

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122716\
 Data File : BF091980.D
 Acq On : 27 Dec 2016 21:04
 Operator : UM/SJ
 Sample : H6244-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22

Quant Time: Dec 28 00:01:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	235554	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	880042	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	419785	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	677803	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	523595	20.00	ng	-0.01
86) Perylene-d12	15.29	264	402708	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	1071899	75.98	ng	0.01
7) Phenol-d6	6.41	99	918902	53.35	ng	0.00
23) Nitrobenzene-d5	7.30	82	1319083	83.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	460539	132.57	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2486354	127.86	ng	-0.01
78) Terphenyl-d14	12.84	244	1880078	87.08	ng	-0.01

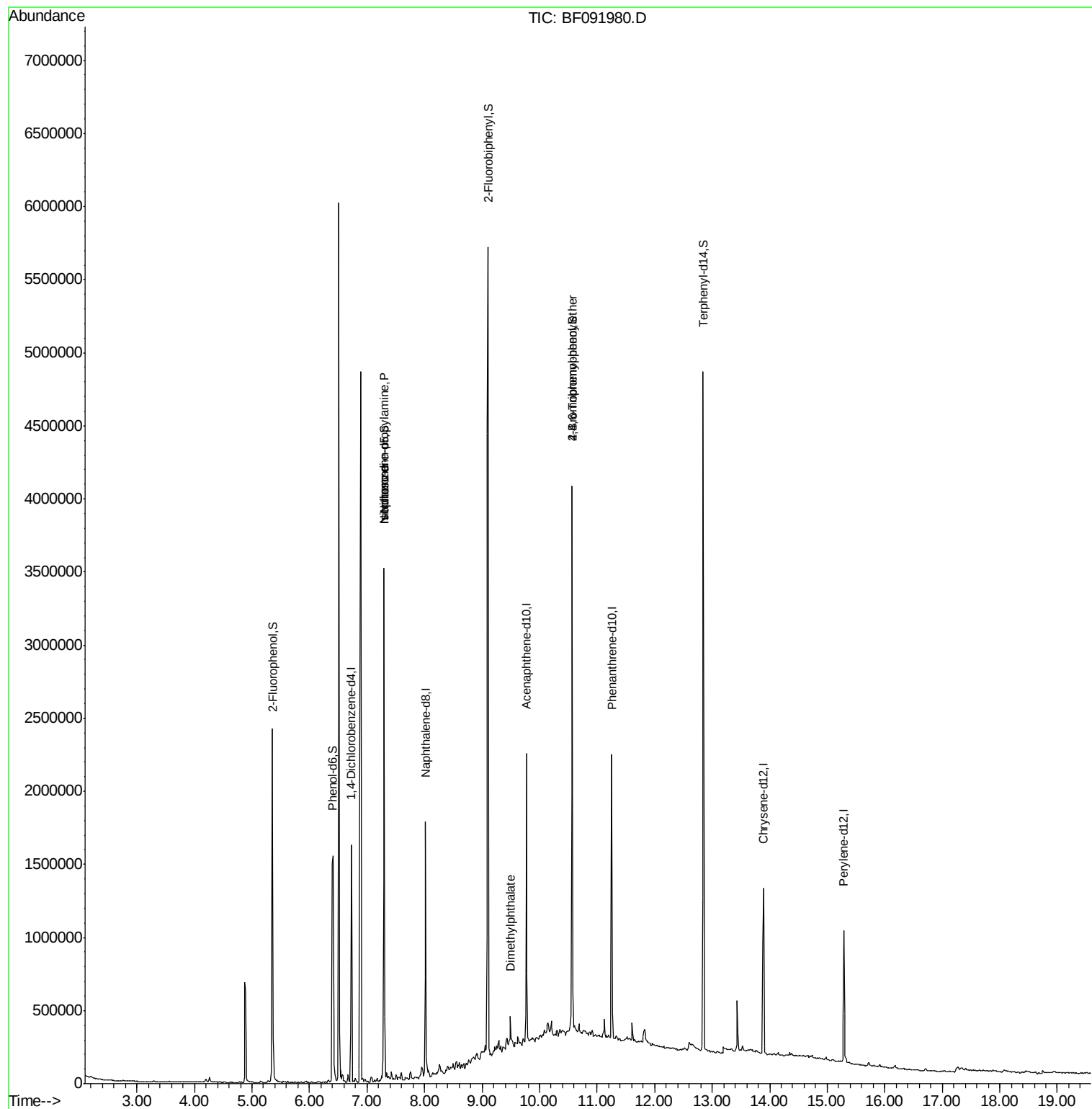
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.41	77	1414	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.30	70	182547	15.93	ng	77
25) Isophorone	7.30	82	943493	32.31	ng	65
37) 2-Methylnaphthalene	8.73	142	646	Below Cal	#	1
49) Dimethylphthalate	9.49	163	71643	2.67	ng	99
66) 4-Bromophenyl-phenylether	10.57	248	31844	4.52	ng	1
71) Anthracene	11.33	178	2138	Below Cal	#	1
73) Di-n-butylphthalate	11.82	149	17312	Below Cal	#	89
74) Fluoranthene	12.46	202	1577	Below Cal	#	1

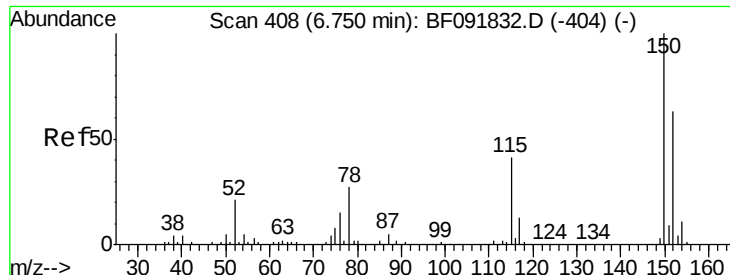
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091980.D

Acq: 27 Dec 2016 21:04

Instrument :

BNA_F

ClientSampleId :

LIP-22

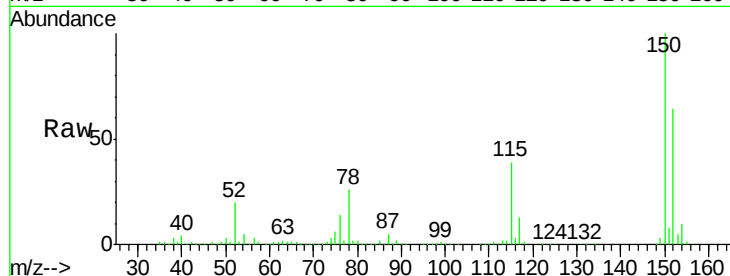
Tgt Ion:152 Resp: 235554

Ion Ratio Lower Upper

152 100

150 156.5 124.9 187.3

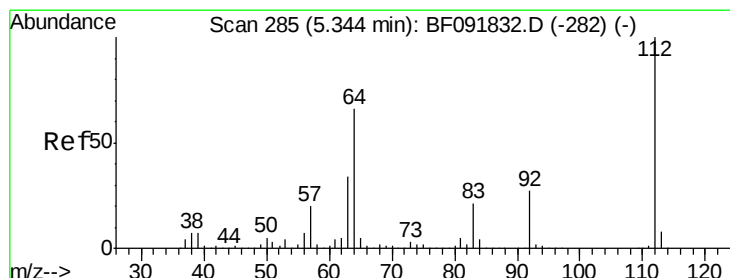
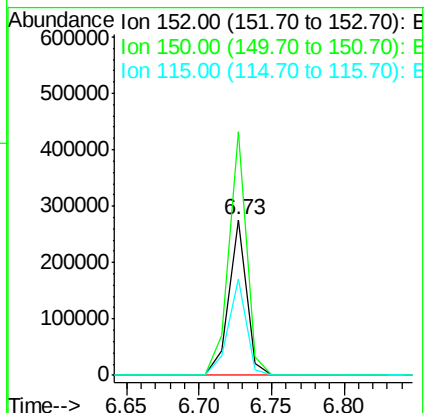
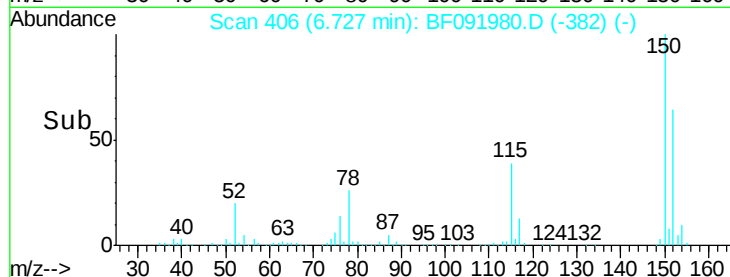
115 61.8 46.0 69.0



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: 75.98 ng

RT: 5.36 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF091980.D

Acq: 27 Dec 2016 21:04

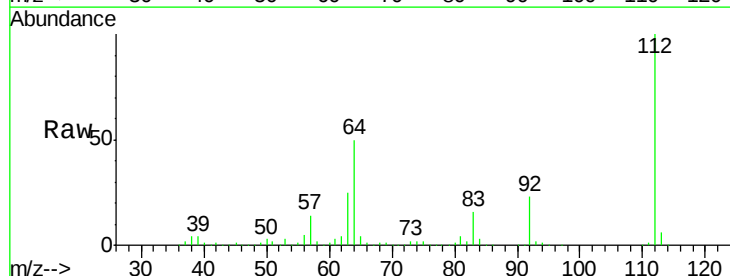
Tgt Ion:112 Resp: 1071899

Ion Ratio Lower Upper

112 100

64 50.1 46.1 69.1

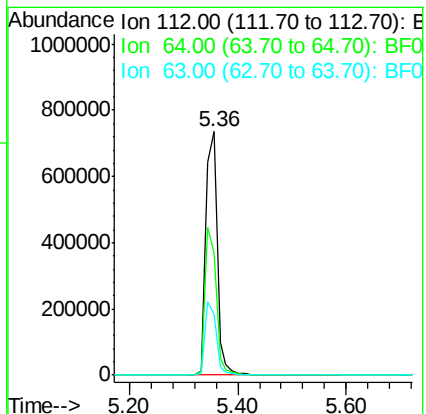
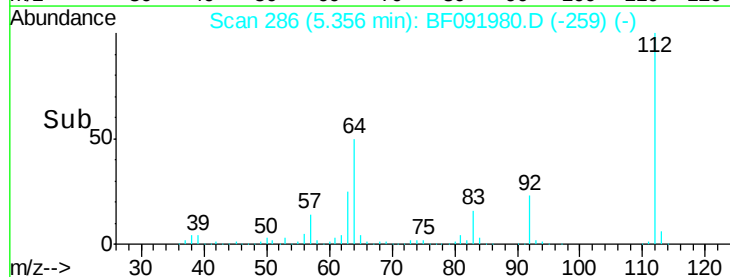
63 25.1 23.8 35.6

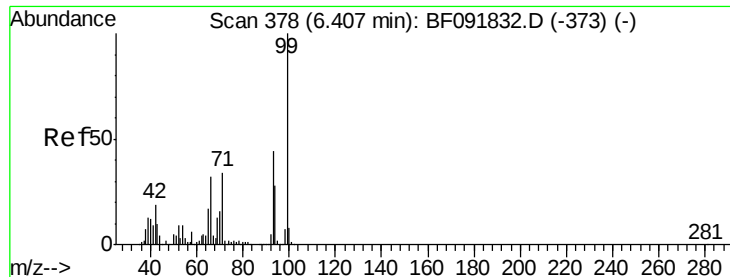


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 53.35 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF091980.D

Acq: 27 Dec 2016 21:04

Instrument :

BNA_F

ClientSampleId :

LIP-22

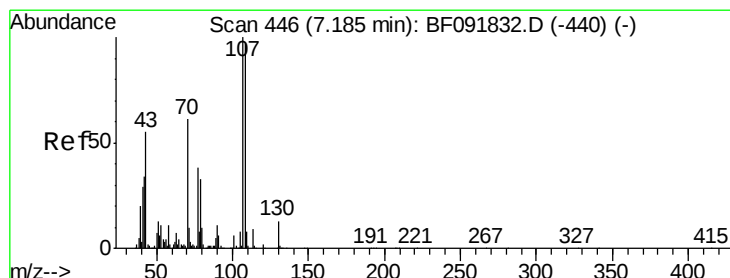
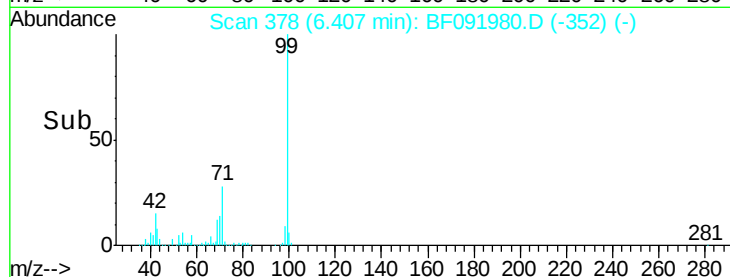
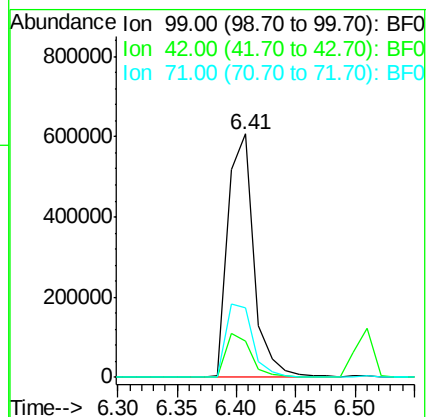
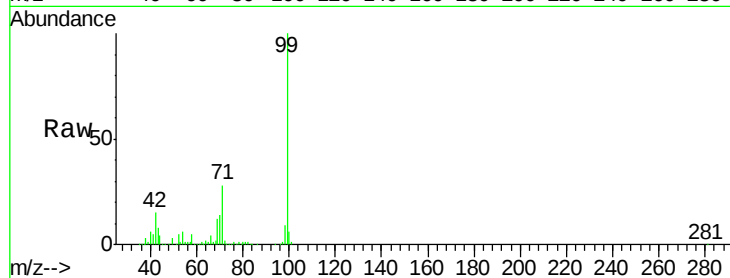
Tgt Ion: 99 Resp: 918902

Ion Ratio Lower Upper

99 100

42 14.9 15.6 23.4#

71 28.5 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.93 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.11 min

Lab File: BF091980.D

Acq: 27 Dec 2016 21:04

Tgt Ion: 70 Resp: 182547

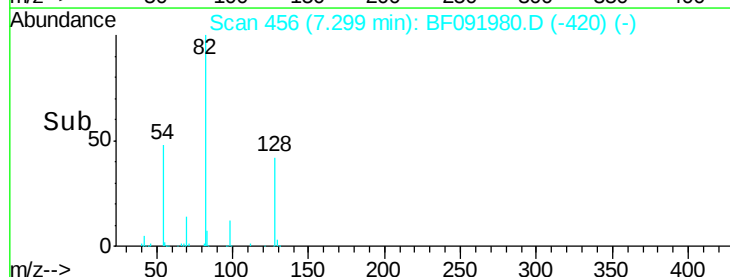
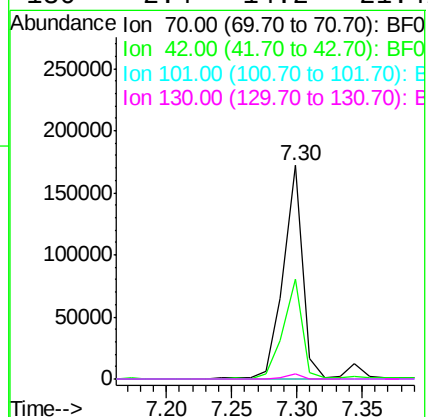
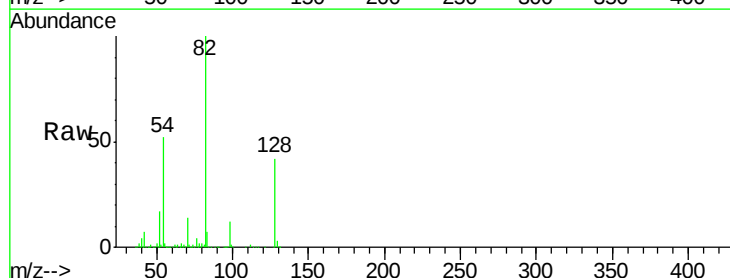
Ion Ratio Lower Upper

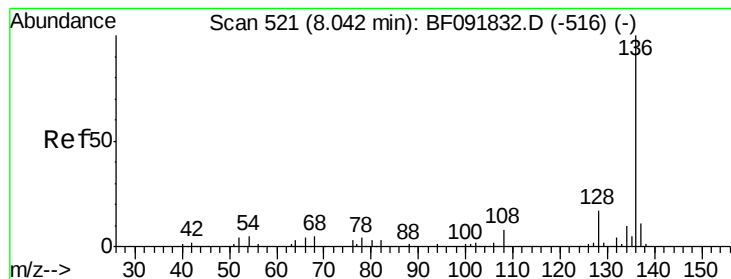
70 100

42 46.8 49.4 74.0#

101 0.0 7.4 11.2#

130 2.4 14.2 21.4#

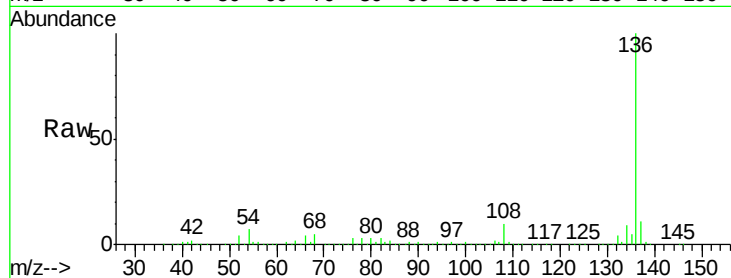




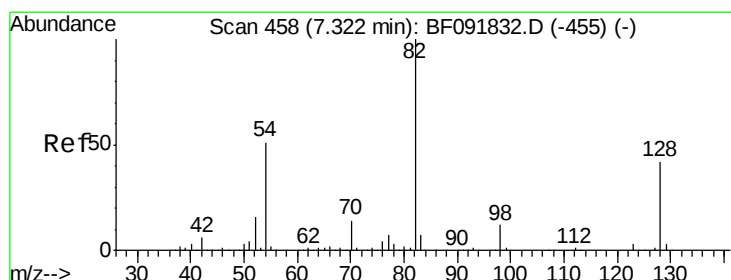
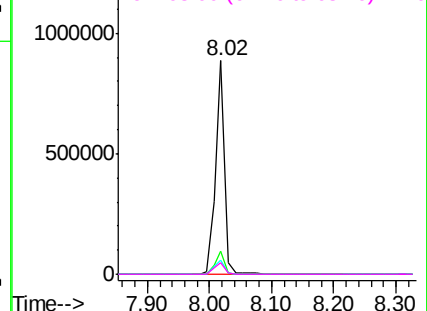
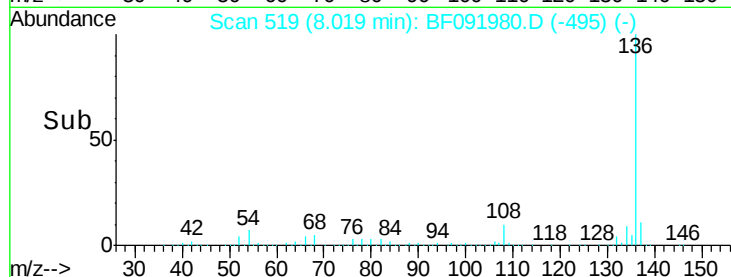
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091980.D
Acq: 27 Dec 2016 21:04

Instrument :
BNA_F
ClientSampleId :
LIP-22

Tgt Ion:	136	Resp:	880042
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	6.8	4.5	6.7#
68	5.5	3.6	5.4#

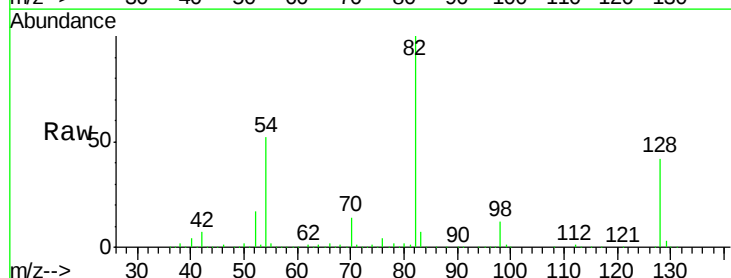


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

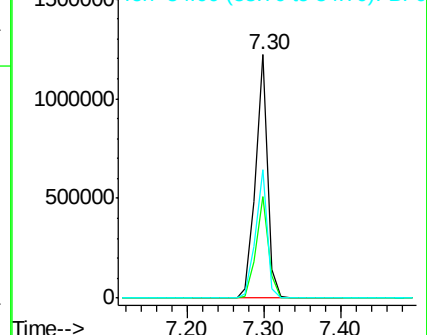
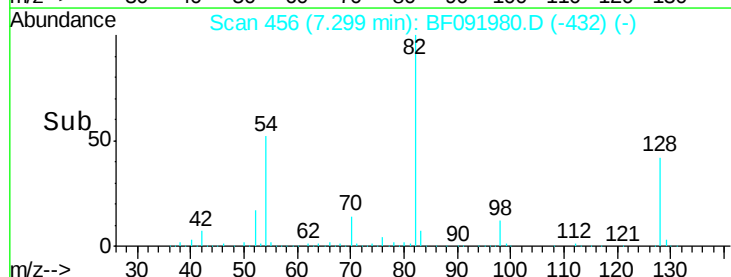


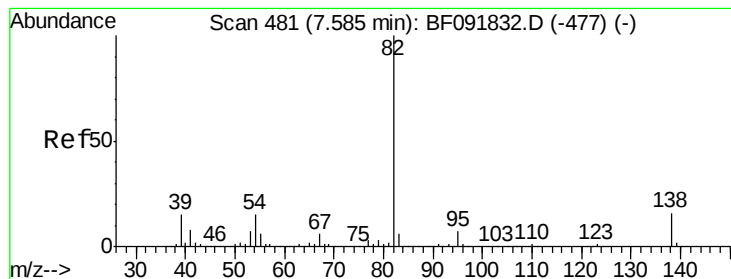
#23
Nitrobenzene-d5
Concen: 83.35 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF091980.D
Acq: 27 Dec 2016 21:04

Tgt Ion:	82	Resp:	1319083
Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.6	52.0
54	52.5	39.5	59.3



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





#25

Isophorone

Concen: 32.31 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.29 min

Lab File: BF091980.D

Acq: 27 Dec 2016 21:04

Instrument :

BNA_F

ClientSampleId :

LIP-22

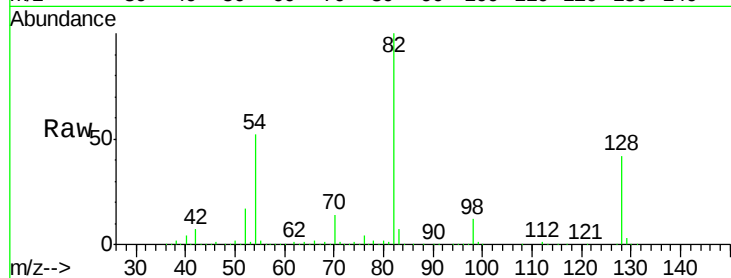
Tgt Ion: 82 Resp: 943493

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

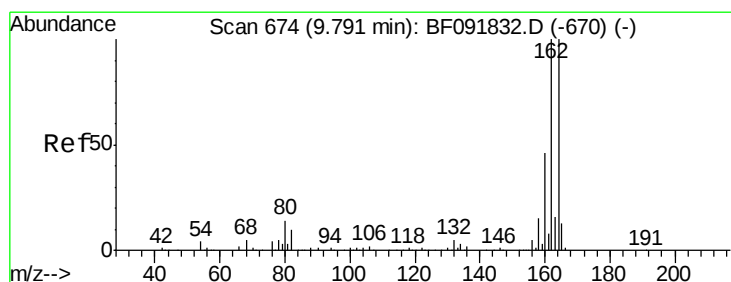
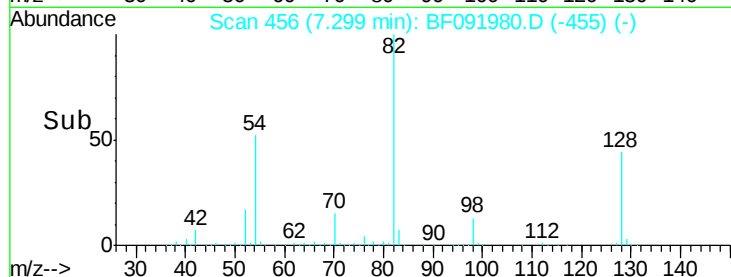
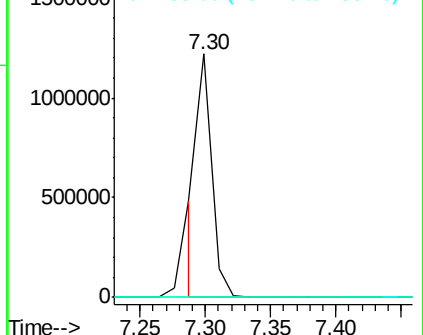
138 0.0 14.6 22.0#



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: 9.77 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF091980.D

Acq: 27 Dec 2016 21:04

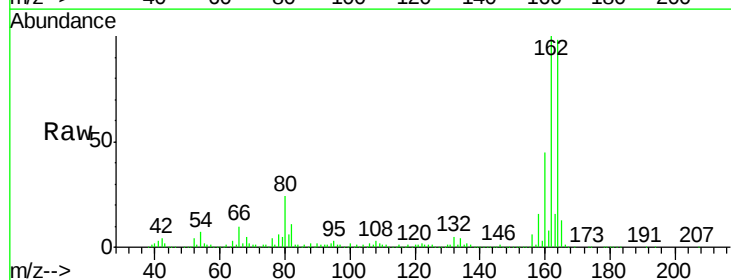
Tgt Ion: 164 Resp: 419785

Ion Ratio Lower Upper

164 100

162 102.1 80.2 120.2

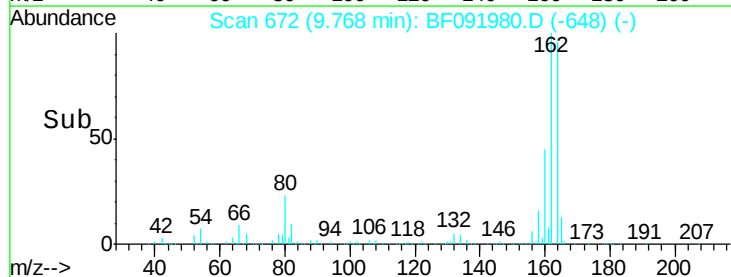
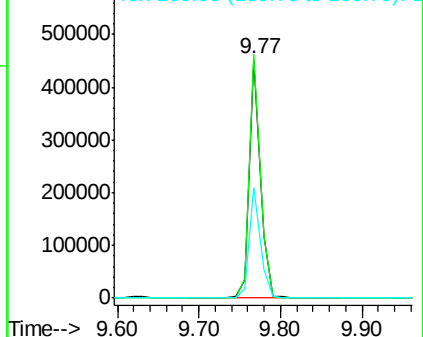
160 46.2 36.9 55.3

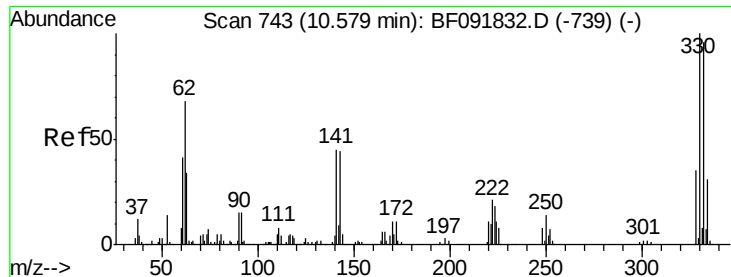


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

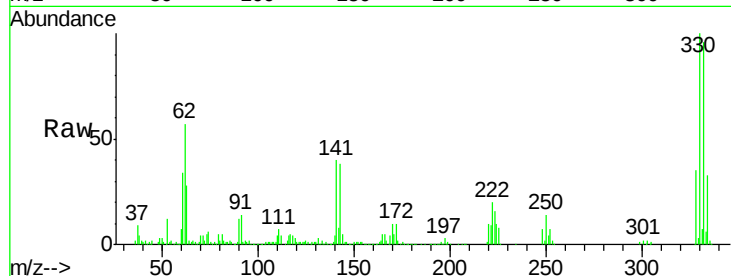




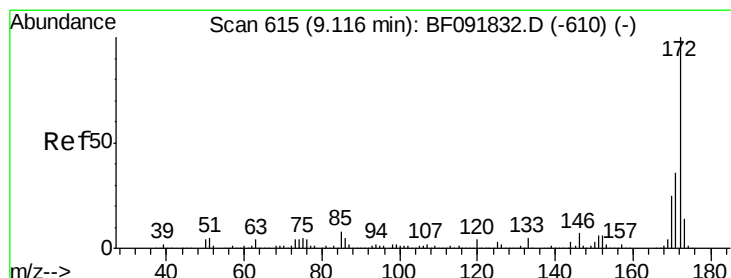
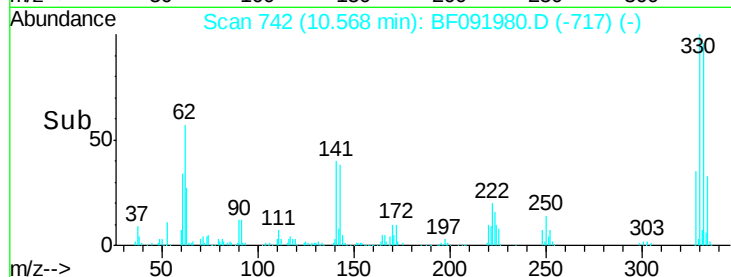
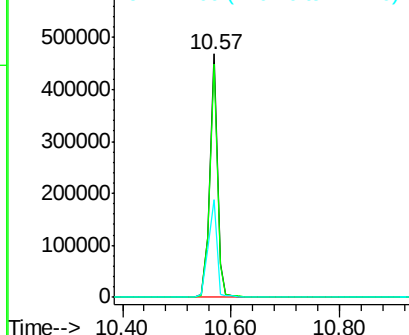
#41
 2,4,6-Tribromophenol
 Concen: 132.57 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091980.D
 Acq: 27 Dec 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22

Tgt Ion:330 Resp: 460539
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 43.7 34.1 51.1

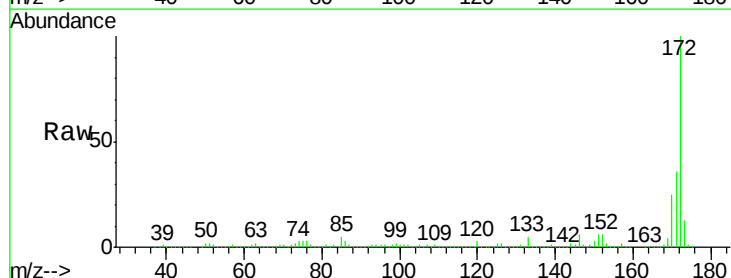


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

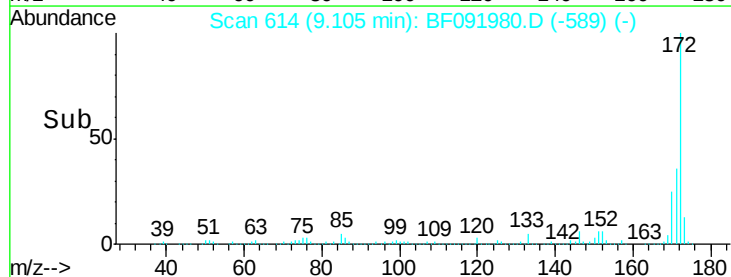
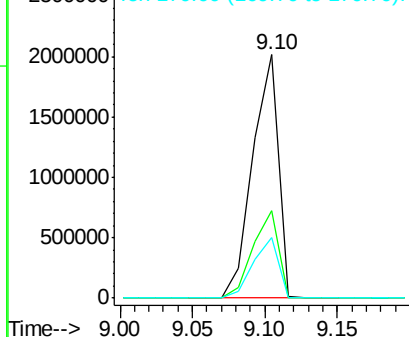


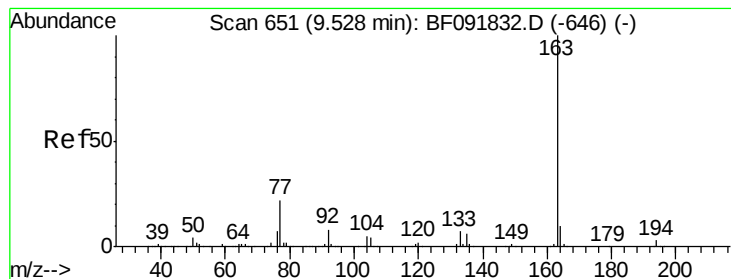
#44
 2-Fluorobiphenyl
 Concen: 127.86 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091980.D
 Acq: 27 Dec 2016 21:04

Tgt Ion:172 Resp: 2486354
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.8 20.2 30.4



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: 2.67 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.03 min

Lab File: BF091980.D

Acq: 27 Dec 2016 21:04

Instrument :

BNA_F

ClientSampled :

LIP-22

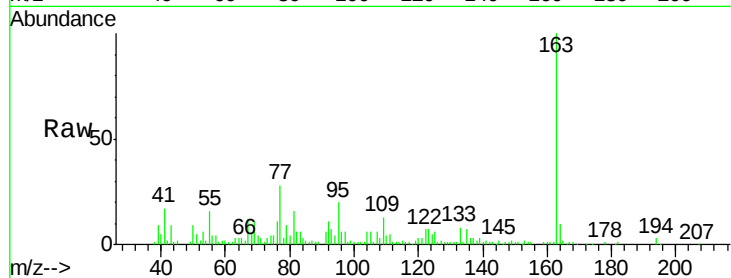
Tgt Ion:163 Resp: 71643

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

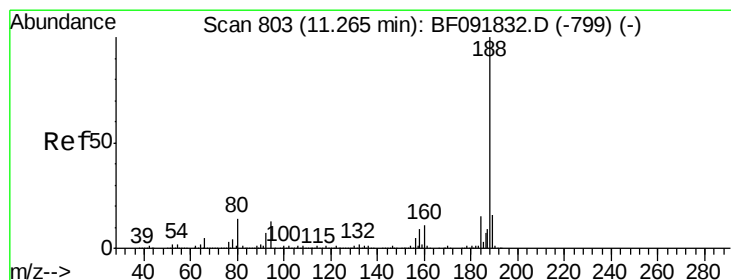
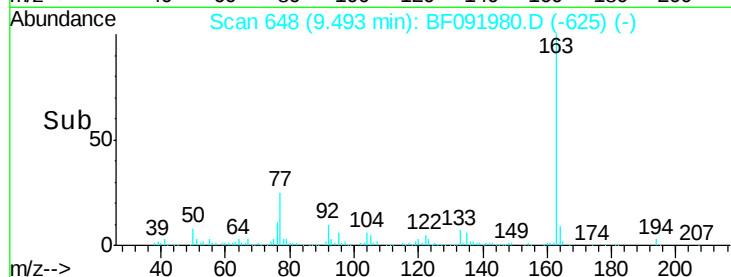
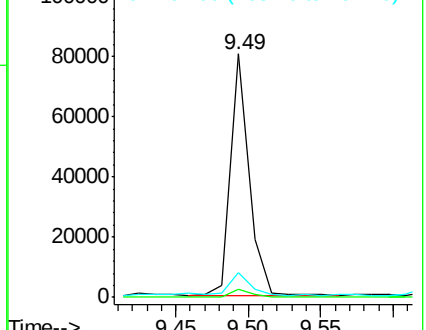
164 10.3 8.0 12.0



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: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF091980.D

Acq: 27 Dec 2016 21:04

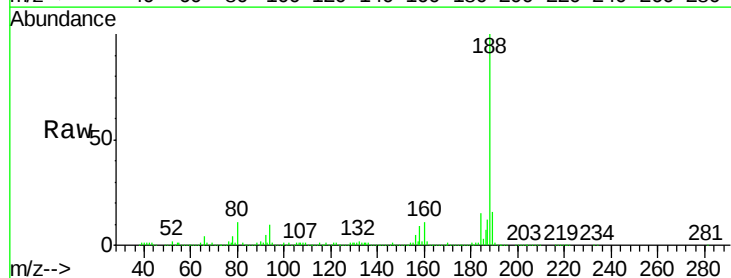
Tgt Ion:188 Resp: 677803

Ion Ratio Lower Upper

188 100

94 10.0 10.0 15.0

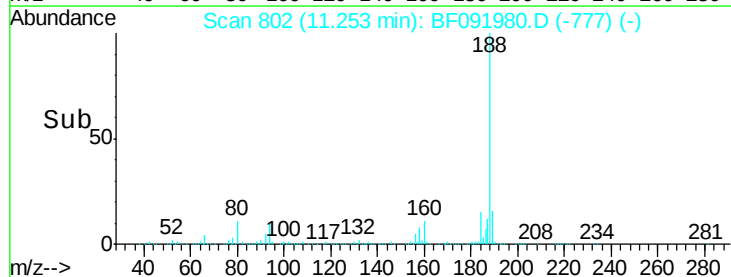
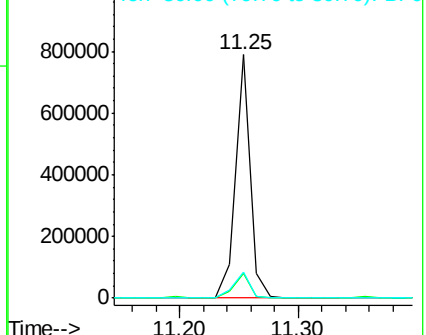
80 10.8 11.2 16.8#

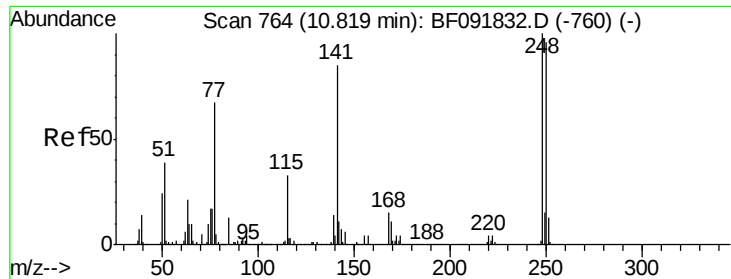


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

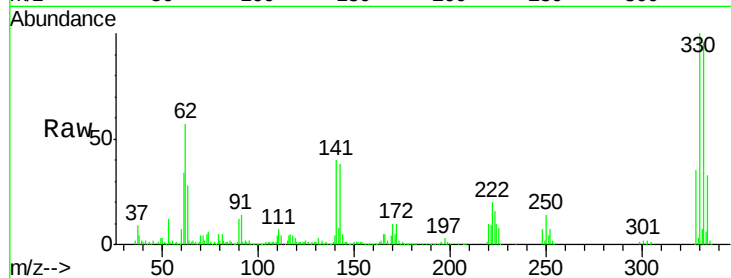




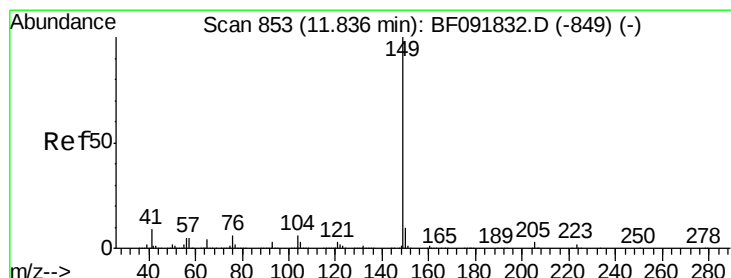
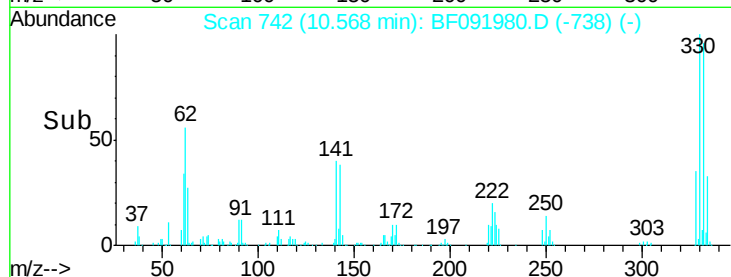
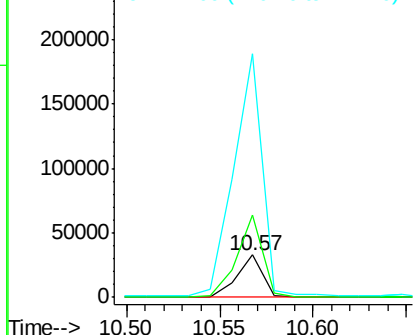
#66
 4-Bromophenyl-phenylether
 Concen: 4.52 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.25 min
 Lab File: BF091980.D
 Acq: 27 Dec 2016 21:04

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22

Tgt Ion:248 Resp: 31844
 Ion Ratio Lower Upper
 248 100
 250 195.8 76.9 115.3#
 141 578.1 68.2 102.4#

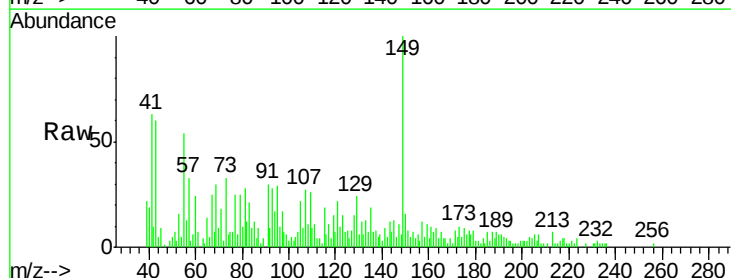


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

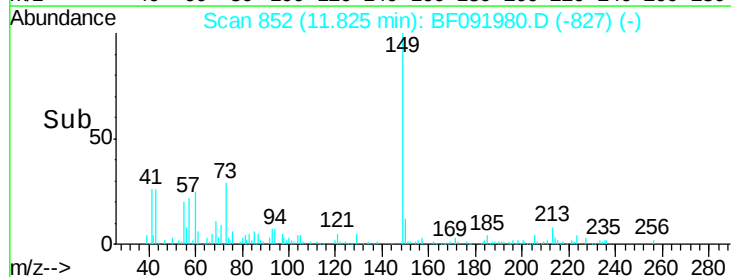
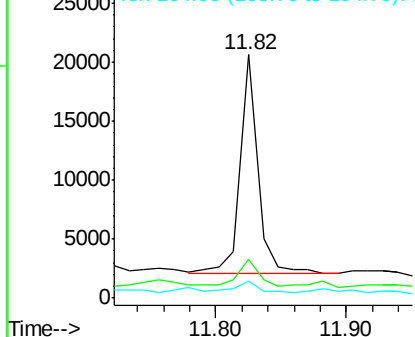


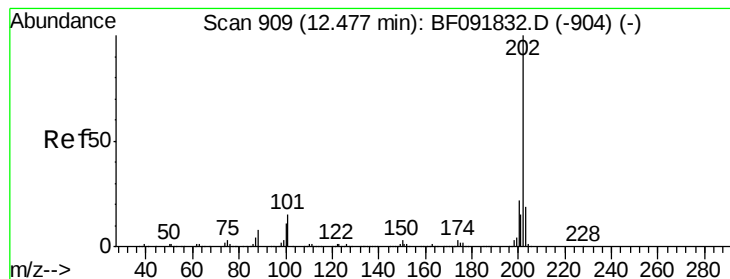
#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 11.82 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BF091980.D
 Acq: 27 Dec 2016 21:04

Tgt Ion:149 Resp: 17312
 Ion Ratio Lower Upper
 149 100
 150 15.9 8.1 12.1#
 104 7.1 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 12.46 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091980.D

Acq: 27 Dec 2016 21:04

Instrument :

BNA_F

ClientSampled :

LIP-22

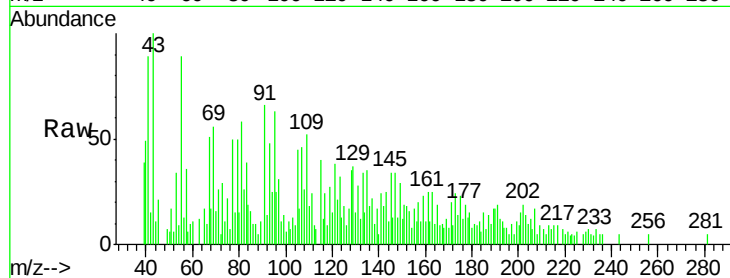
Tgt Ion:202 Resp: 1577

Ion Ratio Lower Upper

202 100

101 56.1 0.0 34.6#

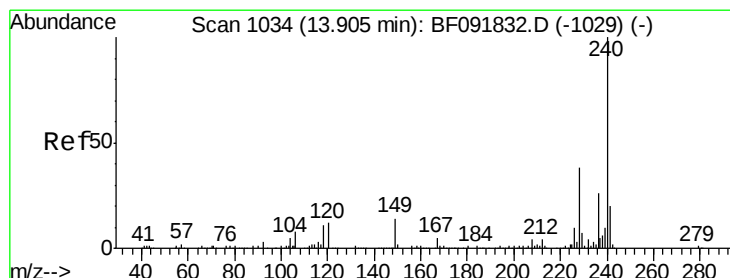
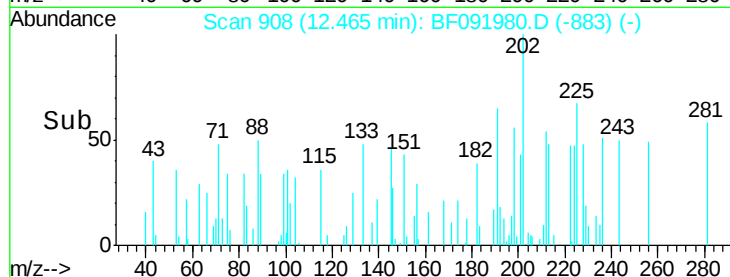
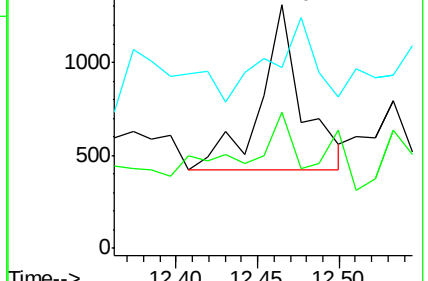
203 74.3 0.0 38.7#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091980.D

Acq: 27 Dec 2016 21:04

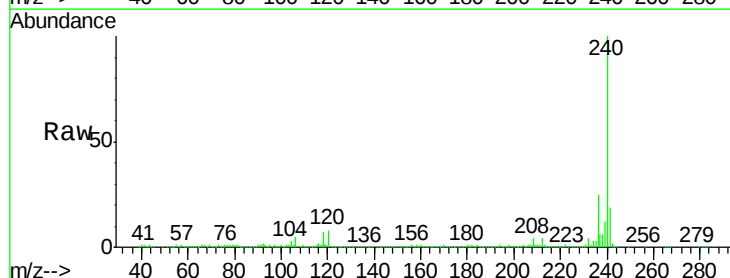
Tgt Ion:240 Resp: 523595

Ion Ratio Lower Upper

240 100

120 8.2 12.9 19.3#

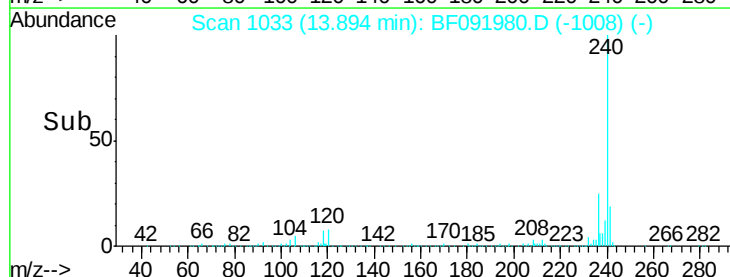
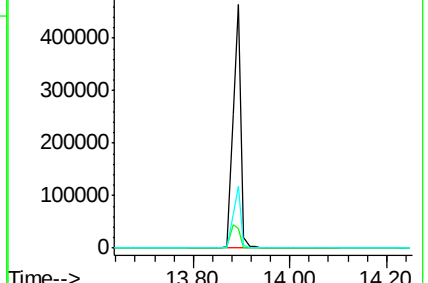
236 25.3 20.9 31.3

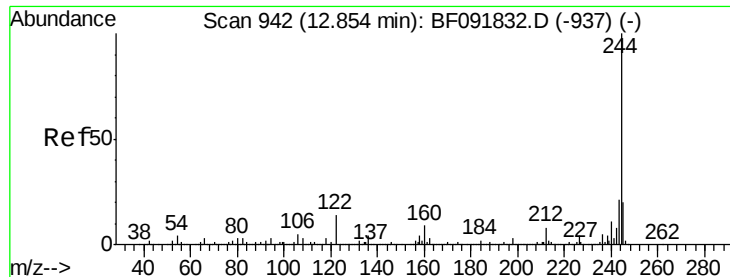


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.08 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091980.D

Acq: 27 Dec 2016 21:04

Instrument :

BNA_F

ClientSampleId :

LIP-22

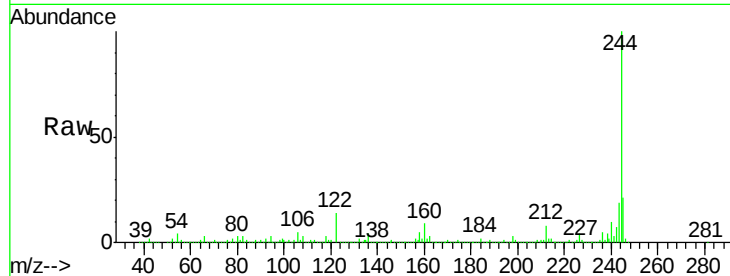
Tgt Ion:244 Resp: 1880078

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

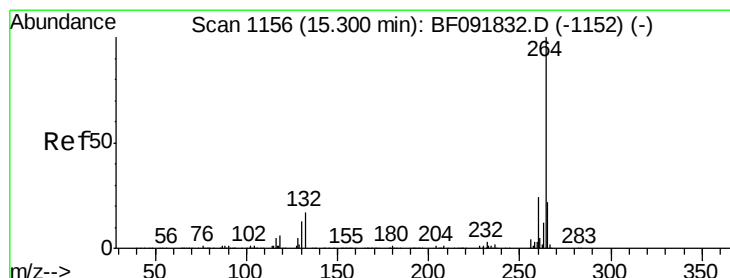
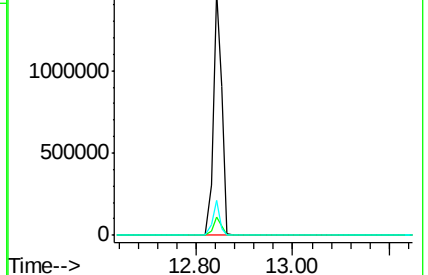
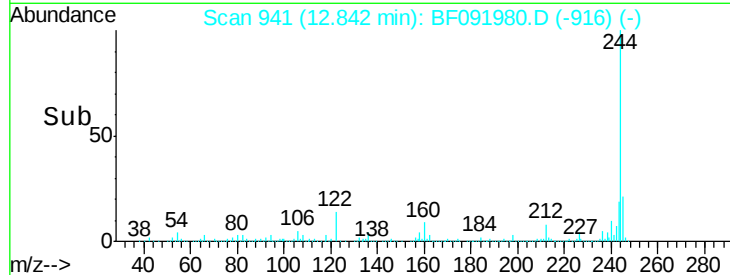
122 14.1 11.4 17.2



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

Perylene-d12

Concen: 20.00 ng

RT: 15.29 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF091980.D

Acq: 27 Dec 2016 21:04

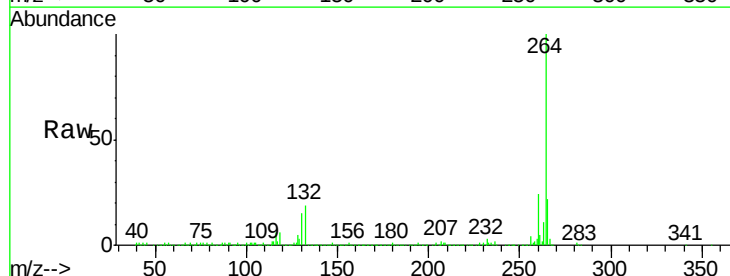
Tgt Ion:264 Resp: 402708

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.5 17.4 26.0



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

