

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
 Data File : BF081736.D
 Acq On : 22 Sep 2015 6:16
 Operator : UM/IZ
 Sample : G3747-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-2-3

Quant Time: Sep 22 07:46:45 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

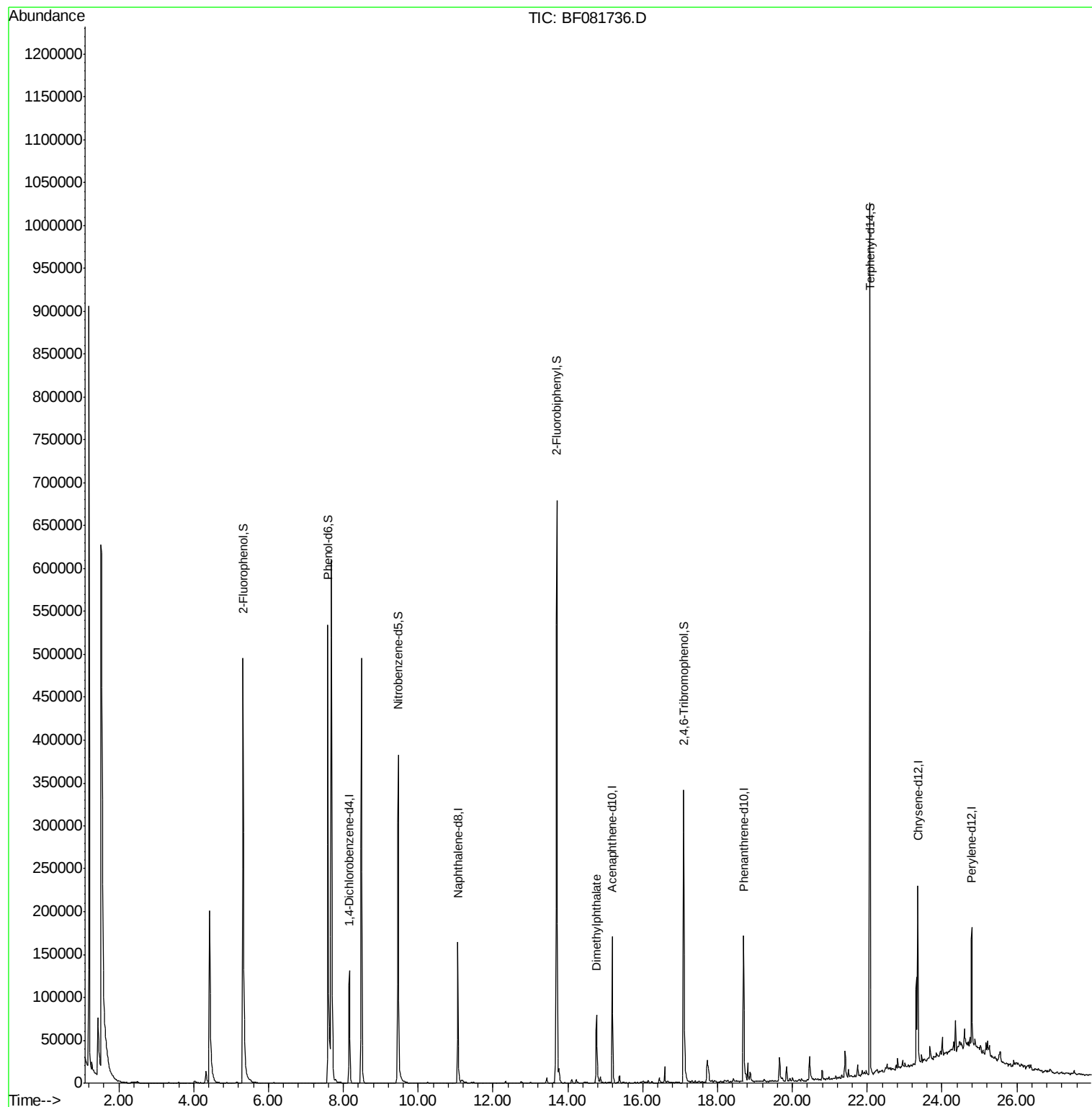
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	36364	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	141520	20.00	ng	-0.01
38) Acenaphthene-d10	15.19	164	65579	20.00	ng	-0.01
63) Phenanthrene-d10	18.70	188	133777	20.00	ng	0.00
75) Chrysene-d12	23.35	240	99557	20.00	ng	0.00
86) Perylene-d12	24.79	264	74615	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	242985	103.67	ng	0.01
7) Phenol-d6	7.59	99	345849	111.48	ng	-0.01
23) Nitrobenzene-d5	9.46	82	231655	78.98	ng	-0.01
41) 2,4,6-Tribromophenol	17.10	330	68529	117.36	ng	-0.01
44) 2-Fluorobiphenyl	13.71	172	388937	76.00	ng	-0.01
78) Terphenyl-d14	22.07	244	366027	85.58	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.77	163	68531	13.45	ng	Qvalue # 97

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

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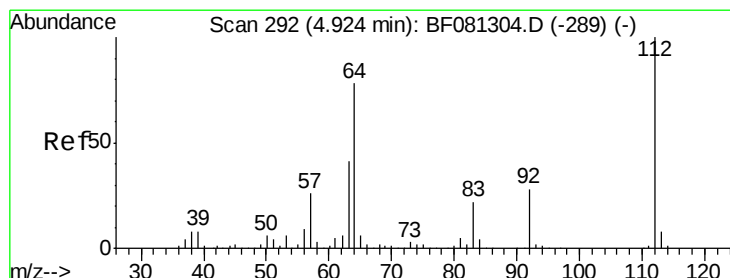
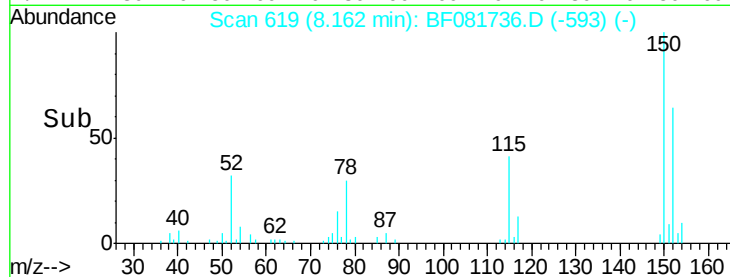
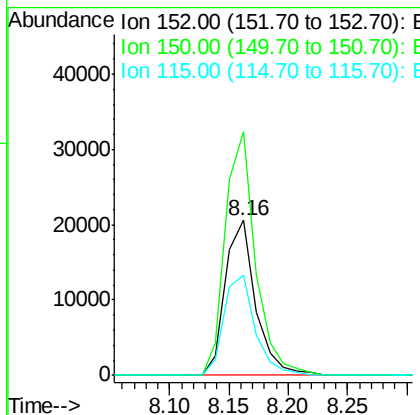
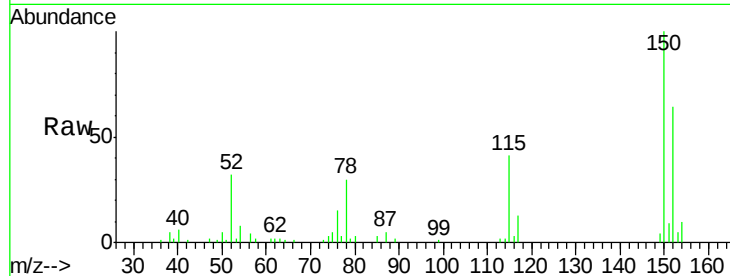


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF081736.D
 Acq: 22 Sep 2015 6:16

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-2-3

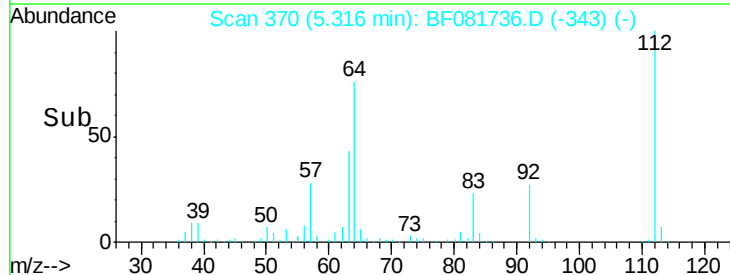
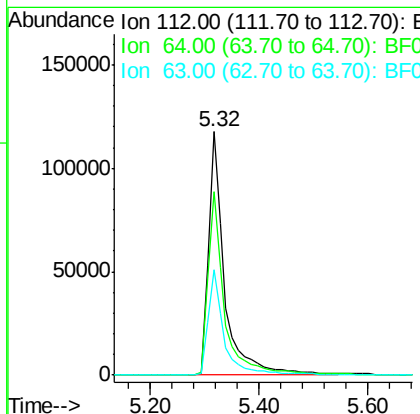
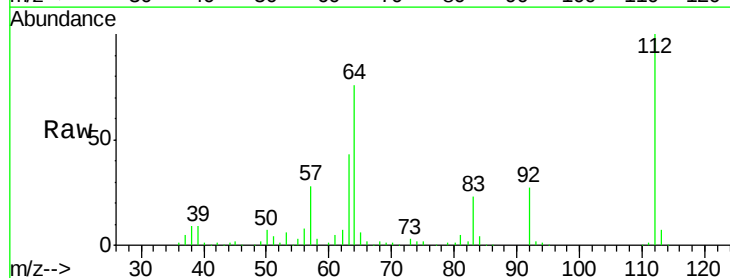
Tot Ion:152 Resp: 36364
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.7 187.1
 115 64.5 39.0 58.4#

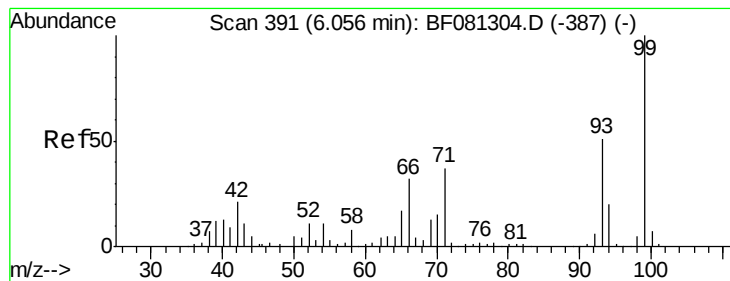


#5

2-Fluorophenol
 Concen: 103.67 ng
 RT: 5.32 min Scan# 370
 Delta R.T. 0.01 min
 Lab File: BF081736.D
 Acq: 22 Sep 2015 6:16

Tgt Ion:112 Resp: 242985
 Ion Ratio Lower Upper
 112 100
 64 75.5 39.7 59.5#
 63 43.1 17.4 26.0#





#7

Phenol-d6

Concen: 111.48 ng

RT: 7.59 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF081736.D

Acq: 22 Sep 2015 6:16

Instrument :

BNA_F

ClientSampleId :

TRENCH-2-3

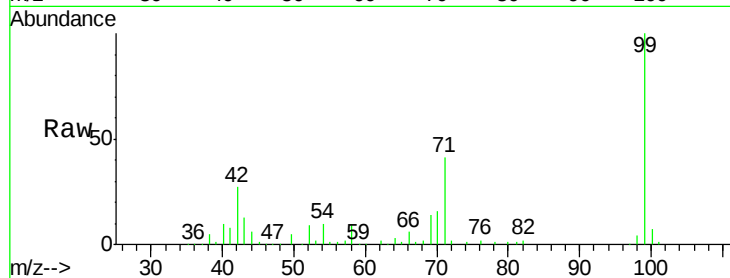
Tot Ion: 99 Resp: 345849

Ion Ratio Lower Upper

99 100

42 26.6 13.7 20.5#

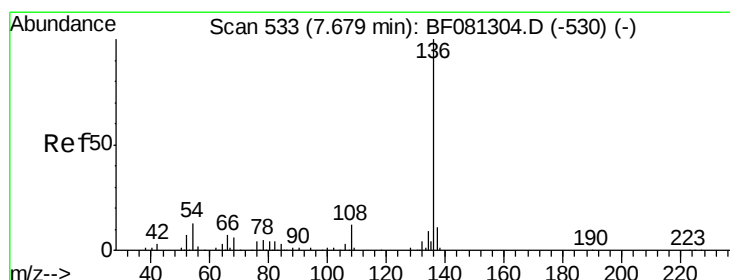
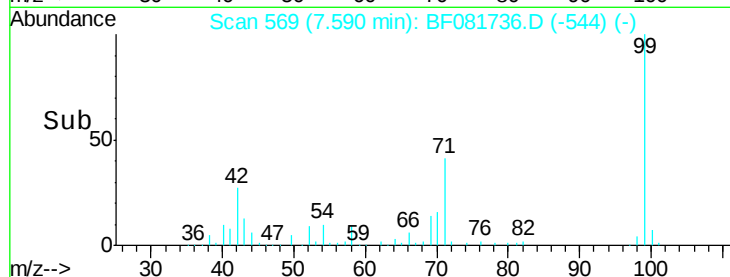
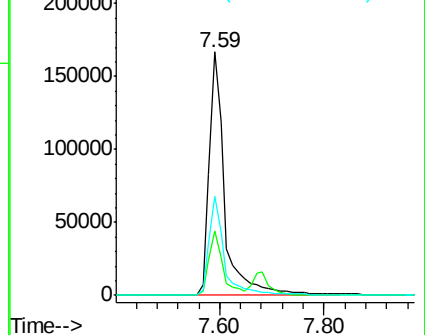
71 40.9 14.2 21.2#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.05 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF081736.D

Acq: 22 Sep 2015 6:16

Tgt Ion: 136 Resp: 141520

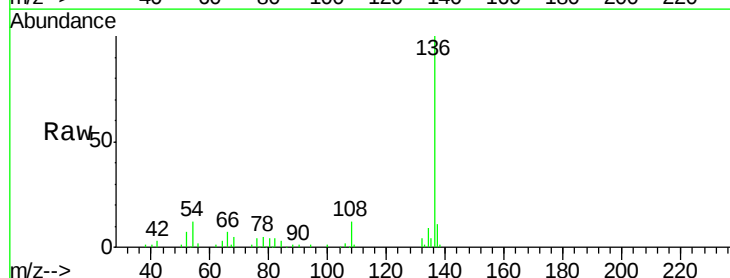
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 12.2 8.2 12.2#

68 5.0 5.8 8.6#

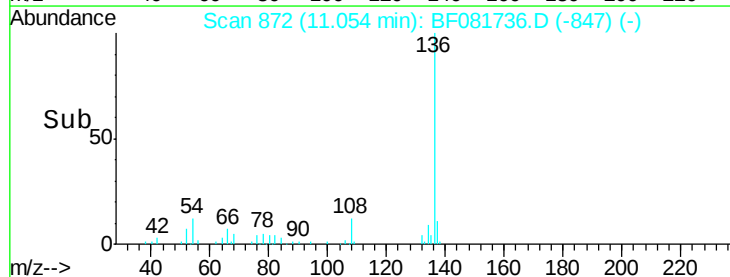
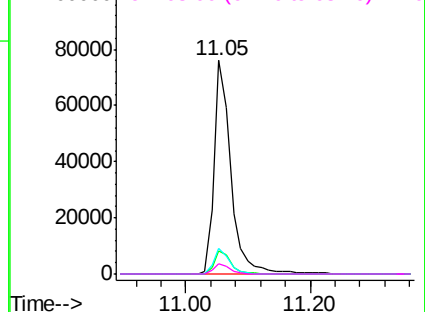


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

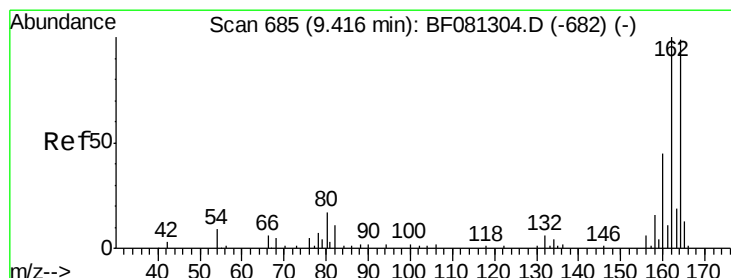
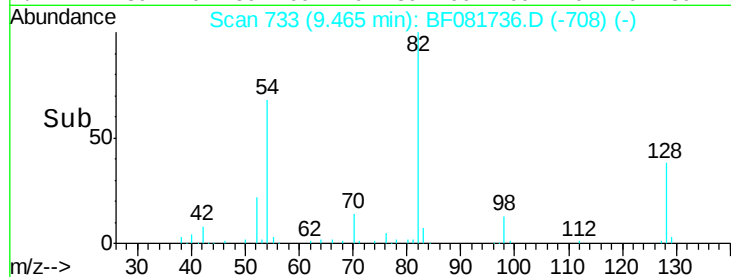
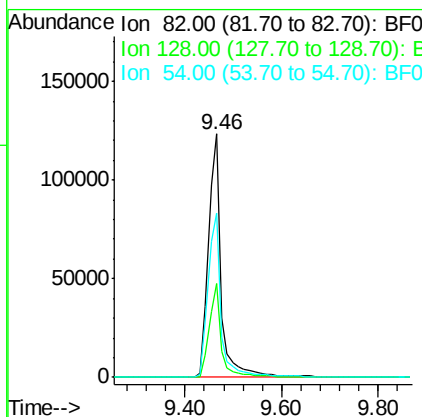
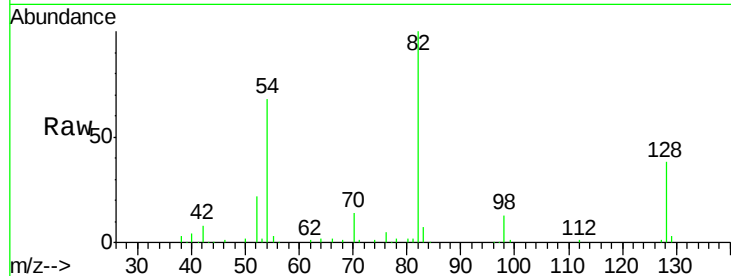




#23
 Nitrobenzene-d5
 Concen: 78.98 ng
 RT: 9.46 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF081736.D
 Acq: 22 Sep 2015 6:16

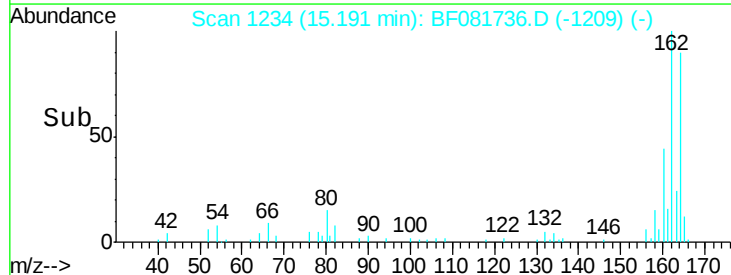
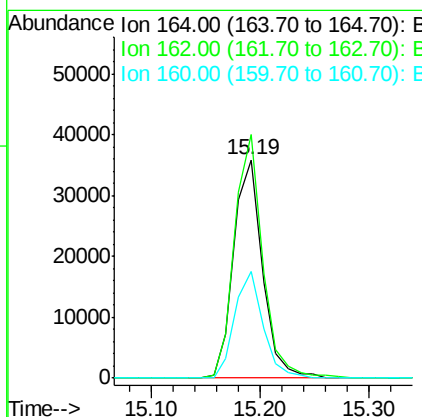
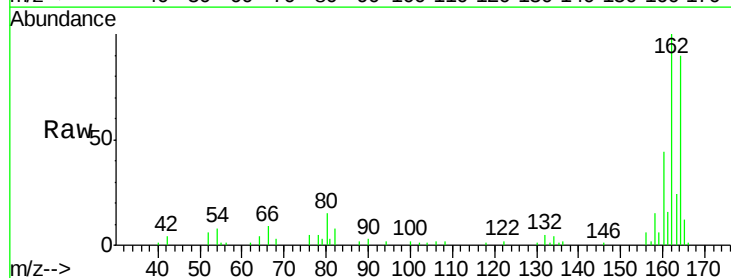
Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-2-3

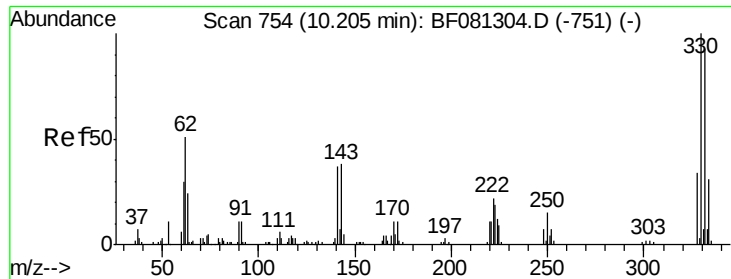
Tot Ion: 82 Resp: 231655
 Ion Ratio Lower Upper
 82 100
 128 38.4 51.0 76.6#
 54 67.6 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF081736.D
 Acq: 22 Sep 2015 6:16

Tgt Ion: 164 Resp: 65579
 Ion Ratio Lower Upper
 164 100
 162 111.6 75.2 112.8
 160 48.9 31.5 47.3#

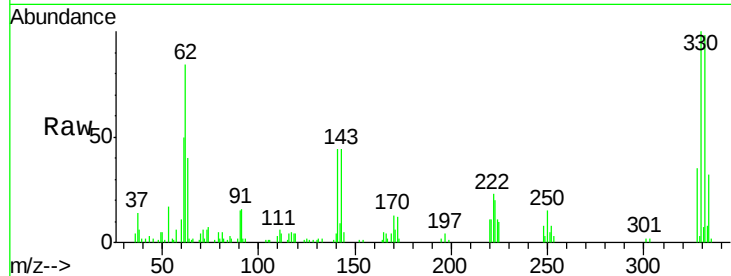




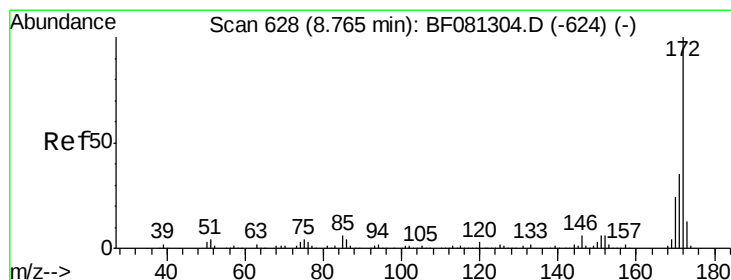
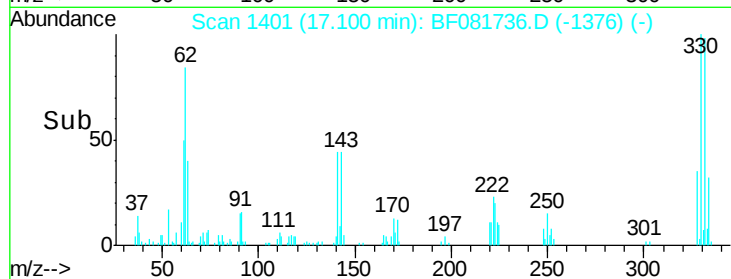
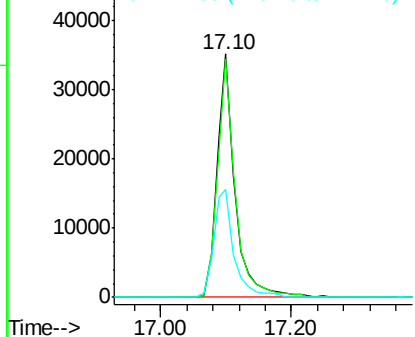
#41
 2,4,6-Tribromophenol
 Concen: 117.36 ng
 RT: 17.10 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF081736.D
 Acq: 22 Sep 2015 6:16

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-2-3

Tot Ion:330 Resp: 68529
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 49.4 29.7 44.5#

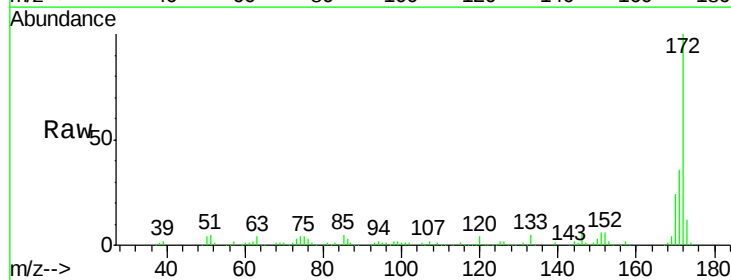


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

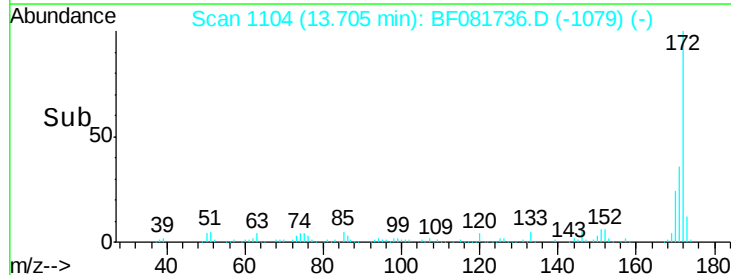
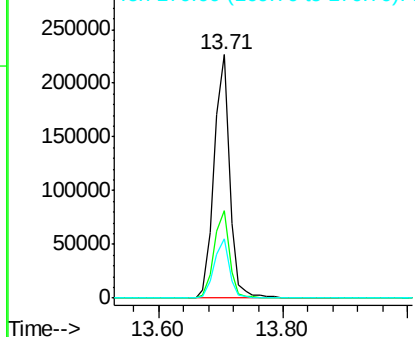


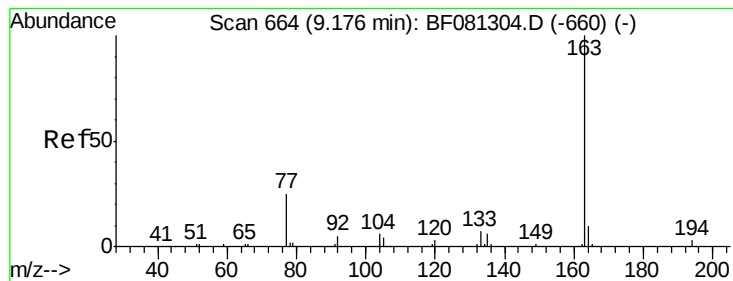
#44
 2-Fluorobiphenyl
 Concen: 76.00 ng
 RT: 13.71 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF081736.D
 Acq: 22 Sep 2015 6:16

Tgt Ion:172 Resp: 388937
 Ion Ratio Lower Upper
 172 100
 171 36.0 26.1 39.1
 170 24.3 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: 13.45 ng

RT: 14.77 min Scan# 1197

Delta R.T. -0.03 min

Lab File: BF081736.D

Acq: 22 Sep 2015 6:16

Instrument :

BNA_F

ClientSampleId :

TRENCH-2-3

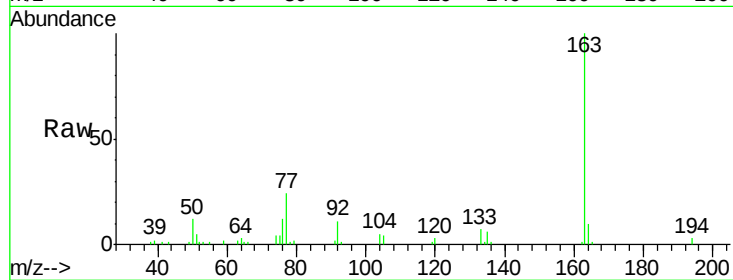
Tot Ion:163 Resp: 68531

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

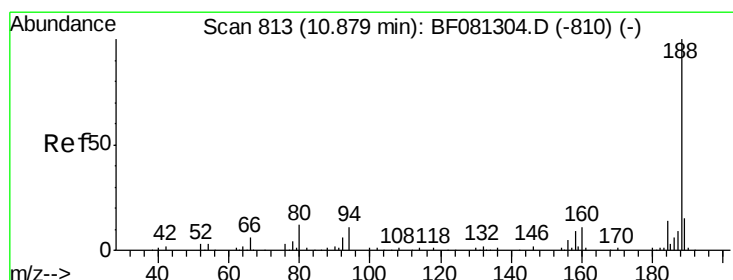
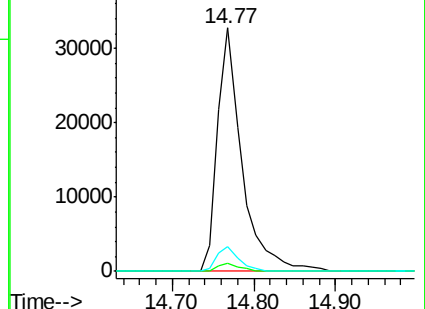
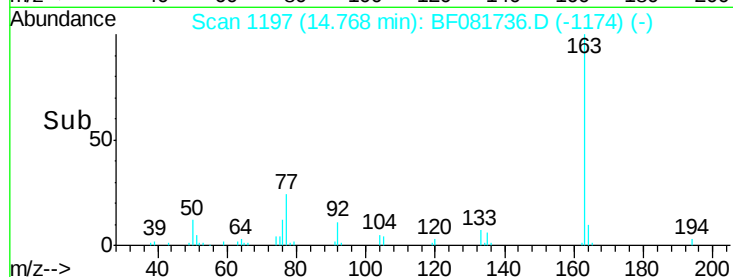
164 10.0 8.3 12.5



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: BF081736.D

Acq: 22 Sep 2015 6:16

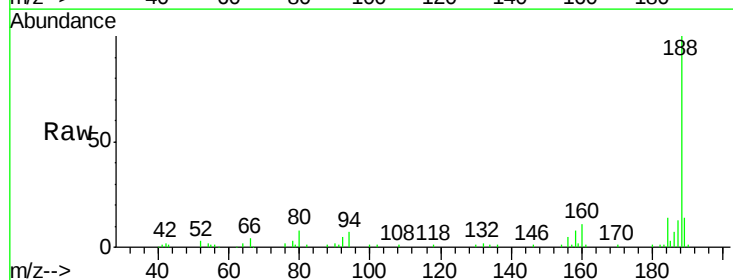
Tgt Ion:188 Resp: 133777

Ion Ratio Lower Upper

188 100

94 7.4 11.1 16.7#

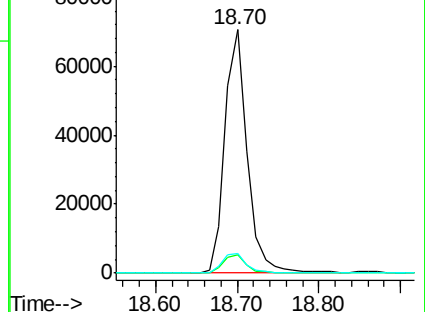
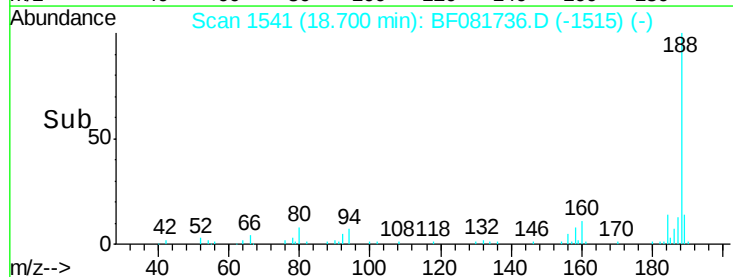
80 8.0 11.0 16.4#

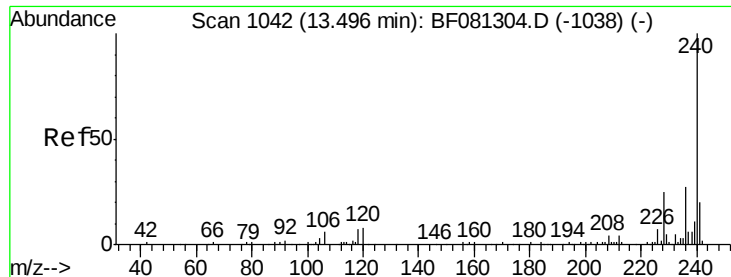


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF081736.D

Acq: 22 Sep 2015 6:16

Instrument :

BNA_F

ClientSampleId :

TRENCH-2-3

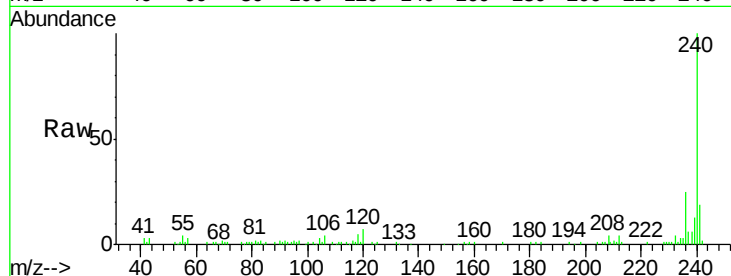
Tot Ion:240 Resp: 99557

Ion Ratio Lower Upper

240 100

120 6.5 16.2 24.2#

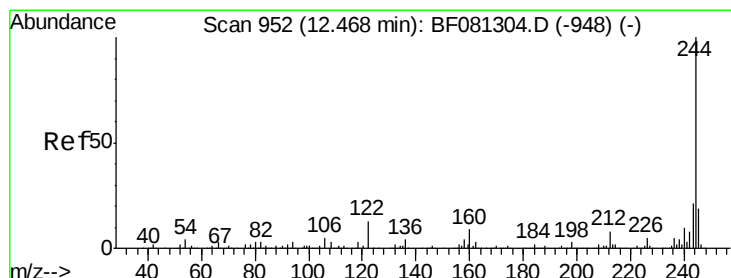
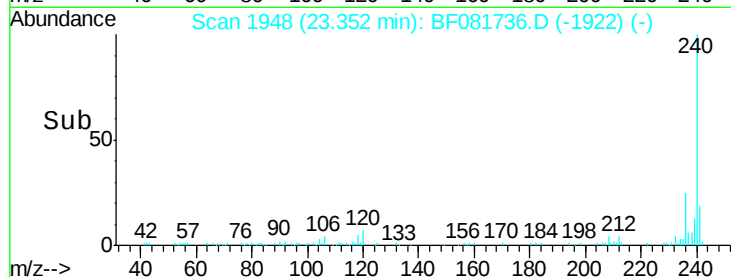
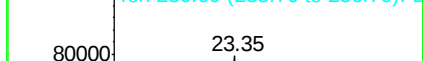
236 25.2 18.4 27.6



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: 85.58 ng

RT: 22.07 min Scan# 1836

Delta R.T. 0.00 min

Lab File: BF081736.D

Acq: 22 Sep 2015 6:16

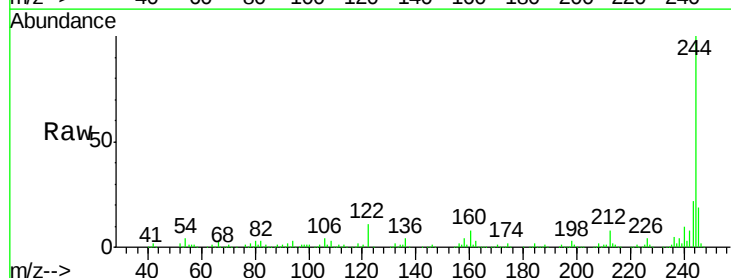
Tgt Ion:244 Resp: 366027

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

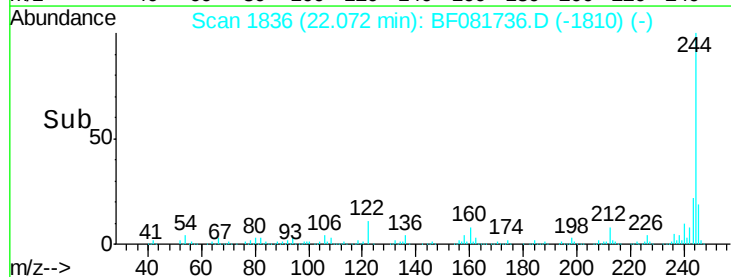
122 10.9 17.4 26.2#

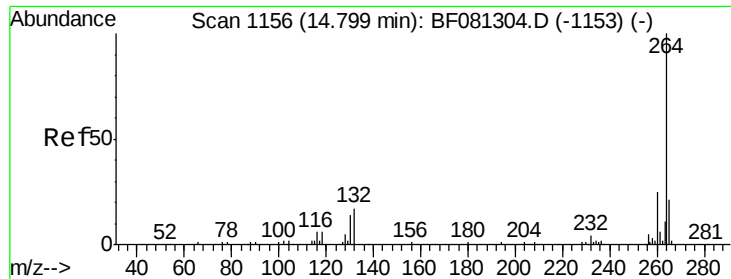


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



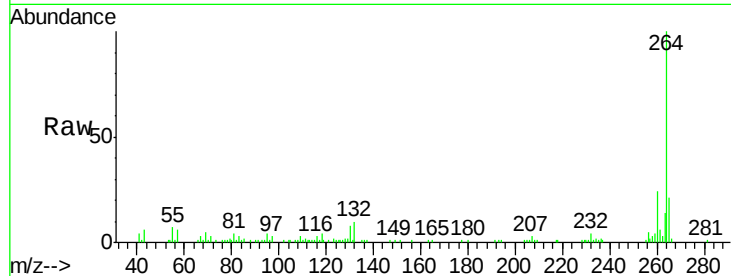


#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BF081736.D
Acq: 22 Sep 2015 6:16

Instrument :
BNA_F
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TRENCH-2-3

Tot Ion: 264 Resp: 74615

Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.4	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

