

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 01:27:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 23 01:06:17 2015
 Response via : Initial Calibration

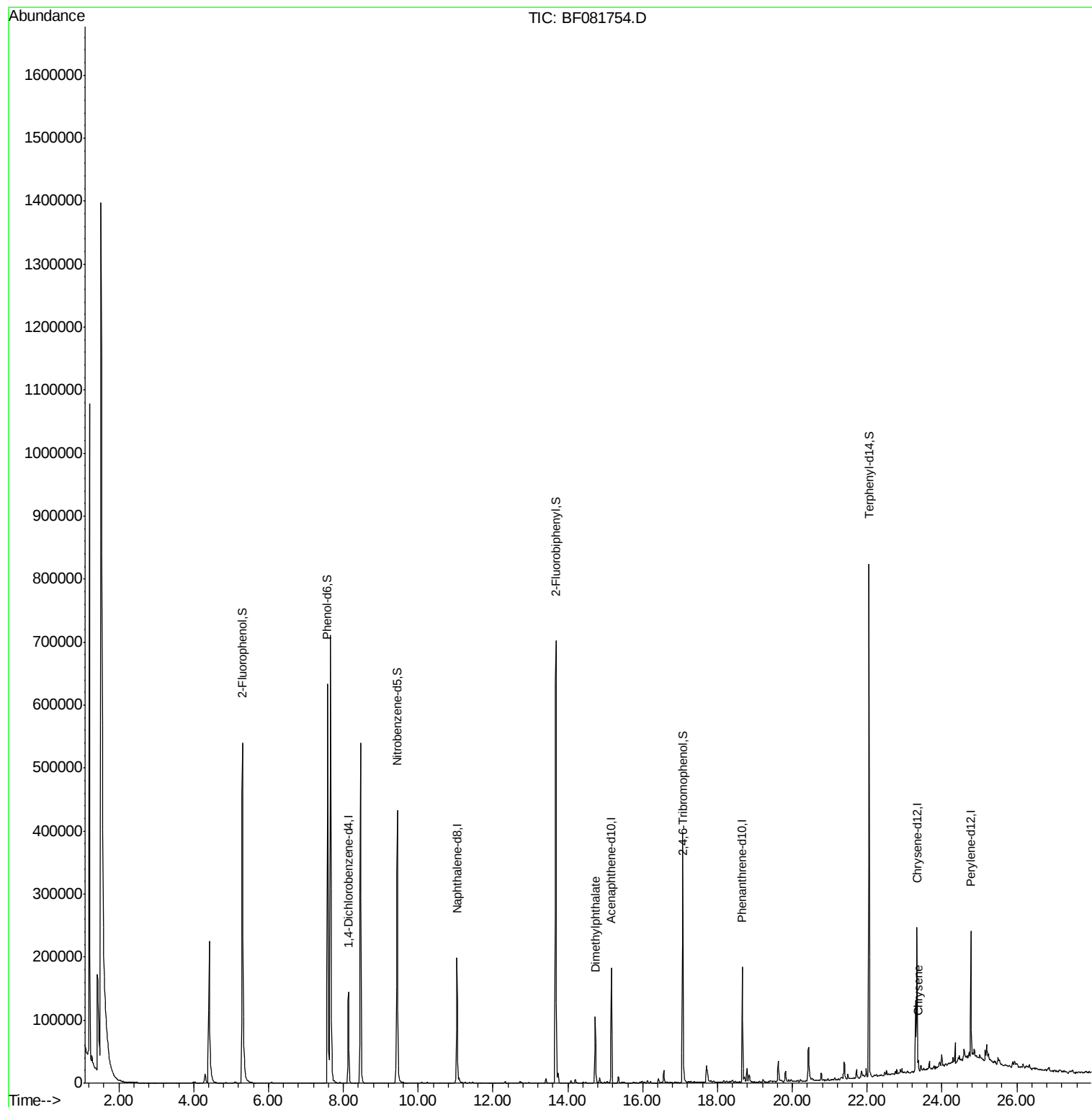
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	40014	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	153491	20.00	ng	-0.01
38) Acenaphthene-d10	15.16	164	69871	20.00	ng	-0.01
63) Phenanthrene-d10	18.67	188	126833	20.00	ng	-0.01
75) Chrysene-d12	23.33	240	82825	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						
49) Dimethylphthalate	14.73	163	72458	13.35	ng	Qvalue # 97
82) Chrysene	23.36	228	9567	2.02	ng	93

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

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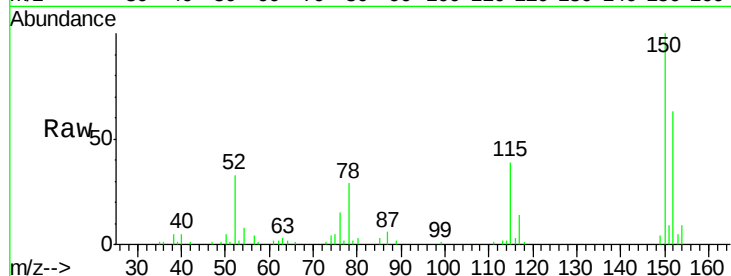


#1

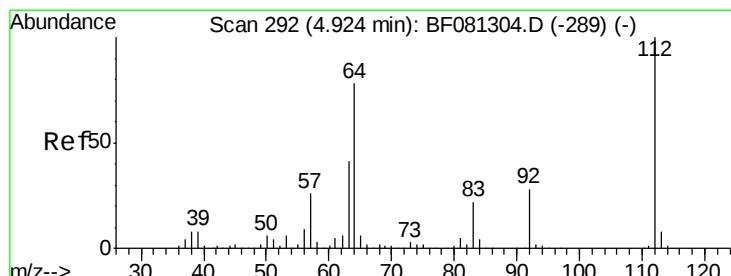
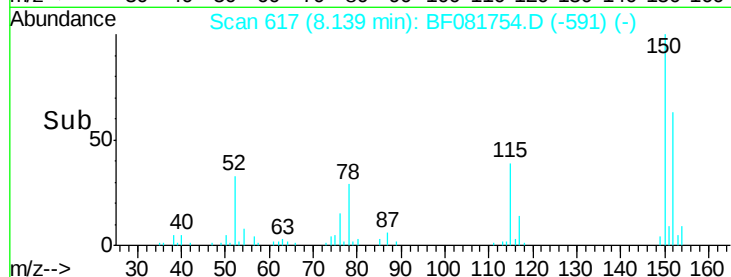
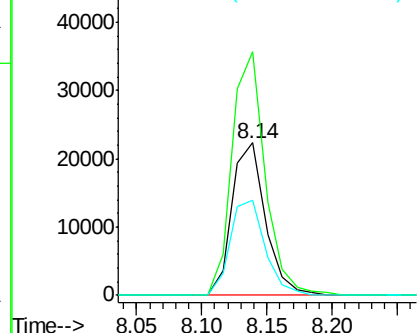
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 617
Delta R.T. -0.00 min
Lab File: BF081754.D
Acq: 22 Sep 2015 23:42

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#



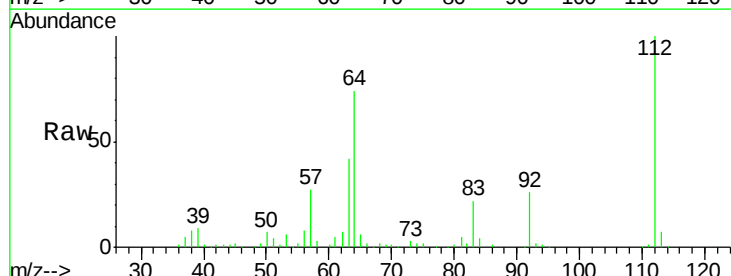
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



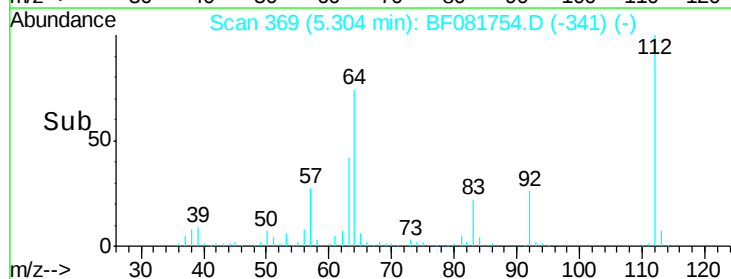
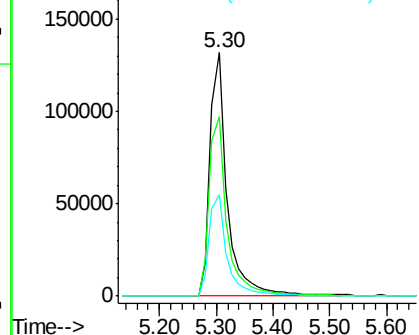
#5

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

Tgt 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): E
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

Instrument :

BNA_F

ClientSampleId :

TRENCH-2-3

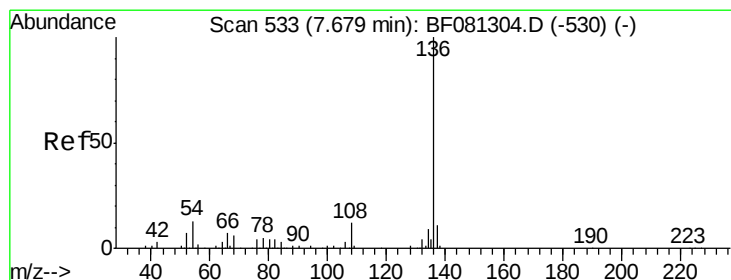
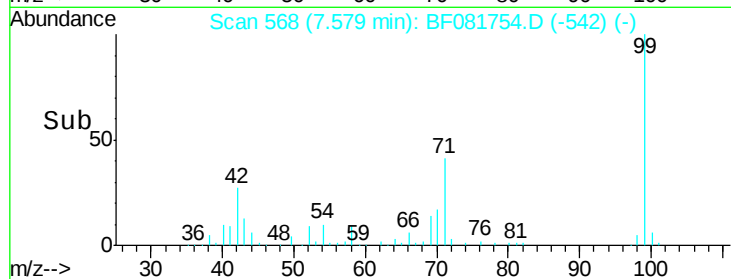
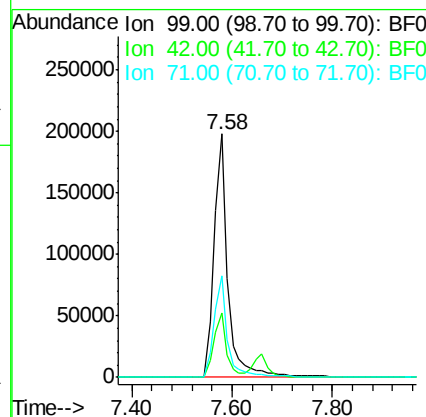
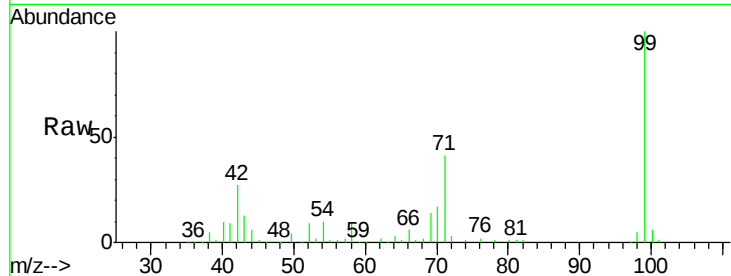
Tot Ion: 99 Resp: 377871

Ion Ratio Lower Upper

99 100

42 26.6 13.7 20.5#

71 41.5 14.2 21.2#



#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

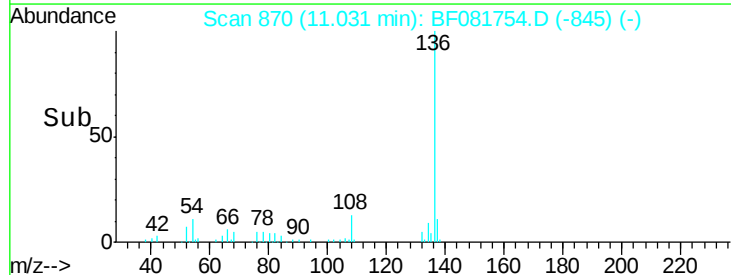
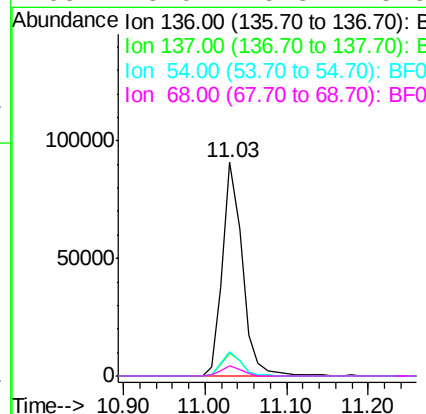
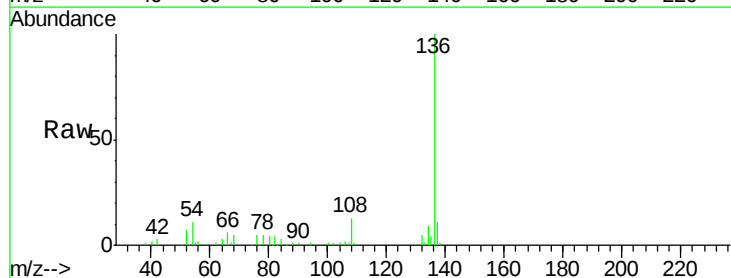
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 11.3 8.2 12.2

68 5.0 5.8 8.6#

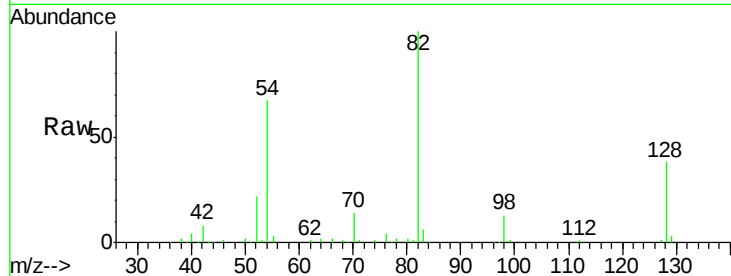




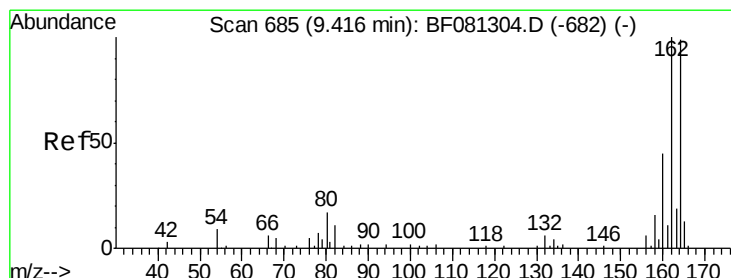
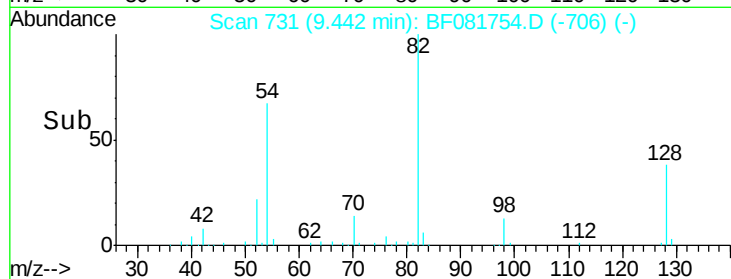
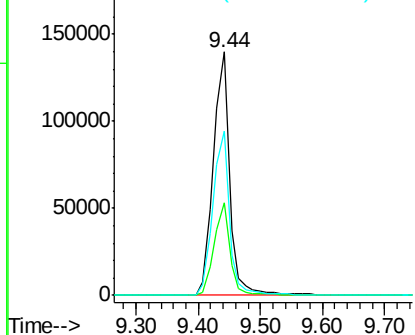
#23
Nitrobenzene-d5
Concen: 80.29 ng
RT: 9.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF081754.D
Acq: 22 Sep 2015 23:42

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

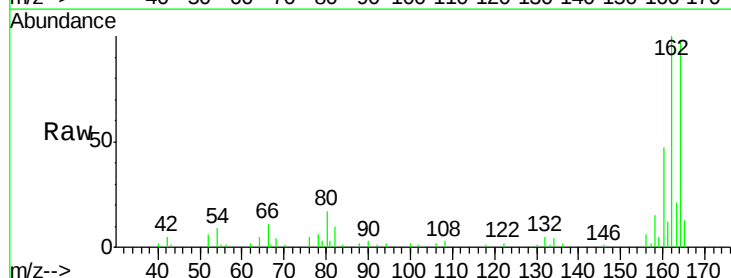


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

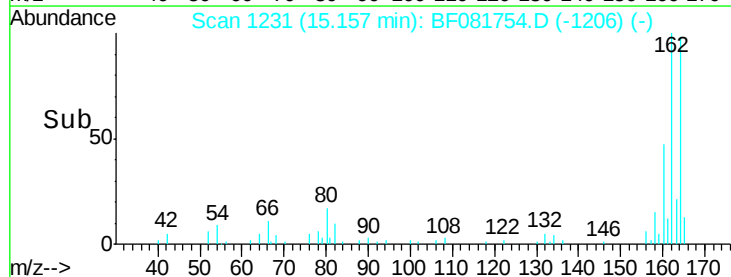
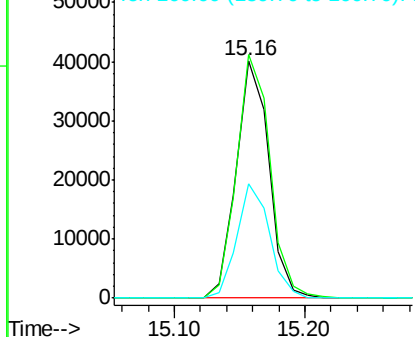


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.16 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF081754.D
Acq: 22 Sep 2015 23:42

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

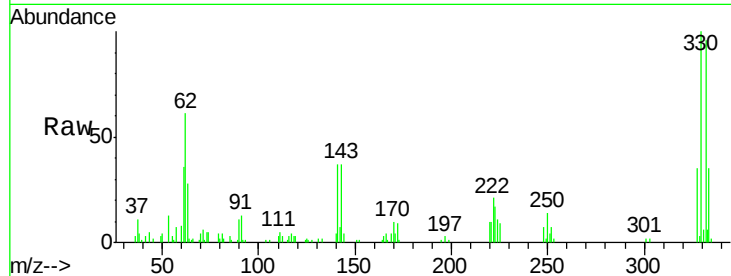




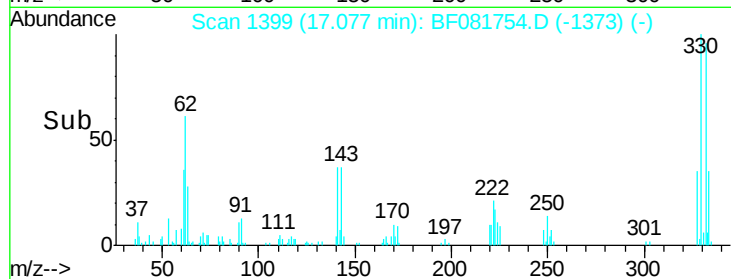
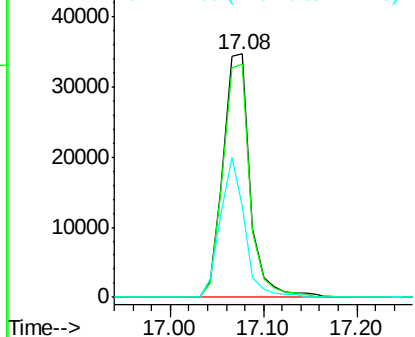
#41
 2,4,6-Tribromophenol
 Concen: 113.31 ng
 RT: 17.08 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF081754.D
 Acq: 22 Sep 2015 23:42

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#

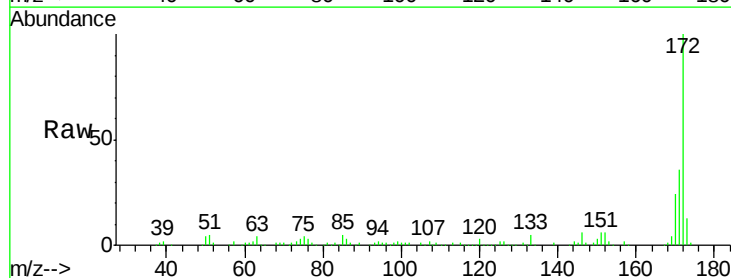


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

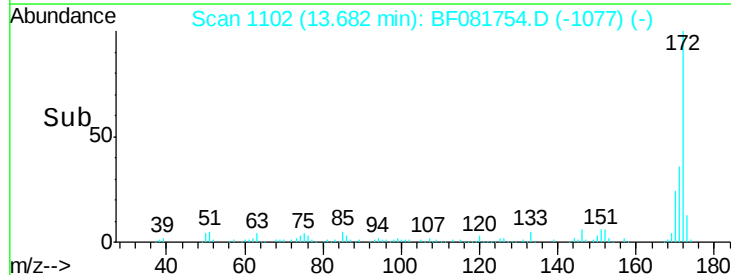
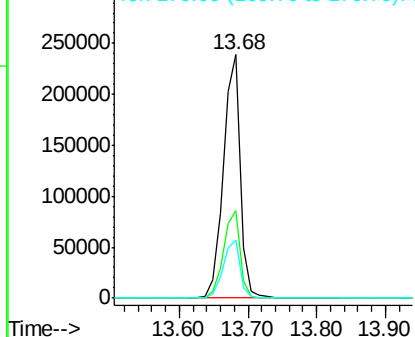


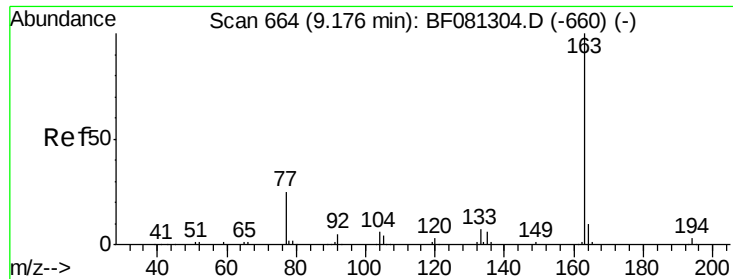
#44
 2-Fluorobiphenyl
 Concen: 76.45 ng
 RT: 13.68 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF081754.D
 Acq: 22 Sep 2015 23:42

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

ClientSampleId :

TRENCH-2-3

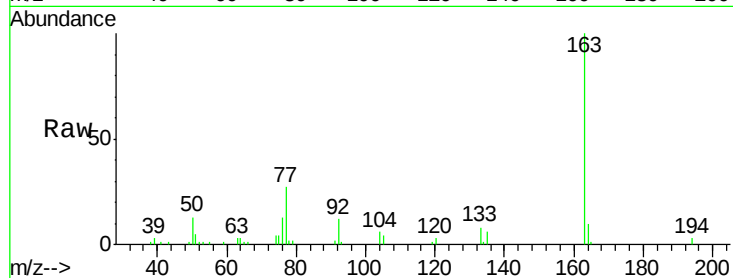
Tot Ion:163 Resp: 72458

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

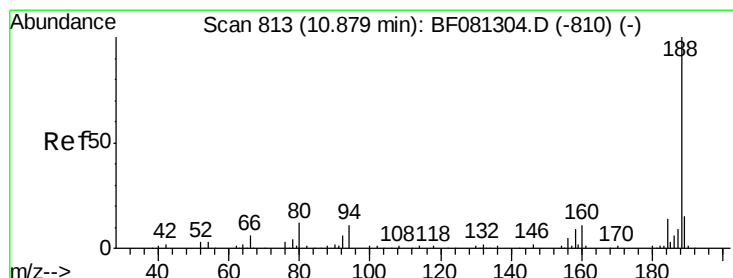
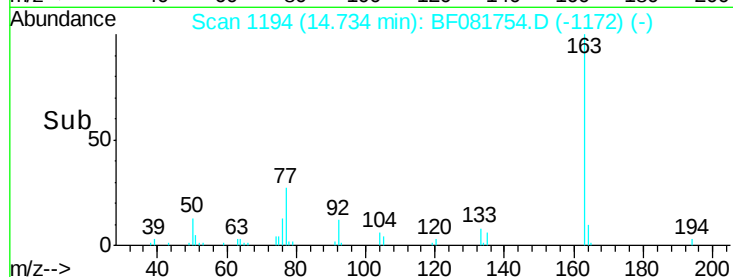
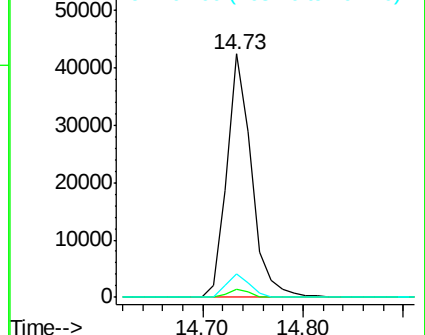
164 9.8 8.3 12.5



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

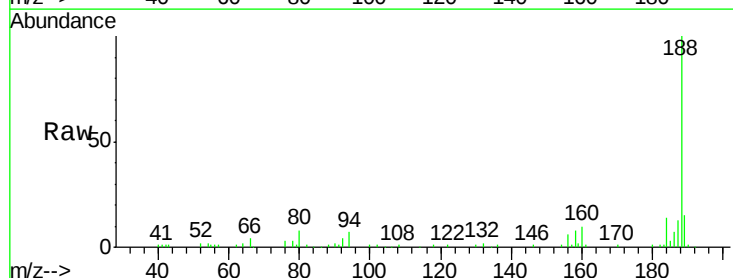
Tgt Ion:188 Resp: 126833

Ion Ratio Lower Upper

188 100

94 7.0 11.1 16.7#

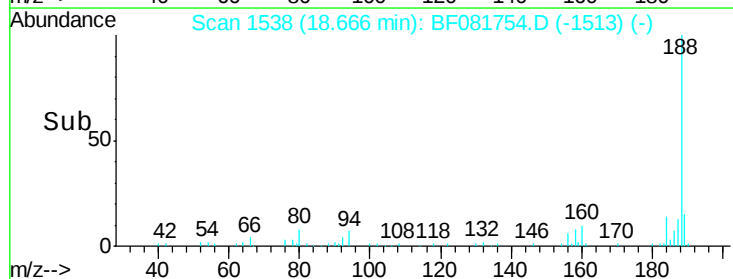
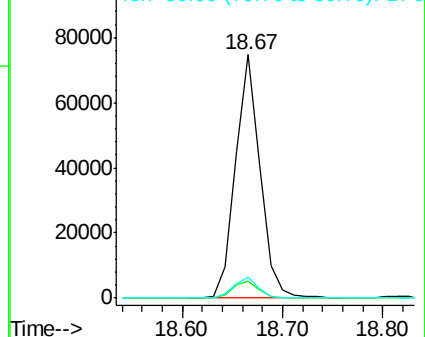
80 8.5 11.0 16.4#

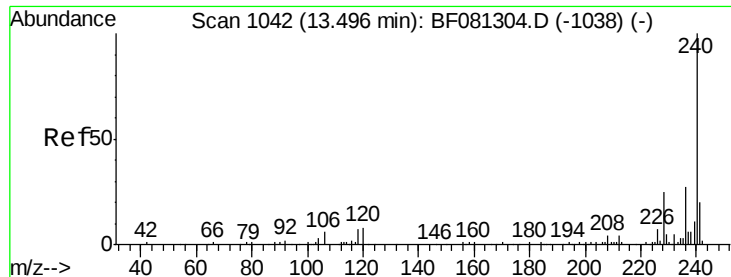


Abundance Ion 188.00 (187.70 to 188.70): E

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

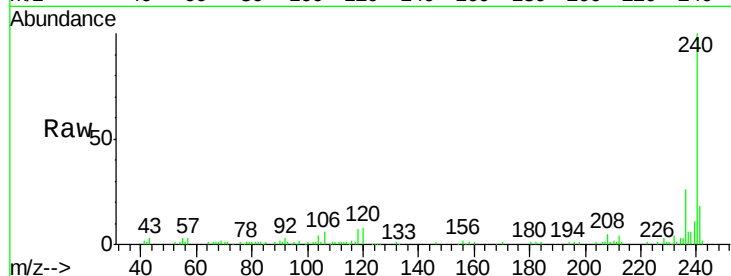
Tot Ion:240 Resp: 82825

Ion Ratio Lower Upper

240 100

120 8.1 16.2 24.2#

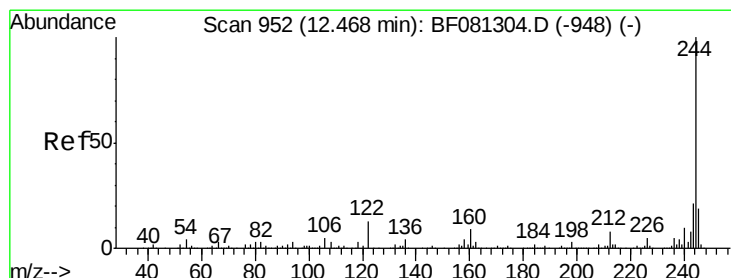
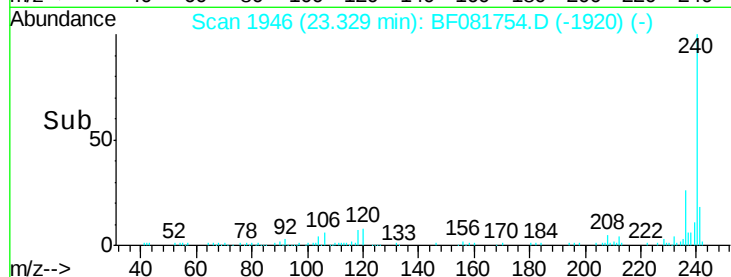
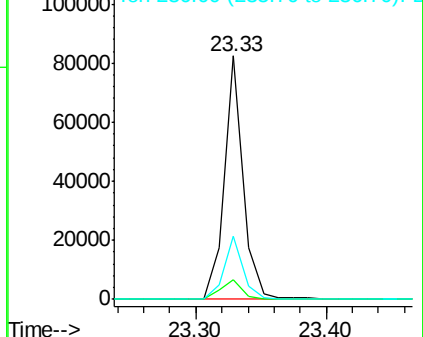
236 25.9 18.4 27.6



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: 82.77 ng

RT: 22.05 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BF081754.D

Acq: 22 Sep 2015 23:42

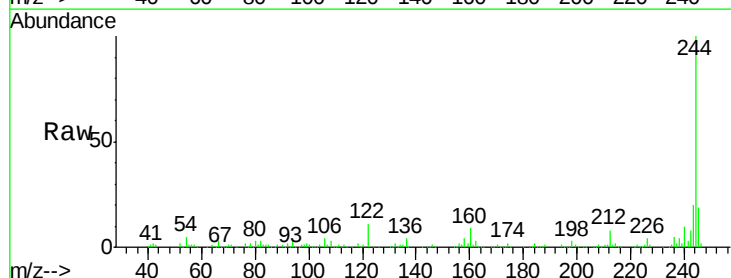
Tgt Ion:244 Resp: 294488

Ion Ratio Lower Upper

244 100

212 8.3 4.3 6.5#

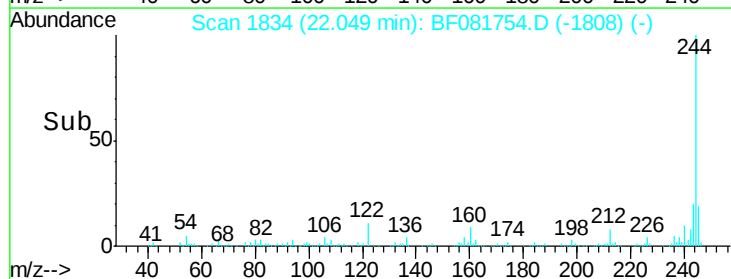
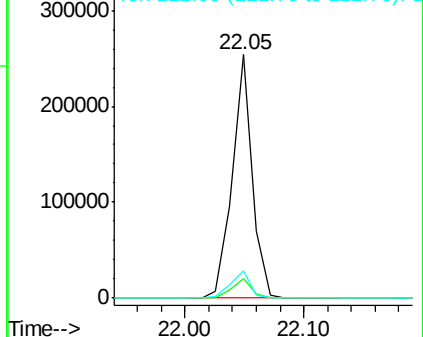
122 11.1 17.4 26.2#

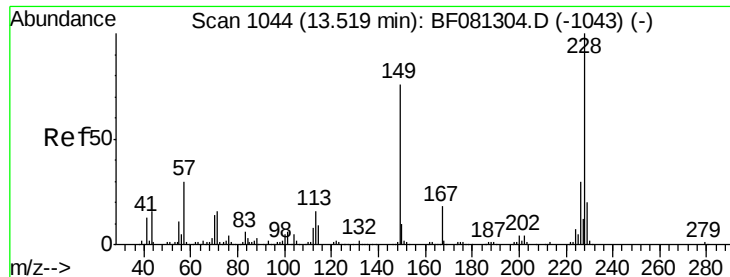


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#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

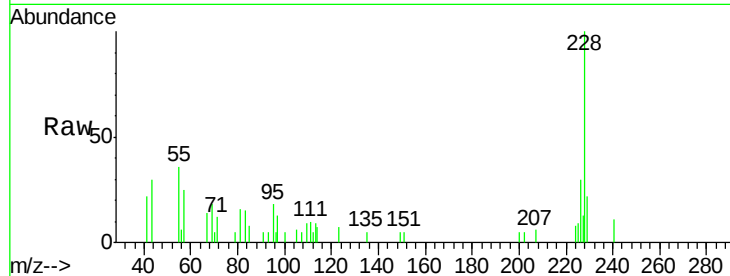
Tot Ion:228 Resp: 9567

Ion Ratio Lower Upper

228 100

226 30.0 21.0 31.4

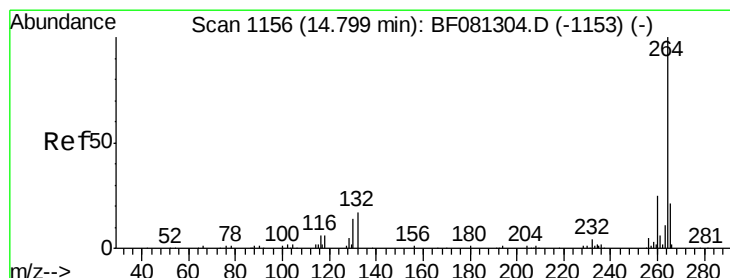
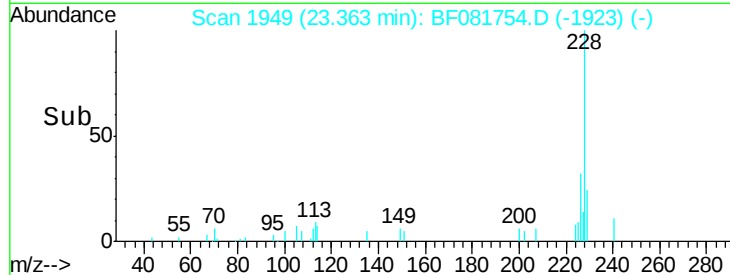
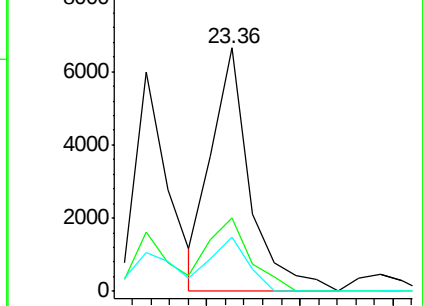
229 22.3 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#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

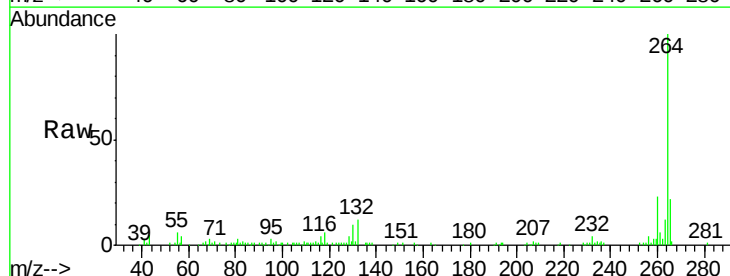
Tgt Ion:264 Resp: 72857

Ion Ratio Lower Upper

264 100

260 23.3 16.7 25.1

265 22.4 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

