

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
 Data File : BF081734.D
 Acq On : 22 Sep 2015 5:03
 Operator : UM/IZ
 Sample : G3747-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-2-1

Quant Time: Sep 22 06:31:40 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

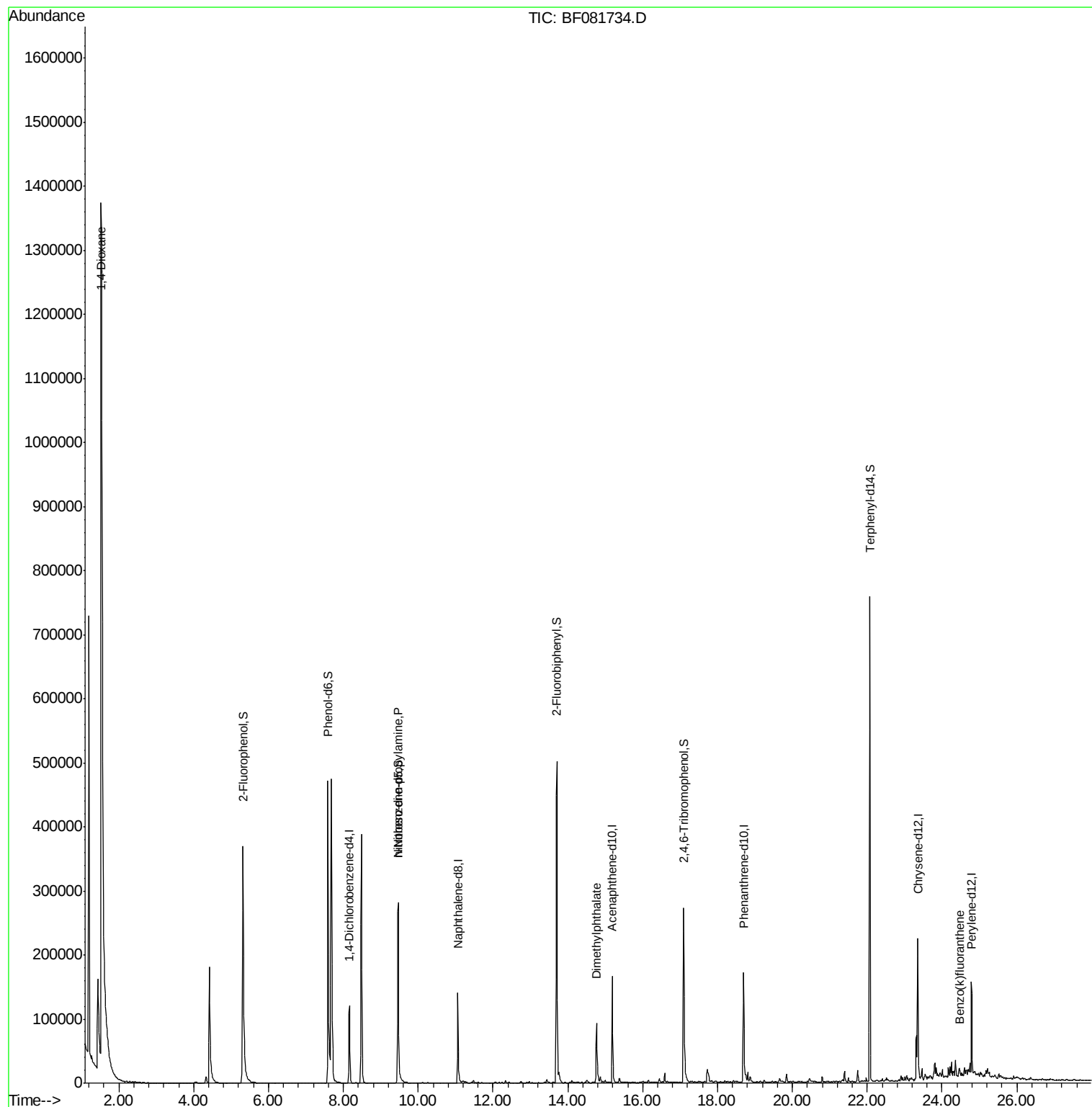
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	34797	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	134750	20.00	ng	-0.01
38) Acenaphthene-d10	15.19	164	62300	20.00	ng	-0.01
63) Phenanthrene-d10	18.70	188	129657	20.00	ng	0.00
75) Chrysene-d12	23.35	240	107391	20.00	ng	0.00
86) Perylene-d12	24.79	264	77942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	206165	91.92	ng	0.01
7) Phenol-d6	7.59	99	294402	99.17	ng	-0.01
23) Nitrobenzene-d5	9.46	82	194934	69.80	ng	-0.01
41) 2,4,6-Tribromophenol	17.10	330	58114	104.76	ng	-0.01
44) 2-Fluorobiphenyl	13.71	172	307628	63.28	ng	-0.01
78) Terphenyl-d14	22.07	244	315327	68.35	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.52	88	85759	85.14	ng	# 11
19) n-Nitroso-di-n-propylamine	9.46	70	23506	11.63	ng	# 66
49) Dimethylphthalate	14.77	163	79366	16.40	ng	# 96
88) Benzo(k)fluoranthene	24.46	252	9728	2.11	ng	# 90

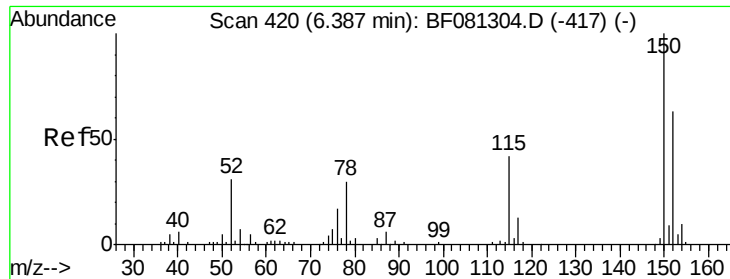
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081734.D

Acq: 22 Sep 2015 5:03

Instrument :

BNA_F

ClientSampleId :

TRENCH-2-1

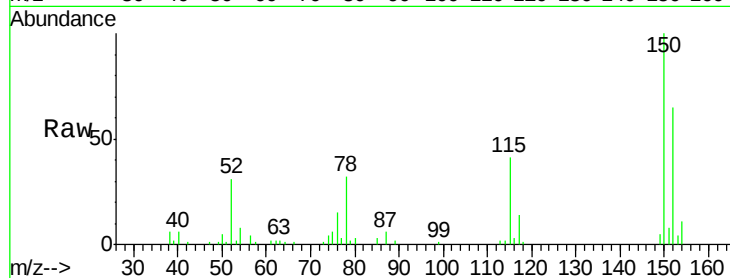
Tot Ion:152 Resp: 34797

Ion Ratio Lower Upper

152 100

150 152.9 124.7 187.1

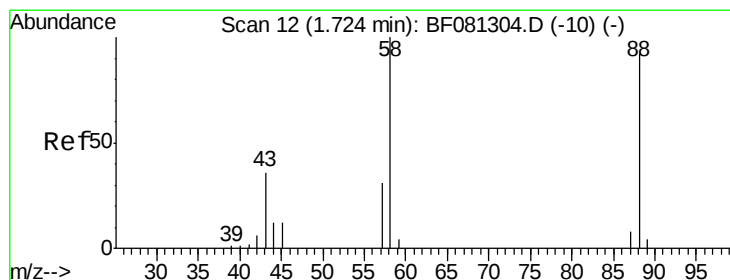
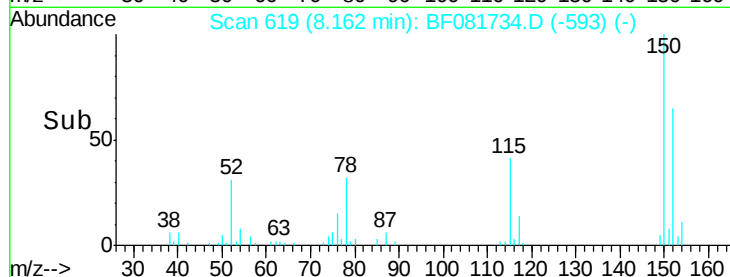
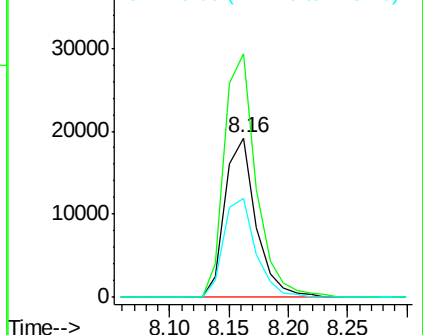
115 62.0 39.0 58.4#



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: 85.14 ng

RT: 1.52 min Scan# 38

Delta R.T. 0.00 min

Lab File: BF081734.D

Acq: 22 Sep 2015 5:03

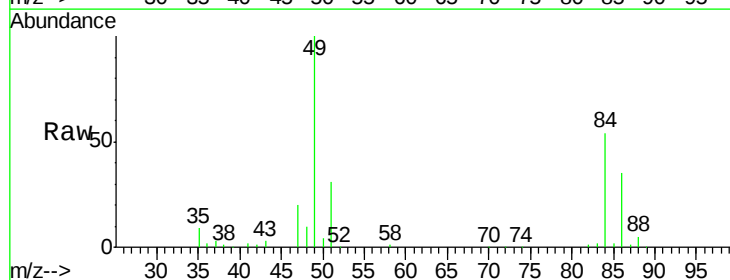
Tgt Ion: 88 Resp: 85759

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

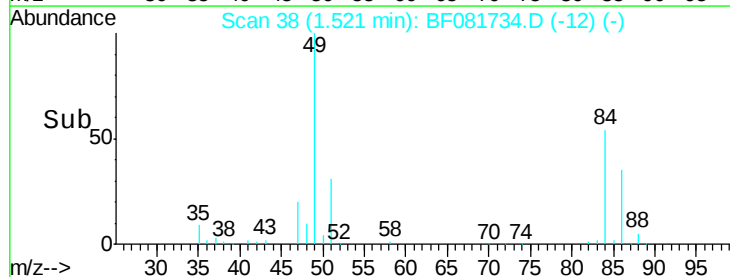
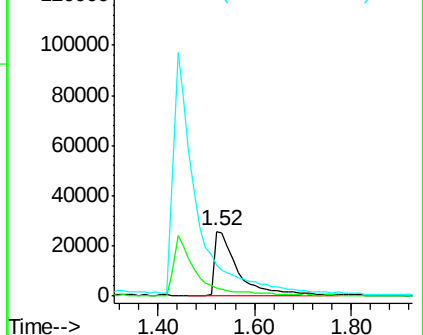
43 0.0 26.6 40.0#

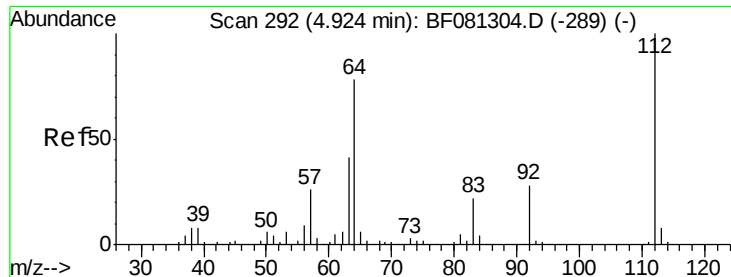


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 91.92 ng

RT: 5.32 min Scan# 370

Delta R.T. 0.01 min

Lab File: BF081734.D

Acq: 22 Sep 2015 5:03

Instrument :

BNA_F

ClientSampleId :

TRENCH-2-1

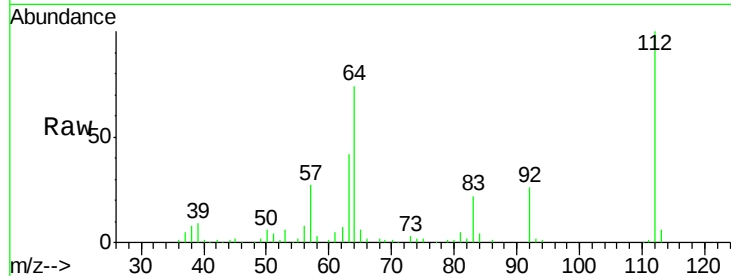
Tot Ion: 112 Resp: 206165

Ion Ratio Lower Upper

112 100

64 73.9 39.7 59.5#

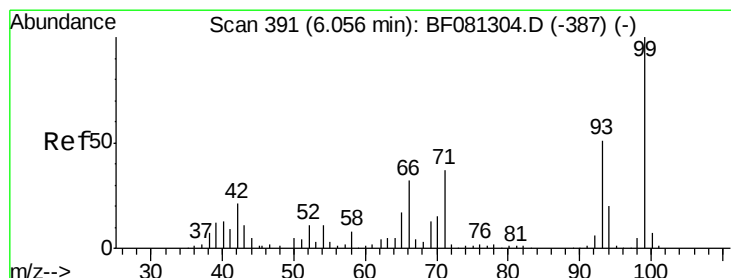
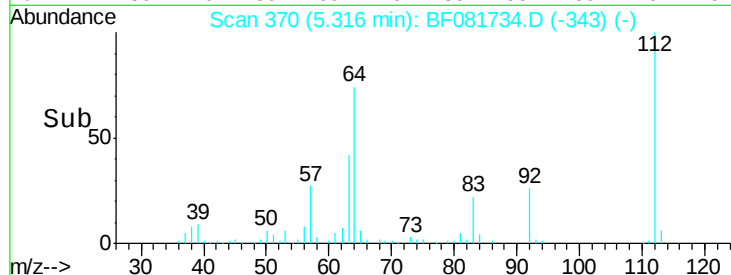
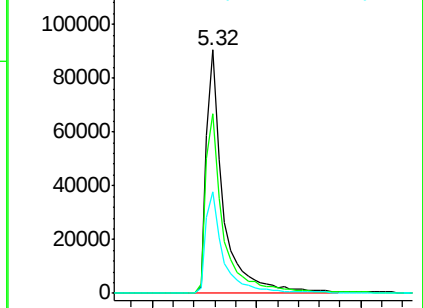
63 41.7 17.4 26.0#



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: 99.17 ng

RT: 7.59 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF081734.D

Acq: 22 Sep 2015 5:03

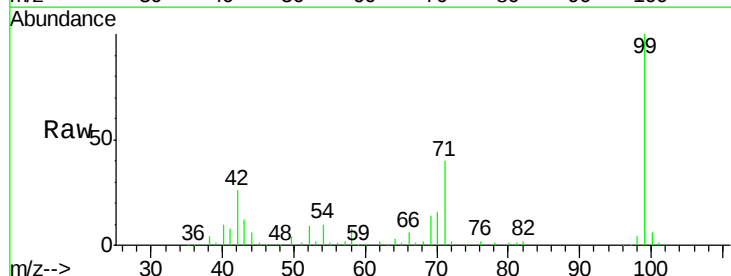
Tgt Ion: 99 Resp: 294402

Ion Ratio Lower Upper

99 100

42 25.9 13.7 20.5#

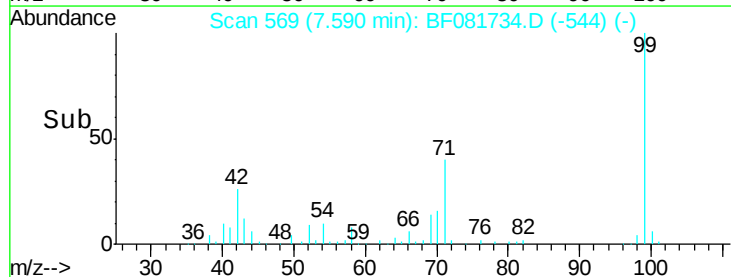
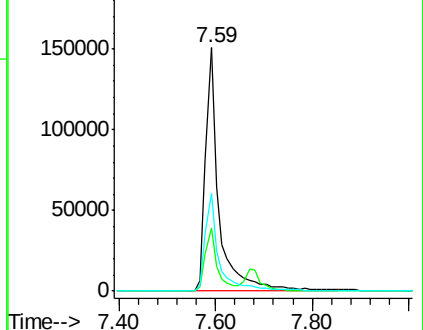
71 39.9 14.2 21.2#

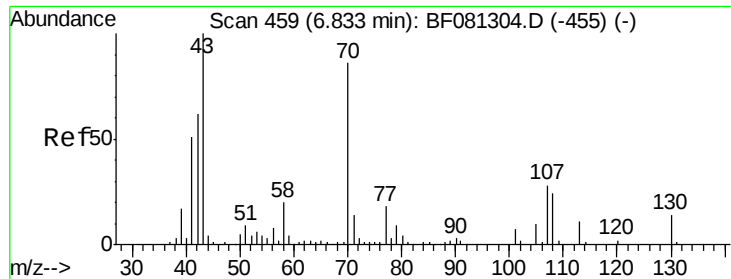


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

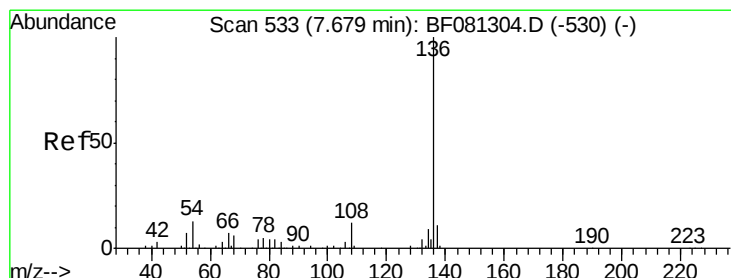
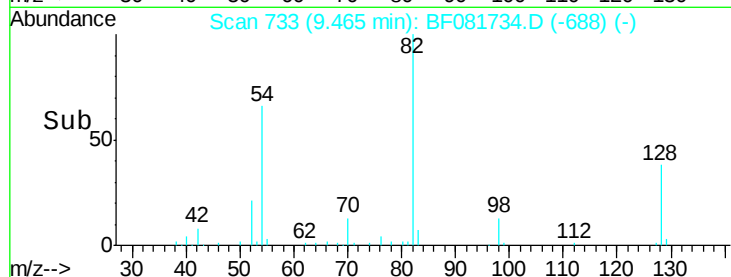
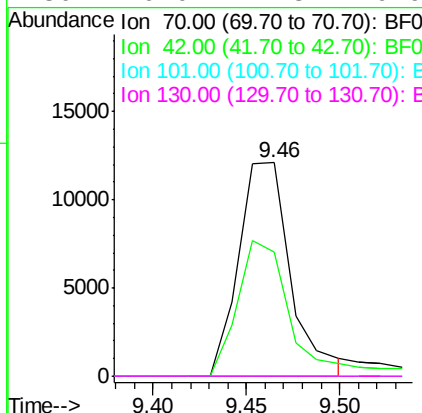
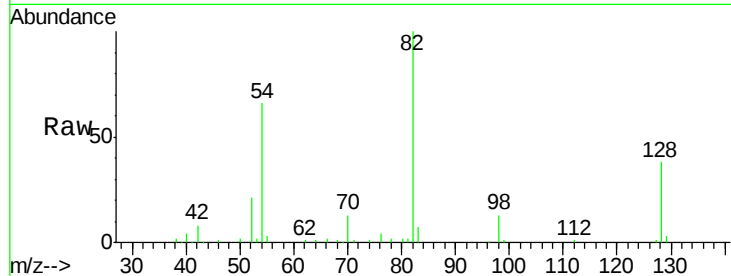




#19
n-Nitroso-di-n-propylamine
Concen: 11.63 ng
RT: 9.46 min Scan# 733
Delta R.T. 0.22 min
Lab File: BF081734.D
Acq: 22 Sep 2015 5:03

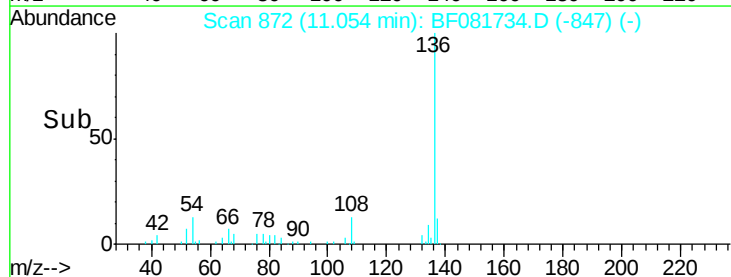
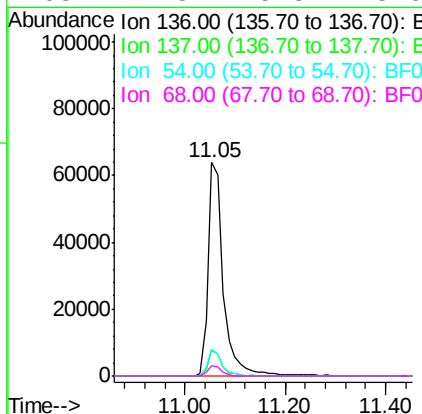
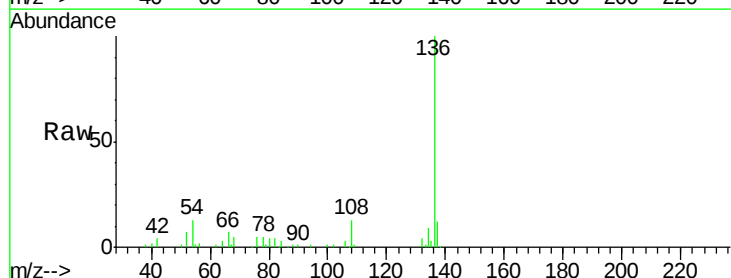
Instrument :
BNA_F
ClientSampleId :
TRENCH-2-1

Tot Ion: 70 Resp: 23506
Ion Ratio Lower Upper
70 100
42 58.4 63.8 95.6#
101 0.0 9.2 13.8#
130 0.0 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: BF081734.D
Acq: 22 Sep 2015 5:03

Tgt Ion: 136 Resp: 134750
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.6
54 12.6 8.2 12.2#
68 4.8 5.8 8.6#

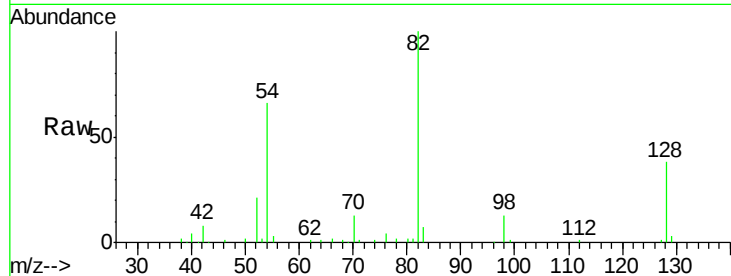




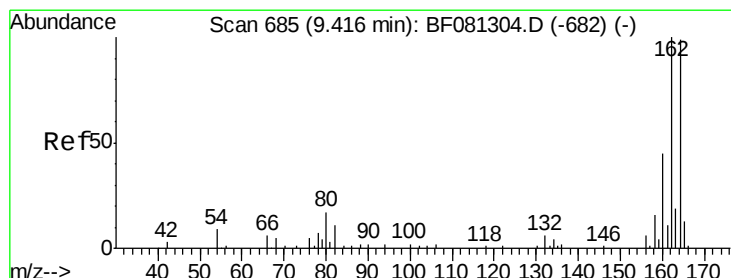
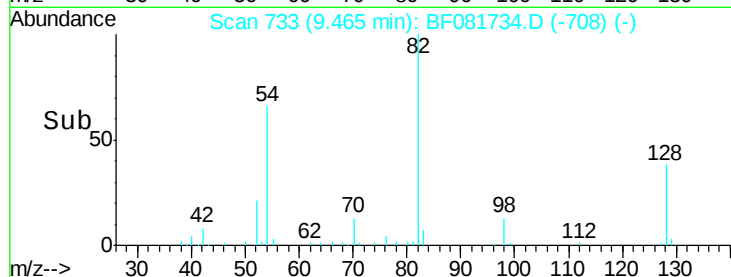
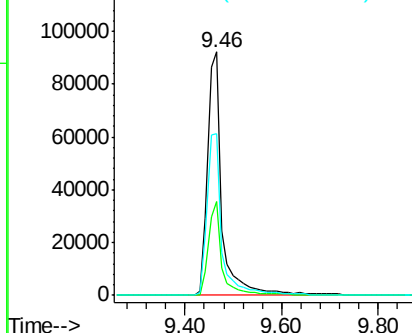
#23
Nitrobenzene-d5
Concen: 69.80 ng
RT: 9.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF081734.D
Acq: 22 Sep 2015 5:03

Instrument :
BNA_F
ClientSampleId :
TRENCH-2-1

Tot Ion: 82 Resp: 194934
Ion Ratio Lower Upper
82 100
128 38.4 51.0 76.6#
54 66.2 47.5 71.3

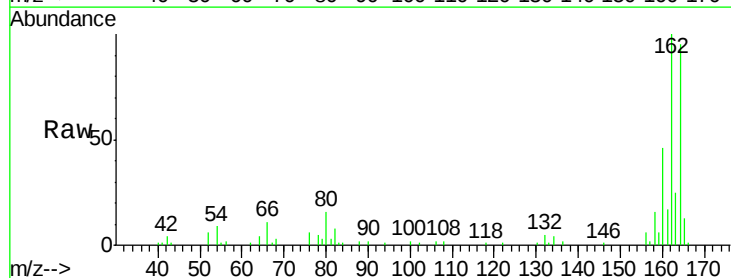


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

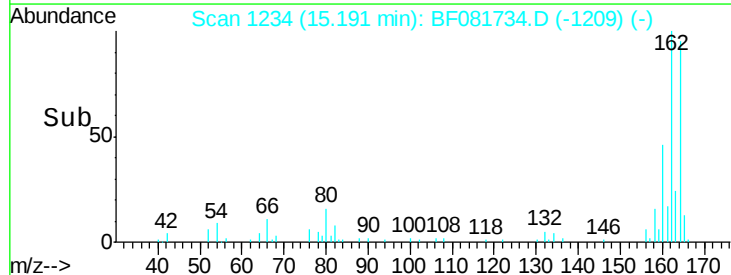
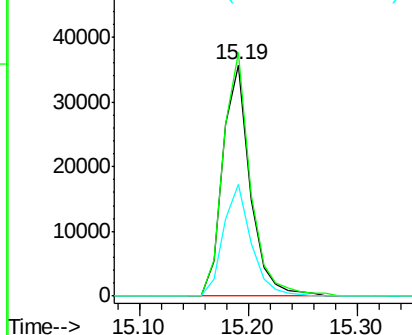


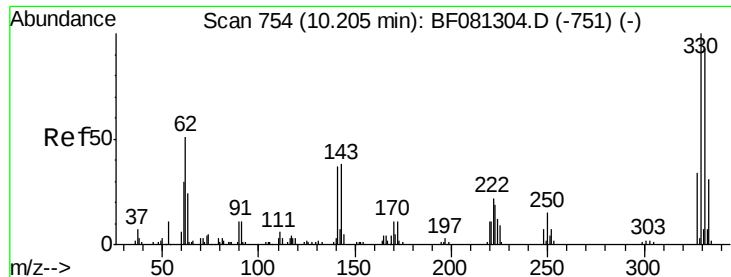
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.19 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF081734.D
Acq: 22 Sep 2015 5:03

Tgt Ion:164 Resp: 62300
Ion Ratio Lower Upper
164 100
162 105.3 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

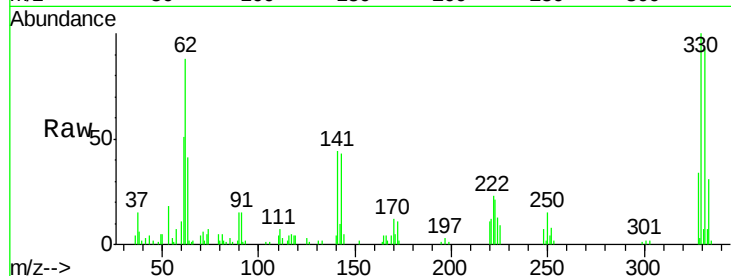




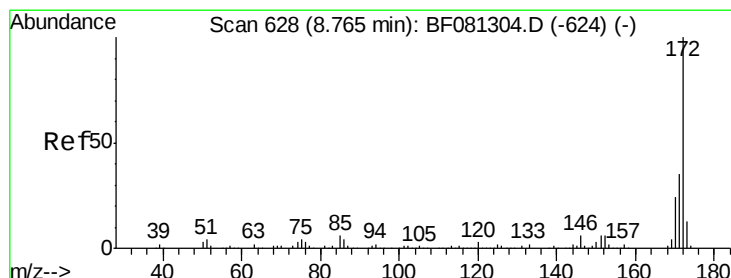
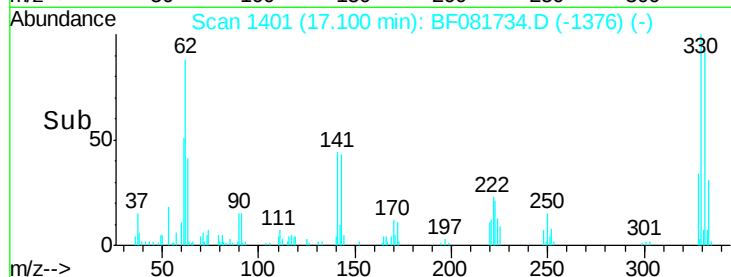
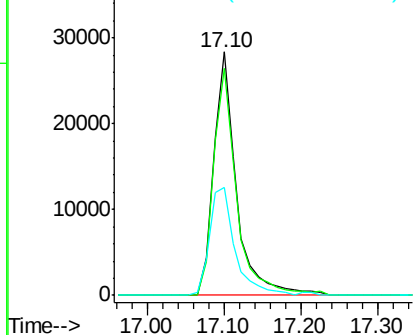
#41
 2,4,6-Tribromophenol
 Concen: 104.76 ng
 RT: 17.10 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF081734.D
 Acq: 22 Sep 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-2-1

Tot Ion:330 Resp: 58114
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 49.9 29.7 44.5#

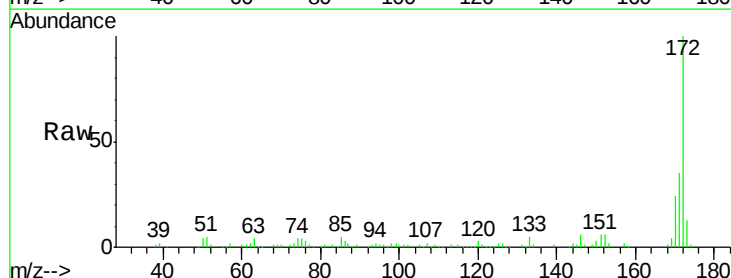


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

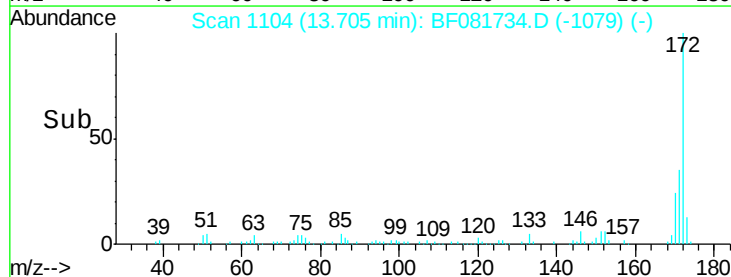
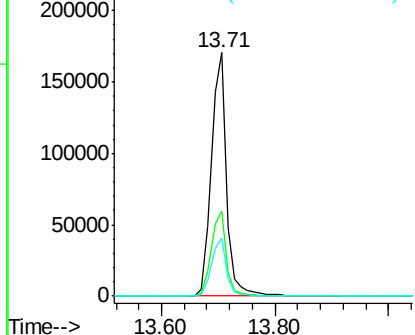


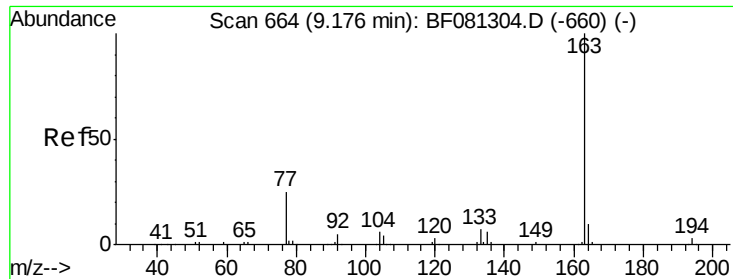
#44
 2-Fluorobiphenyl
 Concen: 63.28 ng
 RT: 13.71 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF081734.D
 Acq: 22 Sep 2015 5:03

Tgt Ion:172 Resp: 307628
 Ion Ratio Lower Upper
 172 100
 171 34.7 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: 16.40 ng

RT: 14.77 min Scan# 1197

Delta R.T. -0.03 min

Lab File: BF081734.D

Acq: 22 Sep 2015 5:03

Instrument :

BNA_F

ClientSampleId :

TRENCH-2-1

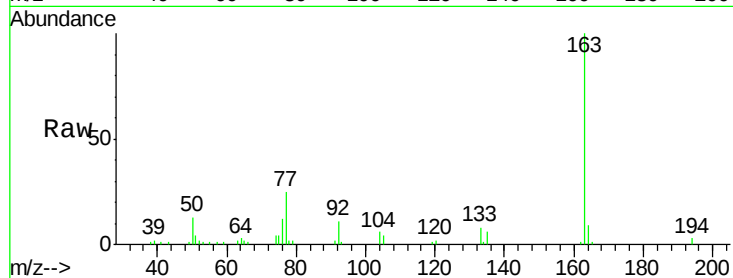
Tot Ion:163 Resp: 79366

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

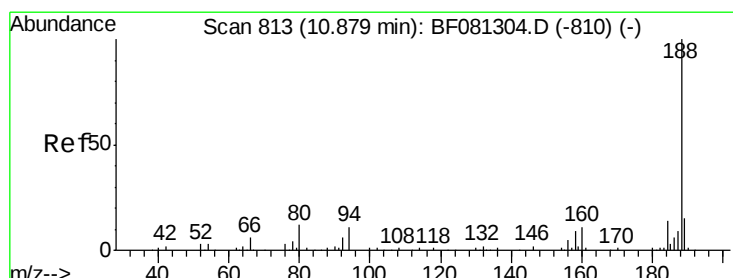
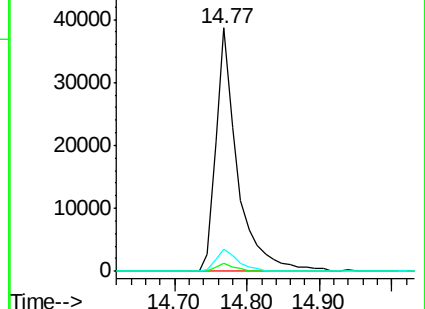
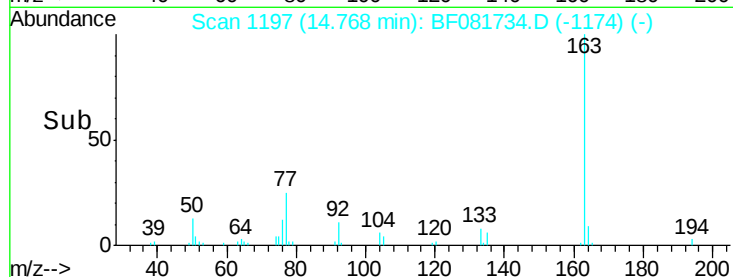
164 9.3 8.3 12.5



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: BF081734.D

Acq: 22 Sep 2015 5:03

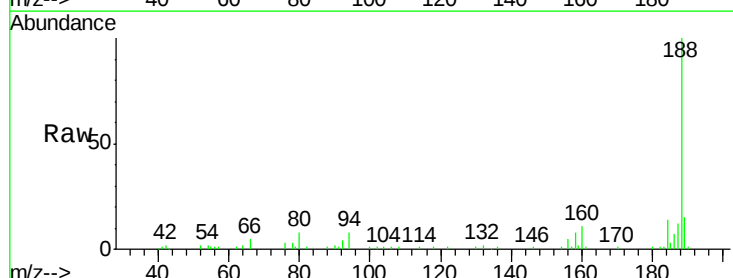
Tgt Ion:188 Resp: 129657

Ion Ratio Lower Upper

188 100

94 7.5 11.1 16.7#

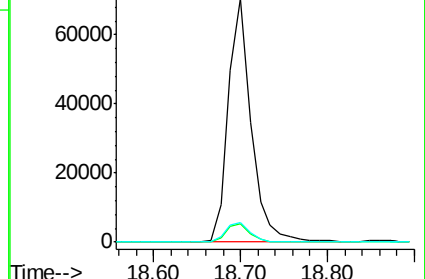
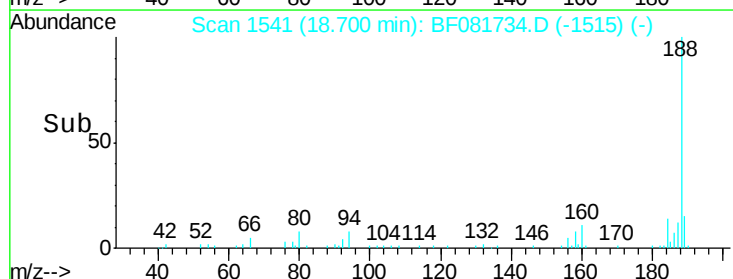
80 8.1 11.0 16.4#

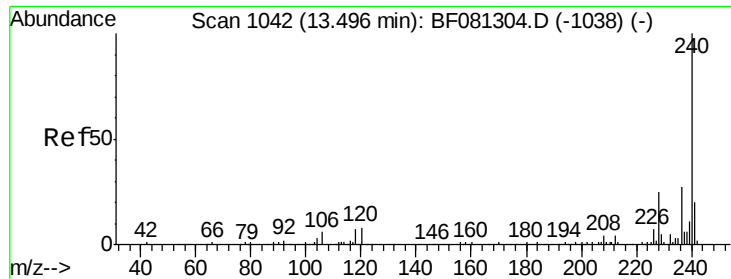


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF081734.D

Acq: 22 Sep 2015 5:03

Instrument :

BNA_F

ClientSampleID :

TRENCH-2-1

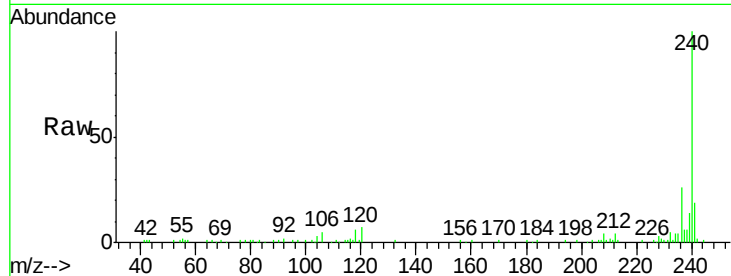
Tot Ion:240 Resp: 107391

Ion Ratio Lower Upper

240 100

120 6.7 16.2 24.2#

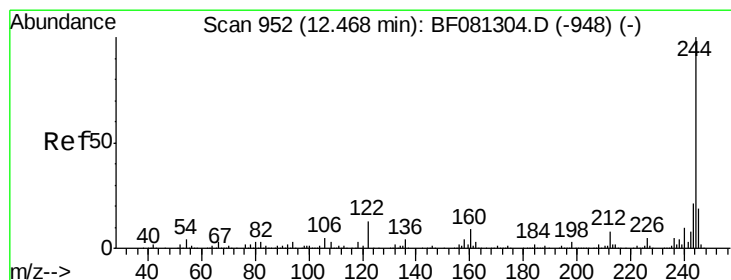
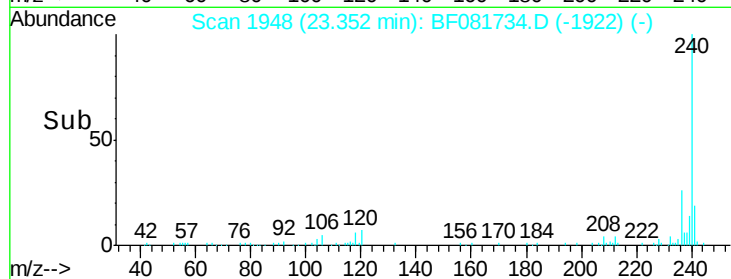
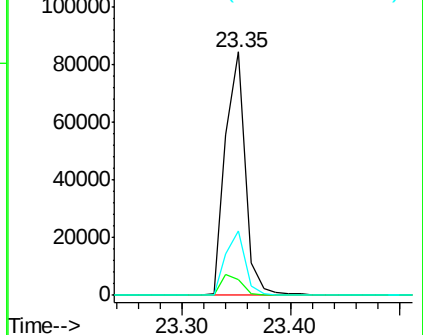
236 26.5 18.4 27.6



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: 68.35 ng

RT: 22.07 min Scan# 1836

Delta R.T. 0.00 min

Lab File: BF081734.D

Acq: 22 Sep 2015 5:03

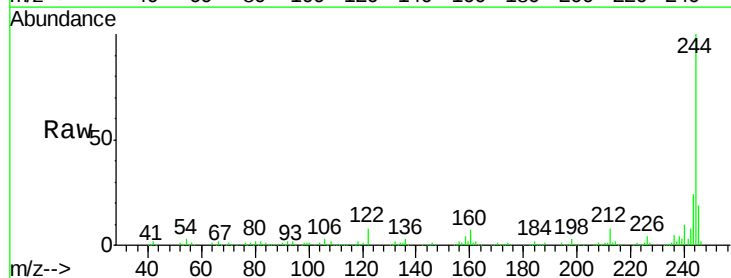
Tgt Ion:244 Resp: 315327

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

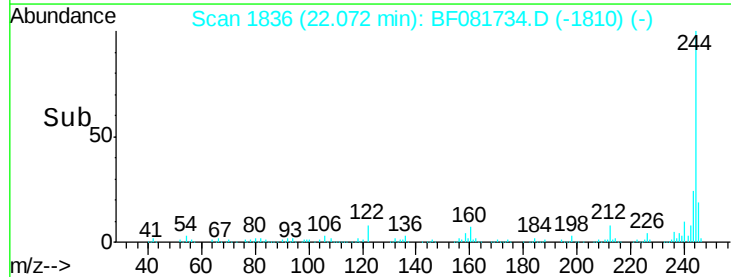
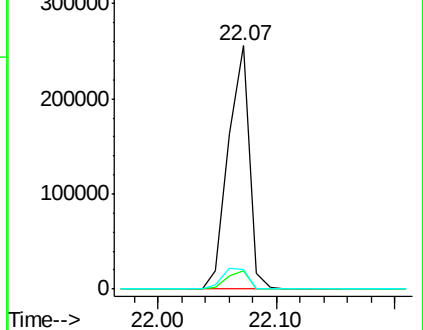
122 8.2 17.4 26.2#

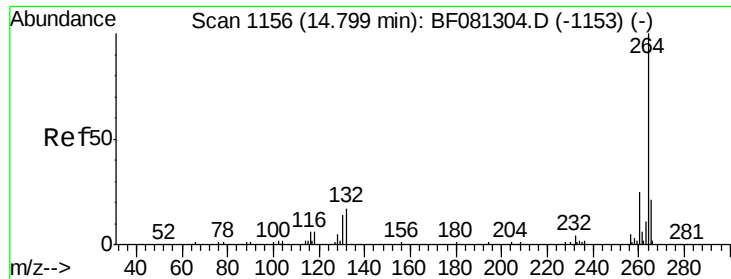


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



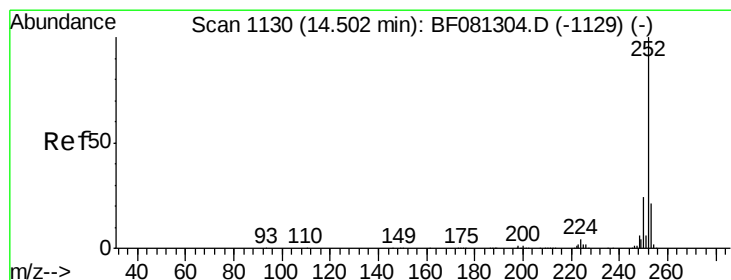
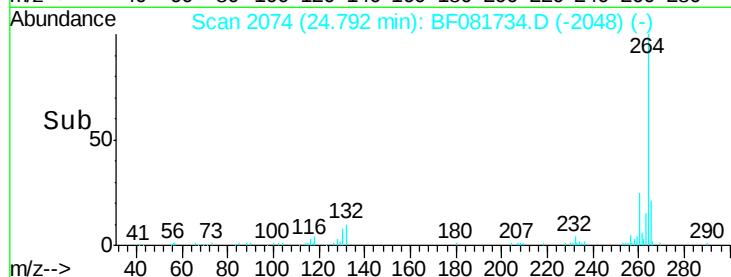
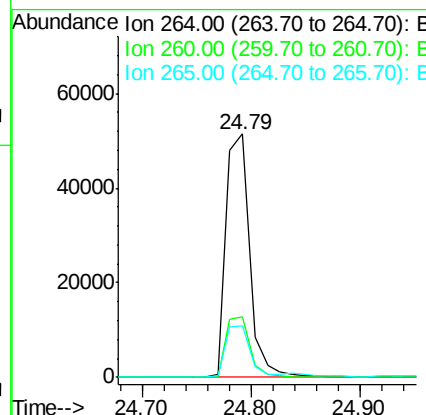
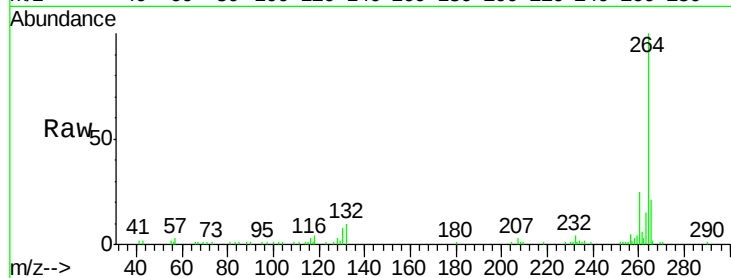


#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BF081734.D
Acq: 22 Sep 2015 5:03

Instrument :
BNA_F
ClientSampleId :
TRENCH-2-1

Tot Ion:264 Resp: 77942

Ion	Ratio	Lower	Upper
264	100		
260	25.0	16.7	25.1
265	21.1	17.2	25.8



#88
Benzo(k)fluoranthene
Concen: 2.11 ng
RT: 24.46 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF081734.D
Acq: 22 Sep 2015 5:03

Tgt Ion:252 Resp: 9728

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.0	25.4
125	14.7	16.0	24.0#

