

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
 Data File : BF081732.D
 Acq On : 22 Sep 2015 3:51
 Operator : UM/IZ
 Sample : G3747-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-3

Quant Time: Sep 22 04:33:16 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

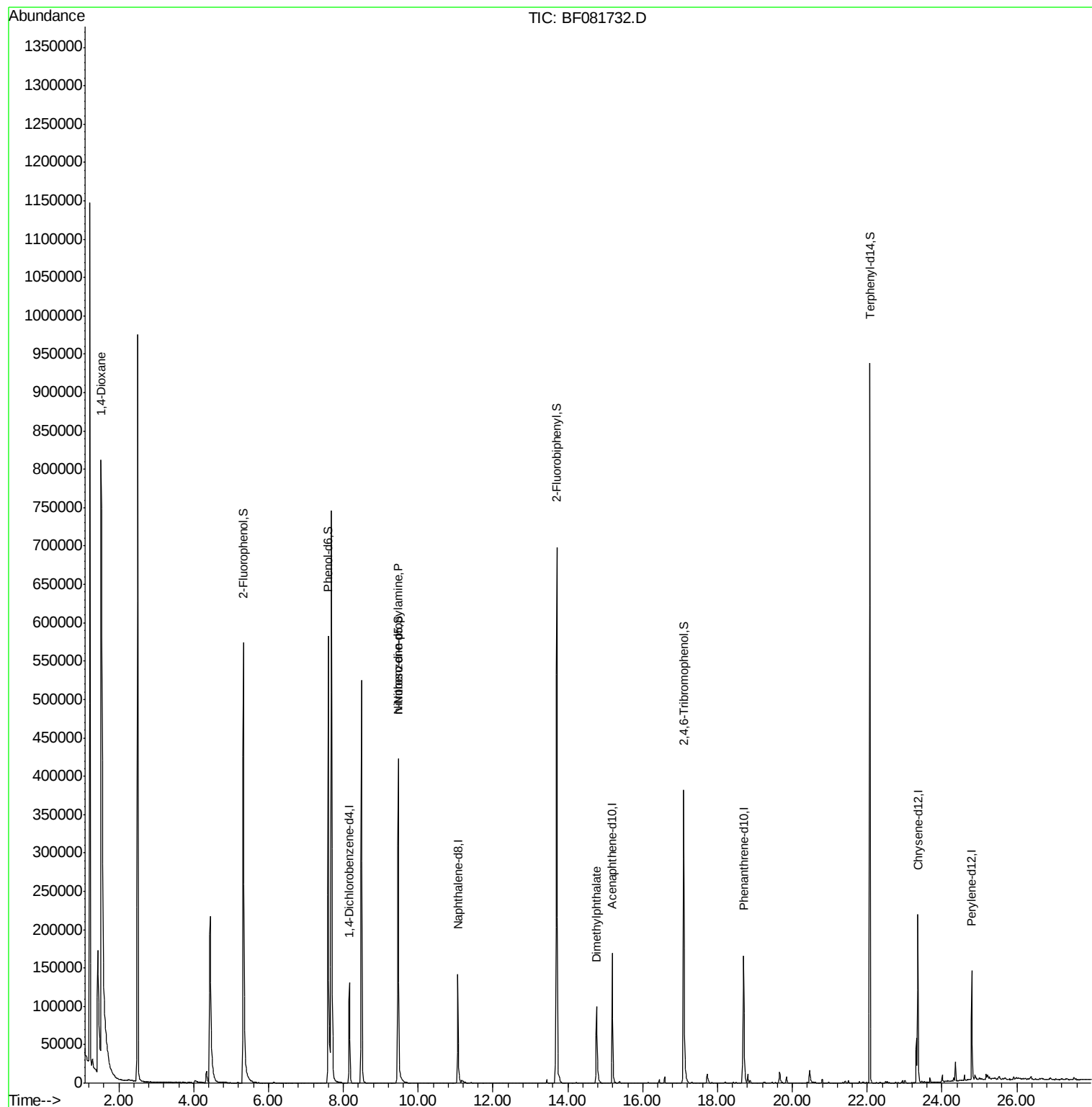
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	35896	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	138083	20.00	ng	-0.01
38) Acenaphthene-d10	15.19	164	66997	20.00	ng	-0.01
63) Phenanthrene-d10	18.70	188	138694	20.00	ng	0.00
75) Chrysene-d12	23.35	240	109537	20.00	ng	0.00
86) Perylene-d12	24.79	264	82032	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	281214	121.55	ng	0.02
7) Phenol-d6	7.60	99	394082	128.68	ng	0.00
23) Nitrobenzene-d5	9.46	82	253998	88.75	ng	-0.01
41) 2,4,6-Tribromophenol	17.10	330	76962	129.01	ng	-0.01
44) 2-Fluorobiphenyl	13.71	172	412056	78.82	ng	-0.01
78) Terphenyl-d14	22.07	244	386549	82.15	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.52	88	49620	47.75	ng	# 11
19) n-Nitroso-di-n-propylamine	9.46	70	31485	15.11	ng	# 67
49) Dimethylphthalate	14.77	163	91997	17.67	ng	# 98

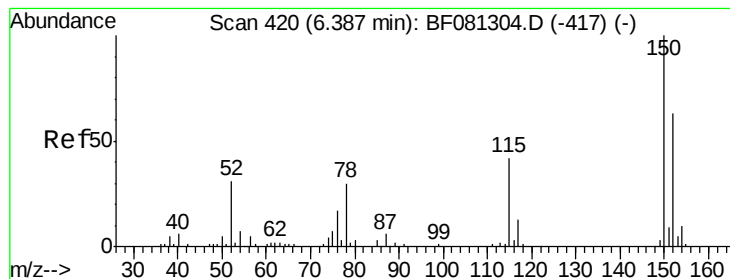
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081732.D

Acq: 22 Sep 2015 3:51

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-3

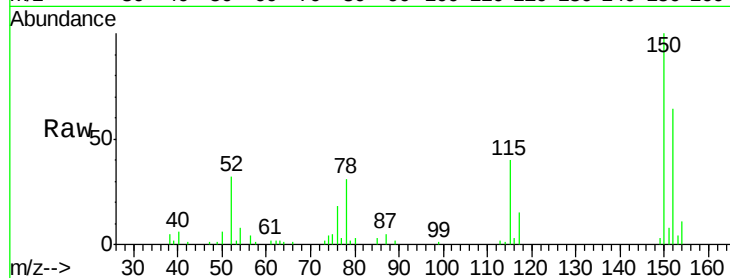
Tot Ion:152 Resp: 35896

Ion Ratio Lower Upper

152 100

150 155.7 124.7 187.1

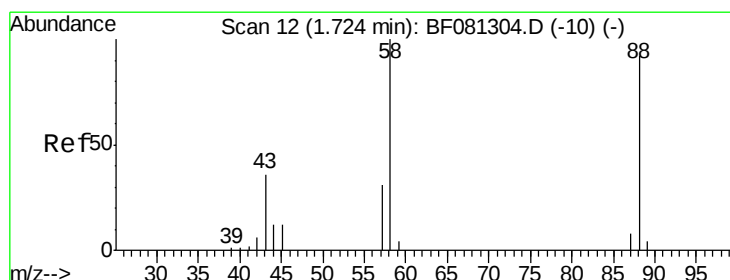
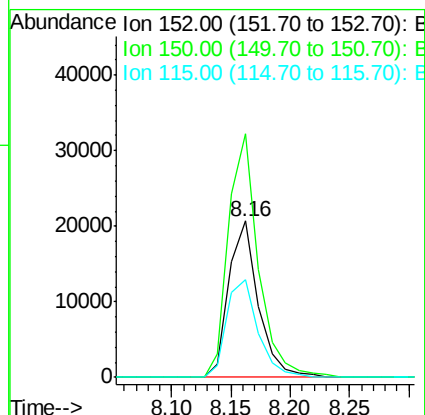
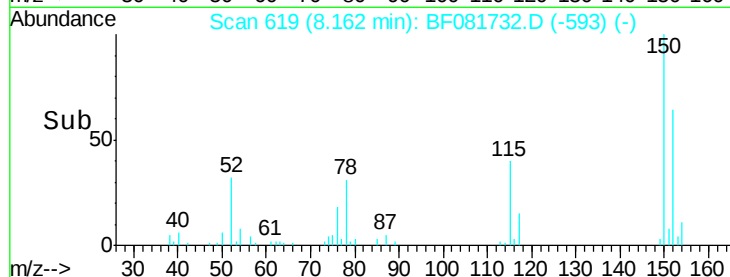
115 62.6 39.0 58.4#



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: 47.75 ng

RT: 1.52 min Scan# 38

Delta R.T. 0.00 min

Lab File: BF081732.D

Acq: 22 Sep 2015 3:51

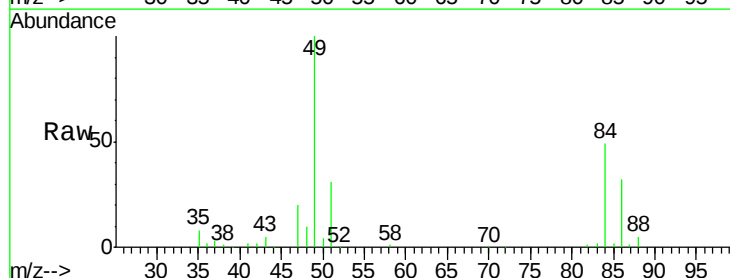
Tgt Ion: 88 Resp: 49620

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

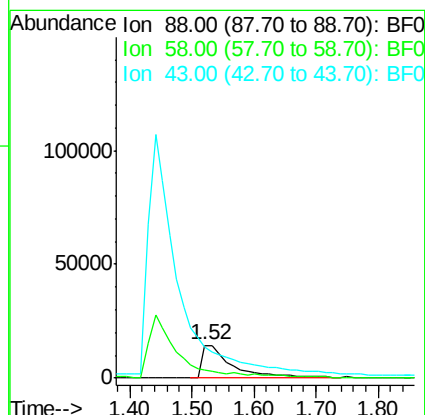
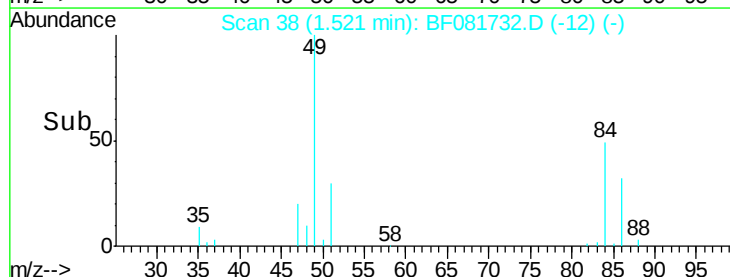
43 0.0 26.6 40.0#

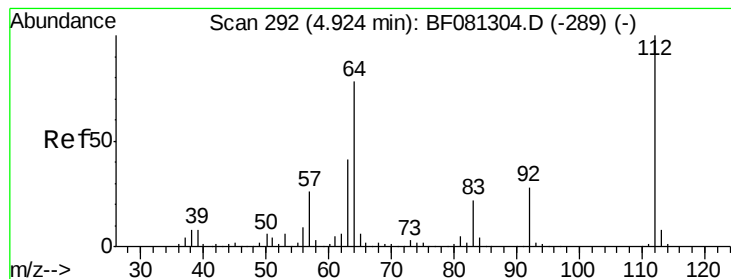


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 121.55 ng

RT: 5.33 min Scan# 371

Delta R.T. 0.02 min

Lab File: BF081732.D

Acq: 22 Sep 2015 3:51

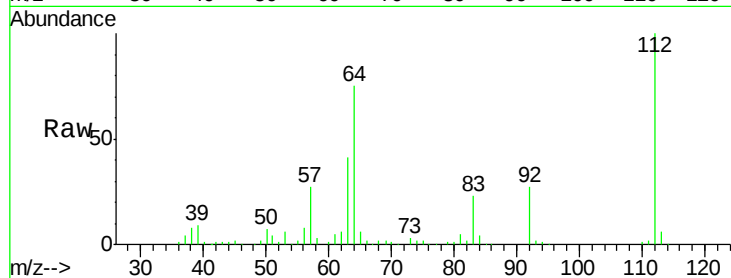
Instrument :

BNA_F

ClientSampleId :

TRENCH-1-3

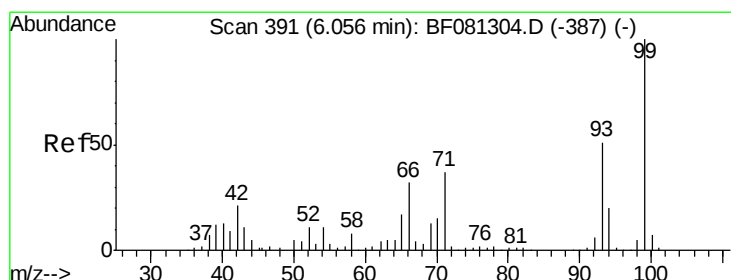
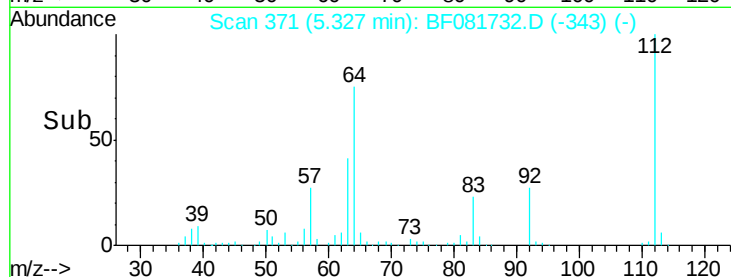
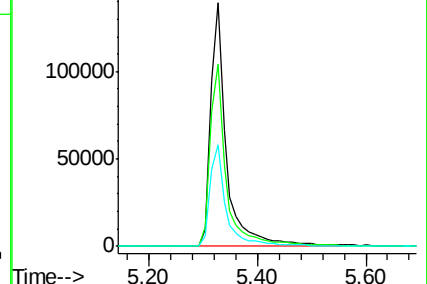
Tot Ion:	112	Resp:	281214
Ion Ratio	Lower	Upper	
112	100		
64	74.8	39.7	59.5#
63	41.5	17.4	26.0#



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: 128.68 ng

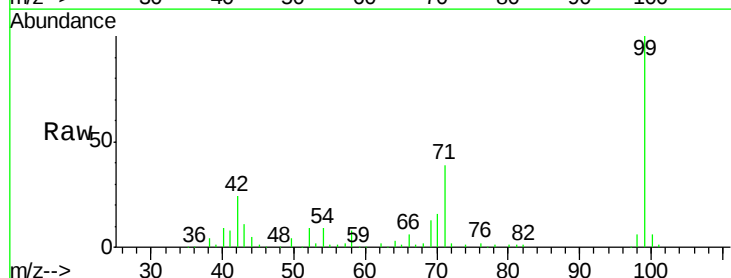
RT: 7.60 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF081732.D

Acq: 22 Sep 2015 3:51

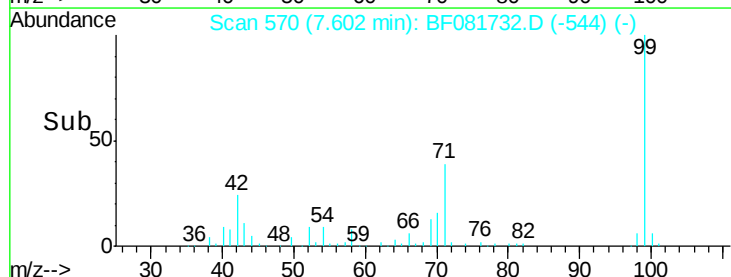
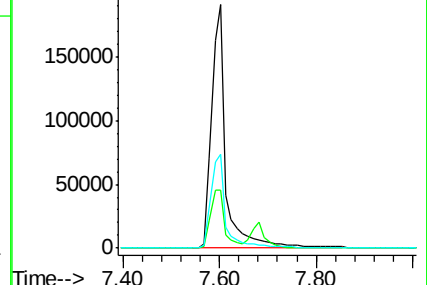
Tgt Ion:	99	Resp:	394082
Ion Ratio	Lower	Upper	
99	100		
42	23.6	13.7	20.5#
71	38.8	14.2	21.2#

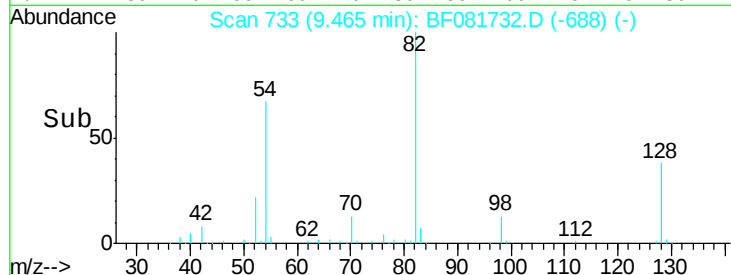
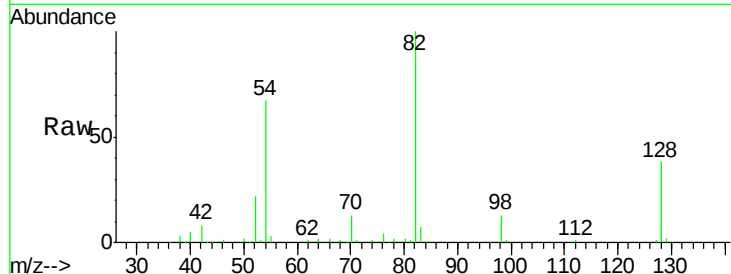
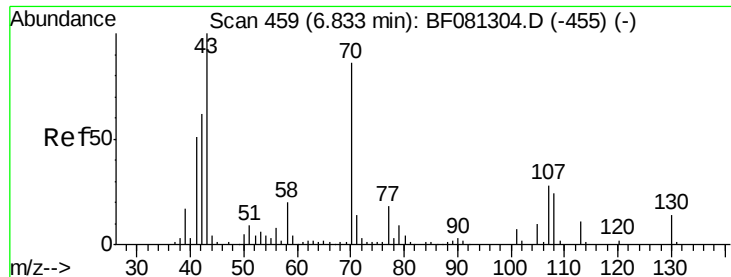


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

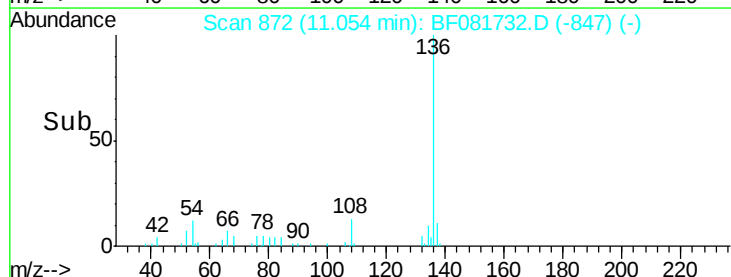
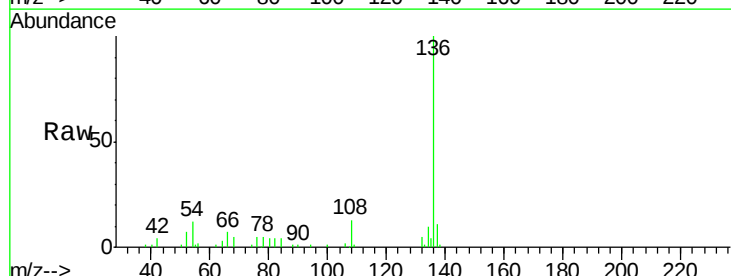
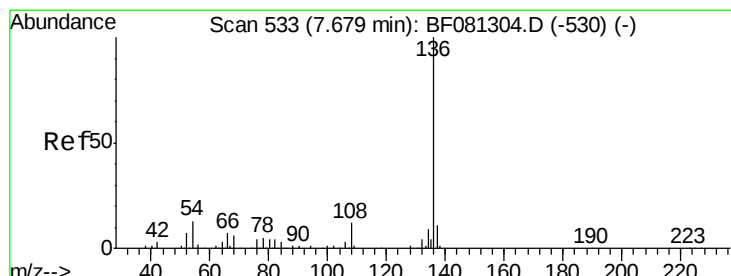
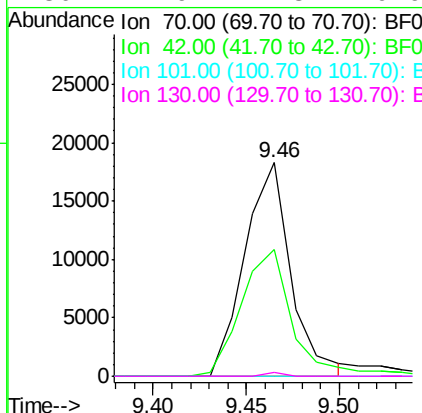




#19
n-Nitroso-di-n-propylamine
Concen: 15.11 ng
RT: 9.46 min Scan# 733
Delta R.T. 0.22 min
Lab File: BF081732.D
Acq: 22 Sep 2015 3:51

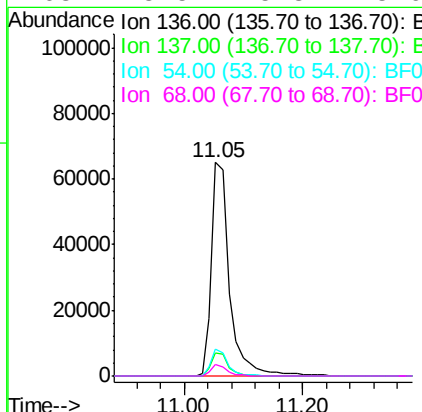
Instrument :
BNA_F
ClientSampleId :
TRENCH-1-3

Tot Ion:	70	Resp:	31485
Ion Ratio	Lower	Upper	
70	100		
42	59.1	63.8	95.6#
101	0.0	9.2	13.8#
130	1.9	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.05 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF081732.D
Acq: 22 Sep 2015 3:51

Tgt Ion:	136	Resp:	138083
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.6
54	12.4	8.2	12.2#
68	5.5	5.8	8.6#

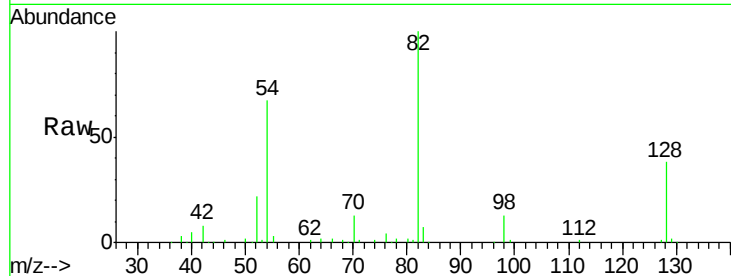




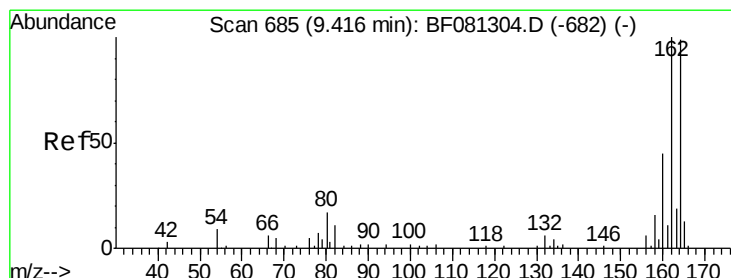
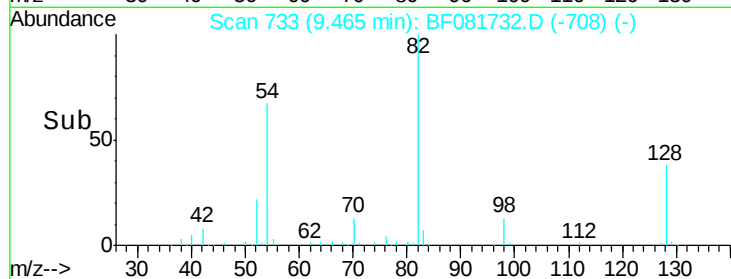
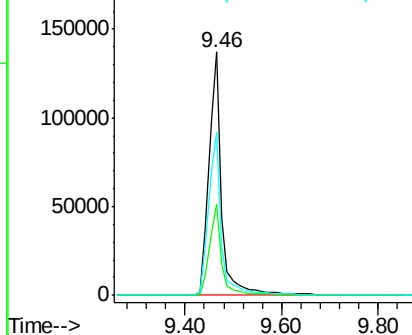
#23
 Nitrobenzene-d5
 Concen: 88.75 ng
 RT: 9.46 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF081732.D
 Acq: 22 Sep 2015 3:51

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-3

Tot Ion: 82 Resp: 253998
 Ion Ratio Lower Upper
 82 100
 128 37.7 51.0 76.6#
 54 66.8 47.5 71.3

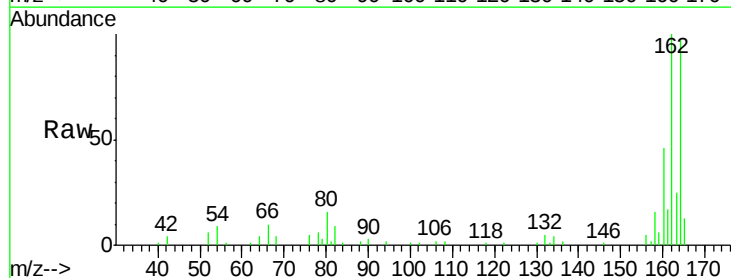


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

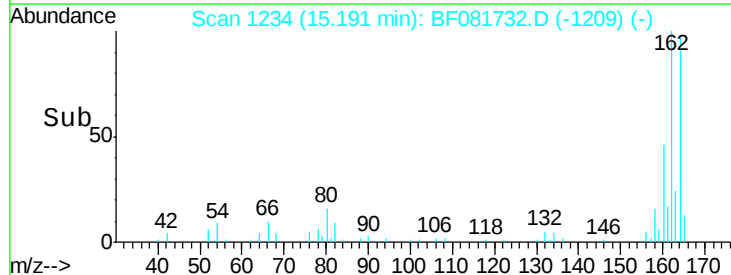
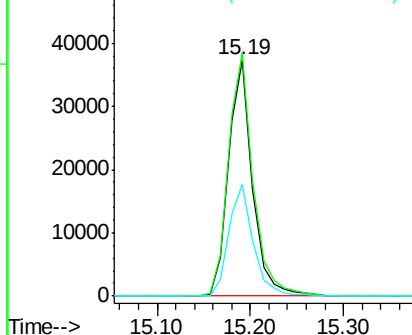


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF081732.D
 Acq: 22 Sep 2015 3:51

Tgt Ion: 164 Resp: 66997
 Ion Ratio Lower Upper
 164 100
 162 103.0 75.2 112.8
 160 47.5 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

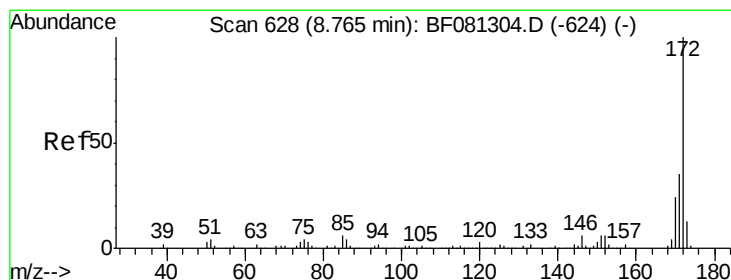
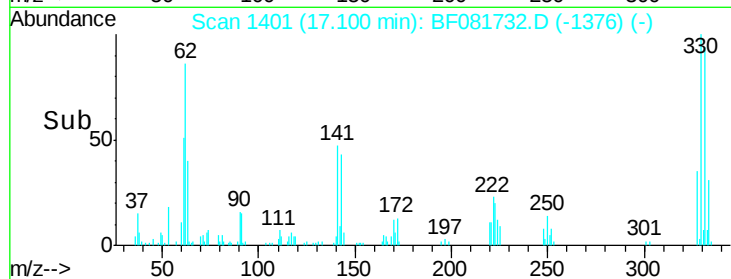
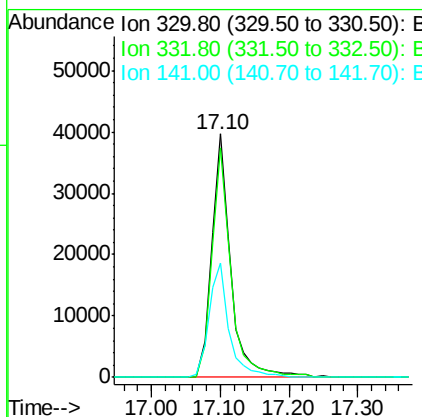
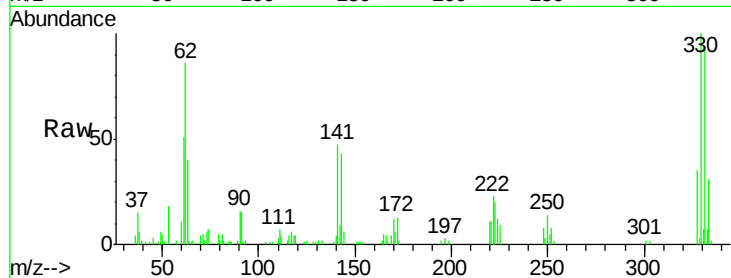




#41
 2,4,6-Tribromophenol
 Concen: 129.01 ng
 RT: 17.10 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF081732.D
 Acq: 22 Sep 2015 3:51

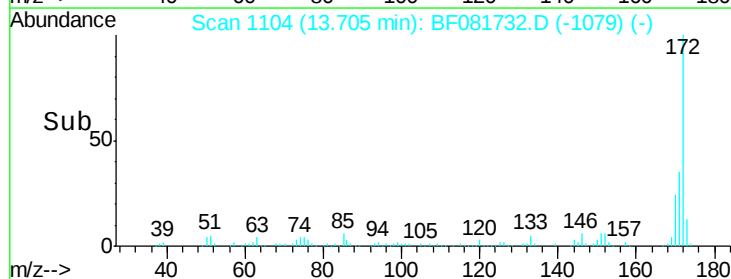
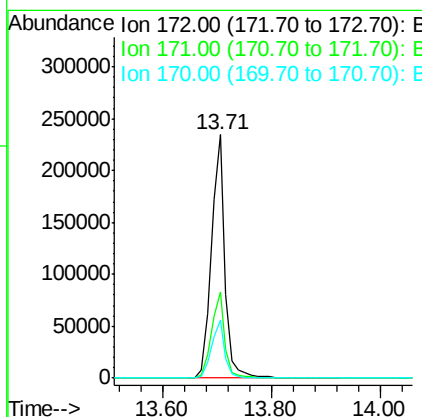
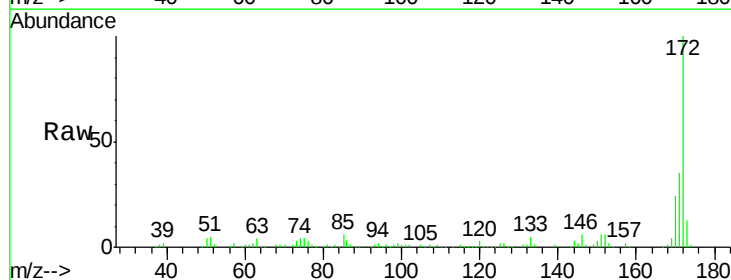
Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-3

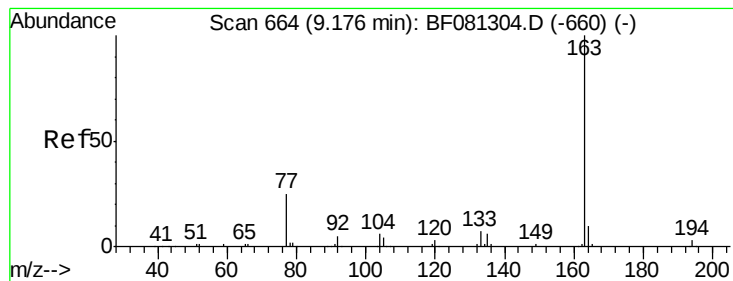
Tot Ion:330 Resp: 76962
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 49.2 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 78.82 ng
 RT: 13.71 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF081732.D
 Acq: 22 Sep 2015 3:51

Tgt Ion:172 Resp: 412056
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.1 39.1
 170 23.8 17.4 26.2





#49

Dimethylphthalate

Concen: 17.67 ng

RT: 14.77 min Scan# 1197

Delta R.T. -0.03 min

Lab File: BF081732.D

Acq: 22 Sep 2015 3:51

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-3

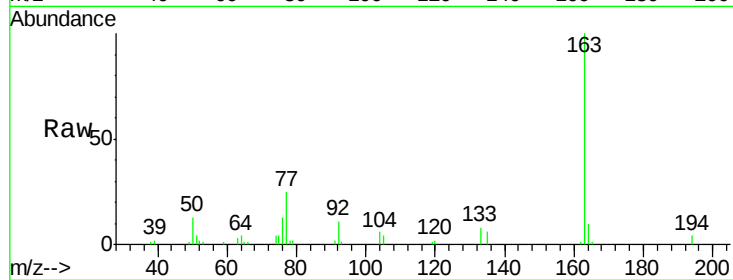
Tot Ion:163 Resp: 91997

Ion Ratio Lower Upper

163 100

194 3.9 4.4 6.6#

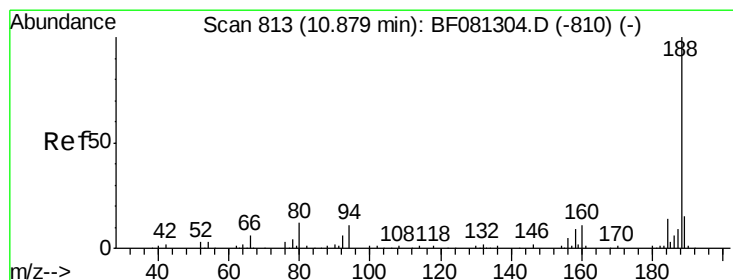
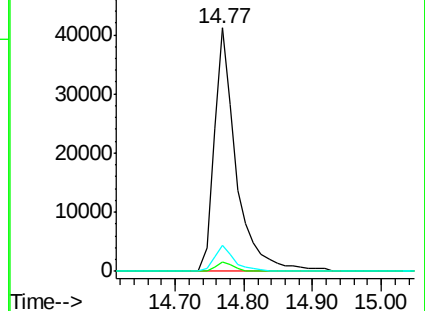
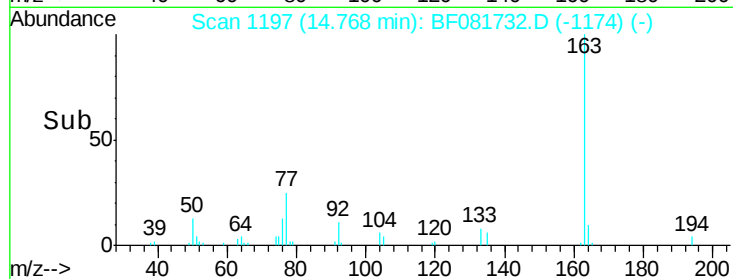
164 10.5 8.3 12.5



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: 18.70 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BF081732.D

Acq: 22 Sep 2015 3:51

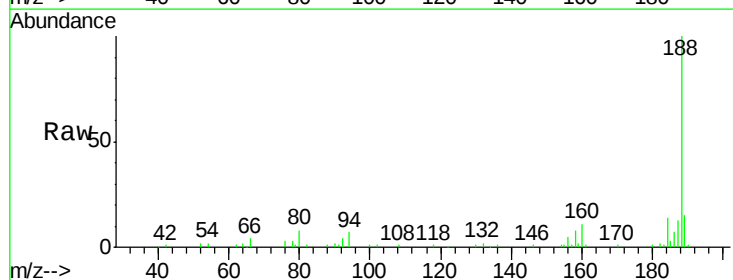
Tgt Ion:188 Resp: 138694

Ion Ratio Lower Upper

188 100

94 7.4 11.1 16.7#

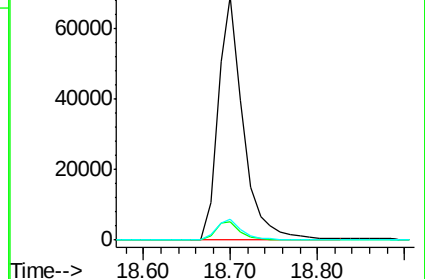
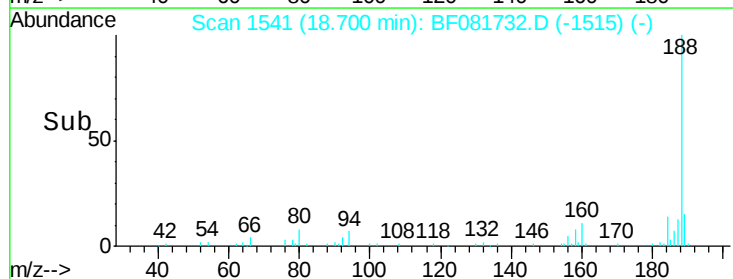
80 8.5 11.0 16.4#

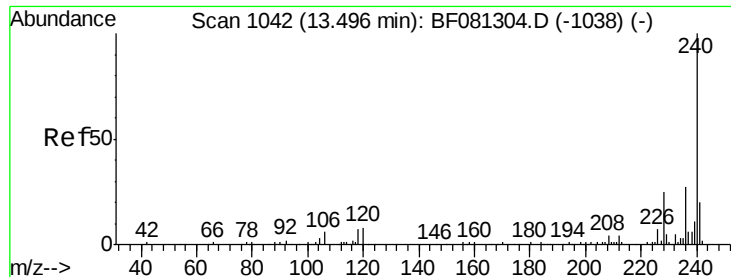


Abundance Ion 188.00 (187.70 to 188.70): E

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: 23.35 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BF081732.D

Acq: 22 Sep 2015 3:51

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-3

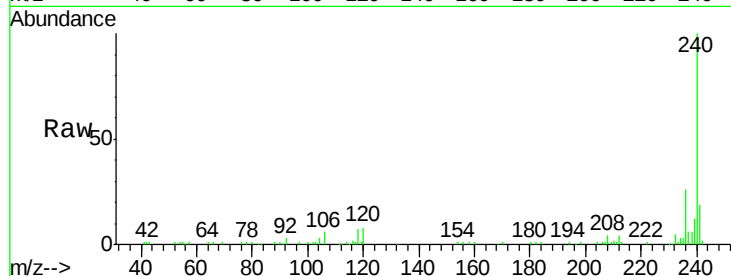
Tot Ion:240 Resp: 109537

Ion Ratio Lower Upper

240 100

120 7.8 16.2 24.2#

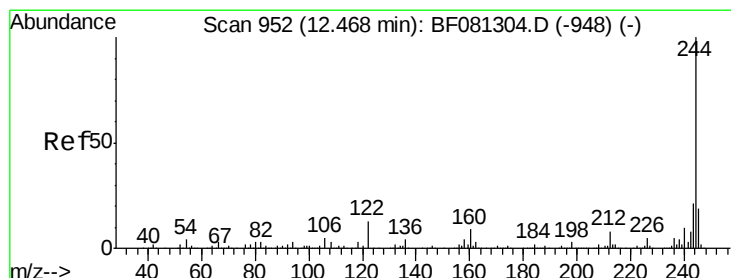
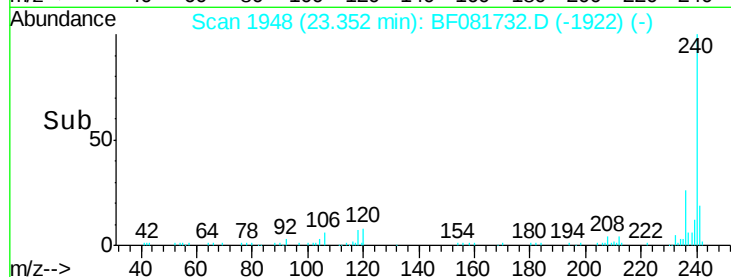
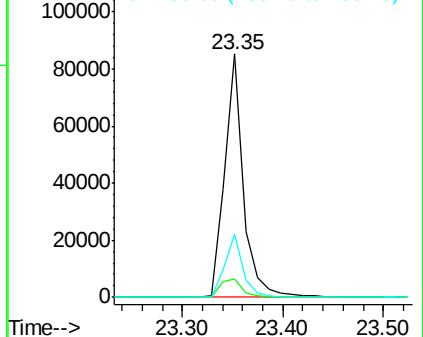
236 25.7 18.4 27.6



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: 82.15 ng

RT: 22.07 min Scan# 1836

Delta R.T. 0.00 min

Lab File: BF081732.D

Acq: 22 Sep 2015 3:51

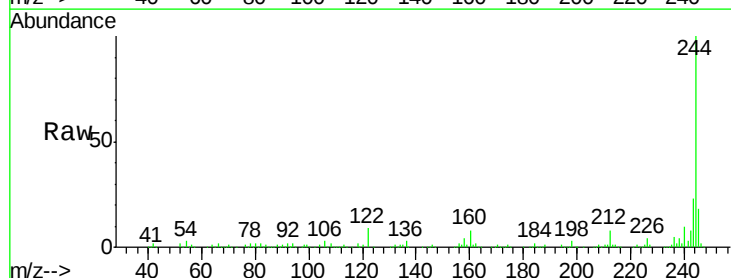
Tgt Ion:244 Resp: 386549

Ion Ratio Lower Upper

244 100

212 7.6 4.3 6.5#

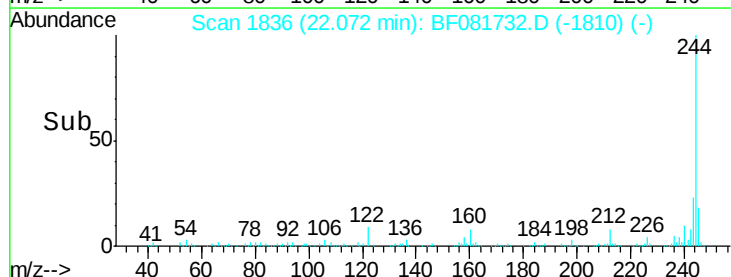
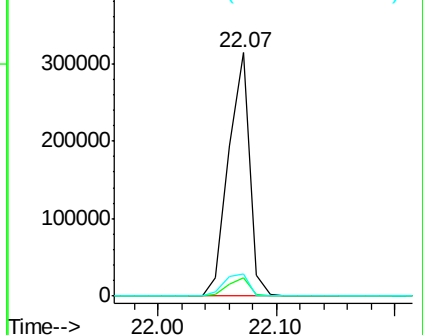
122 9.3 17.4 26.2#

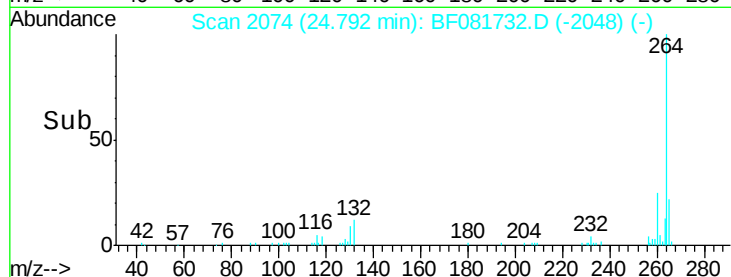
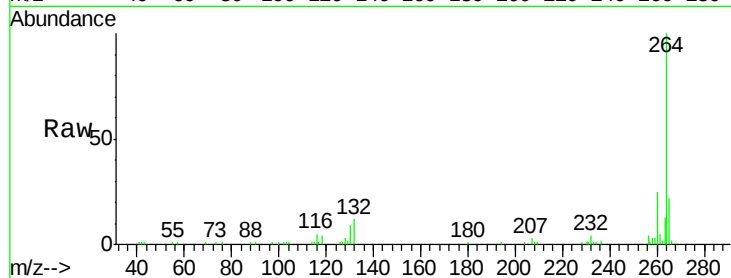
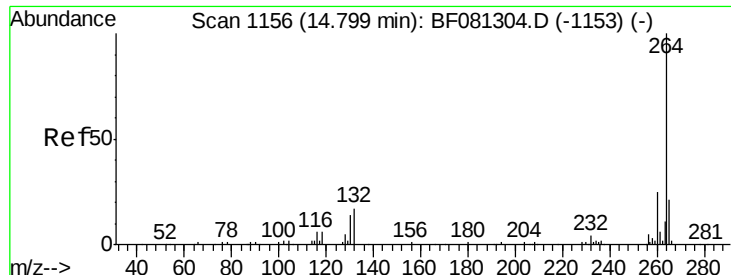


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.79 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BF081732.D
 Acq: 22 Sep 2015 3:51

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	16.7	25.1
265	21.8	17.2	25.8

