

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
 Data File : BF081754.D
 Acq On : 22 Sep 2015 23:42
 Operator : UM/IZ
 Sample : G3747-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-2-3

Quant Time: Sep 23 01:02:23 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

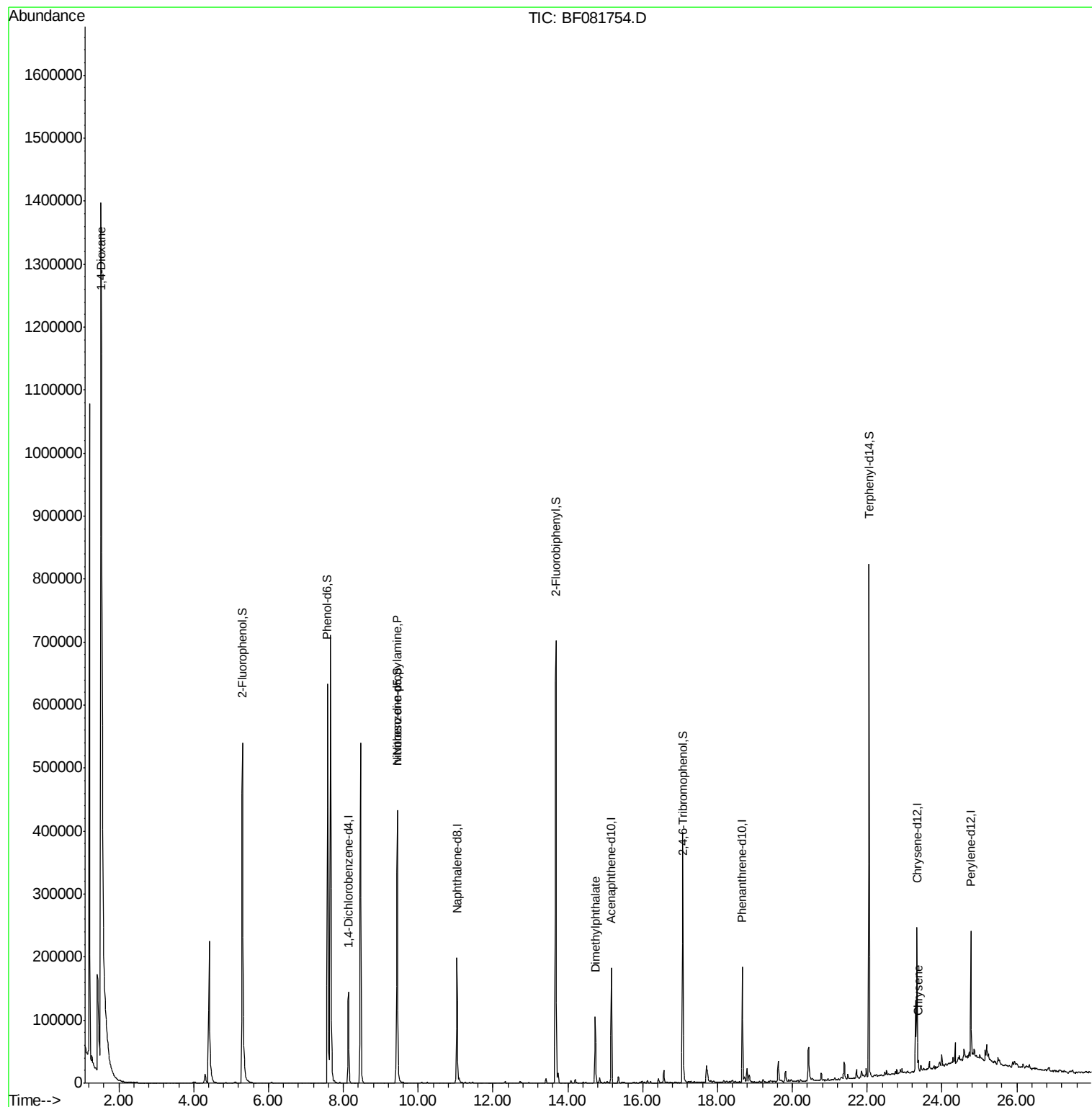
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	40014	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	153491	20.00	ng	-0.01
38) Acenaphthene-d10	15.16	164	69871	20.00	ng	-0.01
63) Phenanthrene-d10	18.67	188	126833	20.00	ng	-0.01
75) Chrysene-d12	23.33	240	82825	20.00	ng	0.00
86) Perylene-d12	24.77	264	72857	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	271598	105.31	ng	0.02
7) Phenol-d6	7.58	99	377871	110.69	ng	0.00
23) Nitrobenzene-d5	9.44	82	255417	80.29	ng	-0.01
41) 2,4,6-Tribromophenol	17.08	330	70492	113.31	ng	0.00
44) 2-Fluorobiphenyl	13.68	172	416835	76.45	ng	-0.01
78) Terphenyl-d14	22.05	244	294488	82.77	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.52	88	90133	77.82	ng	# 11
19) n-Nitroso-di-n-propylamine	9.44	70	34265	14.75	ng	# 66
49) Dimethylphthalate	14.73	163	72458	13.35	ng	# 97
82) Chrysene	23.36	228	9567	2.02	ng	93

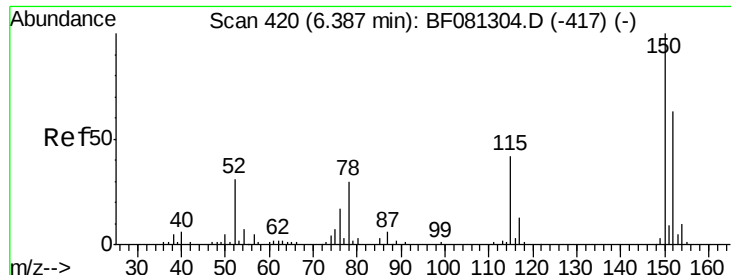
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081754.D

Acq: 22 Sep 2015 23:42

Instrument :

BNA_F

ClientSampleId :

TRENCH-2-3

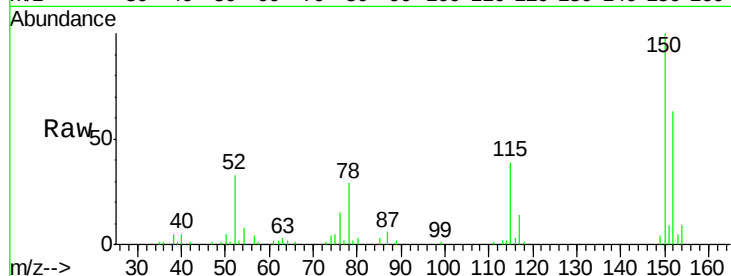
Tot Ion:152 Resp: 40014

Ion Ratio Lower Upper

152 100

150 159.5 124.7 187.1

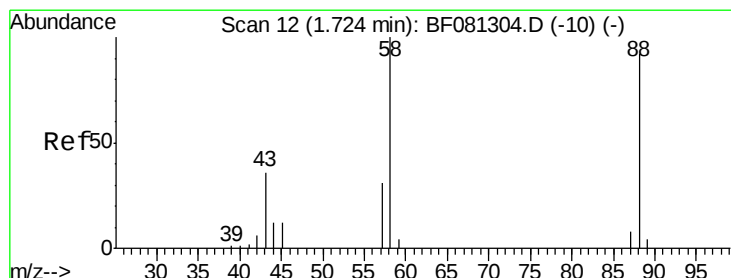
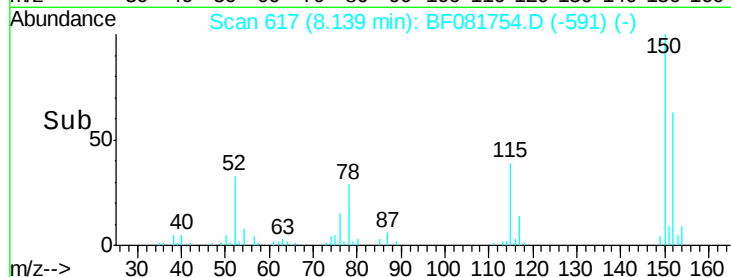
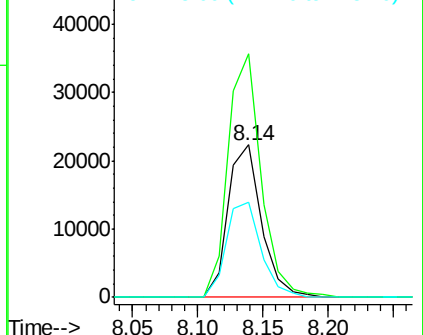
115 62.1 39.0 58.4#



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: 77.82 ng

RT: 1.52 min Scan# 38

Delta R.T. 0.01 min

Lab File: BF081754.D

Acq: 22 Sep 2015 23:42

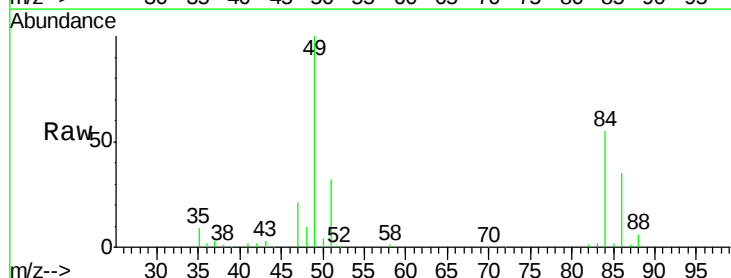
Tgt Ion: 88 Resp: 90133

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

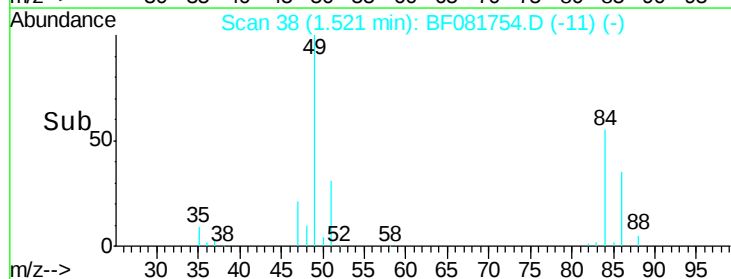
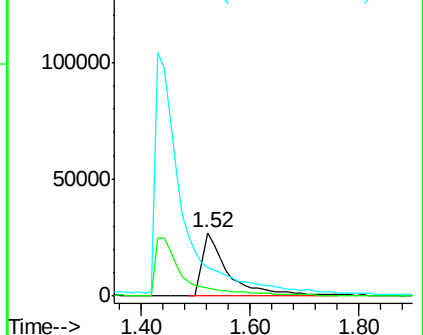
43 0.0 26.6 40.0#

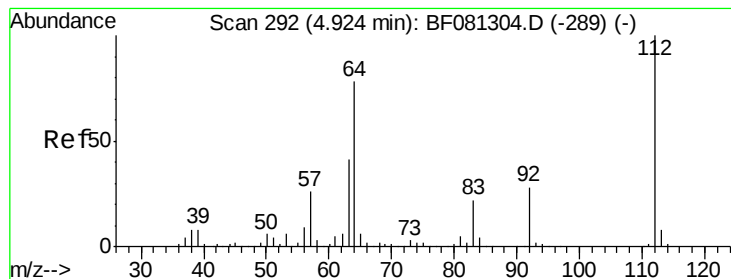


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 105.31 ng

RT: 5.30 min Scan# 369

Delta R.T. 0.02 min

Lab File: BF081754.D

Acq: 22 Sep 2015 23:42

Instrument :

BNA_F

ClientSampleId :

TRENCH-2-3

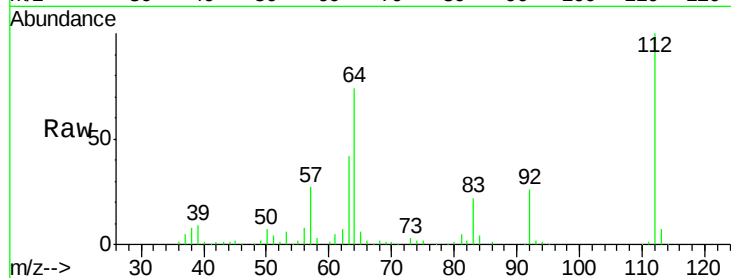
Tot Ion:112 Resp: 271598

Ion Ratio Lower Upper

112 100

64 73.6 39.7 59.5#

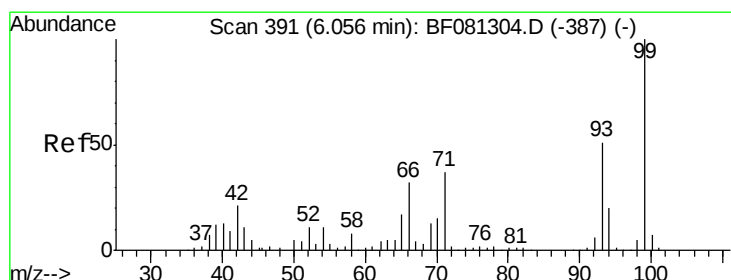
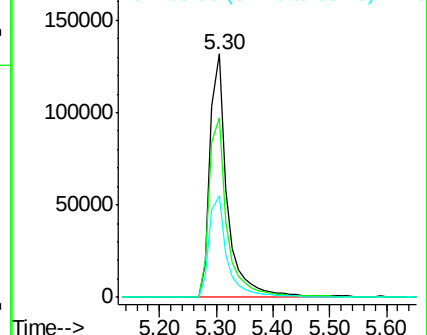
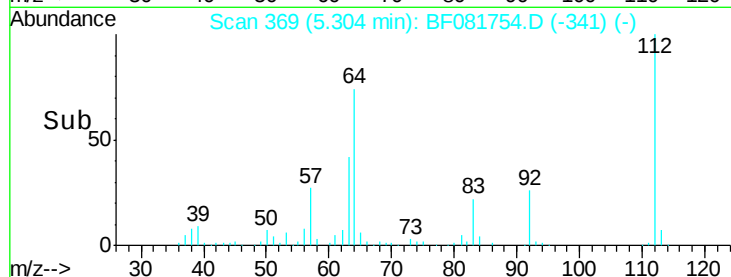
63 41.7 17.4 26.0#



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: 110.69 ng

RT: 7.58 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF081754.D

Acq: 22 Sep 2015 23:42

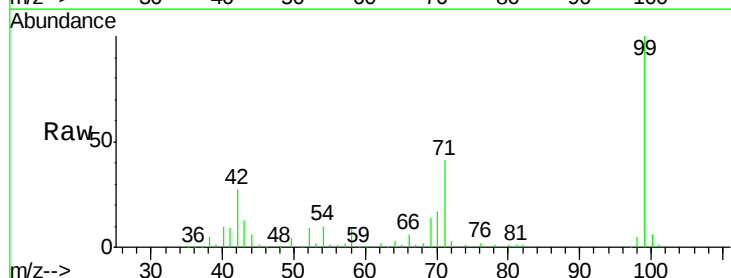
Tgt Ion: 99 Resp: 377871

Ion Ratio Lower Upper

99 100

42 26.6 13.7 20.5#

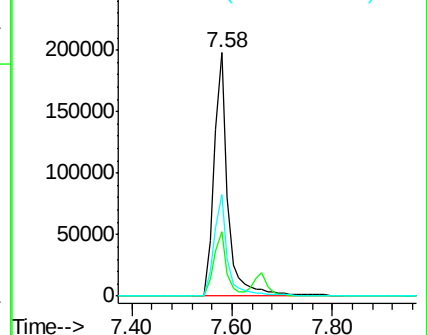
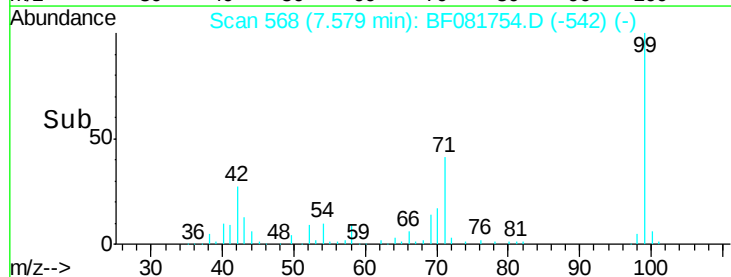
71 41.5 14.2 21.2#

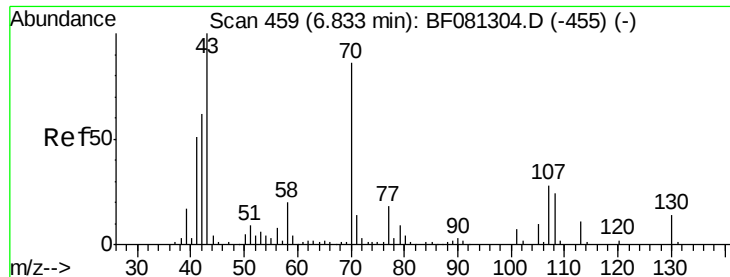


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

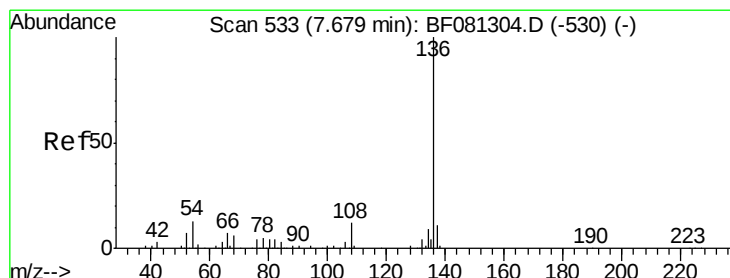
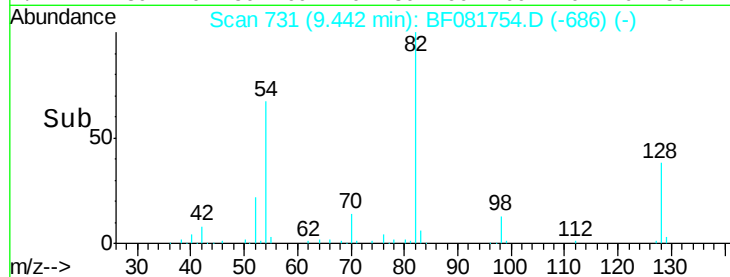
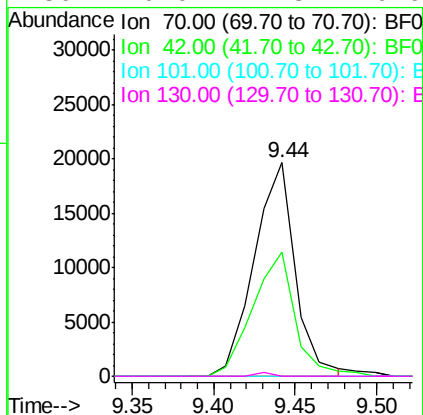
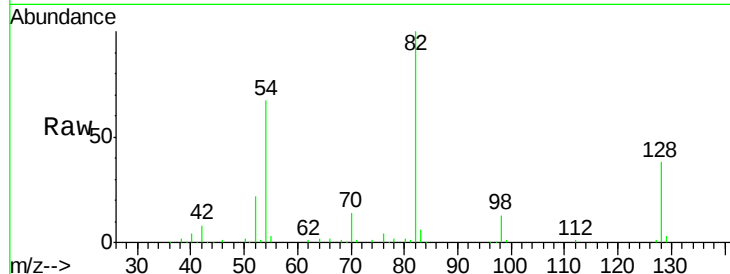




#19
n-Nitroso-di-n-propylamine
Concen: 14.75 ng
RT: 9.44 min Scan# 731
Delta R.T. 0.22 min
Lab File: BF081754.D
Acq: 22 Sep 2015 23:42

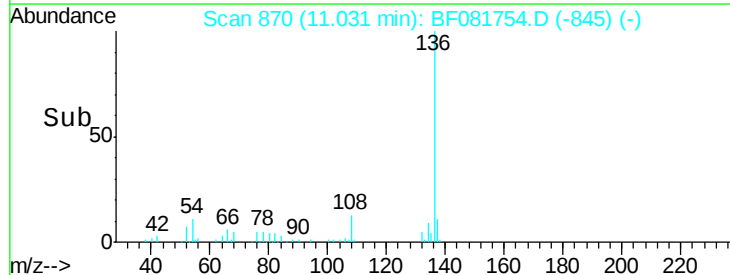
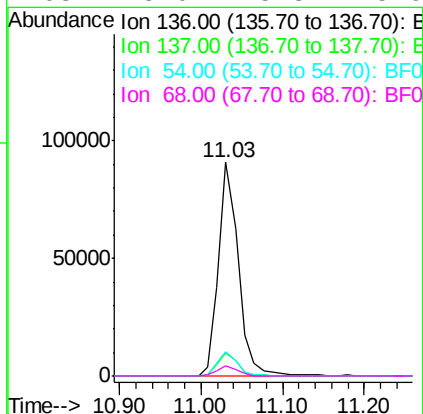
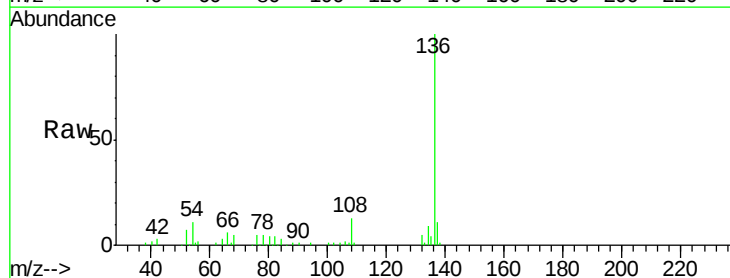
Instrument :
BNA_F
ClientSampleId :
TRENCH-2-3

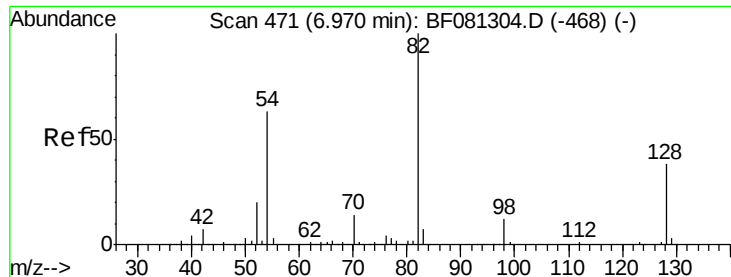
Tot Ion: 70 Resp: 34265
Ion Ratio Lower Upper
70 100
42 58.3 63.8 95.6#
101 0.0 9.2 13.8#
130 0.0 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF081754.D
Acq: 22 Sep 2015 23:42

Tgt Ion: 136 Resp: 153491
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 11.3 8.2 12.2
68 5.0 5.8 8.6#

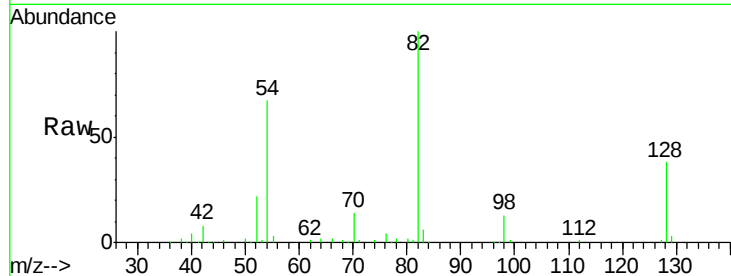




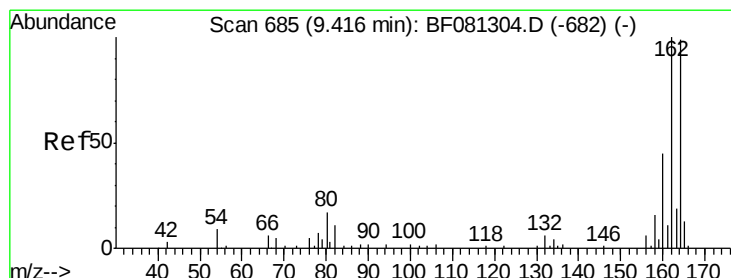
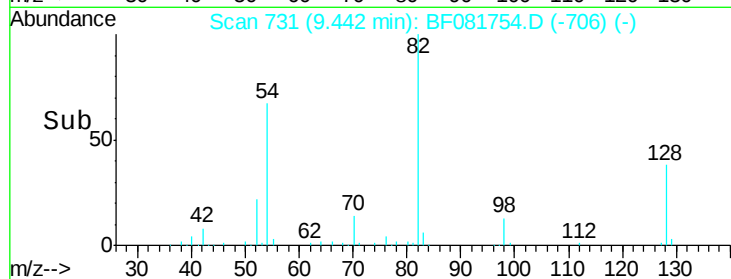
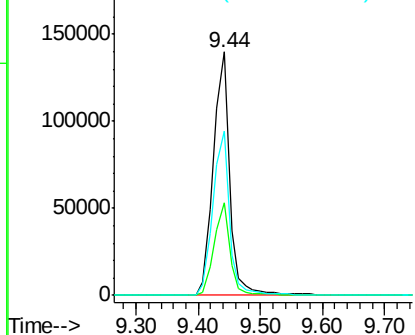
#23
 Nitrobenzene-d5
 Concen: 80.29 ng
 RT: 9.44 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF081754.D
 Acq: 22 Sep 2015 23:42

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-2-3

Tot Ion: 82 Resp: 255417
 Ion Ratio Lower Upper
 82 100
 128 37.9 51.0 76.6#
 54 67.5 47.5 71.3

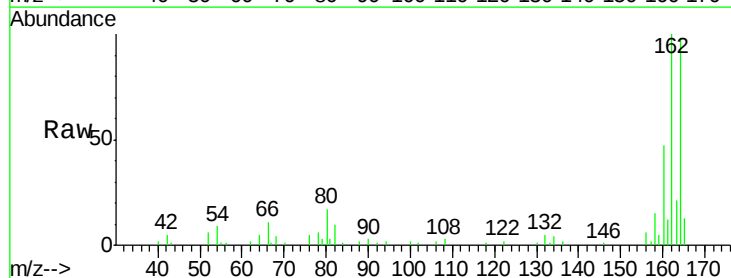


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

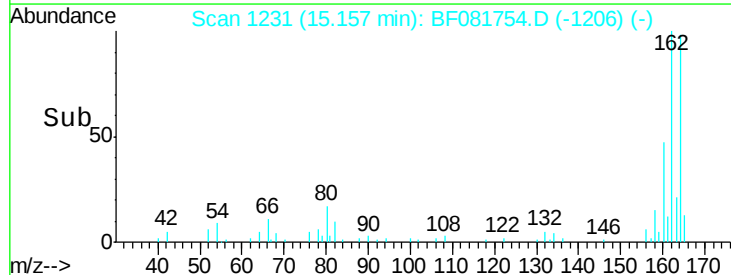
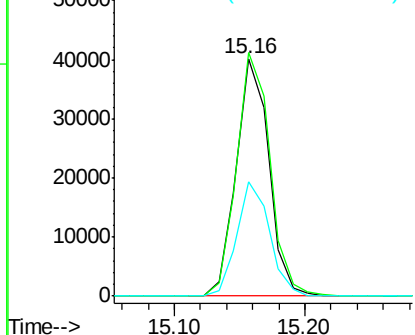


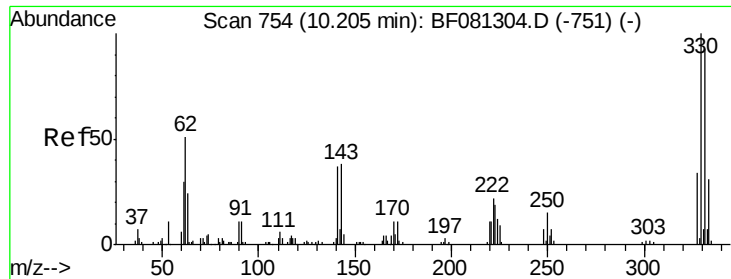
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF081754.D
 Acq: 22 Sep 2015 23:42

Tgt Ion: 164 Resp: 69871
 Ion Ratio Lower Upper
 164 100
 162 102.4 75.2 112.8
 160 47.9 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

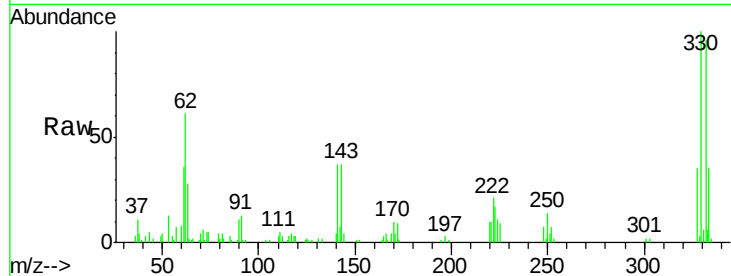




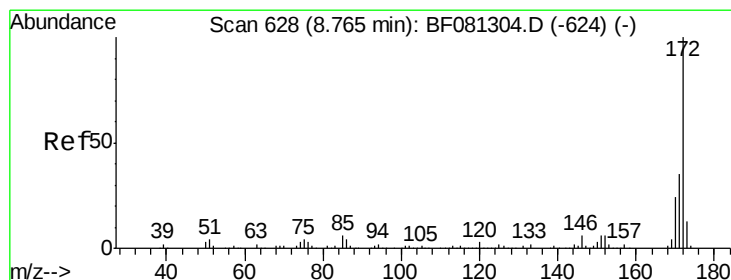
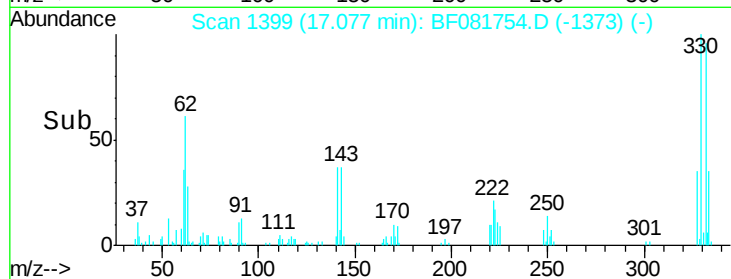
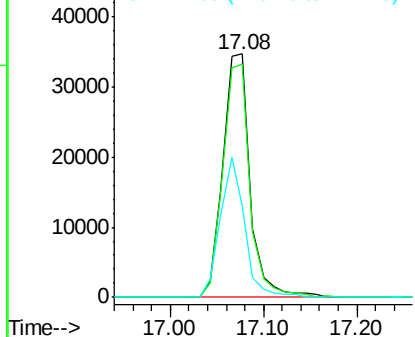
#41
 2,4,6-Tribromophenol
 Concen: 113.31 ng
 RT: 17.08 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF081754.D
 Acq: 22 Sep 2015 23:42

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-2-3

Tot Ion:330 Resp: 70492
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 51.2 29.7 44.5#

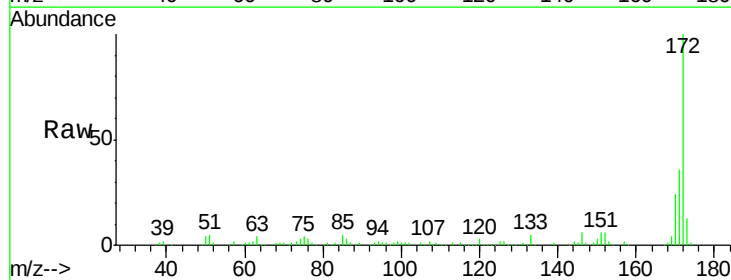


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

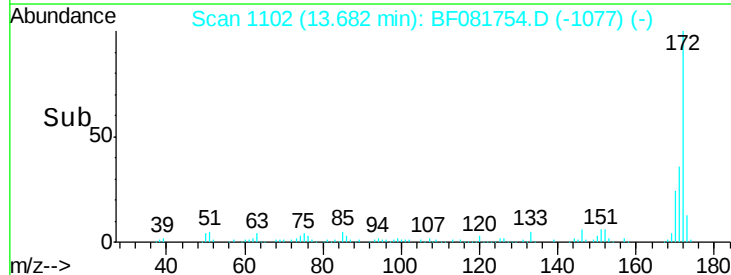
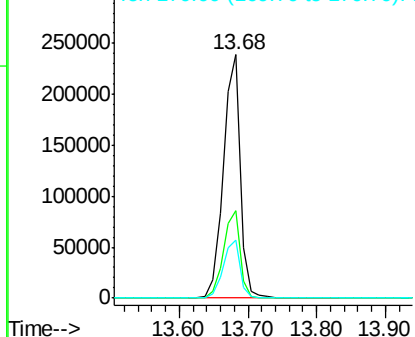


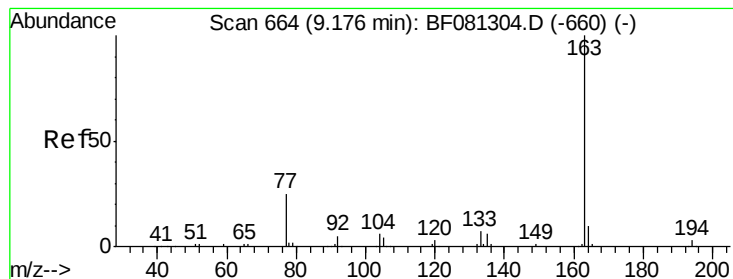
#44
 2-Fluorobiphenyl
 Concen: 76.45 ng
 RT: 13.68 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF081754.D
 Acq: 22 Sep 2015 23:42

Tgt Ion:172 Resp: 416835
 Ion Ratio Lower Upper
 172 100
 171 35.7 26.1 39.1
 170 23.9 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: 13.35 ng

RT: 14.73 min Scan# 1194

Delta R.T. -0.05 min

Lab File: BF081754.D

Acq: 22 Sep 2015 23:42

Instrument :

BNA_F

ClientSampled :

TRENCH-2-3

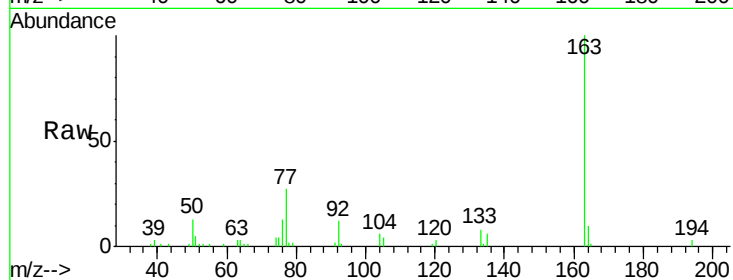
Tot Ion:163 Resp: 72458

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

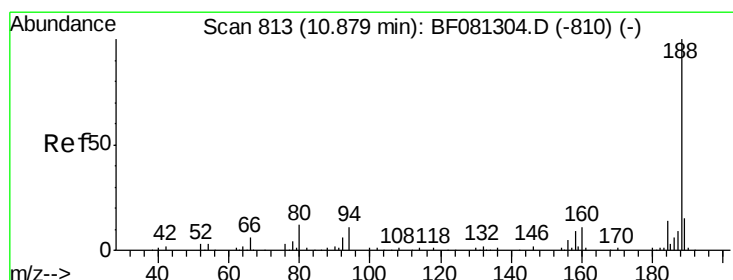
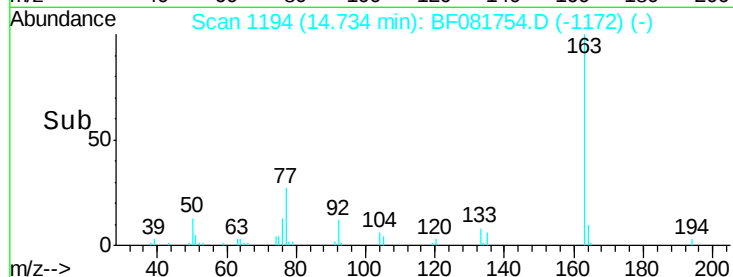
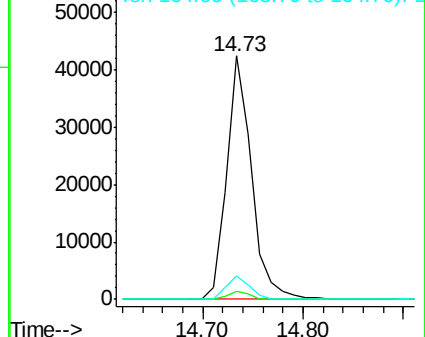
164 9.8 8.3 12.5



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: BF081754.D

Acq: 22 Sep 2015 23:42

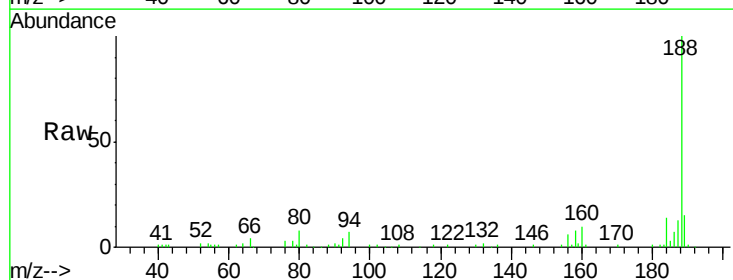
Tgt Ion:188 Resp: 126833

Ion Ratio Lower Upper

188 100

94 7.0 11.1 16.7#

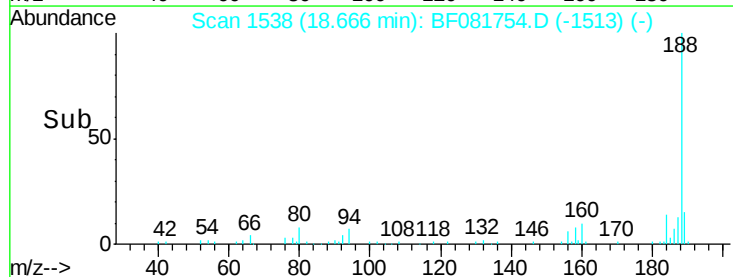
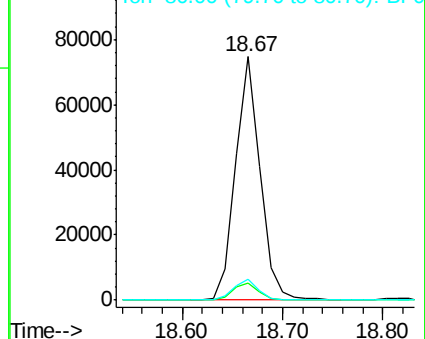
80 8.5 11.0 16.4#

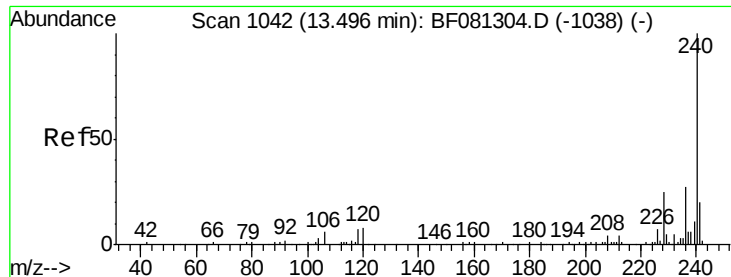


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

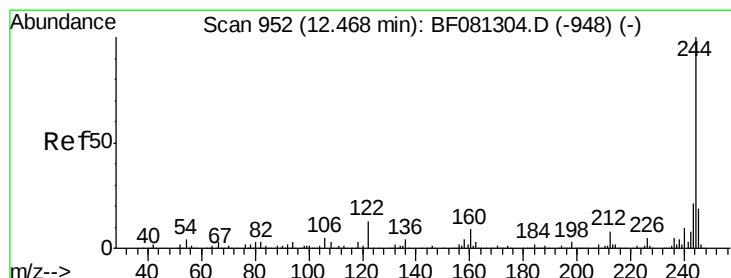
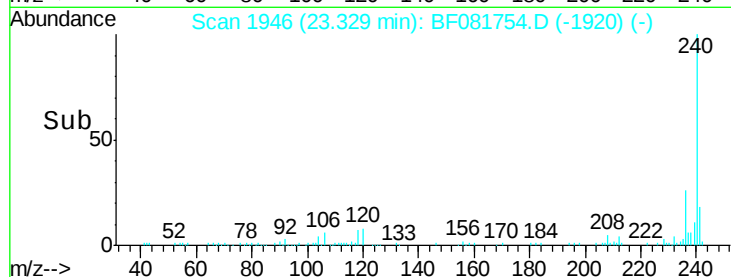
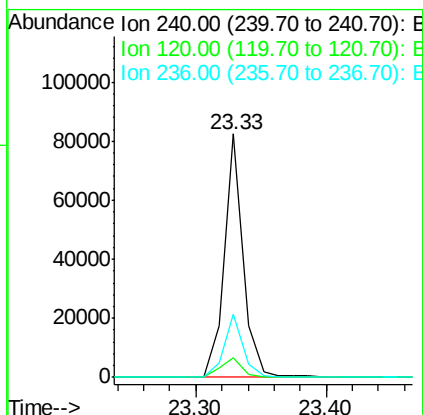
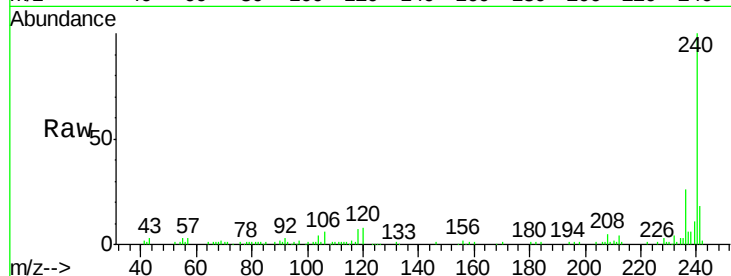




#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.33 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BF081754.D
Acq: 22 Sep 2015 23:42

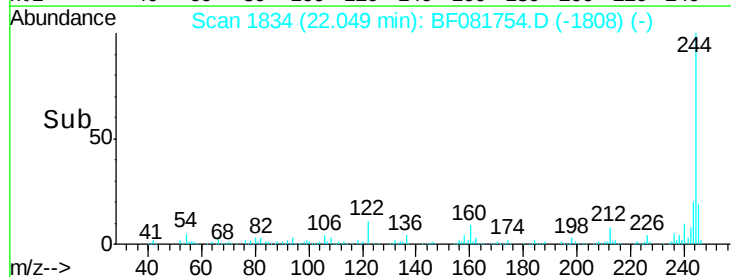
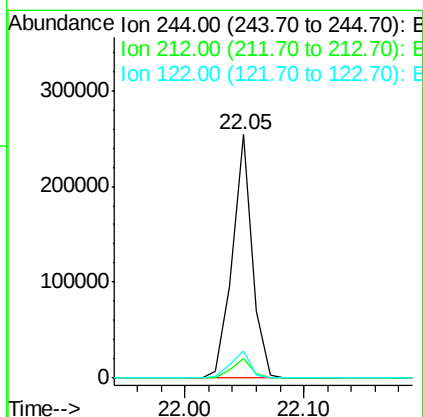
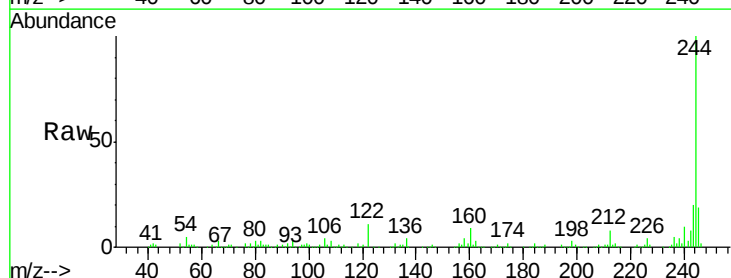
Instrument :
BNA_F
ClientSampleId :
TRENCH-2-3

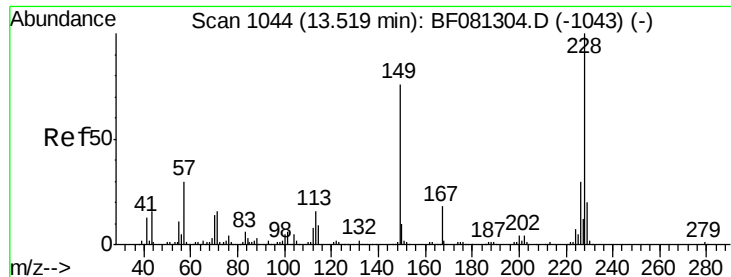
Tot Ion:240 Resp: 82825
Ion Ratio Lower Upper
240 100
120 8.1 16.2 24.2#
236 25.9 18.4 27.6



#78
Terphenyl-d14
Concen: 82.77 ng
RT: 22.05 min Scan# 1834
Delta R.T. -0.00 min
Lab File: BF081754.D
Acq: 22 Sep 2015 23:42

Tgt Ion:244 Resp: 294488
Ion Ratio Lower Upper
244 100
212 8.3 4.3 6.5#
122 11.1 17.4 26.2#



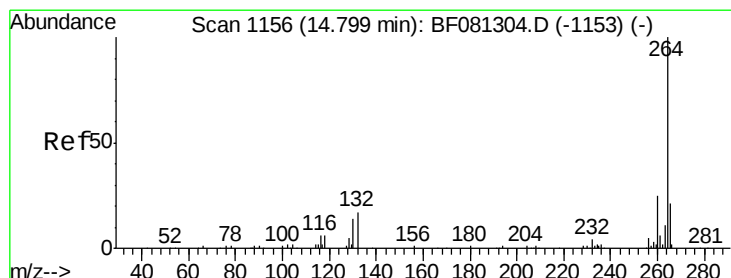
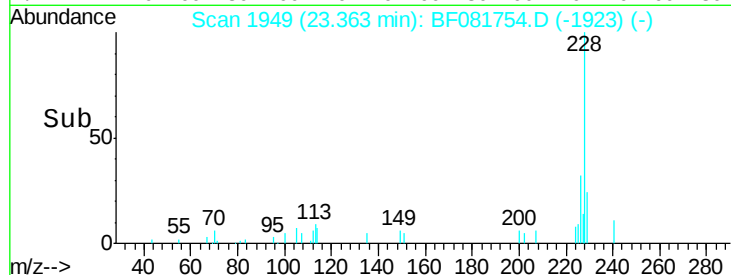
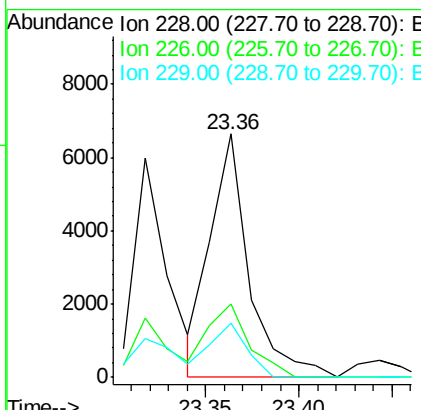
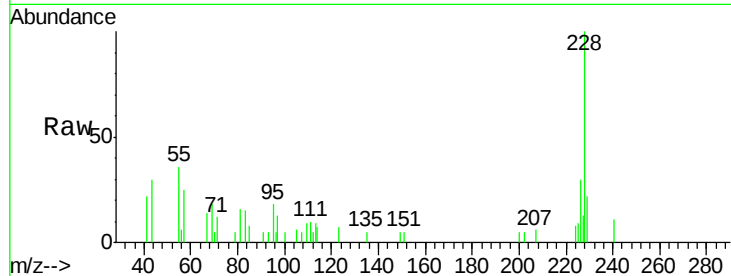


#82
 Chrysene
 Concen: 2.02 ng
 RT: 23.36 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BF081754.D
 Acq: 22 Sep 2015 23:42

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-2-3

Tot Ion: 228 Resp: 9567

Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.0	31.4
229	22.3	15.6	23.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.77 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: BF081754.D
 Acq: 22 Sep 2015 23:42

Tgt Ion: 264 Resp: 72857

Ion	Ratio	Lower	Upper
264	100		
260	23.3	16.7	25.1
265	22.4	17.2	25.8

