

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090785.D
 Acq On : 23 Oct 2016 1:37
 Operator : UM/SJ
 Sample : H5363-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TCLP-1

Quant Time: Oct 24 00:58:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

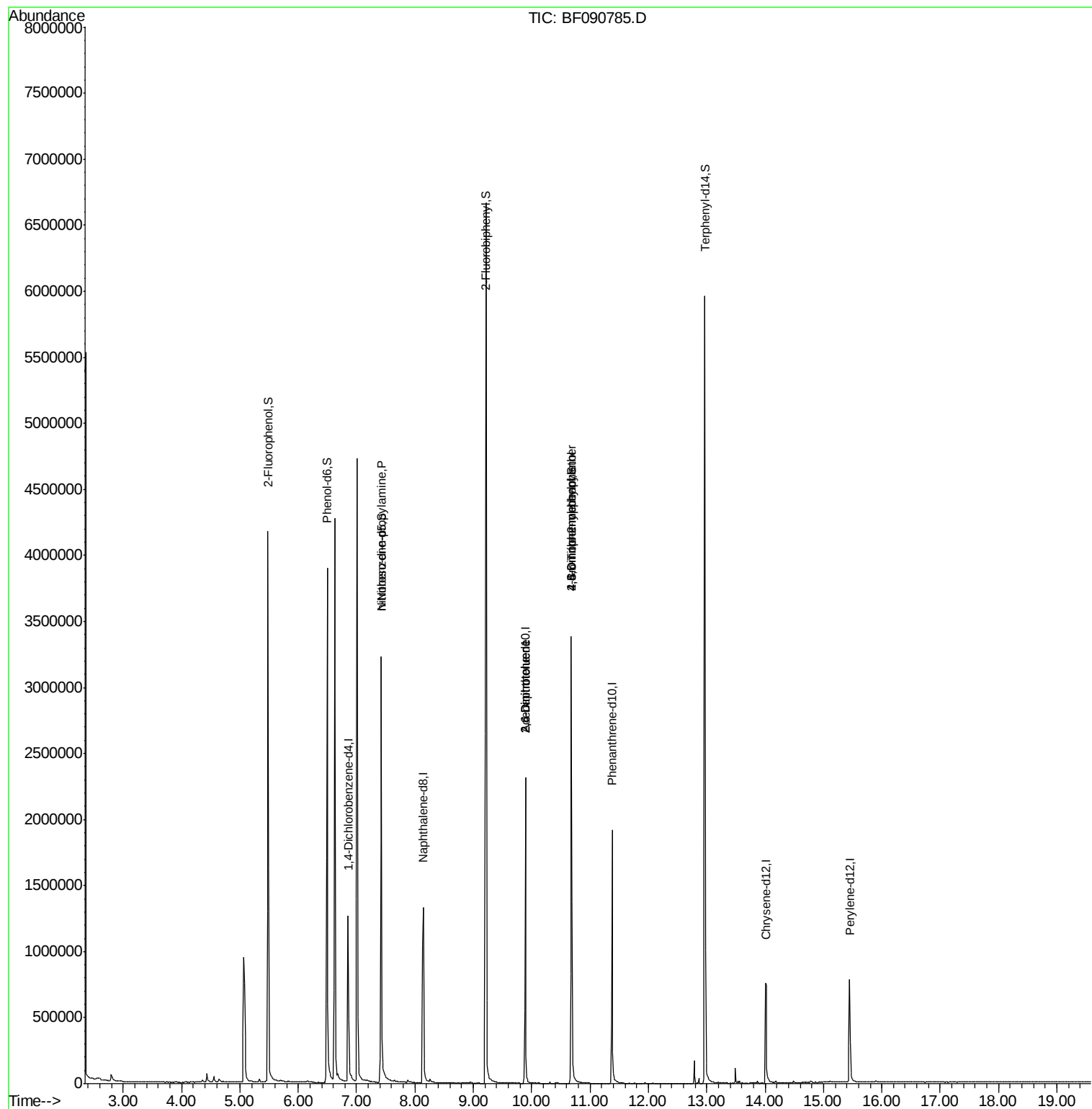
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	243728	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	988460	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	522822	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	801311	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	464683	20.00	ng	0.00
86) Perylene-d12	15.45	264	388226	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1616070	106.93	ng	0.02
7) Phenol-d6	6.50	99	1837840	89.78	ng	0.00
23) Nitrobenzene-d5	7.42	82	1573230	87.29	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	609275	147.23	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	2478647	73.60	ng	-0.01
78) Terphenyl-d14	12.97	244	2175427	107.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	209100	13.72	ng	# 50
50) 2,6-Dinitrotoluene	9.89	165	67389	9.54	ng	# 38
56) 2,4-Dinitrotoluene	9.89	165	67739	7.84	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	629	4.29	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	36391	4.68	ng	# 1

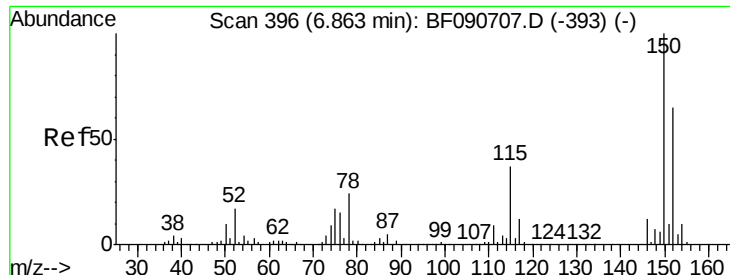
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF090785.D

Acq: 23 Oct 2016 1:37

Instrument :

BNA_F

ClientSampleId :

TCLP-1

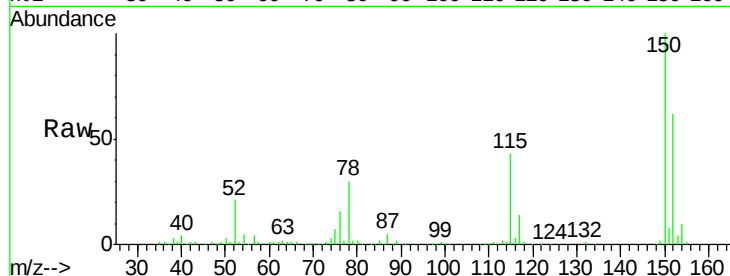
Tgt Ion:152 Resp: 243728

Ion Ratio Lower Upper

152 100

150 160.2 124.7 187.1

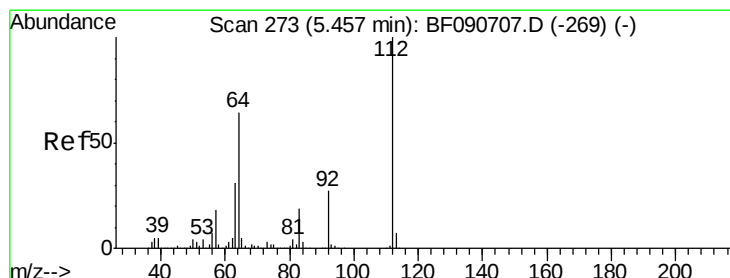
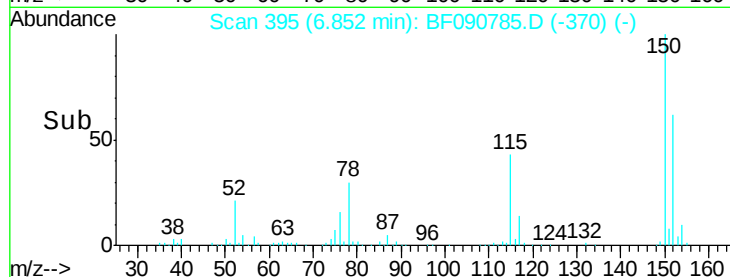
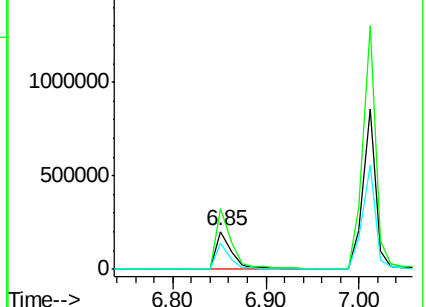
115 68.5 39.0 58.4#



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: 106.93 ng

RT: 5.48 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF090785.D

Acq: 23 Oct 2016 1:37

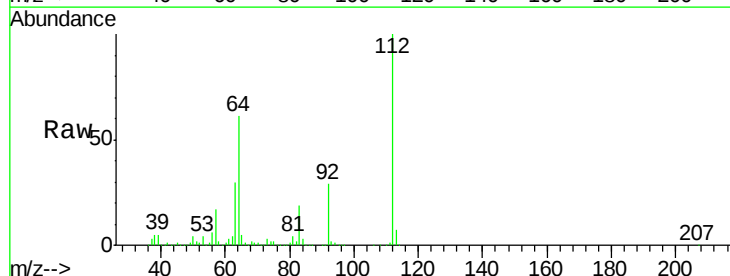
Tgt Ion:112 Resp: 1616070

Ion Ratio Lower Upper

112 100

64 60.8 39.7 59.5#

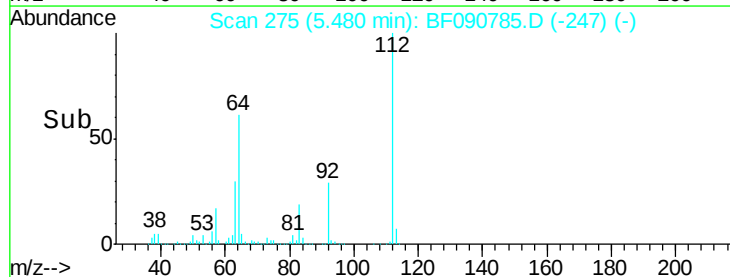
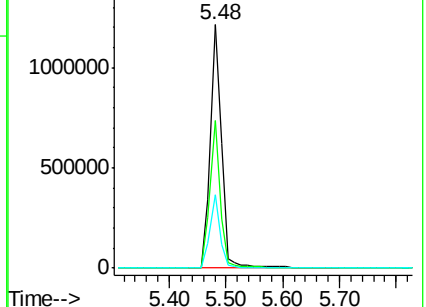
63 29.9 17.4 26.0#

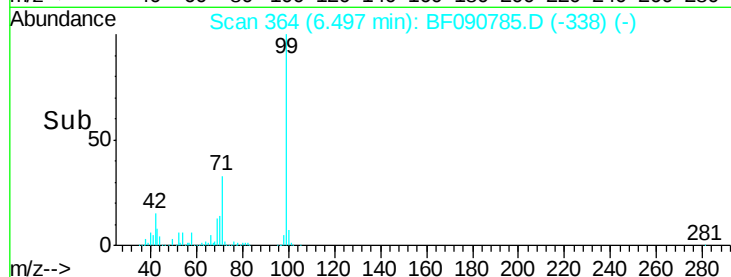
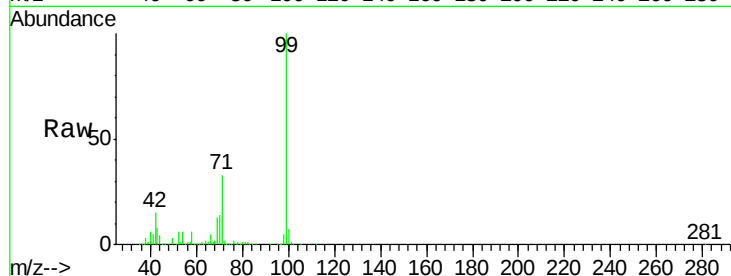
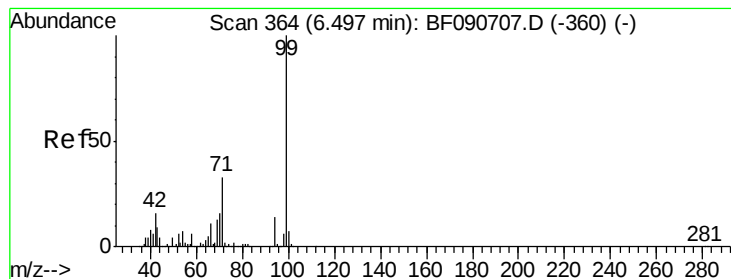


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 89.78 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090785.D

Acq: 23 Oct 2016 1:37

Instrument :

BNA_F

ClientSampleId :

TCLP-1

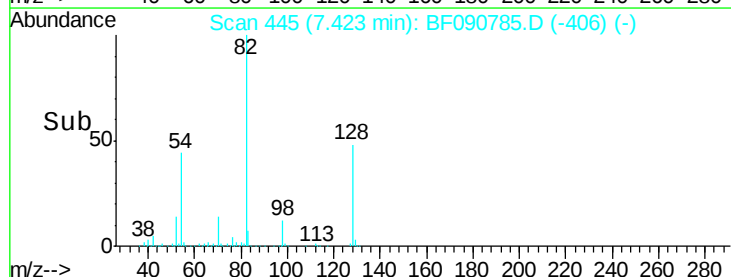
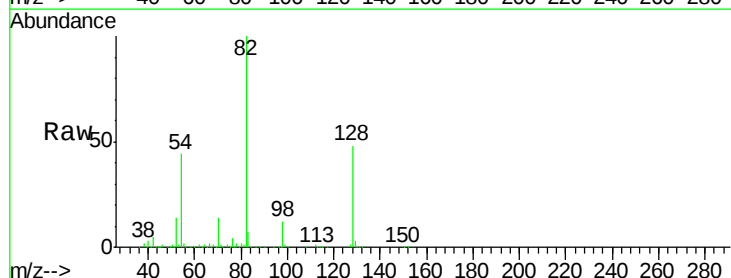
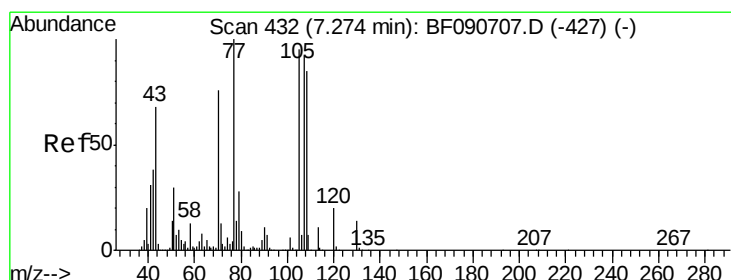
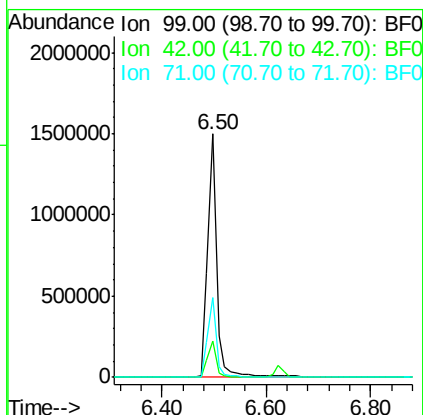
Tgt Ion: 99 Resp: 1837840

Ion Ratio Lower Upper

99 100

42 15.0 13.7 20.5

71 32.6 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 13.72 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.15 min

Lab File: BF090785.D

Acq: 23 Oct 2016 1:37

Tgt Ion: 70 Resp: 209100

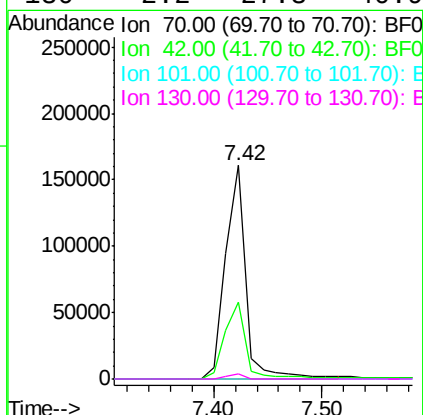
Ion Ratio Lower Upper

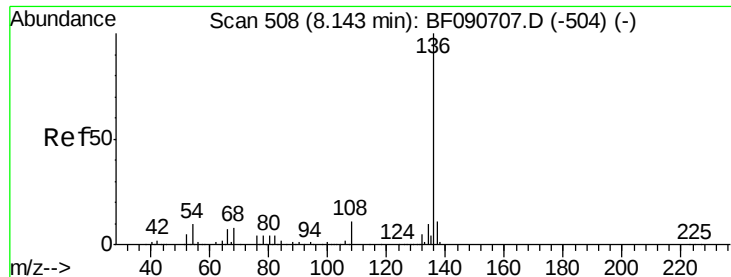
70 100

42 35.9 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: 8.14 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF090785.D

Acq: 23 Oct 2016 1:37

Instrument :

BNA_F

ClientSampleId :

TCLP-1

Tgt Ion:136 Resp: 988460

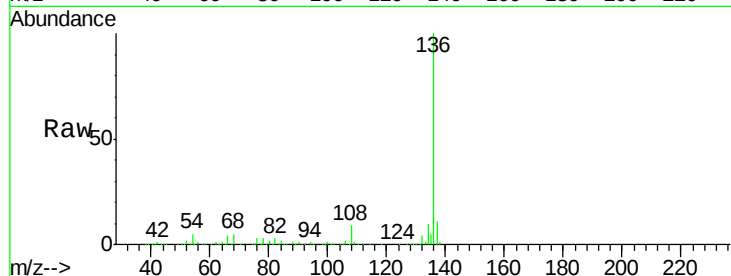
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 5.3 8.2 12.2#

68 5.2 5.8 8.6#

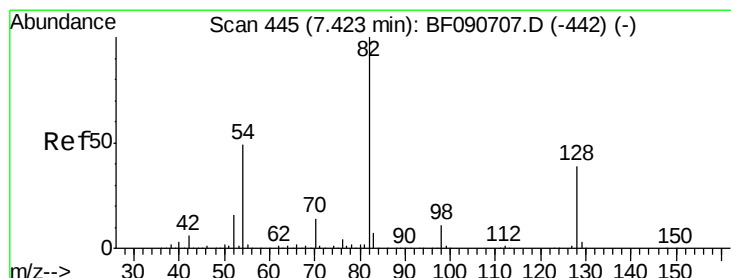
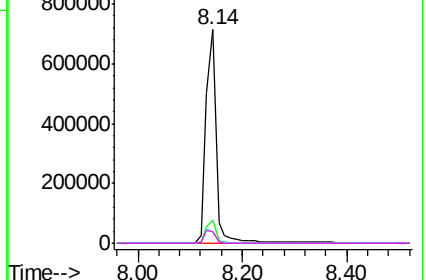
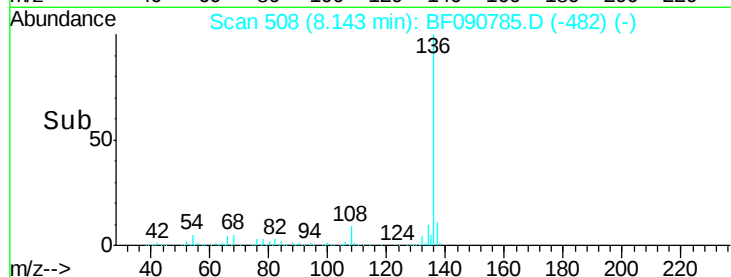


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 87.29 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF090785.D

Acq: 23 Oct 2016 1:37

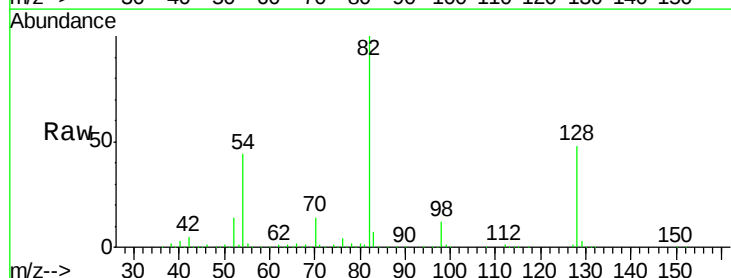
Tgt Ion: 82 Resp: 1573230

Ion Ratio Lower Upper

82 100

128 47.9 51.0 76.6#

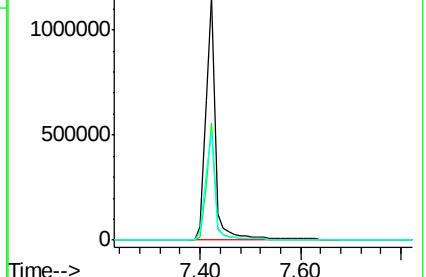
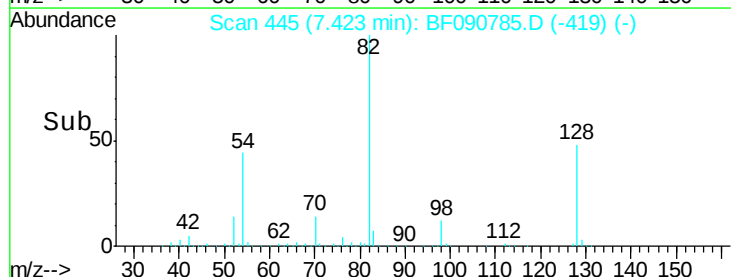
54 44.2 47.5 71.3#

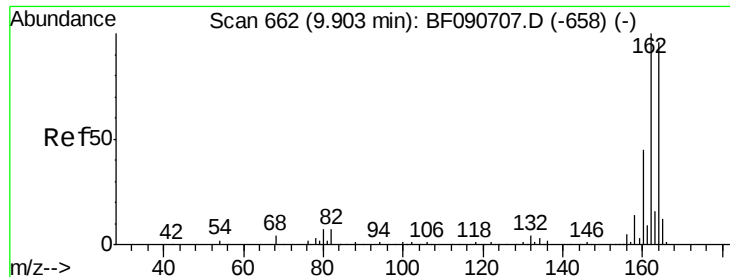


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.89 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF090785.D

Acq: 23 Oct 2016 1:37

Instrument :

BNA_F

ClientSampleId :

TCLP-1

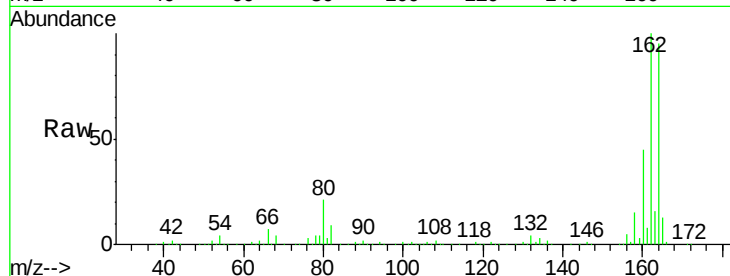
Tgt Ion:164 Resp: 522822

Ion Ratio Lower Upper

164 100

162 105.2 75.2 112.8

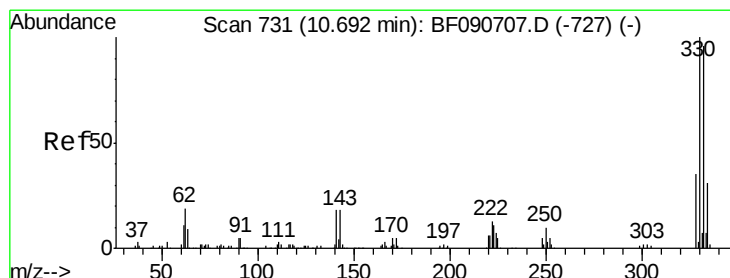
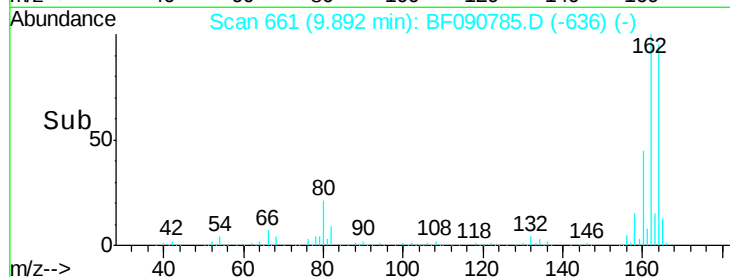
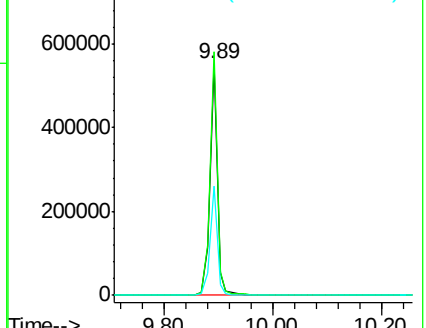
160 47.0 31.5 47.3



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: 147.23 ng

RT: 10.68 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF090785.D

Acq: 23 Oct 2016 1:37

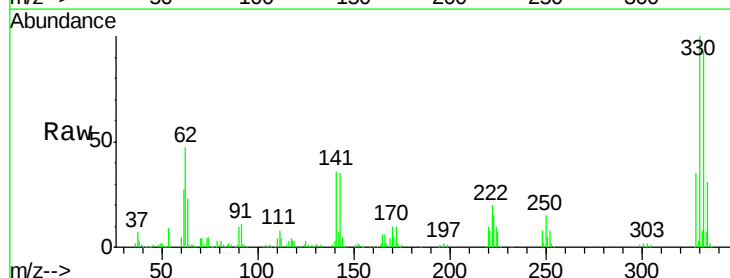
Tgt Ion:330 Resp: 609275

Ion Ratio Lower Upper

330 100

332 95.4 76.6 114.8

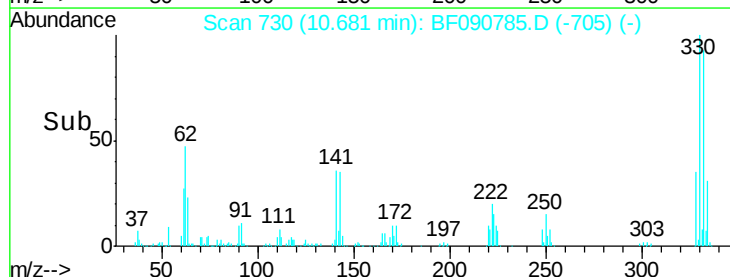
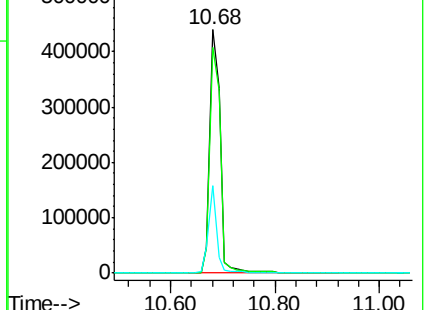
141 29.5 29.7 44.5#

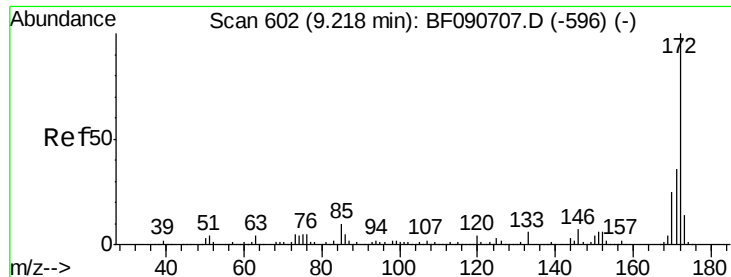


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

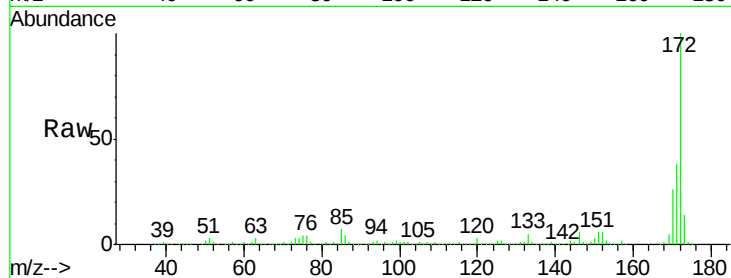




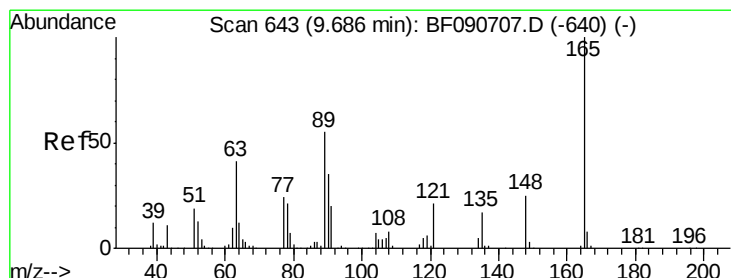
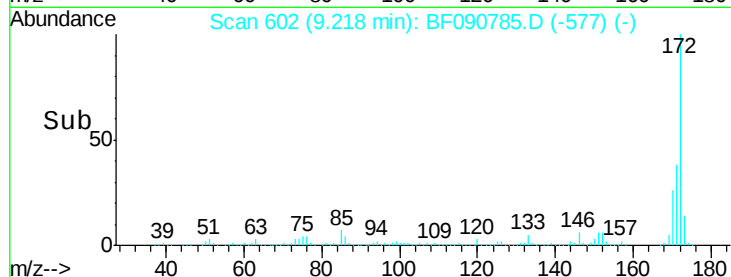
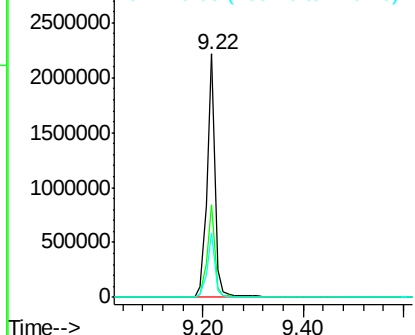
#44
 2-Fluorobiphenyl
 Concen: 73.60 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090785.D
 Acq: 23 Oct 2016 1:37

Instrument :
 BNA_F
 ClientSampled :
 TCLP-1

Tgt Ion:172 Resp: 2478647
 Ion Ratio Lower Upper
 172 100
 171 38.2 26.1 39.1
 170 26.2 17.4 26.2#

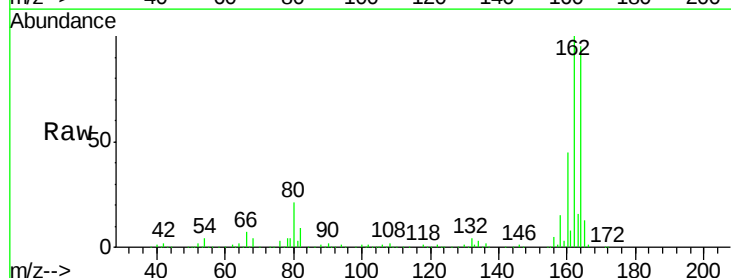


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

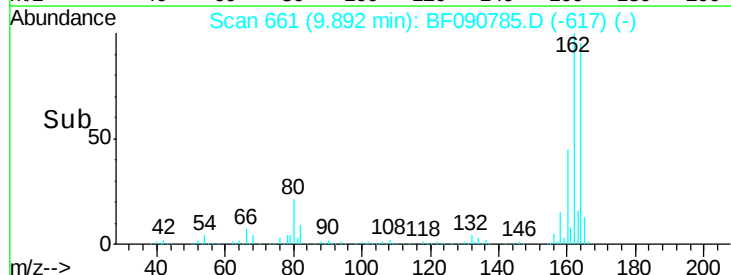
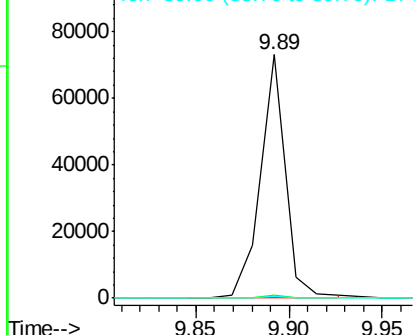


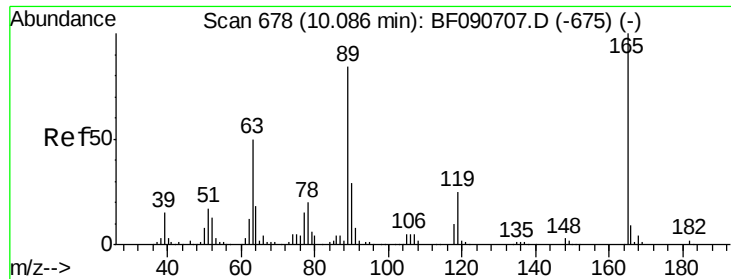
#50
 2,6-Dinitrotoluene
 Concen: 9.54 ng
 RT: 9.89 min Scan# 661
 Delta R.T. 0.21 min
 Lab File: BF090785.D
 Acq: 23 Oct 2016 1:37

Tgt Ion:165 Resp: 67389
 Ion Ratio Lower Upper
 165 100
 63 1.0 32.3 48.5#
 89 0.9 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

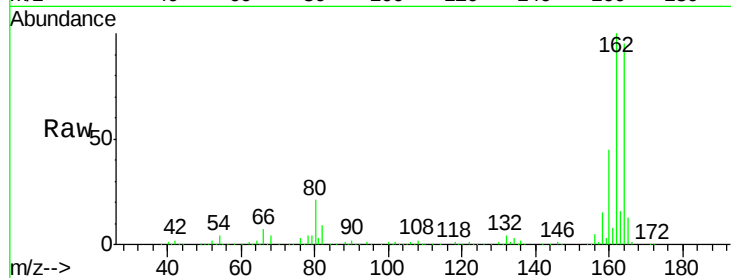




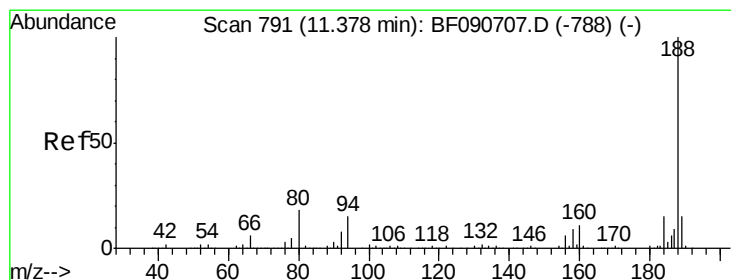
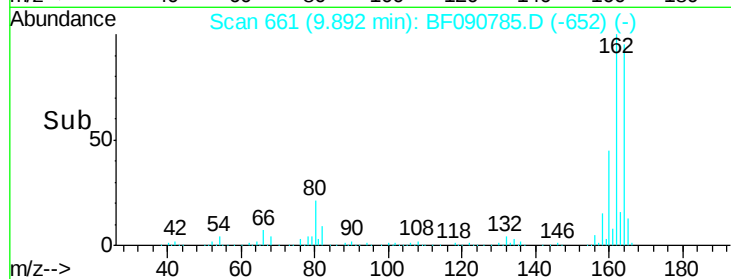
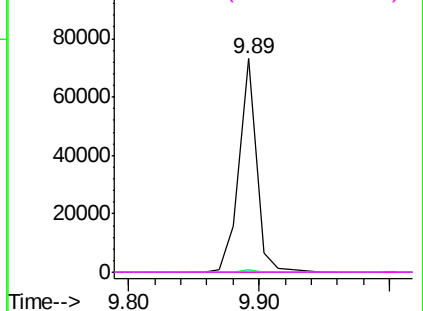
#56
 2,4-Dinitrotoluene
 Concen: 7.84 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.19 min
 Lab File: BF090785.D
 Acq: 23 Oct 2016 1:37

Instrument :
 BNA_F
 ClientSampled :
 TCLP-1

Tgt Ion:	165	Resp:	67739
Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.6#
89	0.9	44.5	66.7#
182	0.0	3.0	4.4#

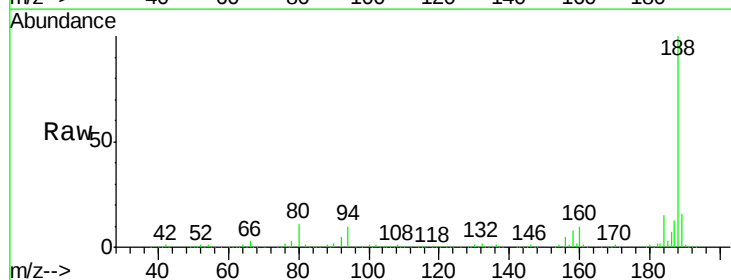


Abundance Ion 165.00 (164.70 to 165.70): E

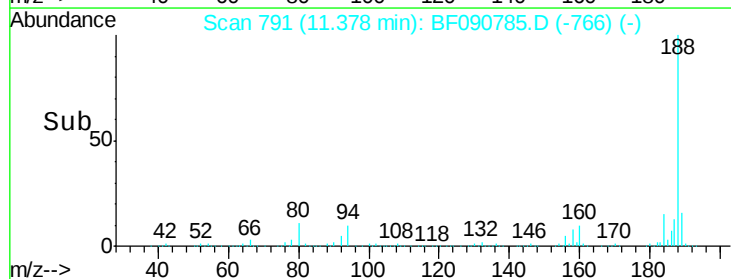
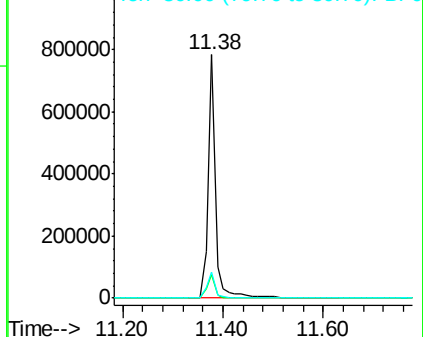


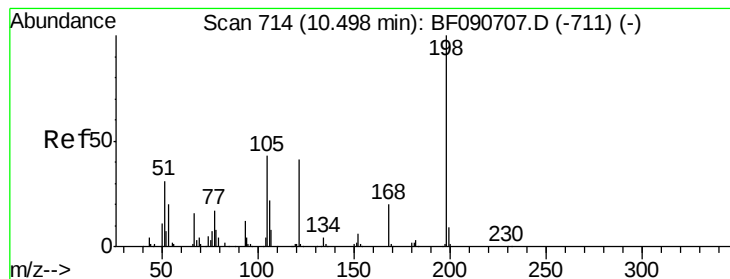
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090785.D
 Acq: 23 Oct 2016 1:37

Tgt Ion:	188	Resp:	801311
Ion	Ratio	Lower	Upper
188	100		
94	9.8	11.1	16.7#
80	10.7	11.0	16.4#



Abundance Ion 188.00 (187.70 to 188.70): E





#64

4,6-Dinitro-2-methylphenol

Concen: 4.29 ng

RT: 10.68 min Scan# 730

Delta R.T. 0.18 min

Lab File: BF090785.D

Acq: 23 Oct 2016 1:37

Instrument :

BNA_F

ClientSampled :

TCLP-1

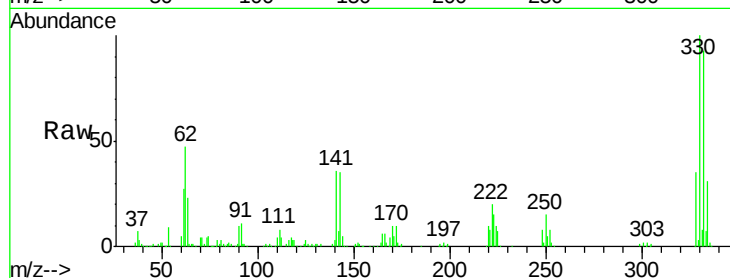
Tgt Ion:198 Resp: 629

Ion Ratio Lower Upper

198 100

51 169.9 39.6 79.6#

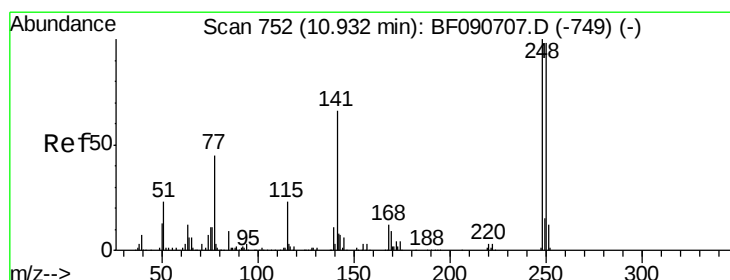
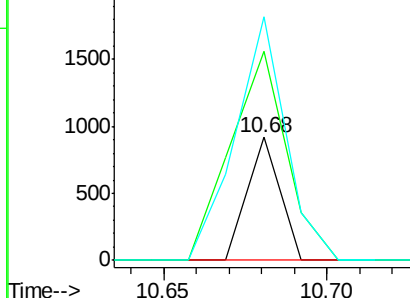
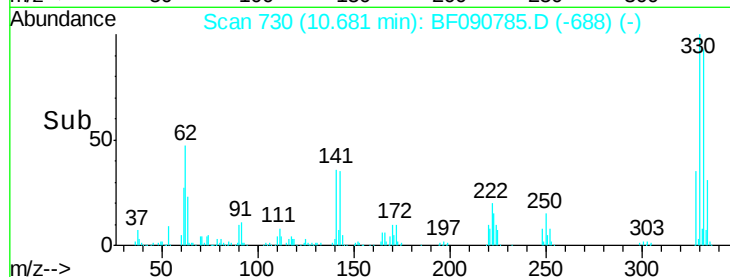
105 198.3 28.5 68.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.68 ng

RT: 10.68 min Scan# 730

Delta R.T. -0.25 min

Lab File: BF090785.D

Acq: 23 Oct 2016 1:37

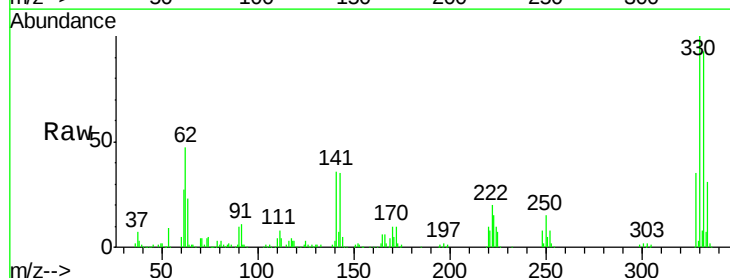
Tgt Ion:248 Resp: 36391

Ion Ratio Lower Upper

248 100

250 198.6 78.5 117.7#

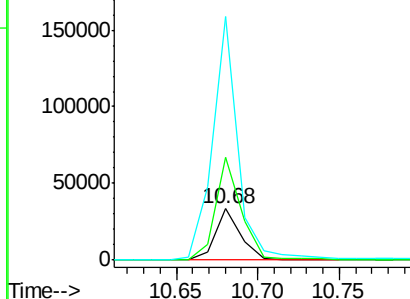
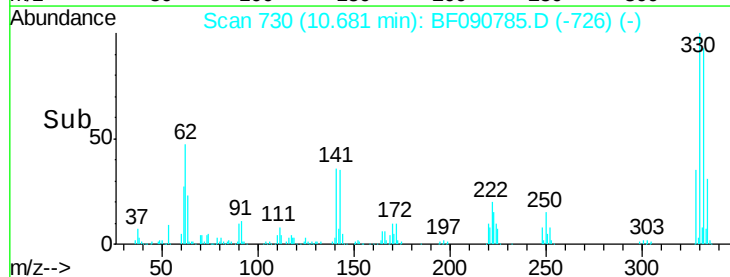
141 472.6 59.0 88.6#

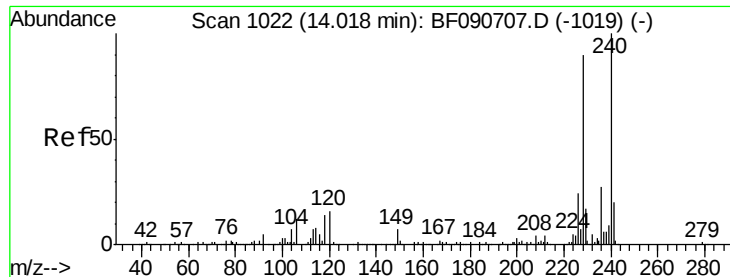


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.02 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF090785.D

Acq: 23 Oct 2016 1:37

Instrument :

BNA_F

ClientSampleId :

TCLP-1

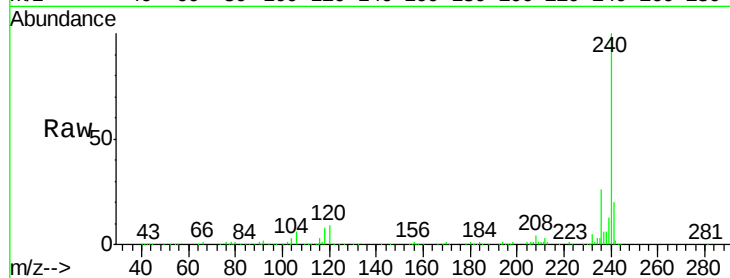
Tgt Ion:240 Resp: 464683

Ion Ratio Lower Upper

240 100

120 8.9 16.2 24.2#

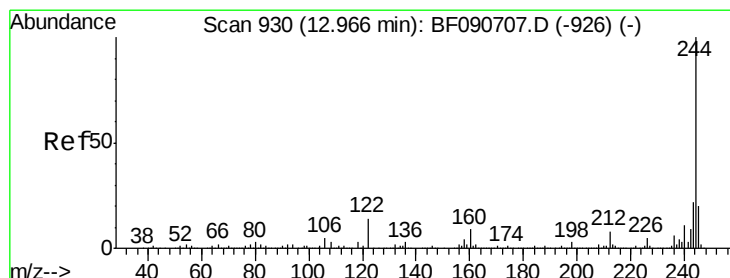
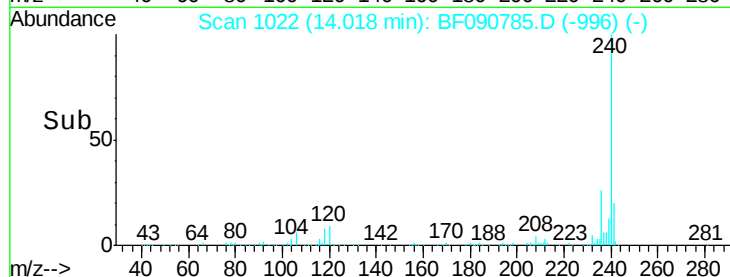
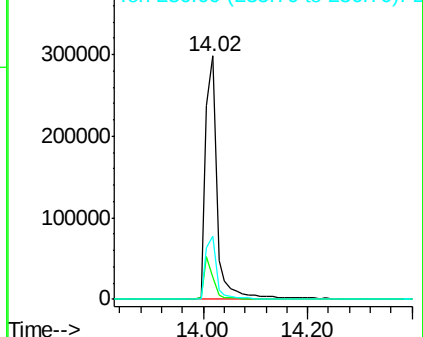
236 26.2 18.4 27.6



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: 107.29 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090785.D

Acq: 23 Oct 2016 1:37

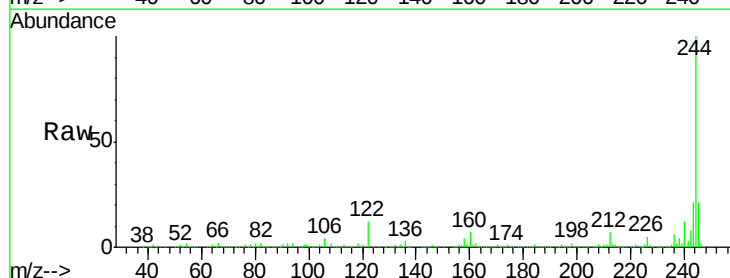
Tgt Ion:244 Resp: 2175427

Ion Ratio Lower Upper

244 100

212 7.4 4.3 6.5#

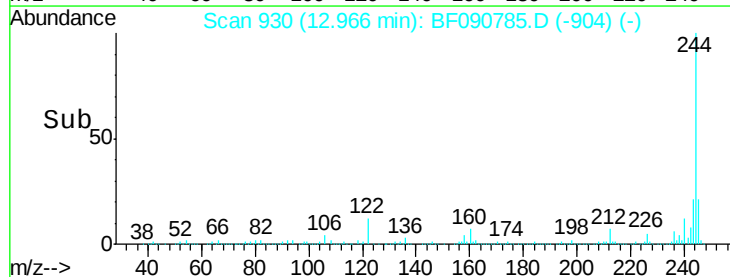
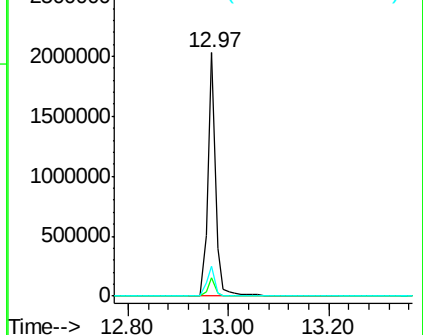
122 12.2 17.4 26.2#

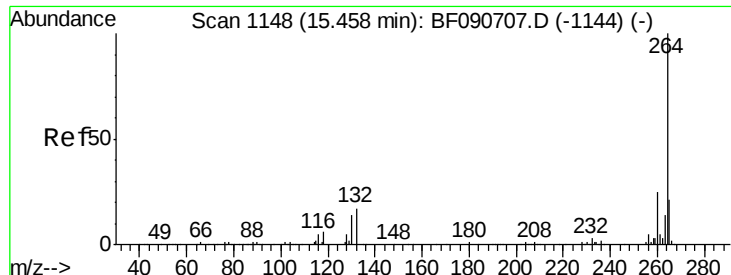


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

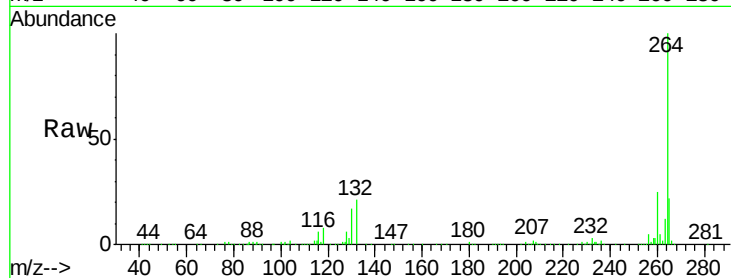




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090785.D
Acq: 23 Oct 2016 1:37

Instrument :
BNA_F
ClientSampleId :
TCLP-1

Tgt Ion: 264 Resp: 388226
Ion Ratio Lower Upper
264 100
260 24.6 16.7 25.1
265 21.6 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

