

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102616\
 Data File : BF090845.D
 Acq On : 26 Oct 2016 17:10
 Operator : UM/SJ
 Sample : PB94297BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94297BL

Quant Time: Oct 27 01:19:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

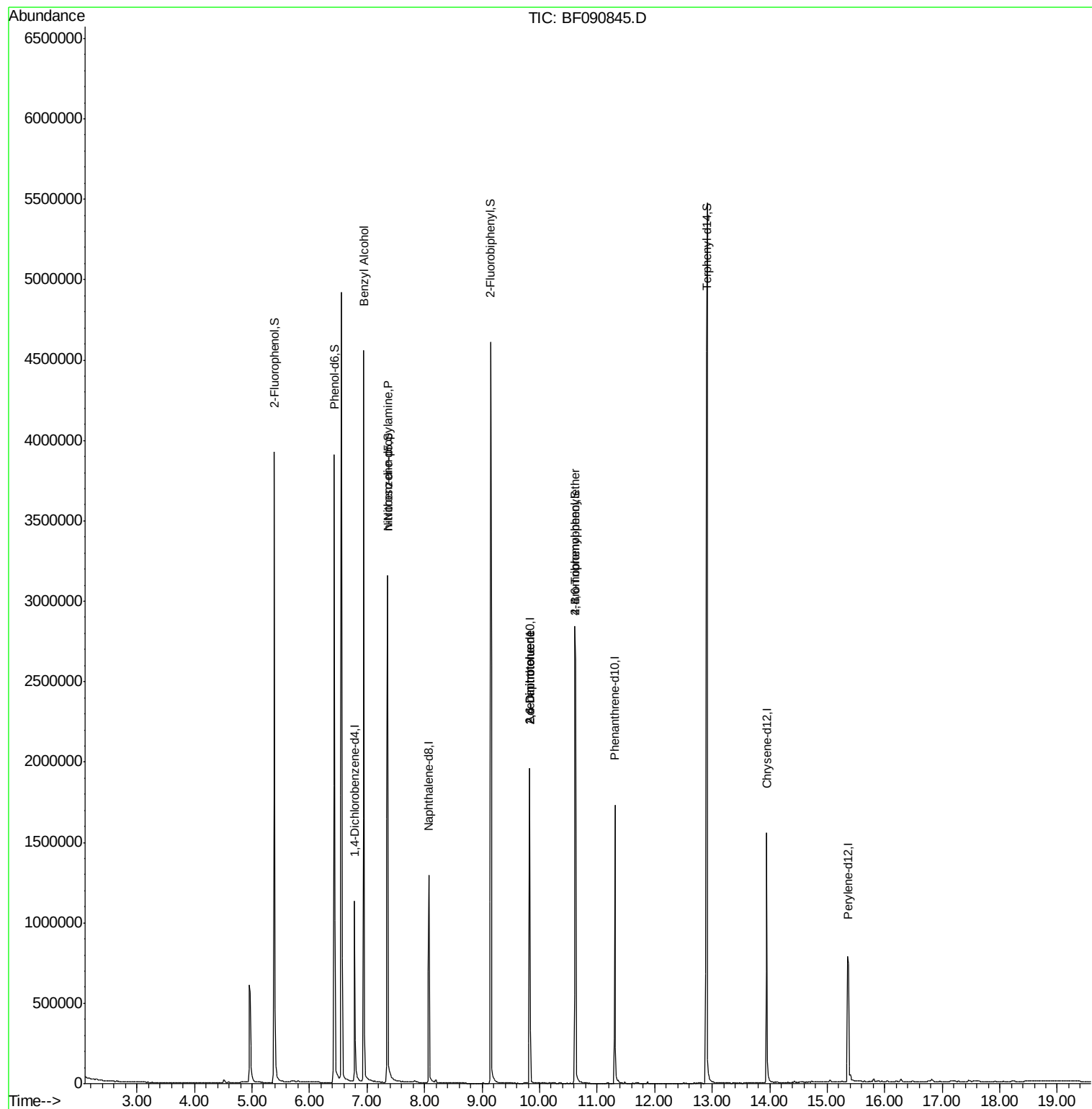
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	184642	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	759310	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	407721	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	688504	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	624044	20.00	ng	-0.01
86) Perylene-d12	15.37	264	463283	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1379454	130.62	ng	0.00
7) Phenol-d6	6.43	99	1933434	135.70	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1392451	120.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	650652	155.29	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	2168429	93.39	ng	-0.02
78) Terphenyl-d14	12.91	244	2696870	108.88	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.94	79	23082	2.47	ng	# 31
19) n-Nitroso-di-n-propylamine	7.36	70	192182	23.33	ng	# 52
50) 2,6-Dinitrotoluene	9.82	165	53223	8.85	ng	# 39
56) 2,4-Dinitrotoluene	9.82	165	53229	7.12	ng	# 33
66) 4-Bromophenyl-phenylether	10.62	248	41883	5.56	ng	# 1

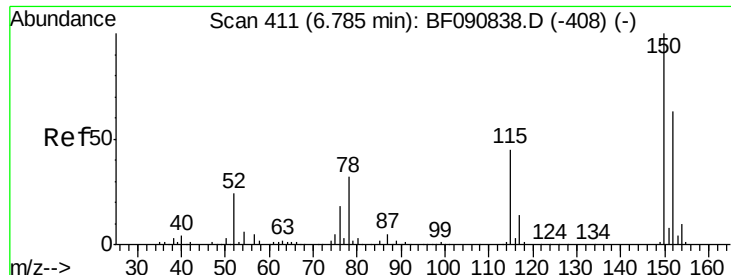
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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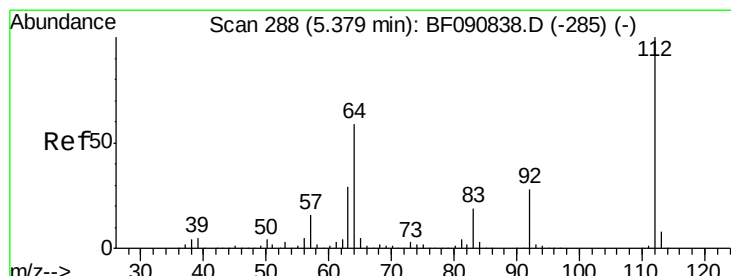
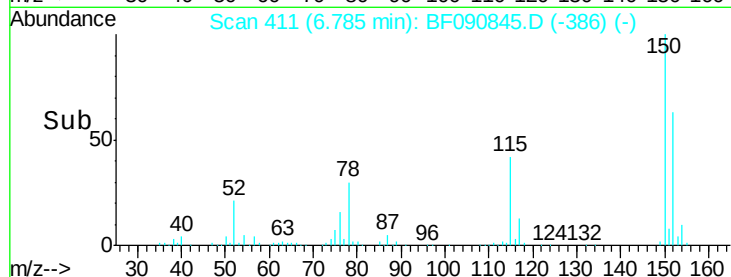
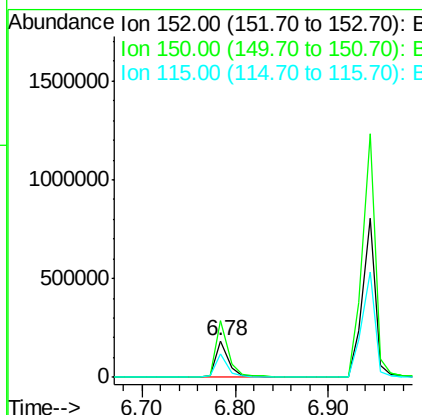
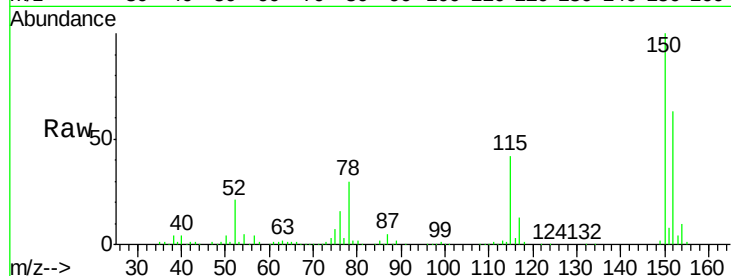




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BF090845.D
 Acq: 26 Oct 2016 17:10

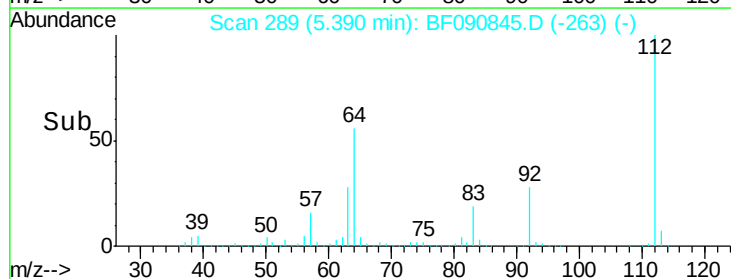
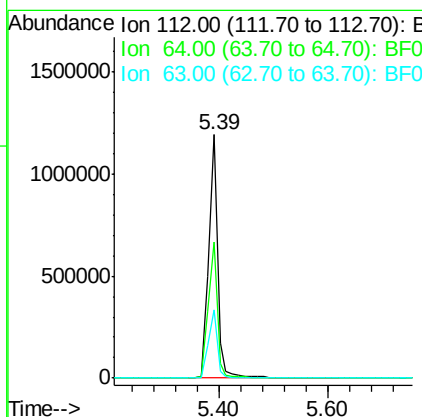
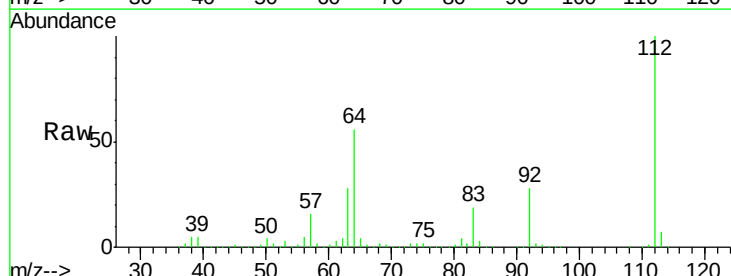
Instrument :
 BNA_F
 ClientSampleId :
 PB94297BL

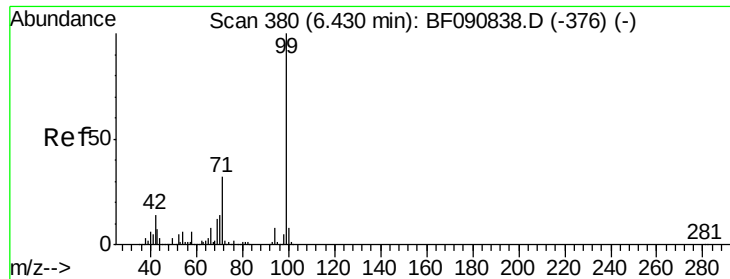
Tgt Ion:152 Resp: 184642
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.7 187.1
 115 66.2 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 130.62 ng
 RT: 5.39 min Scan# 289
 Delta R.T. 0.00 min
 Lab File: BF090845.D
 Acq: 26 Oct 2016 17:10

Tgt Ion:112 Resp: 1379454
 Ion Ratio Lower Upper
 112 100
 64 56.1 39.7 59.5
 63 28.3 17.4 26.0#





#7

Phenol-d6

Concen: 135.70 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF090845.D

Acq: 26 Oct 2016 17:10

Instrument :

BNA_F

ClientSampleId :

PB94297BL

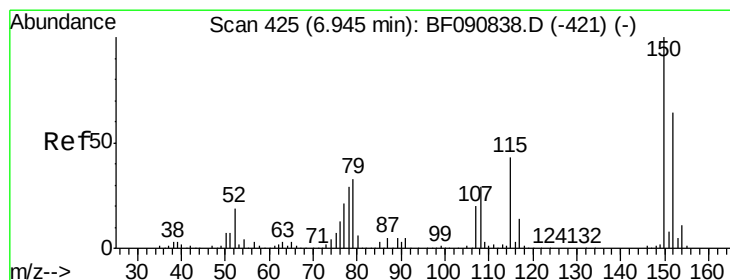
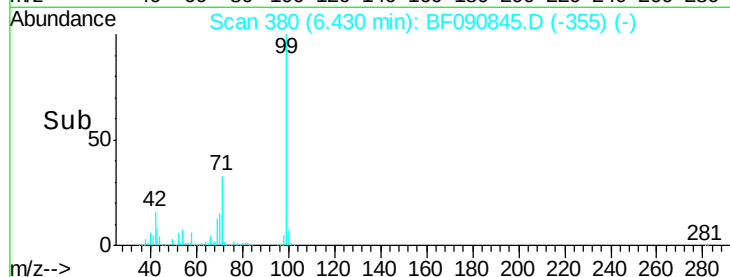
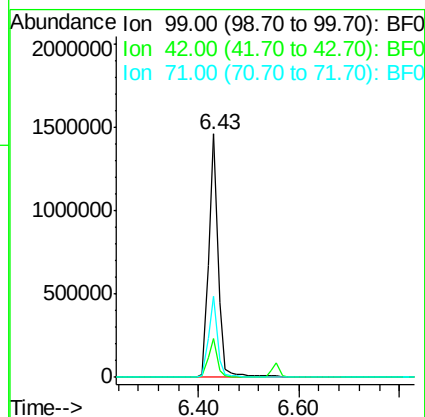
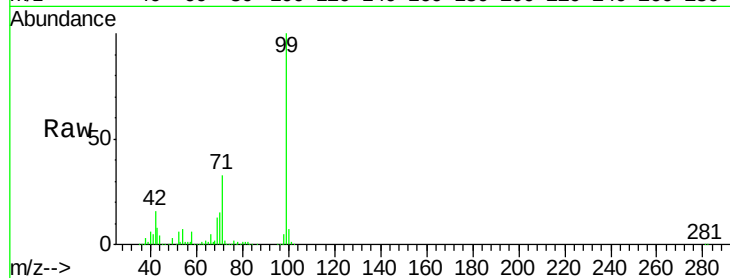
Tgt Ion: 99 Resp: 1933434

Ion Ratio Lower Upper

99 100

42 16.1 13.7 20.5

71 33.3 14.2 21.2#



#15

Benzyl Alcohol

Concen: 2.47 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF090845.D

Acq: 26 Oct 2016 17:10

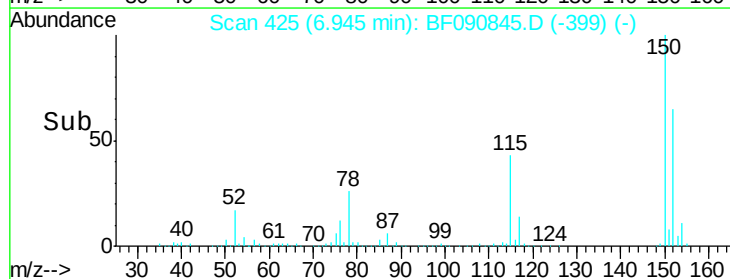
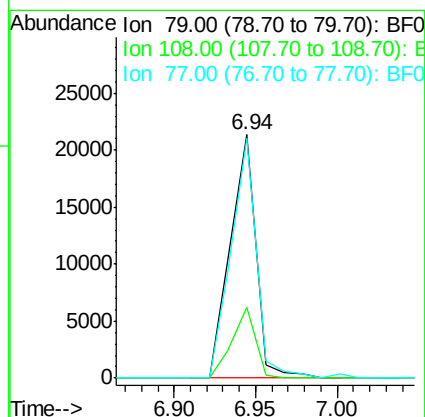
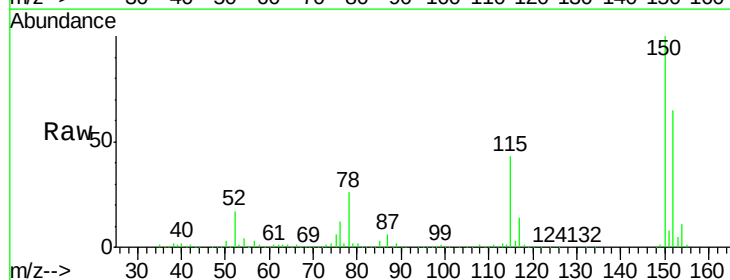
Tgt Ion: 79 Resp: 23082

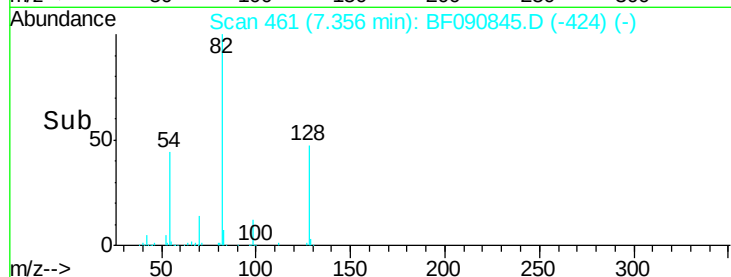
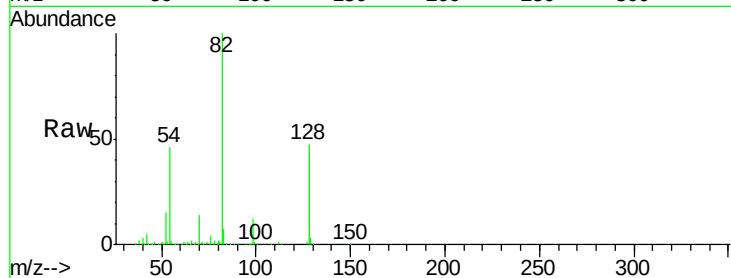
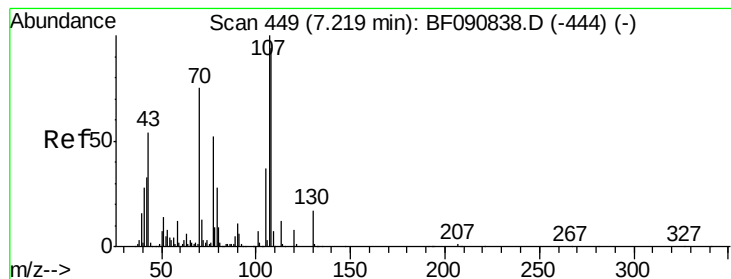
Ion Ratio Lower Upper

79 100

108 29.1 88.6 132.8#

77 98.5 47.0 70.4#





#19

n-Nitroso-di-n-propylamine

Concen: 23.33 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.13 min

Lab File: BF090845.D

Acq: 26 Oct 2016 17:10

Instrument :

BNA_F

ClientSampleId :

PB94297BL

Tgt Ion: 70 Resp: 192182

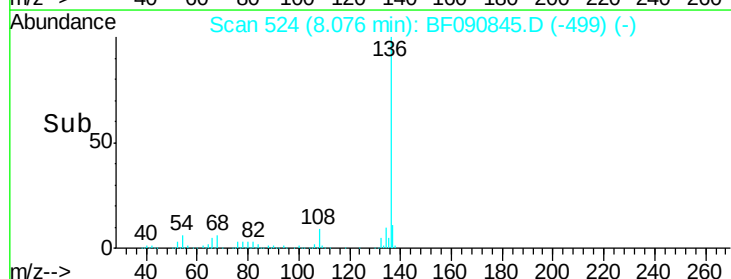
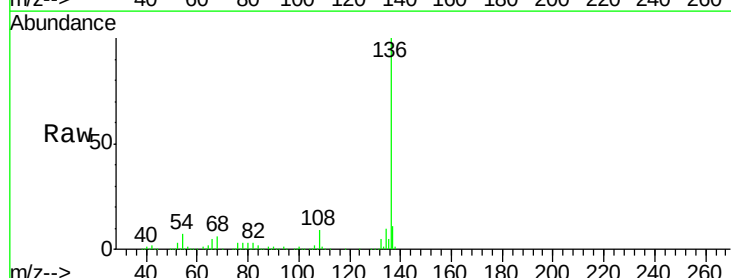
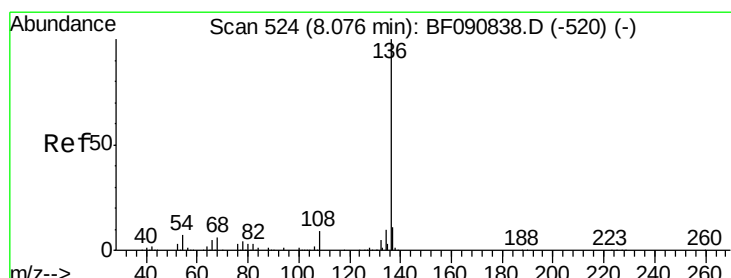
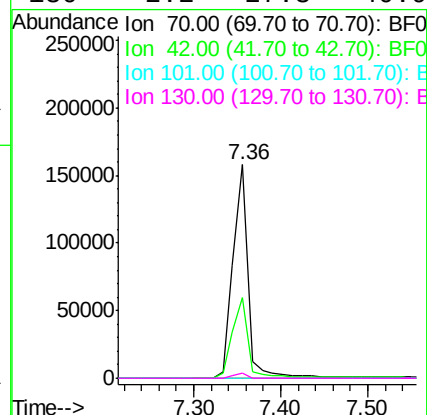
Ion Ratio Lower Upper

70 100

42 37.6 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF090845.D

Acq: 26 Oct 2016 17:10

Tgt Ion: 136 Resp: 759310

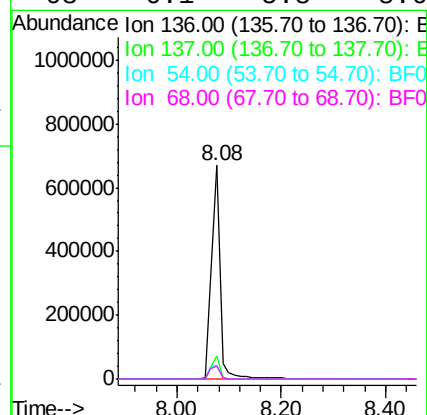
Ion Ratio Lower Upper

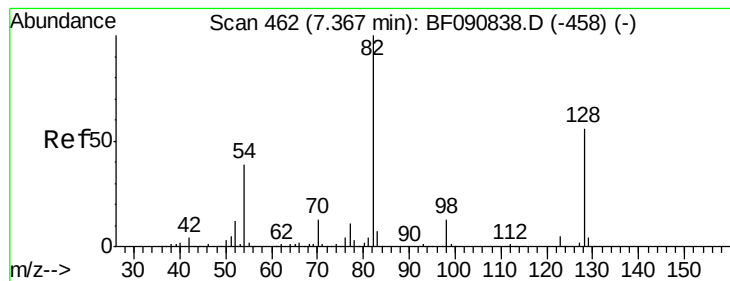
136 100

137 11.0 9.0 13.6

54 6.5 8.2 12.2#

68 6.1 5.8 8.6





#23

Nitrobenzene-d5

Concen: 120.05 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF090845.D

Acq: 26 Oct 2016 17:10

Instrument :

BNA_F

ClientSampleId :

PB94297BL

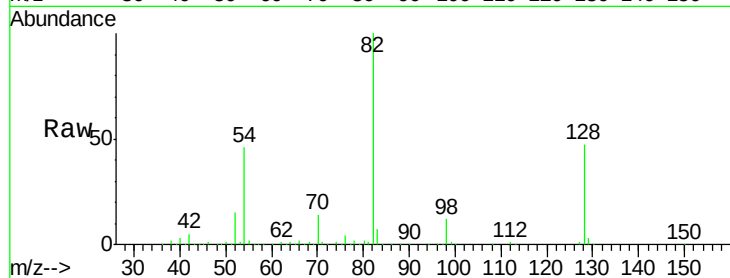
Tgt Ion: 82 Resp: 1392451

Ion Ratio Lower Upper

82 100

128 47.0 51.0 76.6#

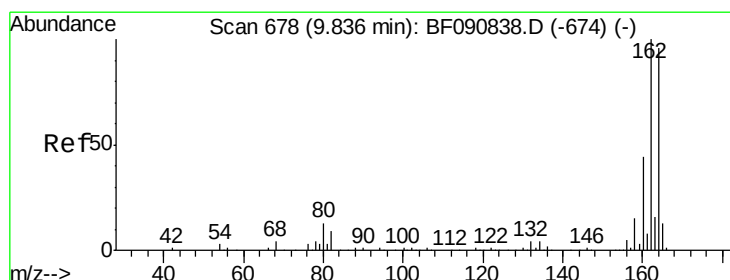
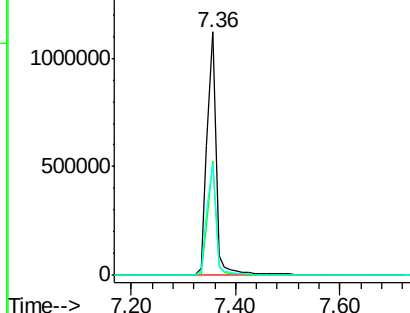
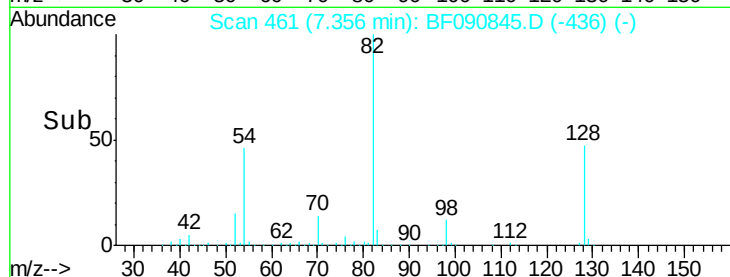
54 46.1 47.5 71.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF090845.D

Acq: 26 Oct 2016 17:10

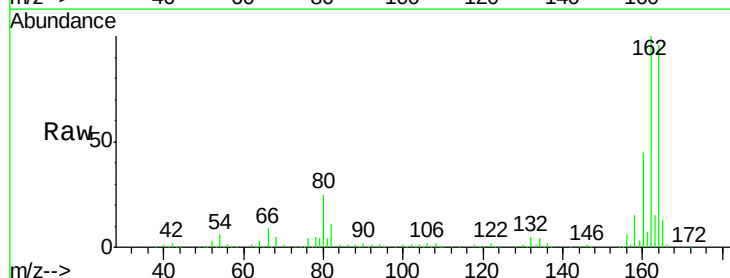
Tgt Ion: 164 Resp: 407721

Ion Ratio Lower Upper

164 100

162 104.1 75.2 112.8

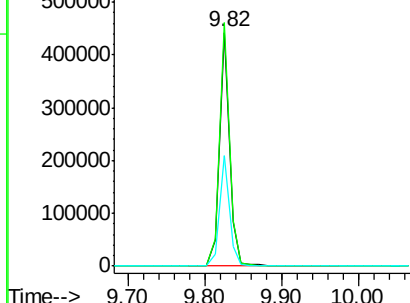
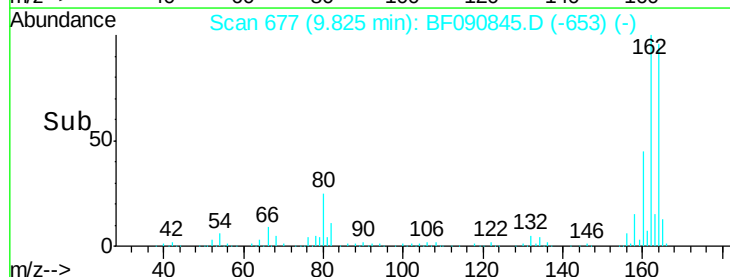
160 47.2 31.5 47.3

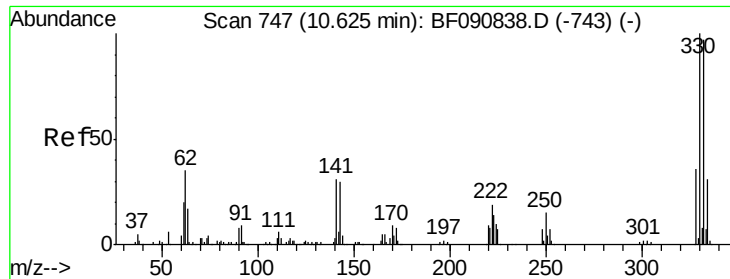


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

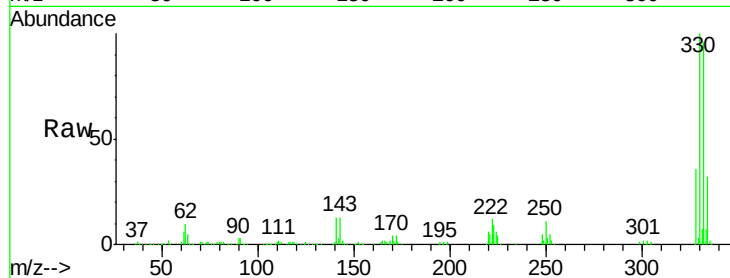




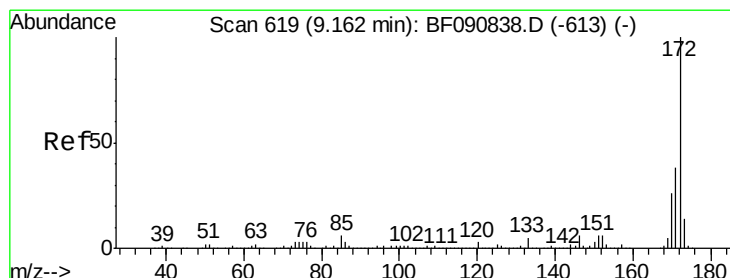
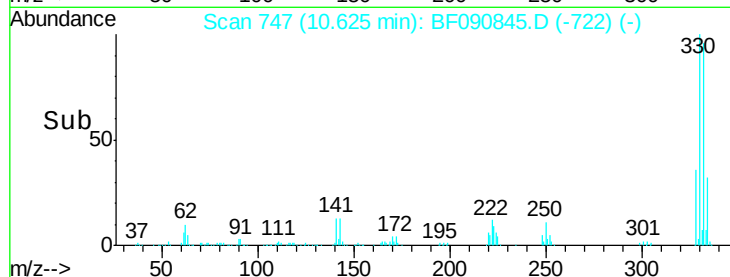
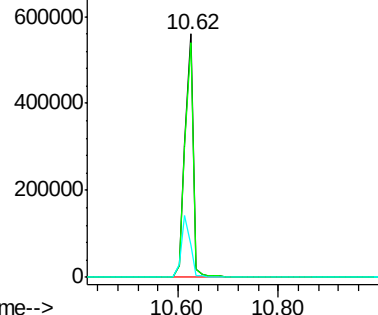
#41
 2,4,6-Tribromophenol
 Concen: 155.29 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF090845.D
 Acq: 26 Oct 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
 PB94297BL

Tgt Ion:330 Resp: 650652
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 27.9 29.7 44.5#

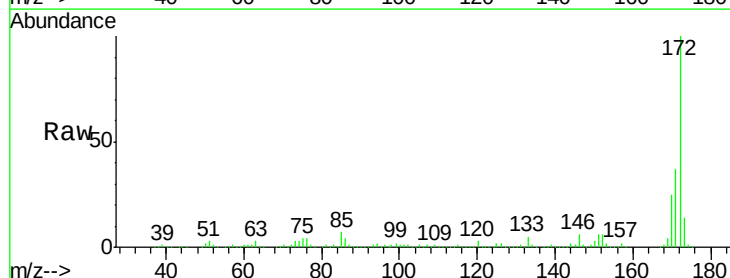


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

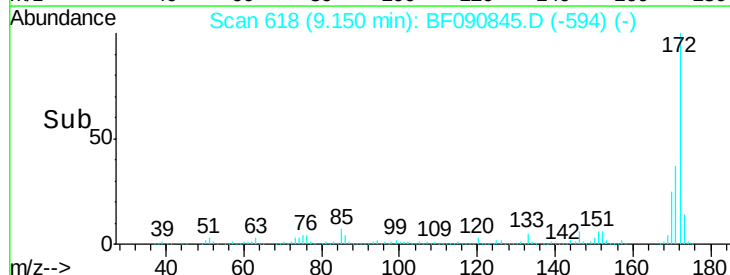
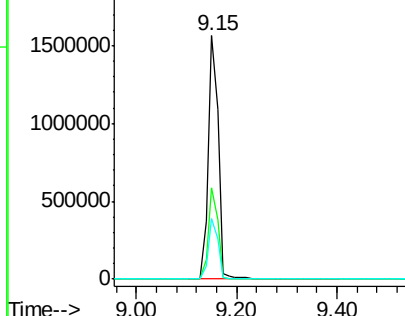


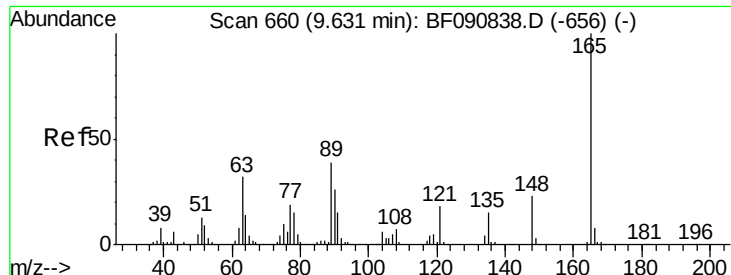
#44
 2-Fluorobiphenyl
 Concen: 93.39 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF090845.D
 Acq: 26 Oct 2016 17:10

Tgt Ion:172 Resp: 2168429
 Ion Ratio Lower Upper
 172 100
 171 37.4 26.1 39.1
 170 25.0 17.4 26.2



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

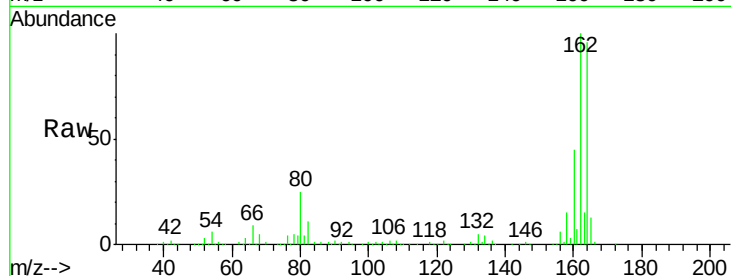




#50
 2,6-Dinitrotoluene
 Concen: 8.85 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.19 min
 Lab File: BF090845.D
 Acq: 26 Oct 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
 PB94297BL

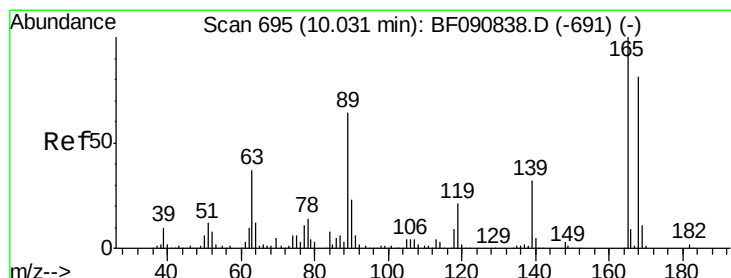
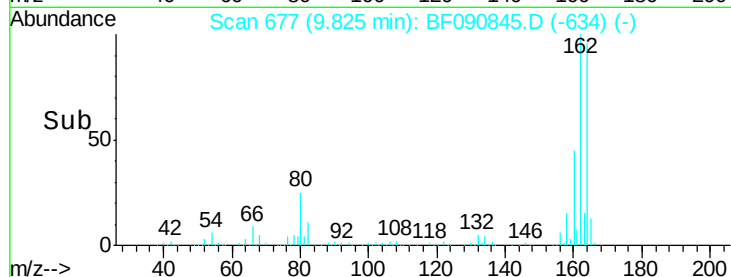
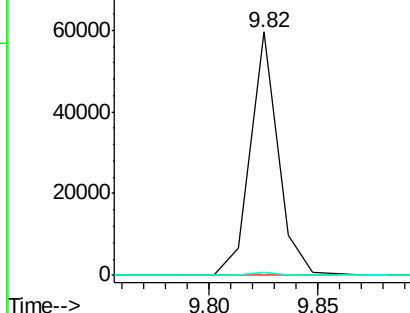
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.3	48.5#
89	1.1	28.6	43.0#



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



#56
 2,4-Dinitrotoluene
 Concen: 7.12 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.22 min
 Lab File: BF090845.D
 Acq: 26 Oct 2016 17:10

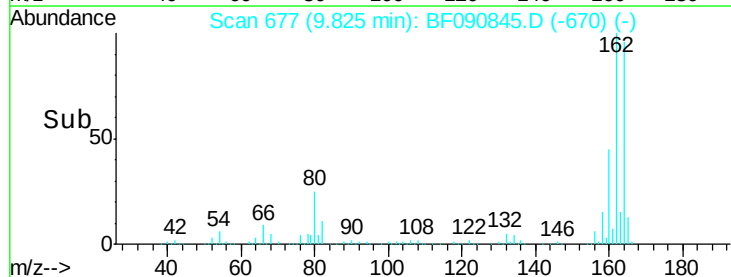
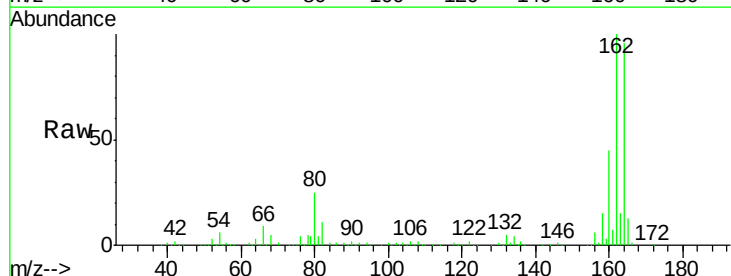
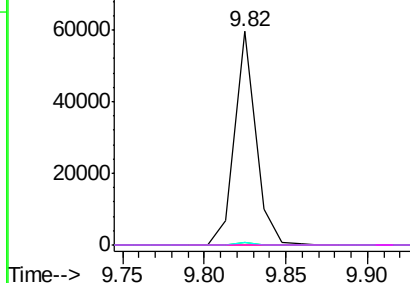
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.6#
89	1.1	44.5	66.7#
182	0.0	3.0	4.4#

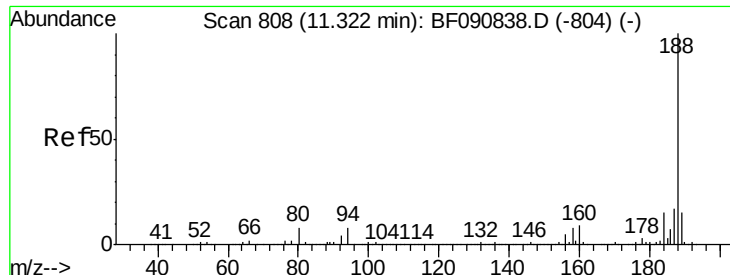
Abundance Ion 165.00 (164.70 to 165.70): E

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

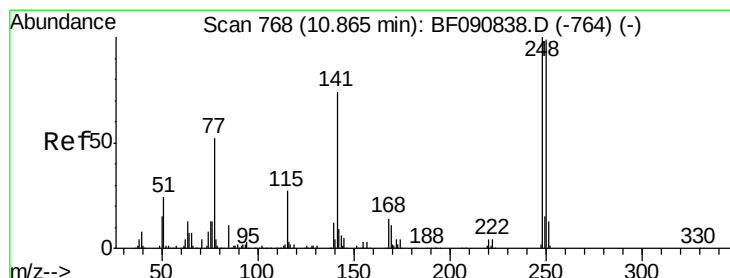
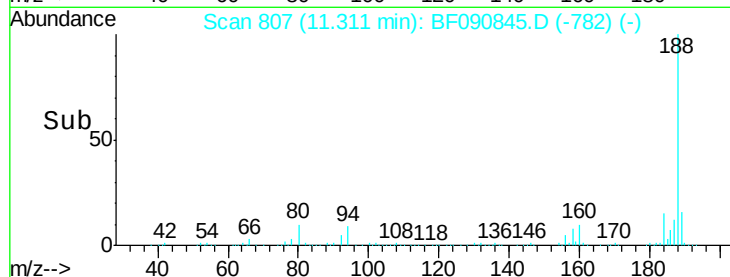
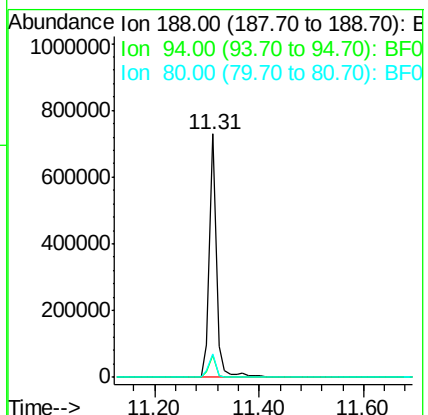
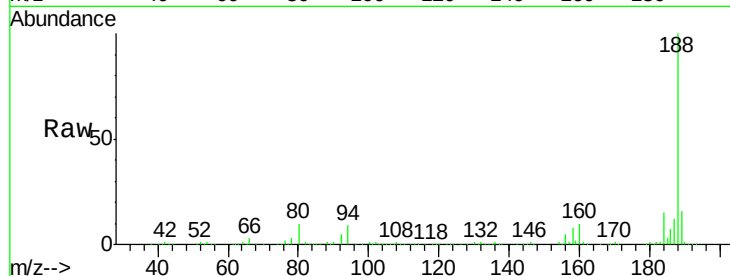




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF090845.D
Acq: 26 Oct 2016 17:10

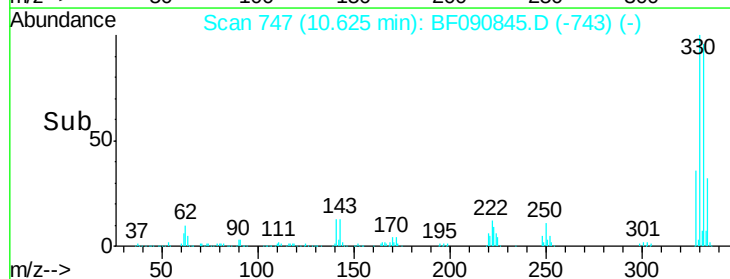
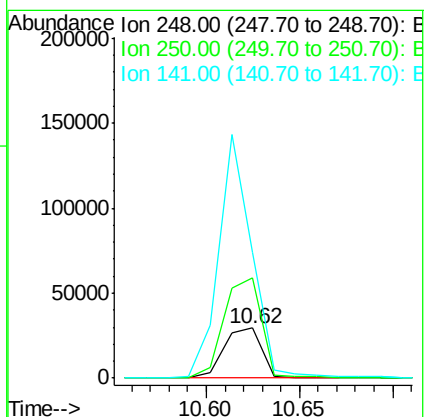
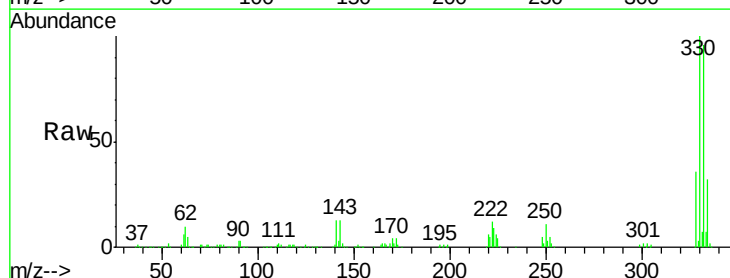
Instrument :
BNA_F
ClientSampleId :
PB94297BL

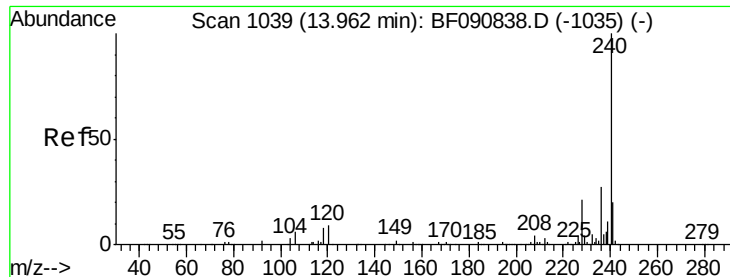
Tgt Ion:188 Resp: 688504
Ion Ratio Lower Upper
188 100
94 9.2 11.1 16.7#
80 9.7 11.0 16.4#



#66
4-Bromophenyl-phenylether
Concen: 5.56 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.25 min
Lab File: BF090845.D
Acq: 26 Oct 2016 17:10

Tgt Ion:248 Resp: 41883
Ion Ratio Lower Upper
248 100
250 200.7 78.5 117.7#
141 251.5 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF090845.D

Acq: 26 Oct 2016 17:10

Instrument :

BNA_F

ClientSampleId :

PB94297BL

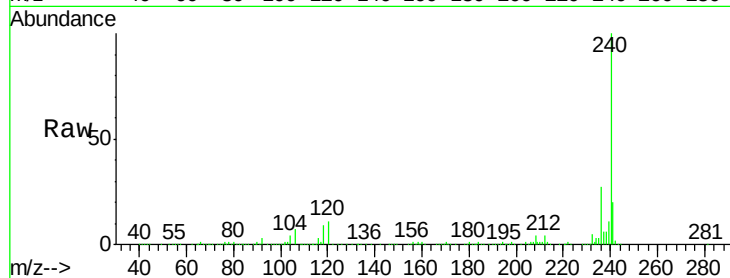
Tgt Ion:240 Resp: 624044

Ion Ratio Lower Upper

240 100

120 10.7 16.2 24.2#

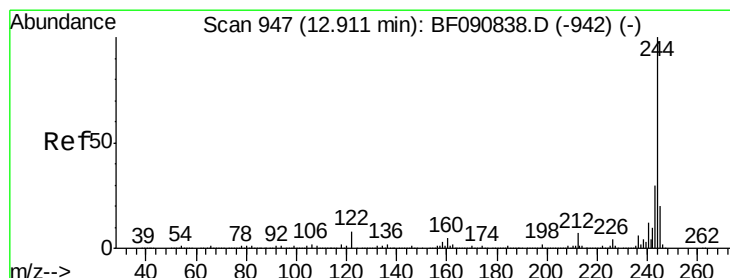
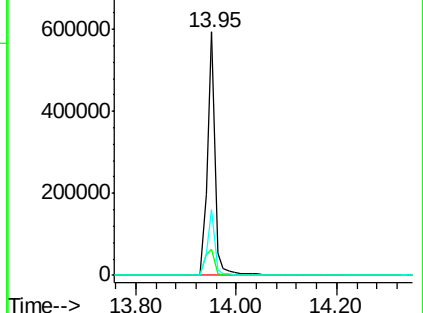
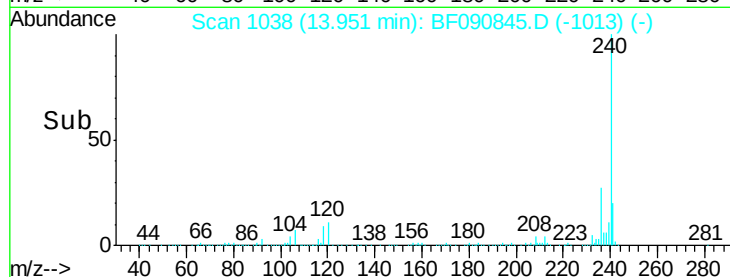
236 27.1 18.4 27.6



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: 108.88 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF090845.D

Acq: 26 Oct 2016 17:10

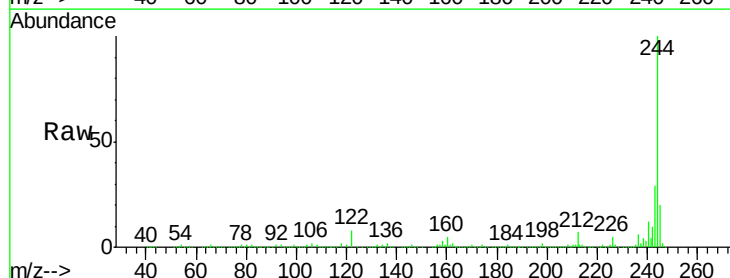
Tgt Ion:244 Resp: 2696870

Ion Ratio Lower Upper

244 100

212 6.8 4.3 6.5#

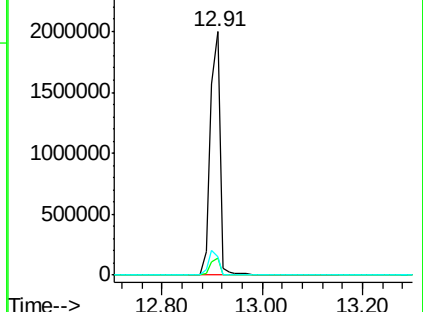
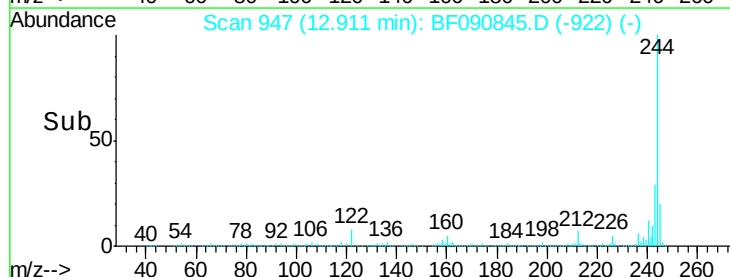
122 7.5 17.4 26.2#

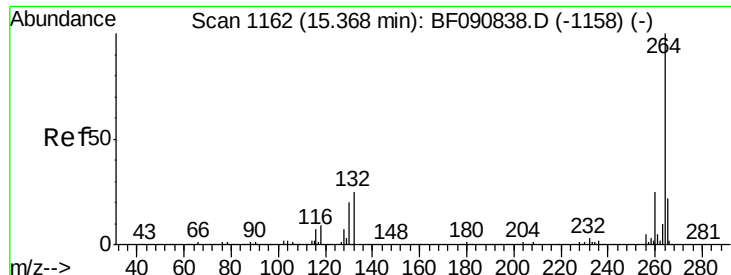


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

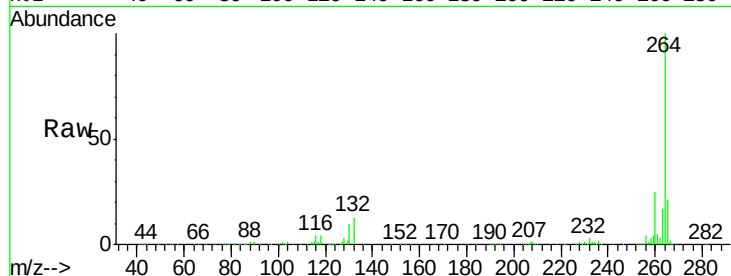




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF090845.D
Acq: 26 Oct 2016 17:10

Instrument :
BNA_F
ClientSampleId :
PB94297BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	16.7	25.1
265	21.3	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

