

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
 Data File : BF081750.D
 Acq On : 22 Sep 2015 21:15
 Operator : UM/IZ
 Sample : G3747-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-3

Quant Time: Sep 23 01:01:03 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

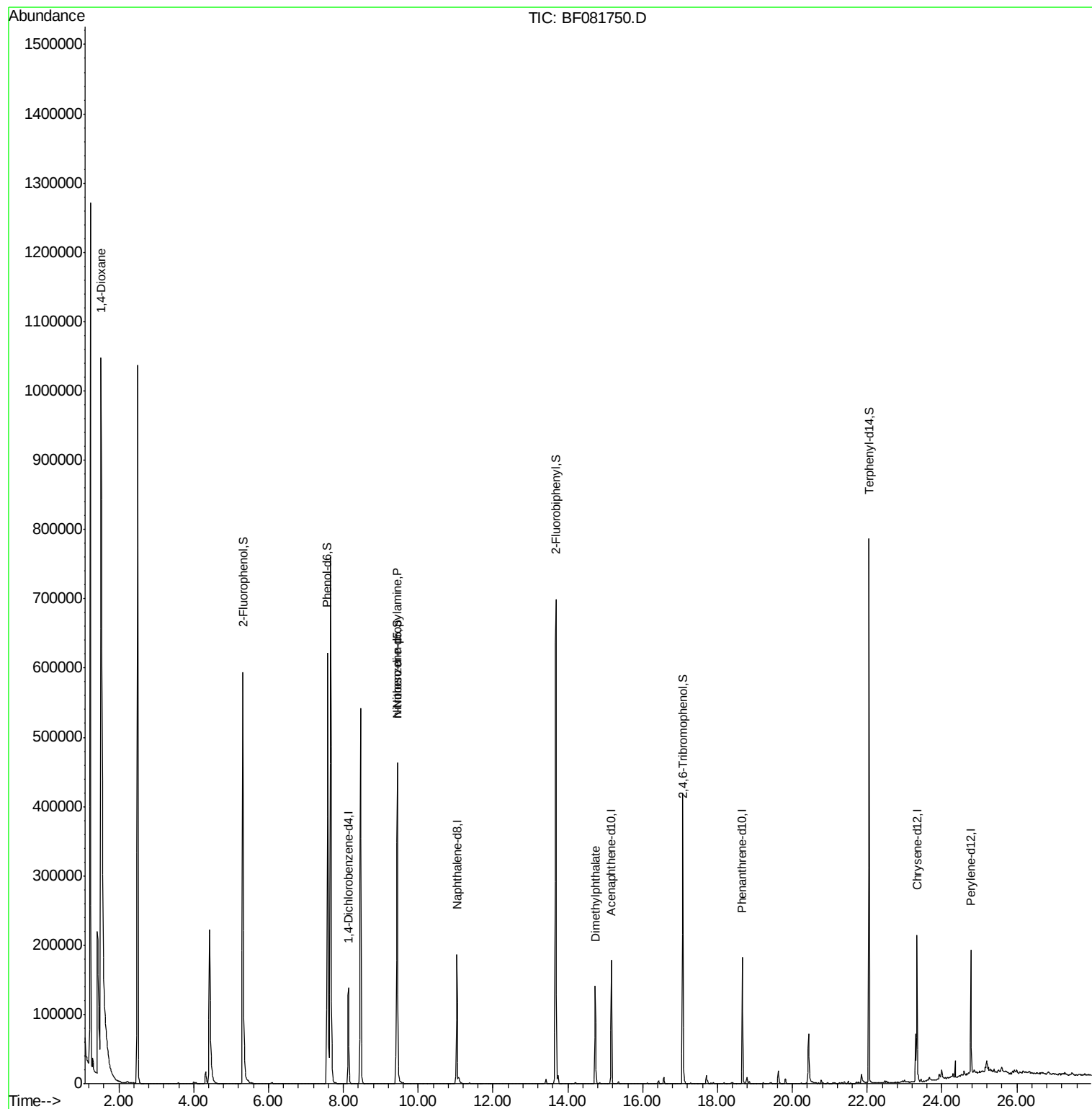
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	38443	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	149156	20.00	ng	-0.01
38) Acenaphthene-d10	15.16	164	67776	20.00	ng	-0.01
63) Phenanthrene-d10	18.67	188	125671	20.00	ng	-0.01
75) Chrysene-d12	23.33	240	80974	20.00	ng	0.00
86) Perylene-d12	24.77	264	69058	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	304202	122.77	ng	0.03
7) Phenol-d6	7.58	99	426327	129.99	ng	0.00
23) Nitrobenzene-d5	9.44	82	275386	89.08	ng	-0.01
41) 2,4,6-Tribromophenol	17.08	330	78451	130.00	ng	0.00
44) 2-Fluorobiphenyl	13.68	172	428916	81.10	ng	-0.01
78) Terphenyl-d14	22.05	244	283827	81.59	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.52	88	64491	57.95	ng	# 11
19) n-Nitroso-di-n-propylamine	9.44	70	37641	16.86	ng	# 66
49) Dimethylphthalate	14.73	163	97378	18.49	ng	# 96

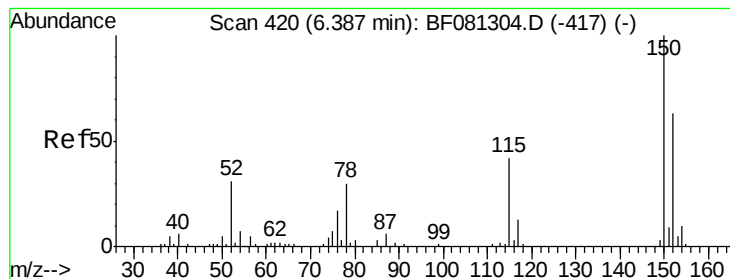
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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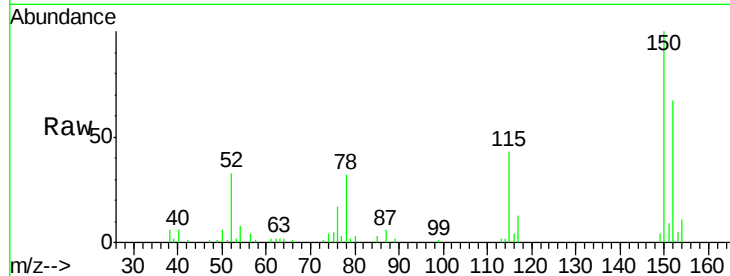


#1

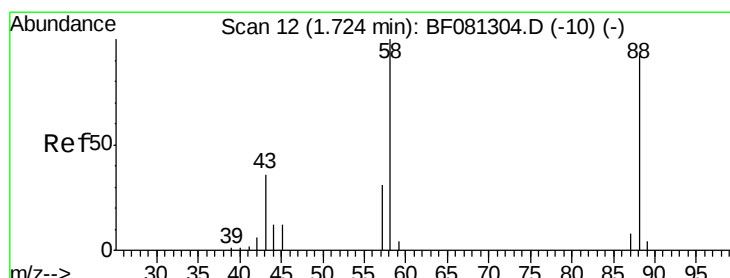
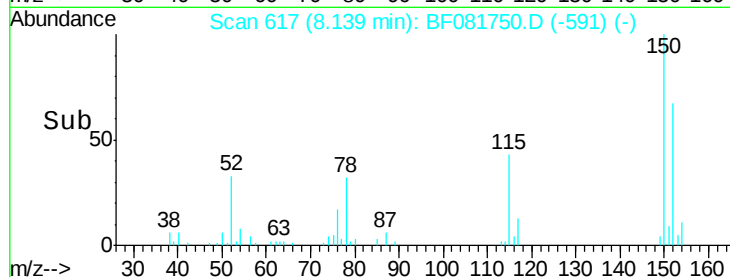
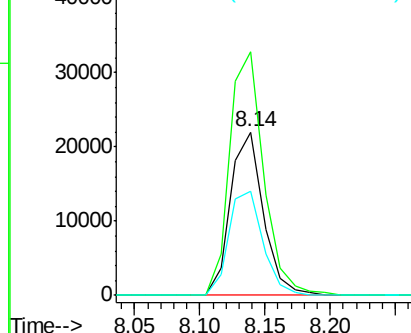
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 617
Delta R.T. -0.00 min
Lab File: BF081750.D
Acq: 22 Sep 2015 21:15

Instrument :
BNA_F
ClientSampleId :
TRENCH-1-3

Tot Ion:152 Resp: 38443
Ion Ratio Lower Upper
152 100
150 149.1 124.7 187.1
115 63.5 39.0 58.4#



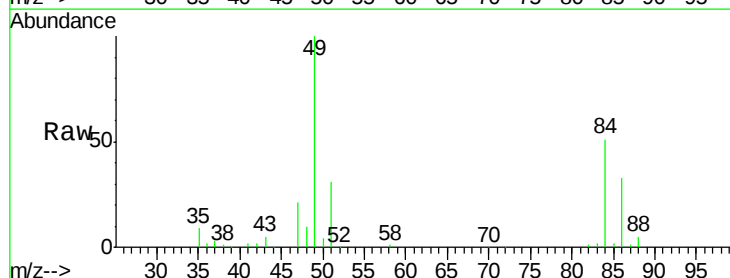
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



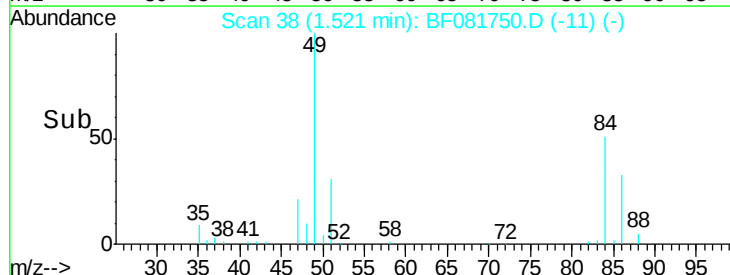
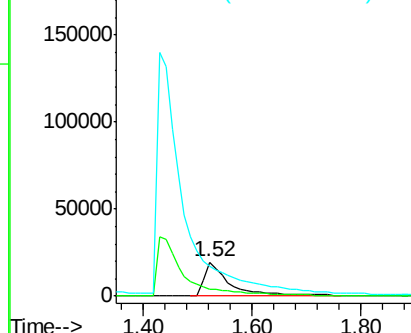
#2

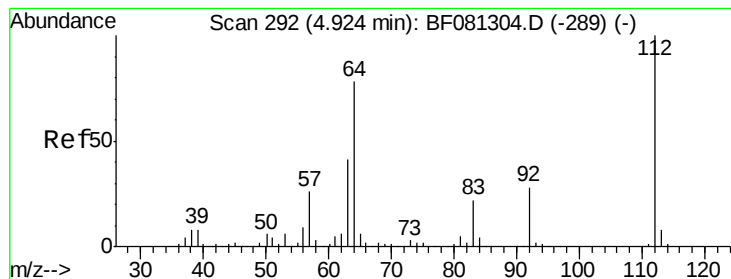
1,4-Dioxane
Concen: 57.95 ng
RT: 1.52 min Scan# 38
Delta R.T. 0.01 min
Lab File: BF081750.D
Acq: 22 Sep 2015 21:15

Tgt Ion: 88 Resp: 64491
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: 122.77 ng

RT: 5.32 min Scan# 370

Delta R.T. 0.03 min

Lab File: BF081750.D

Acq: 22 Sep 2015 21:15

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-3

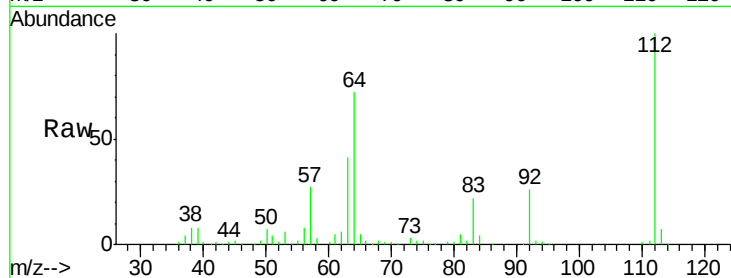
Tot Ion: 112 Resp: 304202

Ion Ratio Lower Upper

112 100

64 71.7 39.7 59.5#

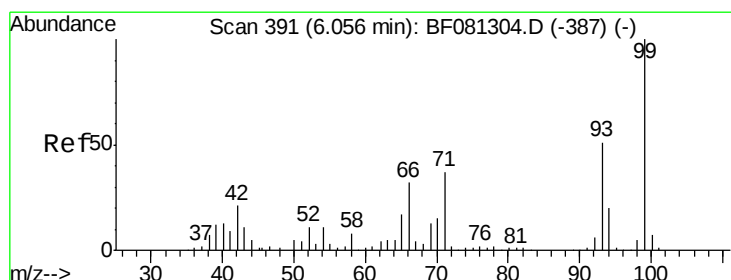
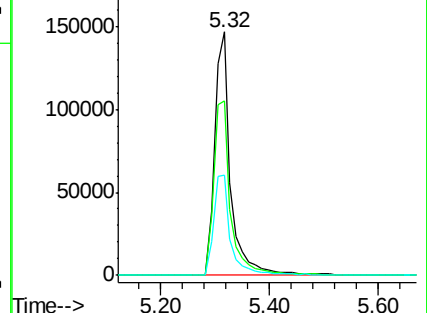
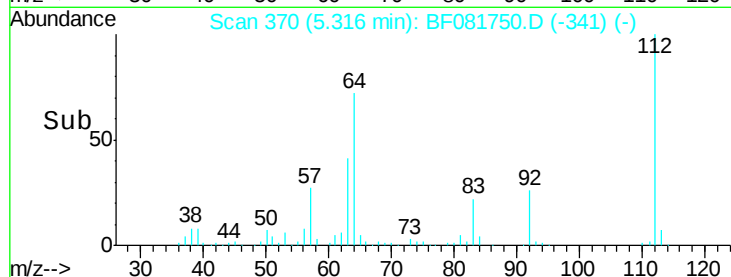
63 41.2 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 129.99 ng

RT: 7.58 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF081750.D

Acq: 22 Sep 2015 21:15

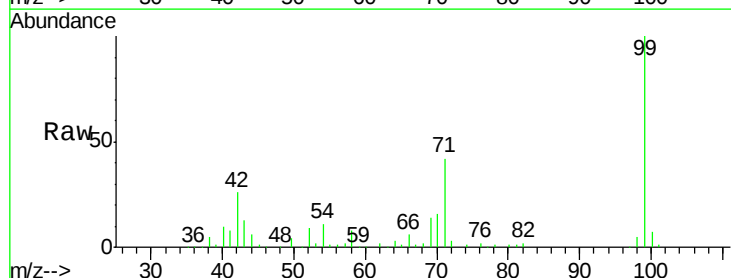
Tgt Ion: 99 Resp: 426327

Ion Ratio Lower Upper

99 100

42 26.5 13.7 20.5#

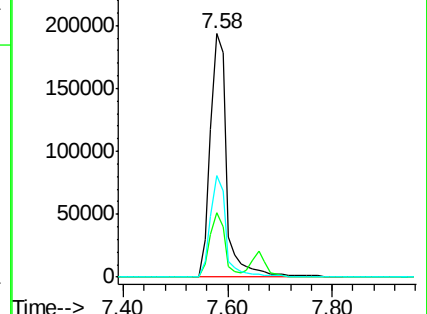
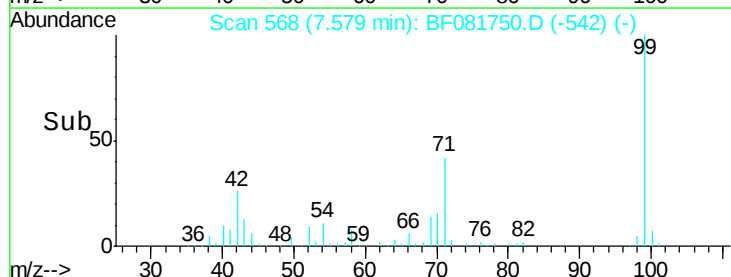
71 41.9 14.2 21.2#

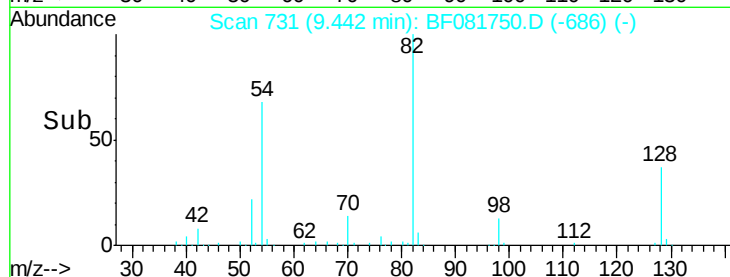
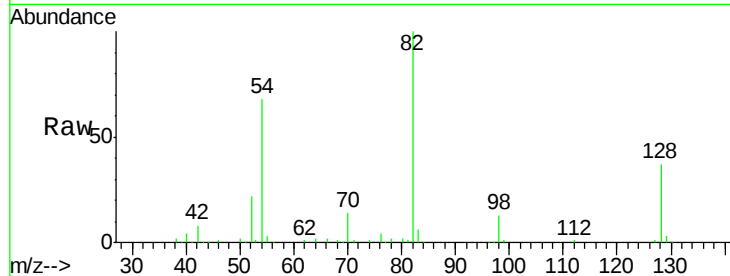
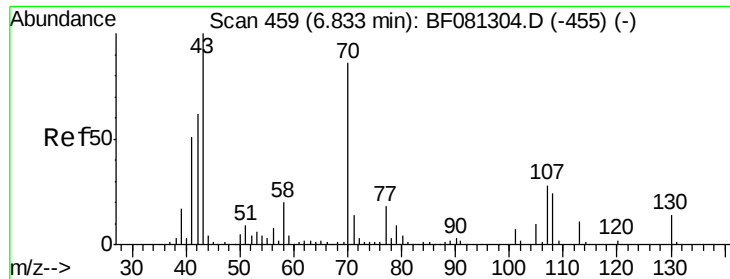


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

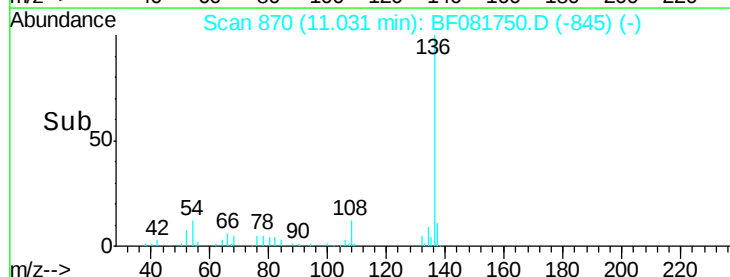
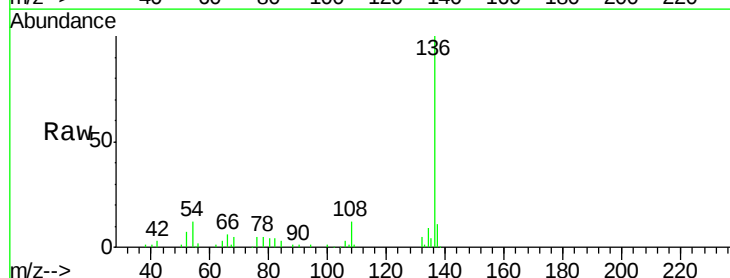
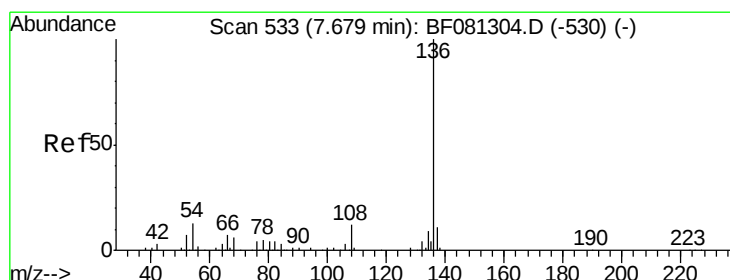
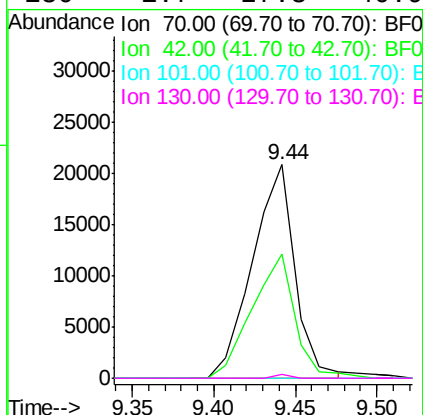




#19
n-Nitroso-di-n-propylamine
Concen: 16.86 ng
RT: 9.44 min Scan# 731
Delta R.T. 0.22 min
Lab File: BF081750.D
Acq: 22 Sep 2015 21:15

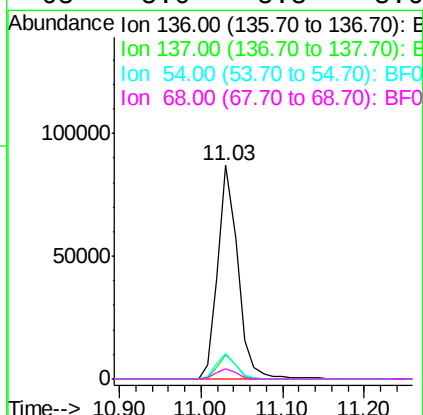
Instrument :
BNA_F
ClientSampleId :
TRENCH-1-3

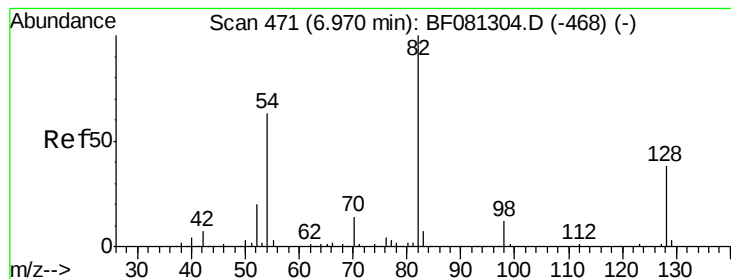
Tot Ion: 70 Resp: 37641
Ion Ratio Lower Upper
70 100
42 58.2 63.8 95.6#
101 0.0 9.2 13.8#
130 1.7 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF081750.D
Acq: 22 Sep 2015 21:15

Tgt Ion: 136 Resp: 149156
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 11.8 8.2 12.2
68 5.0 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 89.08 ng

RT: 9.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF081750.D

Acq: 22 Sep 2015 21:15

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-3

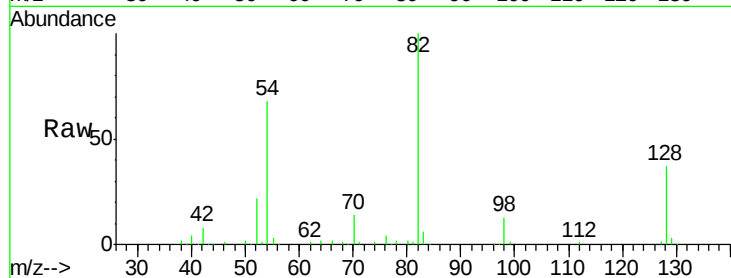
Tot Ion: 82 Resp: 275386

Ion Ratio Lower Upper

82 100

128 37.3 51.0 76.6#

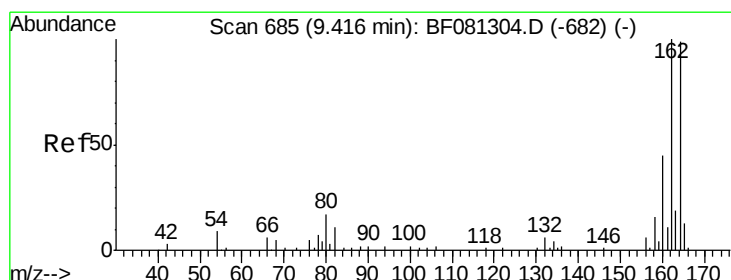
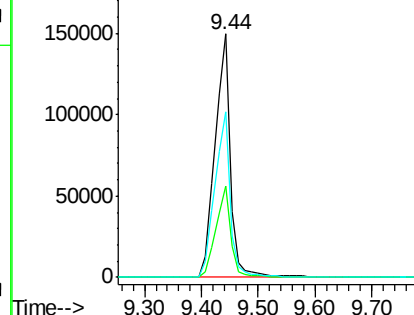
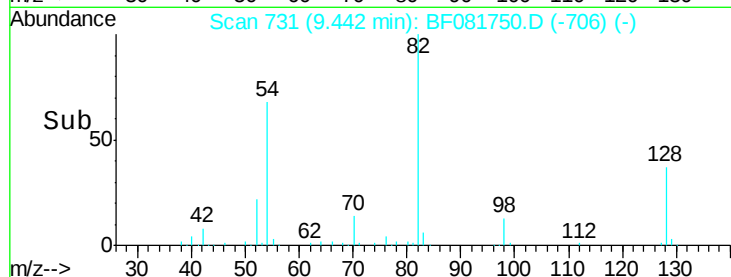
54 68.0 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.16 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF081750.D

Acq: 22 Sep 2015 21:15

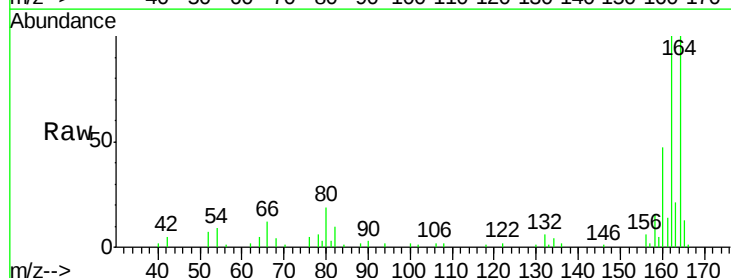
Tgt Ion: 164 Resp: 67776

Ion Ratio Lower Upper

164 100

162 99.6 75.2 112.8

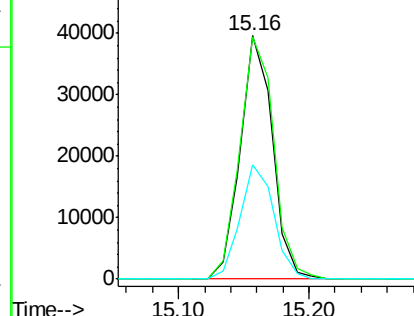
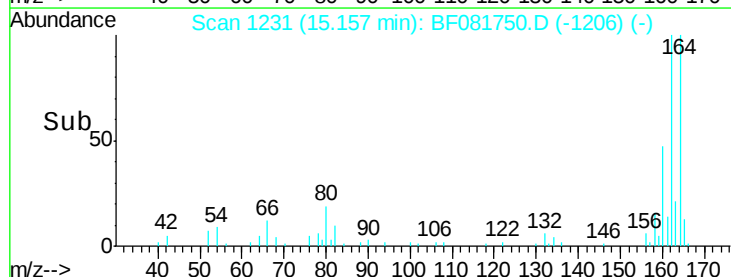
160 47.0 31.5 47.3

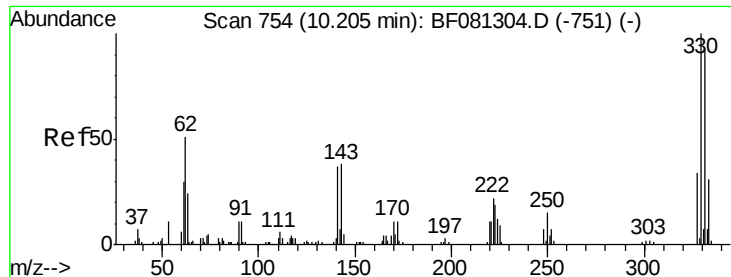


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

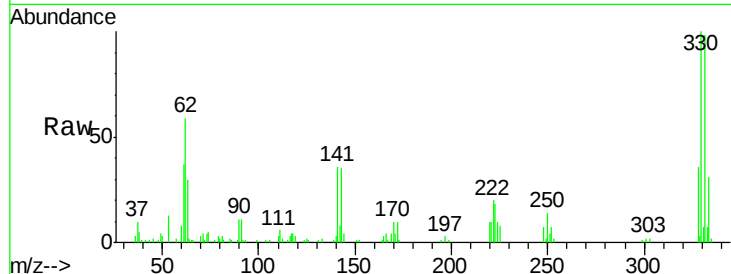




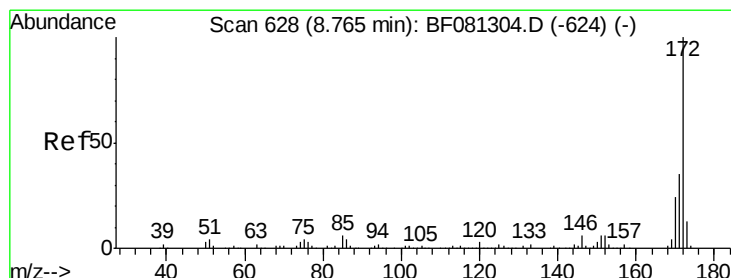
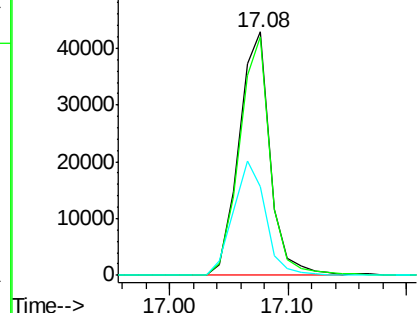
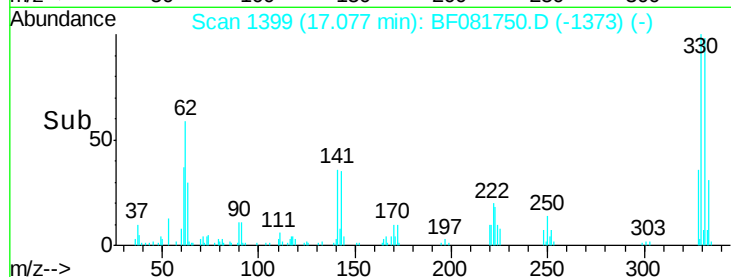
#41
 2,4,6-Tribromophenol
 Concen: 130.00 ng
 RT: 17.08 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF081750.D
 Acq: 22 Sep 2015 21:15

Instrument :
 BNA_F
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 TRENCH-1-3

Tot Ion:330 Resp: 78451
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 48.3 29.7 44.5#

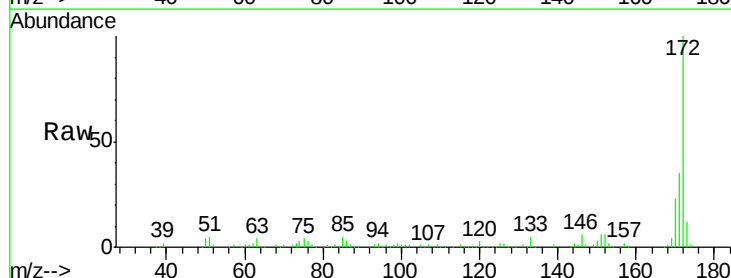


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

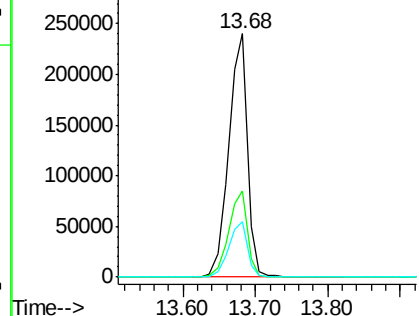
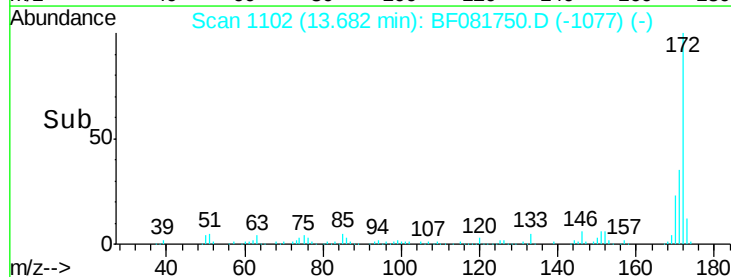


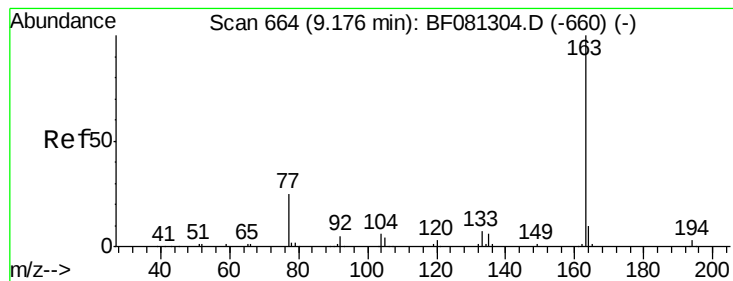
#44
 2-Fluorobiphenyl
 Concen: 81.10 ng
 RT: 13.68 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF081750.D
 Acq: 22 Sep 2015 21:15

Tgt Ion:172 Resp: 428916
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 23.0 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





#49

Dimethylphthalate

Concen: 18.49 ng

RT: 14.73 min Scan# 1194

Delta R.T. -0.05 min

Lab File: BF081750.D

Acq: 22 Sep 2015 21:15

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-3

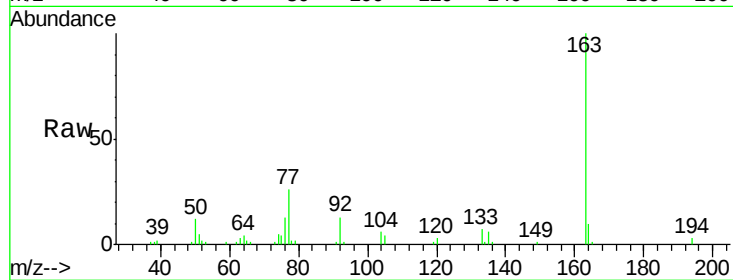
Tot Ion:163 Resp: 97378

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

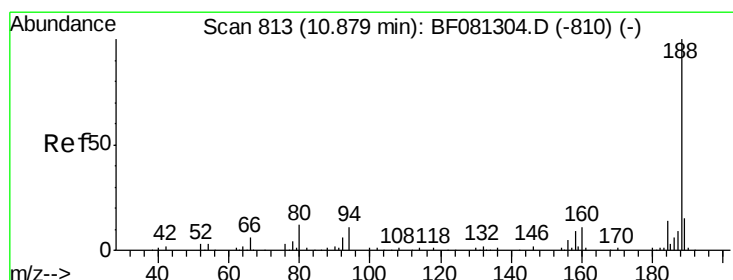
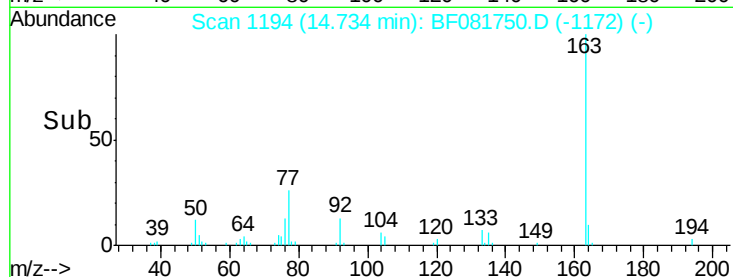
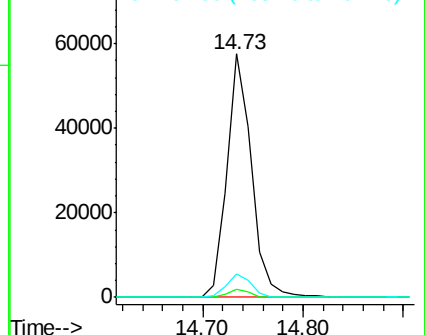
164 9.6 8.3 12.5



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: BF081750.D

Acq: 22 Sep 2015 21:15

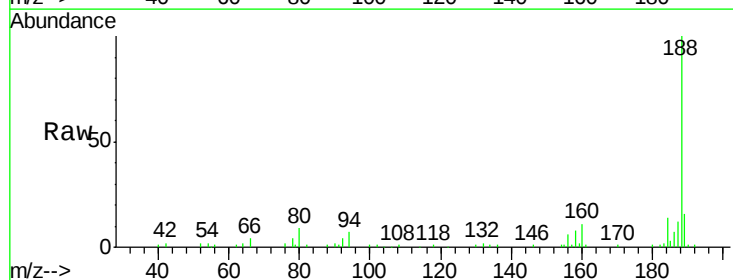
Tgt Ion:188 Resp: 125671

Ion Ratio Lower Upper

188 100

94 7.5 11.1 16.7#

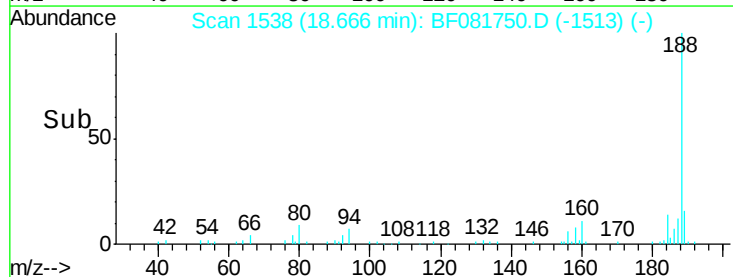
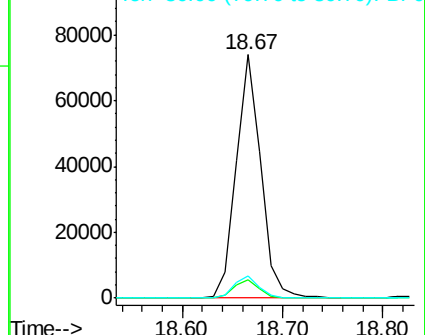
80 9.1 11.0 16.4#

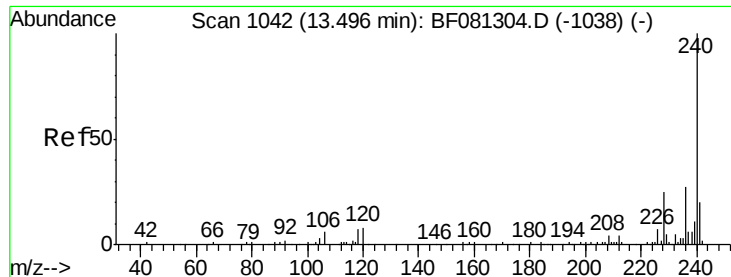


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

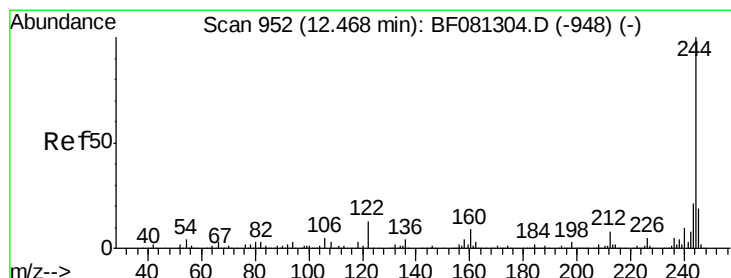
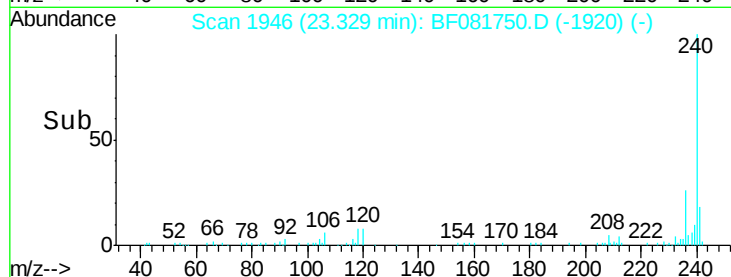
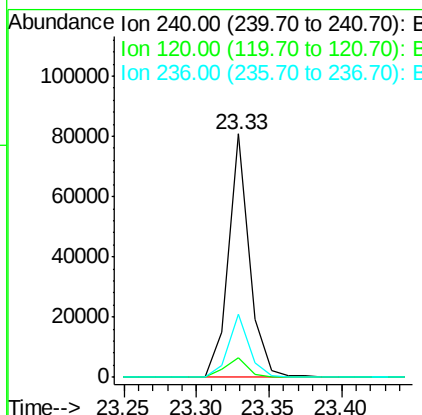
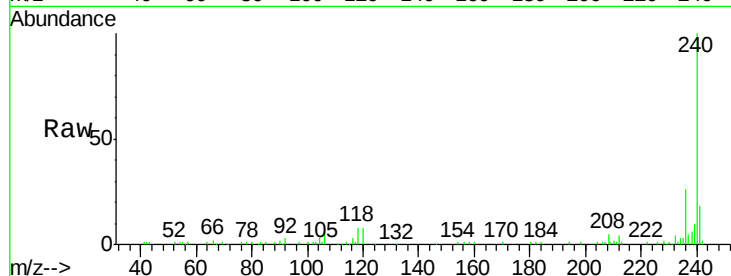




#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.33 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BF081750.D
Acq: 22 Sep 2015 21:15

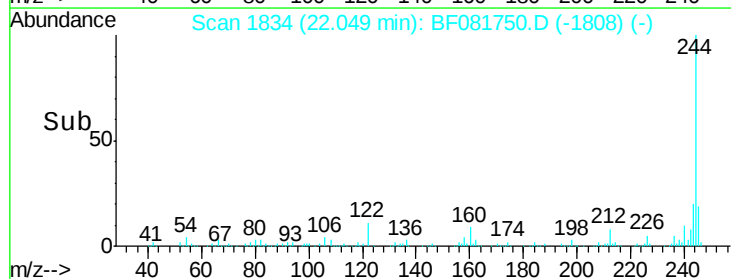
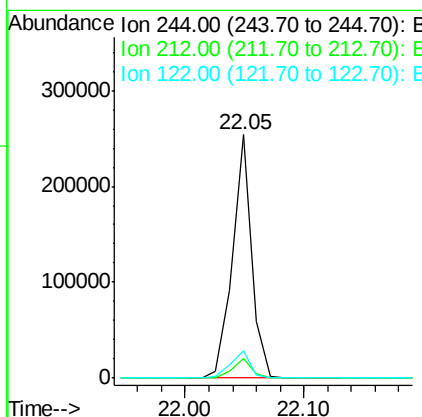
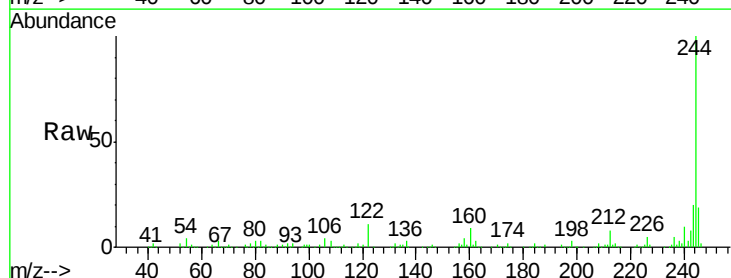
Instrument :
BNA_F
ClientSampleId :
TRENCH-1-3

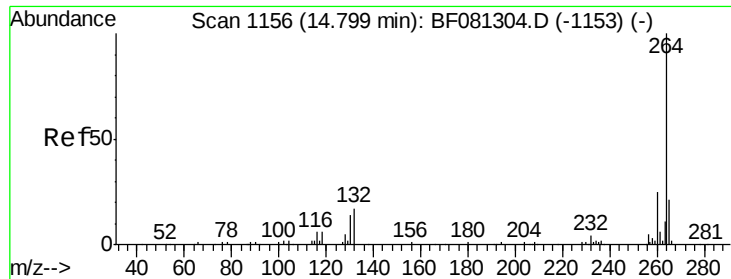
Tot Ion:240 Resp: 80974
Ion Ratio Lower Upper
240 100
120 7.8 16.2 24.2#
236 25.9 18.4 27.6



#78
Terphenyl-d14
Concen: 81.59 ng
RT: 22.05 min Scan# 1834
Delta R.T. -0.00 min
Lab File: BF081750.D
Acq: 22 Sep 2015 21:15

Tgt Ion:244 Resp: 283827
Ion Ratio Lower Upper
244 100
212 7.9 4.3 6.5#
122 11.1 17.4 26.2#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.77 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: BF081750.D
 Acq: 22 Sep 2015 21:15

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	16.7	25.1
265	20.7	17.2	25.8

