

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092215\
 Data File : BF081763.D
 Acq On : 23 Sep 2015 9:29
 Operator : UM/IZ
 Sample : G3747-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-2

Quant Time: Sep 23 11:17:47 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	8.15	152	39039	20.00	ng	0.01
21) Naphthalene-d8	10.98	136	18795	20.00	ng	-0.06
38) Acenaphthene-d10	15.12	164	1898	20.00	ng	-0.05
63) Phenanthrene-d10	18.84	188	116649	20.00	ng	0.16
75) Chrysene-d12	23.34	240	82584	20.00	ng	0.01
86) Perylene-d12	24.77	264	69498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	255773	101.65	ng	0.01
7) Phenol-d6	7.58	99	367642	110.38	ng	0.00
23) Nitrobenzene-d5	9.37	82	18385	47.19	ng	-0.08
41) 2,4,6-Tribromophenol	17.26	330	55458	3281.57	ng	0.18
44) 2-Fluorobiphenyl	13.82	172	386499	2609.55	ng	0.13
78) Terphenyl-d14	22.08	244	292104	82.34	ng	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	1.53	88	54675	48.38	ng	# 11
9) Benzaldehyde	7.18	77	17912	8.58	ng	# 1
18) Hexachloroethane	9.38	117	131964	112.45	ng	# 1
19) n-Nitroso-di-n-propylamine	9.34	70	16212	7.15	ng	# 79
22) Acetophenone	8.94	105	545441	1062.49	ng	# 53
24) Nitrobenzene	9.45	77	181866	449.56	ng	# 26
25) Isophorone	10.07	82	97470	134.52	ng	# 1
26) 2-Nitrophenol	10.13	139	3631	20.59	ng	# 1
27) 2,4-Dimethylphenol	10.25	122	12347	40.54	ng	# 1
28) bis(2-Chloroethoxy)methane	10.70	93	45410	108.50	ng	# 1
29) 2,4-Dichlorophenol	10.95	162	20159	76.34	ng	# 1
30) 1,2,4-Trichlorobenzene	10.93	180	3171	11.05	ng	# 12
31) Naphthalene	11.21	128	1556384	1552.72	ng	# 78
32) Benzoic acid	10.94	122	5506	26.52	ng	# 1
33) 4-Chloroaniline	11.21	127	266180	651.06	ng	# 1
35) Caprolactam	12.24	113	49766	614.44	ng	# 1
36) 4-Chloro-3-methylphenol	12.76	107	54342	183.84	ng	# 36
42) 2,4,6-Trichlorophenol	13.48	196	2285	55.16	ng	# 13
43) 2,4,5-Trichlorophenol	13.57	196	154	3.64	ng	# 1
45) 1,1'-Biphenyl	14.07	154	956869	5479.80	ng	# 96
46) 2-Chloronaphthalene	13.69	162	27923	221.43	ng	# 1
47) 2-Nitroaniline	14.23	65	52597	1023.41	ng	# 23
48) Acenaphthylene	14.69	152	609445	2724.22	ng	# 1
49) Dimethylphthalate	14.72	163	3378	22.91	ng	# 1
50) 2,6-Dinitrotoluene	14.87	165	1491	44.55	ng	# 1
51) Acenaphthene	15.21	154	10339	81.24	ng	# 1
52) 3-Nitroaniline	15.20	138	16998	446.11	ng	# 1
53) 2,4-Dinitrophenol	15.49	184	3036	169.48	ng	# 1
54) Dibenzofuran	15.57	168	244924	1318.00	ng	# 88
55) 4-Nitrophenol	15.88	139	71363	2981.20	ng	# 44
56) 2,4-Dinitrotoluene	15.68	165	62906	1476.09	ng	# 53
57) Fluorene	16.51	166	29183	206.94	ng	# 1
58) 2,3,4,6-Tetrachlorophenol	15.99	232	1610	49.90	ng	# 1
59) Diethylphthalate	16.46	149	7226	46.58	ng	# 1

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Instrument :
BNA_F
ClientSampleId :
TRENCH-1-2

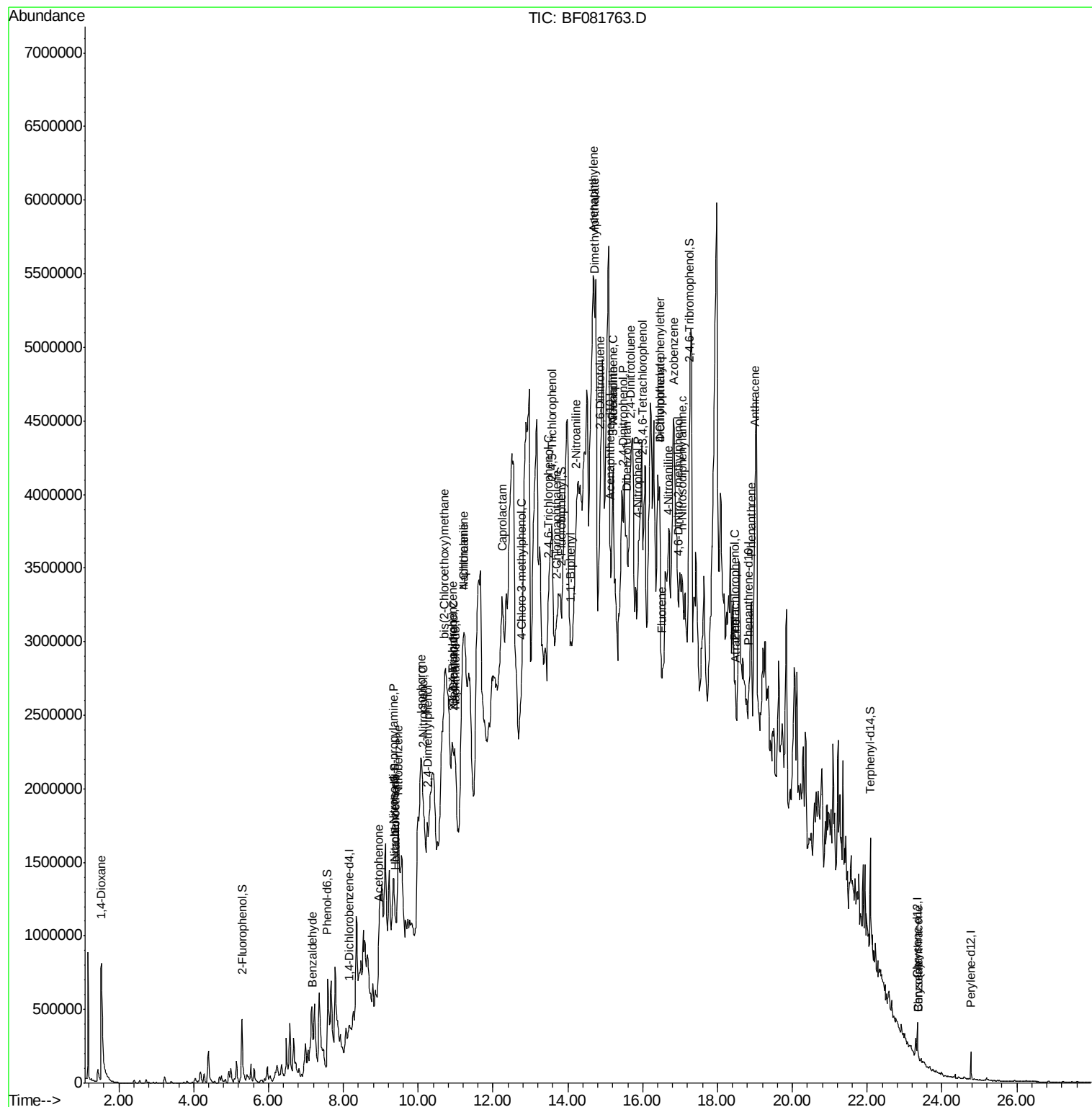
Quant Time: Sep 23 11:17:47 2015
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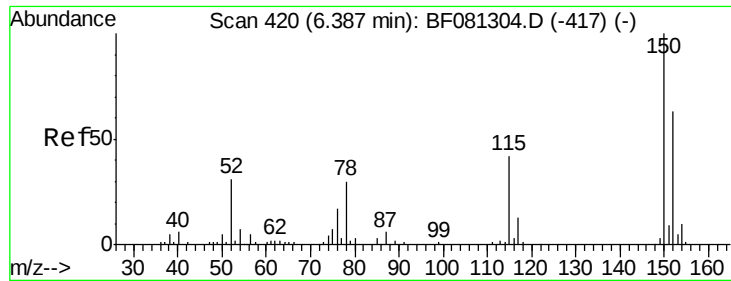
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Chlorophenyl-phenylether	16.46	204	37202	566.00	ng	# 1
61) 4-Nitroaniline	16.68	138	3785	98.32	ng	# 1
62) Azobenzene	16.84	77	23360	135.45	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.95	198	5891	9.03	ng	# 1
65) n-Nitrosodiphenylamine	17.04	169	182692	43.04	ng	# 54
68) Atrazine	18.49	200	13916	11.33	ng	# 26
69) Pentachlorophenol	18.46	266	206	9.05	ng	# 11
70) Phenanthrene	18.91	178	1029305	158.72	ng	# 92
71) Anthracene	19.01	178	78934	11.85	ng	# 18
80) Benzo(a)anthracene	23.36	228	16554	3.15	ng	# 63
82) Chrysene	23.36	228	16554	3.51	ng	# 65

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 618

Delta R.T. 0.01 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-2

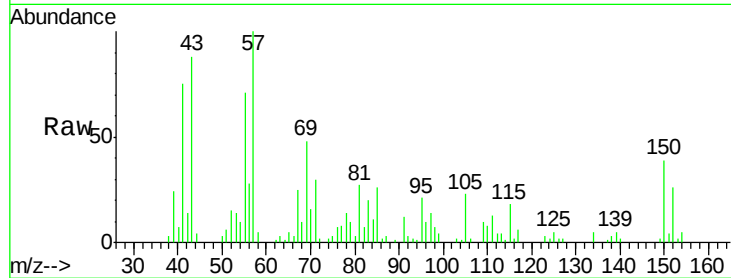
Tgt Ion:152 Resp: 39039

Ion Ratio Lower Upper

152 100

150 151.1 124.7 187.1

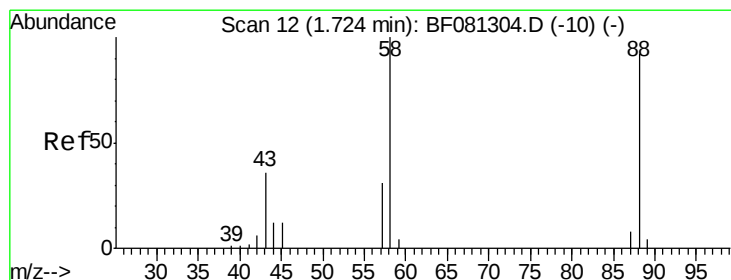
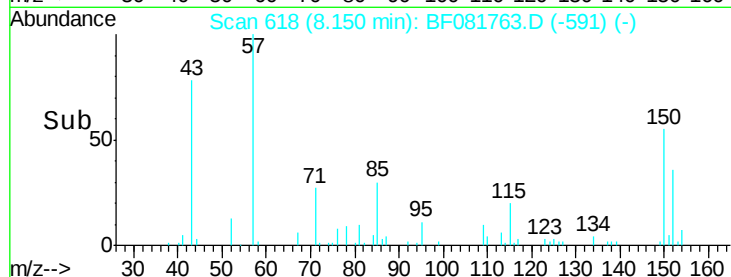
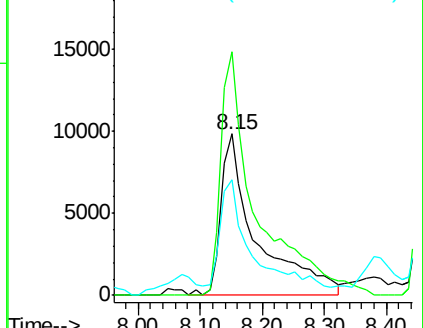
115 71.5 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 48.38 ng

RT: 1.53 min Scan# 39

Delta R.T. 0.02 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

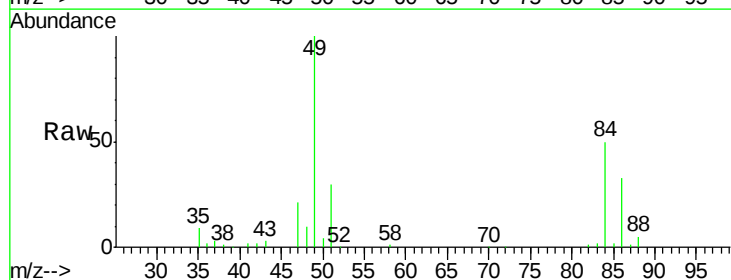
Tgt Ion: 88 Resp: 54675

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

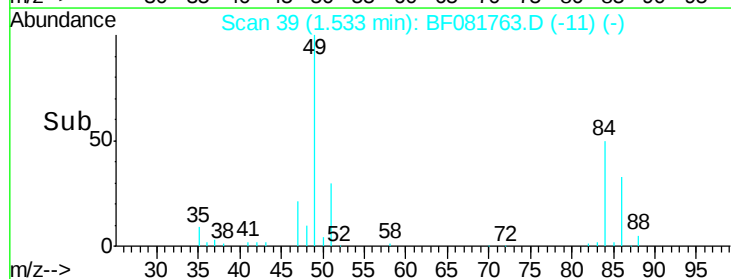
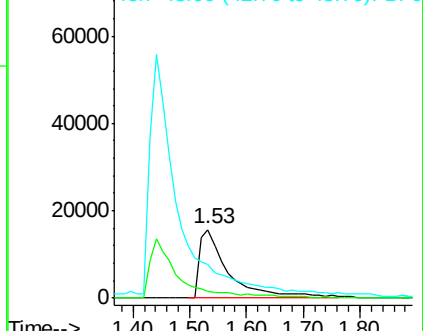
43 0.0 26.6 40.0#

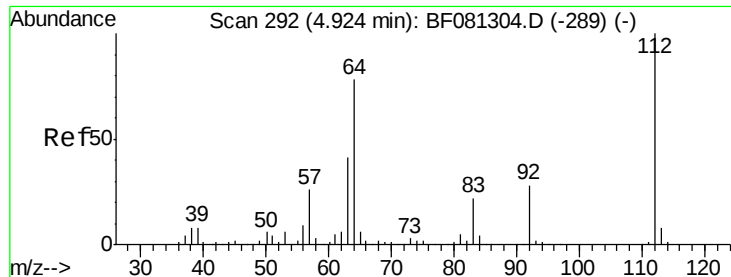


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 101.65 ng

RT: 5.29 min Scan# 368

Delta R.T. 0.01 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

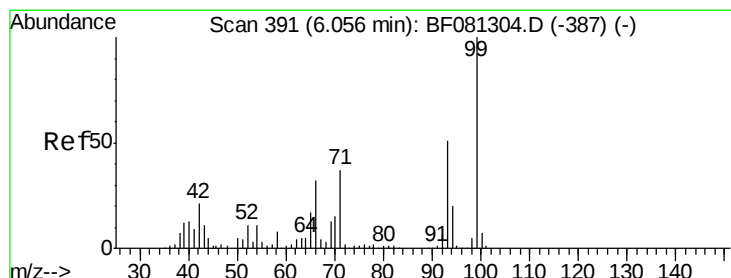
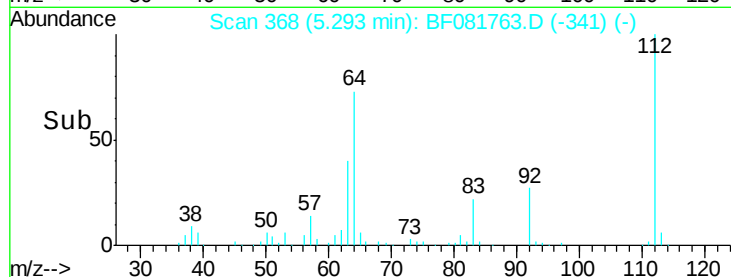
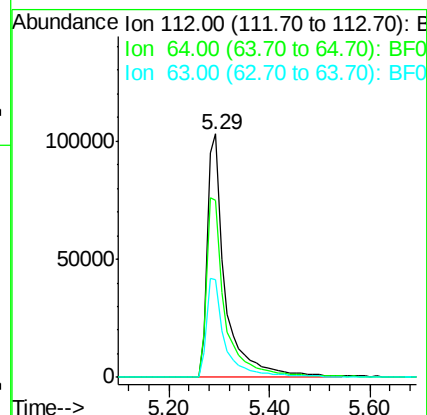
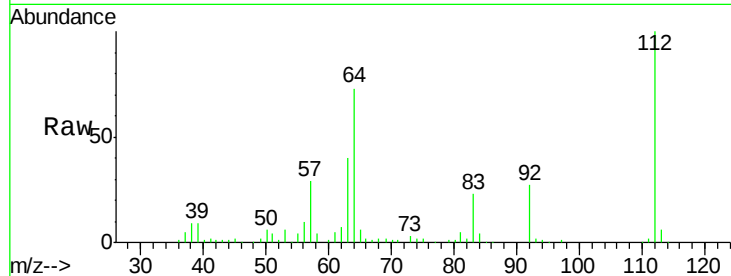
Instrument :

BNA_F

ClientSampleId :

TRENCH-1-2

Tgt Ion:	112	Resp:	255773
Ion Ratio	Lower	Upper	
112	100		
64	72.5	39.7	59.5#
63	40.1	17.4	26.0#



#7

Phenol-d6

Concen: 110.38 ng

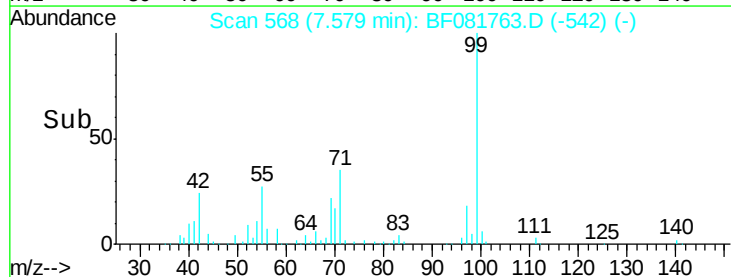
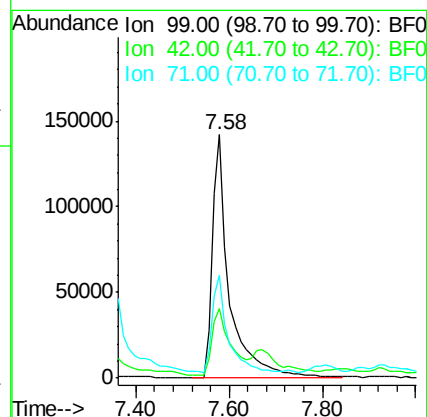
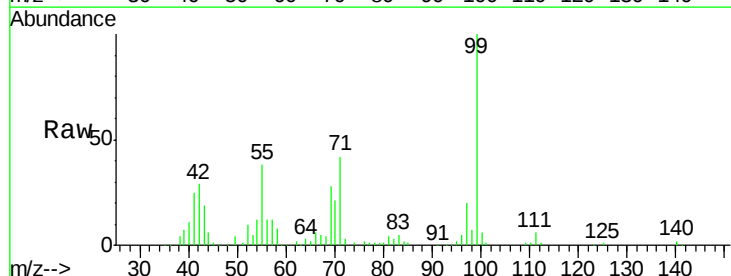
RT: 7.58 min Scan# 568

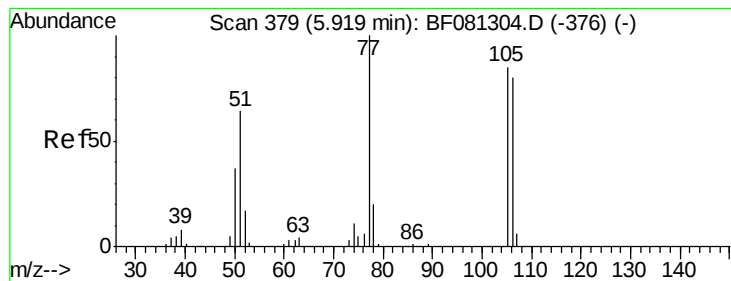
Delta R.T. 0.00 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

Tgt Ion:	99	Resp:	367642
Ion Ratio	Lower	Upper	
99	100		
42	28.8	13.7	20.5#
71	42.1	14.2	21.2#





#9

Benzaldehyde

Concen: 8.58 ng

RT: 7.18 min Scan# 533

Delta R.T. 0.01 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-2

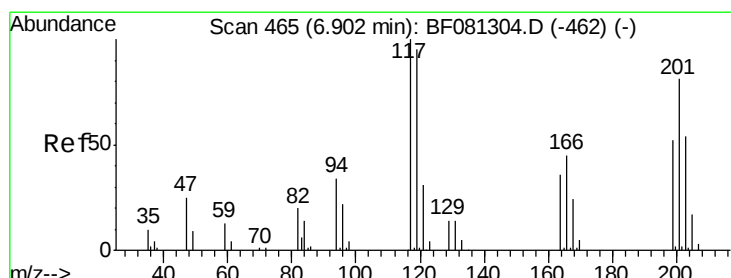
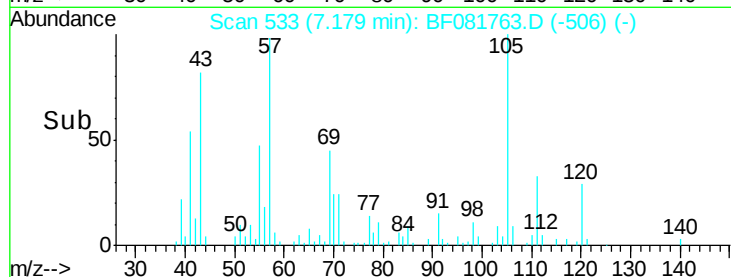
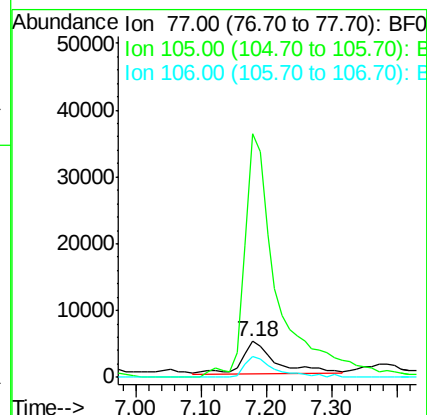
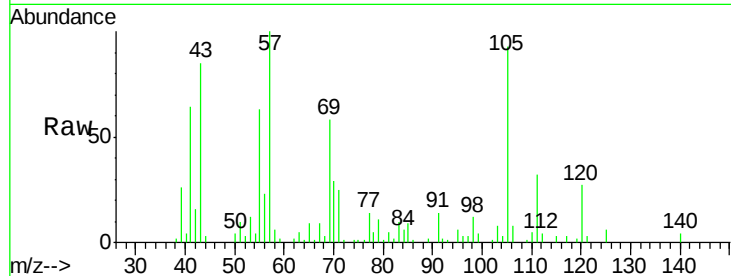
Tgt Ion: 77 Resp: 17912

Ion Ratio Lower Upper

77 100

105 677.0 91.6 131.6#

106 59.2 102.6 142.6#



#18

Hexachloroethane

Concen: 112.45 ng

RT: 9.38 min Scan# 726

Delta R.T. 0.16 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

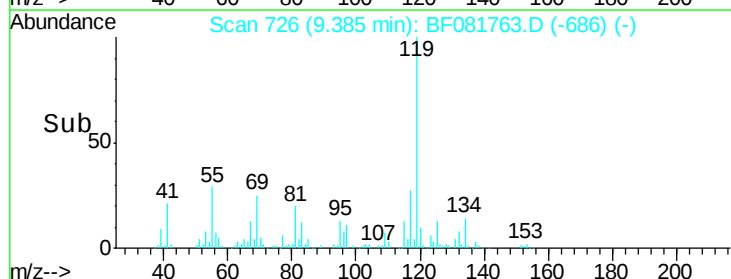
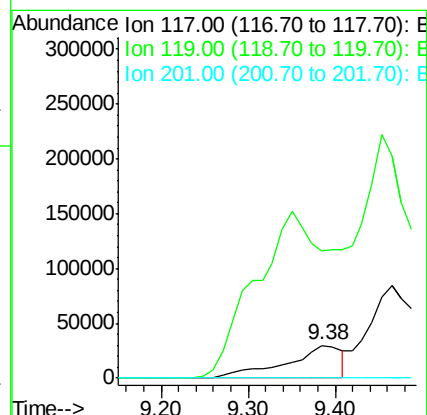
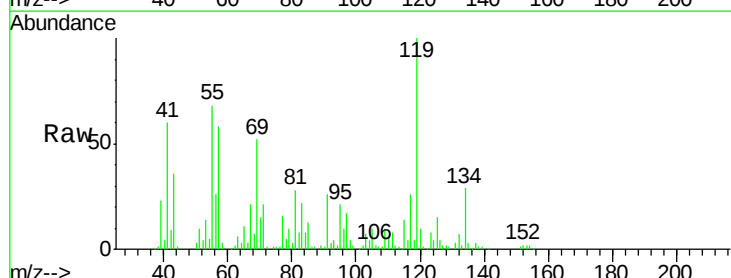
Tgt Ion: 117 Resp: 131964

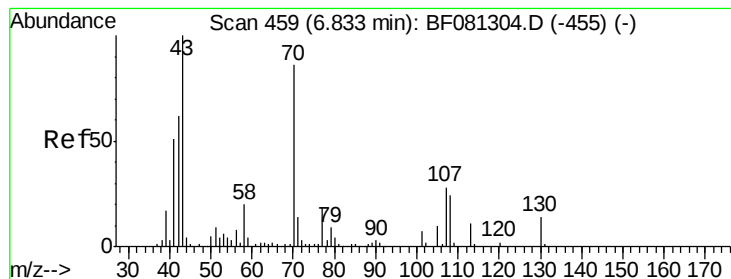
Ion Ratio Lower Upper

117 100

119 384.9 83.8 125.6#

201 0.0 55.1 82.7#





#19

n-Nitroso-di-n-propylamine

Concen: 7.15 ng

RT: 9.34 min Scan# 722

Delta R.T. 0.11 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-2

Tgt Ion: 70 Resp: 16212

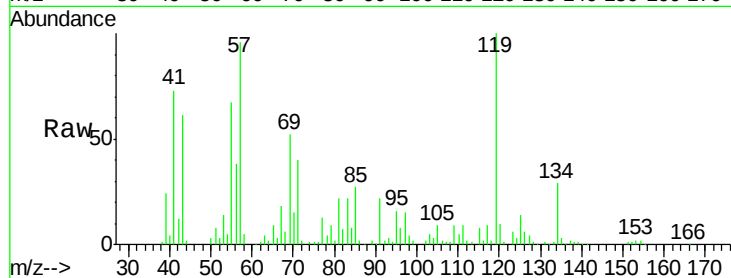
Ion Ratio Lower Upper

70 100

42 77.2 63.8 95.6

101 0.0 9.2 13.8#

130 0.0 27.3 40.9#



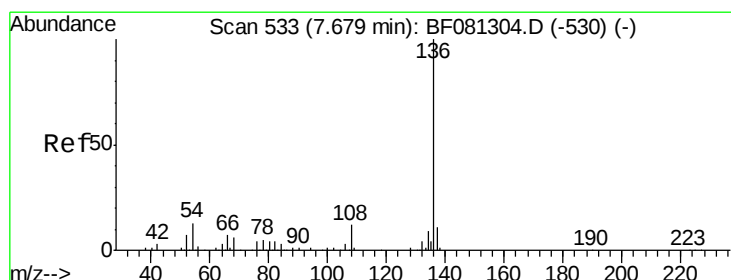
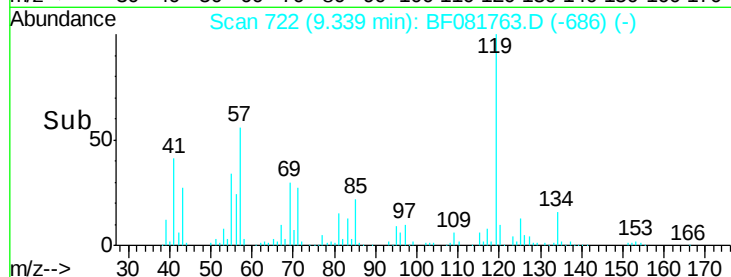
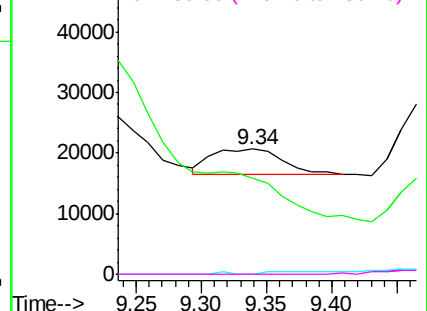
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 866

Delta R.T. -0.06 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

Tgt Ion: 136 Resp: 18795

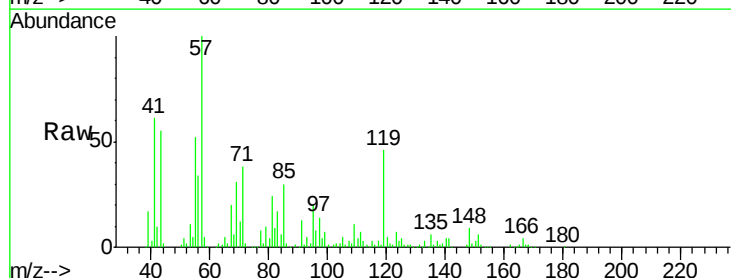
Ion Ratio Lower Upper

136 100

137 238.6 9.0 13.6#

54 430.8 8.2 12.2#

68 532.2 5.8 8.6#



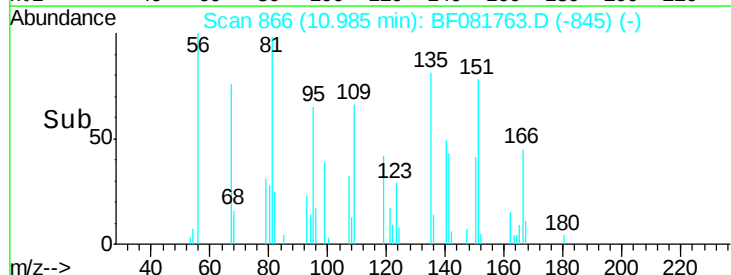
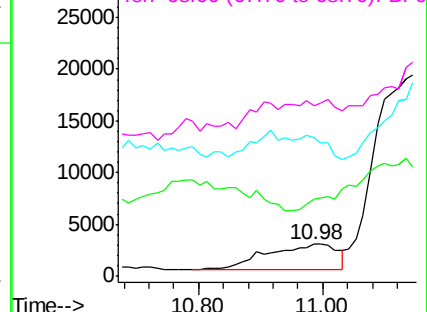
Abundance

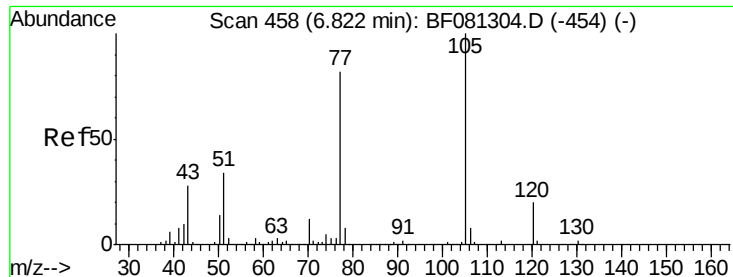
Ion 136.00 (135.70 to 136.70): E

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

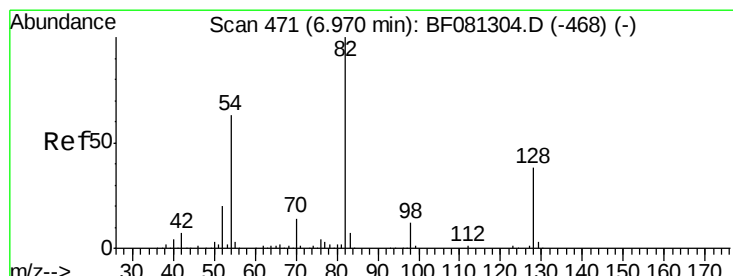
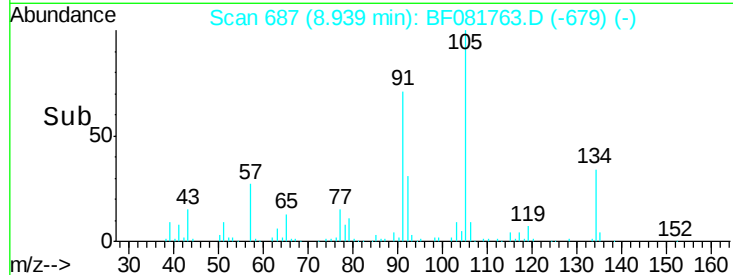
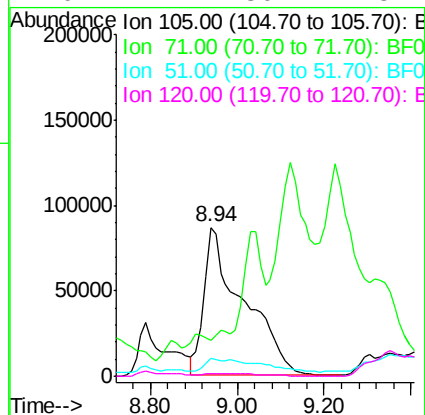
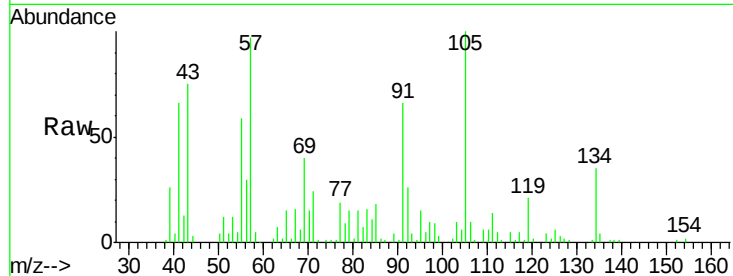




#22
Acetophenone
Concen: 1062.49 ng
RT: 8.94 min Scan# 687
Delta R.T. -0.21 min
Lab File: BF081763.D
Acq: 23 Sep 2015 9:29

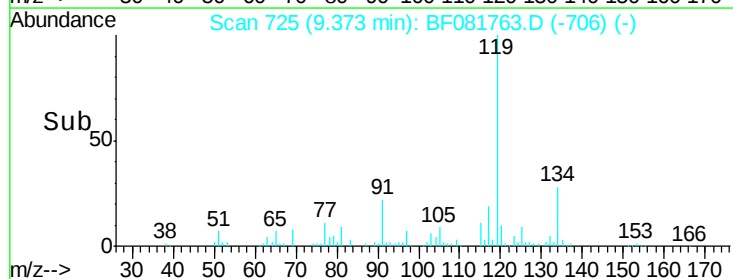
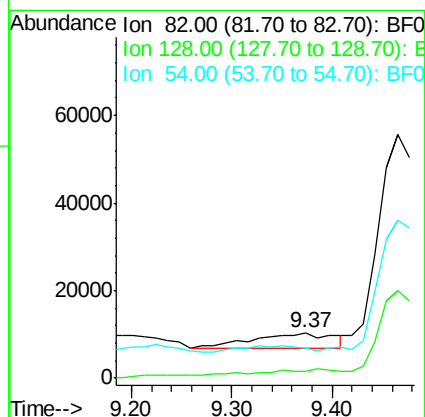
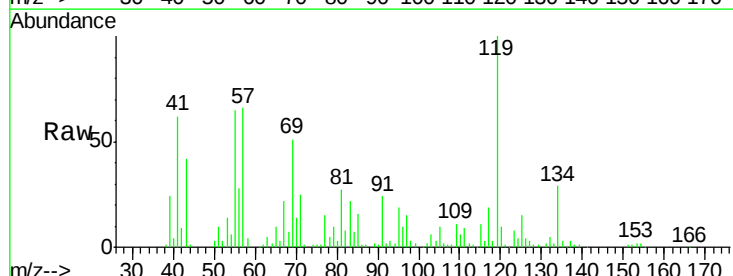
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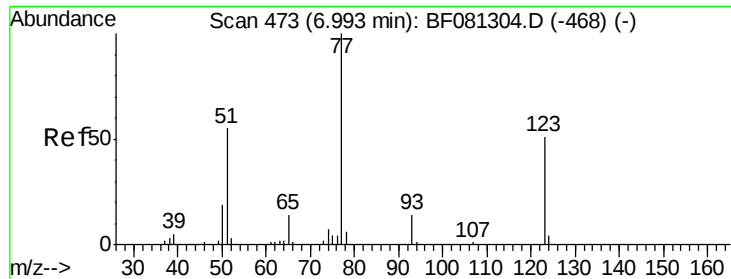
Tgt Ion: 105 Resp: 545441
Ion Ratio Lower Upper
105 100
71 23.9 4.7 7.1#
51 11.8 22.0 33.0#
120 2.2 30.1 45.1#



#23
Nitrobenzene-d5
Concen: 47.19 ng
RT: 9.37 min Scan# 725
Delta R.T. -0.08 min
Lab File: BF081763.D
Acq: 23 Sep 2015 9:29

Tgt Ion: 82 Resp: 18385
Ion Ratio Lower Upper
82 100
128 15.4 51.0 76.6#
54 65.9 47.5 71.3





#24

Nitrobenzene

Concen: 449.56 ng

RT: 9.45 min Scan# 732

Delta R.T. -0.05 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-2

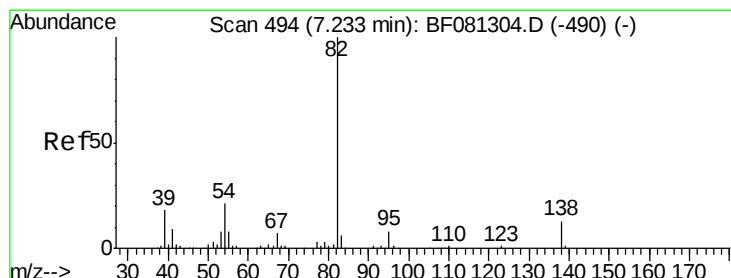
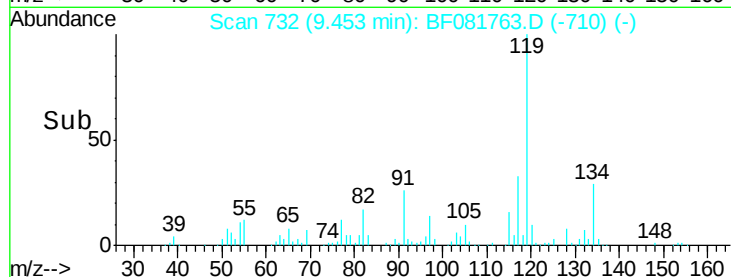
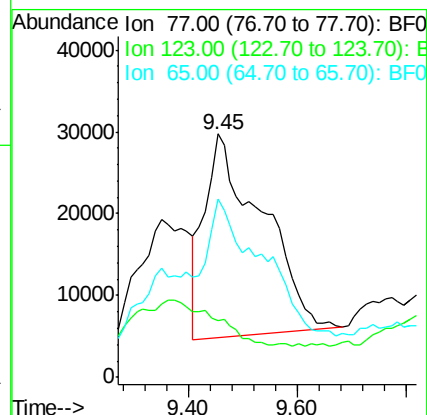
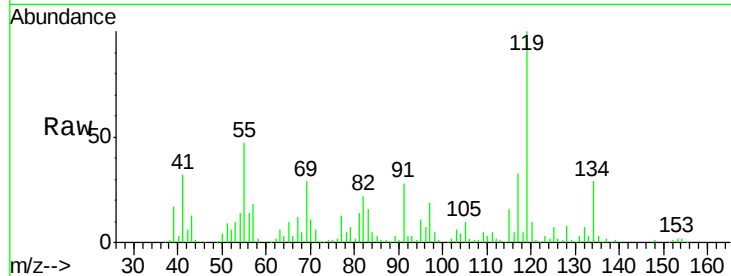
Tgt Ion: 77 Resp: 181866

Ion Ratio Lower Upper

77 100

123 23.4 59.8 89.8#

65 73.2 10.2 15.4#



#25

Isophorone

Concen: 134.52 ng

RT: 10.07 min Scan# 786

Delta R.T. -0.02 min

Lab File: BF081763.D

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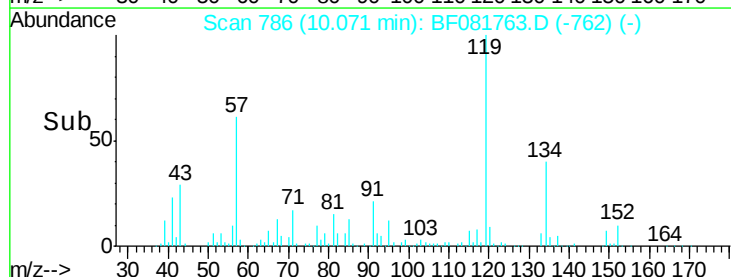
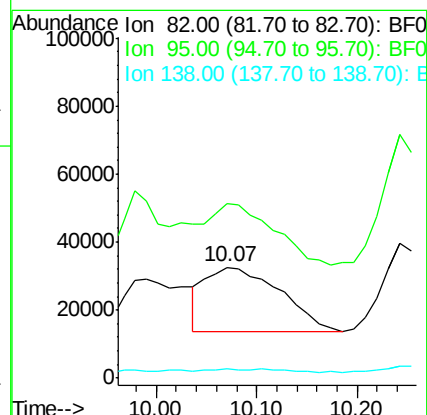
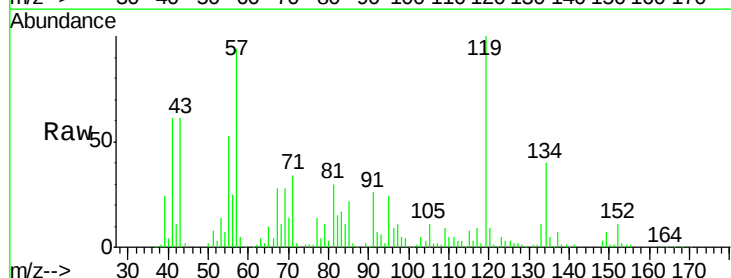
Tgt Ion: 82 Resp: 97470

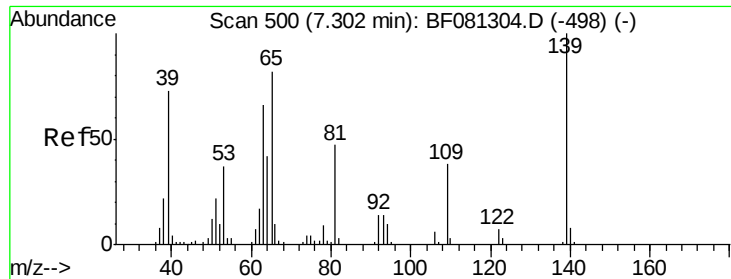
Ion Ratio Lower Upper

82 100

95 157.2 4.0 6.0#

138 8.0 18.3 27.5#

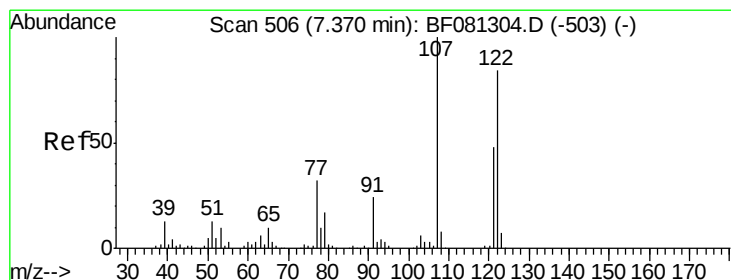
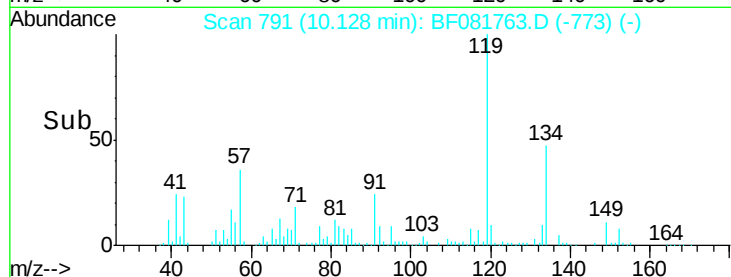
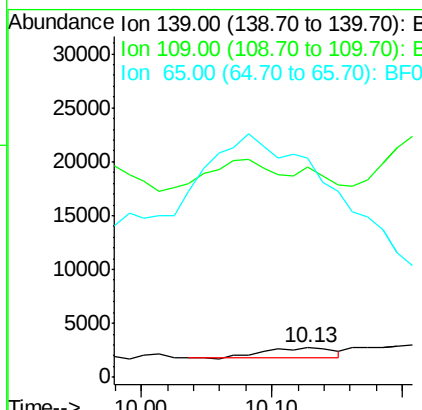
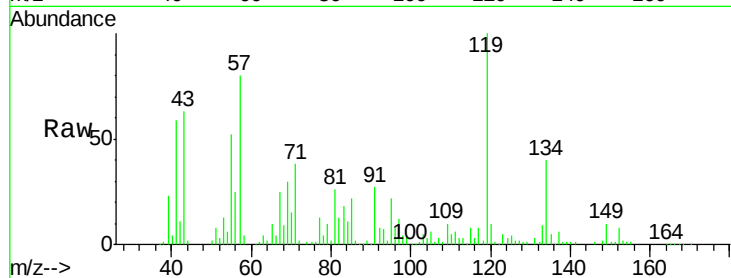




#26
 2-Nitrophenol
 Concen: 20.59 ng
 RT: 10.13 min Scan# 791
 Delta R.T. -0.09 min
 Lab File: BF081763.D
 Acq: 23 Sep 2015 9:29

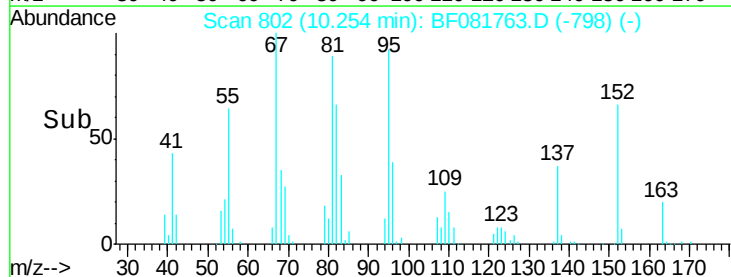
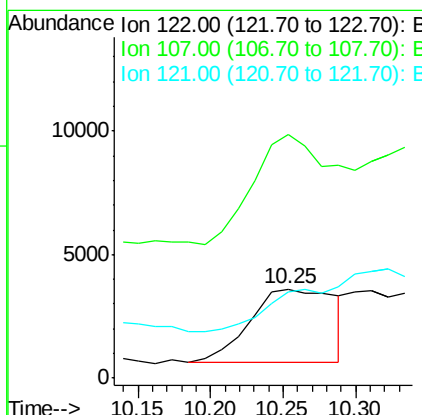
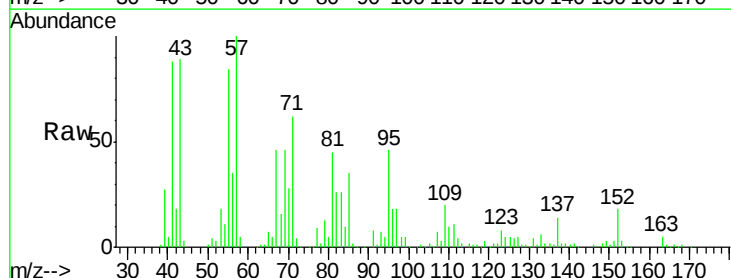
Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-2

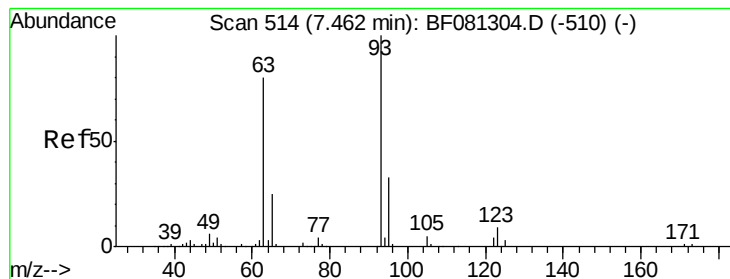
Tgt Ion:139 Resp: 3631
 Ion Ratio Lower Upper
 139 100
 109 718.0 11.0 16.4#
 65 748.9 24.7 37.1#



#27
 2,4-Dimethylphenol
 Concen: 40.54 ng
 RT: 10.25 min Scan# 802
 Delta R.T. -0.25 min
 Lab File: BF081763.D
 Acq: 23 Sep 2015 9:29

Tgt Ion:122 Resp: 12347
 Ion Ratio Lower Upper
 122 100
 107 274.1 71.8 107.6#
 121 96.3 42.3 63.5#





#28

bis(2-Chloroethoxy)methane

Concen: 108.50 ng

RT: 10.70 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-2

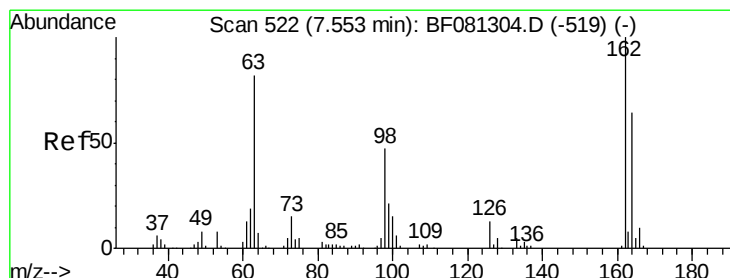
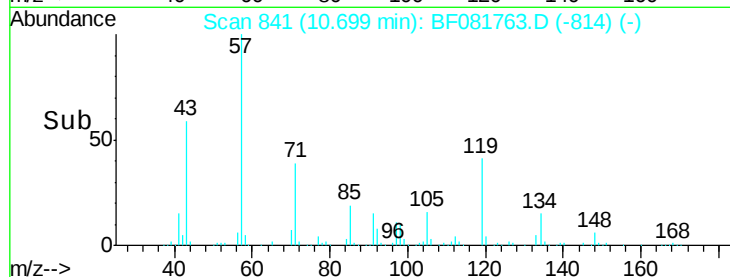
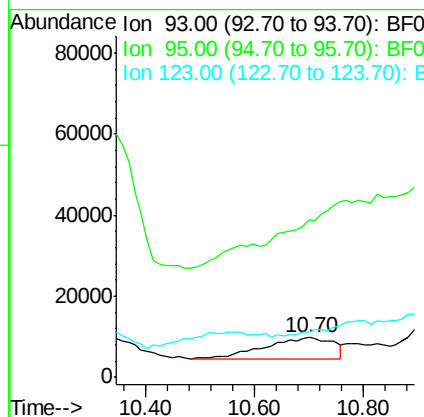
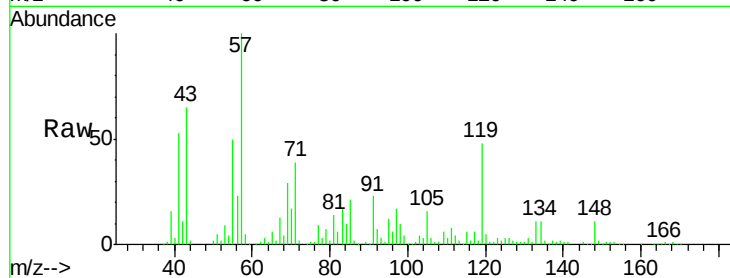
Tgt Ion: 93 Resp: 45410

Ion Ratio Lower Upper

93 100

95 398.6 27.5 41.3#

123 113.1 13.7 20.5#



#29

2,4-Dichlorophenol

Concen: 76.34 ng

RT: 10.95 min Scan# 863

Delta R.T. 0.11 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

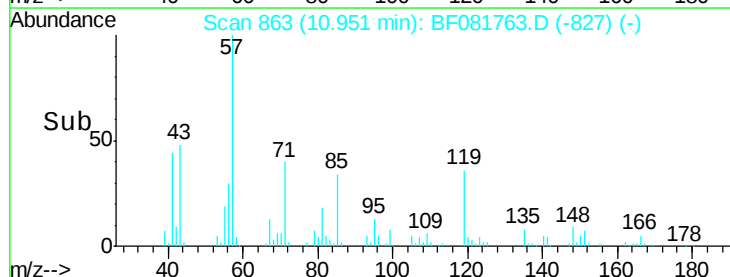
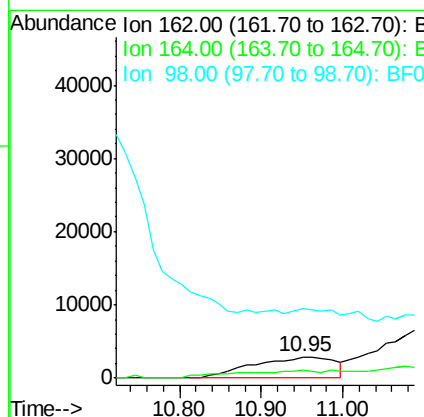
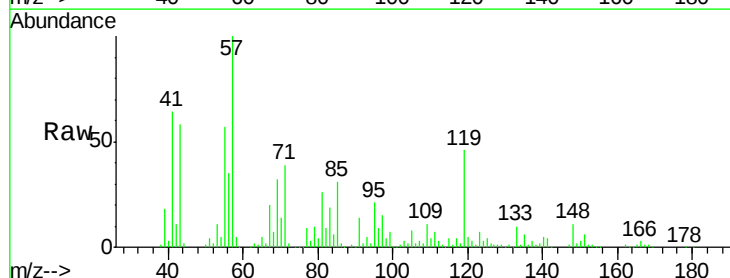
Tgt Ion: 162 Resp: 20159

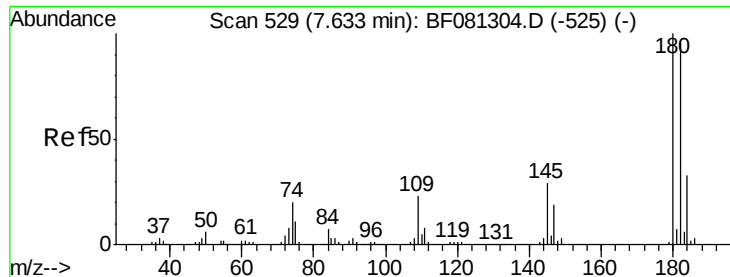
Ion Ratio Lower Upper

162 100

164 35.9 44.9 84.9#

98 322.0 13.0 53.0#

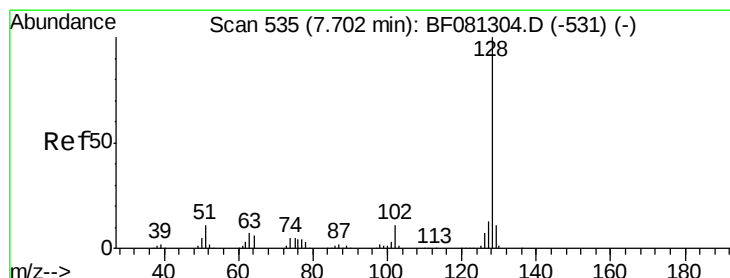
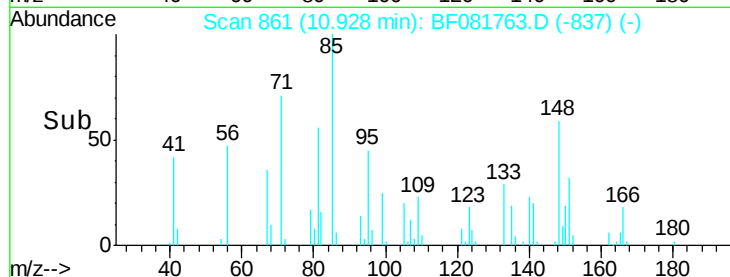
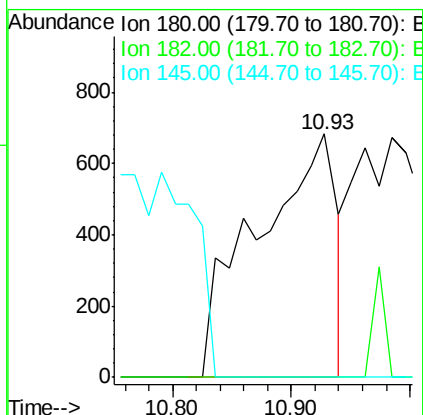
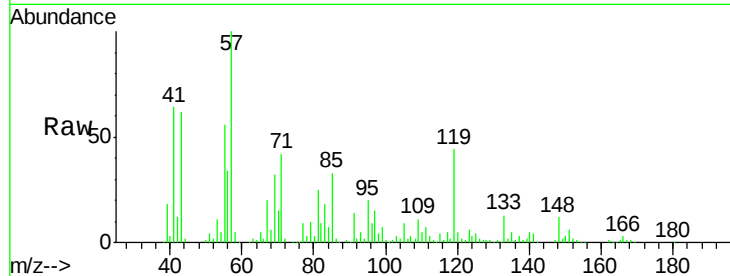




#30
 1,2,4-Trichlorobenzene
 Concen: 11.05 ng
 RT: 10.93 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: BF081763.D
 Acq: 23 Sep 2015 9:29

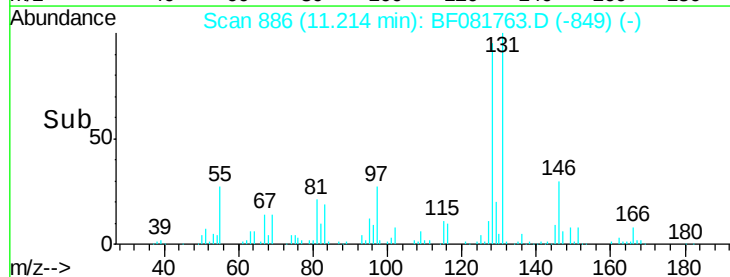
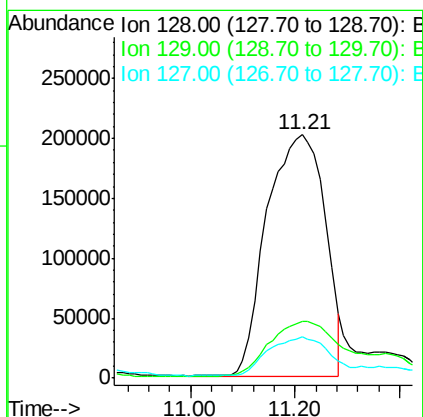
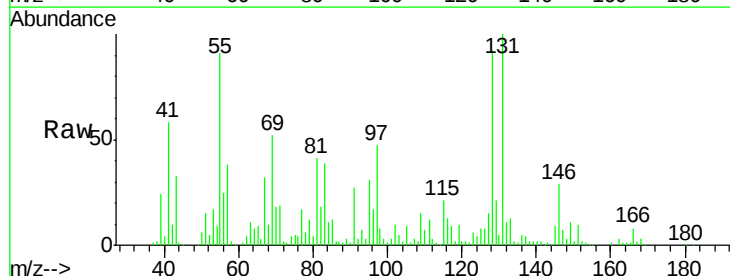
Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-2

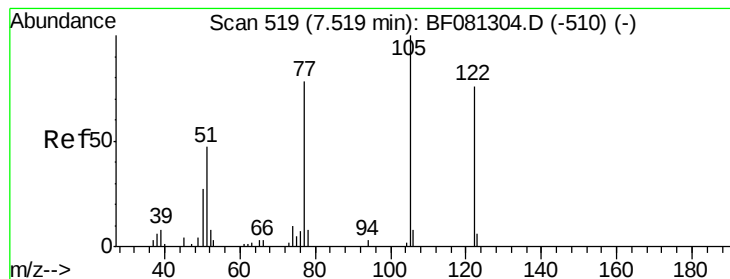
Tgt Ion:180 Resp: 3171
 Ion Ratio Lower Upper
 180 100
 182 0.0 77.1 115.7#
 145 0.0 23.3 34.9#



#31
 Naphthalene
 Concen: 1552.72 ng
 RT: 11.21 min Scan# 886
 Delta R.T. 0.13 min
 Lab File: BF081763.D
 Acq: 23 Sep 2015 9:29

Tgt Ion:128 Resp: 1556384
 Ion Ratio Lower Upper
 128 100
 129 23.3 8.4 12.6#
 127 16.8 9.9 14.9#





#32

Benzoic acid

Concen: 26.52 ng

RT: 10.94 min Scan# 862

Delta R.T. -0.14 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-2

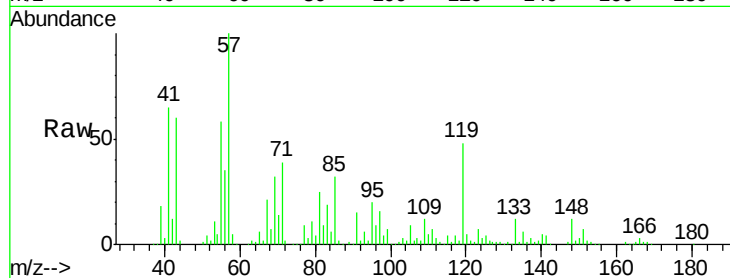
Tgt Ion:122 Resp: 5506

Ion Ratio Lower Upper

122 100

105 619.2 76.1 116.1#

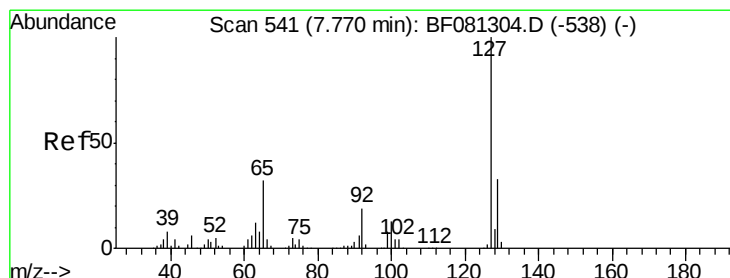
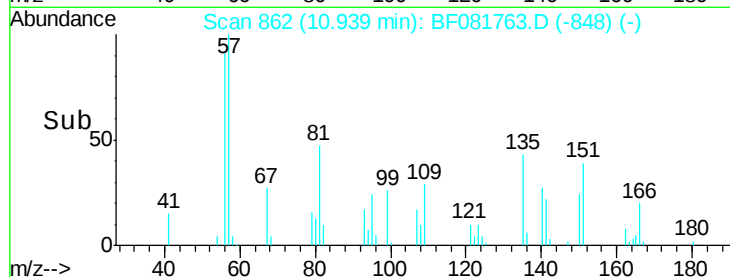
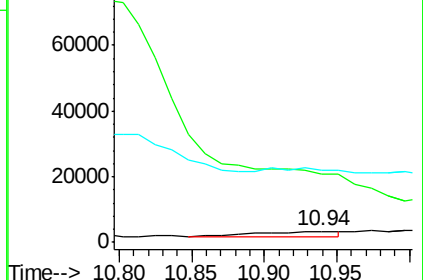
77 643.0 40.5 80.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 651.06 ng

RT: 11.21 min Scan# 886

Delta R.T. -0.13 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

Tgt Ion:127 Resp: 266180

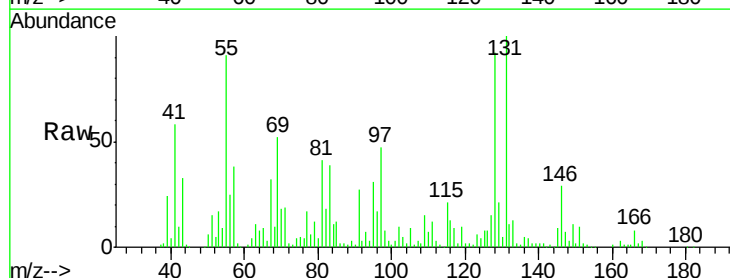
Ion Ratio Lower Upper

127 100

129 138.8 25.8 38.6#

65 60.8 17.9 26.9#

92 18.4 10.5 15.7#

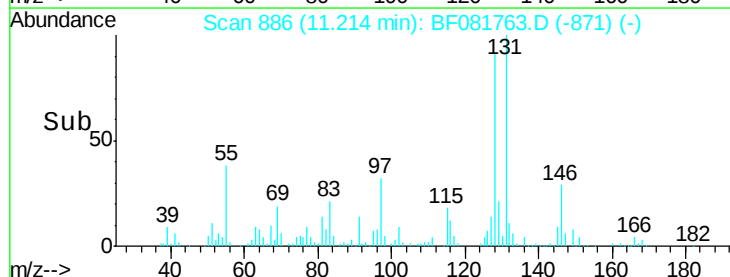
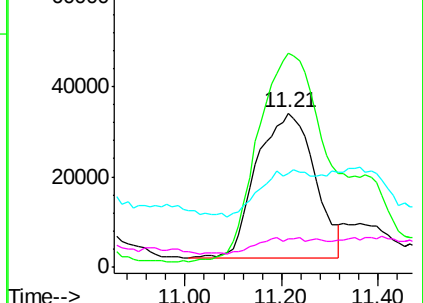


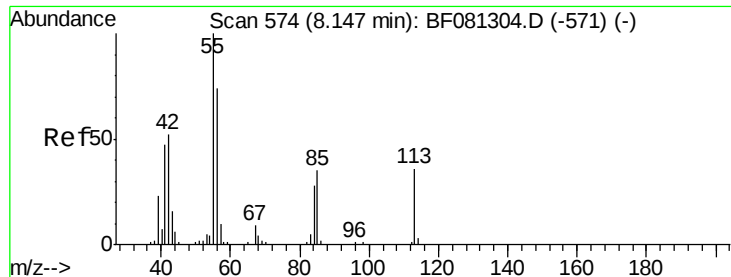
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#35

Caprolactam

Concen: 614.44 ng

RT: 12.24 min Scan# 976

Delta R.T. -0.08 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-2

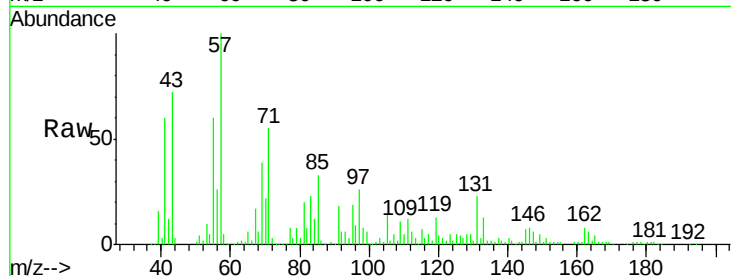
Tgt Ion:113 Resp: 49766

Ion Ratio Lower Upper

113 100

55 2061.8 152.4 192.4#

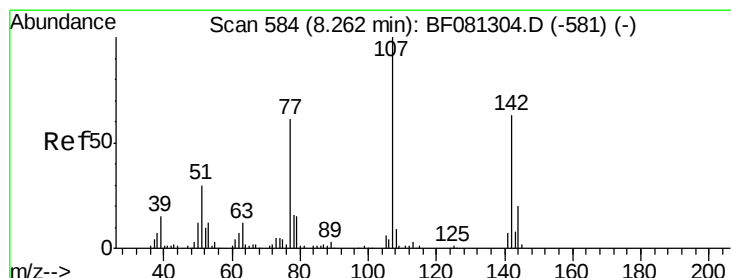
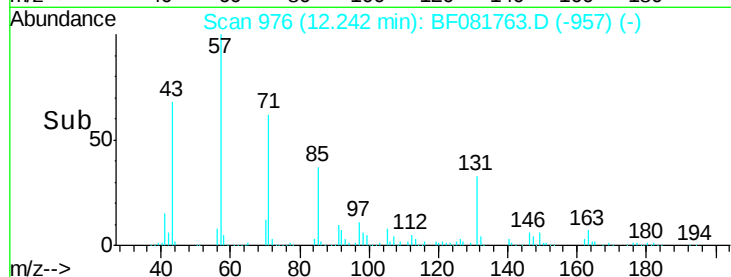
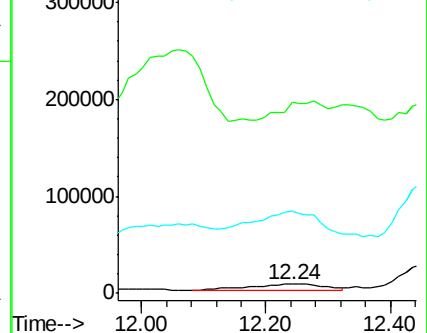
56 889.3 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 183.84 ng

RT: 12.76 min Scan# 1021

Delta R.T. 0.09 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

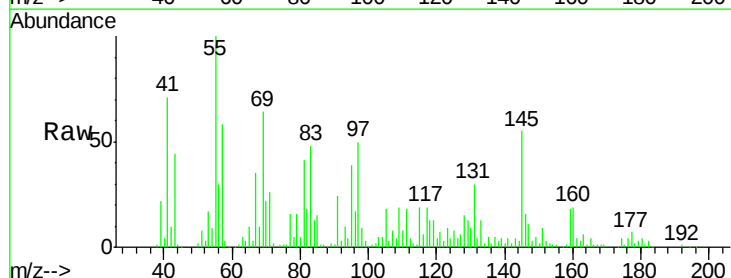
Tgt Ion:107 Resp: 54342

Ion Ratio Lower Upper

107 100

144 41.7 25.4 38.0#

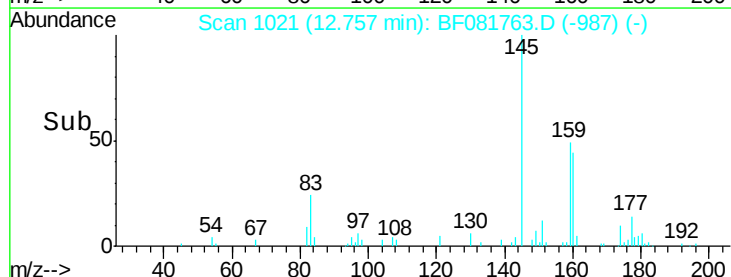
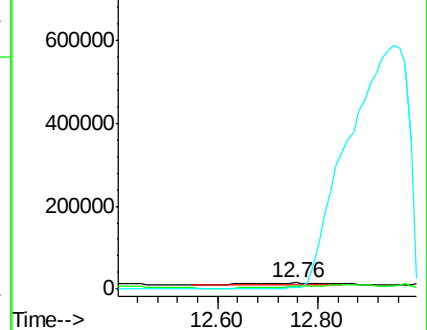
142 19.3 77.3 115.9#

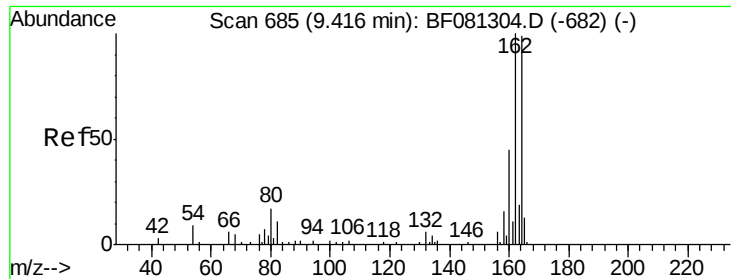


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.12 min Scan# 1228

Delta R.T. -0.05 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-2

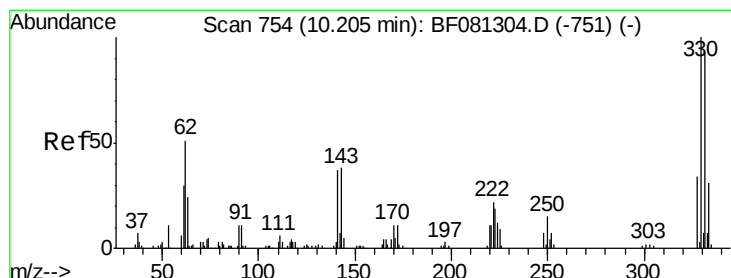
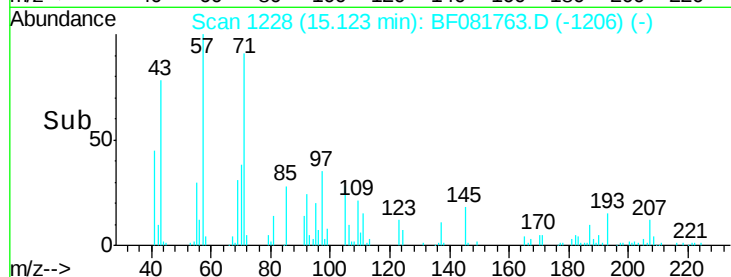
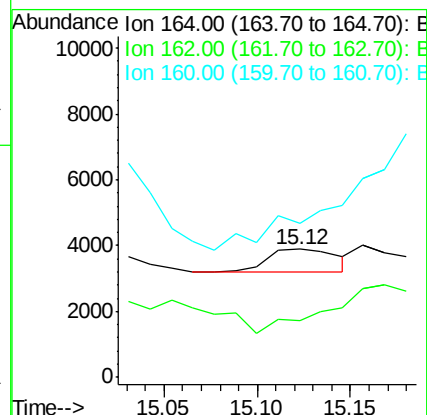
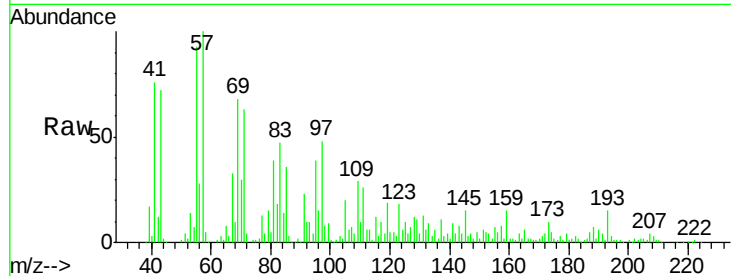
Tgt Ion:164 Resp: 1898

Ion Ratio Lower Upper

164 100

162 44.7 75.2 112.8#

160 119.8 31.5 47.3#



#41

2,4,6-Tribromophenol

Concen: 3281.57 ng

RT: 17.26 min Scan# 1415

Delta R.T. 0.18 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

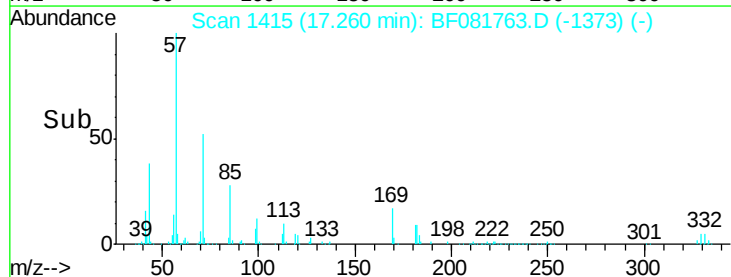
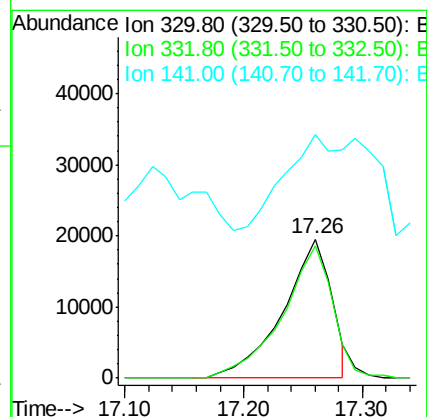
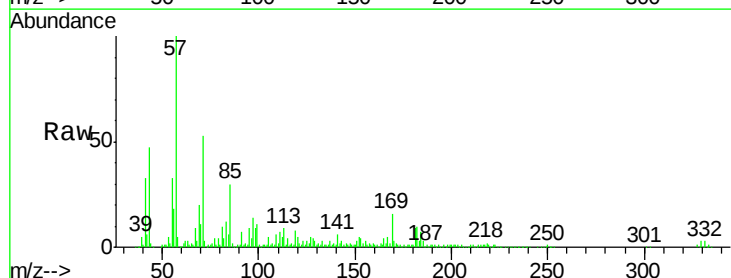
Tgt Ion:330 Resp: 55458

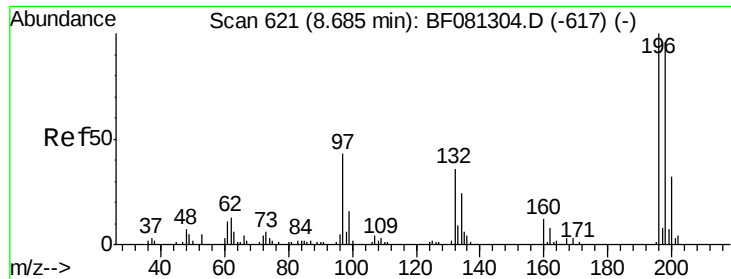
Ion Ratio Lower Upper

330 100

332 96.5 76.6 114.8

141 65.2 29.7 44.5#

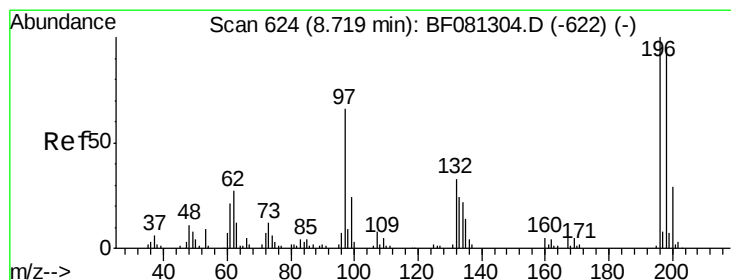
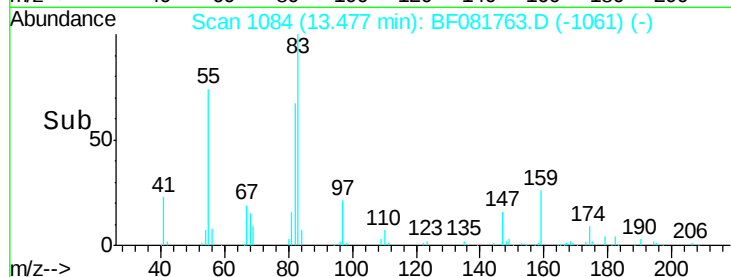
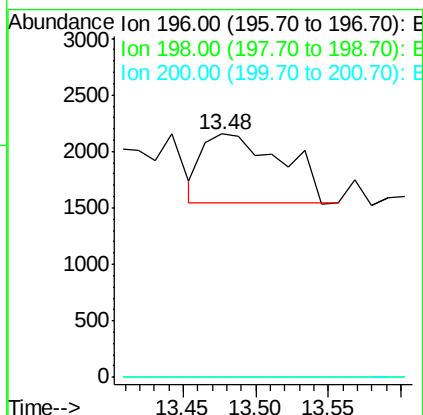
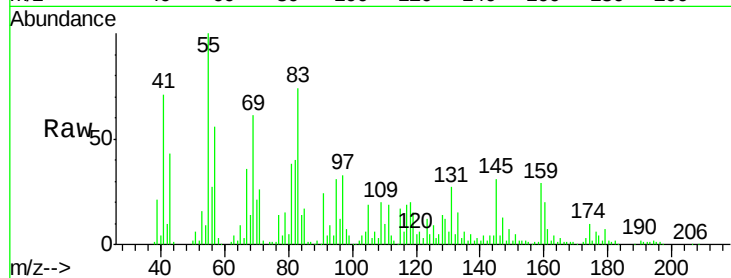




#42
 2,4,6-Trichlorophenol
 Concen: 55.16 ng
 RT: 13.48 min Scan# 1084
 Delta R.T. -0.03 min
 Lab File: BF081763.D
 Acq: 23 Sep 2015 9:29

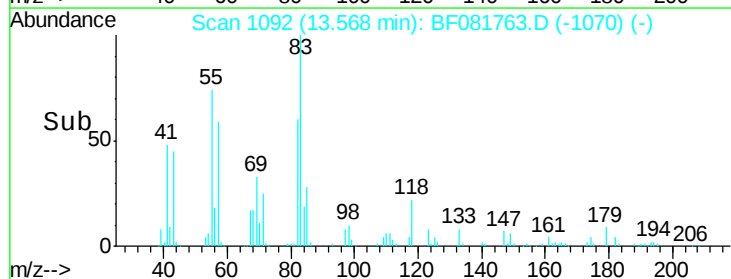
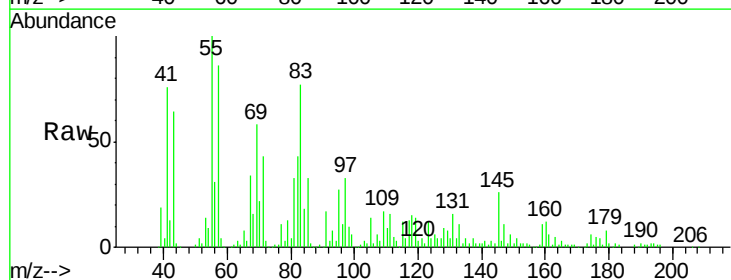
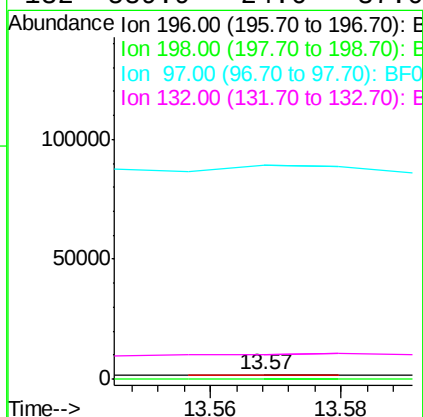
Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-2

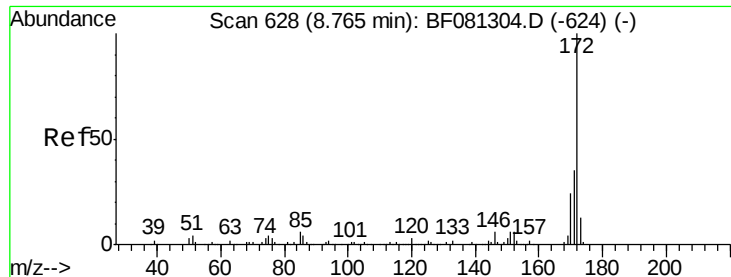
Tgt Ion:196 Resp: 2285
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.7 113.5#
 200 0.0 23.9 35.9#



#43
 2,4,5-Trichlorophenol
 Concen: 3.64 ng
 RT: 13.57 min Scan# 1092
 Delta R.T. -0.05 min
 Lab File: BF081763.D
 Acq: 23 Sep 2015 9:29

Tgt Ion:196 Resp: 154
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.4 113.0#
 97 5093.0 33.3 49.9#
 132 589.9 24.6 37.0#





#44

2-Fluorobiphenyl

Concen: 2609.55 ng

RT: 13.82 min Scan# 1114

Delta R.T. 0.13 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-2

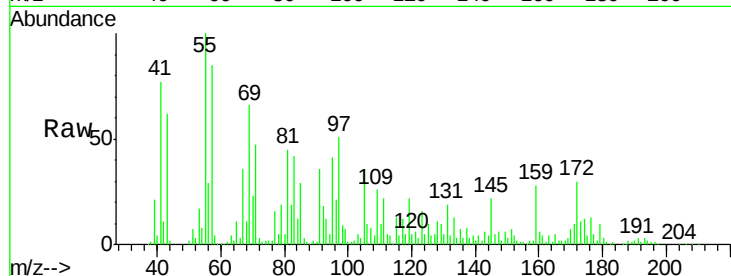
Tgt Ion:172 Resp: 386499

Ion Ratio Lower Upper

172 100

171 35.1 26.1 39.1

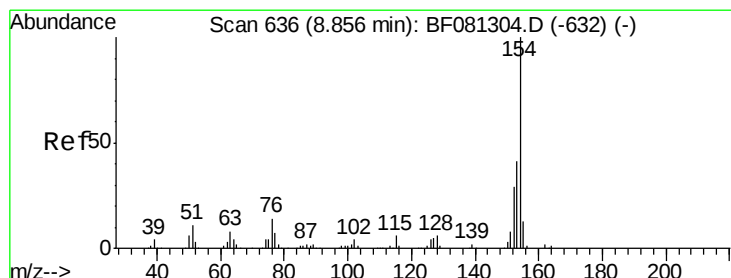
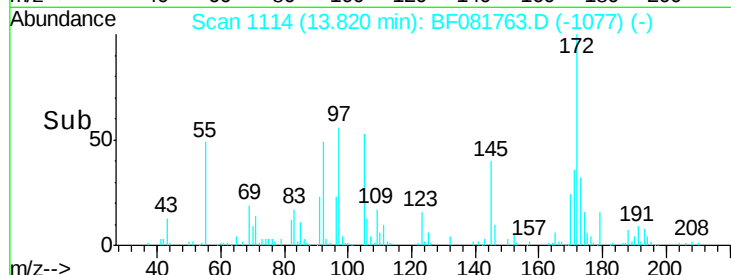
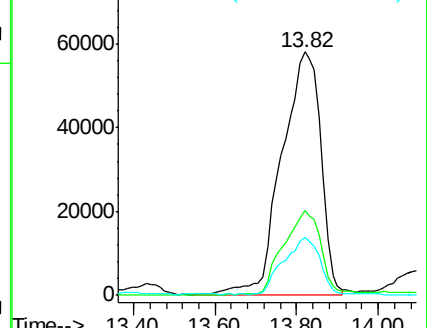
170 23.8 17.4 26.2



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: 5479.80 ng

RT: 14.07 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

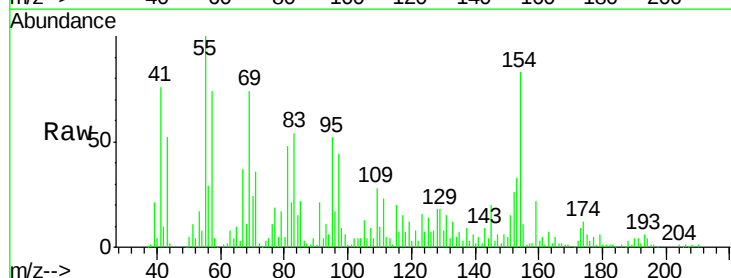
Tgt Ion:154 Resp: 956869

Ion Ratio Lower Upper

154 100

153 39.8 17.1 57.1

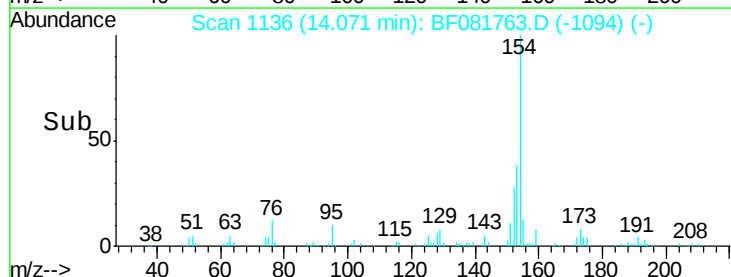
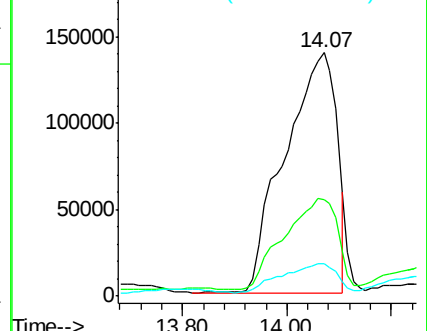
76 13.1 0.0 31.6

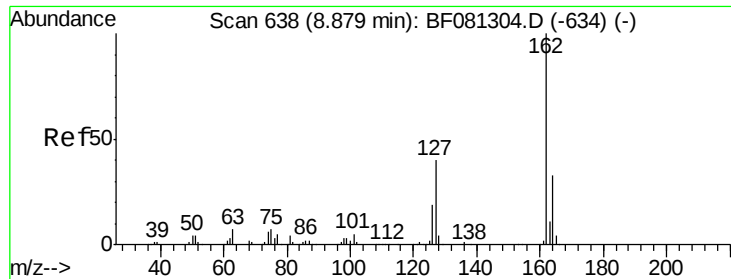


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

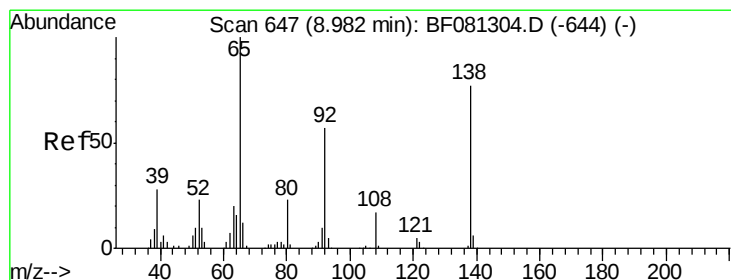
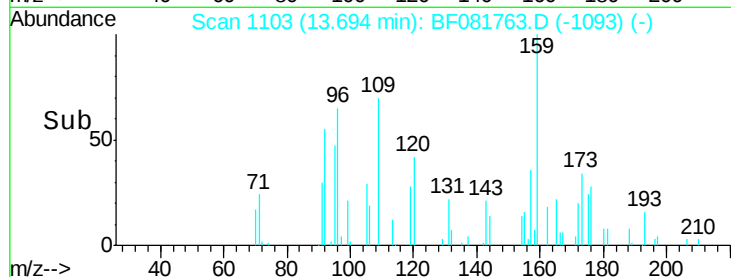
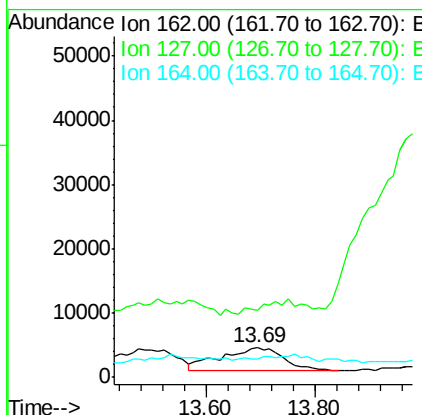
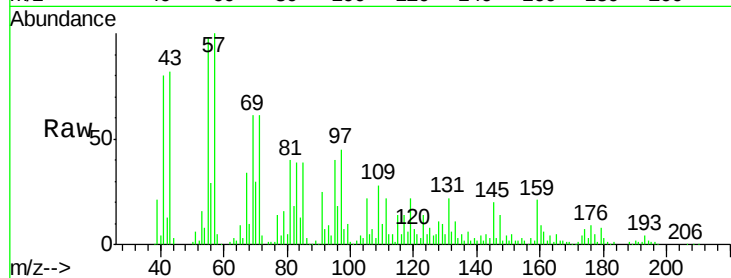




#46
2-Chloronaphthalene
Concen: 221.43 ng
RT: 13.69 min Scan# 1103
Delta R.T. -0.18 min
Lab File: BF081763.D
Acq: 23 Sep 2015 9:29

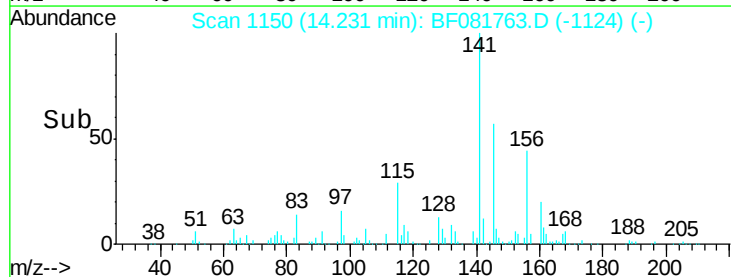
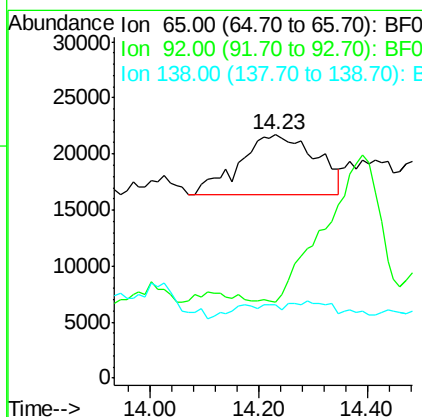
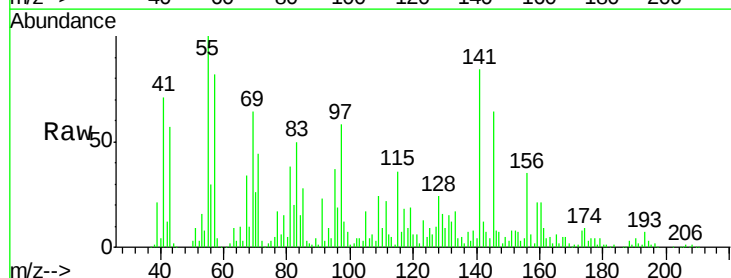
Instrument :
BNA_F
ClientSampleId :
TRENCH-1-2

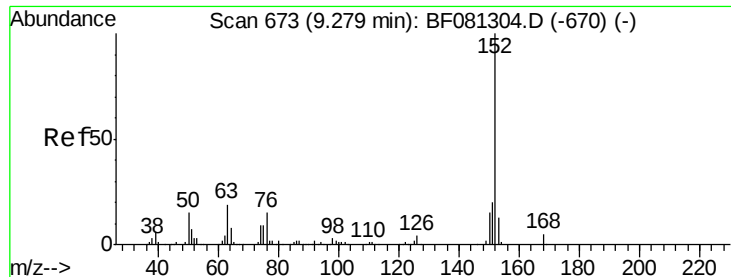
Tgt Ion: 162 Resp: 27923
Ion Ratio Lower Upper
162 100
127 227.0 27.6 41.4#
164 61.9 25.4 38.2#



#47
2-Nitroaniline
Concen: 1023.41 ng
RT: 14.23 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF081763.D
Acq: 23 Sep 2015 9:29

Tgt Ion: 65 Resp: 52597
Ion Ratio Lower Upper
65 100
92 31.3 55.4 83.0#
138 30.2 115.5 173.3#





#48

Acenaphthylene

Concen: 2724.22 ng

RT: 14.69 min Scan# 1190

Delta R.T. -0.14 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-2

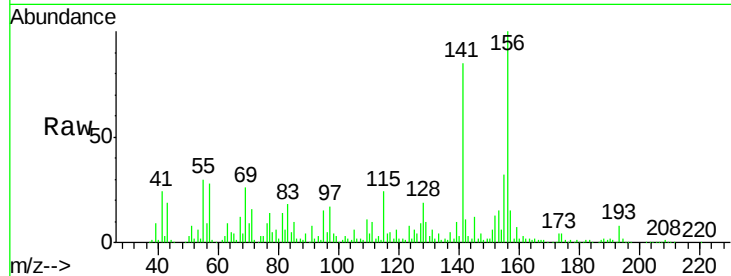
Tgt Ion:152 Resp: 609445

Ion Ratio Lower Upper

152 100

151 41.2 14.6 22.0#

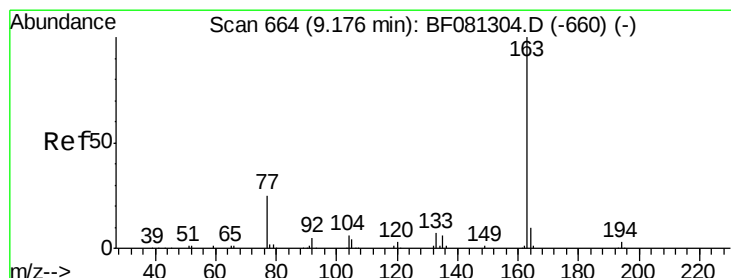
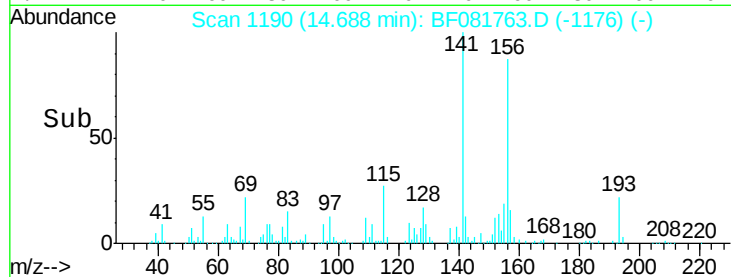
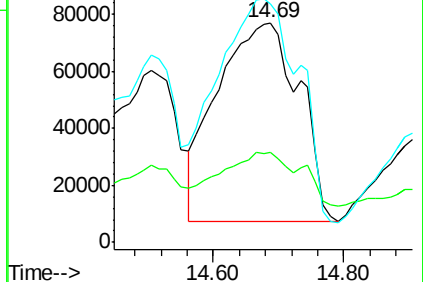
153 108.3 10.3 15.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 22.91 ng

RT: 14.72 min Scan# 1193

Delta R.T. -0.06 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

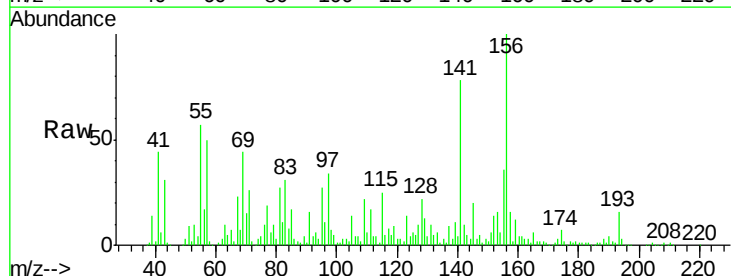
Tgt Ion:163 Resp: 3378

Ion Ratio Lower Upper

163 100

194 118.8 4.4 6.6#

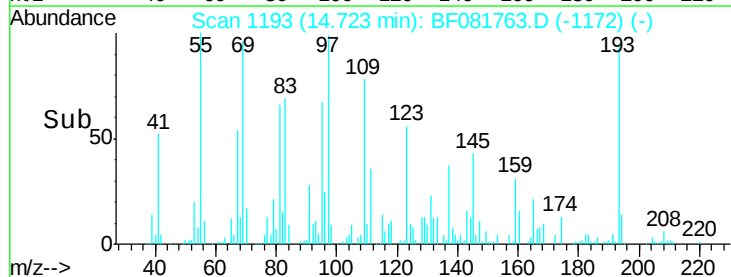
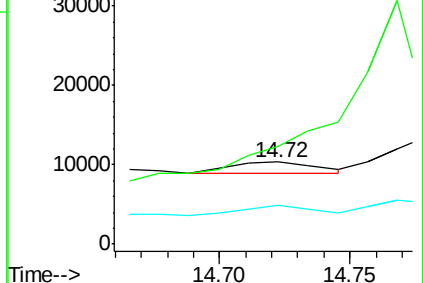
164 47.1 8.3 12.5#

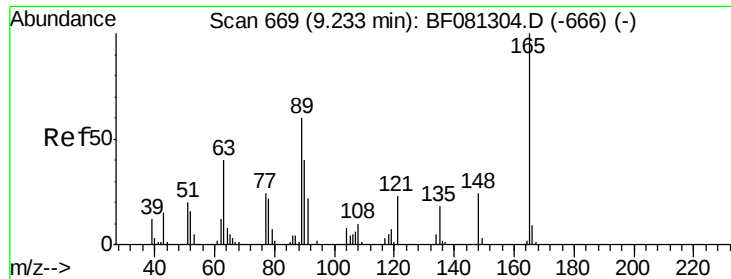


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

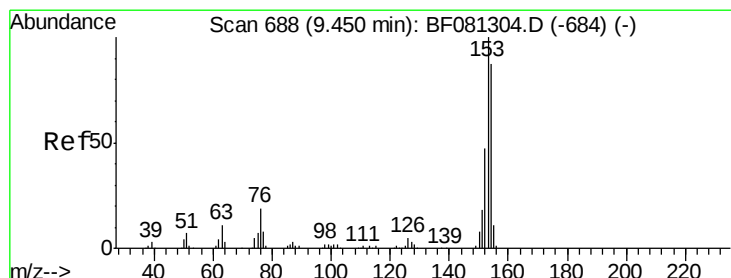
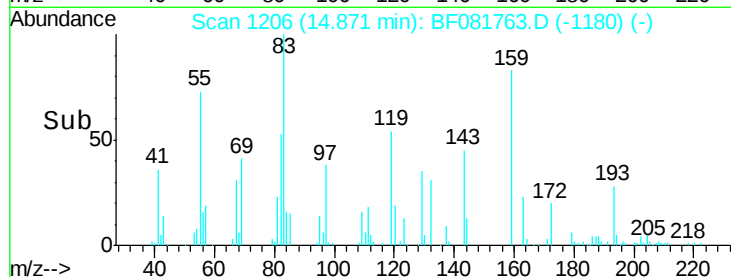
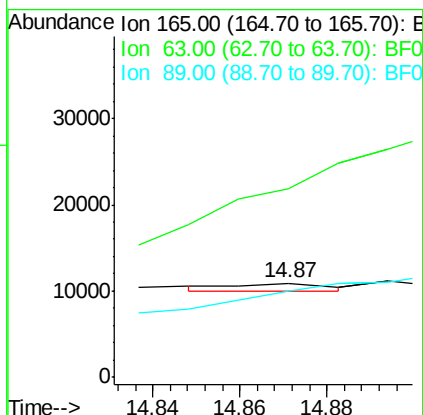
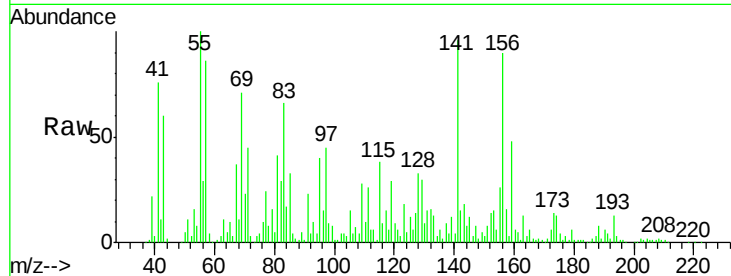




#50
2,6-Dinitrotoluene
Concen: 44.55 ng
RT: 14.87 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF081763.D
Acq: 23 Sep 2015 9:29

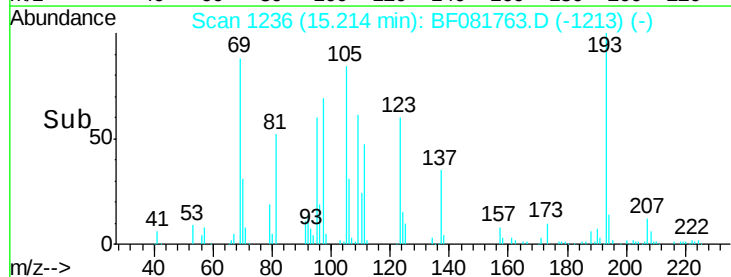
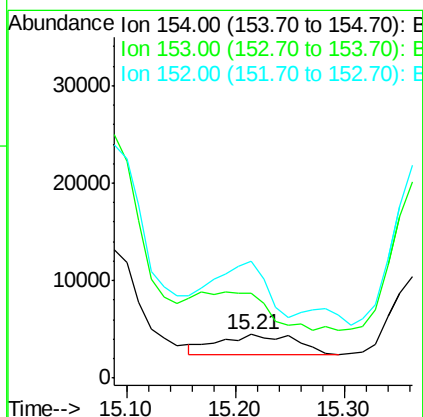
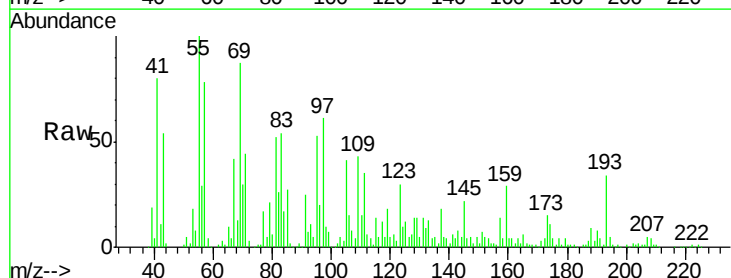
Instrument :
BNA_F
ClientSampleId :
TRENCH-1-2

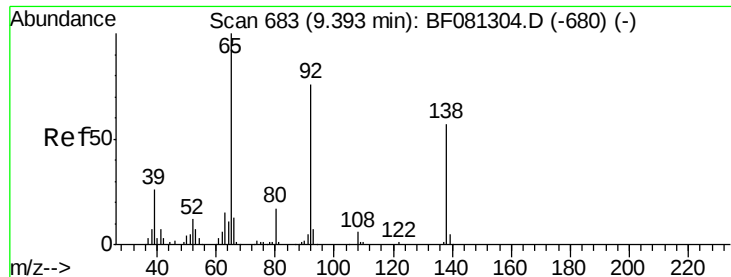
Tgt Ion:165 Resp: 1491
Ion Ratio Lower Upper
165 100
63 200.0 32.3 48.5#
89 91.8 28.6 43.0#



#51
Acenaphthene
Concen: 81.24 ng
RT: 15.21 min Scan# 1236
Delta R.T. -0.03 min
Lab File: BF081763.D
Acq: 23 Sep 2015 9:29

Tgt Ion:154 Resp: 10339
Ion Ratio Lower Upper
154 100
153 192.8 82.1 123.1#
152 268.3 37.9 56.9#





#52

3-Nitroaniline

Concen: 446.11 ng

RT: 15.20 min Scan# 1235

Delta R.T. -0.05 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-2

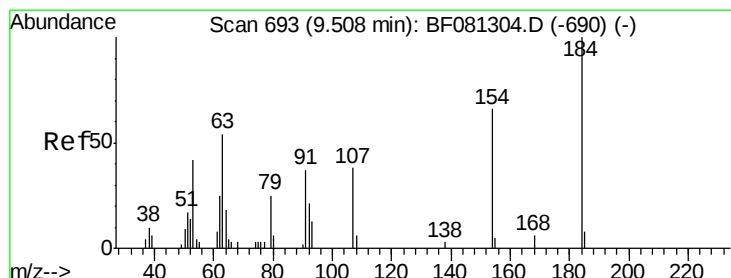
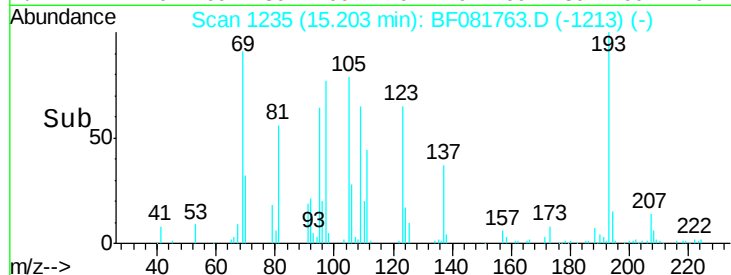
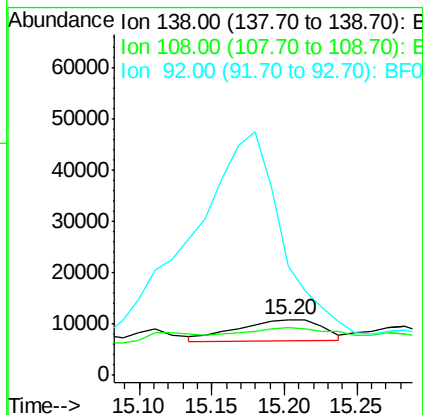
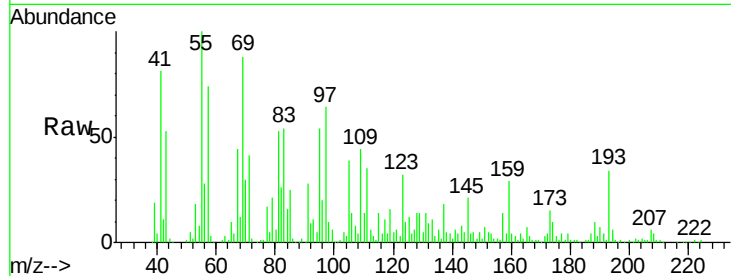
Tgt Ion:138 Resp: 16998

Ion Ratio Lower Upper

138 100

108 85.5 5.7 8.5#

92 195.5 67.7 101.5#



#53

2,4-Dinitrophenol

Concen: 169.48 ng

RT: 15.49 min Scan# 1260

Delta R.T. -0.05 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

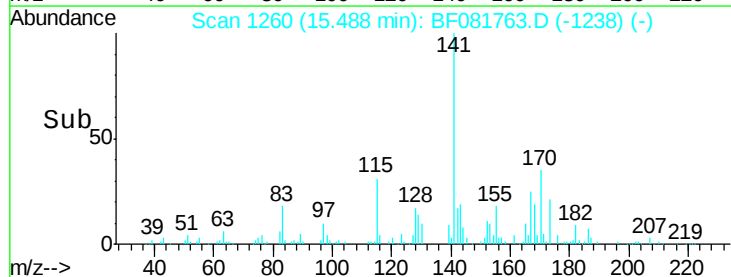
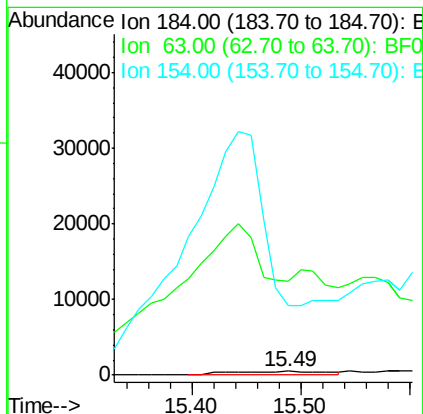
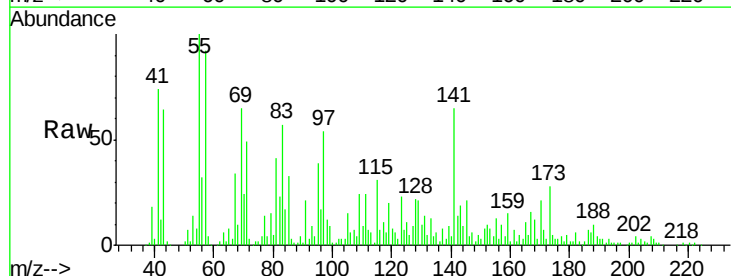
Tgt Ion:184 Resp: 3036

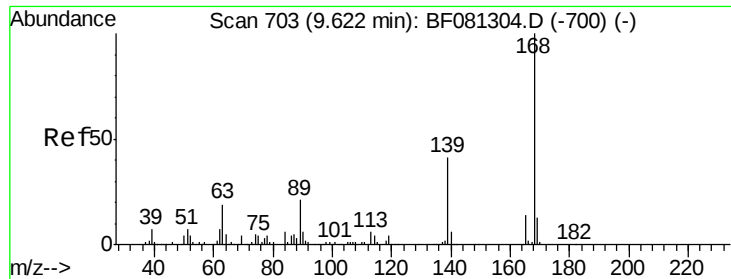
Ion Ratio Lower Upper

184 100

63 2338.6 35.4 53.2#

154 1728.5 32.2 48.4#





#54

Dibenzofuran

Concen: 1318.00 ng

RT: 15.57 min Scan# 1267

Delta R.T. -0.10 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-2

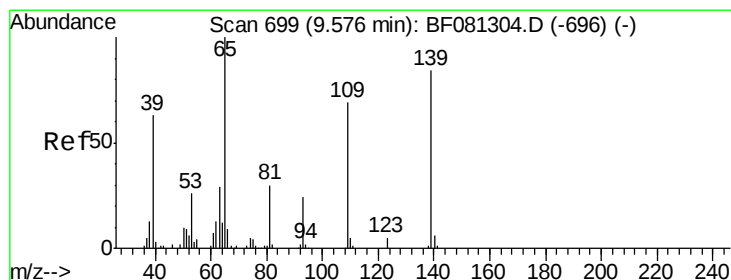
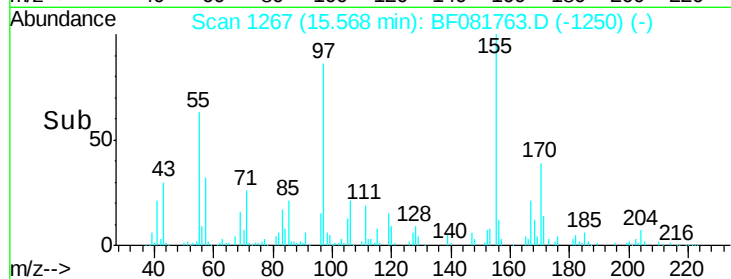
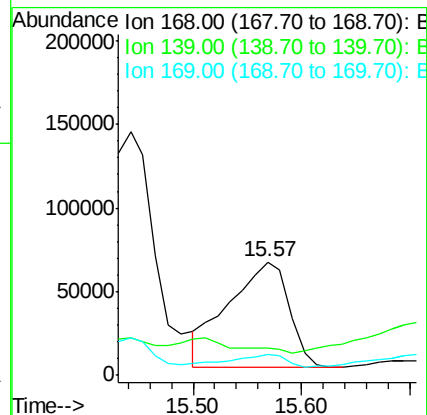
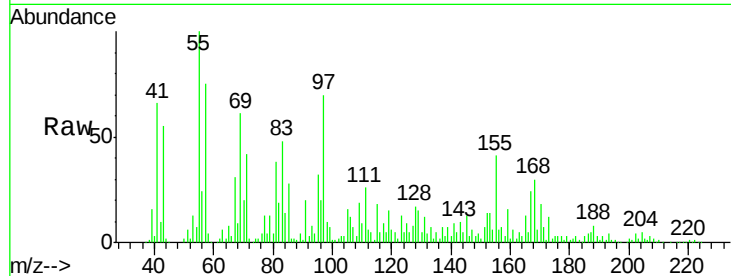
Tgt Ion:168 Resp: 244924

Ion Ratio Lower Upper

168 100

139 24.0 24.2 36.2#

169 18.4 10.6 15.8#



#55

4-Nitrophenol

Concen: 2981.20 ng

RT: 15.88 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

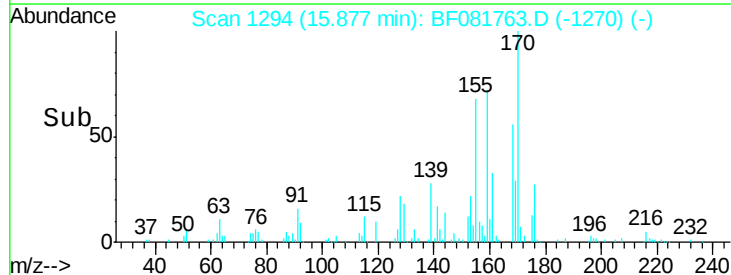
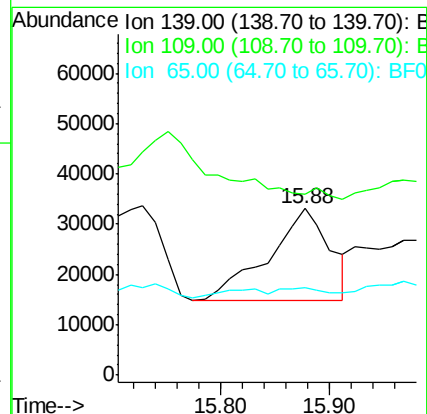
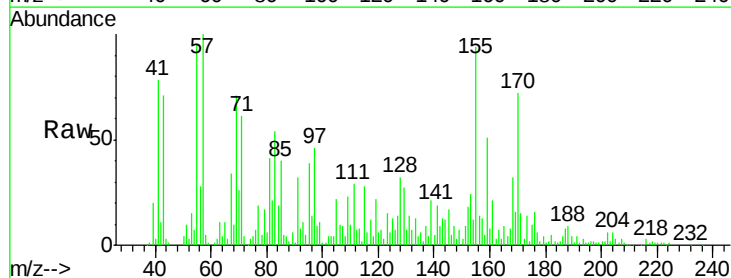
Tgt Ion:139 Resp: 71363

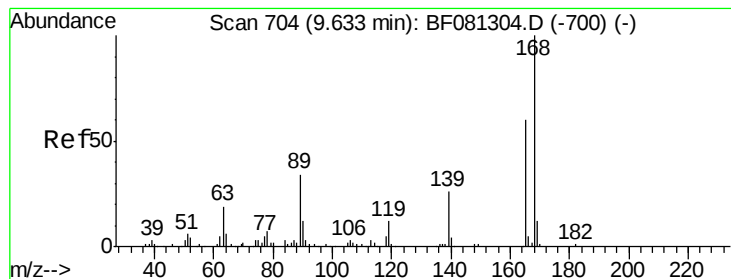
Ion Ratio Lower Upper

139 100

109 109.0 12.7 52.7#

65 52.5 45.9 85.9





#56

2,4-Dinitrotoluene

Concen: 1476.09 ng

RT: 15.68 min Scan# 1277

Delta R.T. -0.15 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-2

Tgt Ion:165 Resp: 62906

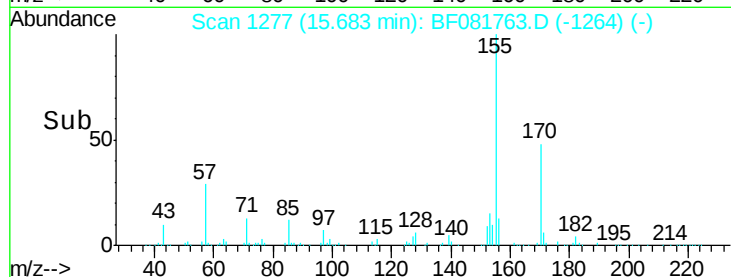
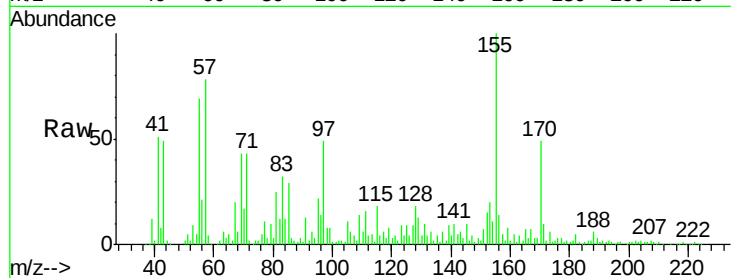
Ion Ratio Lower Upper

165 100

63 84.0 29.8 44.6#

89 43.9 44.5 66.7#

182 64.6 3.0 4.4#

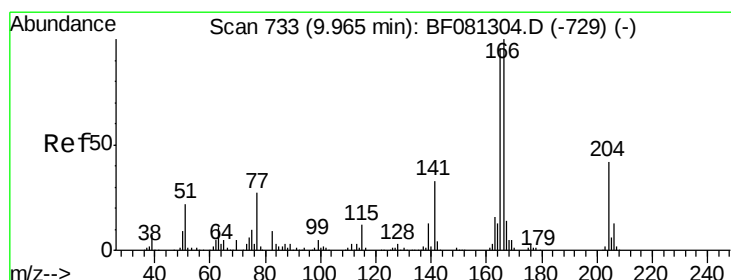
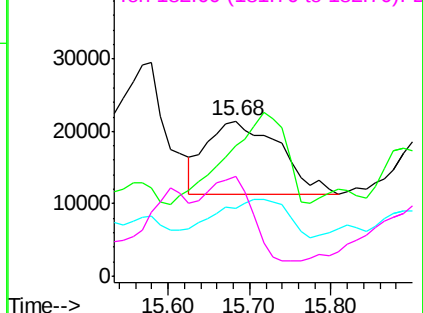


Abundance Ion 165.00 (164.70 to 165.70): E

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



#57

Fluorene

Concen: 206.94 ng

RT: 16.51 min Scan# 1349

Delta R.T. 0.02 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

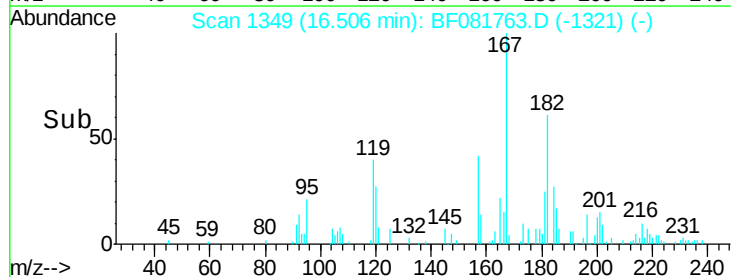
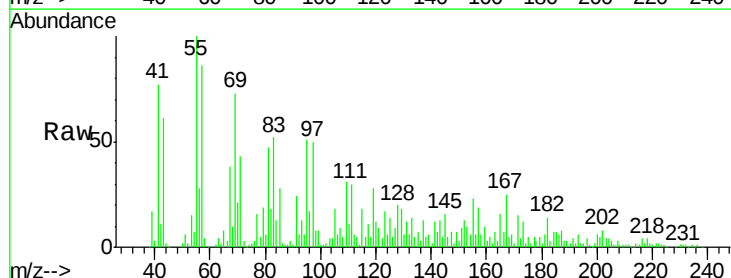
Tgt Ion:166 Resp: 29183

Ion Ratio Lower Upper

166 100

165 231.4 72.6 109.0#

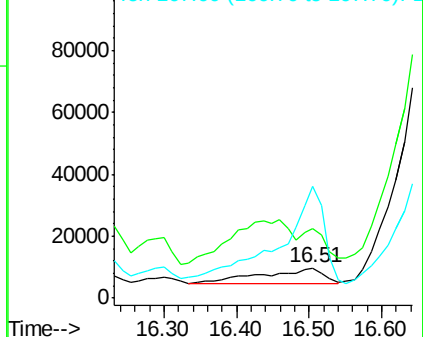
167 368.7 10.6 16.0#

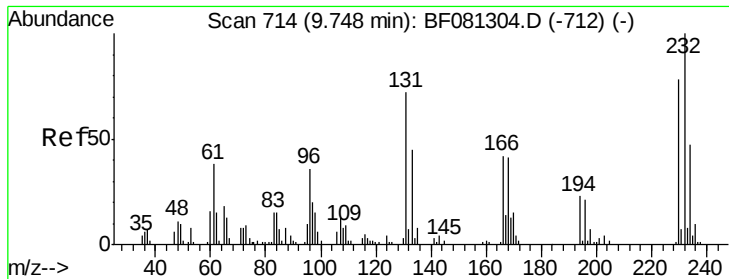


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

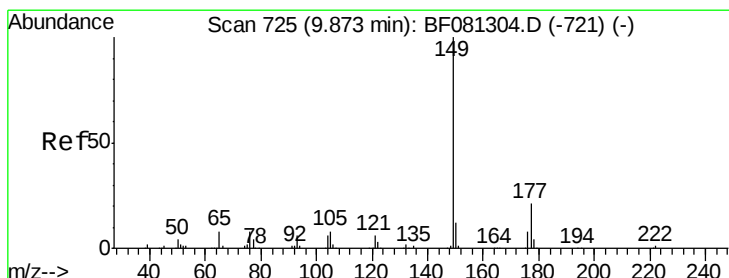
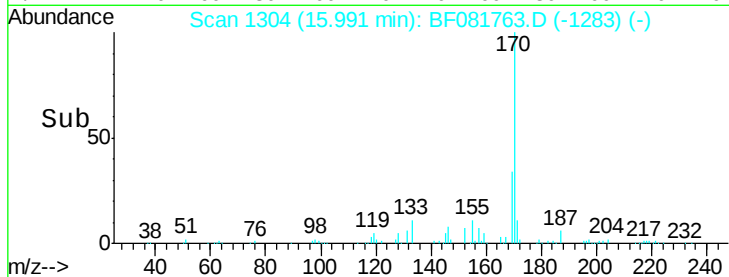
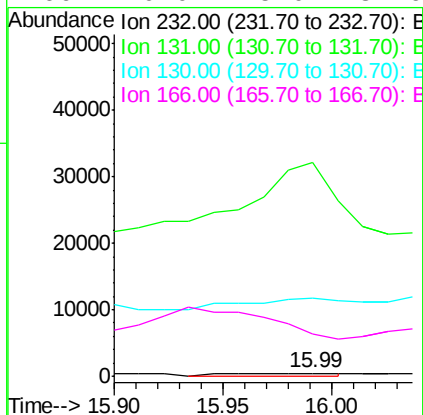
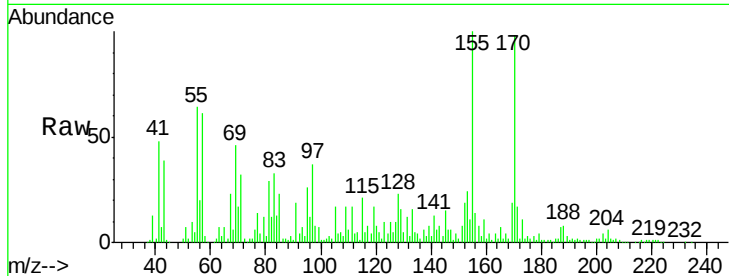




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.90 ng
 RT: 15.99 min Scan# 1304
 Delta R.T. -0.06 min
 Lab File: BF081763.D
 Acq: 23 Sep 2015 9:29

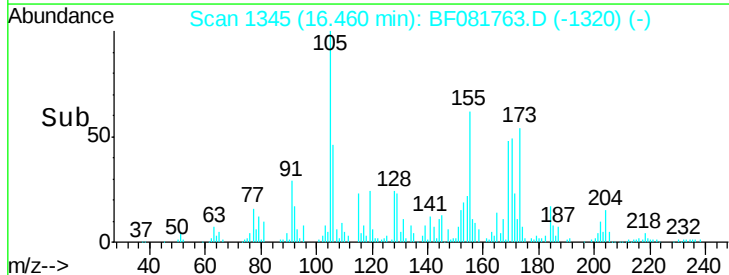
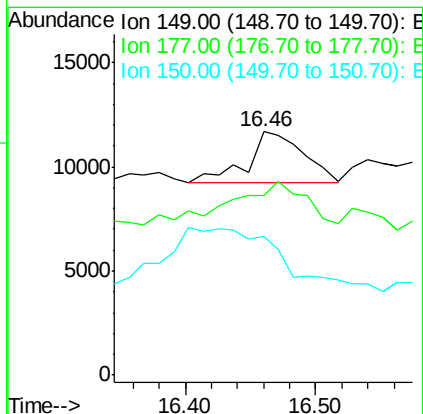
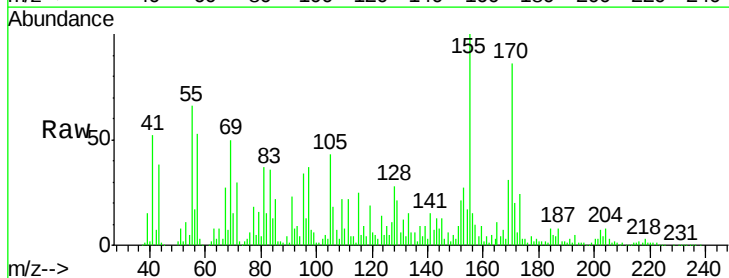
Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-2

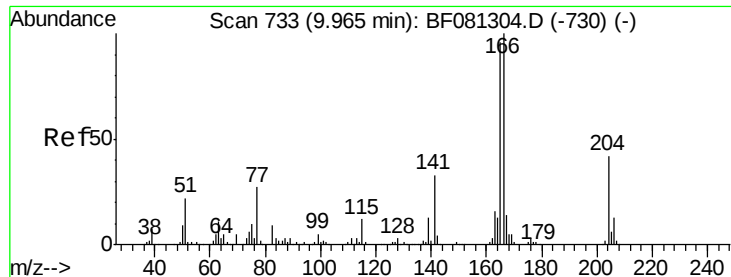
Tgt Ion: 232 Resp: 1610
 Ion Ratio Lower Upper
 232 100
 131 2766.2 38.5 57.7#
 130 434.5 1.8 2.6#
 166 0.0 25.0 37.6#



#59
 Diethylphthalate
 Concen: 46.58 ng
 RT: 16.46 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF081763.D
 Acq: 23 Sep 2015 9:29

Tgt Ion: 149 Resp: 7226
 Ion Ratio Lower Upper
 149 100
 177 73.6 17.5 26.3#
 150 57.2 9.4 14.2#

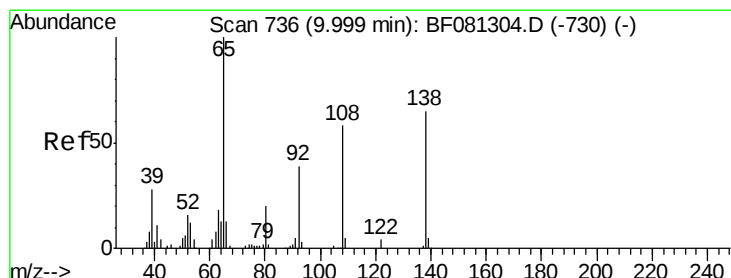
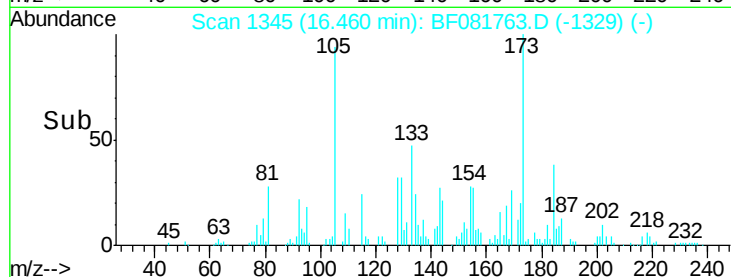
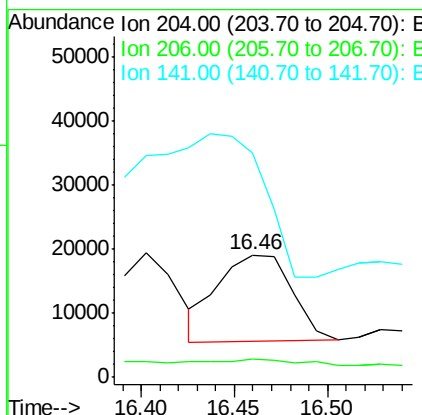
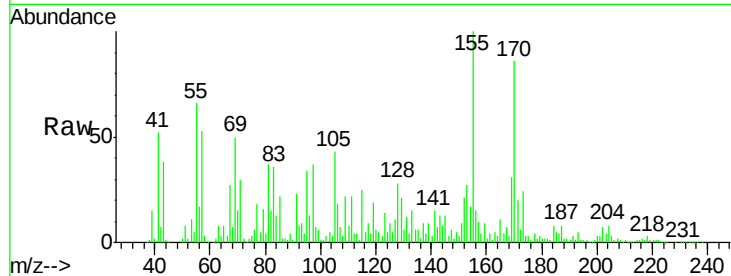




#60
4-Chlorophenyl-phenylether
Concen: 566.00 ng
RT: 16.46 min Scan# 1345
Delta R.T. -0.11 min
Lab File: BF081763.D
Acq: 23 Sep 2015 9:29

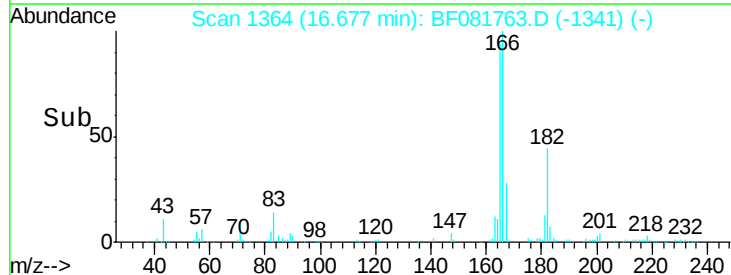
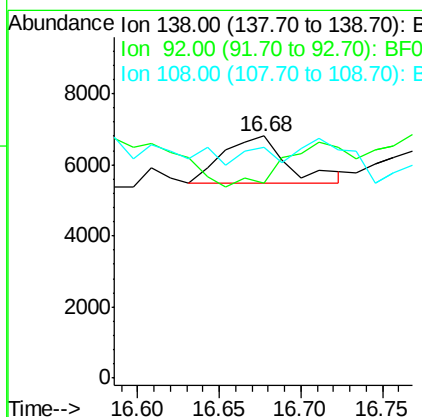
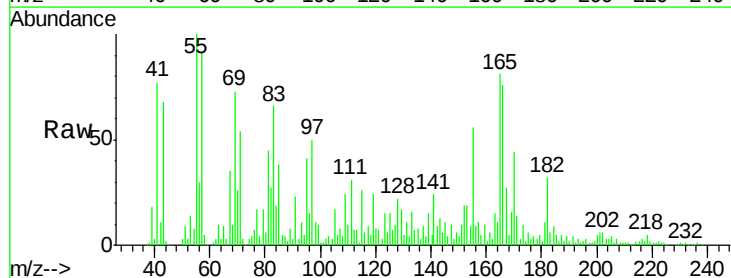
Instrument :
BNA_F
ClientSampleId :
TRENCH-1-2

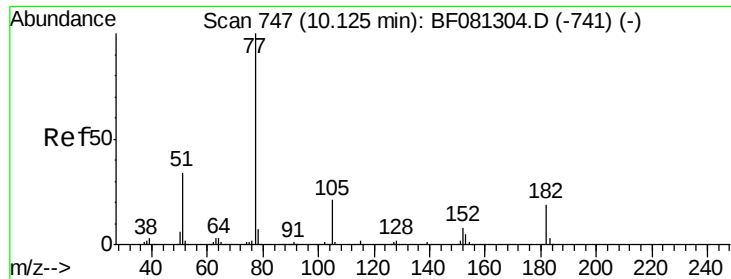
Tgt Ion: 204 Resp: 37202
Ion Ratio Lower Upper
204 100
206 14.7 24.8 37.2#
141 183.5 42.2 63.4#



#61
4-Nitroaniline
Concen: 98.32 ng
RT: 16.68 min Scan# 1364
Delta R.T. -0.03 min
Lab File: BF081763.D
Acq: 23 Sep 2015 9:29

Tgt Ion: 138 Resp: 3785
Ion Ratio Lower Upper
138 100
92 80.7 12.6 52.6#
108 95.2 12.4 52.4#





#62

Azobenzene

Concen: 135.45 ng

RT: 16.84 min Scan# 1378

Delta R.T. -0.11 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-2

Tgt Ion: 77 Resp: 23360

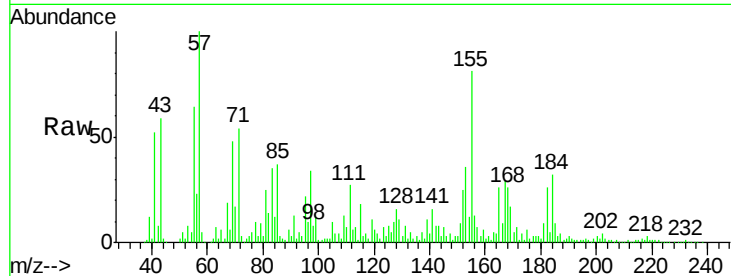
Ion Ratio Lower Upper

77 100

182 247.5 15.1 55.1#

105 97.0 3.4 43.4#

51 50.9 12.0 52.0

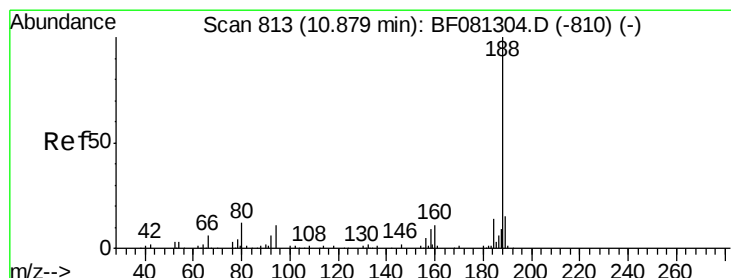
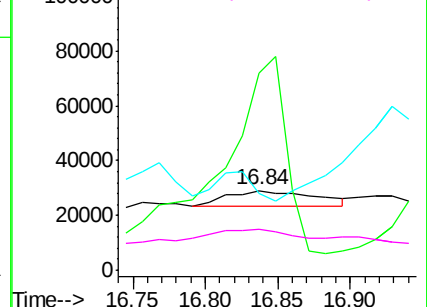
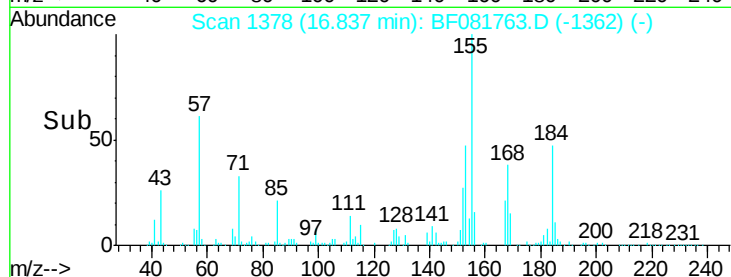


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.84 min Scan# 1553

Delta R.T. 0.16 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

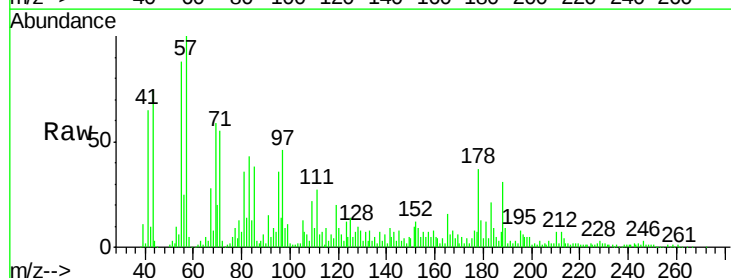
Tgt Ion: 188 Resp: 116649

Ion Ratio Lower Upper

188 100

94 22.3 11.1 16.7#

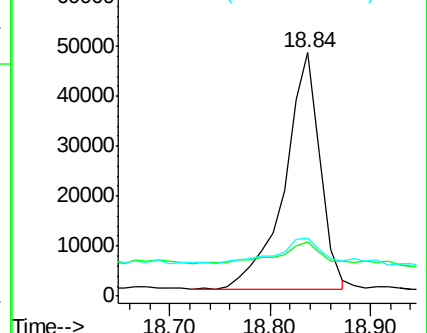
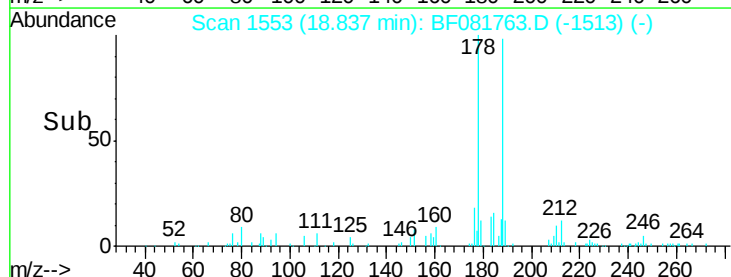
80 23.7 11.0 16.4#

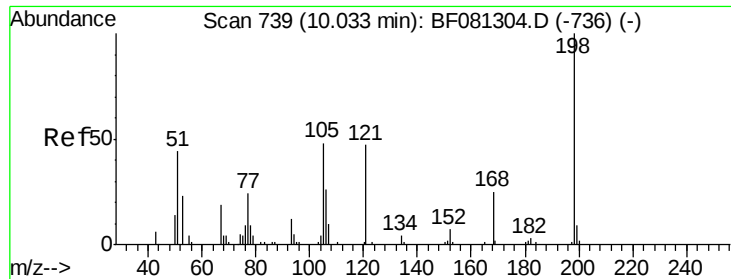


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 9.03 ng

RT: 16.95 min Scan# 1388

Delta R.T. 0.16 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-2

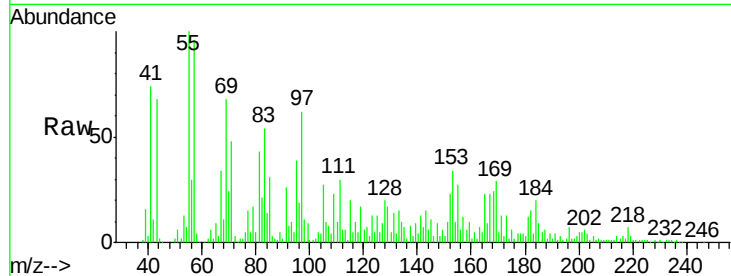
Tgt Ion:198 Resp: 5891

Ion Ratio Lower Upper

198 100

51 388.4 39.6 79.6#

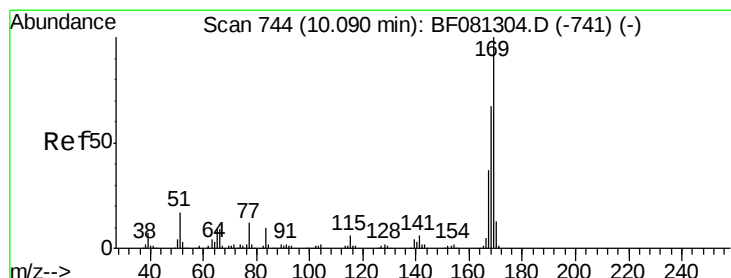
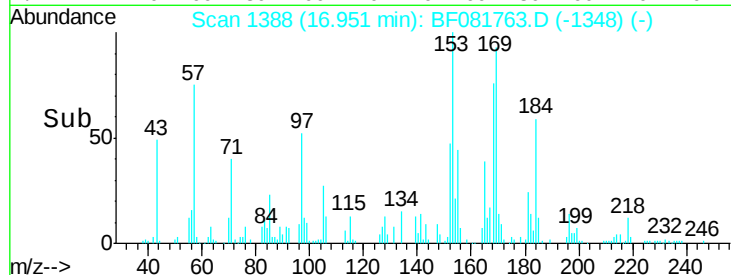
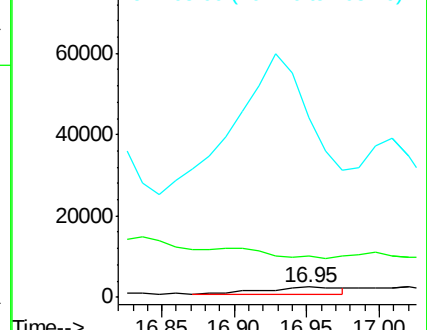
105 1707.7 28.5 68.5#



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



#65

n-Nitrosodiphenylamine

Concen: 43.04 ng

RT: 17.04 min Scan# 1396

Delta R.T. 0.14 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

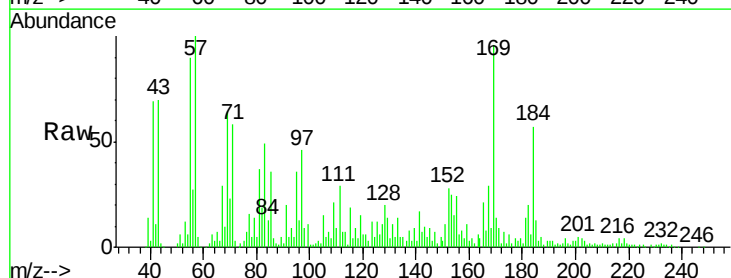
Tgt Ion:169 Resp: 182692

Ion Ratio Lower Upper

169 100

168 9.3 48.9 73.3#

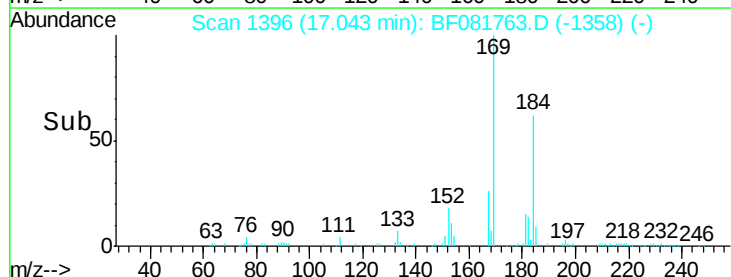
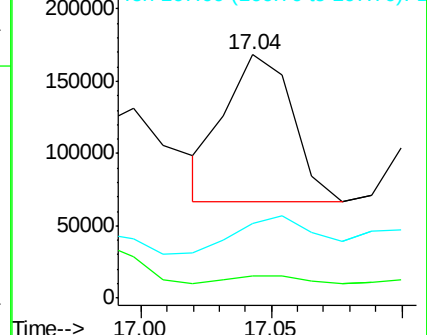
167 30.4 26.2 39.4

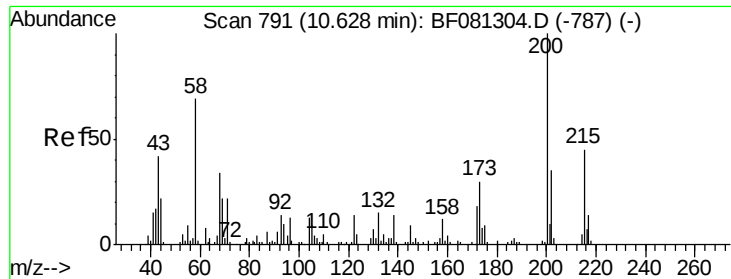


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#68

Atrazine

Concen: 11.33 ng

RT: 18.49 min Scan# 1523

Delta R.T. 0.18 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-2

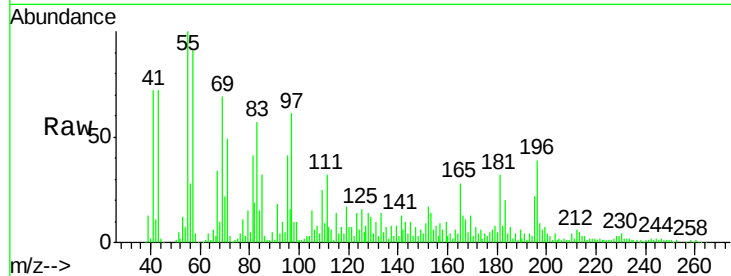
Tgt Ion:200 Resp: 13916

Ion Ratio Lower Upper

200 100

173 147.6 13.2 53.2#

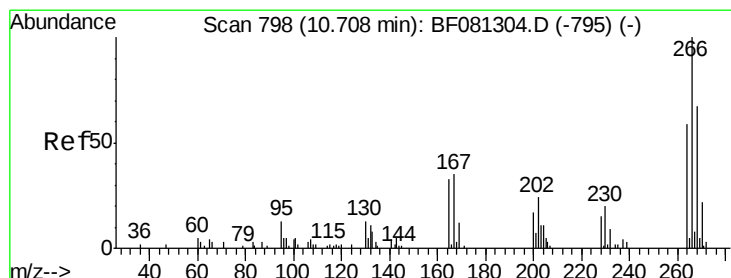
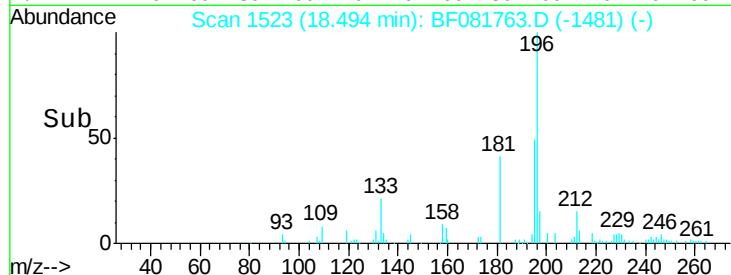
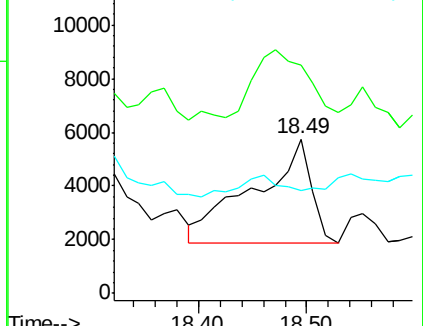
215 66.2 41.8 81.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 9.05 ng

RT: 18.46 min Scan# 1520

Delta R.T. 0.13 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

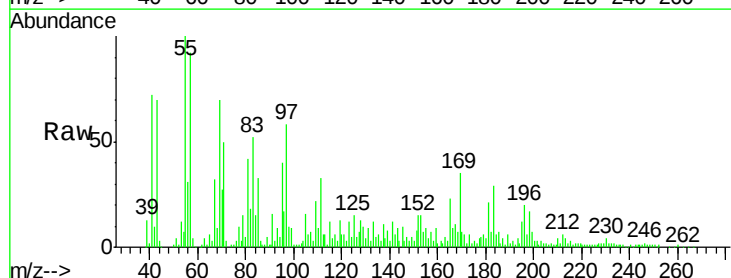
Tgt Ion:266 Resp: 206

Ion Ratio Lower Upper

266 100

268 0.0 49.8 74.6#

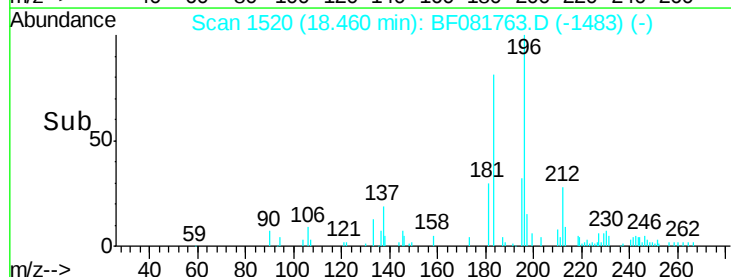
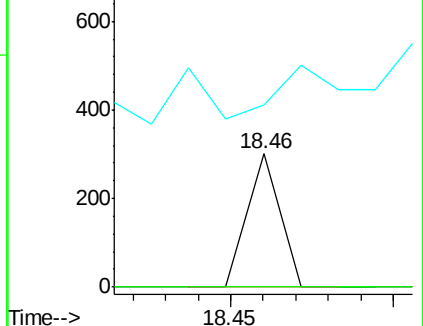
264 137.3 50.2 75.2#

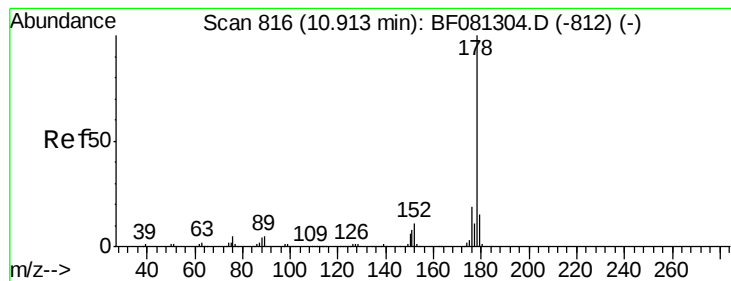


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 158.72 ng

RT: 18.91 min Scan# 1559

Delta R.T. 0.17 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-2

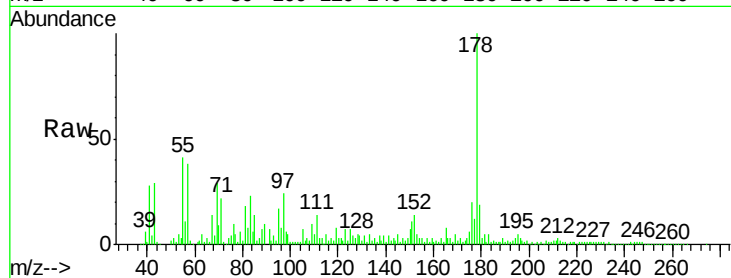
Tgt Ion:178 Resp: 1029305

Ion Ratio Lower Upper

178 100

176 19.8 13.8 20.8

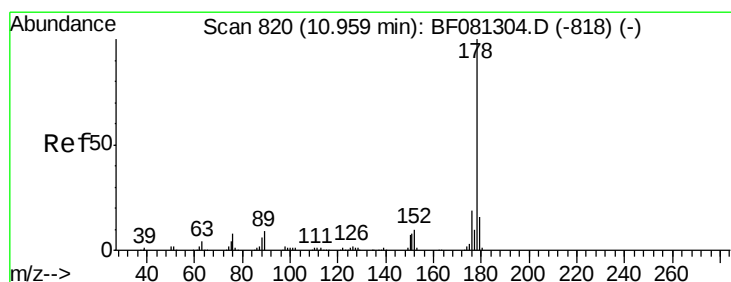
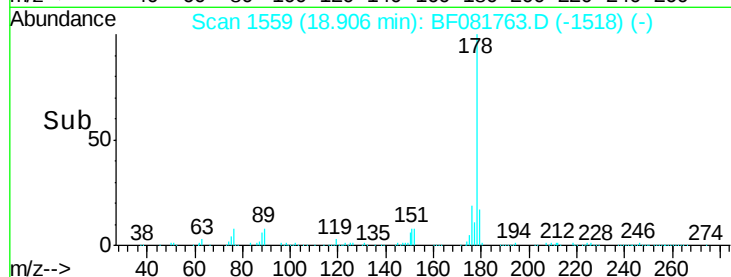
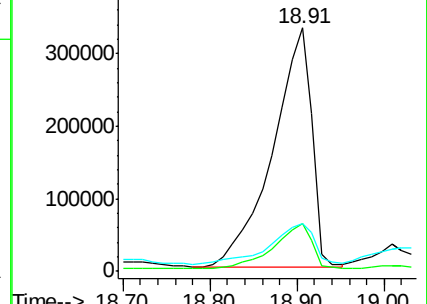
179 19.4 12.2 18.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 11.85 ng

RT: 19.01 min Scan# 1568

Delta R.T. 0.15 min

Lab File: BF081763.D

Acq: 23 Sep 2015 9:29

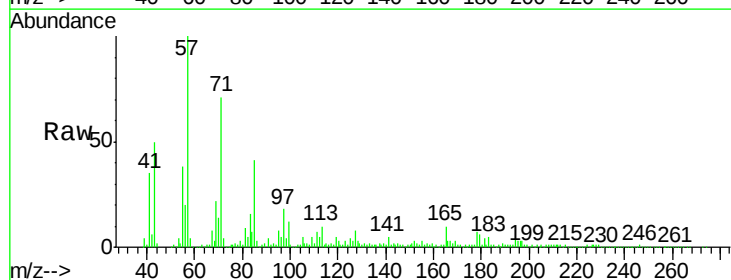
Tgt Ion:178 Resp: 78934

Ion Ratio Lower Upper

178 100

176 21.0 14.1 21.1

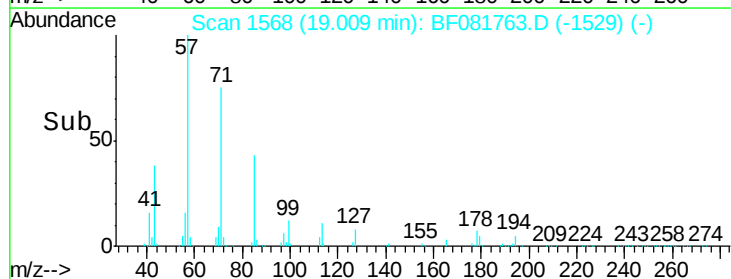
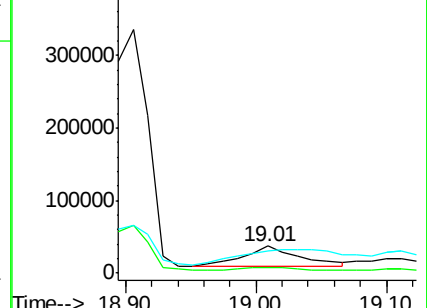
179 85.3 12.2 18.2#

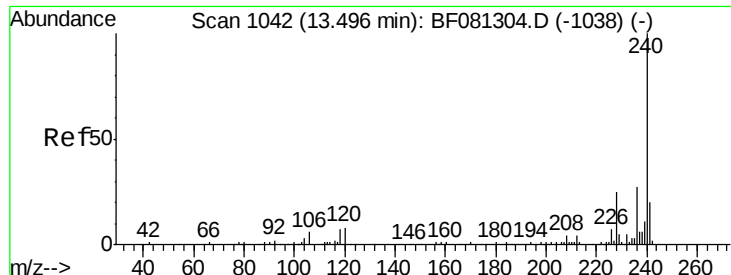


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

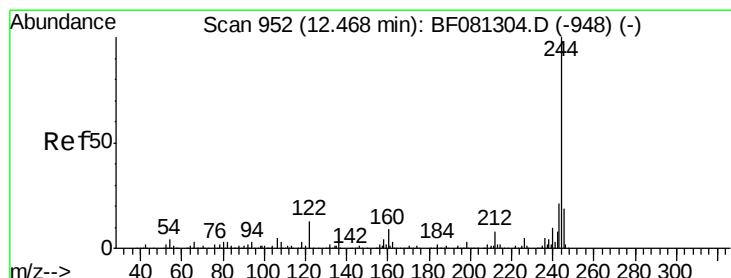
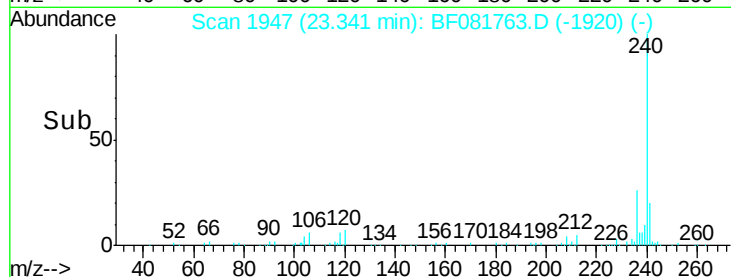
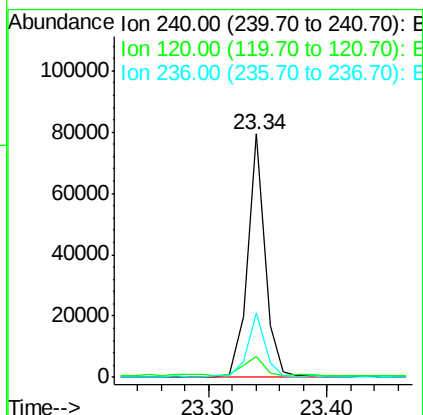
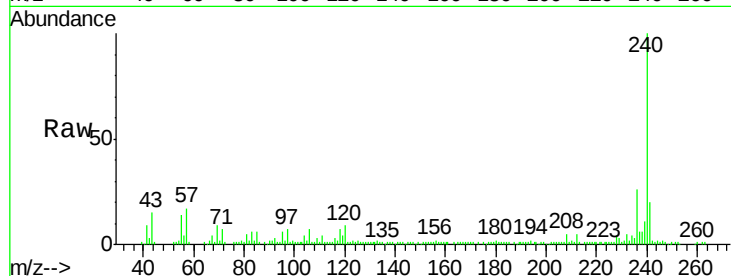




#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.34 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BF081763.D
Acq: 23 Sep 2015 9:29

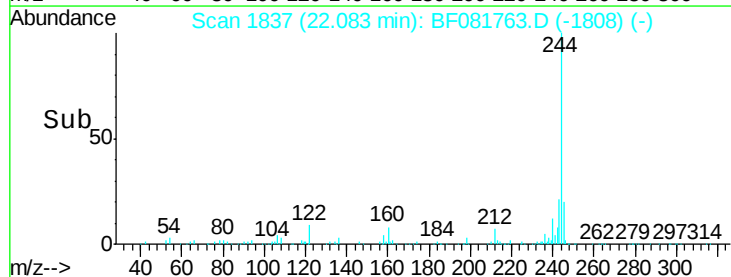
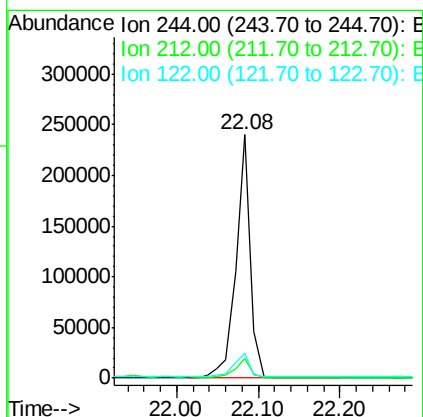
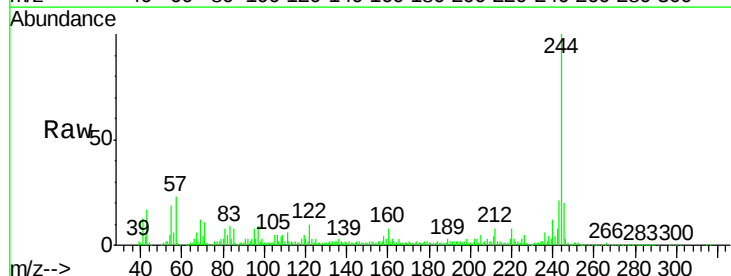
Instrument :
BNA_F
ClientSampleId :
TRENCH-1-2

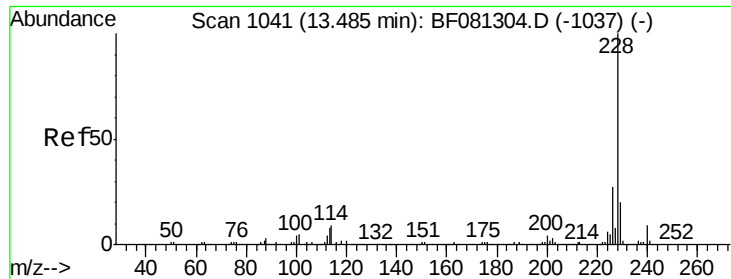
Tgt Ion:240 Resp: 82584
Ion Ratio Lower Upper
240 100
120 8.6 16.2 24.2#
236 26.4 18.4 27.6



#78
Terphenyl-d14
Concen: 82.34 ng
RT: 22.08 min Scan# 1837
Delta R.T. 0.03 min
Lab File: BF081763.D
Acq: 23 Sep 2015 9:29

Tgt Ion:244 Resp: 292104
Ion Ratio Lower Upper
244 100
212 7.9 4.3 6.5#
122 10.0 17.4 26.2#

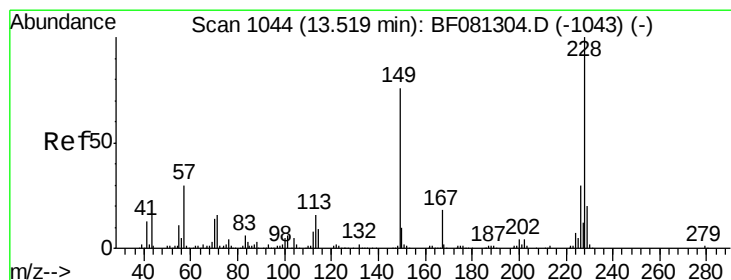
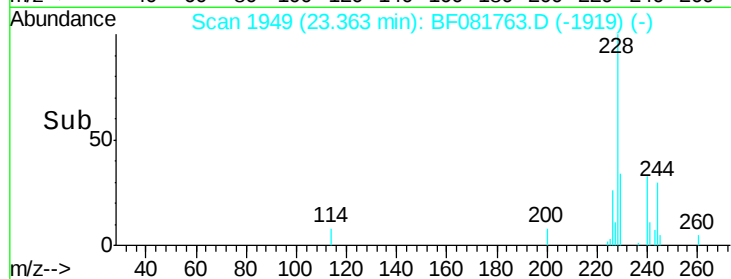
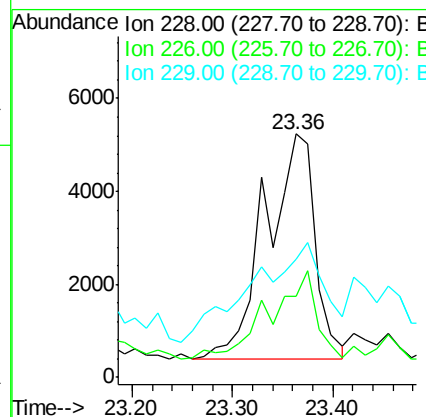
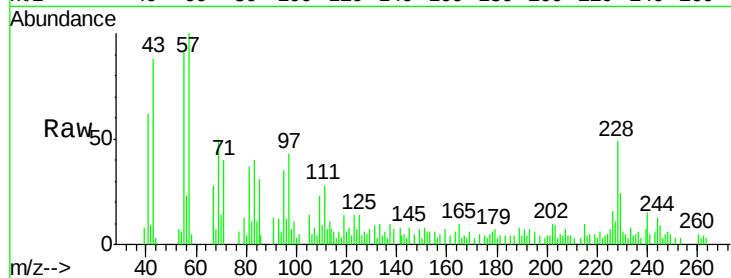




#80
Benzo(a)anthracene
Concen: 3.15 ng
RT: 23.36 min Scan# 1949
Delta R.T. 0.05 min
Lab File: BF081763.D
Acq: 23 Sep 2015 9:29

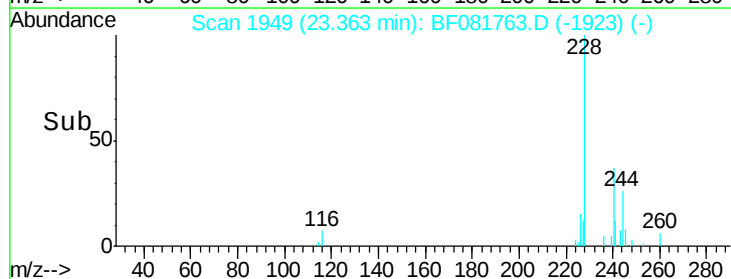
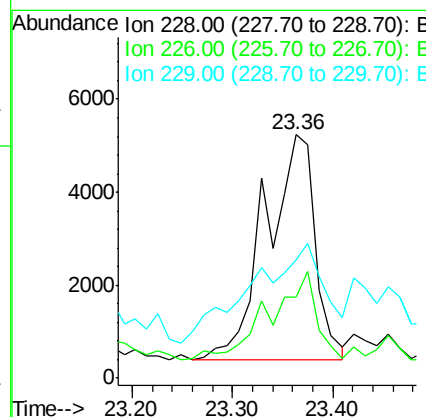
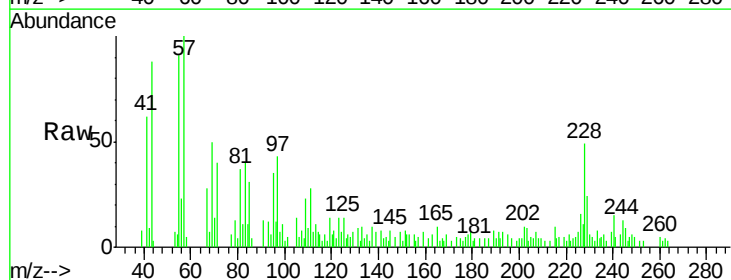
Instrument :
BNA_F
ClientSampleId :
TRENCH-1-2

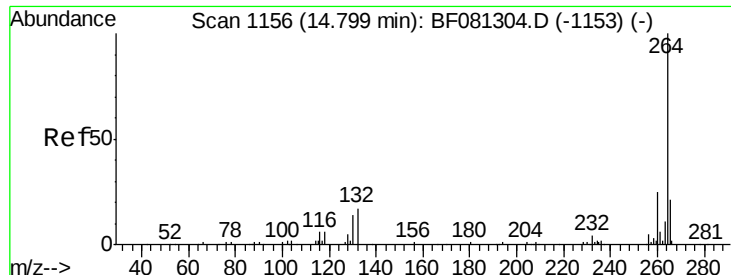
Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	20.0	30.0#
229	48.3	15.4	23.2#



#82
Chrysene
Concen: 3.51 ng
RT: 23.36 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BF081763.D
Acq: 23 Sep 2015 9:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	21.0	31.4#
229	48.3	15.6	23.4#

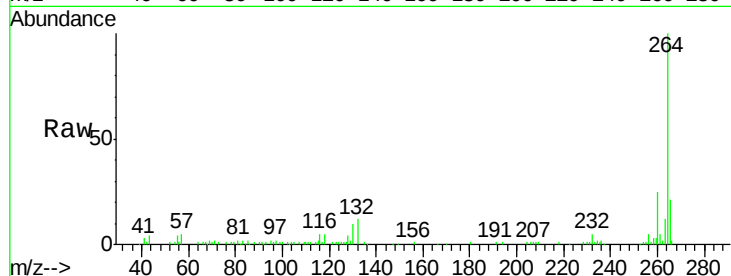




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.77 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BF081763.D
Acq: 23 Sep 2015 9:29

Instrument :
BNA_F
ClientSampleId :
TRENCH-1-2

Tgt Ion: 264 Resp: 69498
Ion Ratio Lower Upper
264 100
260 25.4 16.7 25.1#
265 21.1 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

