

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
 Data File : BF081730.D
 Acq On : 22 Sep 2015 2:38
 Operator : UM/IZ
 Sample : G3747-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-1

Quant Time: Sep 22 04:19:19 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 04:14:20 2015
 Response via : Initial Calibration

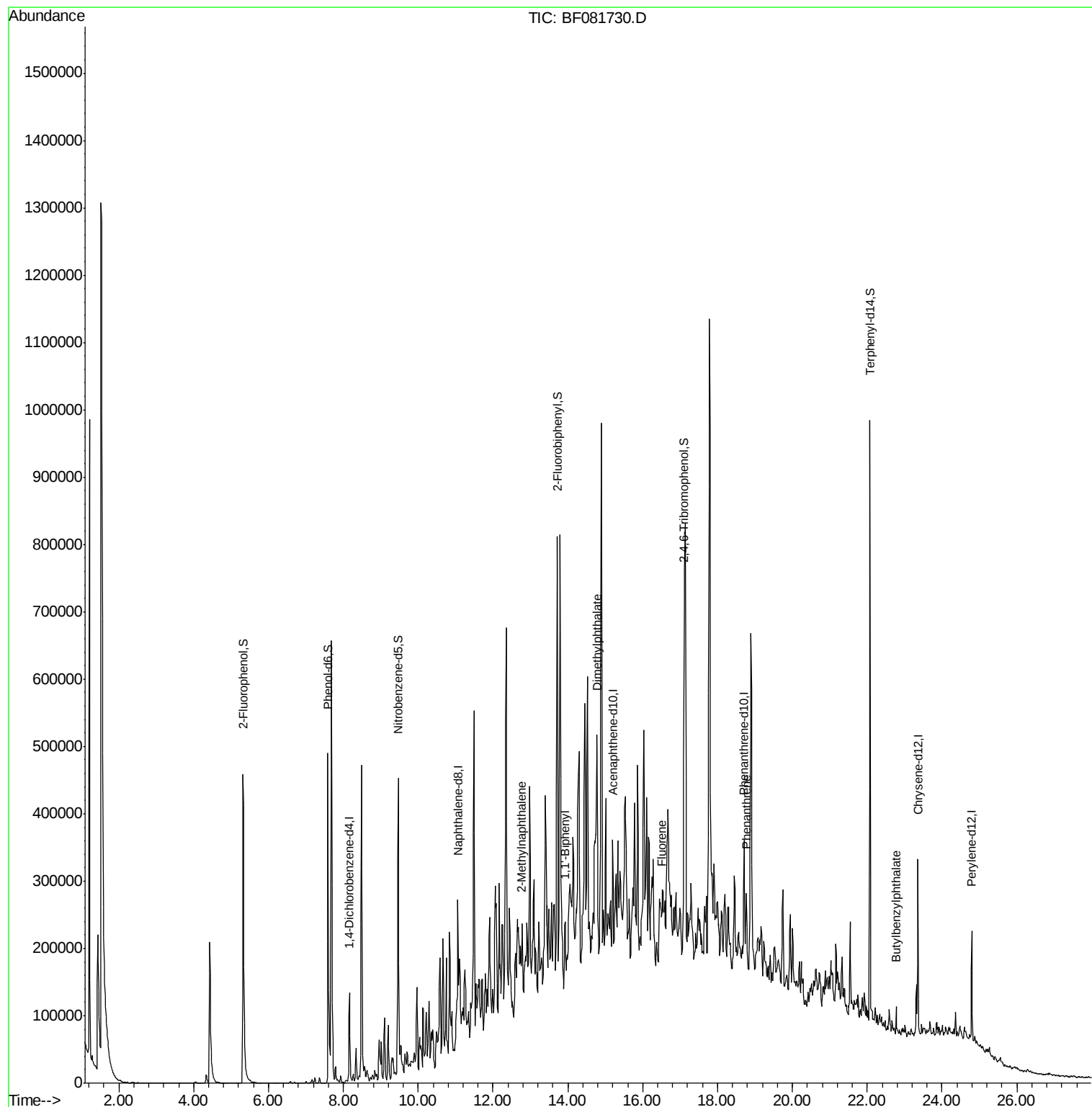
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	34252	20.00	ng	0.00
21) Naphthalene-d8	11.06	136	132427	20.00	ng	0.00
38) Acenaphthene-d10	15.20	164	62222	20.00	ng	0.00
63) Phenanthrene-d10	18.71	188	122655	20.00	ng	0.01
75) Chrysene-d12	23.35	240	100948	20.00	ng	0.00
86) Perylene-d12	24.79	264	75475	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	248528	112.58	ng	0.01
7) Phenol-d6	7.60	99	353211	120.87	ng	0.00
23) Nitrobenzene-d5	9.46	82	234624	85.48	ng	-0.01
41) 2,4,6-Tribromophenol	17.11	330	65529	118.28	ng	0.00
44) 2-Fluorobiphenyl	13.72	172	349064	71.89	ng	0.00
78) Terphenyl-d14	22.07	244	309548	71.38	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.77	142	12245	2.66	ng	# 73
45) 1,1'-Biphenyl	13.92	154	16500	2.88	ng	94
49) Dimethylphthalate	14.78	163	80778	16.71	ng	# 97
57) Fluorene	16.52	166	23219	5.02	ng	# 92
70) Phenanthrene	18.77	178	66157	9.70	ng	96
79) Butylbenzylphthalate	22.77	149	7497	2.31	ng	# 81

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

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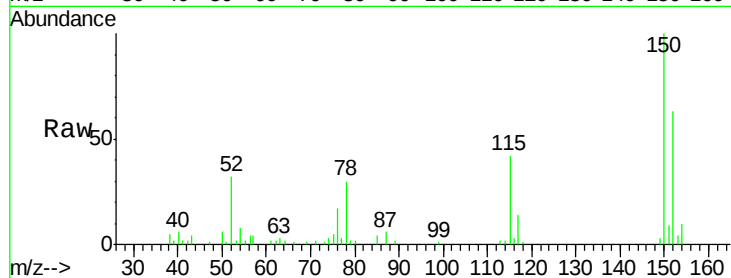


#1

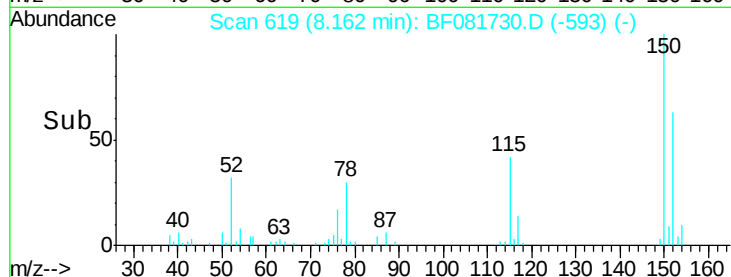
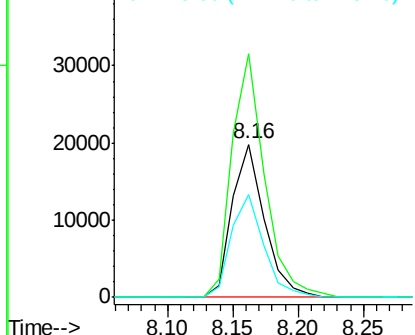
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF081730.D
Acq: 22 Sep 2015 2:38

Instrument :
BNA_F
ClientSampleId :
TRENCH-1-1

Tot Ion:152 Resp: 34252
Ion Ratio Lower Upper
152 100
150 159.4 124.7 187.1
115 67.2 39.0 58.4#



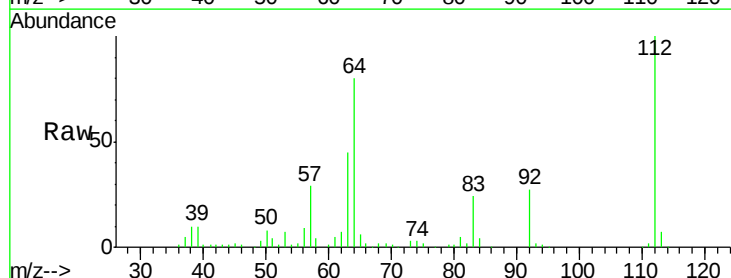
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



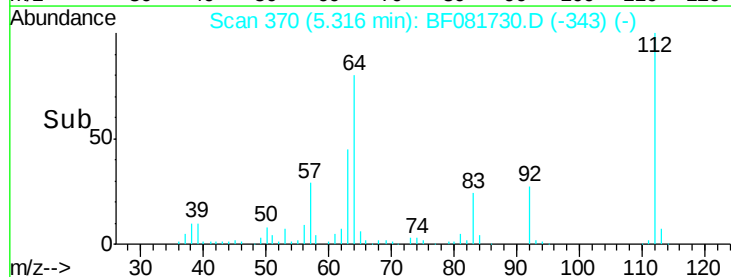
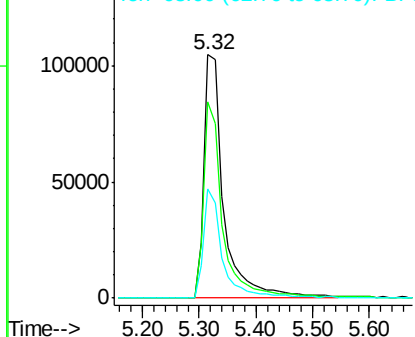
#5

2-Fluorophenol
Concen: 112.58 ng
RT: 5.32 min Scan# 370
Delta R.T. 0.01 min
Lab File: BF081730.D
Acq: 22 Sep 2015 2:38

Tgt Ion:112 Resp: 248528
Ion Ratio Lower Upper
112 100
64 80.5 39.7 59.5#
63 45.0 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: 120.87 ng

RT: 7.60 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF081730.D

Acq: 22 Sep 2015 2:38

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-1

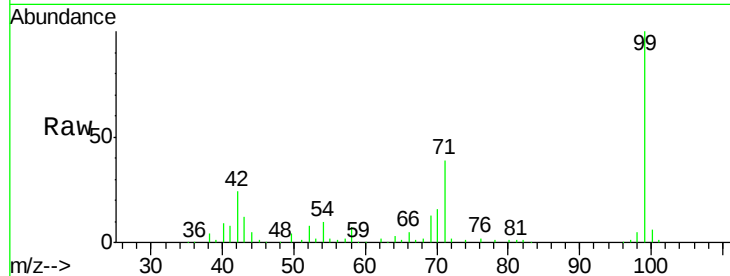
Tot Ion: 99 Resp: 353211

Ion Ratio Lower Upper

99 100

42 24.2 13.7 20.5#

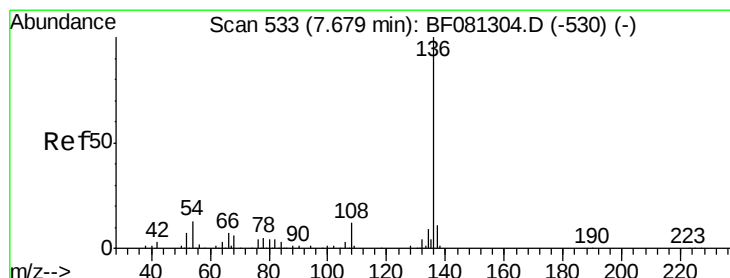
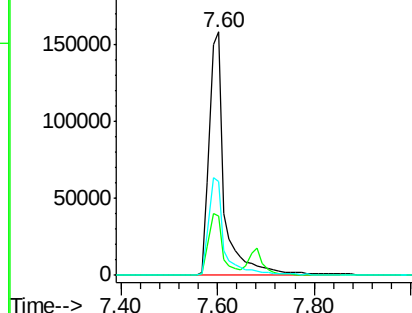
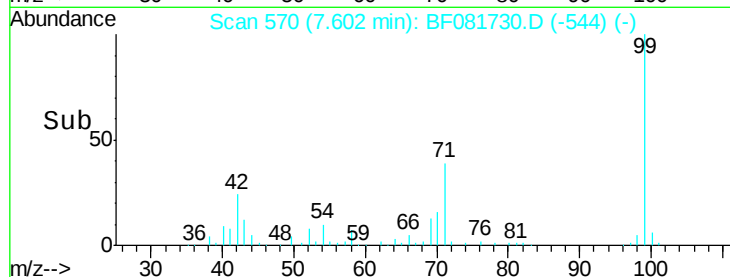
71 38.7 14.2 21.2#



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: 11.06 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF081730.D

Acq: 22 Sep 2015 2:38

Tgt Ion: 136 Resp: 132427

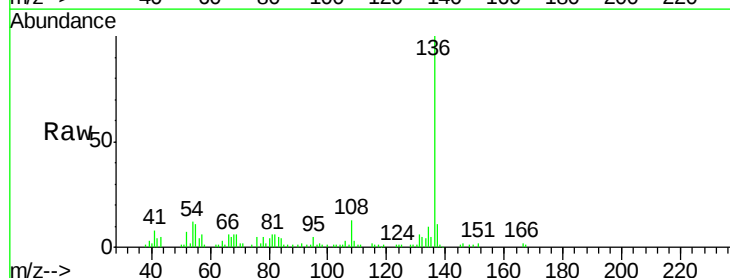
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 12.4 8.2 12.2#

68 6.3 5.8 8.6

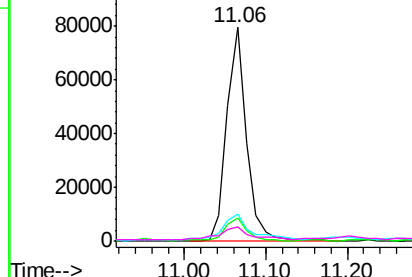
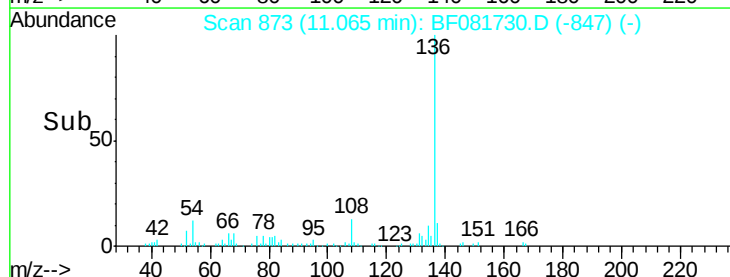


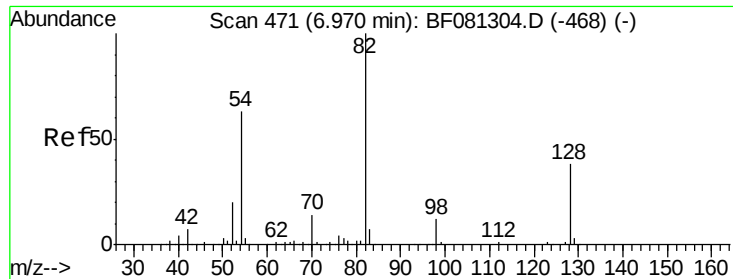
Abundance Ion 136.00 (135.70 to 136.70): E

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

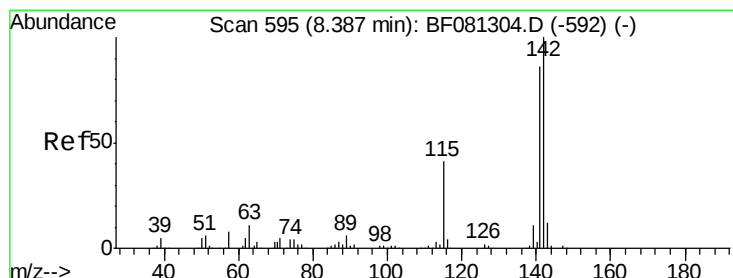
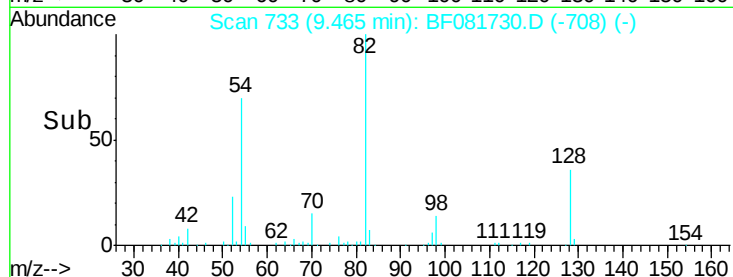
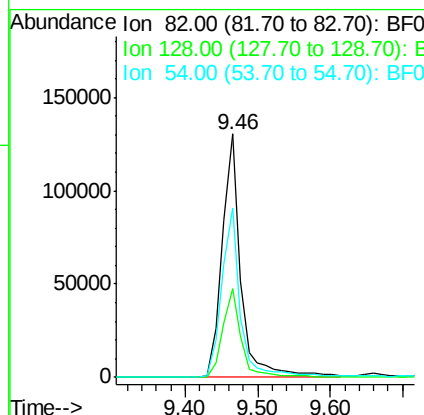
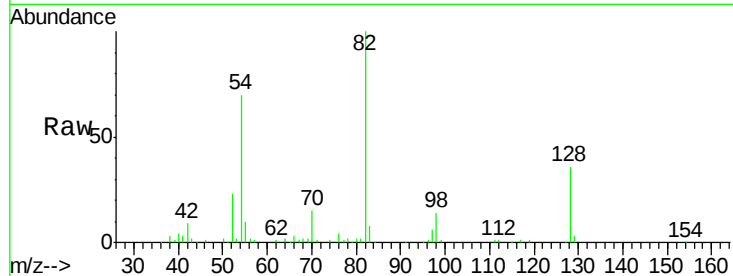




#23
Nitrobenzene-d5
Concen: 85.48 ng
RT: 9.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF081730.D
Acq: 22 Sep 2015 2:38

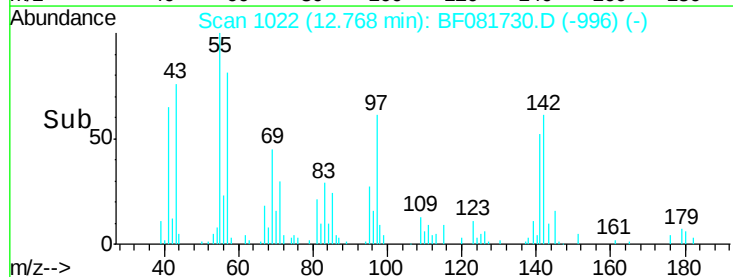
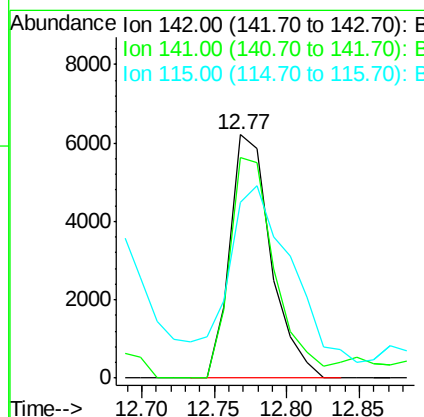
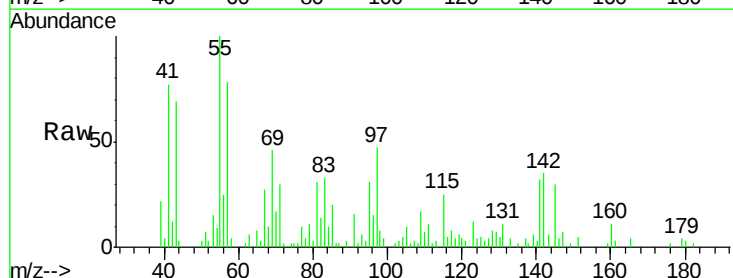
Instrument :
BNA_F
ClientSampleId :
TRENCH-1-1

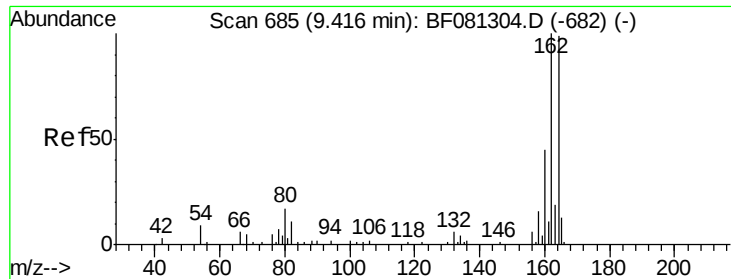
Tot Ion: 82 Resp: 234624
Ion Ratio Lower Upper
82 100
128 36.3 51.0 76.6#
54 69.7 47.5 71.3



#37
2-Methylnaphthalene
Concen: 2.66 ng
RT: 12.77 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF081730.D
Acq: 22 Sep 2015 2:38

Tgt Ion: 142 Resp: 12245
Ion Ratio Lower Upper
142 100
141 90.8 67.5 101.3
115 72.0 18.2 27.2#

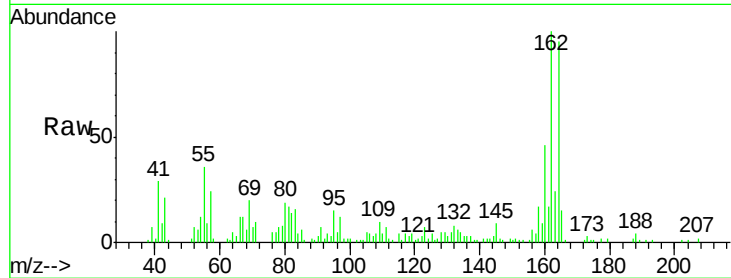




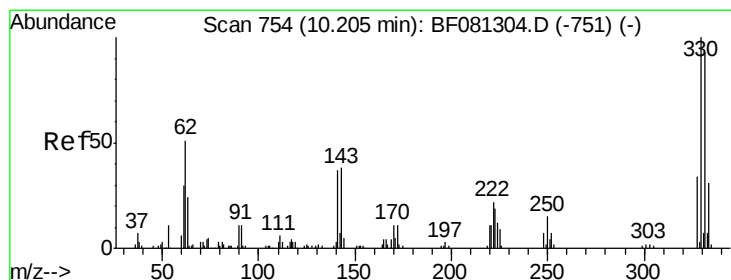
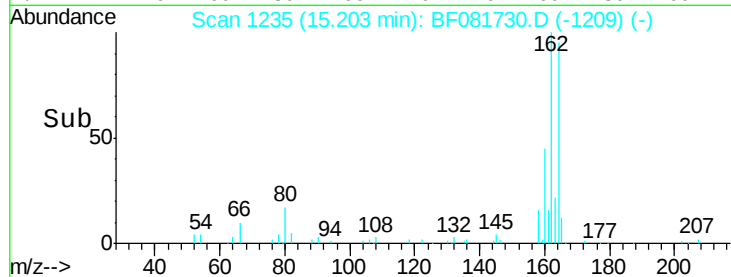
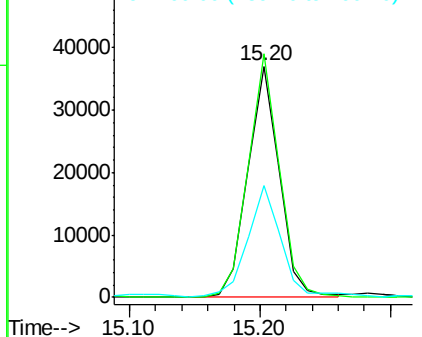
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BF081730.D
 Acq: 22 Sep 2015 2:38

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-1

Tot Ion:164 Resp: 62222
 Ion Ratio Lower Upper
 164 100
 162 105.4 75.2 112.8
 160 48.2 31.5 47.3#

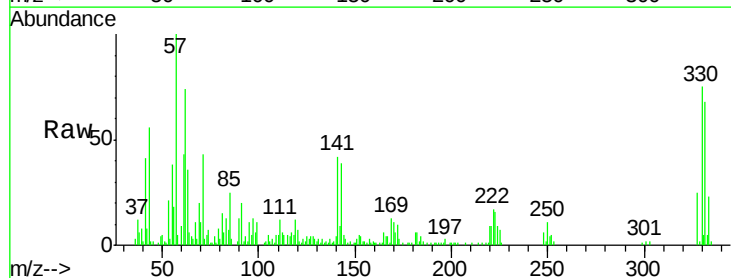


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

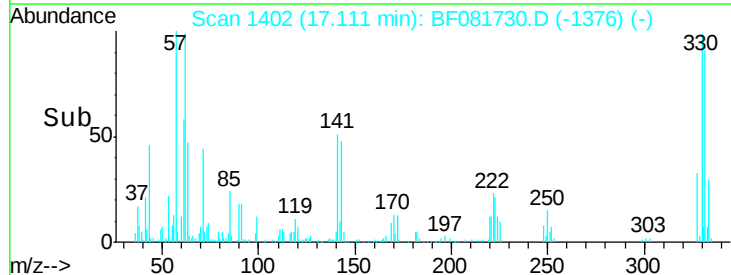
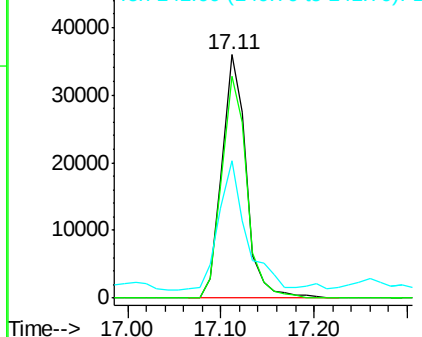


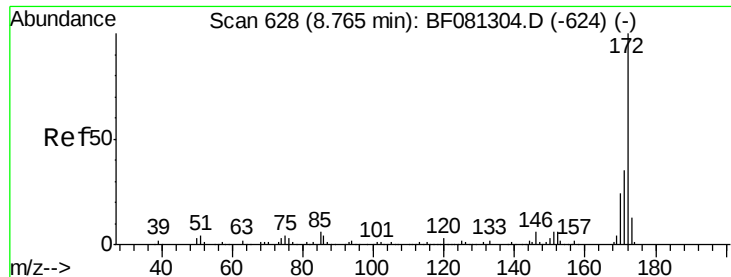
#41
 2,4,6-Tribromophenol
 Concen: 118.28 ng
 RT: 17.11 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BF081730.D
 Acq: 22 Sep 2015 2:38

Tgt Ion:330 Resp: 65529
 Ion Ratio Lower Upper
 330 100
 332 93.5 76.6 114.8
 141 59.9 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: 71.89 ng

RT: 13.72 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BF081730.D

Acq: 22 Sep 2015 2:38

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-1

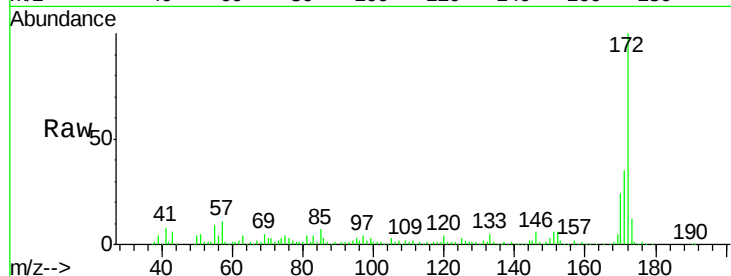
Tot Ion:172 Resp: 349064

Ion Ratio Lower Upper

172 100

171 35.3 26.1 39.1

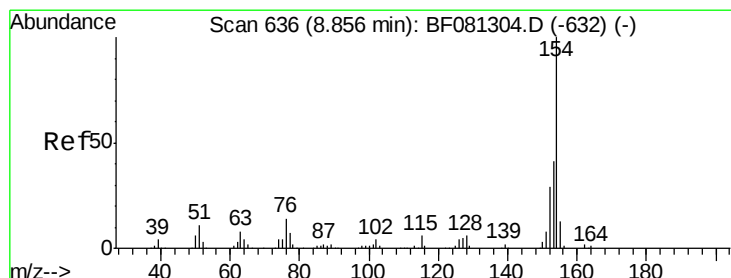
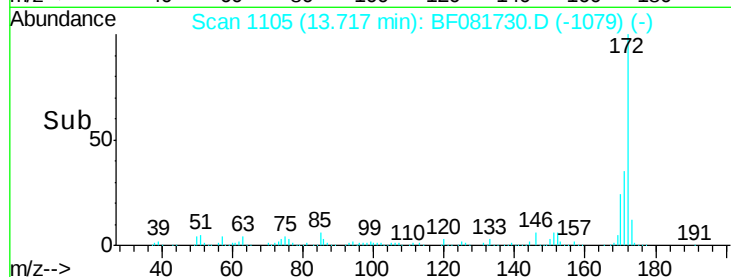
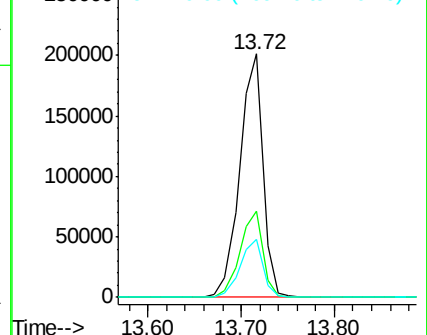
170 24.0 17.4 26.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 2.88 ng

RT: 13.92 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF081730.D

Acq: 22 Sep 2015 2:38

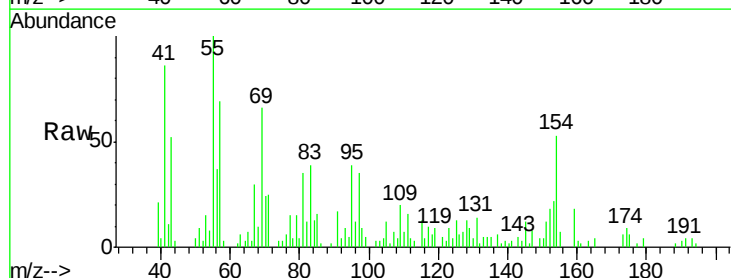
Tgt Ion:154 Resp: 16500

Ion Ratio Lower Upper

154 100

153 41.4 17.1 57.1

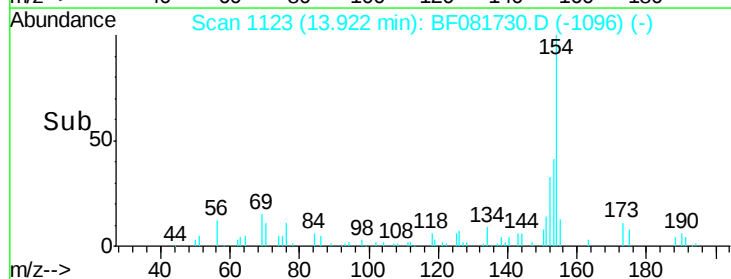
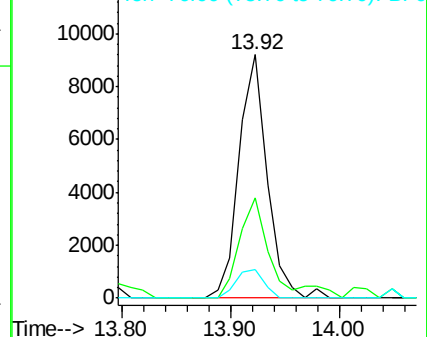
76 11.5 0.0 31.6

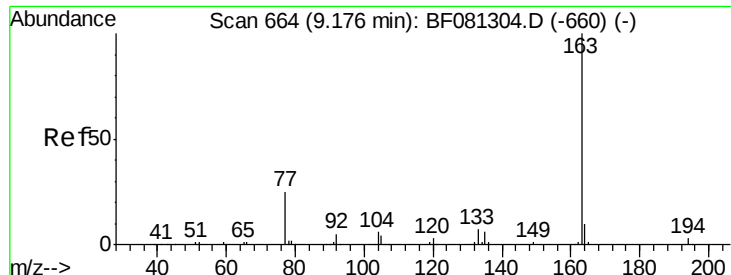


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

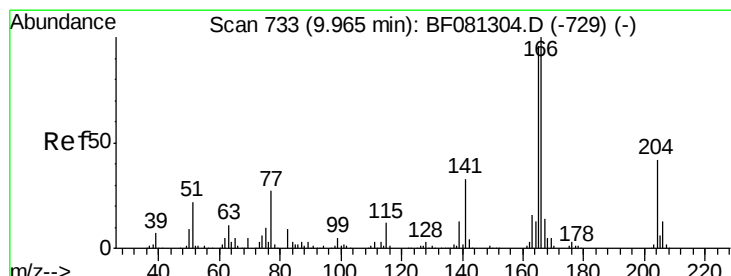
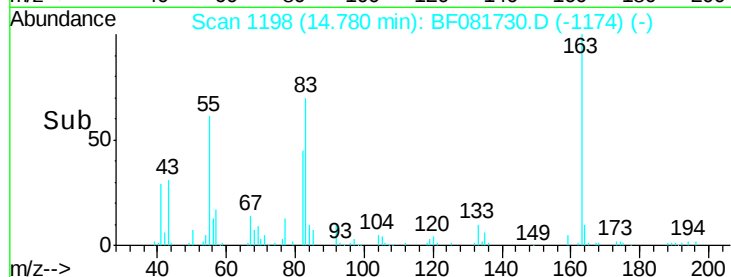
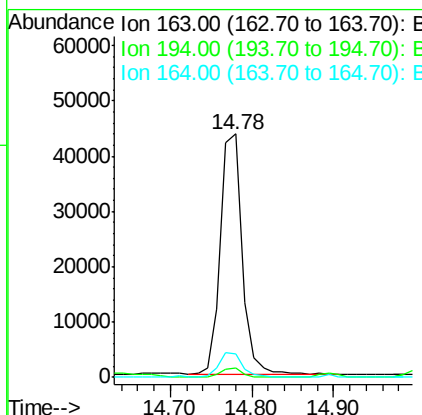
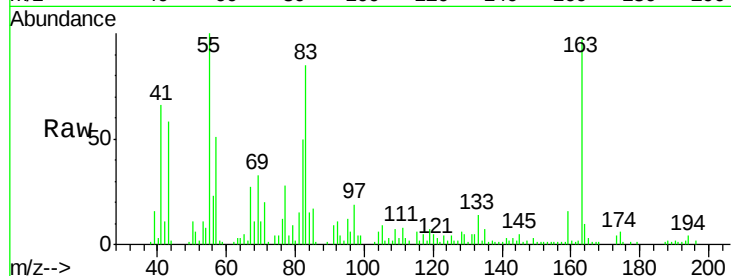




#49
Dimethylphthalate
Concen: 16.71 ng
RT: 14.78 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF081730.D
Acq: 22 Sep 2015 2:38

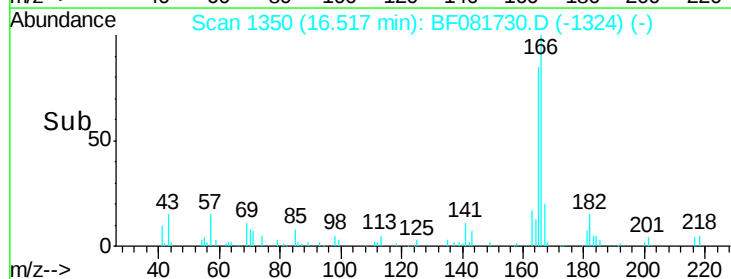
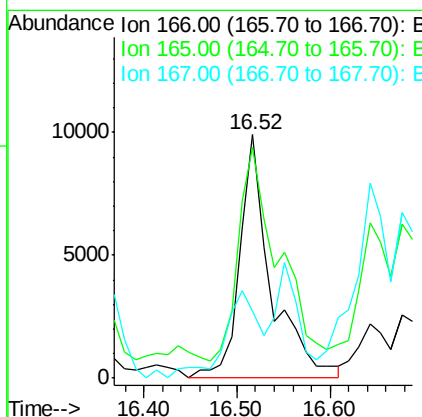
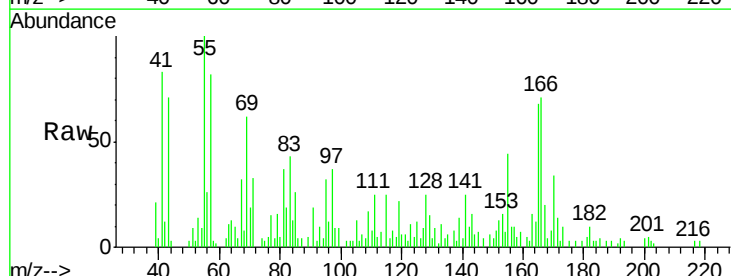
Instrument :
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TRENCH-1-1

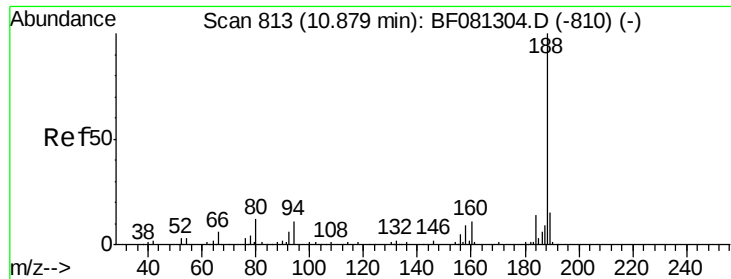
Tot Ion:163 Resp: 80778
Ion Ratio Lower Upper
163 100
194 3.8 4.4 6.6#
164 9.9 8.3 12.5



#57
Fluorene
Concen: 5.02 ng
RT: 16.52 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF081730.D
Acq: 22 Sep 2015 2:38

Tgt Ion:166 Resp: 23219
Ion Ratio Lower Upper
166 100
165 94.9 72.6 109.0
167 27.4 10.6 16.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.71 min Scan# 1542

Delta R.T. 0.01 min

Lab File: BF081730.D

Acq: 22 Sep 2015 2:38

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-1

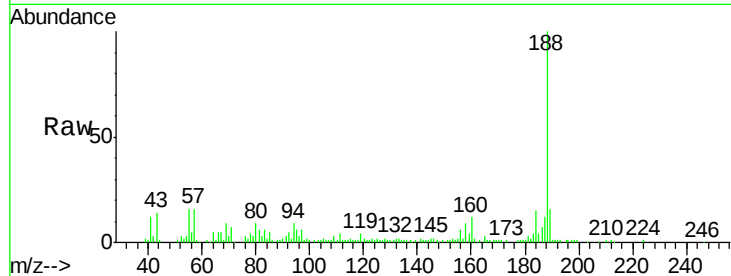
Tot Ion:188 Resp: 122655

Ion Ratio Lower Upper

188 100

94 8.5 11.1 16.7#

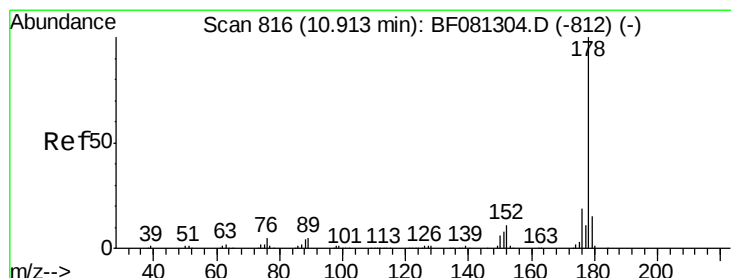
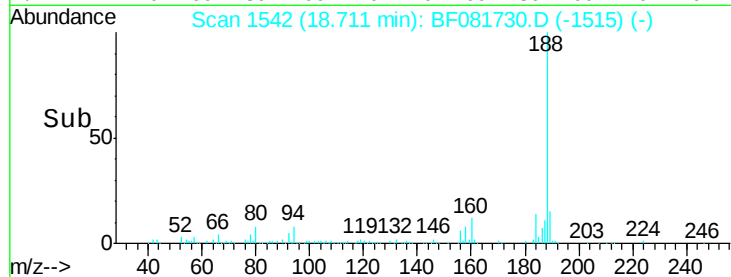
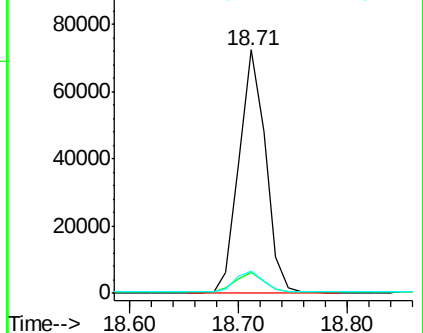
80 9.1 11.0 16.4#



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



#70

Phenanthrene

Concen: 9.70 ng

RT: 18.77 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BF081730.D

Acq: 22 Sep 2015 2:38

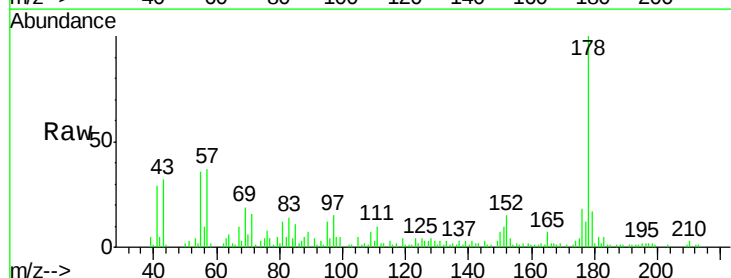
Tgt Ion:178 Resp: 66157

Ion Ratio Lower Upper

178 100

176 18.5 13.8 20.8

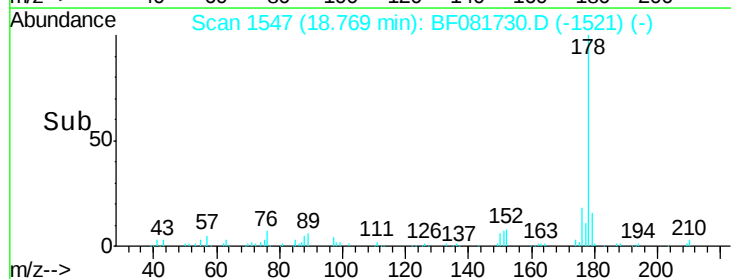
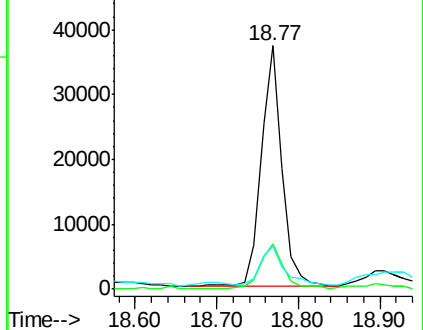
179 17.5 12.2 18.2

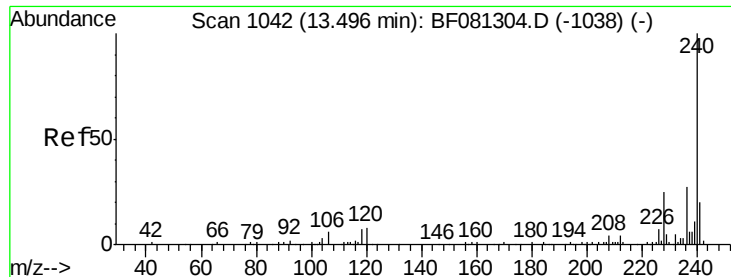


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

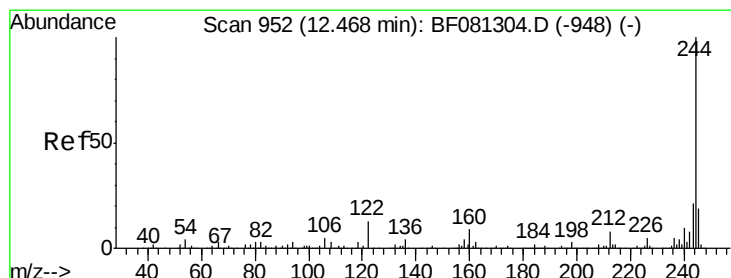
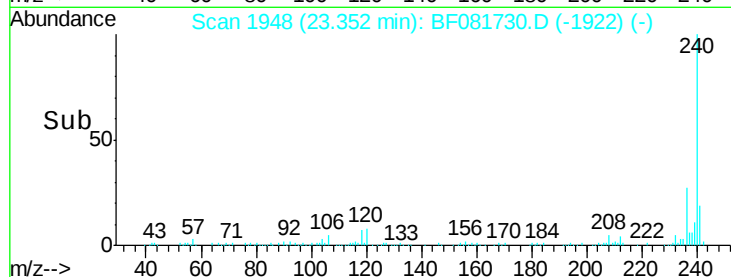
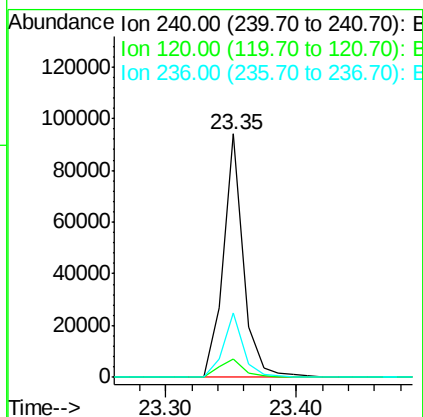
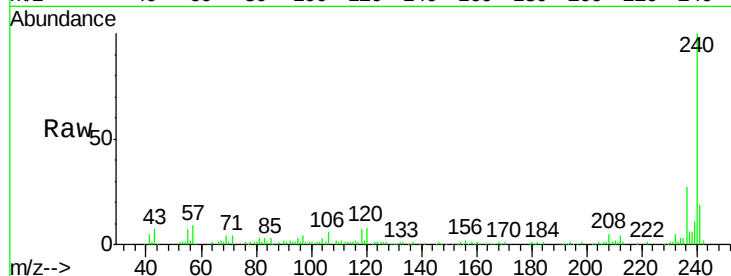




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 23.35 min Scan# 1948
 Delta R.T. 0.00 min
 Lab File: BF081730.D
 Acq: 22 Sep 2015 2:38

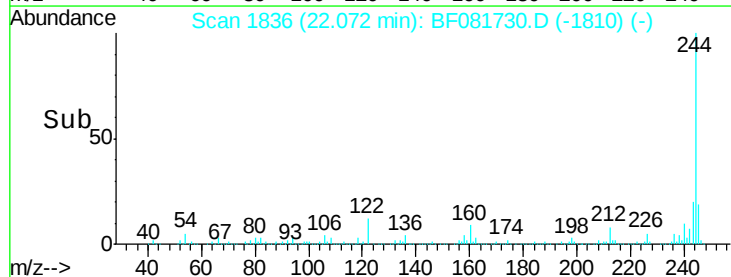
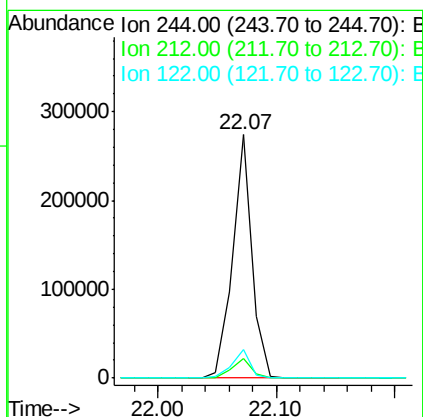
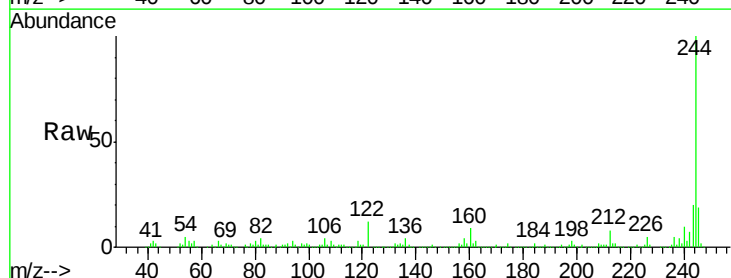
Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-1

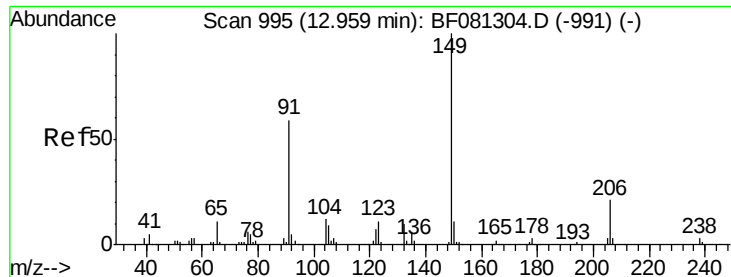
Tot Ion:240 Resp: 100948
 Ion Ratio Lower Upper
 240 100
 120 7.8 16.2 24.2#
 236 26.7 18.4 27.6



#78
 Terphenyl-d14
 Concen: 71.38 ng
 RT: 22.07 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: BF081730.D
 Acq: 22 Sep 2015 2:38

Tgt Ion:244 Resp: 309548
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.3 6.5#
 122 11.6 17.4 26.2#

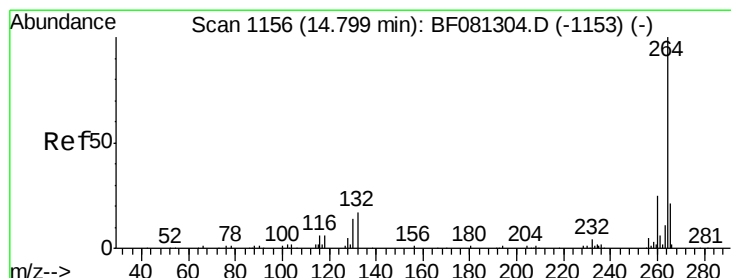
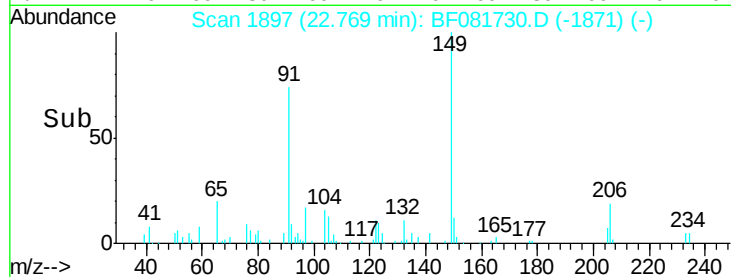
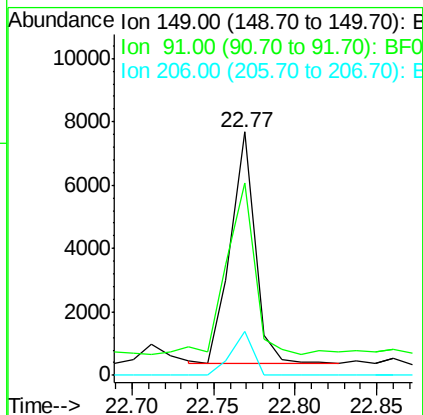
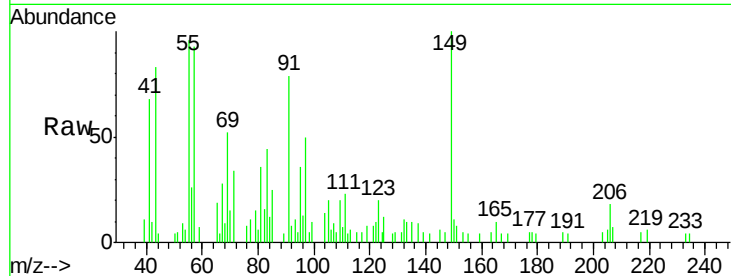




#79
Butylbenzylphthalate
Concen: 2.31 ng
RT: 22.77 min Scan# 1897
Delta R.T. 0.00 min
Lab File: BF081730.D
Acq: 22 Sep 2015 2:38

Instrument :
BNA_F
ClientSampleId :
TRENCH-1-1

Tot Ion:149 Resp: 7497
Ion Ratio Lower Upper
149 100
91 78.8 48.6 72.8#
206 17.8 14.9 22.3



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BF081730.D
Acq: 22 Sep 2015 2:38

Tgt Ion:264 Resp: 75475
Ion Ratio Lower Upper
264 100
260 23.9 16.7 25.1
265 20.2 17.2 25.8

