

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
 Data File : BF081751.D
 Acq On : 22 Sep 2015 21:52
 Operator : UM/IZ
 Sample : G3747-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-4

Quant Time: Sep 23 01:01:18 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

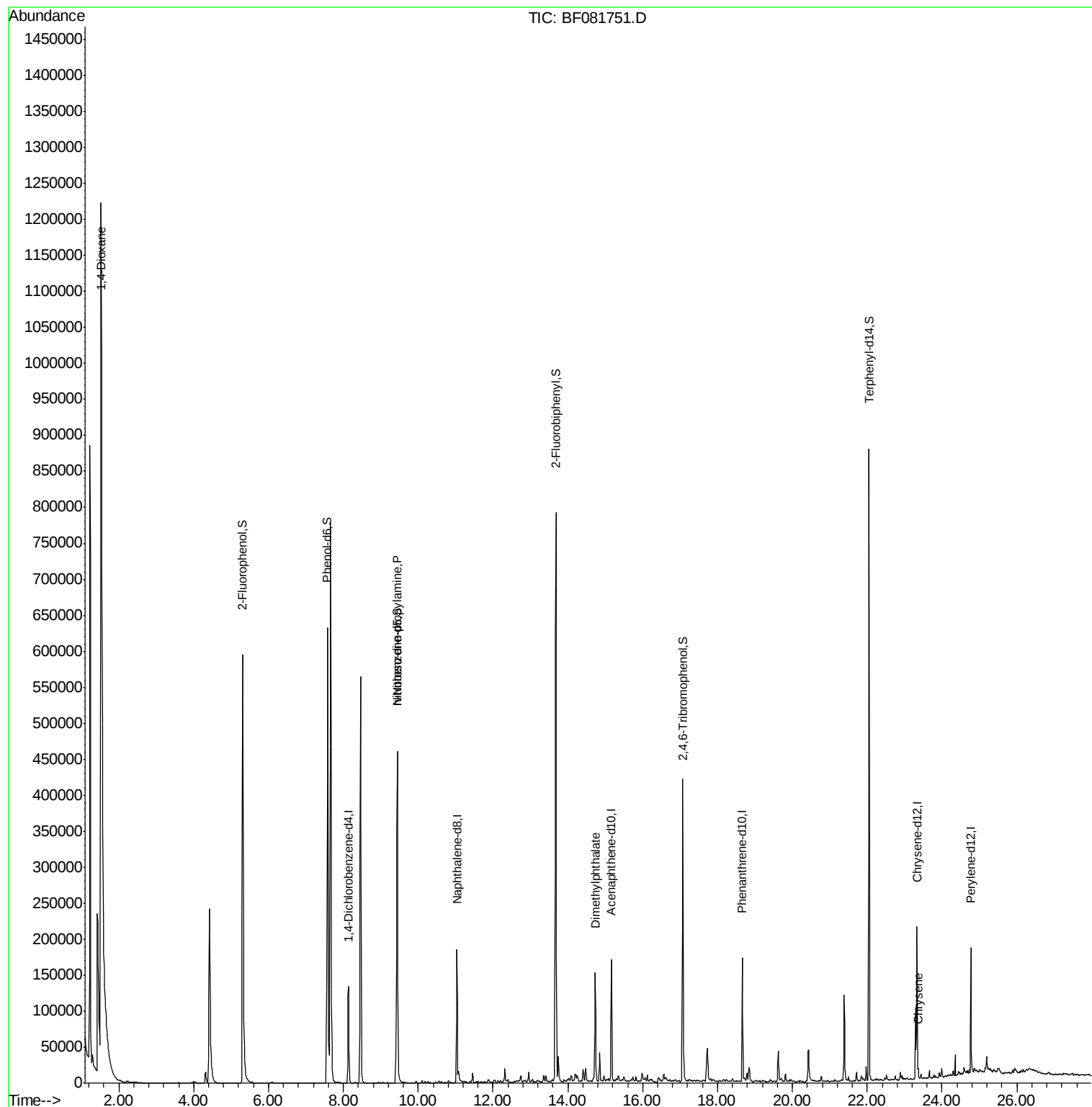
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	37085	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	139696	20.00	ng	-0.01
38) Acenaphthene-d10	15.16	164	63884	20.00	ng	-0.01
63) Phenanthrene-d10	18.67	188	115853	20.00	ng	-0.01
75) Chrysene-d12	23.33	240	77700	20.00	ng	0.00
86) Perylene-d12	24.77	264	66346	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	301439	126.11	ng	0.02
7) Phenol-d6	7.58	99	426457	134.79	ng	0.00
23) Nitrobenzene-d5	9.44	82	275234	95.06	ng	-0.01
41) 2,4,6-Tribromophenol	17.08	330	78477	137.96	ng	0.00
44) 2-Fluorobiphenyl	13.68	172	448852	90.04	ng	-0.01
78) Terphenyl-d14	22.05	244	319242	95.64	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.52	88	77131	71.85	ng	# 11
19) n-Nitroso-di-n-propylamine	9.44	70	37136	17.25	ng	# 69
49) Dimethylphthalate	14.73	163	94574	19.05	ng	# 97
82) Chrysene	23.36	228	8978	2.02	ng	95

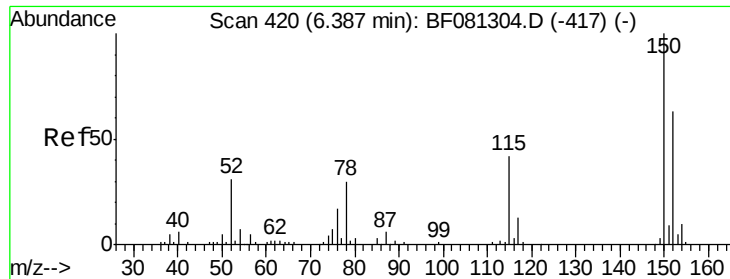
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081751.D

Acq: 22 Sep 2015 21:52

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-4

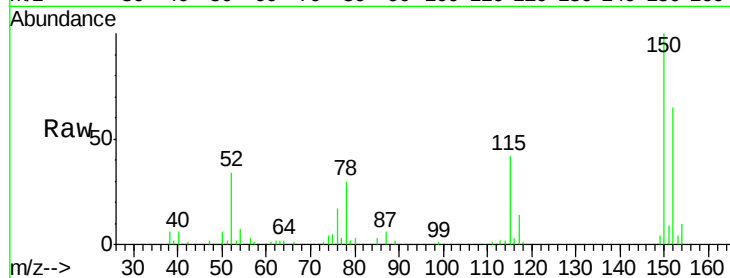
Tot Ion:152 Resp: 37085

Ion Ratio Lower Upper

152 100

150 154.3 124.7 187.1

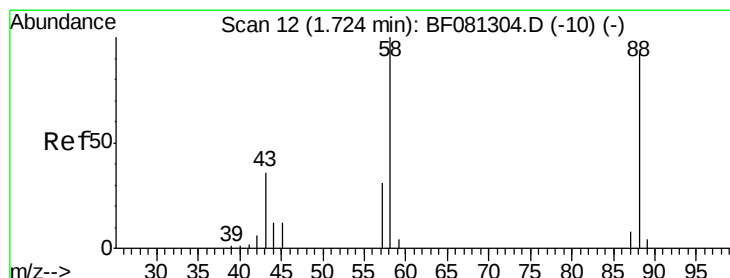
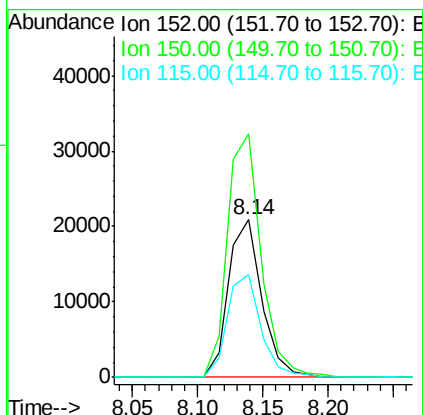
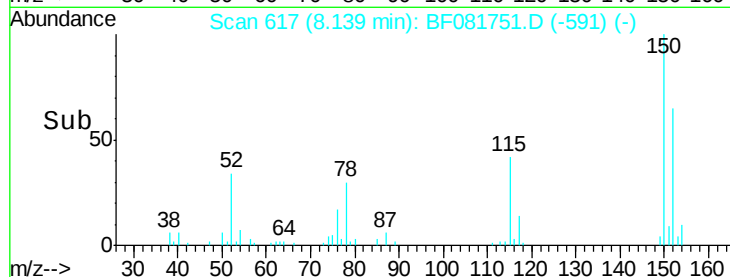
115 65.5 39.0 58.4#



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: 71.85 ng

RT: 1.52 min Scan# 38

Delta R.T. 0.01 min

Lab File: BF081751.D

Acq: 22 Sep 2015 21:52

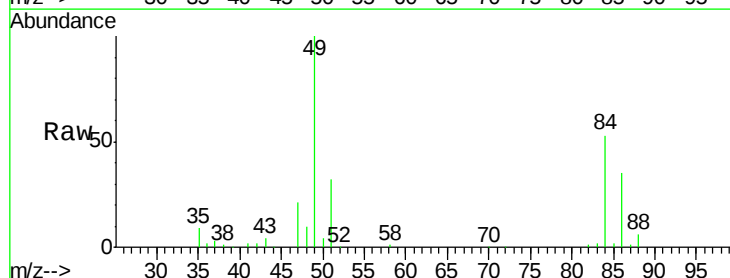
Tgt Ion: 88 Resp: 77131

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

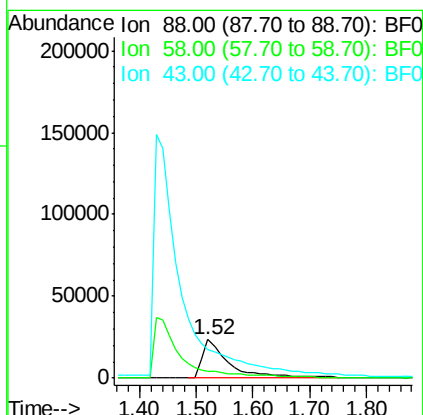
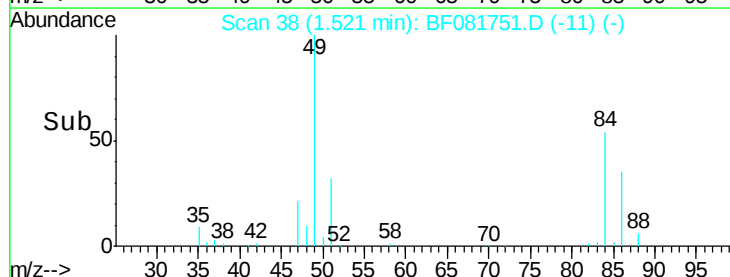
43 0.0 26.6 40.0#

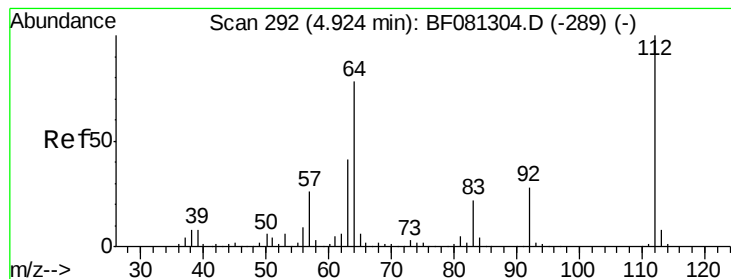


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 126.11 ng

RT: 5.30 min Scan# 369

Delta R.T. 0.02 min

Lab File: BF081751.D

Acq: 22 Sep 2015 21:52

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-4

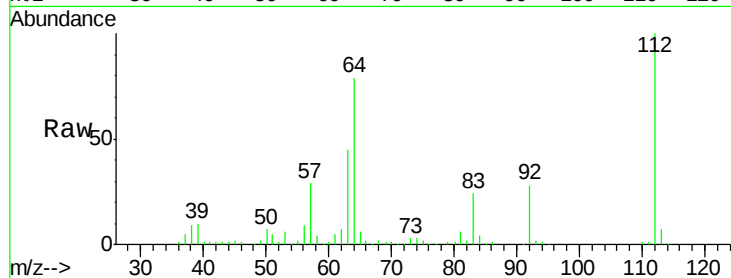
Tot Ion:112 Resp: 301439

Ion Ratio Lower Upper

112 100

64 79.1 39.7 59.5#

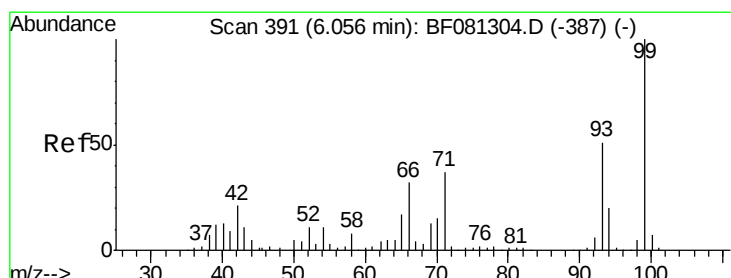
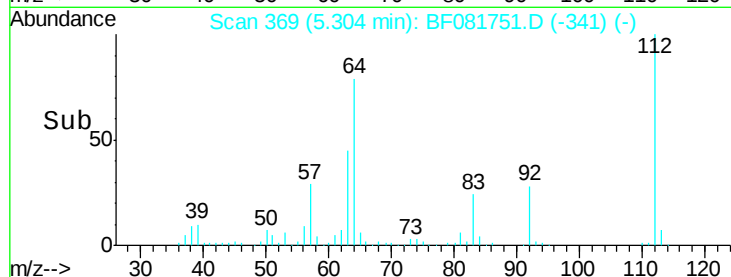
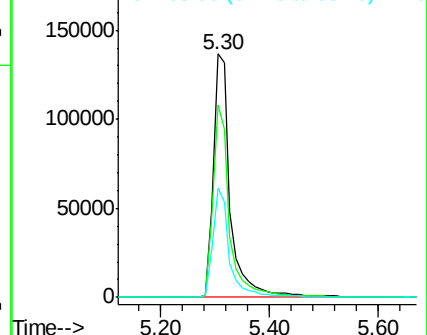
63 44.7 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 134.79 ng

RT: 7.58 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF081751.D

Acq: 22 Sep 2015 21:52

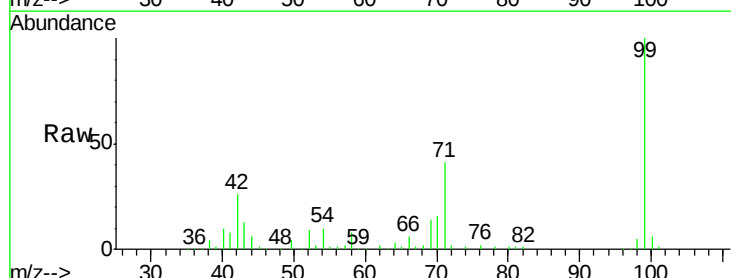
Tgt Ion: 99 Resp: 426457

Ion Ratio Lower Upper

99 100

42 26.1 13.7 20.5#

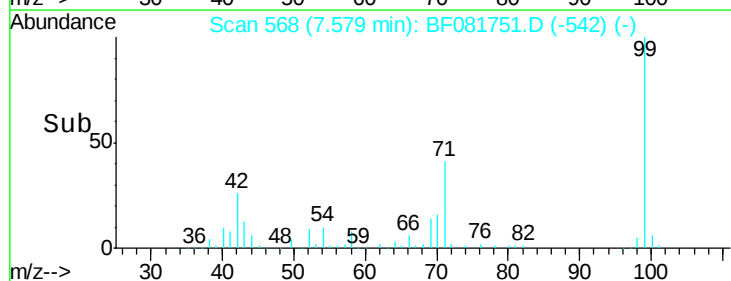
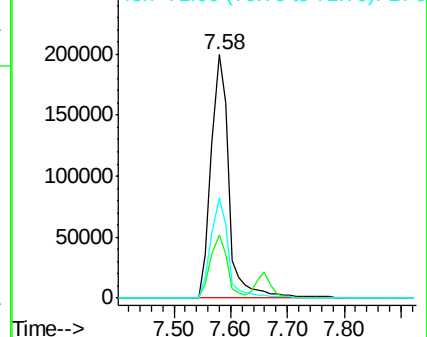
71 41.1 14.2 21.2#

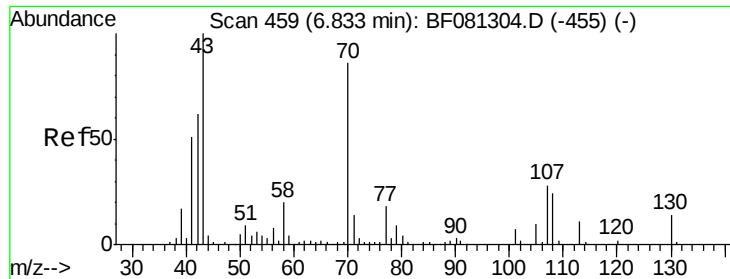


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

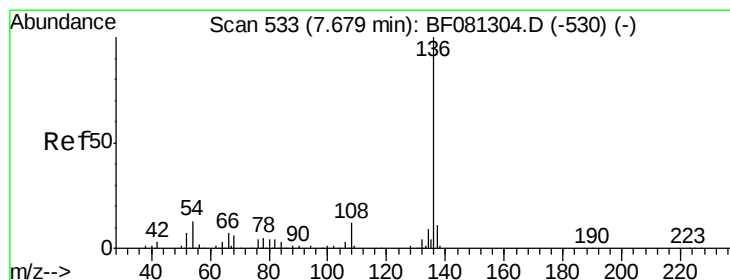
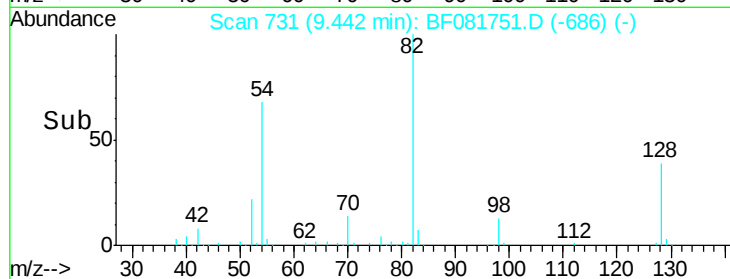
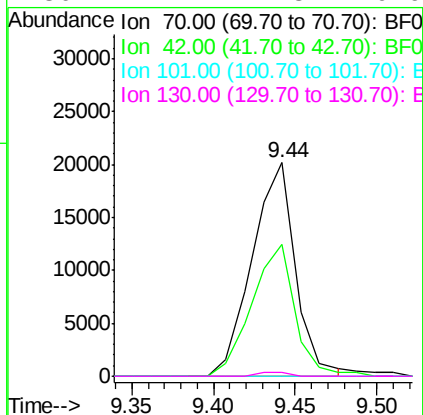
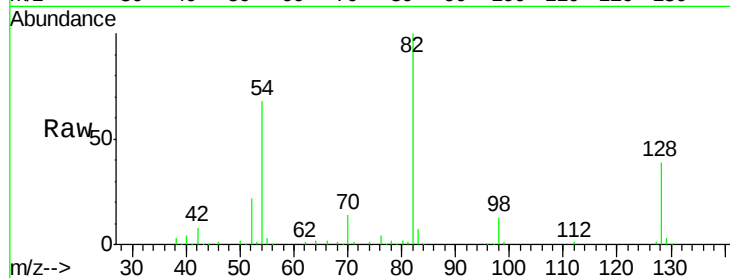




#19
n-Nitroso-di-n-propylamine
Concen: 17.25 ng
RT: 9.44 min Scan# 731
Delta R.T. 0.22 min
Lab File: BF081751.D
Acq: 22 Sep 2015 21:52

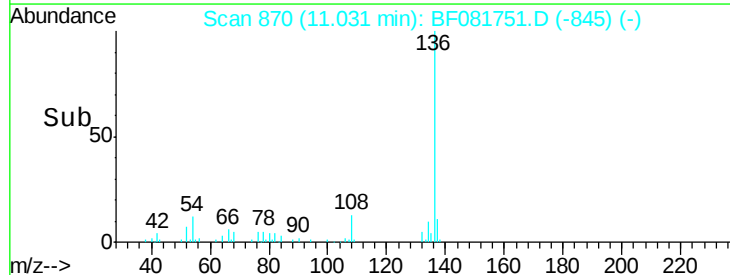
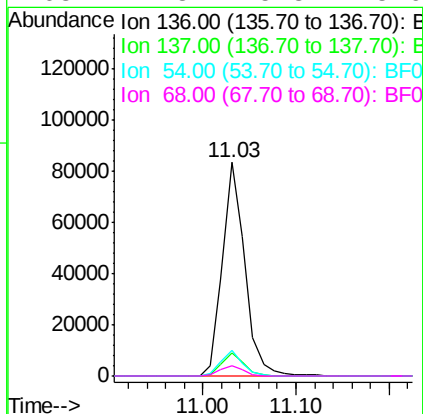
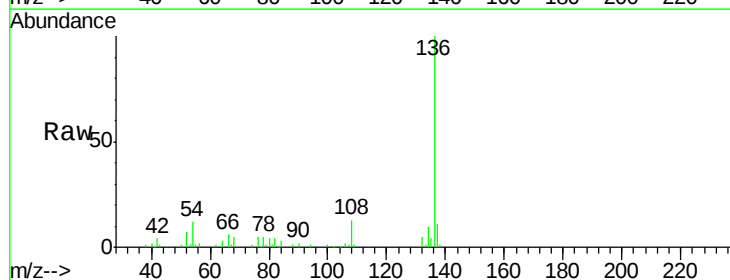
Instrument :
BNA_F
ClientSampleId :
TRENCH-1-4

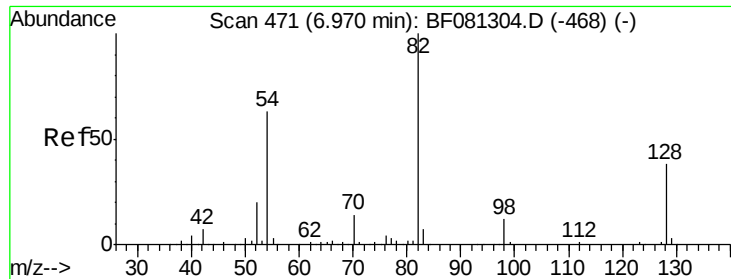
Tot Ion: 70 Resp: 37136
Ion Ratio Lower Upper
70 100
42 61.8 63.8 95.6#
101 0.0 9.2 13.8#
130 1.7 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF081751.D
Acq: 22 Sep 2015 21:52

Tgt Ion:136 Resp: 139696
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 12.0 8.2 12.2
68 4.8 5.8 8.6#

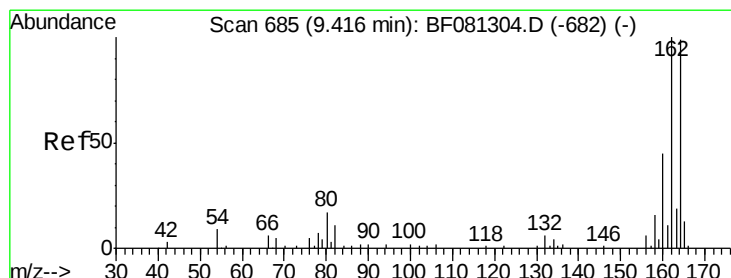
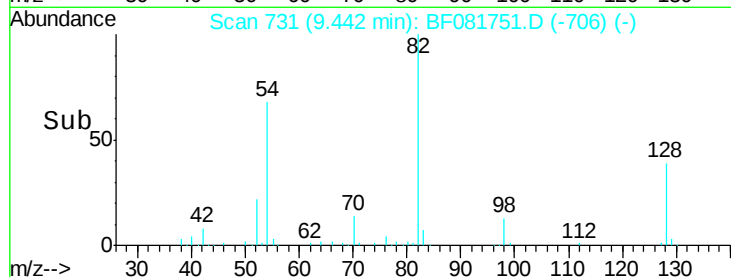
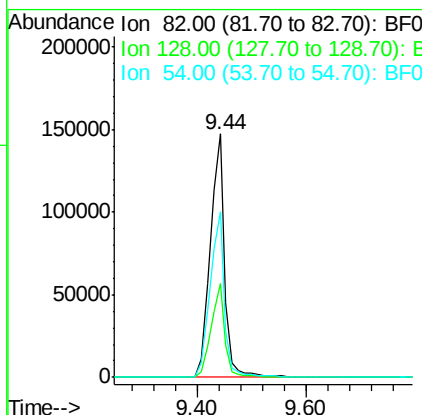
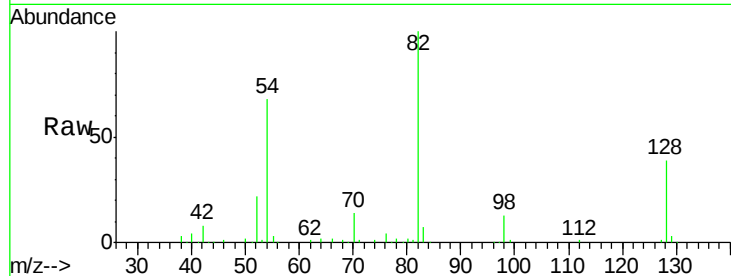




#23
 Nitrobenzene-d5
 Concen: 95.06 ng
 RT: 9.44 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF081751.D
 Acq: 22 Sep 2015 21:52

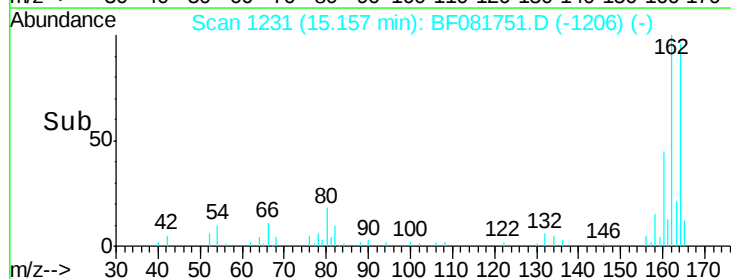
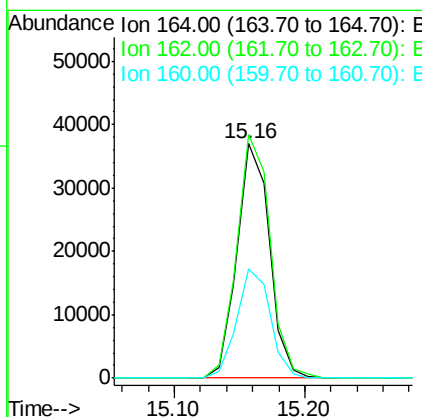
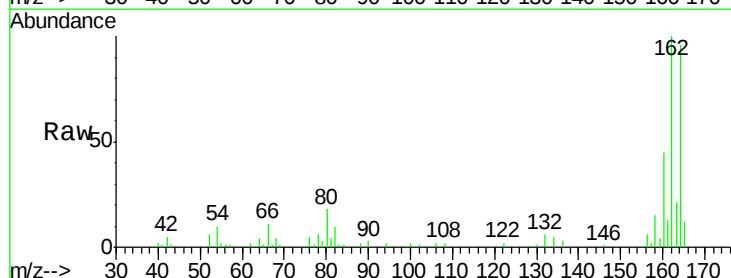
Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-4

Tot Ion: 82 Resp: 275234
 Ion Ratio Lower Upper
 82 100
 128 38.6 51.0 76.6#
 54 68.2 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF081751.D
 Acq: 22 Sep 2015 21:52

Tgt Ion: 164 Resp: 63884
 Ion Ratio Lower Upper
 164 100
 162 104.0 75.2 112.8
 160 46.8 31.5 47.3

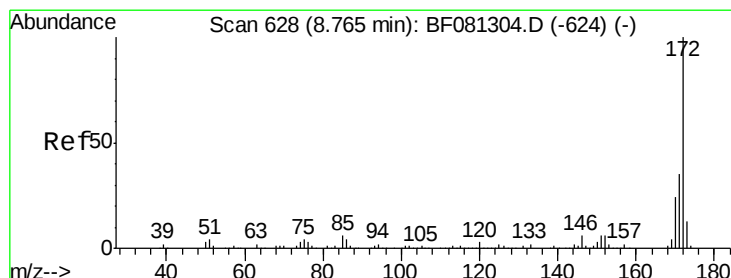
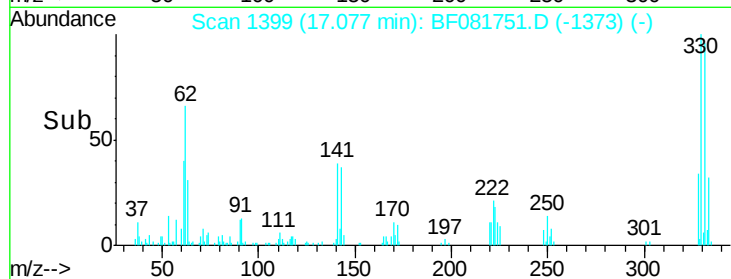
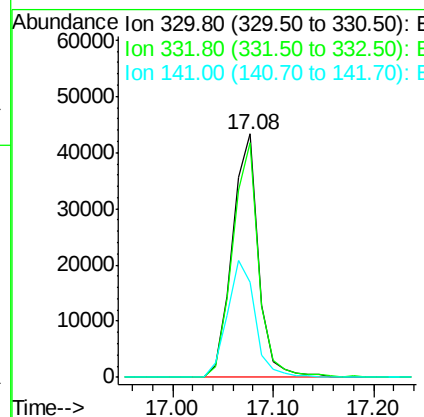
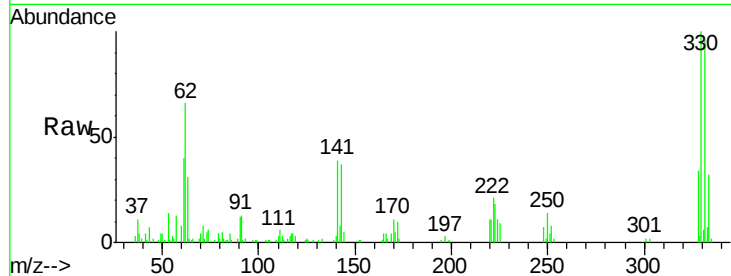




#41
 2,4,6-Tribromophenol
 Concen: 137.96 ng
 RT: 17.08 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF081751.D
 Acq: 22 Sep 2015 21:52

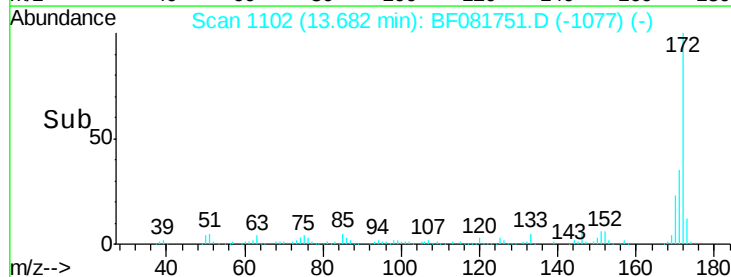
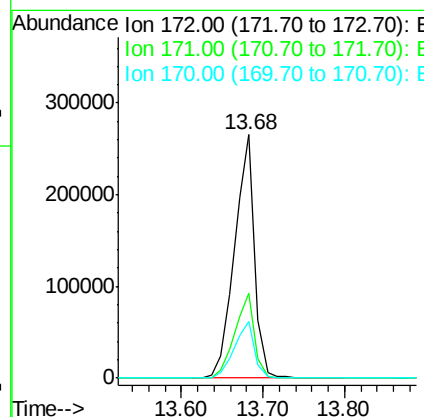
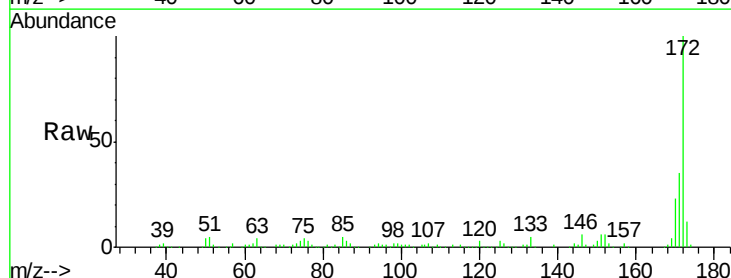
Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-4

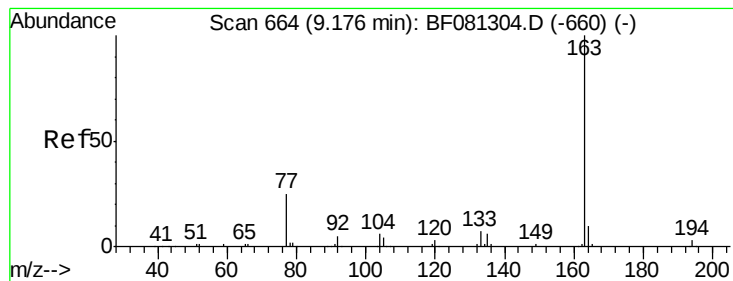
Tot Ion:330 Resp: 78477
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 50.7 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 90.04 ng
 RT: 13.68 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF081751.D
 Acq: 22 Sep 2015 21:52

Tgt Ion:172 Resp: 448852
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.1 39.1
 170 23.2 17.4 26.2





#49

Dimethylphthalate

Concen: 19.05 ng

RT: 14.73 min Scan# 1194

Delta R.T. -0.05 min

Lab File: BF081751.D

Acq: 22 Sep 2015 21:52

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-4

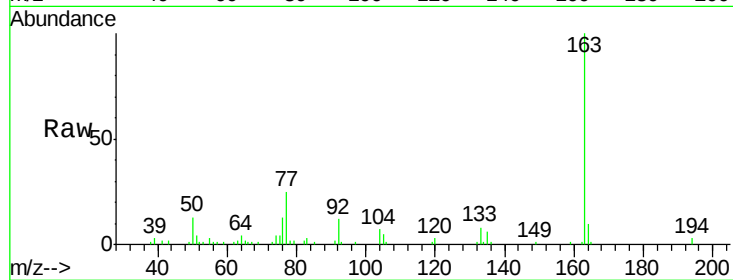
Tot Ion:163 Resp: 94574

Ion Ratio Lower Upper

163 100

194 2.9 4.4 6.6#

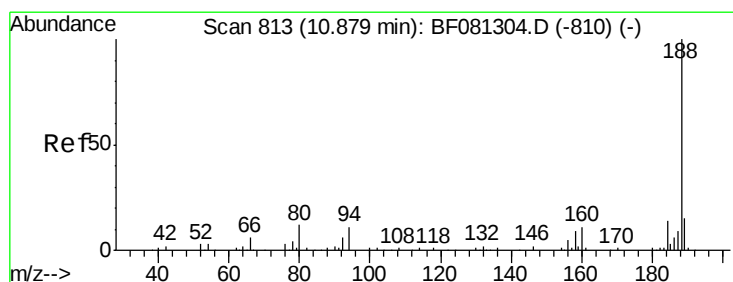
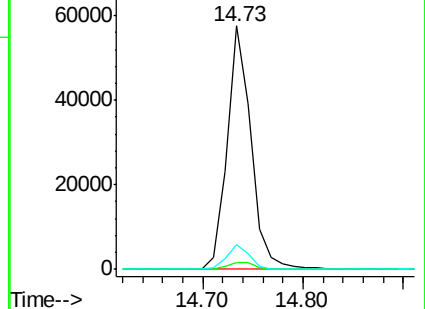
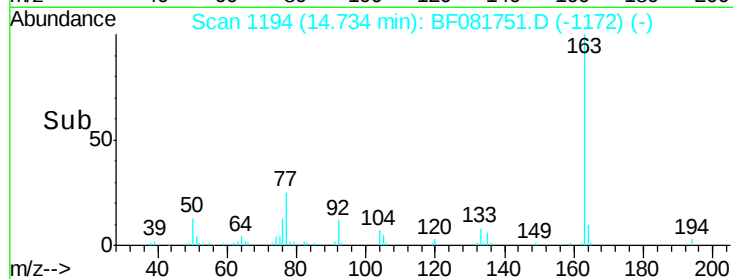
164 10.1 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.67 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BF081751.D

Acq: 22 Sep 2015 21:52

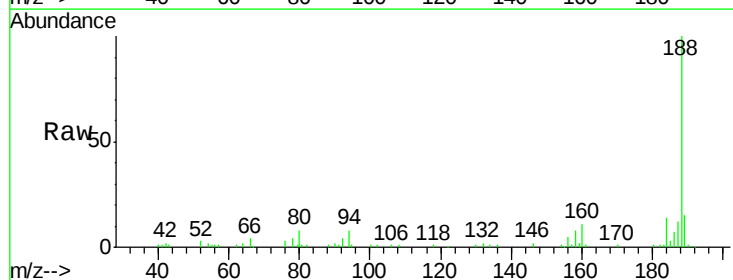
Tgt Ion:188 Resp: 115853

Ion Ratio Lower Upper

188 100

94 7.9 11.1 16.7#

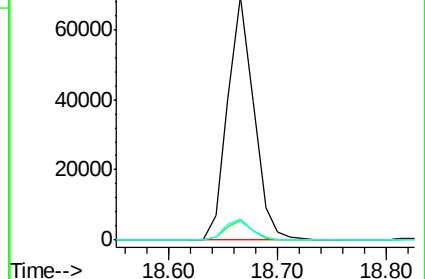
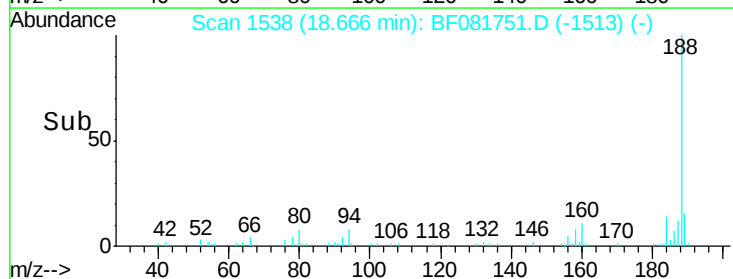
80 8.4 11.0 16.4#

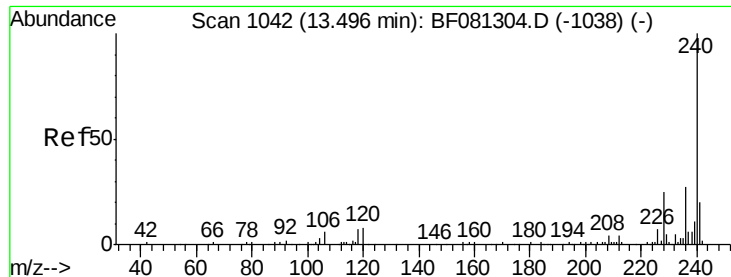


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.33 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BF081751.D

Acq: 22 Sep 2015 21:52

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-4

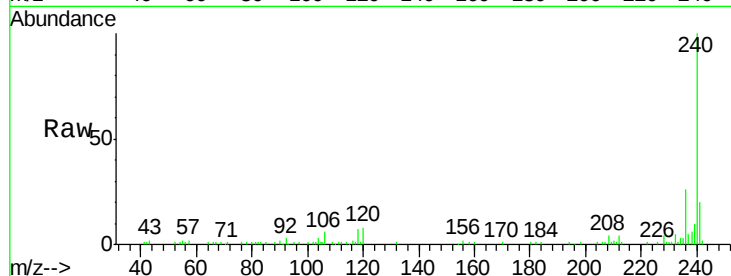
Tot Ion:240 Resp: 77700

Ion Ratio Lower Upper

240 100

120 7.9 16.2 24.2#

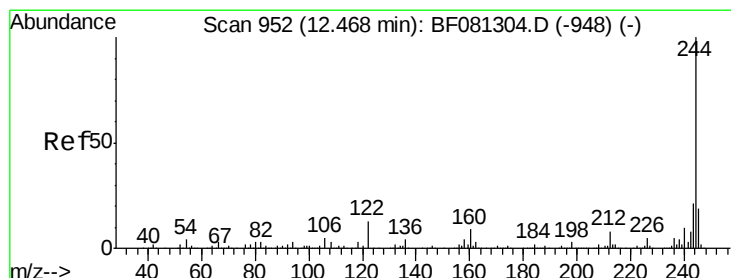
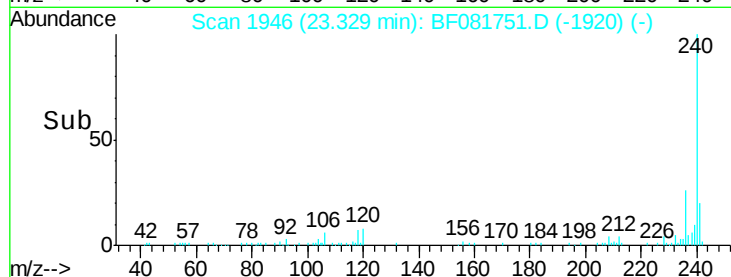
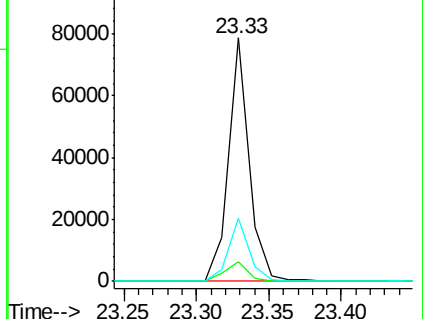
236 25.9 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 95.64 ng

RT: 22.05 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BF081751.D

Acq: 22 Sep 2015 21:52

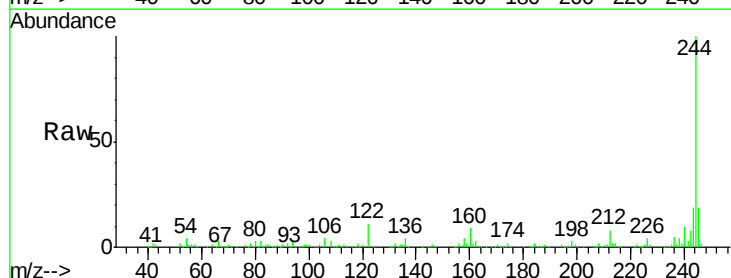
Tgt Ion:244 Resp: 319242

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

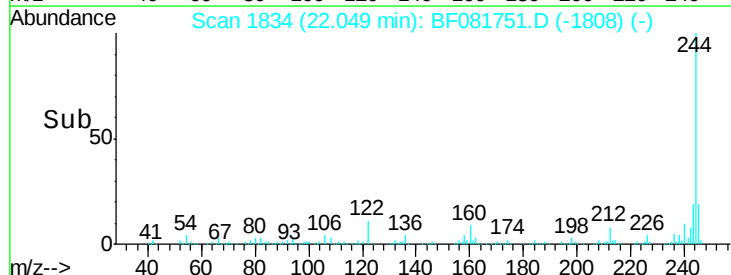
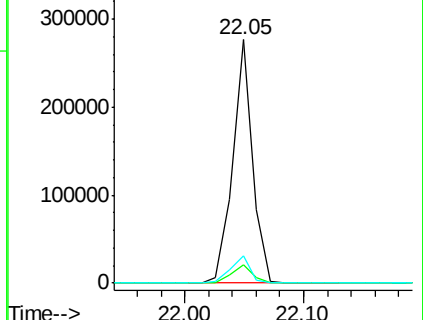
122 11.4 17.4 26.2#

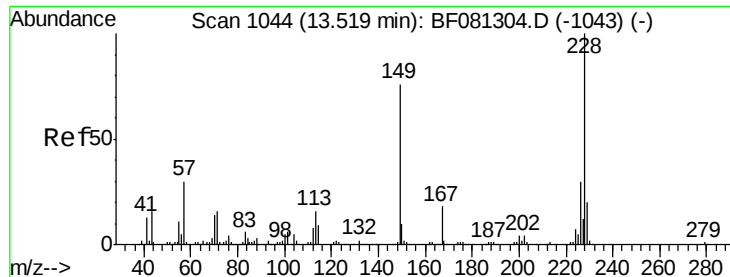


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#82

Chrysene

Concen: 2.02 ng

RT: 23.36 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BF081751.D

Acq: 22 Sep 2015 21:52

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-4

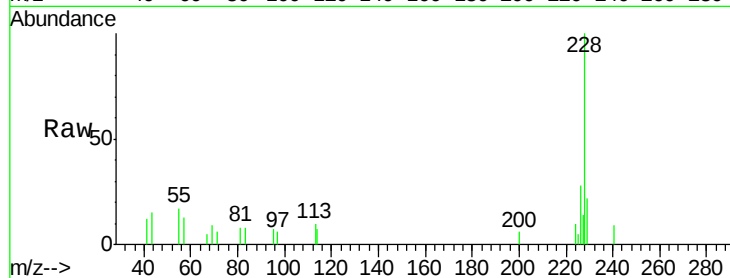
Tot Ion:228 Resp: 8978

Ion Ratio Lower Upper

228 100

226 28.4 21.0 31.4

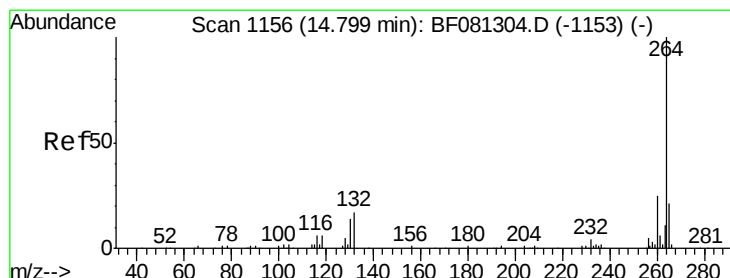
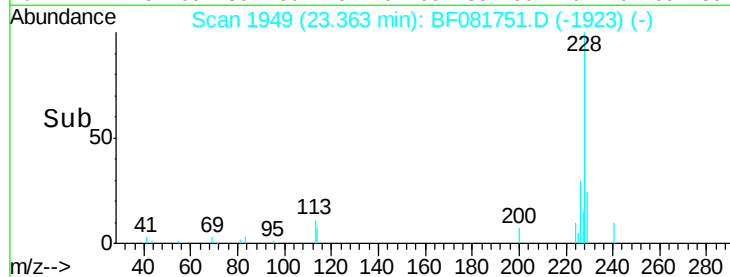
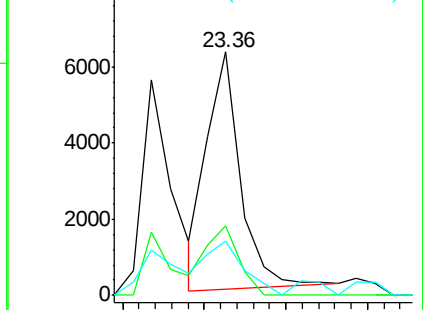
229 22.3 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.77 min Scan# 2072

Delta R.T. 0.00 min

Lab File: BF081751.D

Acq: 22 Sep 2015 21:52

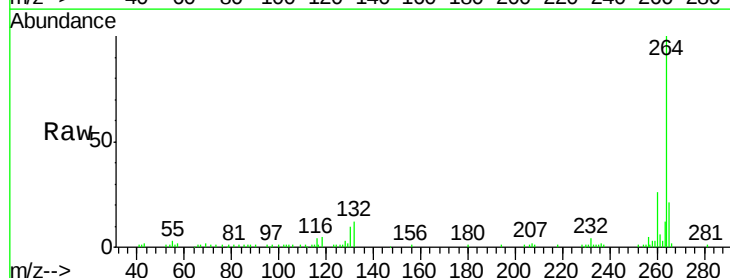
Tgt Ion:264 Resp: 66346

Ion Ratio Lower Upper

264 100

260 25.7 16.7 25.1#

265 20.8 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

