

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
 Data File : BF081762.D
 Acq On : 23 Sep 2015 8:53
 Operator : UM/IZ
 Sample : G3747-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-1

Quant Time: Sep 23 12:31:48 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:42:58 2015
 Response via : Initial Calibration

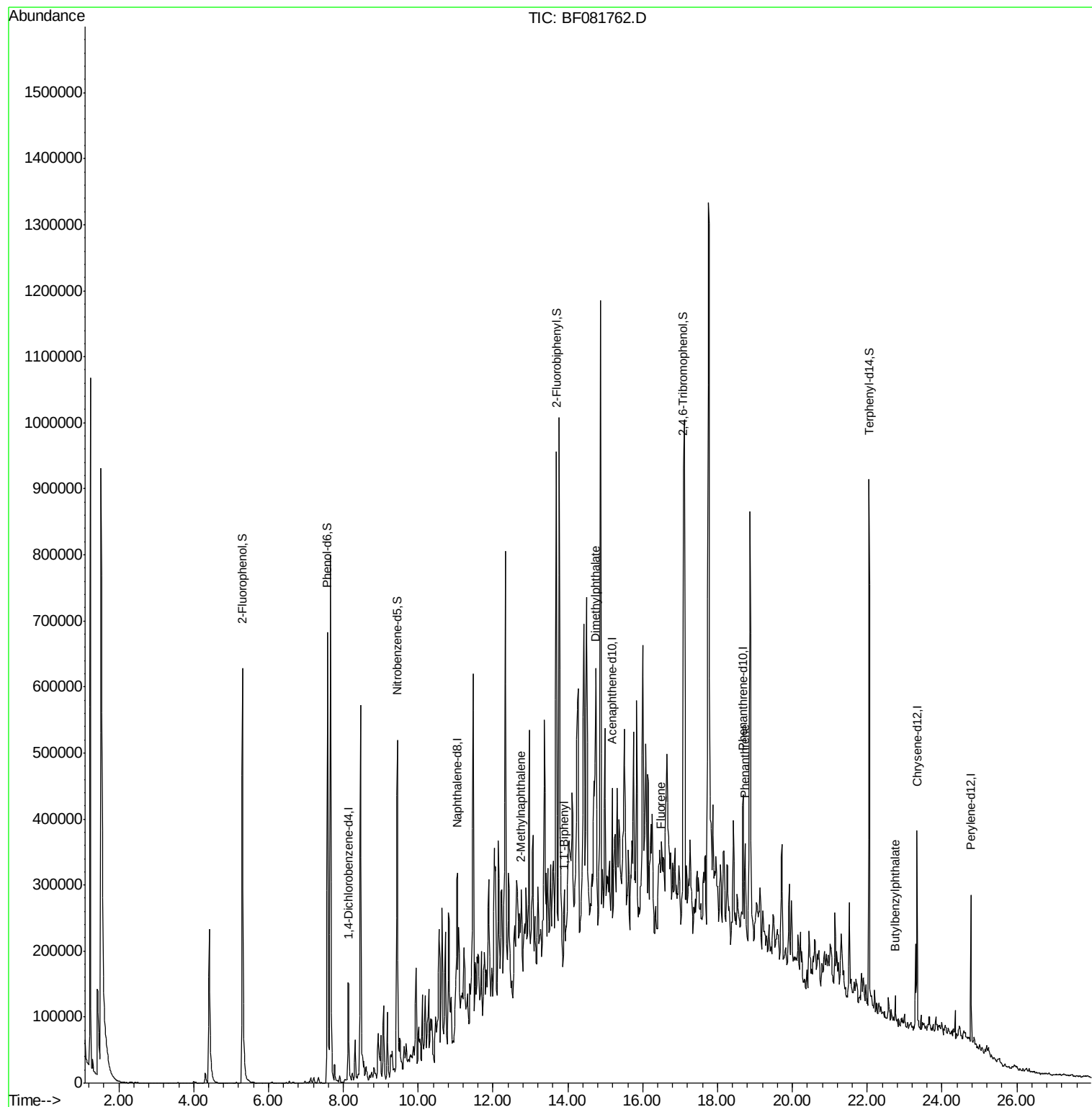
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	43154	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	170155	20.00	ng	0.00
38) Acenaphthene-d10	15.18	164	78804	20.00	ng	0.01
63) Phenanthrene-d10	18.69	188	151686	20.00	ng	0.01
75) Chrysene-d12	23.33	240	106043	20.00	ng	0.00
86) Perylene-d12	24.77	264	82018	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	306349	110.14	ng	0.02
7) Phenol-d6	7.58	99	437759	118.90	ng	0.00
23) Nitrobenzene-d5	9.44	82	289247	82.01	ng	-0.01
41) 2,4,6-Tribromophenol	17.09	330	85334	121.62	ng	0.01
44) 2-Fluorobiphenyl	13.69	172	436968	71.06	ng	0.00
78) Terphenyl-d14	22.05	244	378939	83.18	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.75	142	15540	2.63	ng	# 78
45) 1,1'-Biphenyl	13.89	154	21881	3.02	ng	93
49) Dimethylphthalate	14.75	163	105474	17.23	ng	# 97
57) Fluorene	16.48	166	25292	4.32	ng	# 65
70) Phenanthrene	18.73	178	80693	9.57	ng	96
79) Butylbenzylphthalate	22.75	149	8934	2.62	ng	# 74

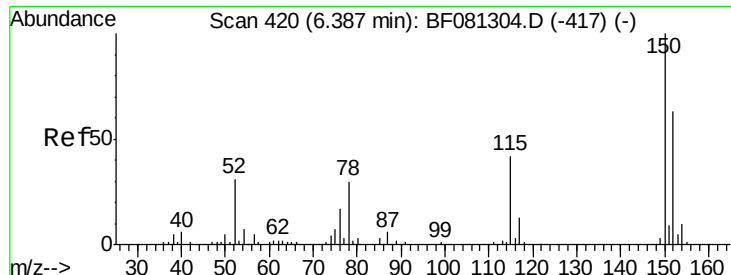
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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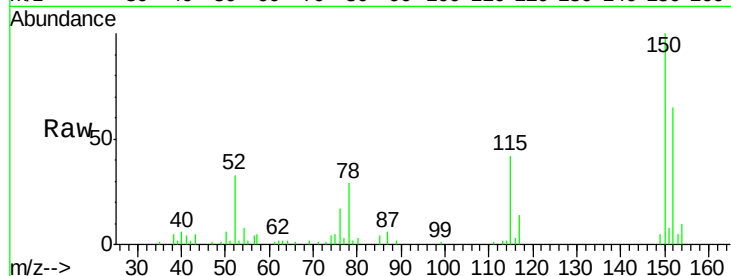


#1

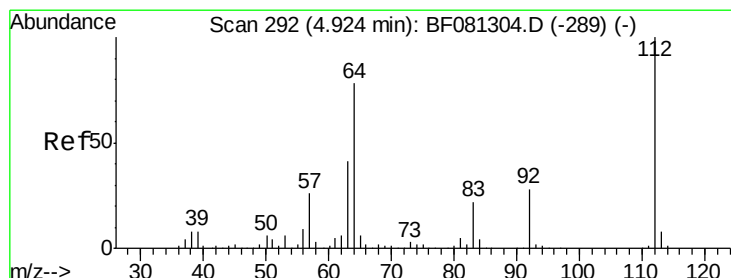
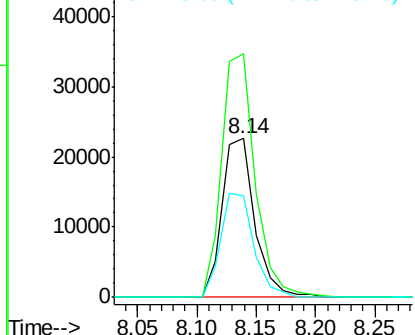
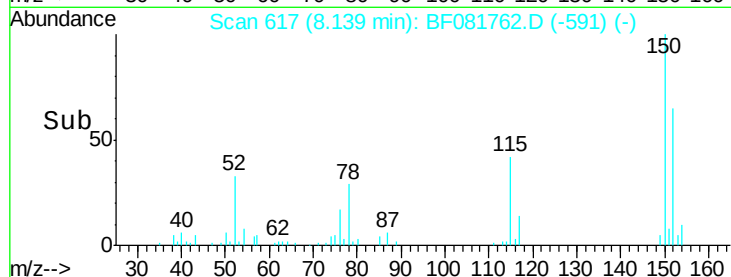
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF081762.D
Acq: 23 Sep 2015 8:53

Instrument :
BNA_F
ClientSampleId :
TRENCH-1-1

Tot Ion:152 Resp: 43154
Ion Ratio Lower Upper
152 100
150 153.5 124.7 187.1
115 64.1 39.0 58.4#



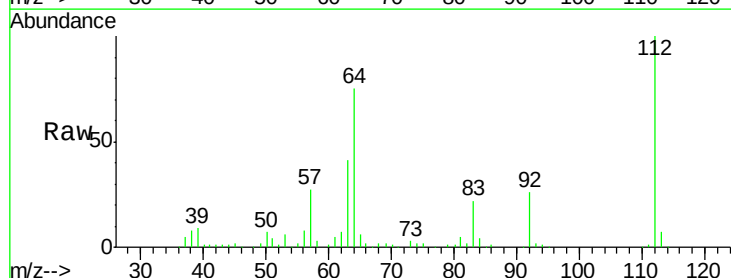
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



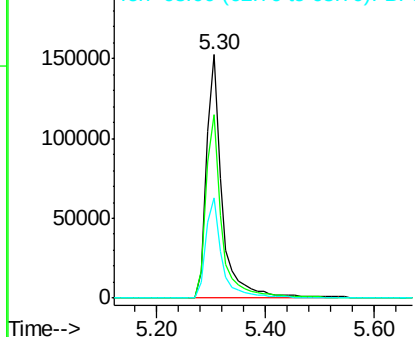
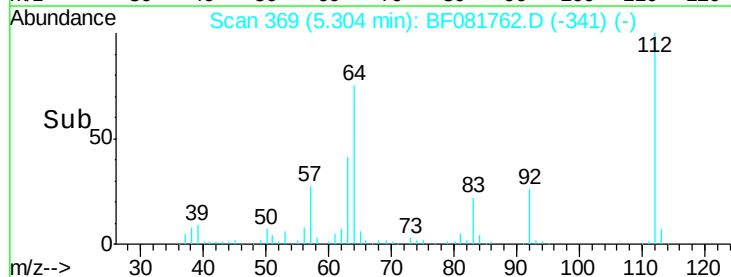
#5

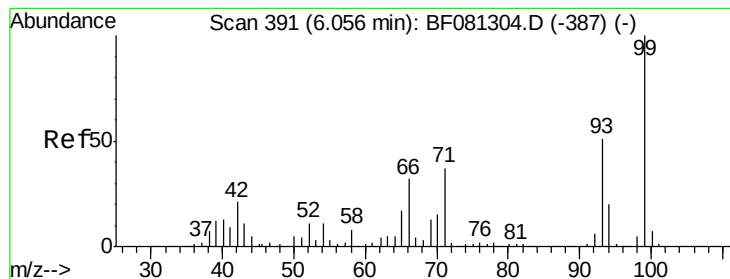
2-Fluorophenol
Concen: 110.14 ng
RT: 5.30 min Scan# 369
Delta R.T. 0.02 min
Lab File: BF081762.D
Acq: 23 Sep 2015 8:53

Tgt Ion:112 Resp: 306349
Ion Ratio Lower Upper
112 100
64 75.3 39.7 59.5#
63 41.3 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: 118.90 ng

RT: 7.58 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF081762.D

Acq: 23 Sep 2015 8:53

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-1

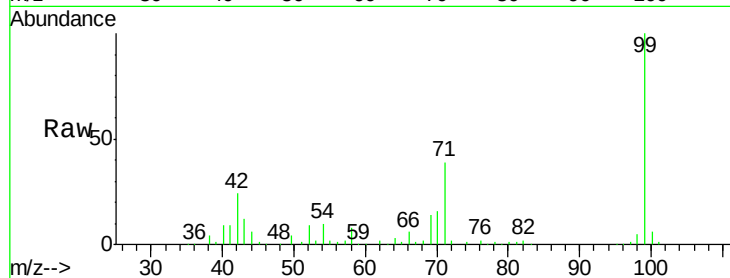
Tot Ion: 99 Resp: 437759

Ion Ratio Lower Upper

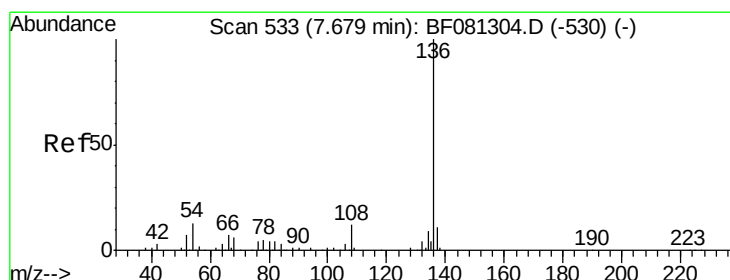
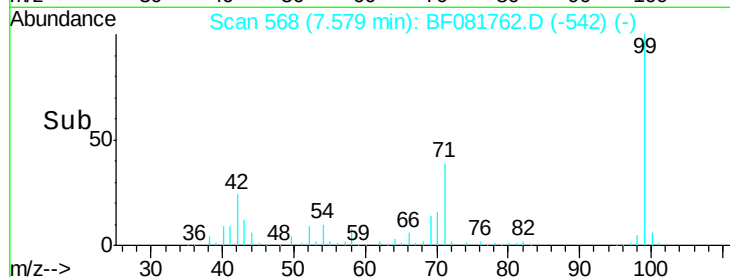
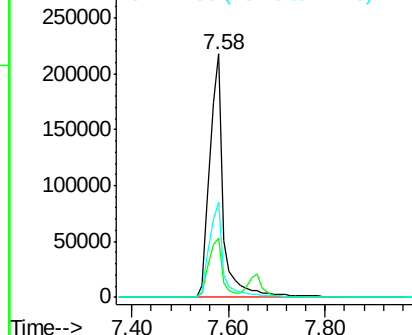
99 100

42 24.2 13.7 20.5#

71 39.3 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.04 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF081762.D

Acq: 23 Sep 2015 8:53

Tgt Ion: 136 Resp: 170155

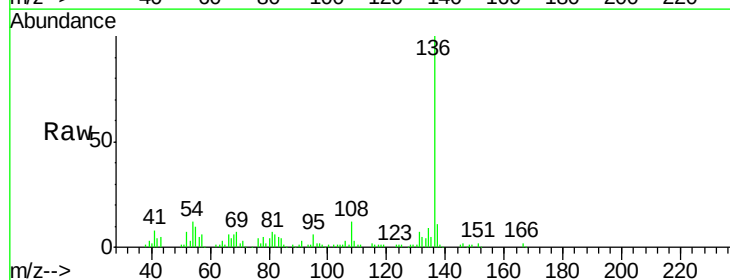
Ion Ratio Lower Upper

136 100

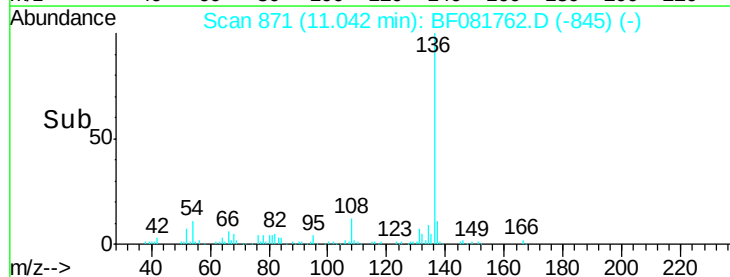
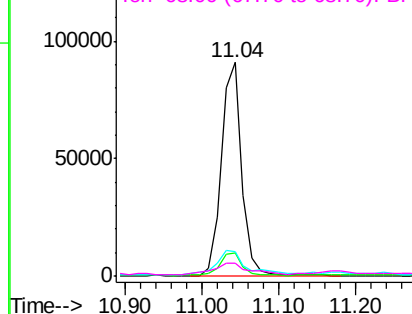
137 11.0 9.0 13.6

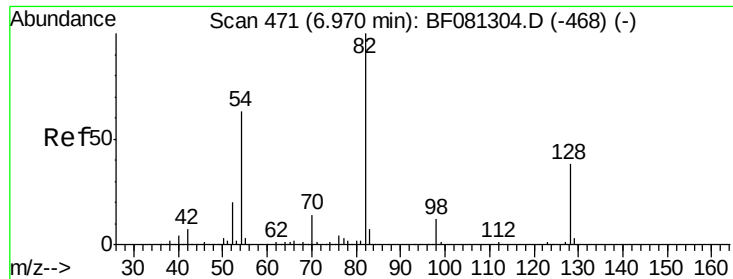
54 11.6 8.2 12.2

68 5.7 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

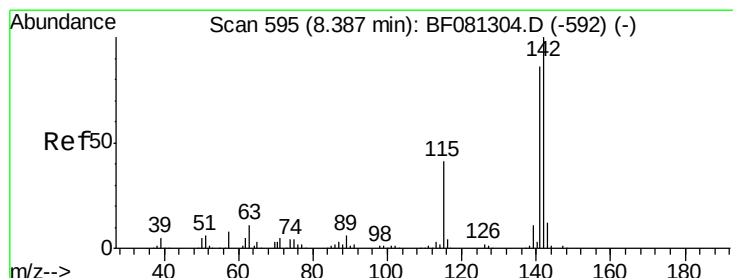
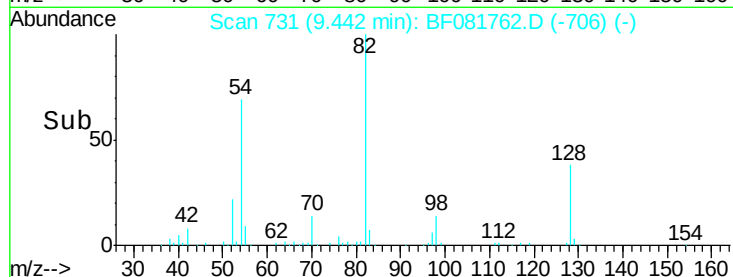
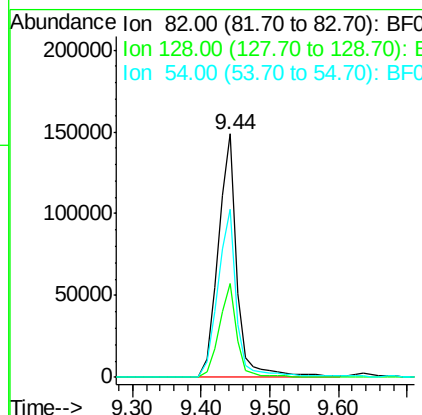
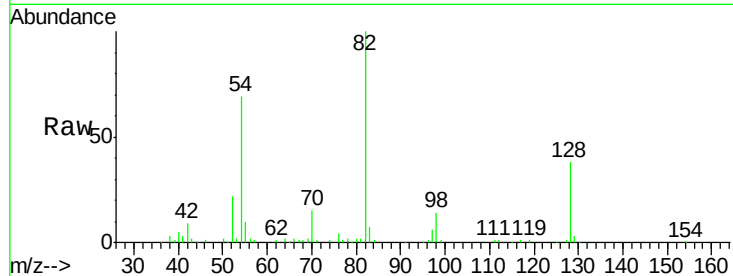




#23
 Nitrobenzene-d5
 Concen: 82.01 ng
 RT: 9.44 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF081762.D
 Acq: 23 Sep 2015 8:53

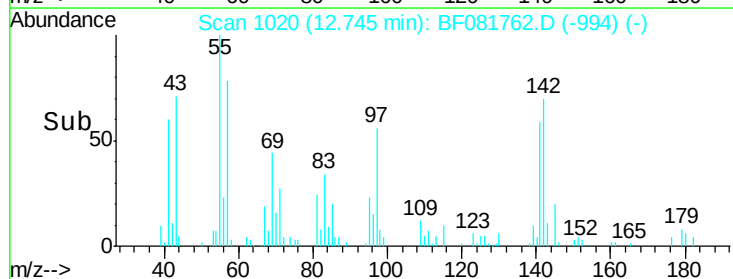
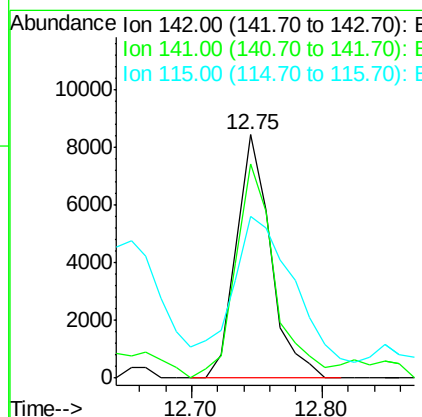
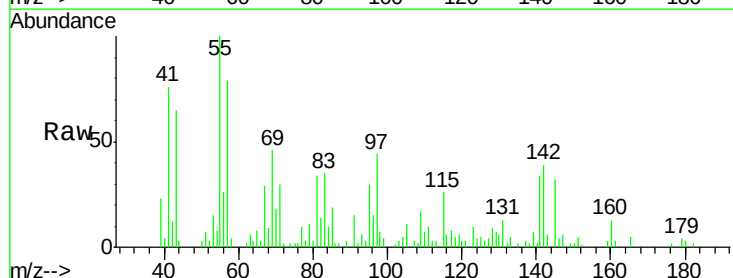
Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-1

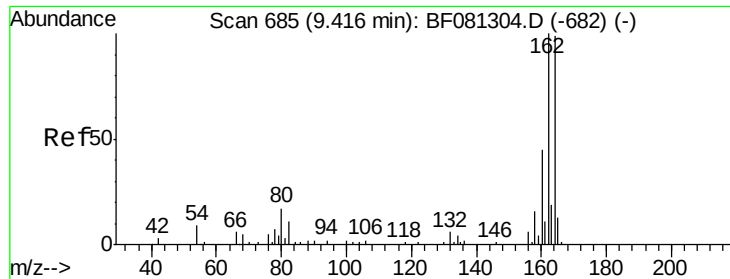
Tot Ion: 82 Resp: 289247
 Ion Ratio Lower Upper
 82 100
 128 38.4 51.0 76.6#
 54 69.2 47.5 71.3



#37
 2-Methylnaphthalene
 Concen: 2.63 ng
 RT: 12.75 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF081762.D
 Acq: 23 Sep 2015 8:53

Tgt Ion: 142 Resp: 15540
 Ion Ratio Lower Upper
 142 100
 141 88.0 67.5 101.3
 115 66.7 18.2 27.2#

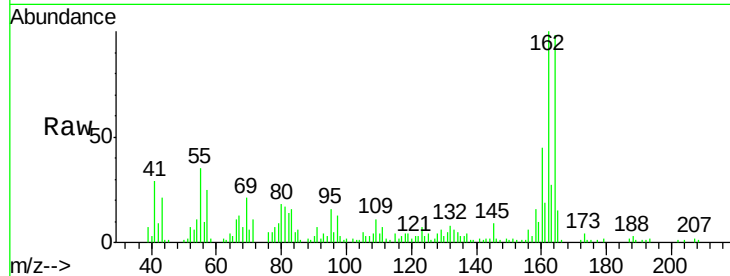




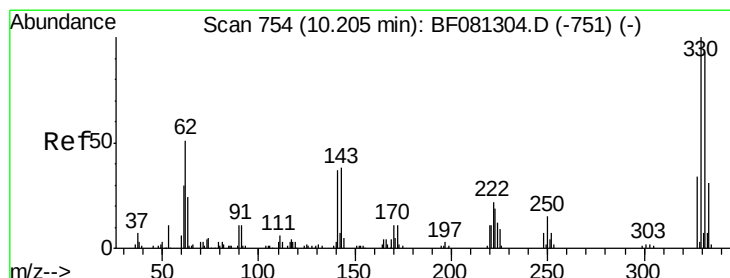
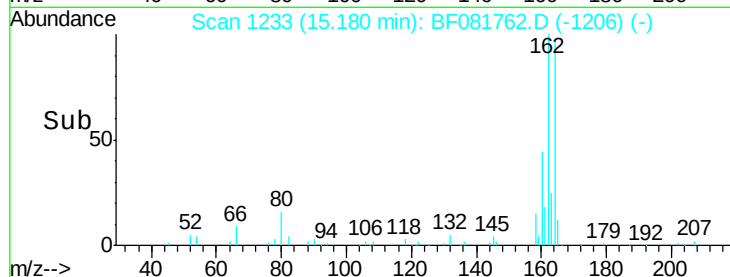
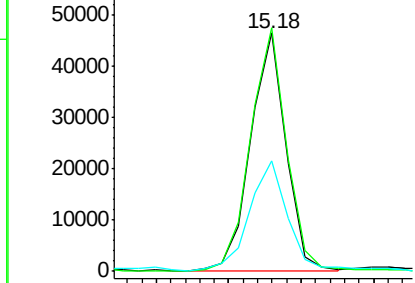
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF081762.D
 Acq: 23 Sep 2015 8:53

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-1

Tot Ion:164 Resp: 78804
 Ion Ratio Lower Upper
 164 100
 162 102.2 75.2 112.8
 160 46.3 31.5 47.3

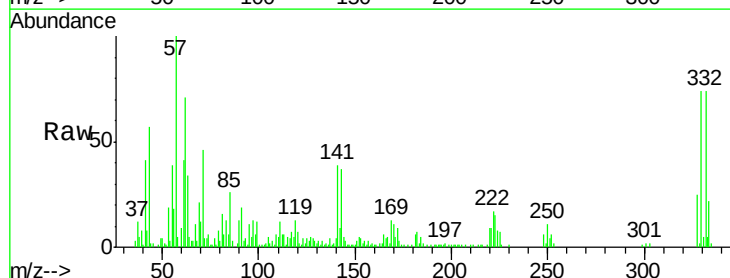


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

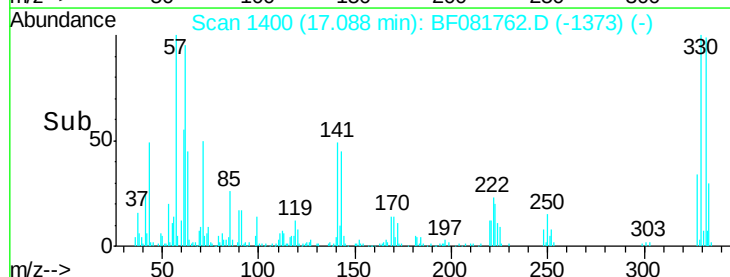
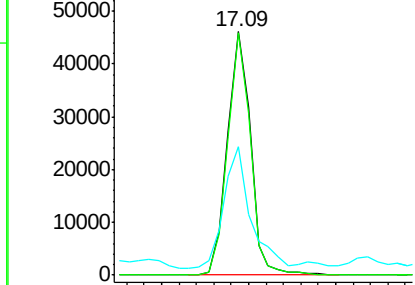


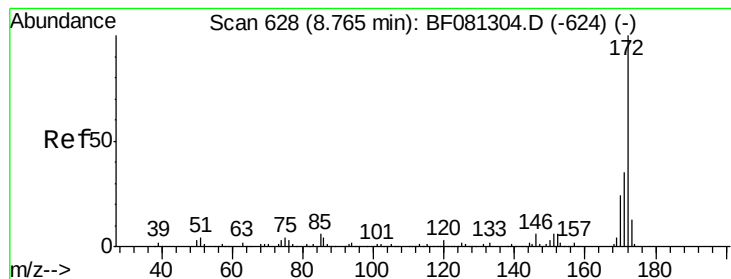
#41
 2,4,6-Tribromophenol
 Concen: 121.62 ng
 RT: 17.09 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF081762.D
 Acq: 23 Sep 2015 8:53

Tgt Ion:330 Resp: 85334
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 58.9 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: 71.06 ng

RT: 13.69 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BF081762.D

Acq: 23 Sep 2015 8:53

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-1

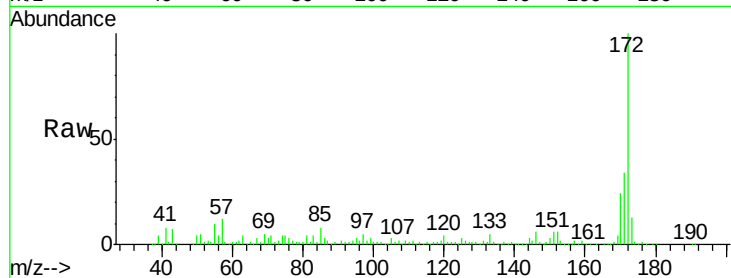
Tot Ion:172 Resp: 436968

Ion Ratio Lower Upper

172 100

171 34.5 26.1 39.1

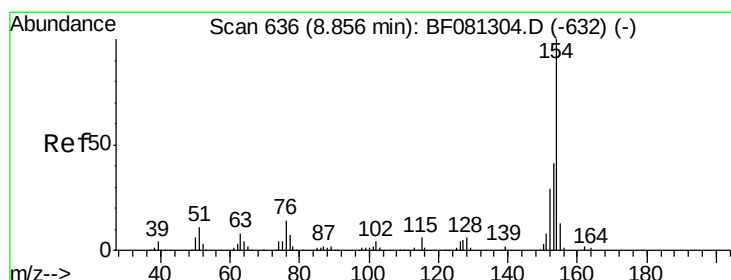
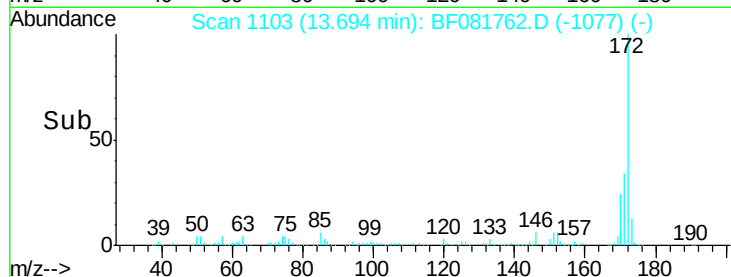
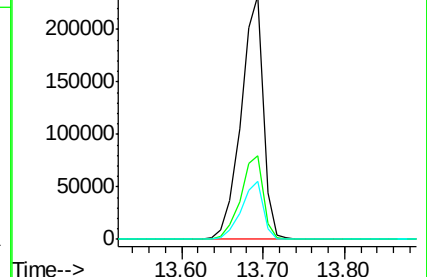
170 23.9 17.4 26.2



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



#45

1,1'-Biphenyl

Concen: 3.02 ng

RT: 13.89 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BF081762.D

Acq: 23 Sep 2015 8:53

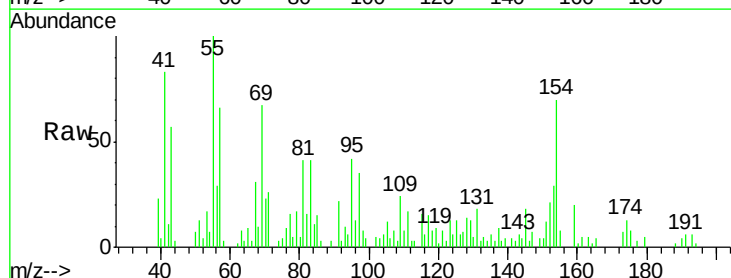
Tgt Ion:154 Resp: 21881

Ion Ratio Lower Upper

154 100

153 42.2 17.1 57.1

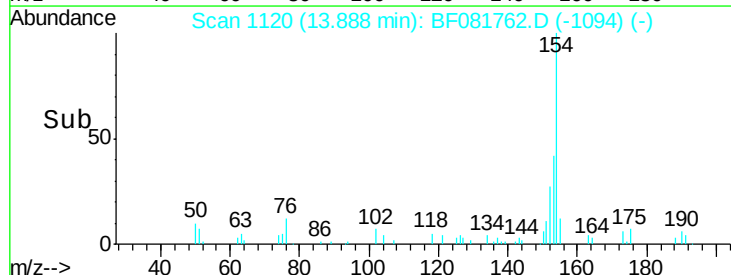
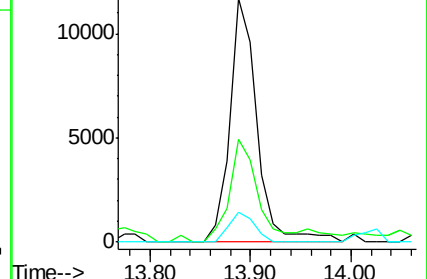
76 12.5 0.0 31.6

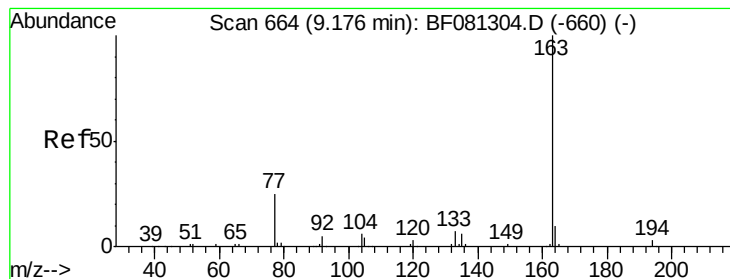


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#49

Dimethylphthalate

Concen: 17.23 ng

RT: 14.75 min Scan# 1195

Delta R.T. -0.03 min

Lab File: BF081762.D

Acq: 23 Sep 2015 8:53

Instrument :

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ClientSampleId :

TRENCH-1-1

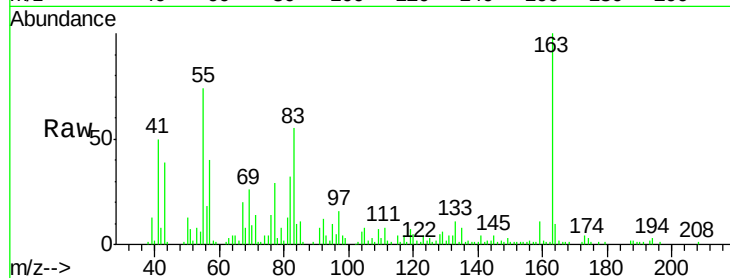
Tot Ion:163 Resp: 105474

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

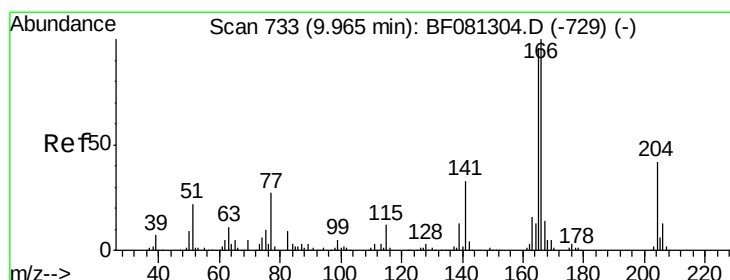
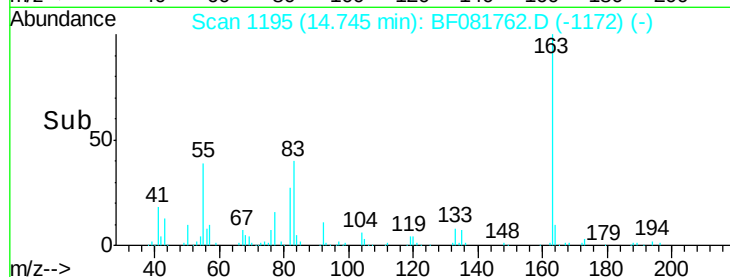
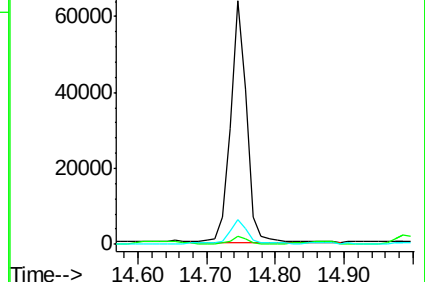
164 10.1 8.3 12.5



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



#57

Fluorene

Concen: 4.32 ng

RT: 16.48 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF081762.D

Acq: 23 Sep 2015 8:53

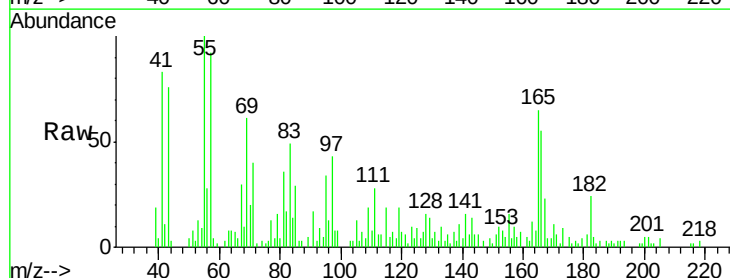
Tgt Ion:166 Resp: 25292

Ion Ratio Lower Upper

166 100

165 118.6 72.6 109.0#

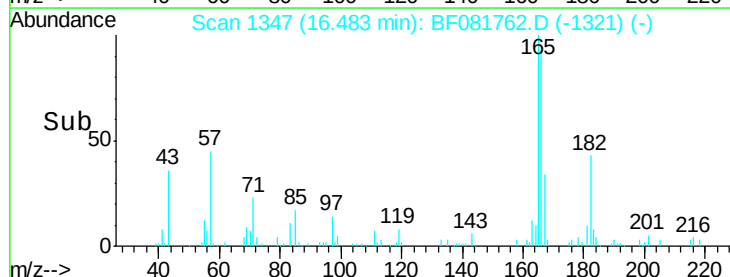
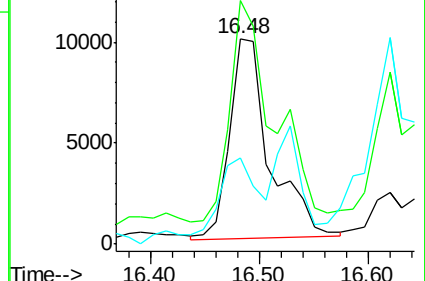
167 41.8 10.6 16.0#

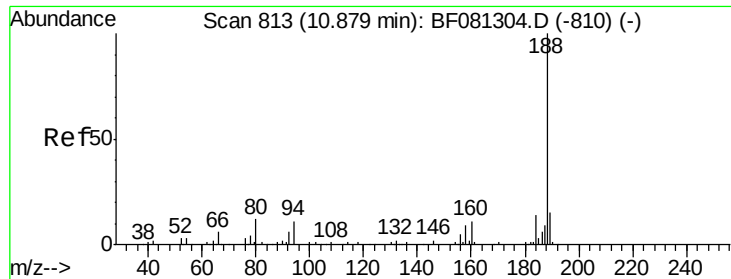


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

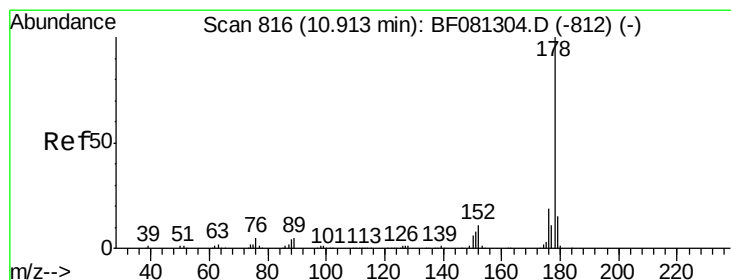
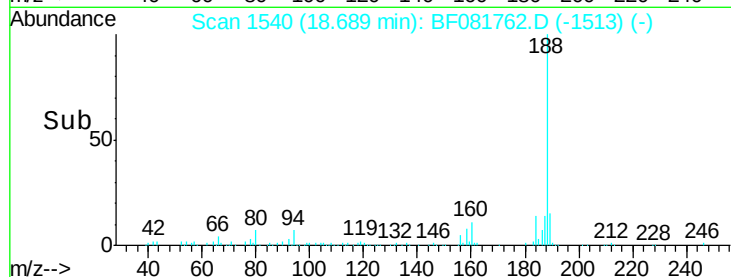
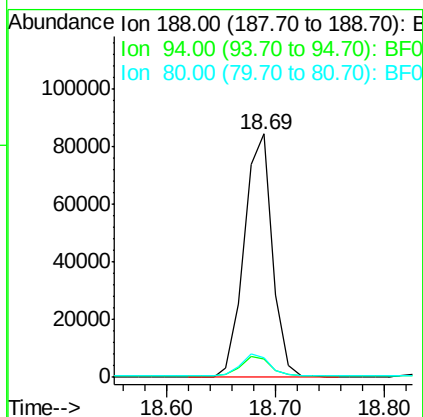
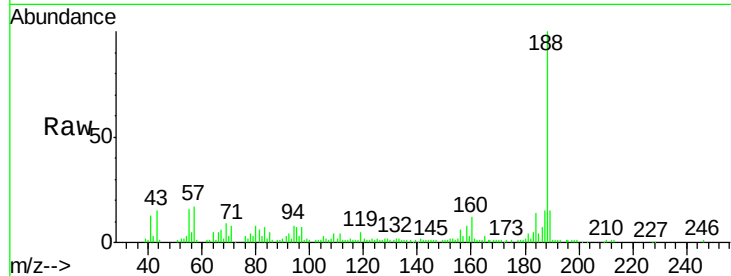




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.69 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF081762.D
Acq: 23 Sep 2015 8:53

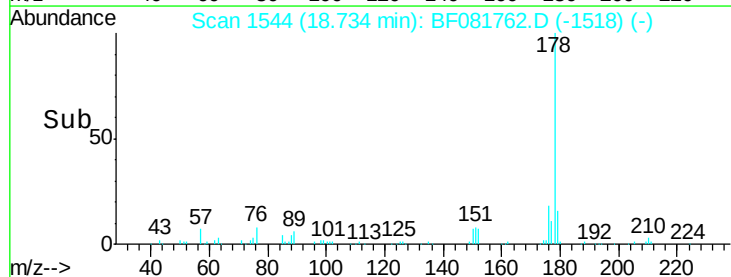
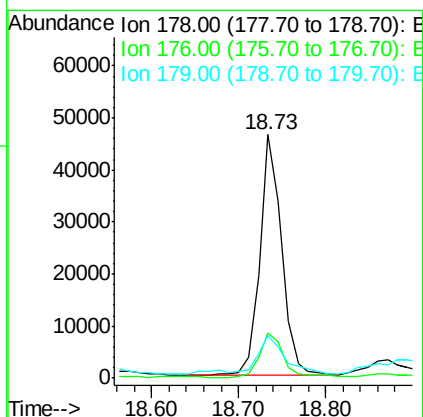
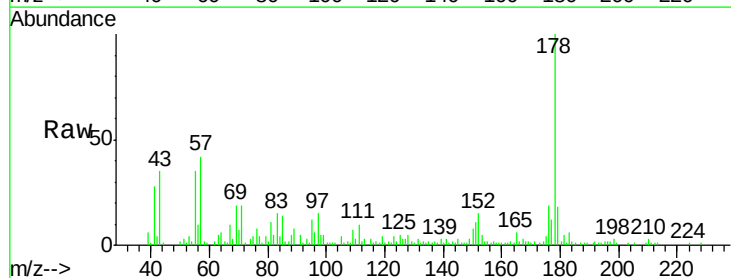
Instrument :
BNA_F
ClientSampleId :
TRENCH-1-1

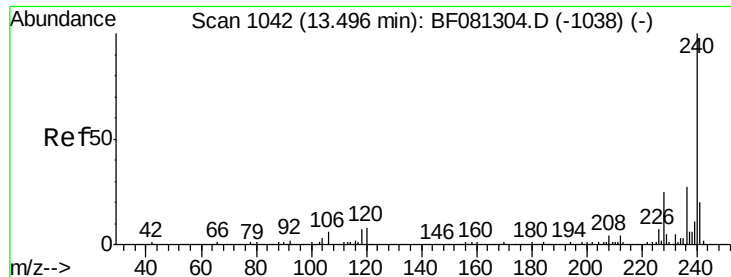
Tot Ion:188 Resp: 151686
Ion Ratio Lower Upper
188 100
94 7.6 11.1 16.7#
80 7.9 11.0 16.4#



#70
Phenanthrene
Concen: 9.57 ng
RT: 18.73 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF081762.D
Acq: 23 Sep 2015 8:53

Tgt Ion:178 Resp: 80693
Ion Ratio Lower Upper
178 100
176 18.7 13.8 20.8
179 17.7 12.2 18.2

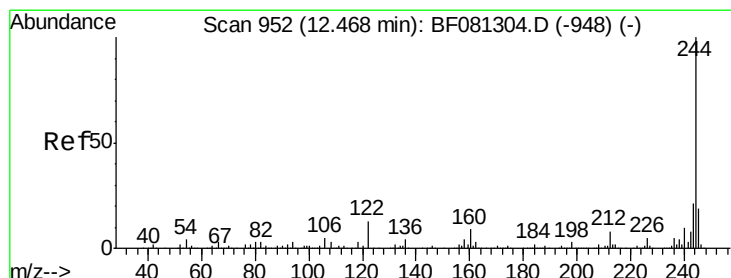
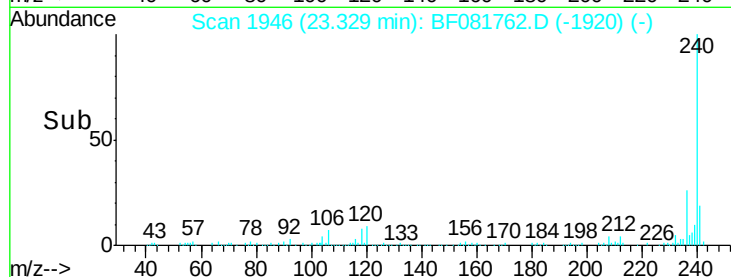
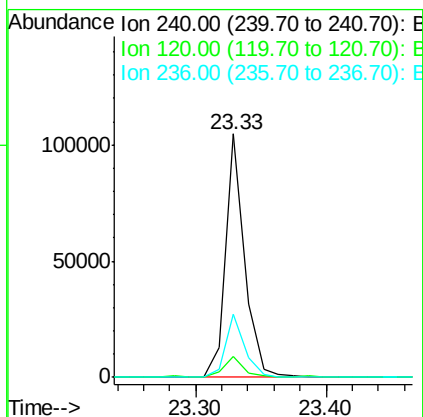
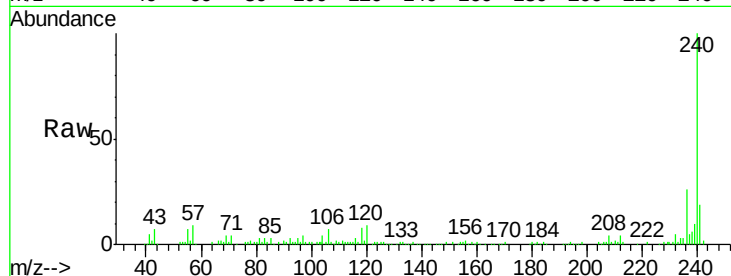




#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.33 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BF081762.D
Acq: 23 Sep 2015 8:53

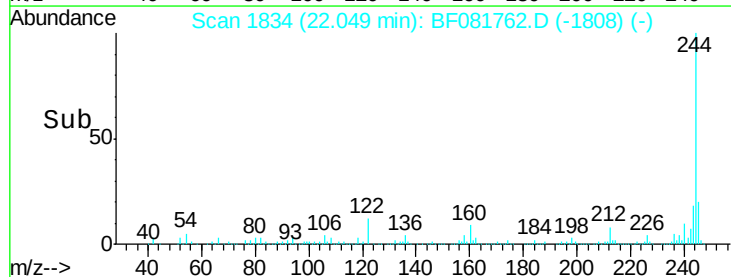
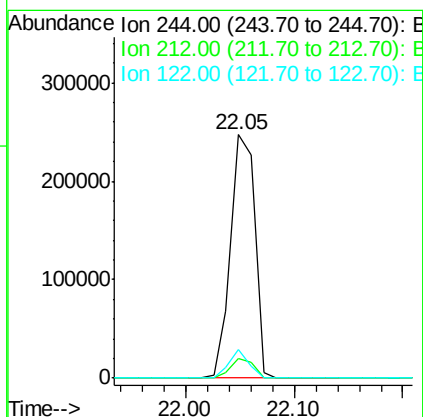
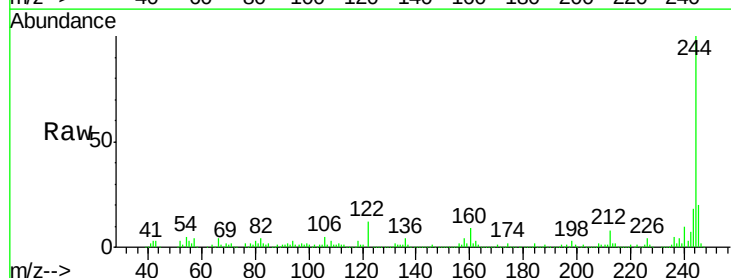
Instrument :
BNA_F
ClientSampleId :
TRENCH-1-1

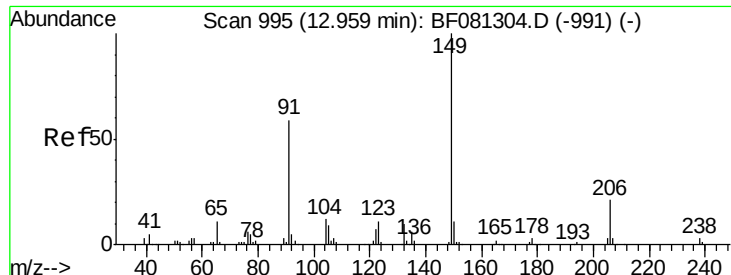
Tot Ion:240 Resp: 106043
Ion Ratio Lower Upper
240 100
120 8.7 16.2 24.2#
236 26.1 18.4 27.6



#78
Terphenyl-d14
Concen: 83.18 ng
RT: 22.05 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BF081762.D
Acq: 23 Sep 2015 8:53

Tgt Ion:244 Resp: 378939
Ion Ratio Lower Upper
244 100
212 7.9 4.3 6.5#
122 12.0 17.4 26.2#

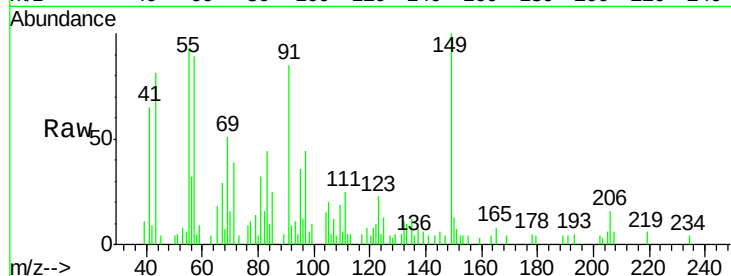




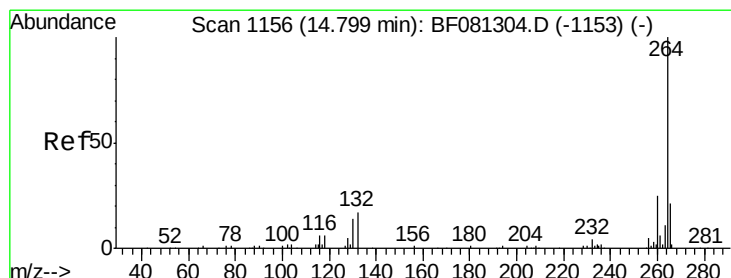
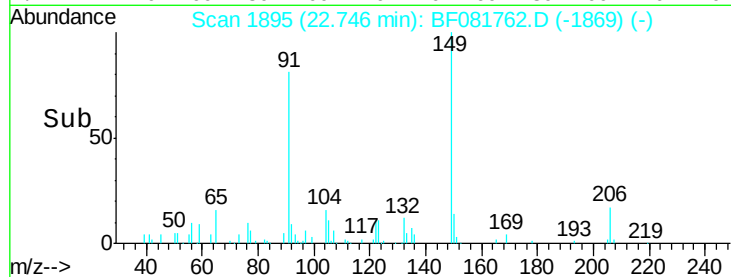
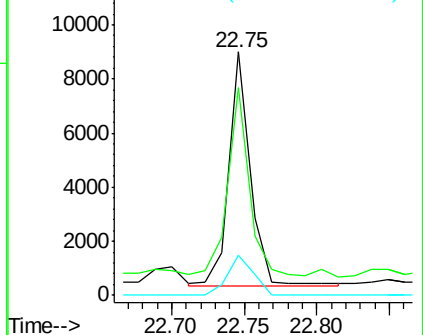
#79
Butylbenzylphthalate
Concen: 2.62 ng
RT: 22.75 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BF081762.D
Acq: 23 Sep 2015 8:53

Instrument :
BNA_F
ClientSampleId :
TRENCH-1-1

Tot Ion:149 Resp: 8934
Ion Ratio Lower Upper
149 100
91 85.3 48.6 72.8#
206 16.4 14.9 22.3

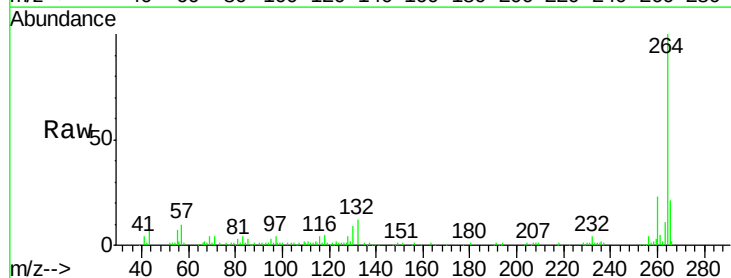


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.77 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BF081762.D
Acq: 23 Sep 2015 8:53

Tgt Ion:264 Resp: 82018
Ion Ratio Lower Upper
264 100
260 23.1 16.7 25.1
265 20.7 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

