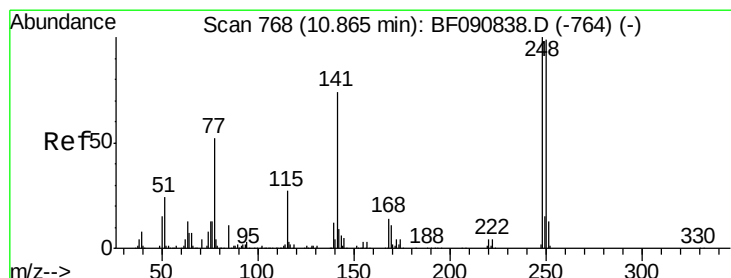
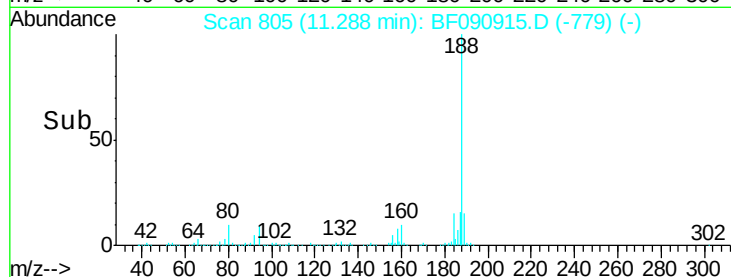
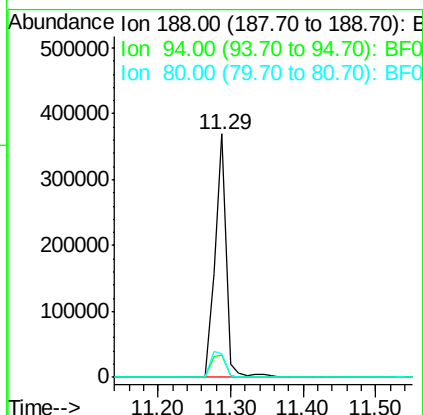
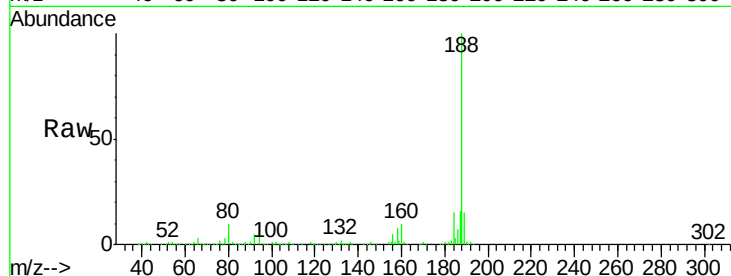




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF090915.D
Acq: 28 Oct 2016 18:28

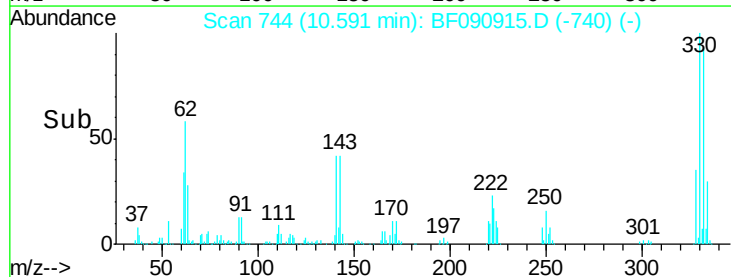
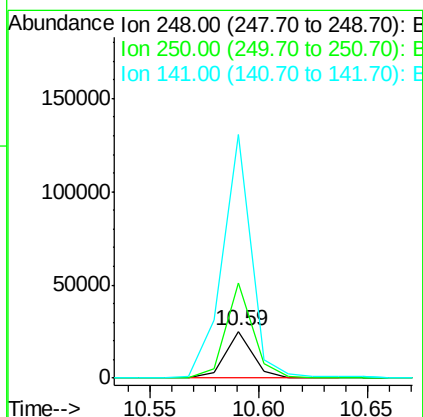
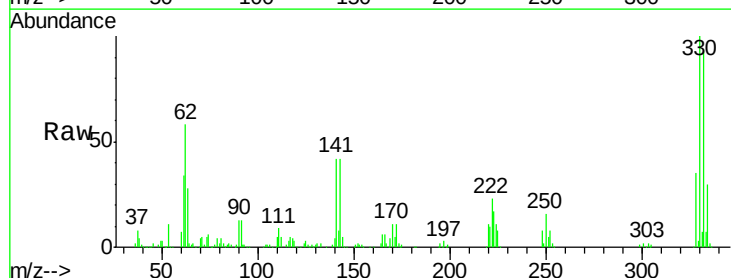
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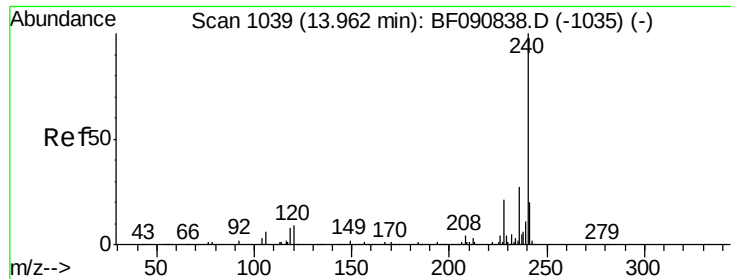
Tgt Ion:188 Resp: 394691
Ion Ratio Lower Upper
188 100
94 9.2 11.1 16.7#
80 9.8 11.0 16.4#



#66
4-Bromophenyl-phenylether
Concen: 5.05 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF090915.D
Acq: 28 Oct 2016 18:28

Tgt Ion:248 Resp: 21838
Ion Ratio Lower Upper
248 100
250 202.1 78.5 117.7#
141 520.4 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF090915.D

Acq: 28 Oct 2016 18:28

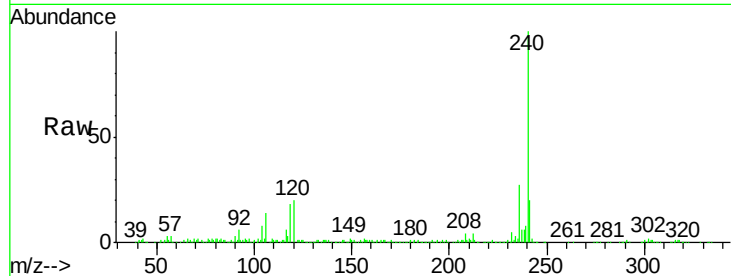
Instrument :

BNA_F

ClientSampleId :

SB-9COMP(0-16FEET)

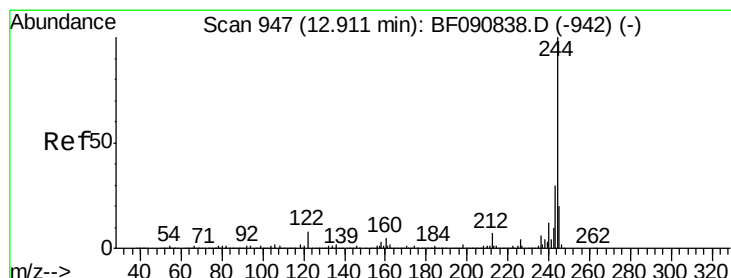
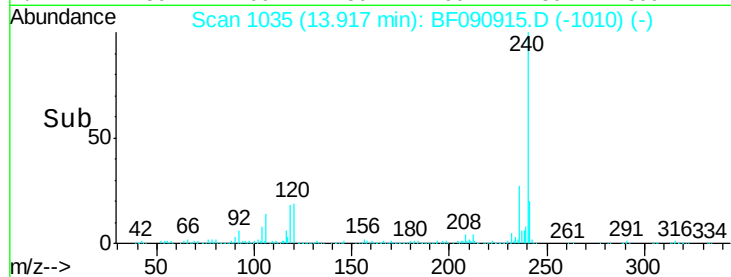
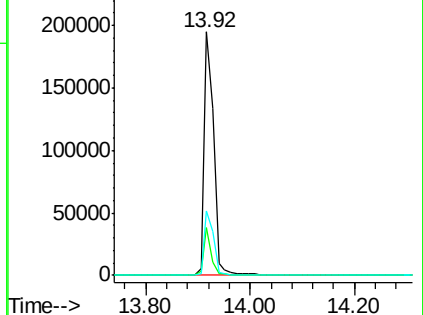
Tgt Ion:	240	Resp:	248716
Ion	Ratio	Lower	Upper
240	100		
120	19.7	16.2	24.2
236	26.6	18.4	27.6



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: 127.95 ng

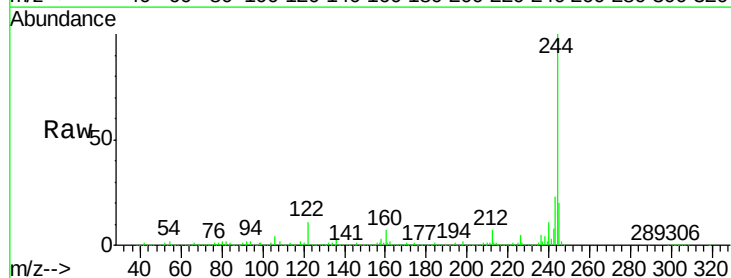
RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF090915.D

Acq: 28 Oct 2016 18:28

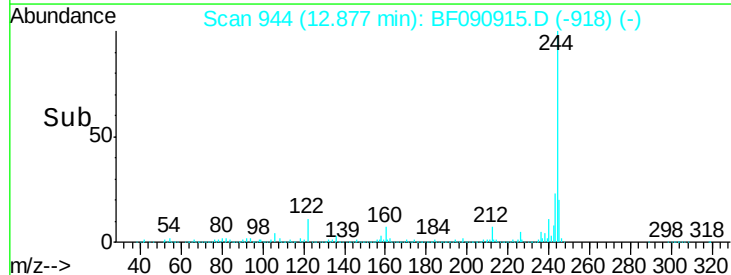
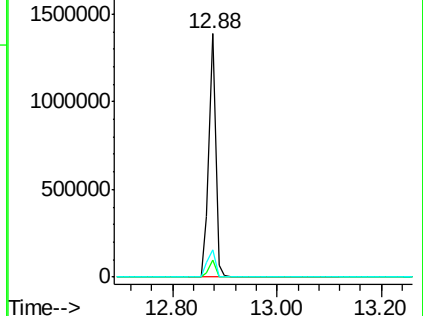
Tgt Ion:	244	Resp:	1263137
Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.3	6.5#
122	11.4	17.4	26.2#

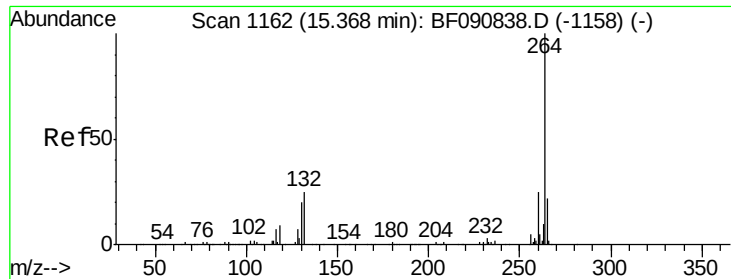


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF090915.D
Acq: 28 Oct 2016 18:28

Instrument :
BNA_F
ClientSampleId :
SB-9COMP(0-16FEET)

Tgt Ion: 264 Resp: 270707
Ion Ratio Lower Upper
264 100
260 24.9 16.7 25.1
265 20.9 17.2 25.8

