

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 07:42:44 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

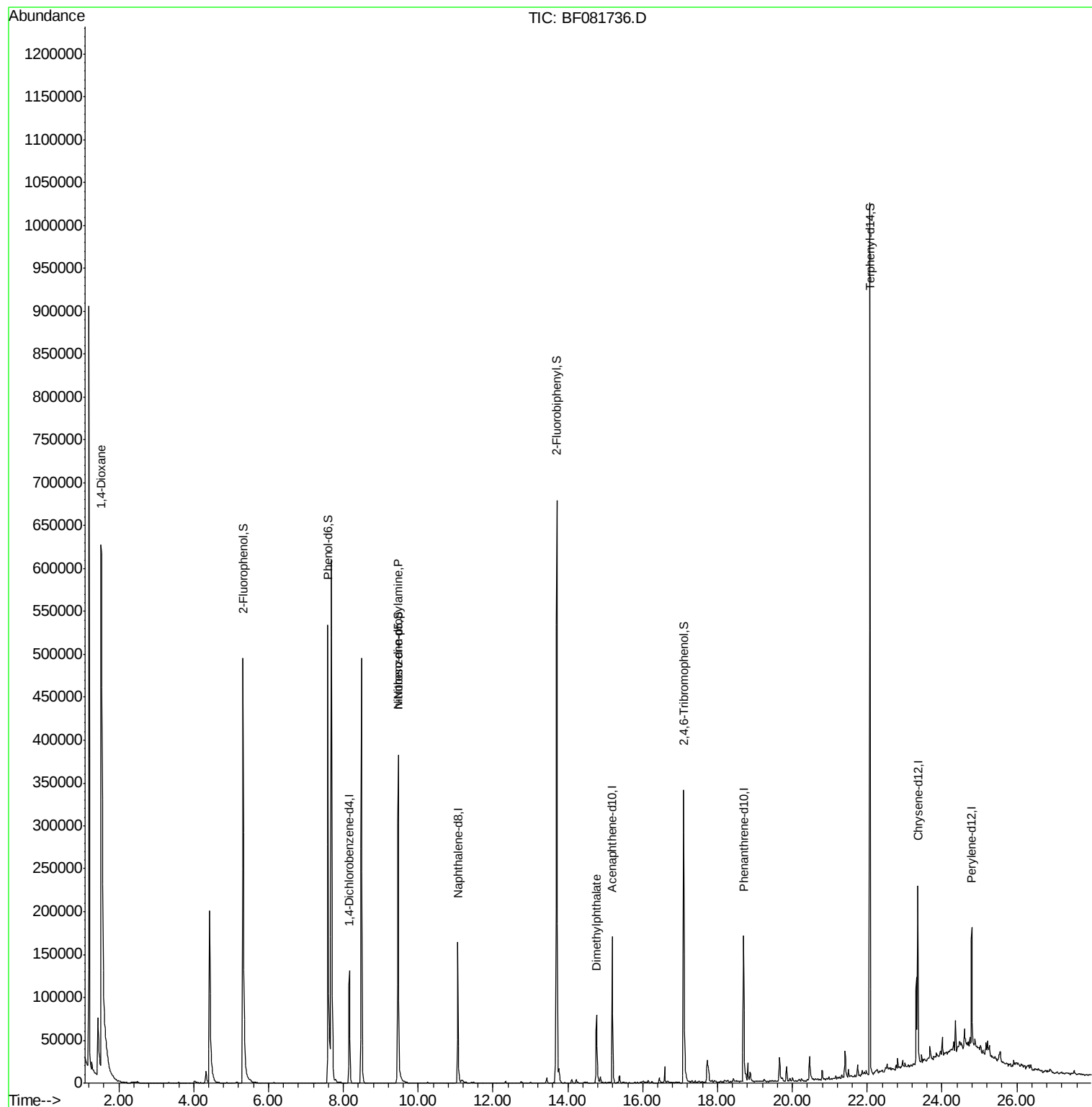
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	36364	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	141520	20.00	ng	-0.01
38) Acenaphthene-d10	15.19	164	65579	20.00	ng	-0.01
63) Phenanthrene-d10	18.70	188	133777	20.00	ng	0.00
75) Chrysene-d12	23.35	240	99557	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						
2) 1,4-Dioxane	1.53	88	40425	38.40	ng	# 11
19) n-Nitroso-di-n-propylamine	9.46	70	30163	14.29	ng	# 65
49) Dimethylphthalate	14.77	163	68531	13.45	ng	# 97

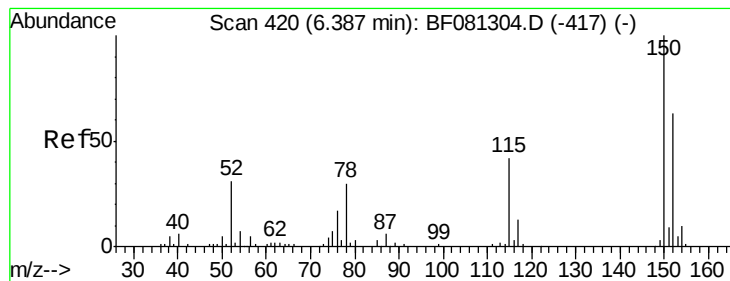
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081736.D

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TRENCH-2-3

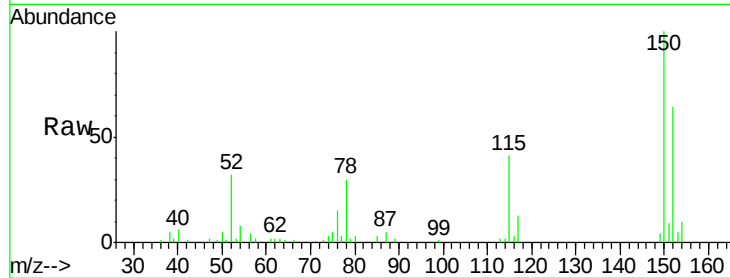
Tot Ion:152 Resp: 36364

Ion Ratio Lower Upper

152 100

150 157.4 124.7 187.1

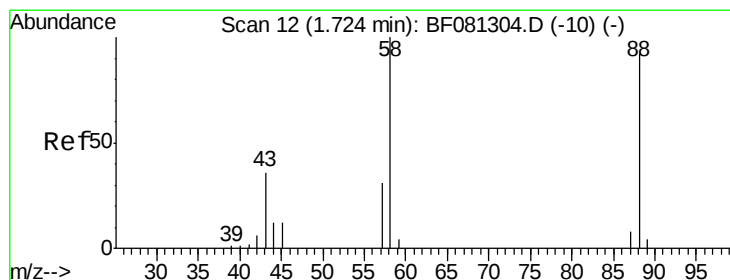
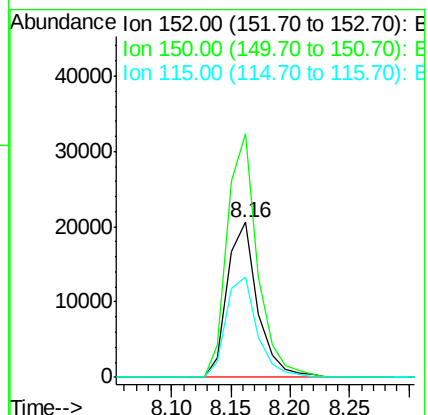
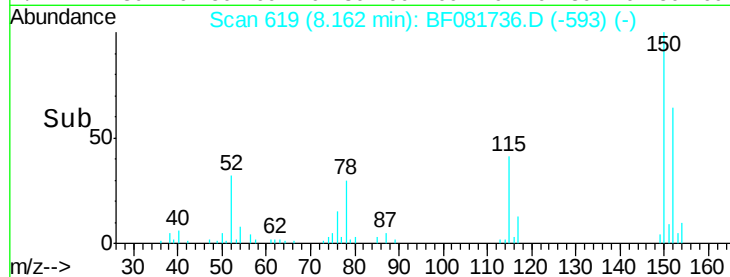
115 64.5 39.0 58.4#



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: 38.40 ng

RT: 1.53 min Scan# 39

Delta R.T. 0.01 min

Lab File: BF081736.D

Acq: 22 Sep 2015 6:16

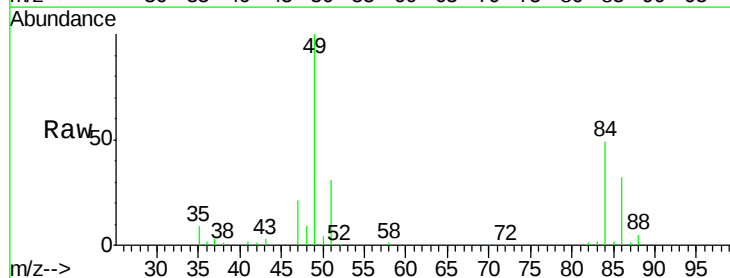
Tgt Ion: 88 Resp: 40425

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

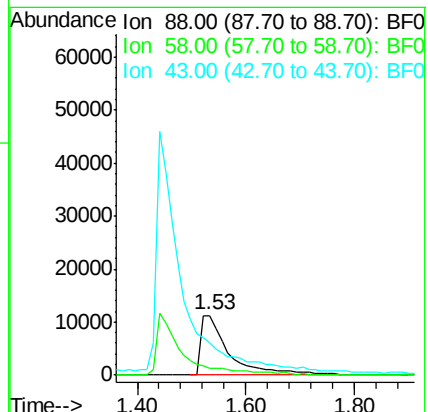
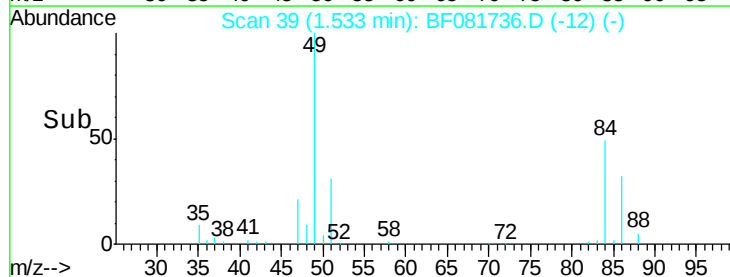
43 0.0 26.6 40.0#

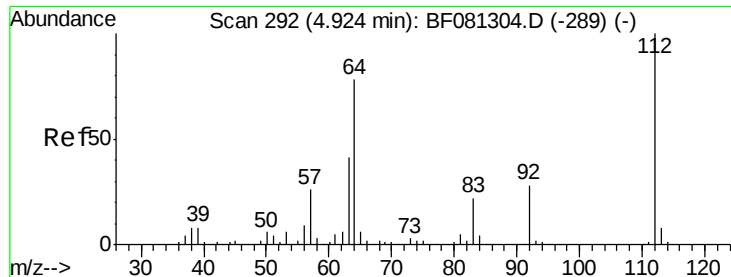


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

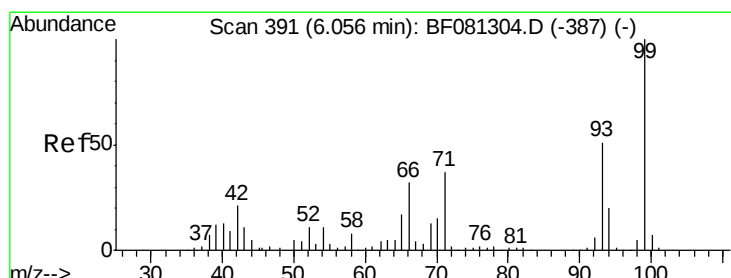
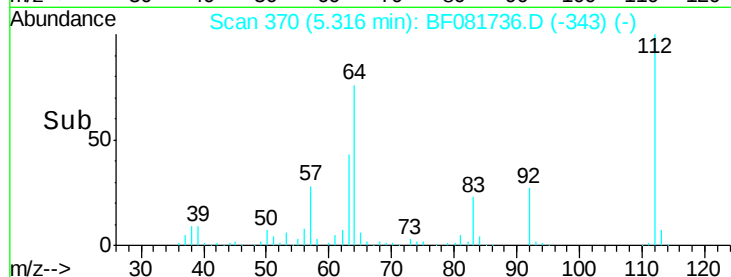
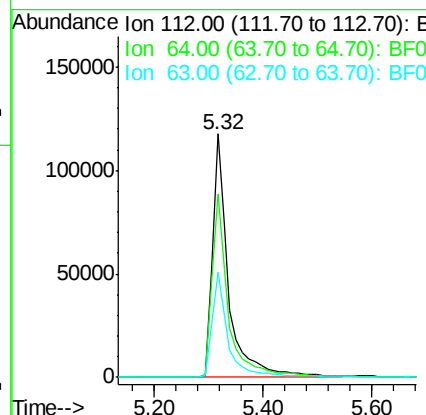
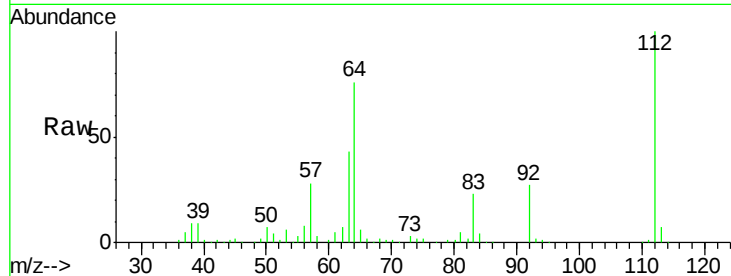




#5
 2-Fluorophenol
 Concen: 103.67 ng
 RT: 5.32 min Scan# 370
 Delta R.T. 0.01 min
 Lab File: BF081736.D
 Acq: 22 Sep 2015 6:16

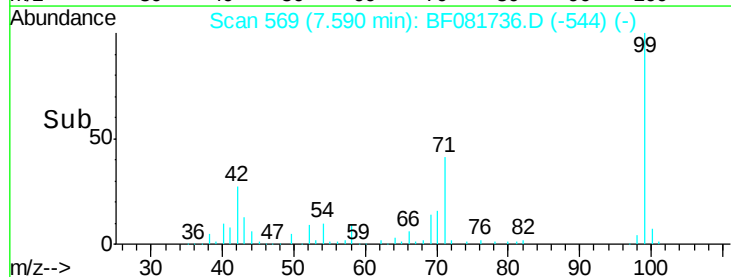
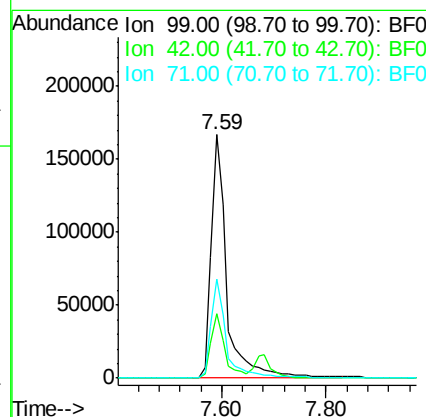
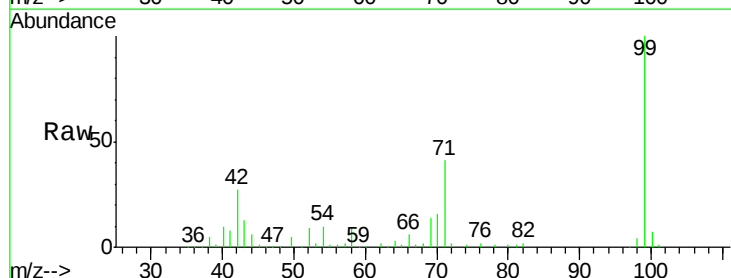
Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-2-3

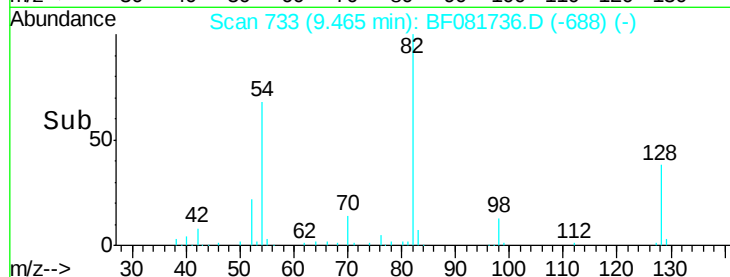
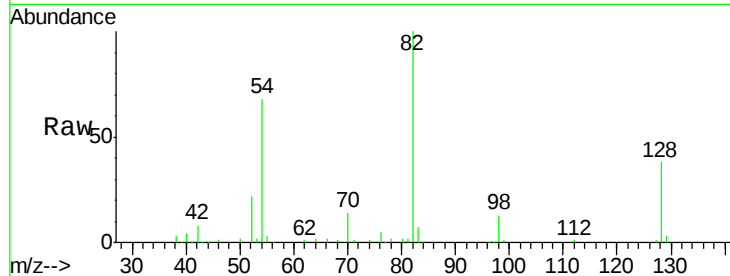
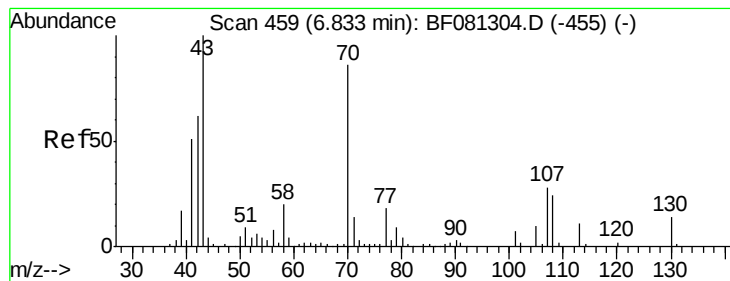
Tot Ion: 112 Resp: 242985
 Ion Ratio Lower Upper
 112 100
 64 75.5 39.7 59.5#
 63 43.1 17.4 26.0#



#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

Tgt Ion: 99 Resp: 345849
 Ion Ratio Lower Upper
 99 100
 42 26.6 13.7 20.5#
 71 40.9 14.2 21.2#





#19

n-Nitroso-di-n-propylamine

Concen: 14.29 ng

RT: 9.46 min Scan# 733

Delta R.T. 0.22 min

Lab File: BF081736.D

Acq: 22 Sep 2015 6:16

Instrument :

BNA_F

ClientSampleId :

TRENCH-2-3

Tot Ion: 70 Resp: 30163

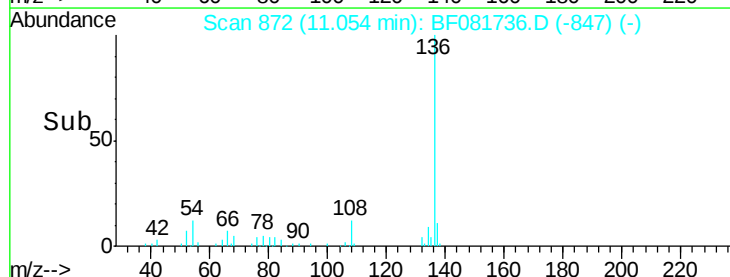
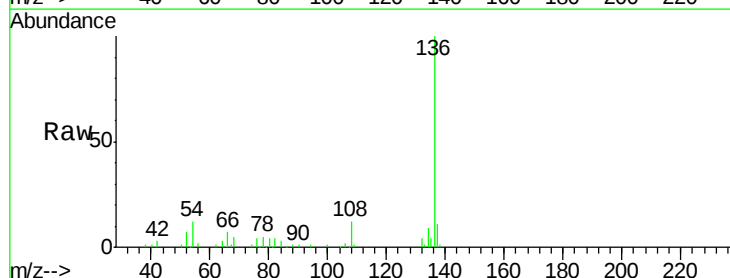
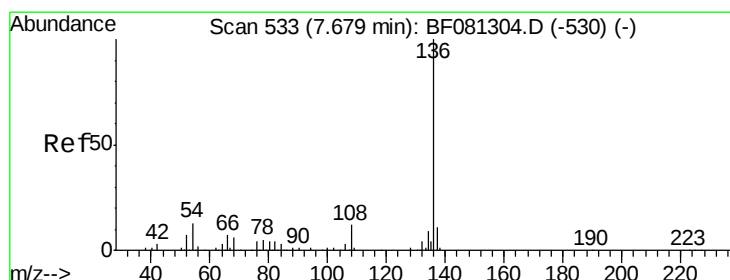
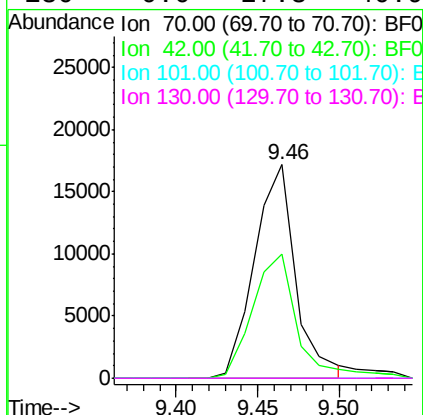
Ion Ratio Lower Upper

70 100

42 58.1 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: BF081736.D

Acq: 22 Sep 2015 6:16

Tgt Ion: 136 Resp: 141520

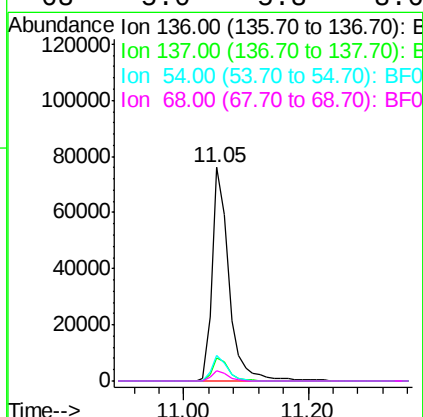
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 12.2 8.2 12.2#

68 5.0 5.8 8.6#

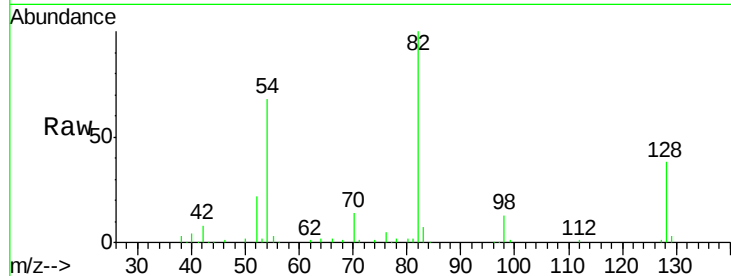




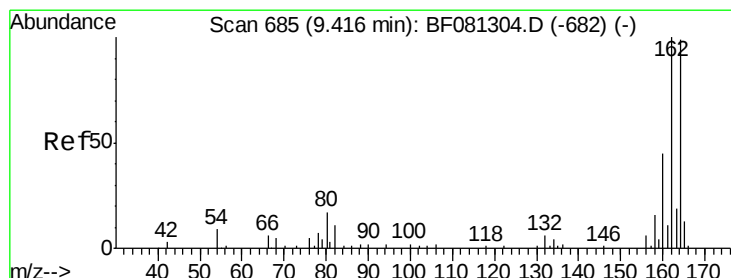
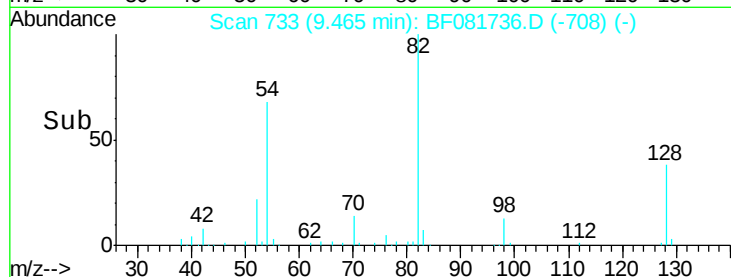
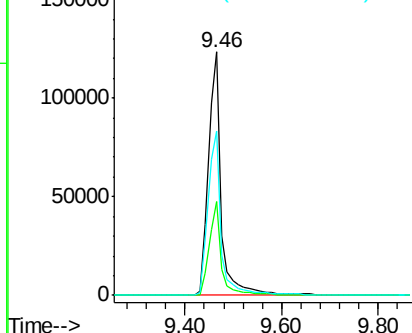
#23
Nitrobenzene-d5
Concen: 78.98 ng
RT: 9.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF081736.D
Acq: 22 Sep 2015 6:16

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

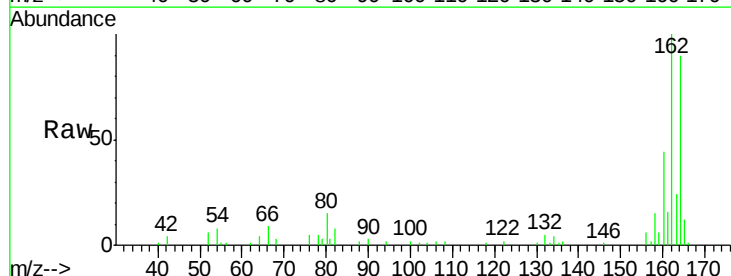


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

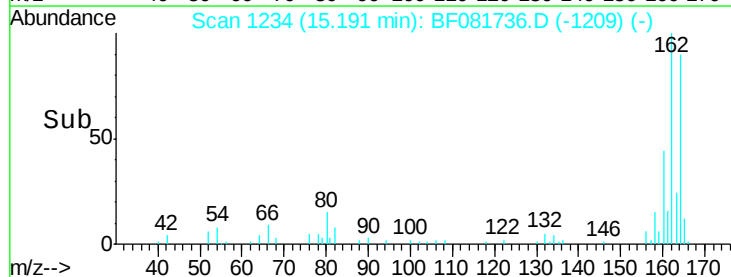
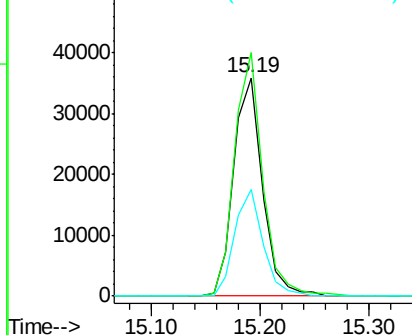


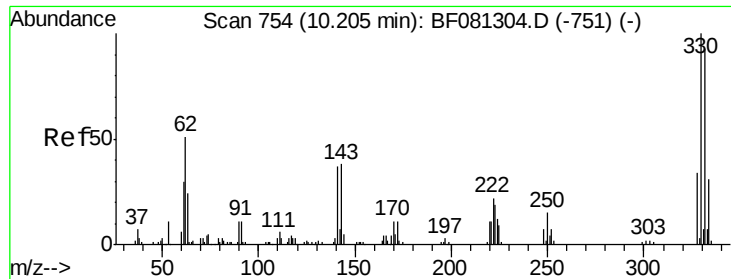
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.19 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF081736.D
Acq: 22 Sep 2015 6:16

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#



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

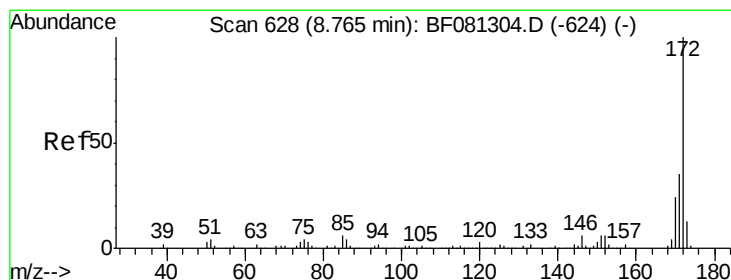
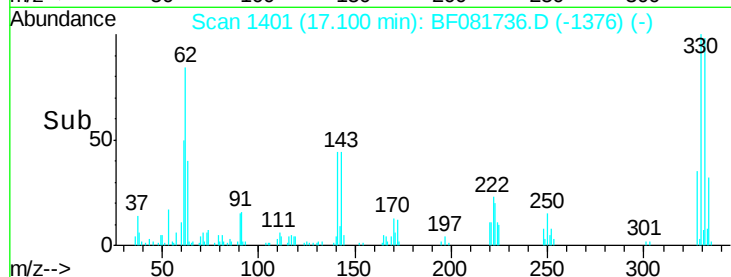
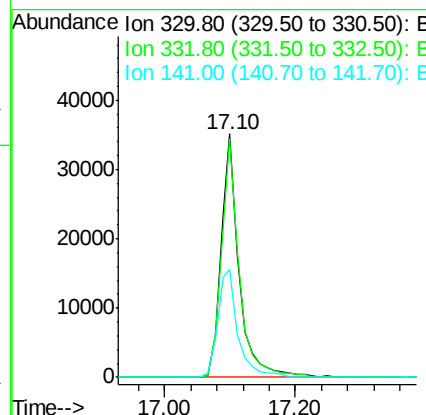
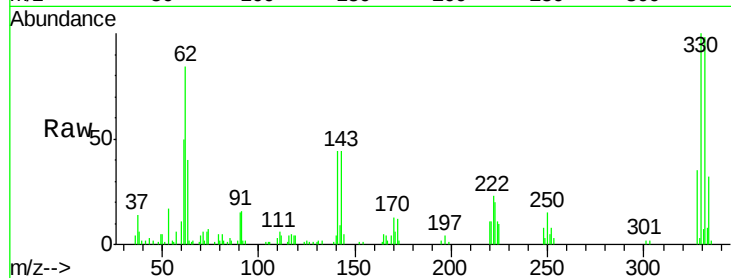




#41
 2,4,6-Tribromophenol
 Concen: 117.36 ng
 RT: 17.10 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF081736.D
 Acq: 22 Sep 2015 6:16

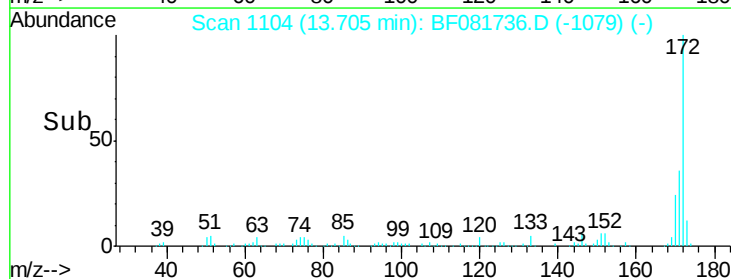
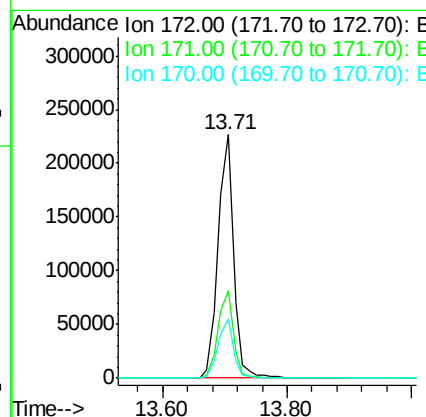
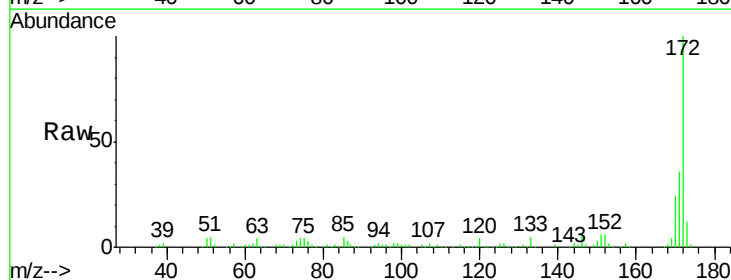
Instrument :
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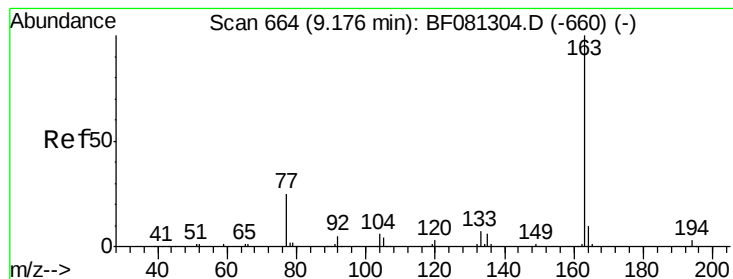
Tot Ion:330 Resp: 68529
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 49.4 29.7 44.5#



#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





#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

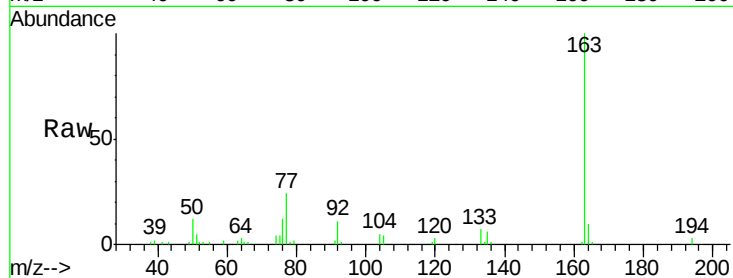
Tot Ion:163 Resp: 68531

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

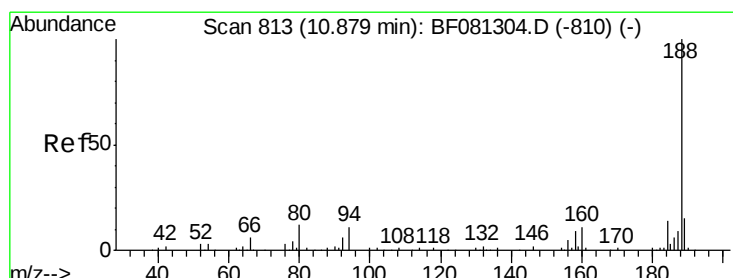
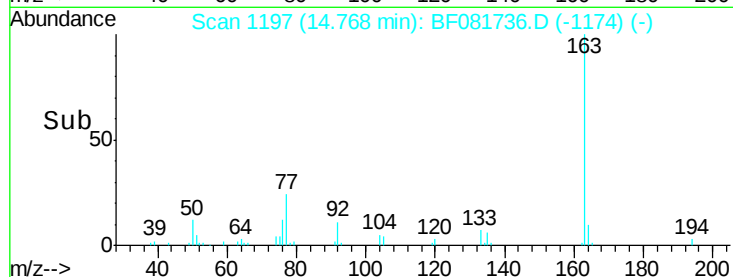
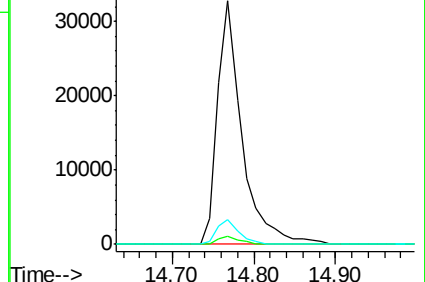
164 10.0 8.3 12.5



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

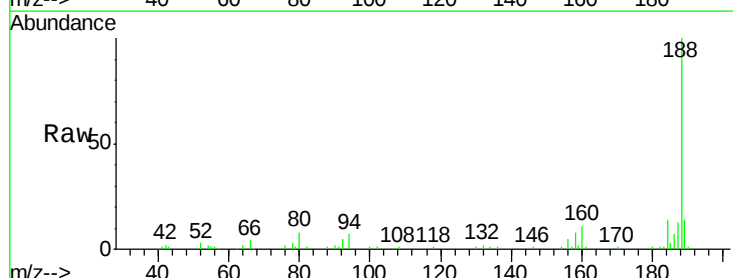
Tgt Ion:188 Resp: 133777

Ion Ratio Lower Upper

188 100

94 7.4 11.1 16.7#

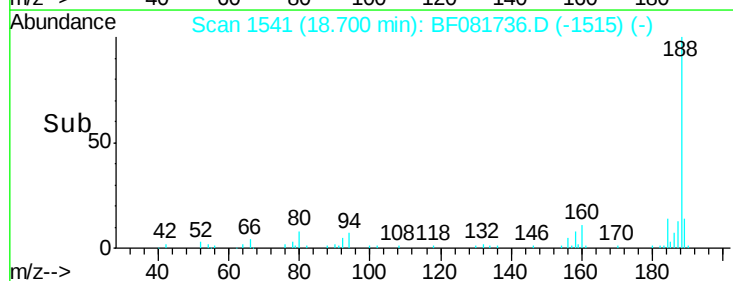
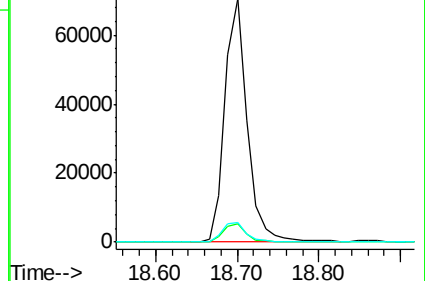
80 8.0 11.0 16.4#

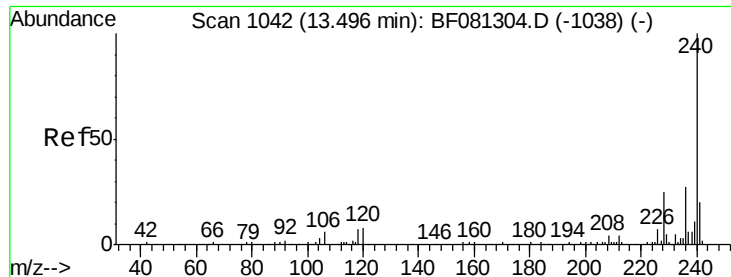


Abundance Ion 188.00 (187.70 to 188.70): E

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 :

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TRENCH-2-3

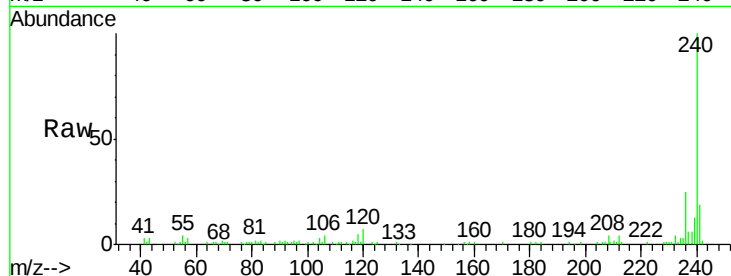
Tot Ion:240 Resp: 99557

Ion Ratio Lower Upper

240 100

120 6.5 16.2 24.2#

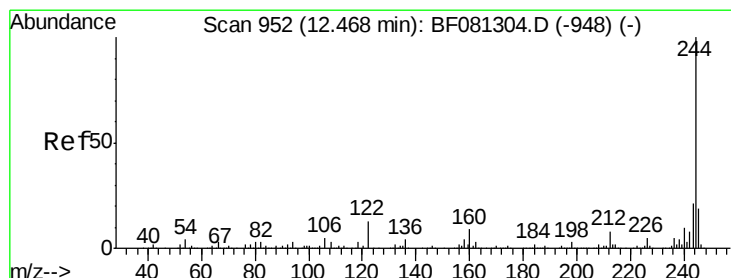
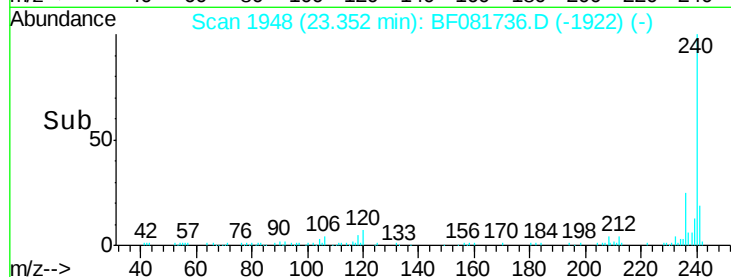
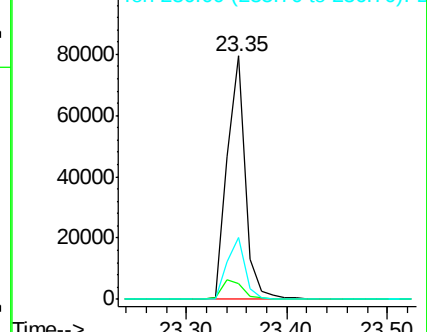
236 25.2 18.4 27.6



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

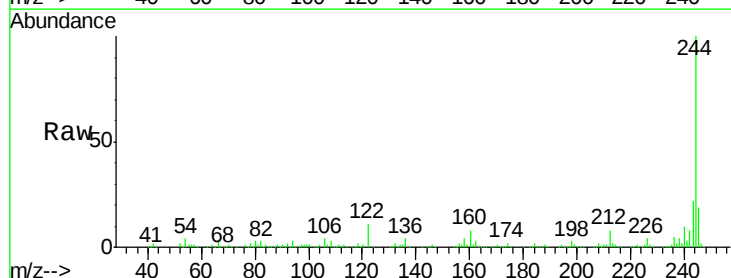
Tgt Ion:244 Resp: 366027

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

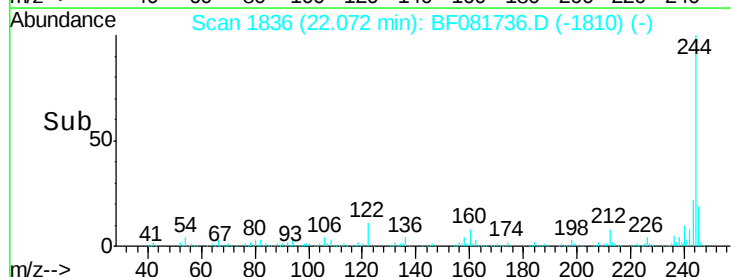
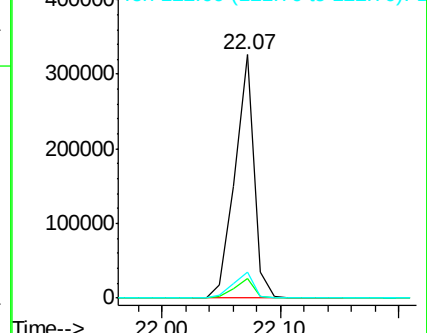
122 10.9 17.4 26.2#

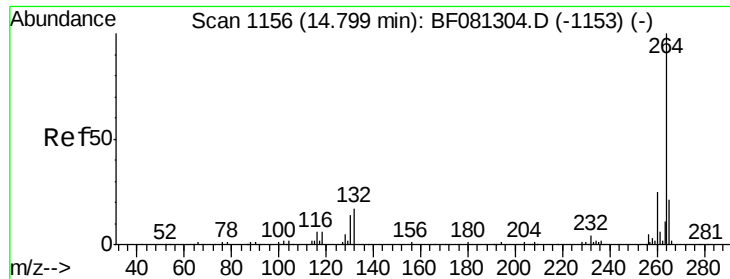


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

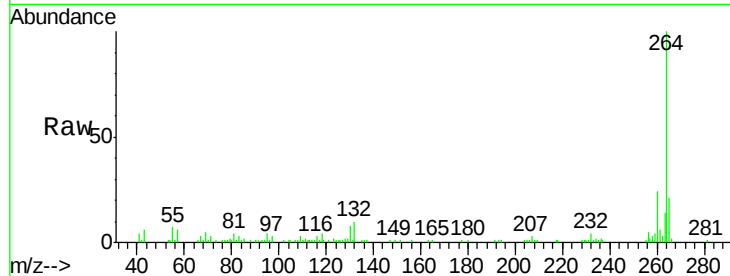




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.79 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BF081736.D
 Acq: 22 Sep 2015 6:16

Instrument :
 BNA_F
 ClientSampleId :
 TRENCH-2-3

Tot 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

