

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
 Data File : BF081733.D
 Acq On : 22 Sep 2015 4:27
 Operator : UM/IZ
 Sample : G3747-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-4

Quant Time: Sep 22 04:59:38 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

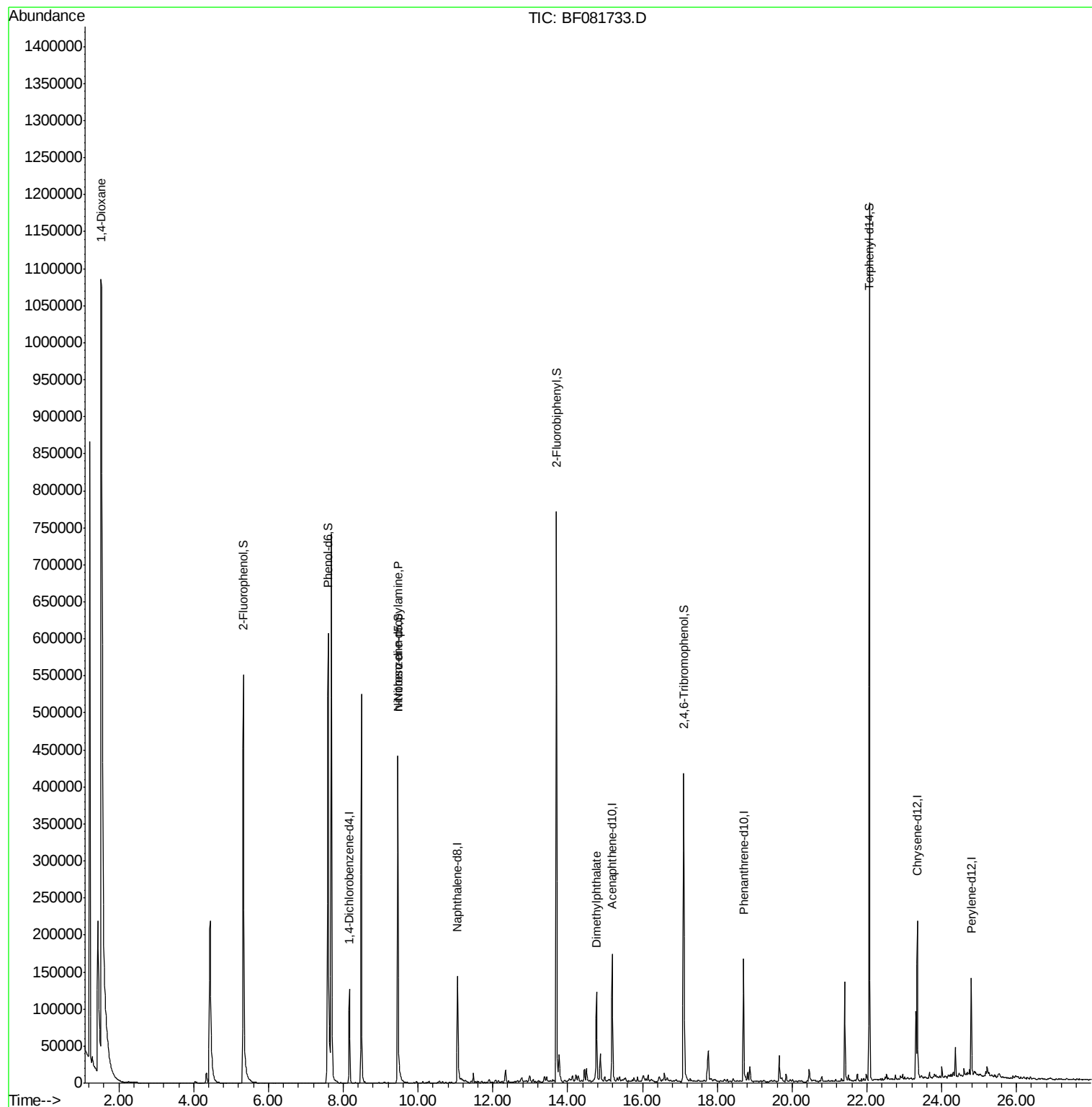
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	34781	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	131985	20.00	ng	-0.01
38) Acenaphthene-d10	15.19	164	60792	20.00	ng	-0.01
63) Phenanthrene-d10	18.70	188	126845	20.00	ng	0.00
75) Chrysene-d12	23.35	240	102081	20.00	ng	0.00
86) Perylene-d12	24.79	264	75792	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	280924	125.31	ng	0.02
7) Phenol-d6	7.60	99	404717	136.39	ng	0.00
23) Nitrobenzene-d5	9.46	82	259767	94.96	ng	-0.01
41) 2,4,6-Tribromophenol	17.10	330	74172	137.03	ng	-0.01
44) 2-Fluorobiphenyl	13.71	172	422073	88.97	ng	-0.01
78) Terphenyl-d14	22.07	244	417592	95.23	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.53	88	73080	72.59	ng	# 11
19) n-Nitroso-di-n-propylamine	9.46	70	33520	16.60	ng	# 67
49) Dimethylphthalate	14.77	163	88157	18.66	ng	# 97

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

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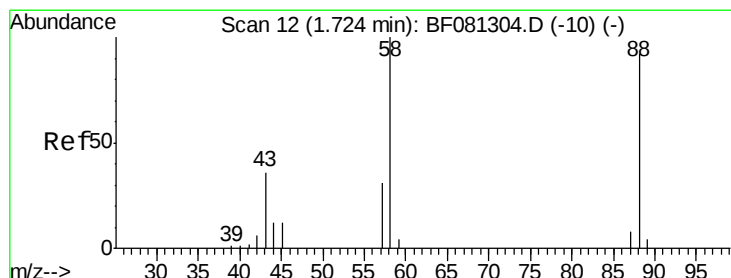
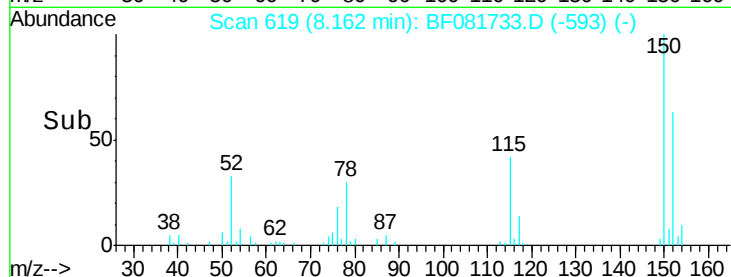
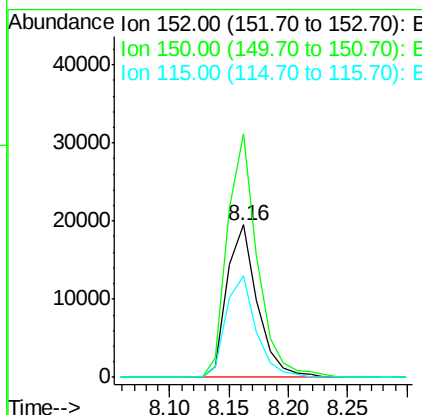
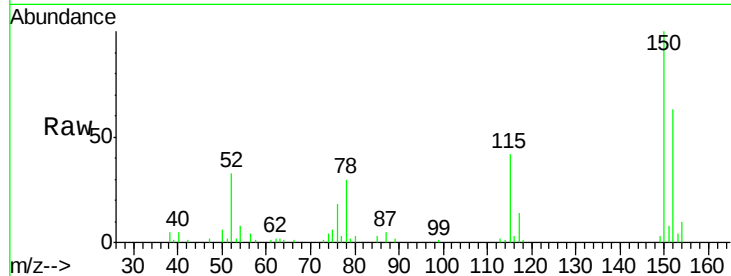


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF081733.D
 Acq: 22 Sep 2015 4:27

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-4

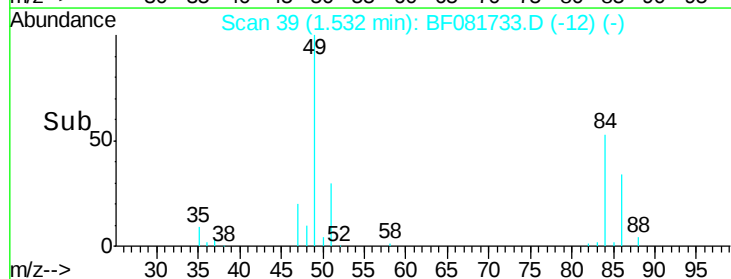
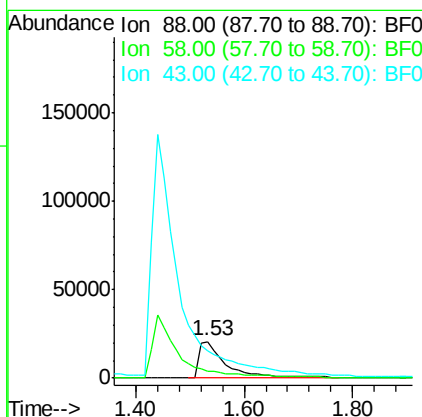
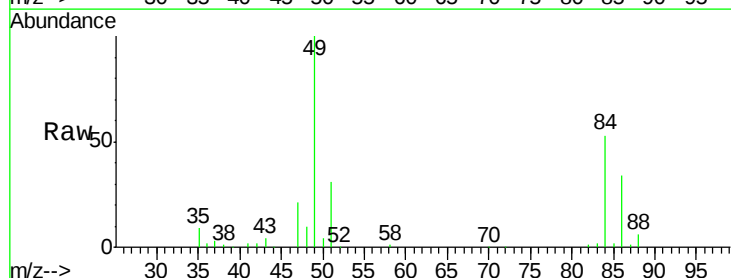
Tot Ion:152 Resp: 34781
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.7 187.1
 115 67.0 39.0 58.4#

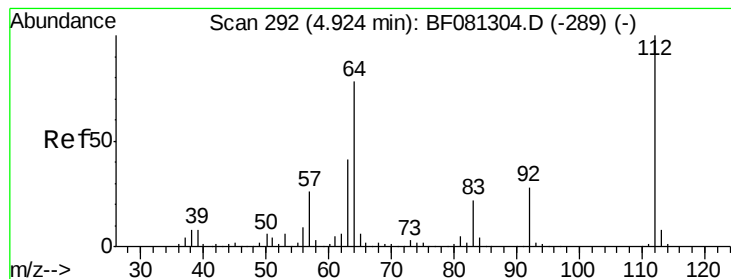


#2

1,4-Dioxane
 Concen: 72.59 ng
 RT: 1.53 min Scan# 39
 Delta R.T. 0.01 min
 Lab File: BF081733.D
 Acq: 22 Sep 2015 4:27

Tgt Ion: 88 Resp: 73080
 Ion Ratio Lower Upper
 88 100
 58 0.0 77.7 116.5#
 43 0.0 26.6 40.0#





#5

2-Fluorophenol

Concen: 125.31 ng

RT: 5.33 min Scan# 371

Delta R.T. 0.02 min

Lab File: BF081733.D

Acq: 22 Sep 2015 4:27

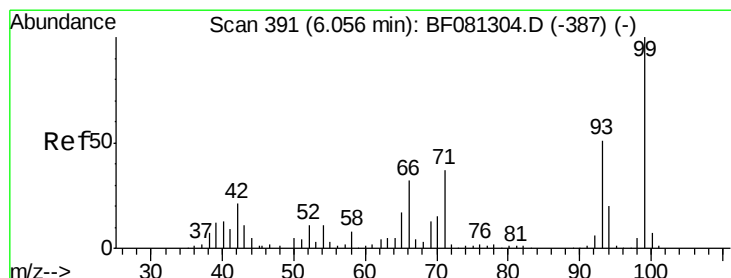
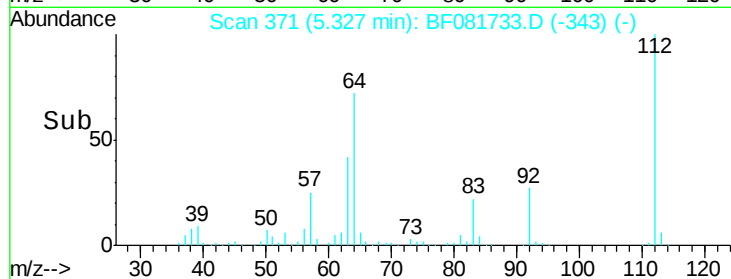
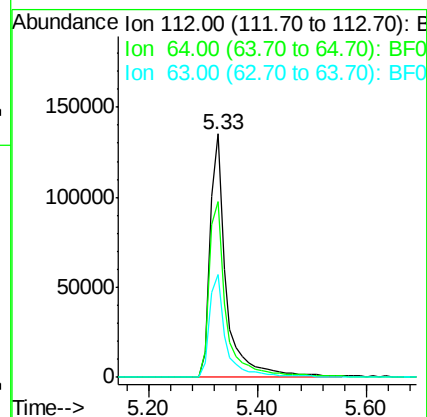
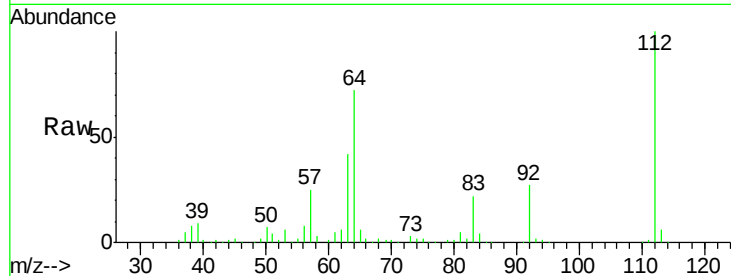
Instrument :

BNA_F

ClientSampleId :

TRENCH-1-4

Tot Ion:	112	Resp:	280924
Ion Ratio	Lower	Upper	
112	100		
64	72.1	39.7	59.5#
63	42.1	17.4	26.0#



#7

Phenol-d6

Concen: 136.39 ng

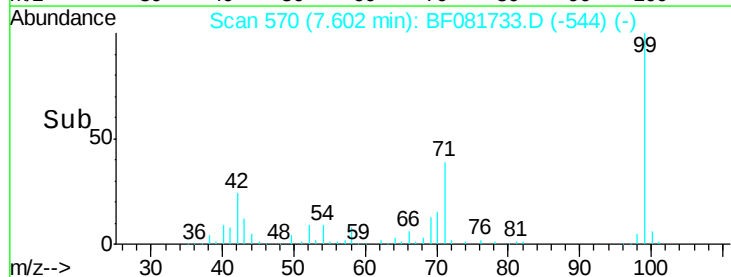
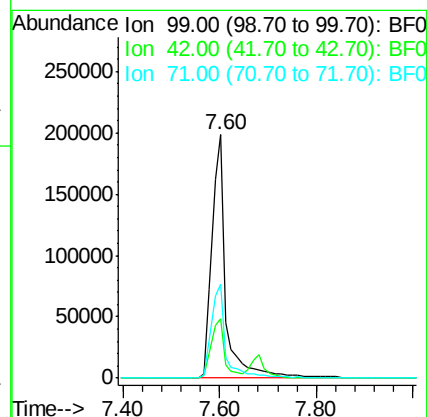
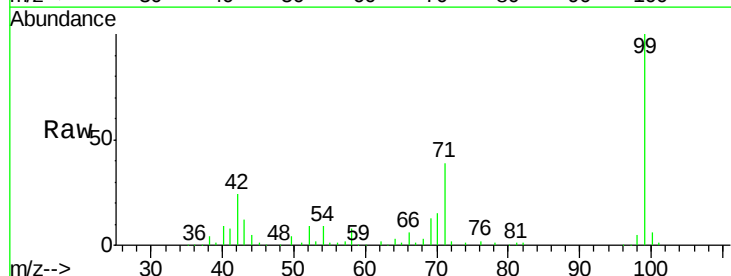
RT: 7.60 min Scan# 570

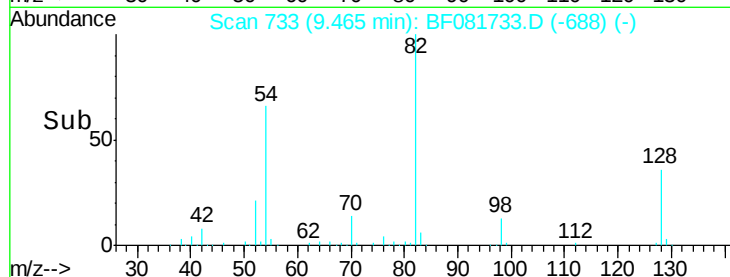
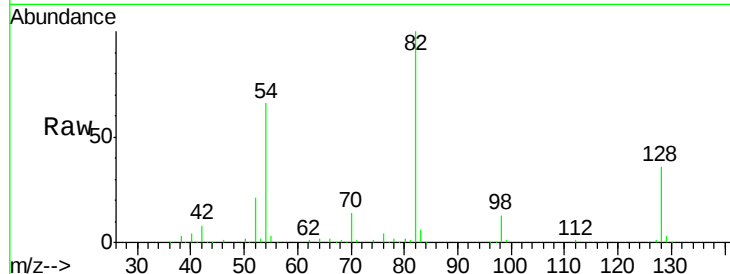
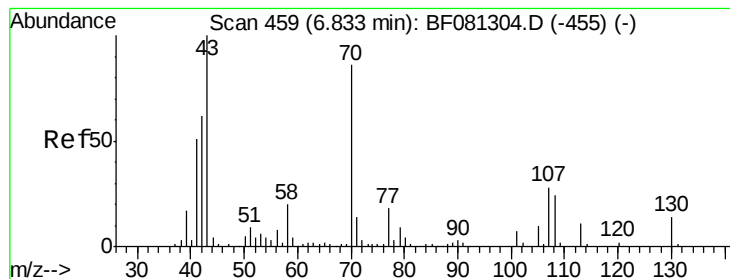
Delta R.T. -0.00 min

Lab File: BF081733.D

Acq: 22 Sep 2015 4:27

Tgt Ion:	99	Resp:	404717
Ion Ratio	Lower	Upper	
99	100		
42	24.1	13.7	20.5#
71	38.8	14.2	21.2#





#19

n-Nitroso-di-n-propylamine

Concen: 16.60 ng

RT: 9.46 min Scan# 733

Delta R.T. 0.22 min

Lab File: BF081733.D

Acq: 22 Sep 2015 4:27

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-4

Tot Ion: 70 Resp: 33520

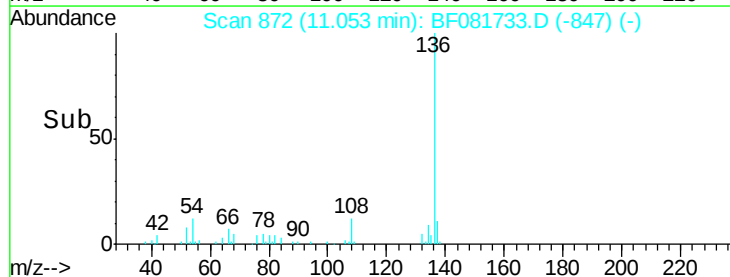
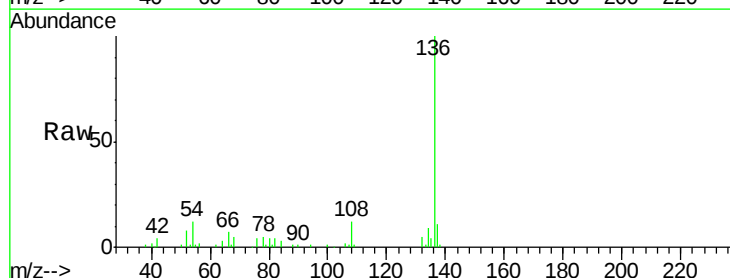
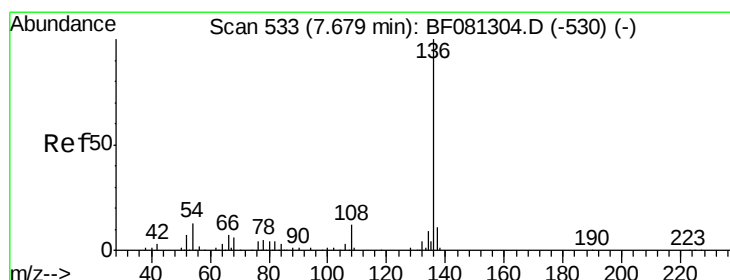
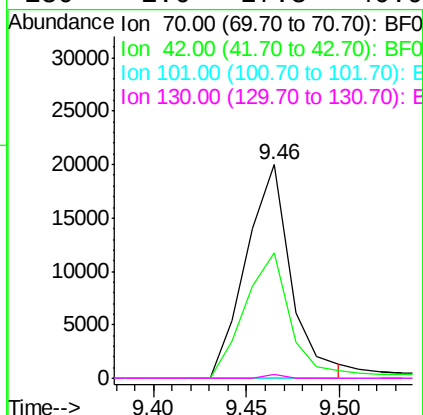
Ion Ratio Lower Upper

70 100

42 58.7 63.8 95.6#

101 0.0 9.2 13.8#

130 1.6 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: BF081733.D

Acq: 22 Sep 2015 4:27

Tgt Ion: 136 Resp: 131985

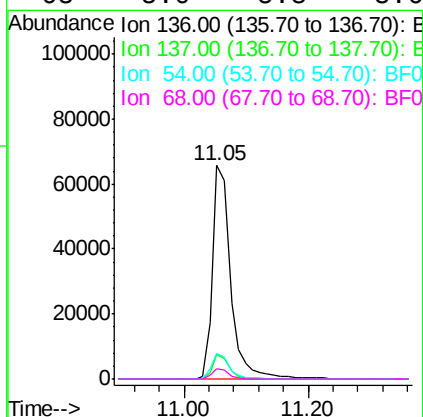
Ion Ratio Lower Upper

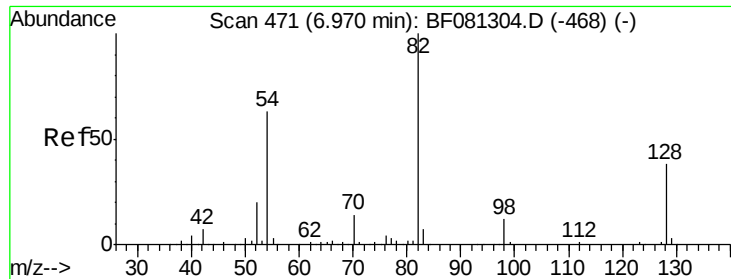
136 100

137 11.1 9.0 13.6

54 11.9 8.2 12.2

68 5.0 5.8 8.6#

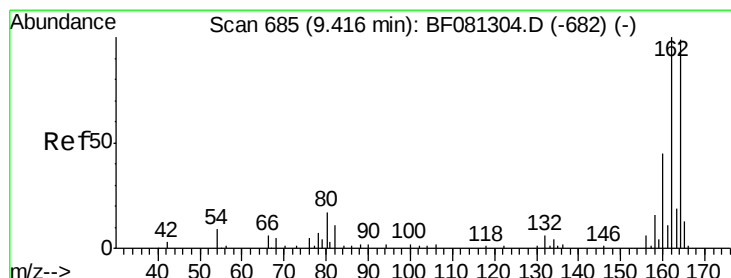
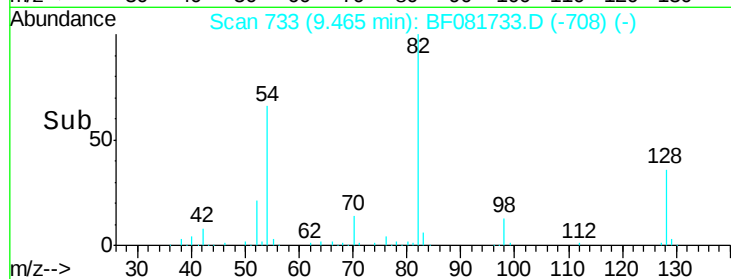
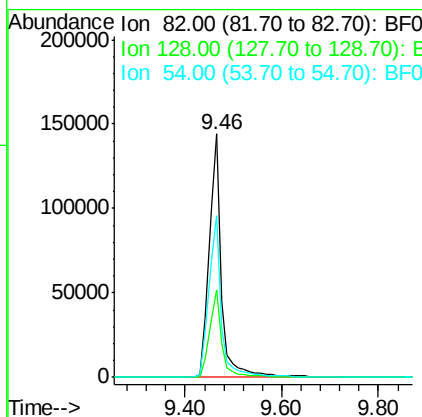
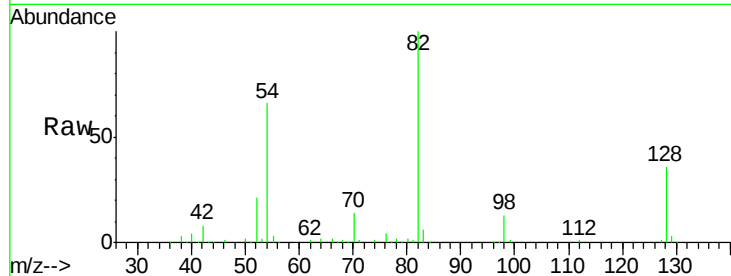




#23
 Nitrobenzene-d5
 Concen: 94.96 ng
 RT: 9.46 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF081733.D
 Acq: 22 Sep 2015 4:27

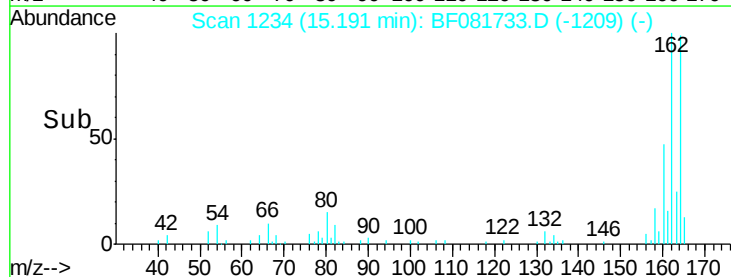
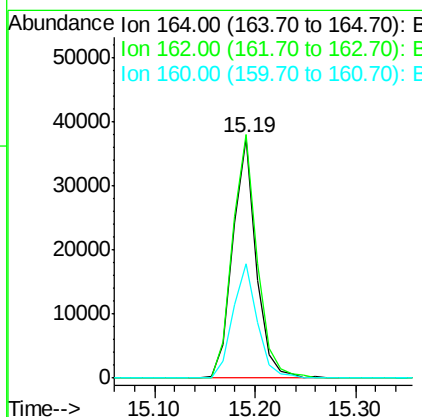
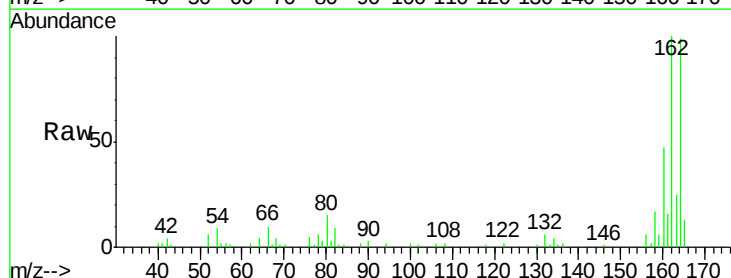
Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-4

Tot Ion	82	Resp	259767
Ion Ratio	100	Lower	Upper
128	35.9	51.0	76.6#
54	66.5	47.5	71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF081733.D
 Acq: 22 Sep 2015 4:27

Tgt Ion	164	Resp	60792
Ion Ratio	100	Lower	Upper
162	101.3	75.2	112.8
160	47.7	31.5	47.3#

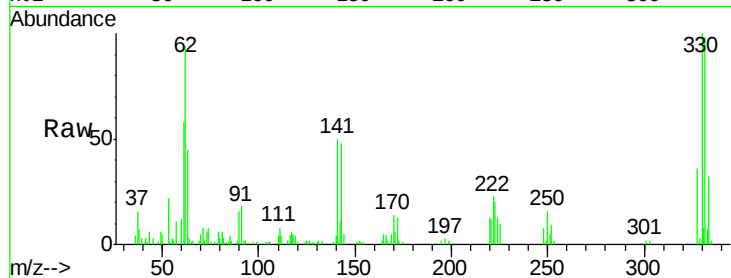




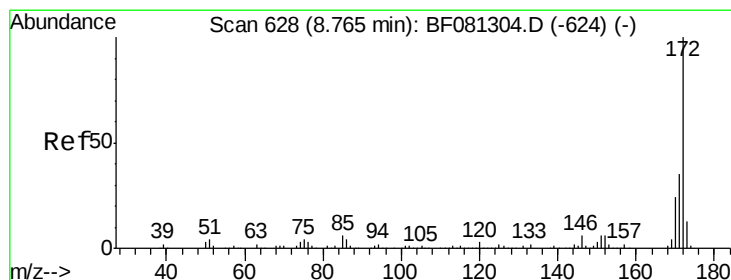
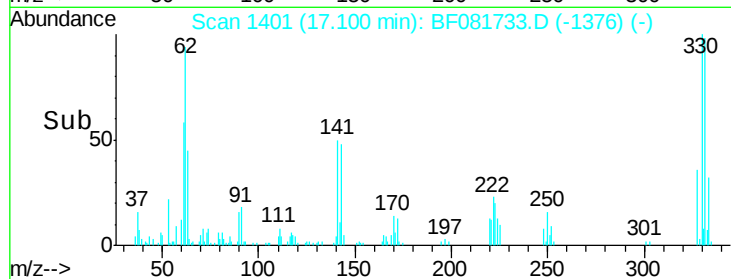
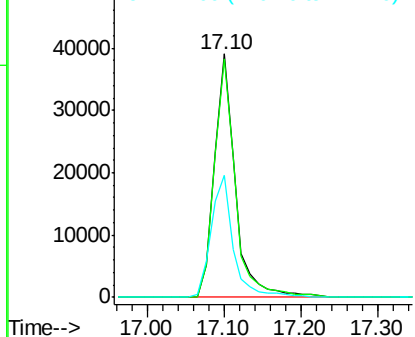
#41
 2,4,6-Tribromophenol
 Concen: 137.03 ng
 RT: 17.10 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF081733.D
 Acq: 22 Sep 2015 4:27

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-4

Tot Ion:330 Resp: 74172
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 114.8
 141 52.8 29.7 44.5#

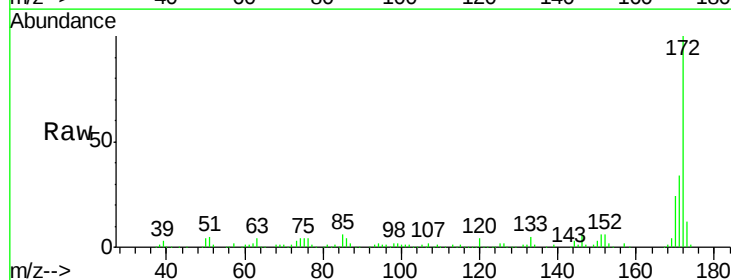


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

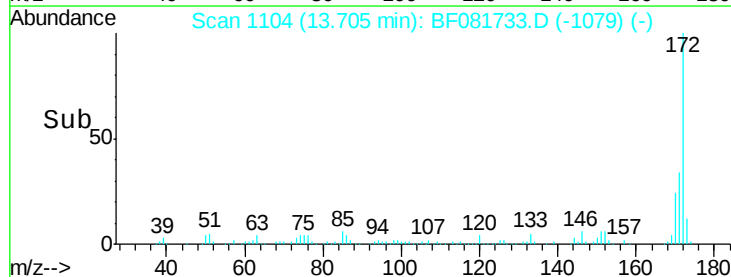
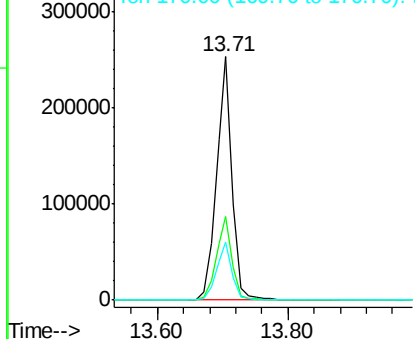


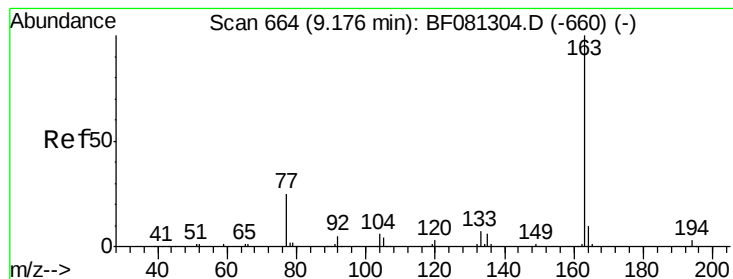
#44
 2-Fluorobiphenyl
 Concen: 88.97 ng
 RT: 13.71 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF081733.D
 Acq: 22 Sep 2015 4:27

Tgt Ion:172 Resp: 422073
 Ion Ratio Lower Upper
 172 100
 171 34.3 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





#49

Dimethylphthalate

Concen: 18.66 ng

RT: 14.77 min Scan# 1197

Delta R.T. -0.03 min

Lab File: BF081733.D

Acq: 22 Sep 2015 4:27

Instrument :

BNA_F

ClientSampleId :

TRENCH-1-4

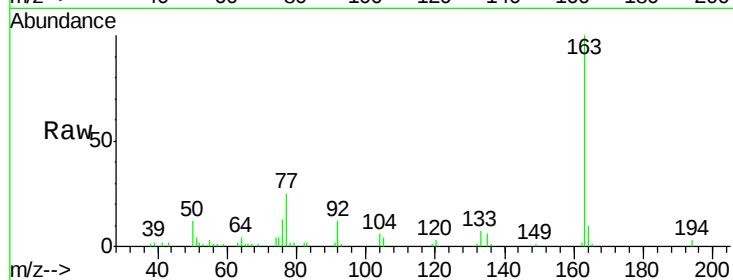
Tot Ion:163 Resp: 88157

Ion Ratio Lower Upper

163 100

194 3.0 4.4 6.6#

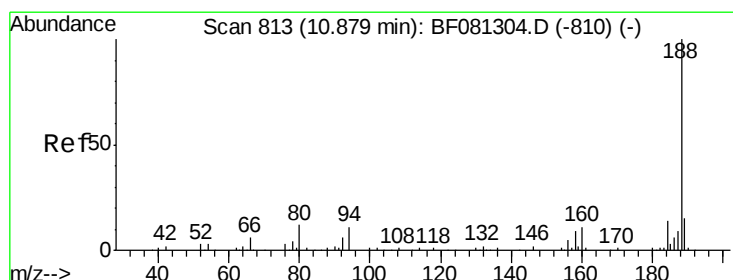
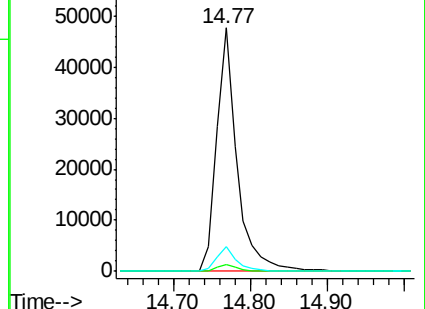
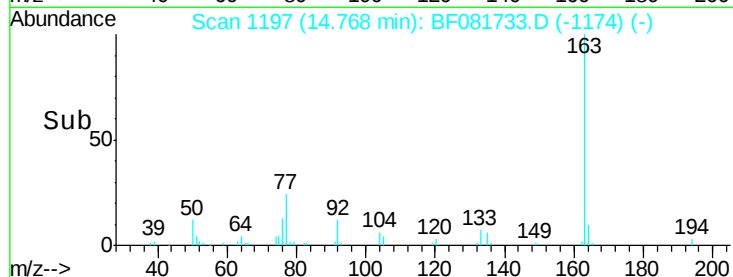
164 10.1 8.3 12.5



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: 18.70 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BF081733.D

Acq: 22 Sep 2015 4:27

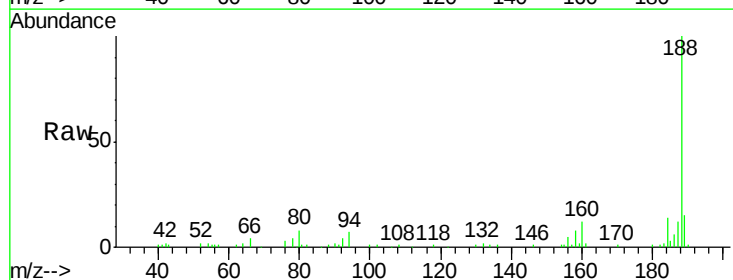
Tgt Ion:188 Resp: 126845

Ion Ratio Lower Upper

188 100

94 7.3 11.1 16.7#

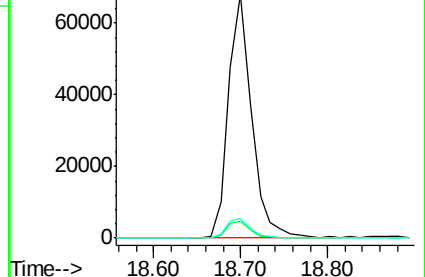
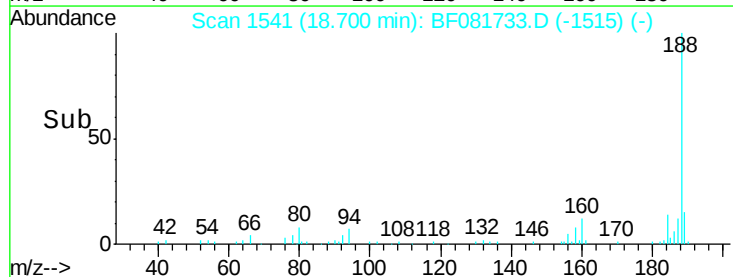
80 8.1 11.0 16.4#

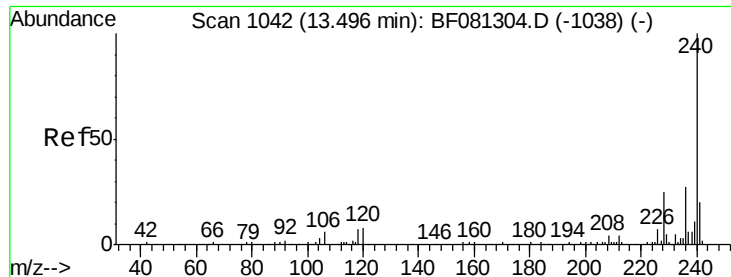


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

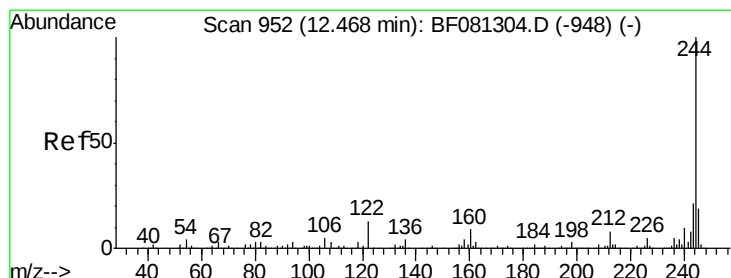
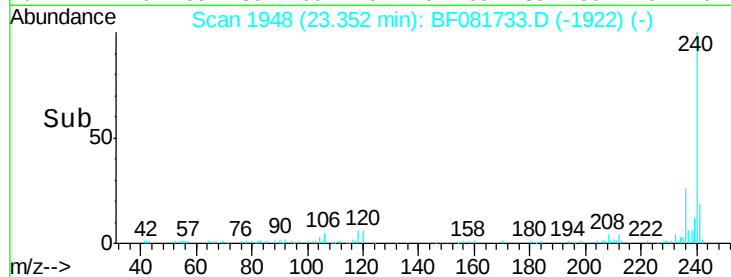
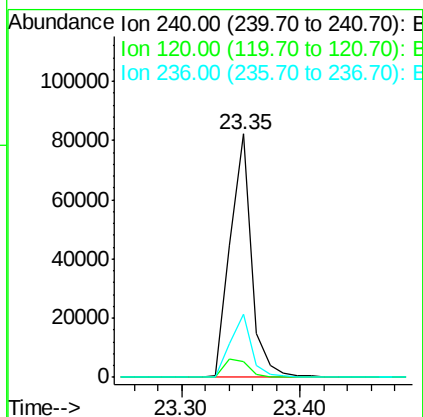
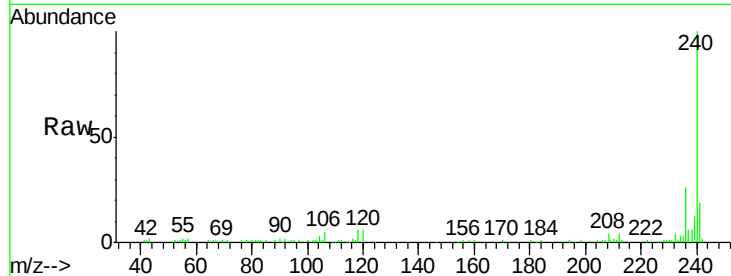




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 23.35 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BF081733.D
 Acq: 22 Sep 2015 4:27

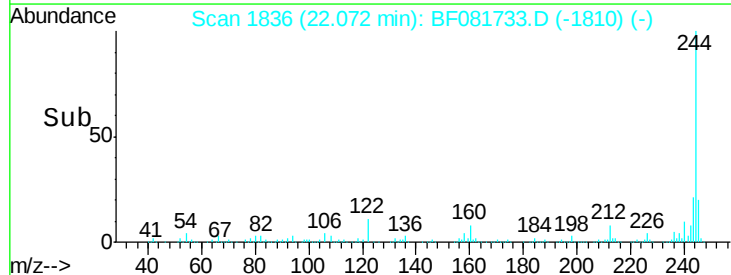
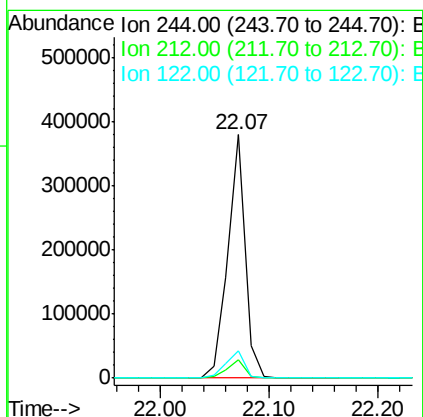
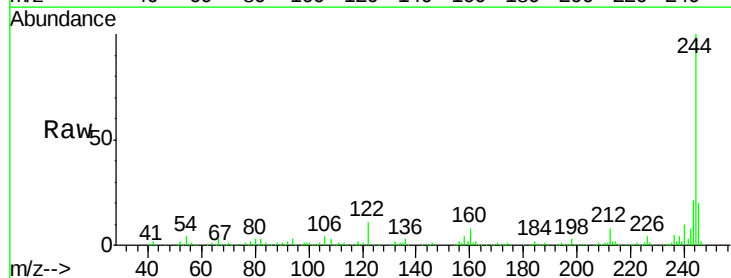
Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-1-4

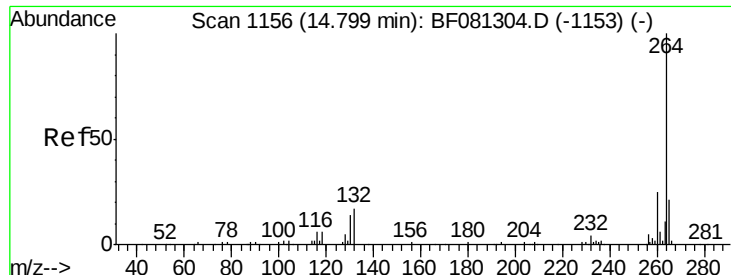
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.4	16.2	24.2#
236	25.9	18.4	27.6



#78
 Terphenyl-d14
 Concen: 95.23 ng
 RT: 22.07 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BF081733.D
 Acq: 22 Sep 2015 4:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.3	6.5#
122	11.2	17.4	26.2#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BF081733.D
Acq: 22 Sep 2015 4:27

Instrument :
BNA_F
ClientSampleId :
TRENCH-1-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	16.7	25.1
265	22.2	17.2	25.8

