

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
 Data File : BF082300.D
 Acq On : 15 Oct 2015 10:36
 Operator : UM/IZ
 Sample : G4015-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF-1

Quant Time: Oct 16 01:06:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 01:04:42 2015
 Response via : Initial Calibration

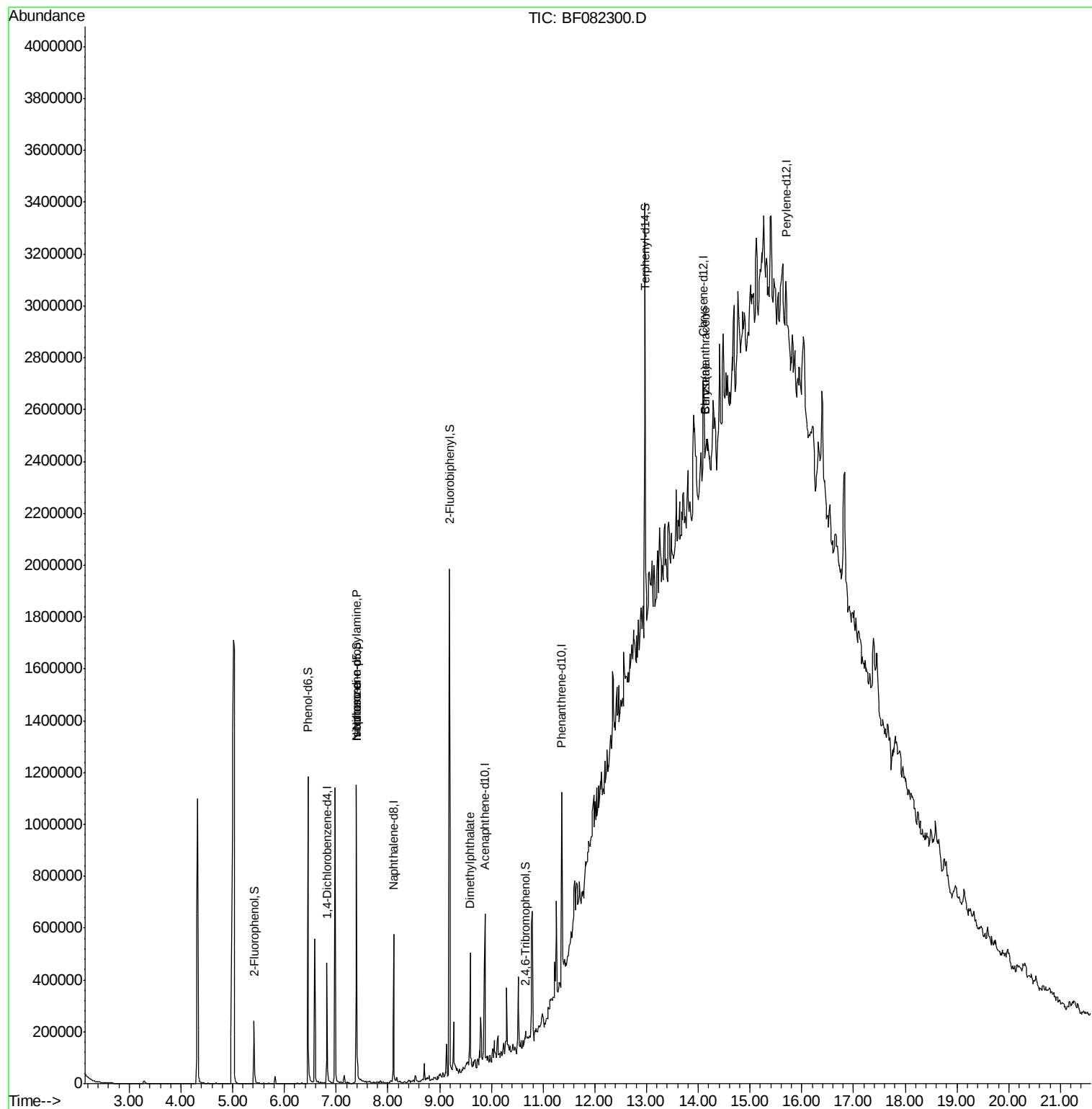
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	78681	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	301643	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	150403	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	275102	20.00	ng	0.00
75) Chrysene-d12	14.09	240	158732	20.00	ng	0.00
86) Perylene-d12	15.69	264	147719	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	94335	24.20	ng	0.00
7) Phenol-d6	6.46	99	423779	83.53	ng	-0.01
23) Nitrobenzene-d5	7.39	82	423545	94.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	8679	6.15	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	787406	86.82	ng	-0.01
78) Terphenyl-d14	12.97	244	636537	106.27	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	57420	16.12	ng	# 77
25) Isophorone	7.39	82	320922	35.40	ng	# 66
49) Dimethylphthalate	9.59	163	89903	8.49	ng	99
55) 4-Nitrophenol	9.98	139	533	Below Cal	#	1
80) Benzo(a)anthracene	14.13	228	21295	2.58	ng	# 61
82) Chrysene	14.13	228	21295	2.45	ng	# 65

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

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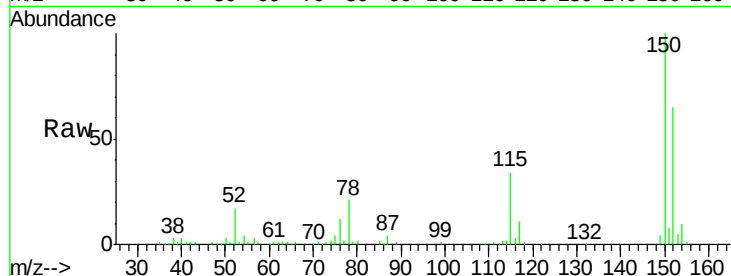


#1

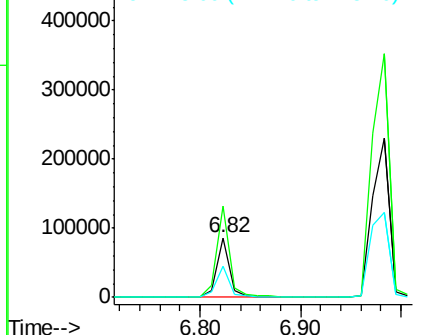
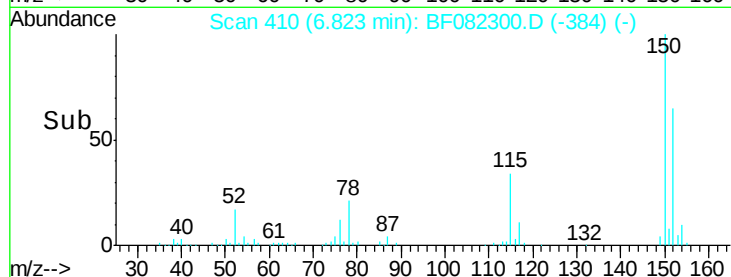
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF082300.D
Acq: 15 Oct 2015 10:36

Instrument :
BNA_F
ClientSampleId :
LF-1

Tot Ion:152 Resp: 78681
Ion Ratio Lower Upper
152 100
150 154.1 129.0 193.4
115 52.6 52.1 78.1



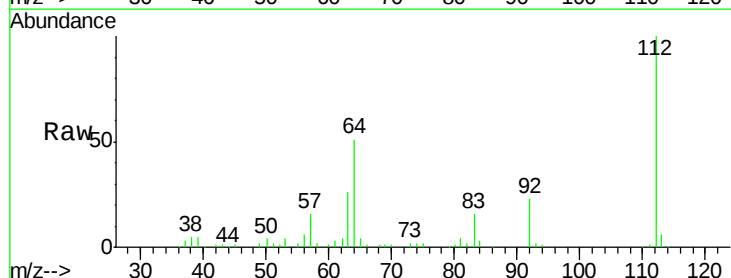
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



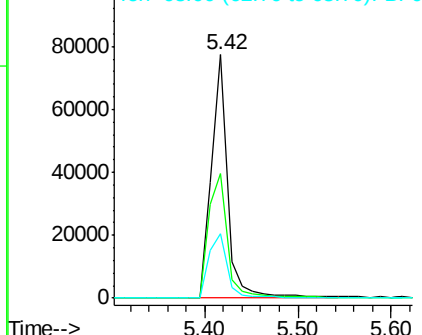
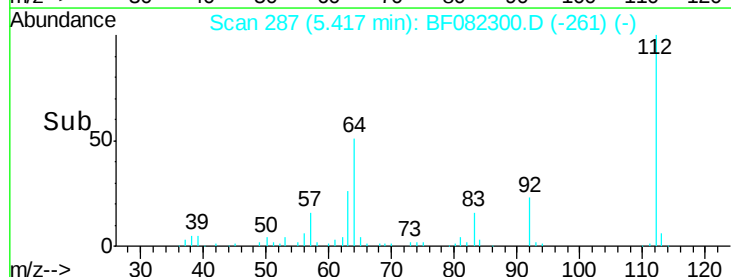
#5

2-Fluorophenol
Concen: 24.20 ng
RT: 5.42 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF082300.D
Acq: 15 Oct 2015 10:36

Tgt Ion:112 Resp: 94335
Ion Ratio Lower Upper
112 100
64 51.1 48.6 73.0
63 26.5 25.1 37.7



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: 83.53 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082300.D

Acq: 15 Oct 2015 10:36

Instrument :

BNA_F

ClientSampled :

LF-1

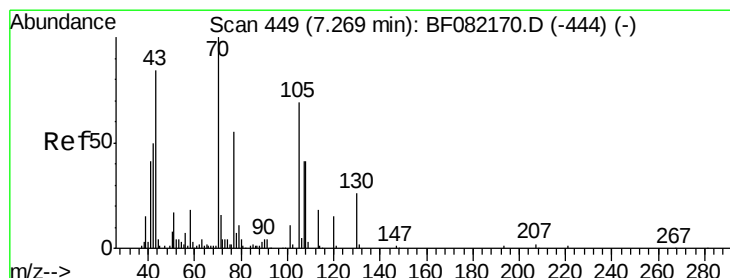
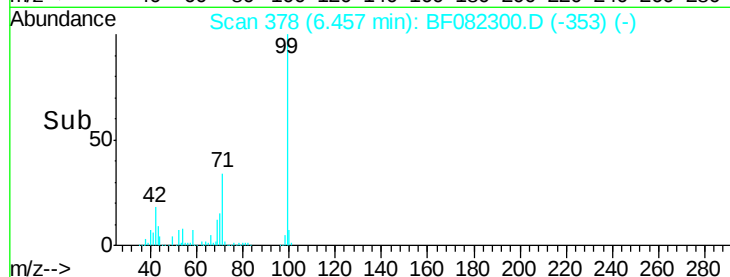
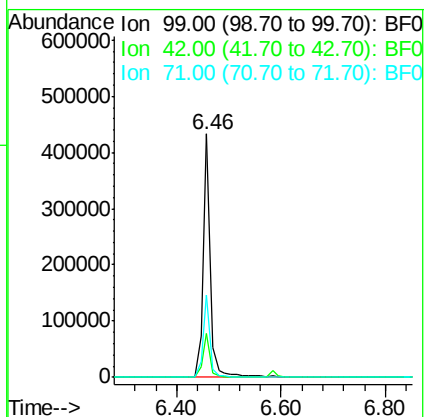
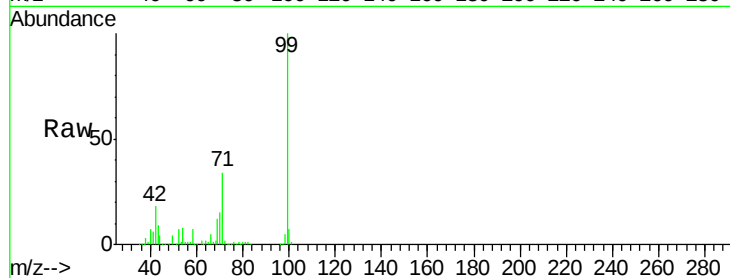
Tot Ion: 99 Resp: 423779

Ion Ratio Lower Upper

99 100

42 17.8 13.2 19.8

71 34.0 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.12 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.14 min

Lab File: BF082300.D

Acq: 15 Oct 2015 10:36

Tgt Ion: 70 Resp: 57420

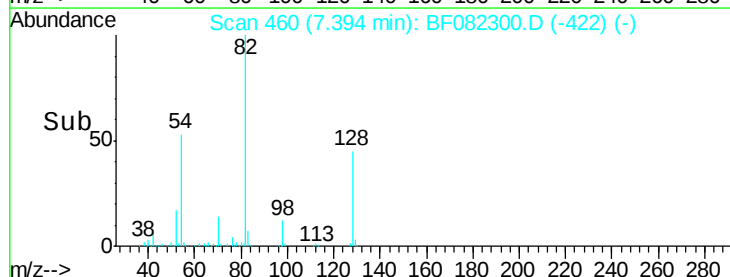
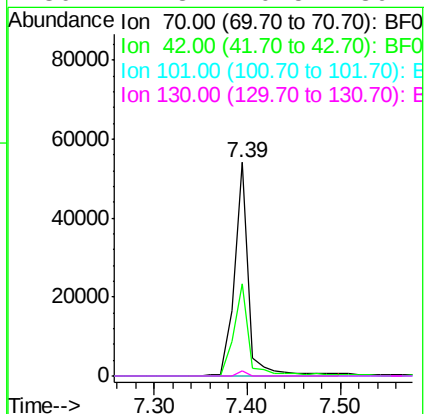
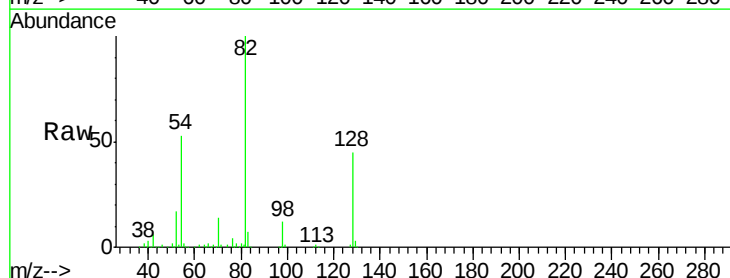
Ion Ratio Lower Upper

70 100

42 43.3 39.8 59.8

101 0.0 8.6 13.0#

130 2.3 20.5 30.7#

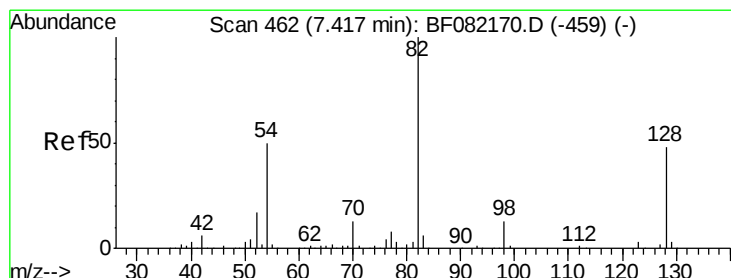
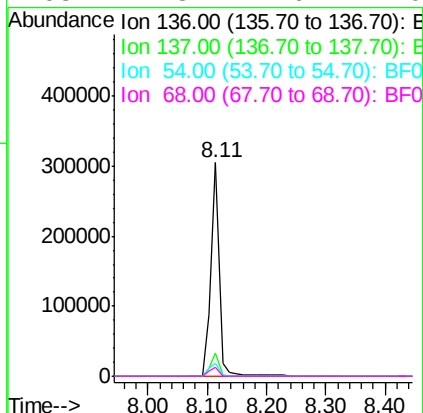
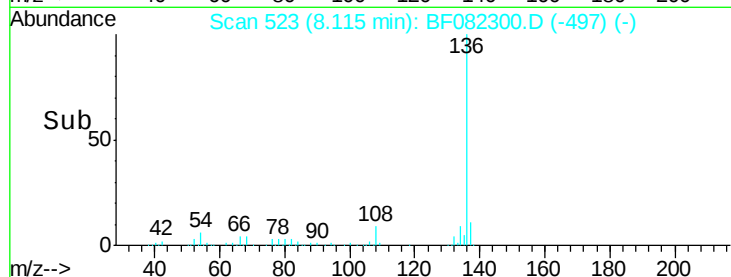
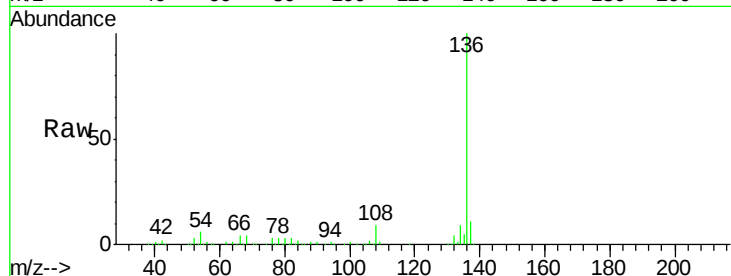




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF082300.D
Acq: 15 Oct 2015 10:36

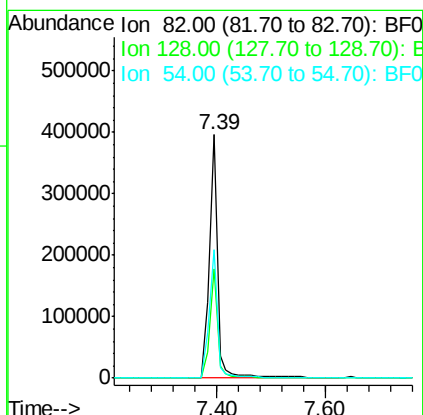
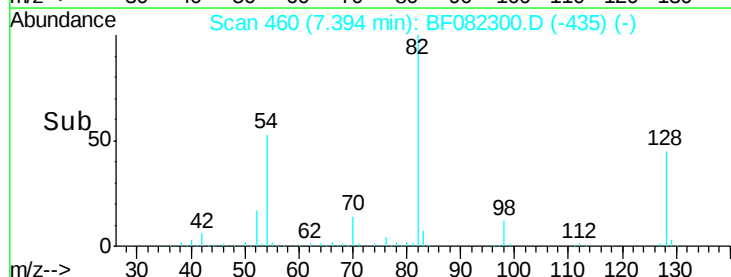
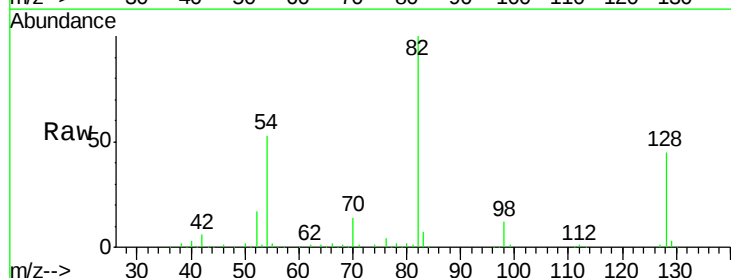
Instrument :
BNA_F
ClientSampleId :
LF-1

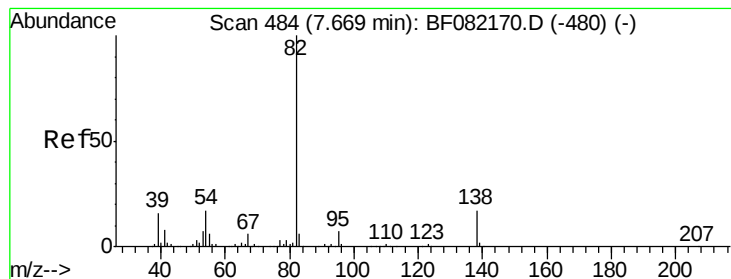
Tot Ion:136	Resp:	301643
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.0 13.6
54	6.3	7.5 11.3#
68	4.3	4.6 7.0#



#23
Nitrobenzene-d5
Concen: 94.29 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF082300.D
Acq: 15 Oct 2015 10:36

Tgt Ion: 82	Resp:	423545
Ion Ratio	Lower	Upper
82	100	
128	44.6	38.7 58.1
54	52.6	40.1 60.1





#25

Isophorone

Concen: 35.40 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF082300.D

Acq: 15 Oct 2015 10:36

Instrument :

BNA_F

ClientSampleId :

LF-1

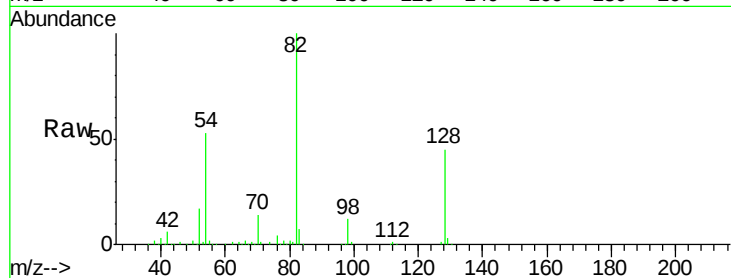
Tot Ion: 82 Resp: 320922

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

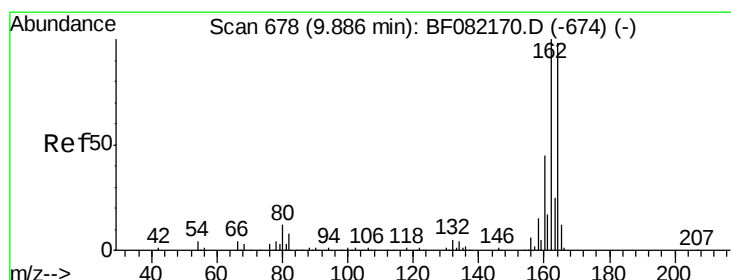
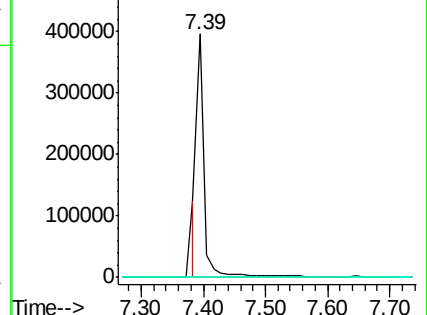
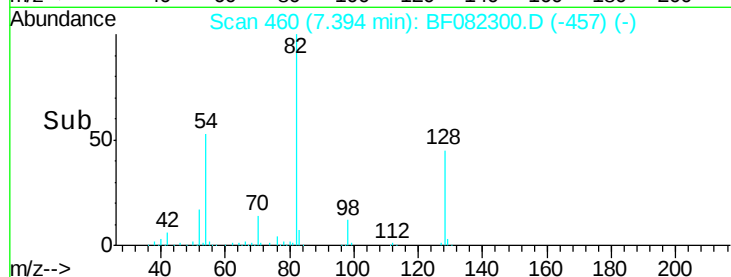
138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF082300.D

Acq: 15 Oct 2015 10:36

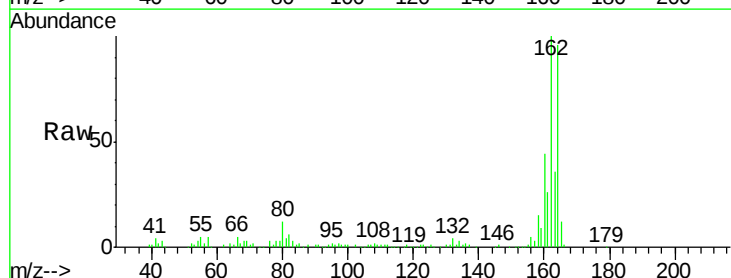
Tgt Ion:164 Resp: 150403

Ion Ratio Lower Upper

164 100

162 103.7 81.6 122.4

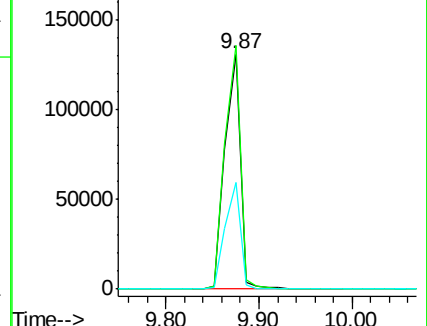
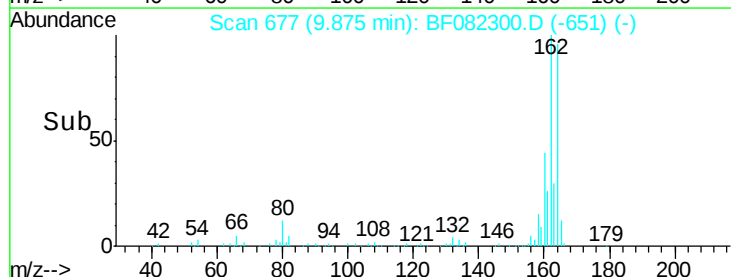
160 45.7 36.4 54.6



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

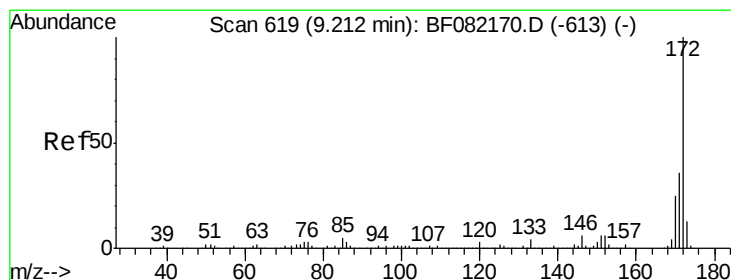
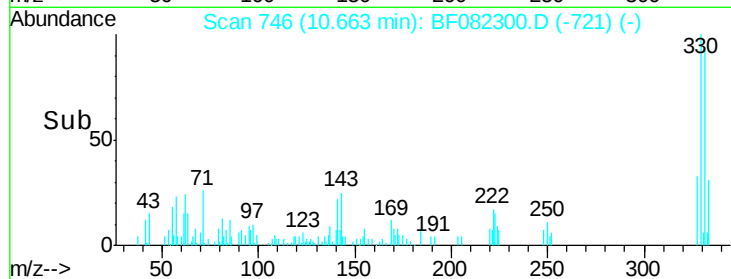
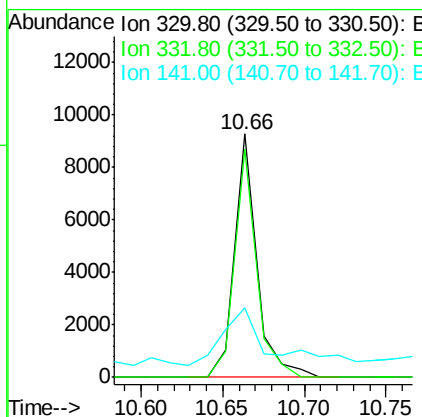
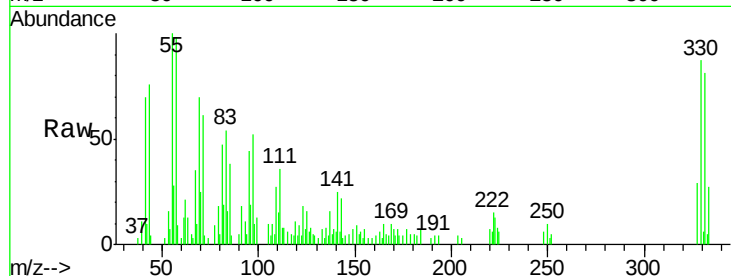




#41
 2,4,6-Tribromophenol
 Concen: 6.15 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082300.D
 Acq: 15 Oct 2015 10:36

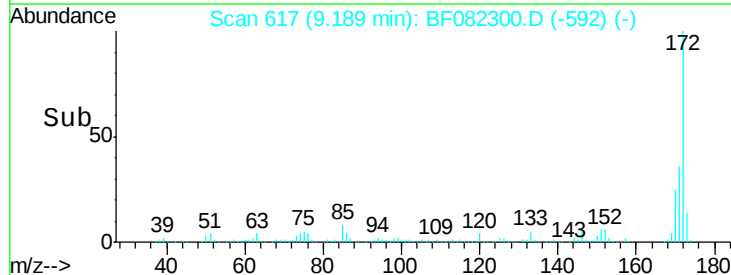
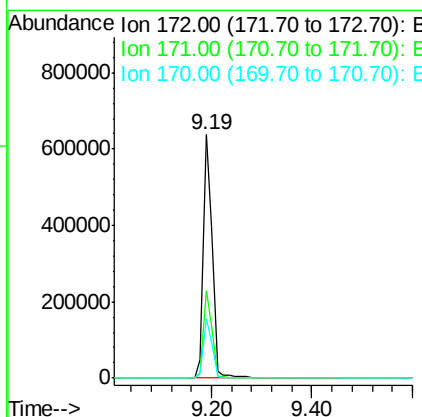
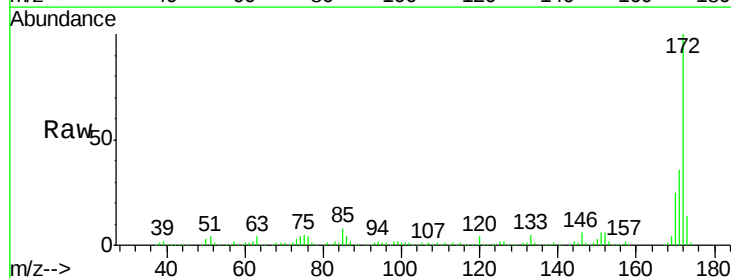
Instrument :
 BNA_F
 ClientSampleId :
 LF-1

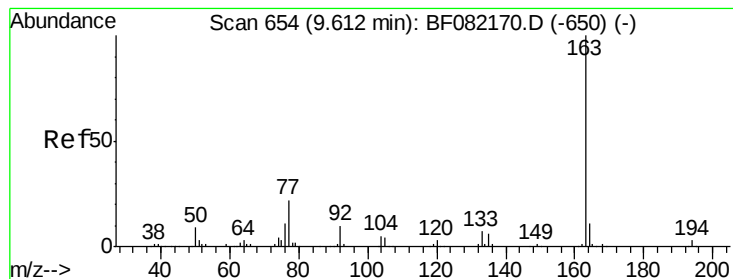
Tot Ion	Ratio	Lower	Upper
330	100		
332	92.1	77.1	115.7
141	37.0	29.8	44.8



#44
 2-Fluorobiphenyl
 Concen: 86.82 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082300.D
 Acq: 15 Oct 2015 10:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	24.6	19.7	29.5





#49

Dimethylphthalate

Concen: 8.49 ng

RT: 9.59 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF082300.D

Acq: 15 Oct 2015 10:36

Instrument :

BNA_F

ClientSampleId :

LF-1

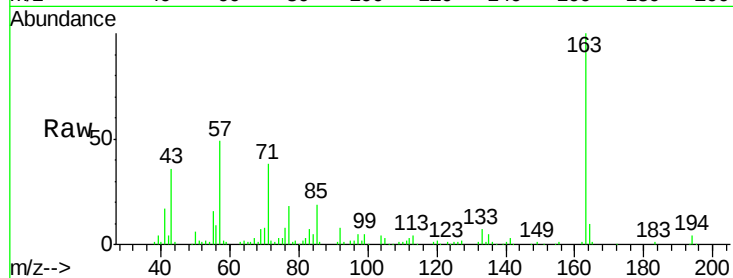
Tot Ion:163 Resp: 89903

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

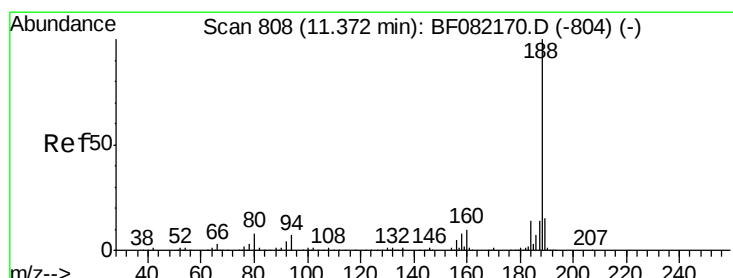
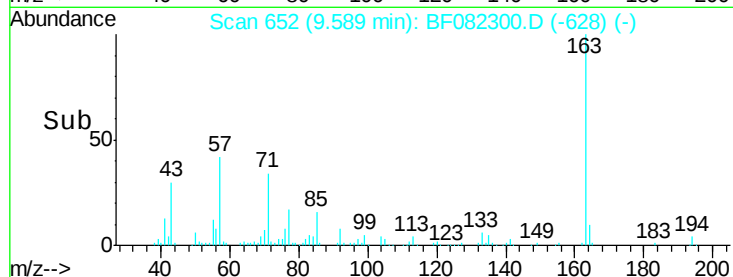
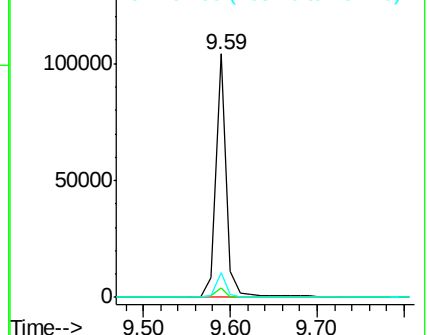
164 10.0 8.5 12.7



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: 11.36 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF082300.D

Acq: 15 Oct 2015 10:36

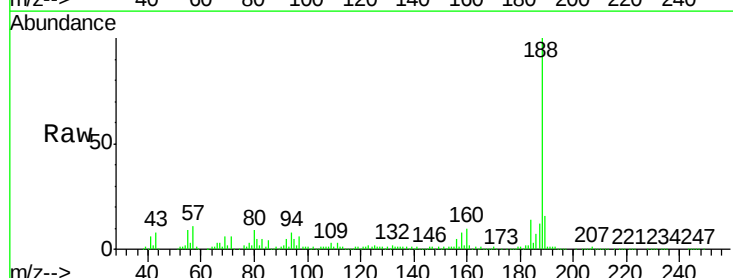
Tgt Ion:188 Resp: 275102

Ion Ratio Lower Upper

188 100

94 8.2 5.8 8.6

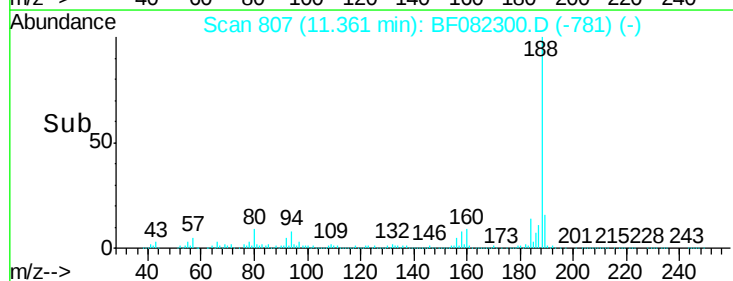
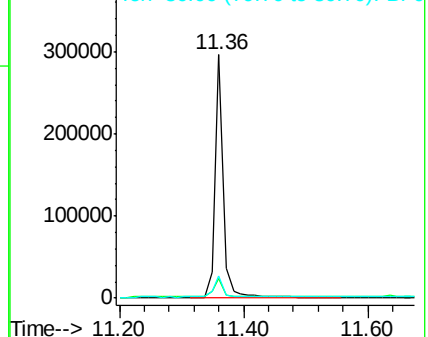
80 9.1 6.4 9.6

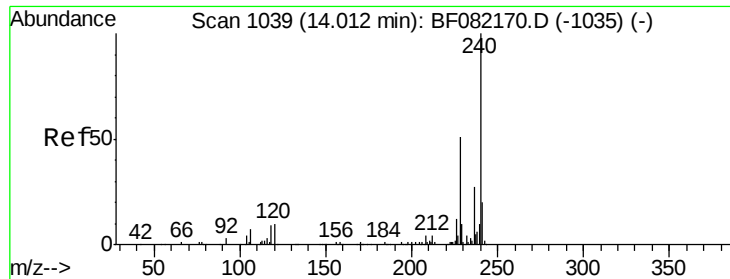


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.09 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF082300.D

Acq: 15 Oct 2015 10:36

Instrument :

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ClientSampleId :

LF-1

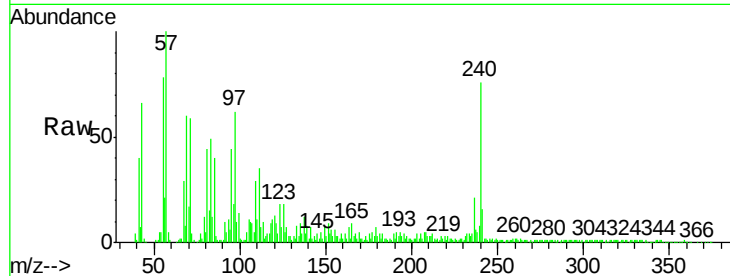
Tot Ion:240 Resp: 158732

Ion Ratio Lower Upper

240 100

120 16.5 8.1 12.1#

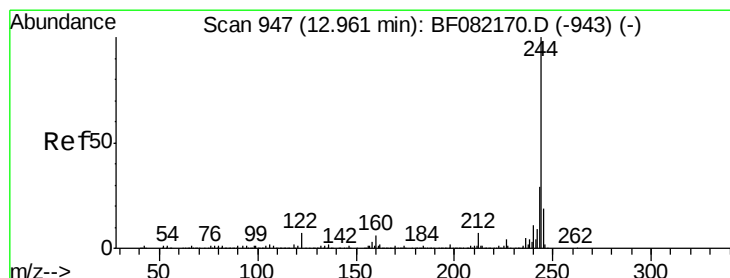
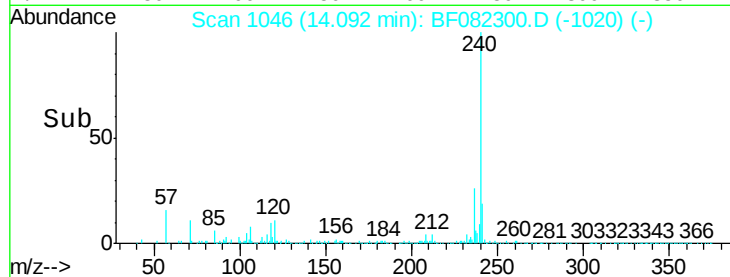
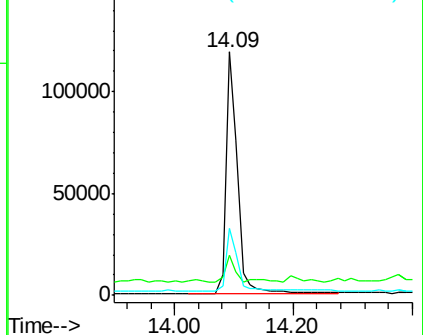
236 27.4 21.3 31.9



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: 106.27 ng

RT: 12.97 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF082300.D

Acq: 15 Oct 2015 10:36

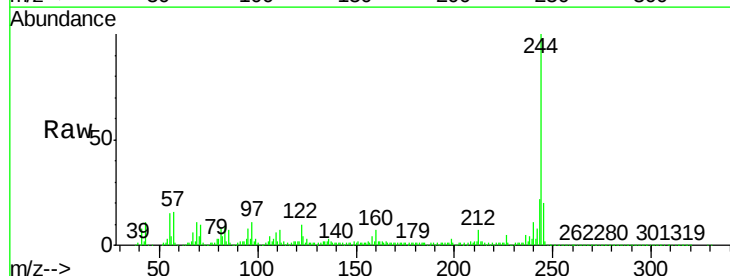
Tgt Ion:244 Resp: 636537

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

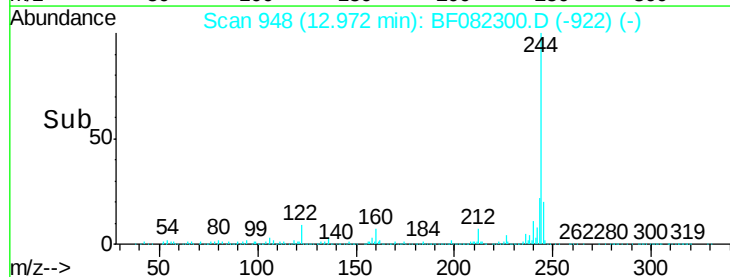
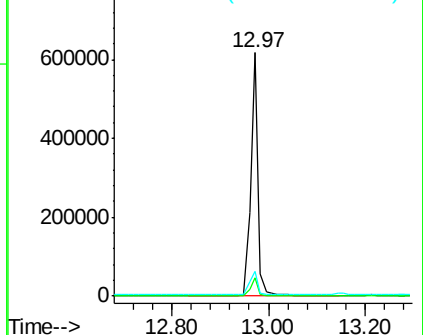
122 9.9 5.9 8.9#

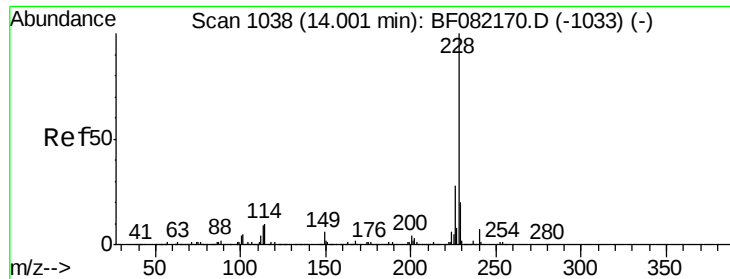


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 2.58 ng

RT: 14.13 min Scan# 1049

Delta R.T. 0.06 min

Lab File: BF082300.D

Acq: 15 Oct 2015 10:36

Instrument :

BNA_F

ClientSampled :

LF-1

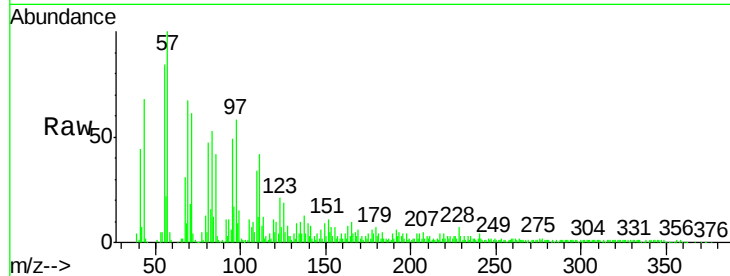
Tot Ion:228 Resp: 21295

Ion Ratio Lower Upper

228 100

226 41.5 22.3 33.5#

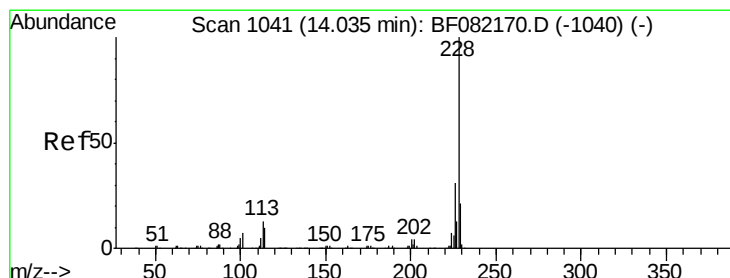
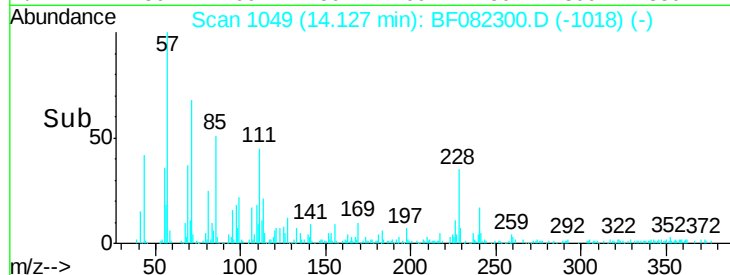
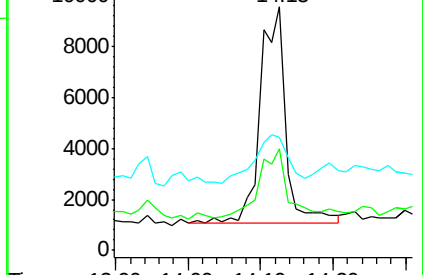
229 46.4 16.2 24.2#



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



#82

Chrysene

Concen: 2.45 ng

RT: 14.13 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF082300.D

Acq: 15 Oct 2015 10:36

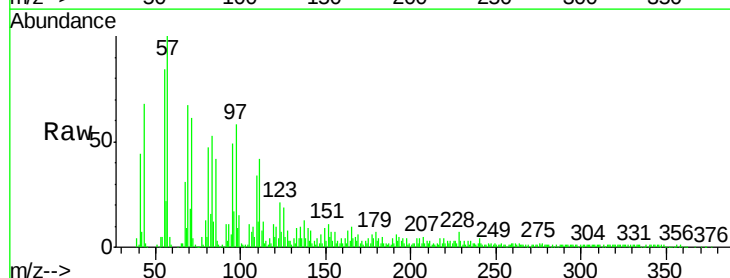
Tgt Ion:228 Resp: 21295

Ion Ratio Lower Upper

228 100

226 41.5 24.4 36.6#

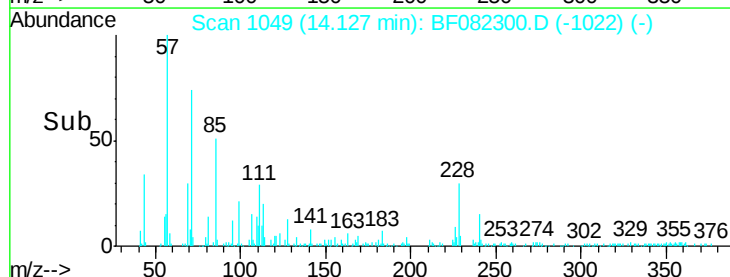
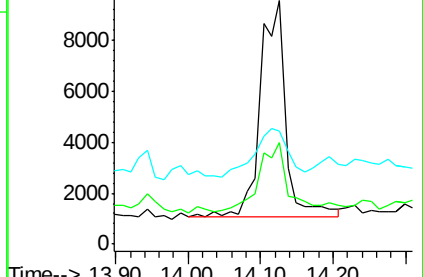
229 46.4 16.3 24.5#

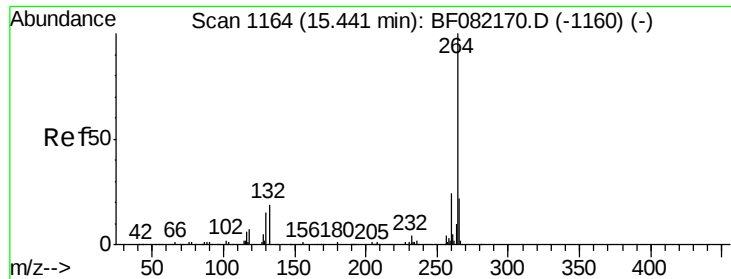


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

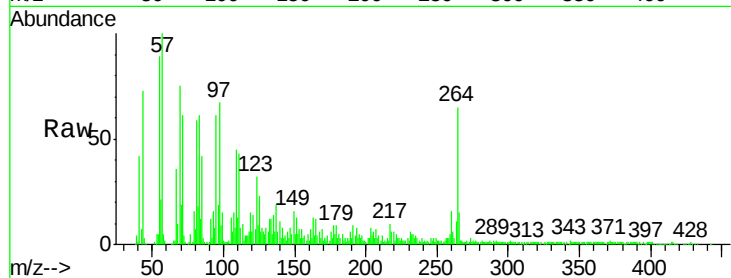




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.69 min Scan# 1186
 Delta R.T. 0.03 min
 Lab File: BF082300.D
 Acq: 15 Oct 2015 10:36

Instrument :
 BNA_F
 ClientSampleId :
 LF-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.6
265	22.3	17.3	25.9



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

