

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122716\
 Data File : BF091978.D
 Acq On : 27 Dec 2016 20:08
 Operator : UM/SJ
 Sample : H6244-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6

Quant Time: Dec 28 00:01:19 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

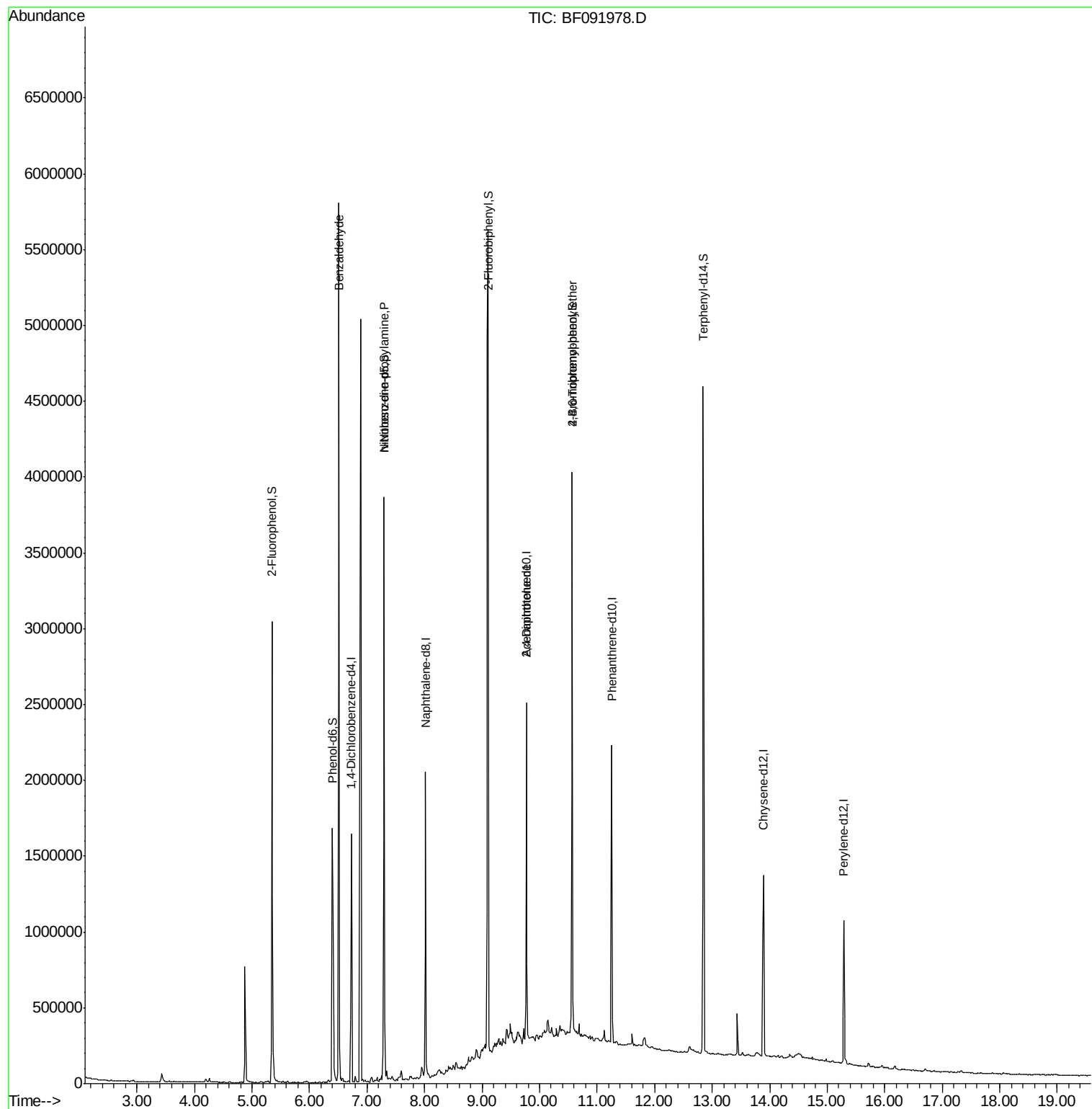
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	248209	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	1035615	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	478310	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	700305	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	546391	20.00	ng	-0.01
86) Perylene-d12	15.29	264	412162	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	979452	65.89	ng	0.00
7) Phenol-d6	6.40	99	804606	44.33	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1476277	79.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	453540	114.58	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2614172	116.81	ng	-0.01
78) Terphenyl-d14	12.84	244	1931012	85.71	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.51	77	42077	2.88	ng	# 71
19) n-Nitroso-di-n-propylamine	7.30	70	200256	16.59	ng	# 76
37) 2-Methylnaphthalene	8.73	142	591	Below Cal	#	6
56) 2,4-Dinitrotoluene	9.77	165	65065	7.74	ng	# 21
66) 4-Bromophenyl-phenylether	10.57	248	31502	4.32	ng	# 1
71) Anthracene	11.33	178	1920	Below Cal	#	9
73) Di-n-butylphthalate	11.83	149	10848	Below Cal	#	86
74) Fluoranthene	12.47	202	1081	Below Cal	#	1

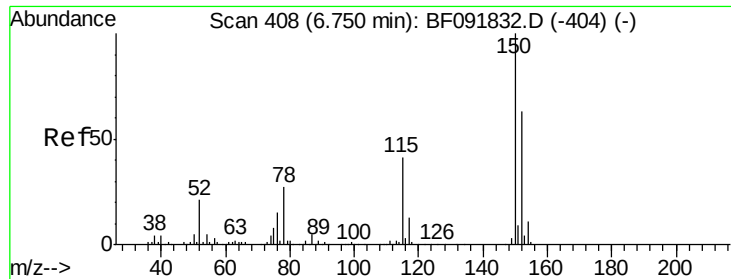
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091978.D

Acq: 27 Dec 2016 20:08

Instrument :

BNA_F

ClientSampleId :

PZ-6

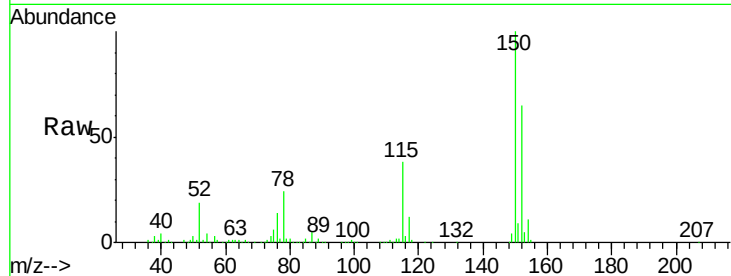
Tgt Ion:152 Resp: 248209

Ion Ratio Lower Upper

152 100

150 153.9 124.9 187.3

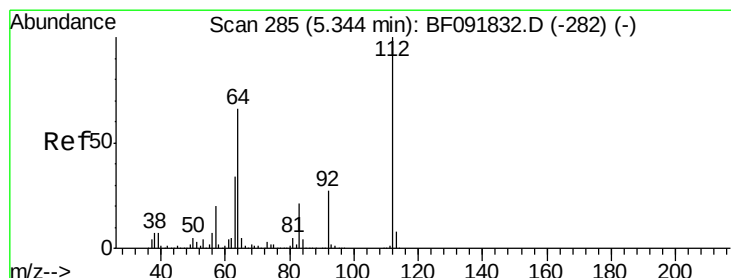
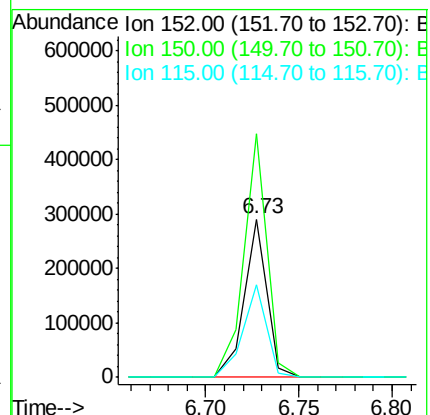
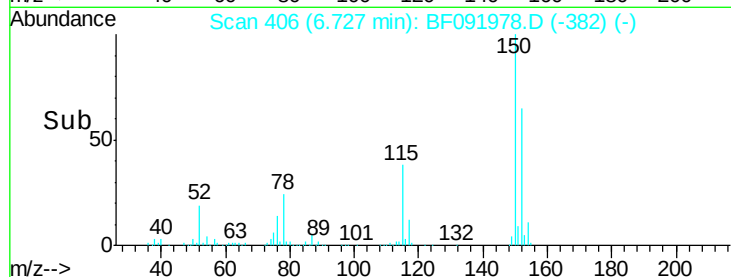
115 58.5 46.0 69.0



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: 65.89 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF091978.D

Acq: 27 Dec 2016 20:08

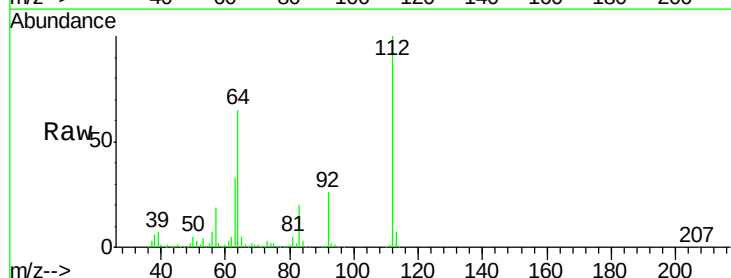
Tgt Ion:112 Resp: 979452

Ion Ratio Lower Upper

112 100

64 64.6 46.1 69.1

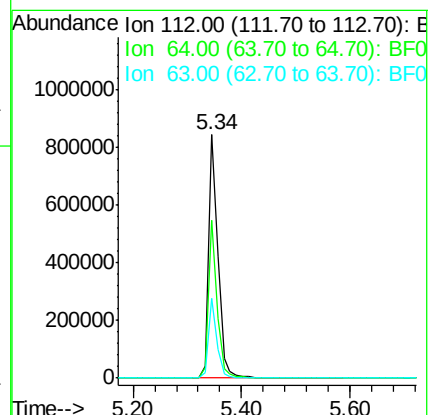
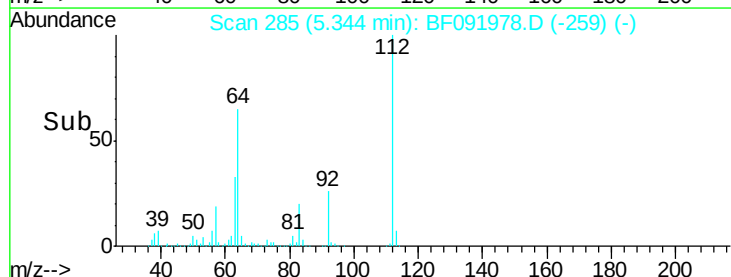
63 32.7 23.8 35.6

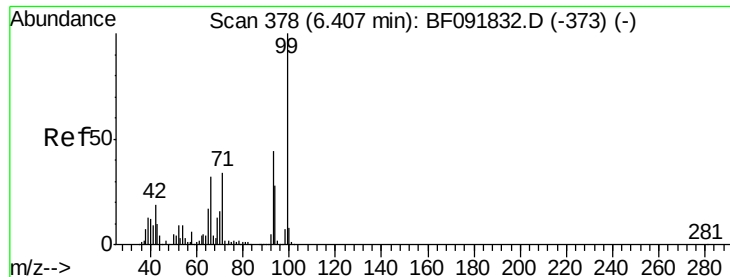


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.33 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091978.D

Acq: 27 Dec 2016 20:08

Instrument :

BNA_F

ClientSampleId :

PZ-6

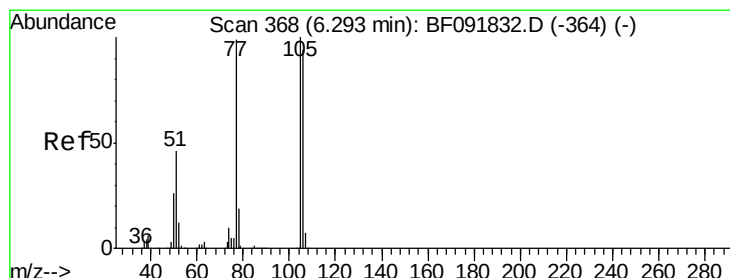
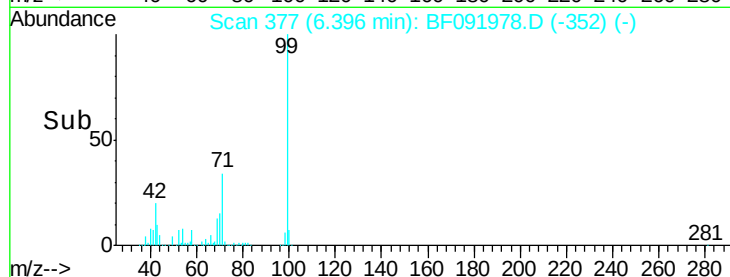
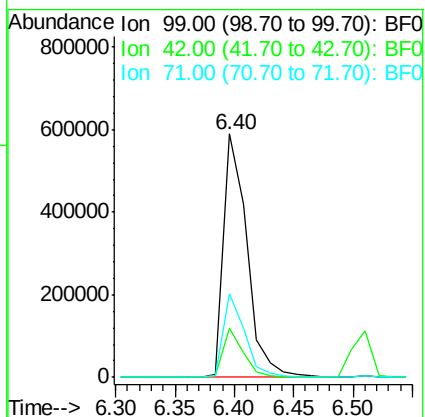
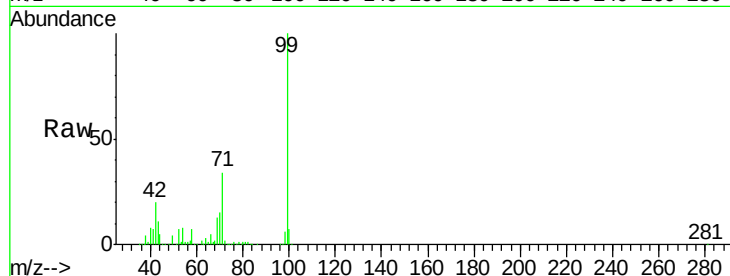
Tgt Ion: 99 Resp: 804606

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

71 34.2 27.5 41.3



#9

Benzaldehyde

Concen: 2.88 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.22 min

Lab File: BF091978.D

Acq: 27 Dec 2016 20:08

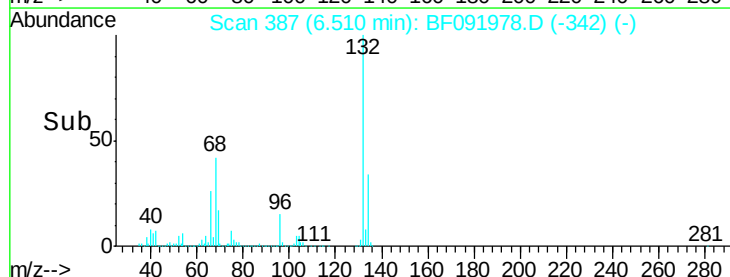
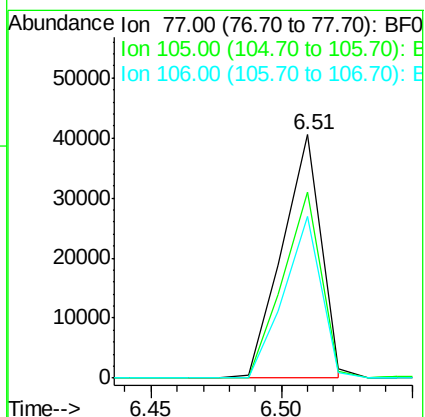
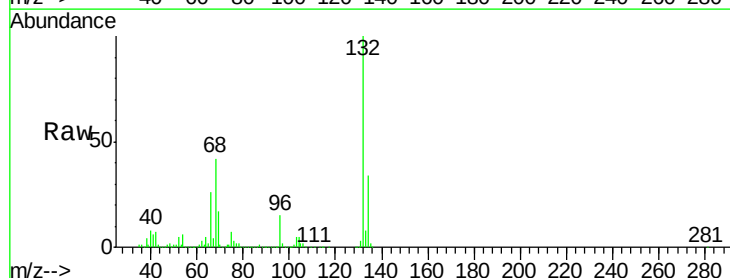
Tgt Ion: 77 Resp: 42077

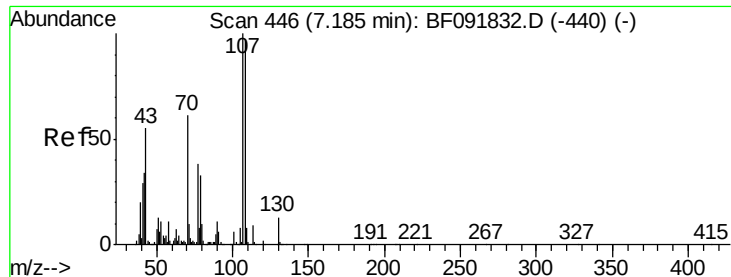
Ion Ratio Lower Upper

77 100

105 76.5 83.9 123.9#

106 66.5 77.6 117.6#

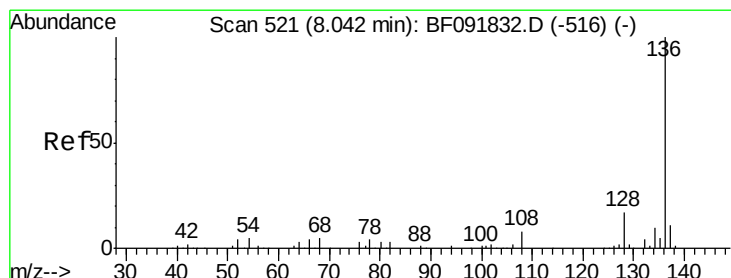
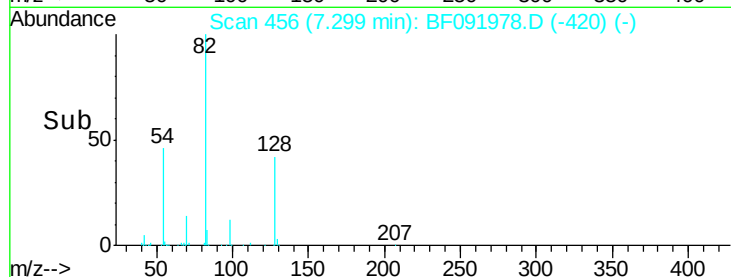
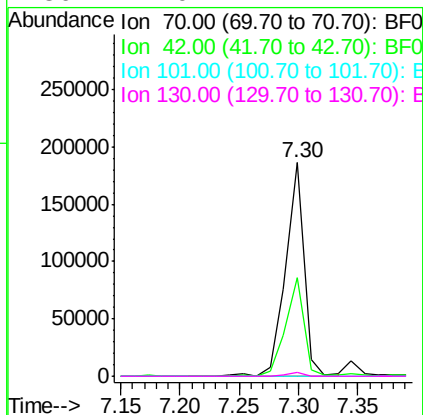
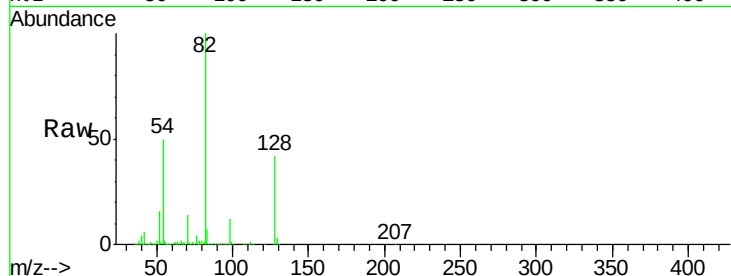




#19
n-Nitroso-di-n-propylamine
Concen: 16.59 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.11 min
Lab File: BF091978.D
Acq: 27 Dec 2016 20:08

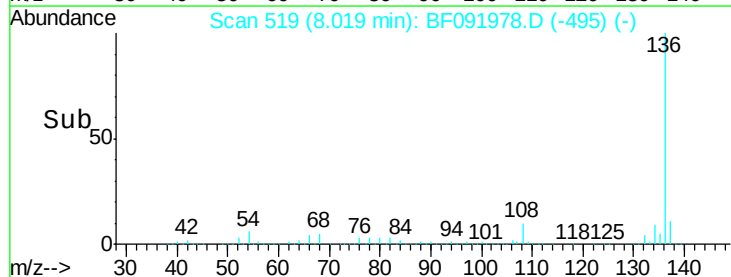
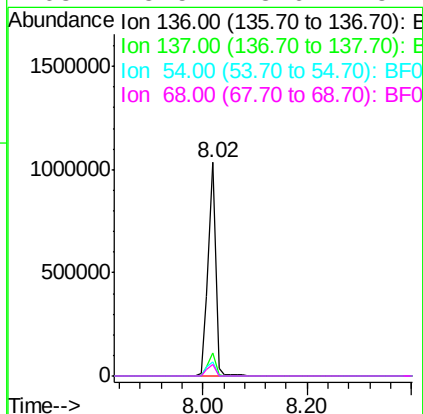
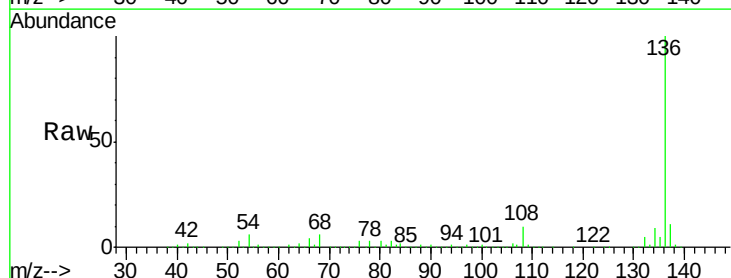
Instrument :
BNA_F
ClientSampled :
PZ-6

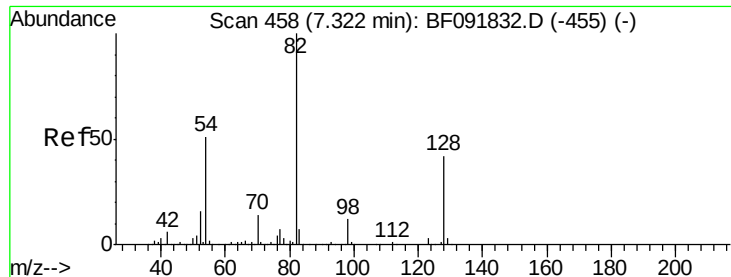
Tgt Ion:	70	Resp:	200256
Ion	Ratio	Lower	Upper
70	100		
42	46.3	49.4	74.0#
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091978.D
Acq: 27 Dec 2016 20:08

Tgt Ion:	136	Resp:	1035615
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	6.4	4.5	6.7
68	5.5	3.6	5.4#

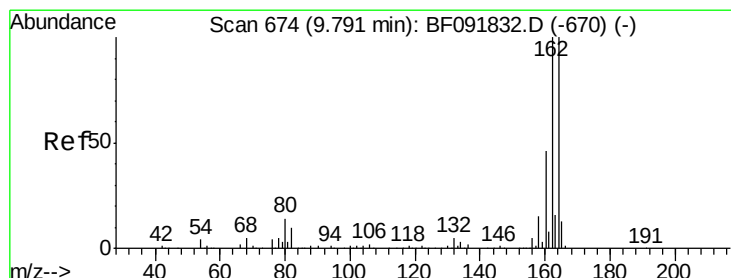
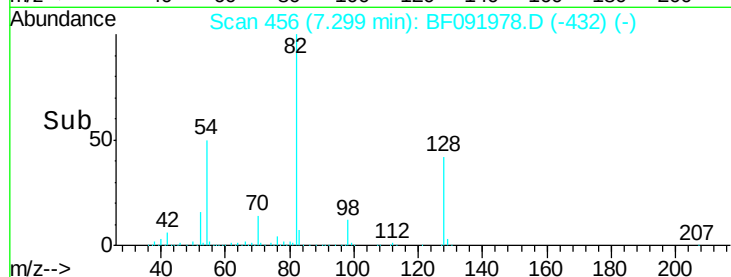
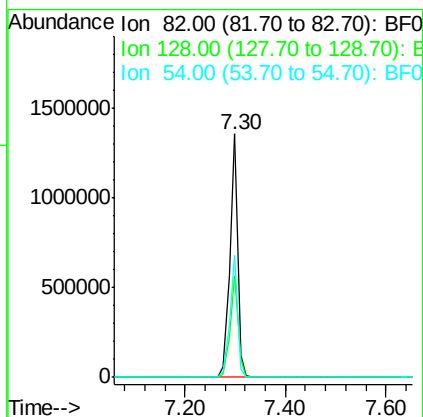
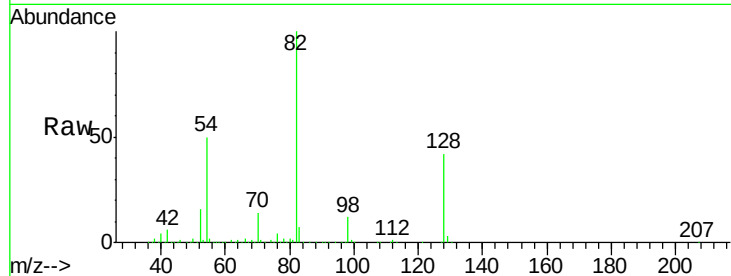




#23
 Nitrobenzene-d5
 Concen: 79.27 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF091978.D
 Acq: 27 Dec 2016 20:08

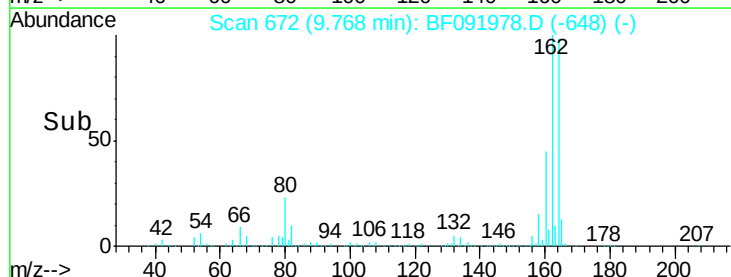
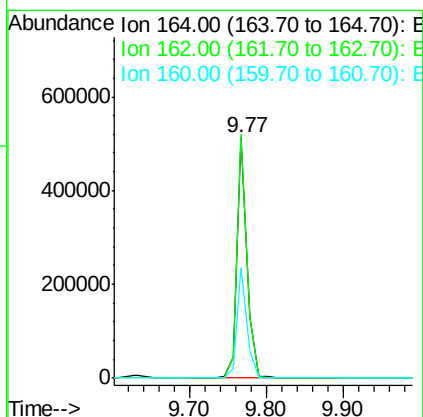
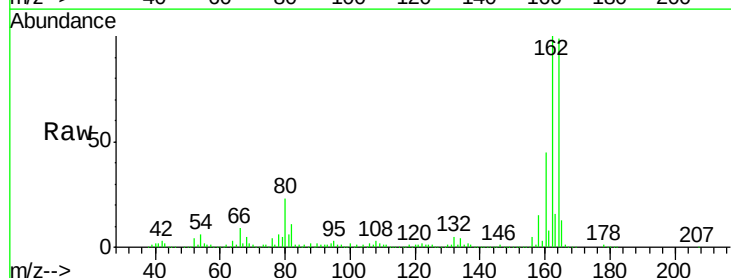
Instrument :
 BNA_F
 ClientSampleId :
 PZ-6

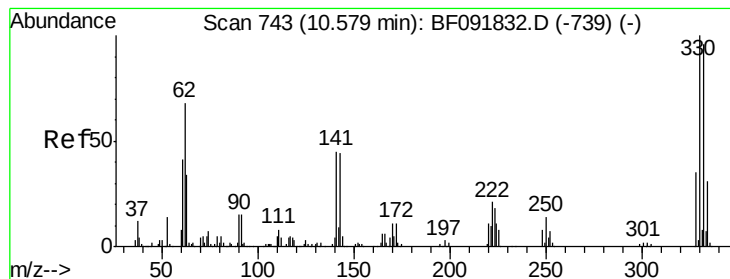
Tgt Ion: 82 Resp: 1476277
 Ion Ratio Lower Upper
 82 100
 128 41.9 34.6 52.0
 54 50.0 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.02 min
 Lab File: BF091978.D
 Acq: 27 Dec 2016 20:08

Tgt Ion: 164 Resp: 478310
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.2 120.2
 160 45.7 36.9 55.3

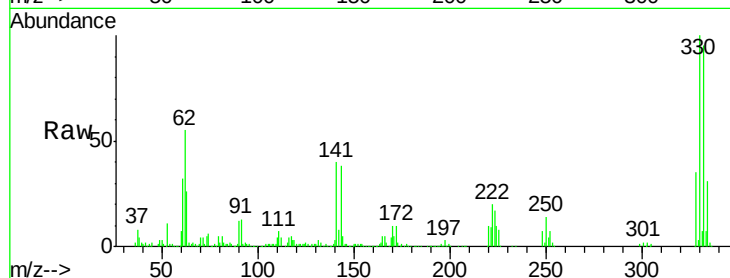




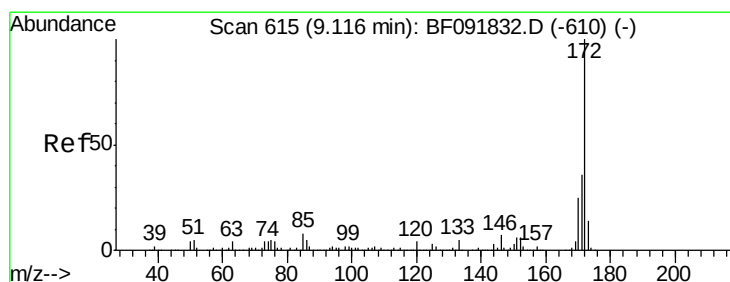
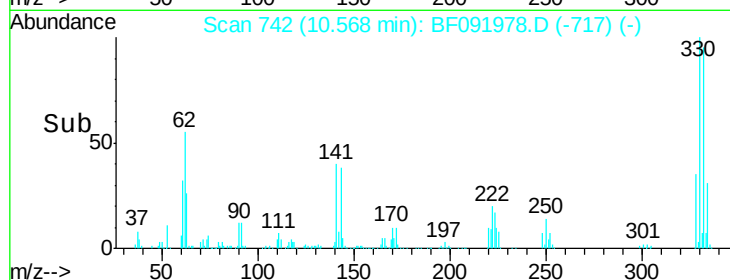
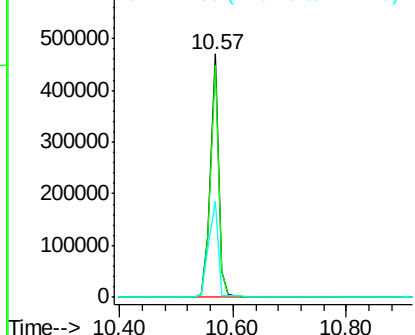
#41
 2,4,6-Tribromophenol
 Concen: 114.58 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091978.D
 Acq: 27 Dec 2016 20:08

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6

Tgt Ion:330 Resp: 453540
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 44.3 34.1 51.1

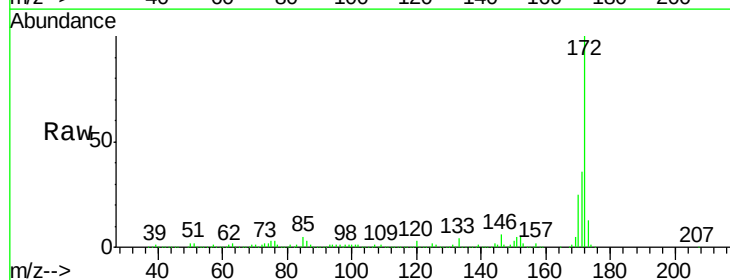


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

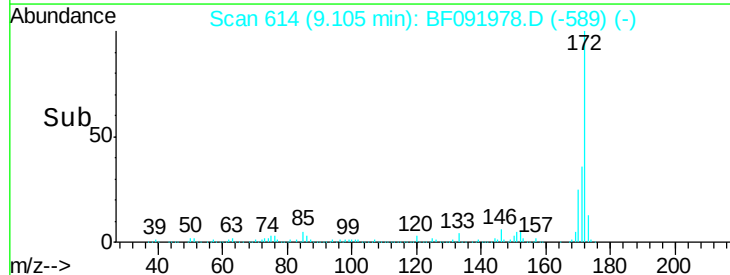
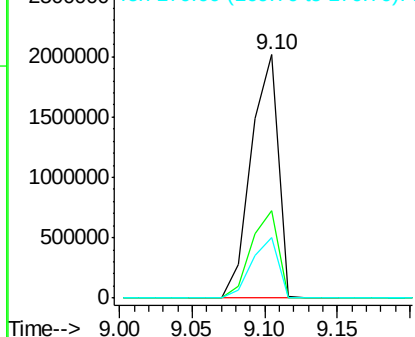


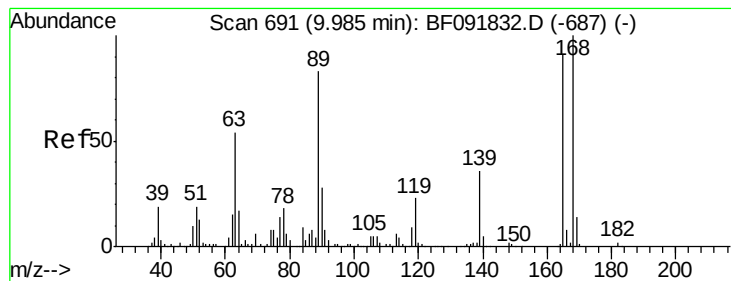
#44
 2-Fluorobiphenyl
 Concen: 116.81 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091978.D
 Acq: 27 Dec 2016 20:08

Tgt Ion:172 Resp: 2614172
 Ion Ratio Lower Upper
 172 100
 171 36.0 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

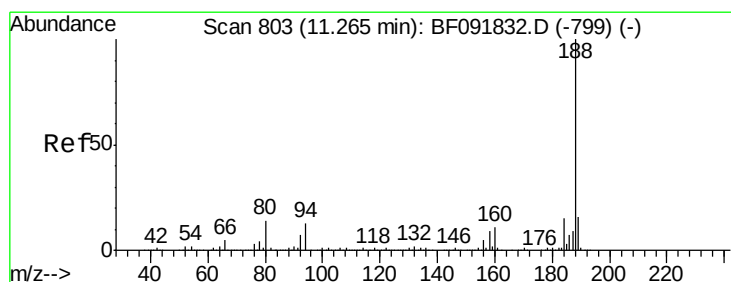
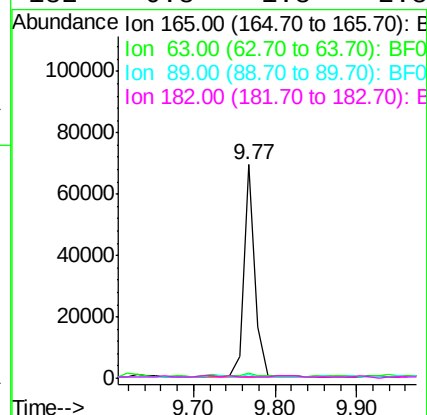
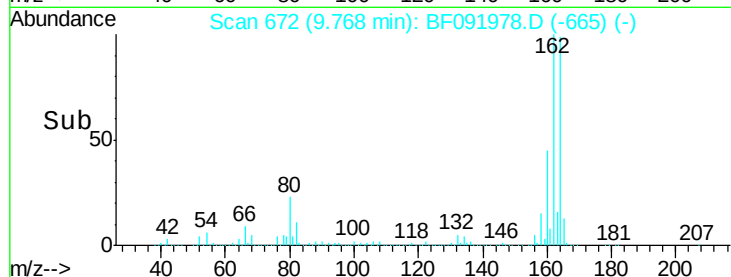
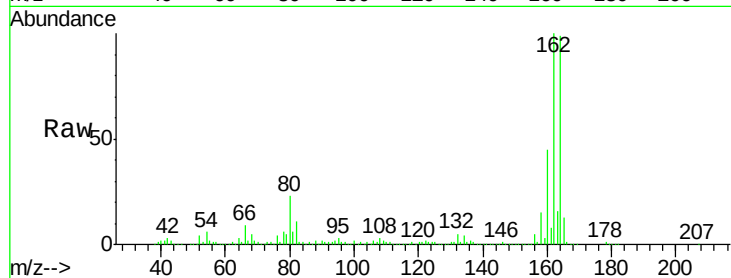




#56
 2,4-Dinitrotoluene
 Concen: 7.74 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.22 min
 Lab File: BF091978.D
 Acq: 27 Dec 2016 20:08

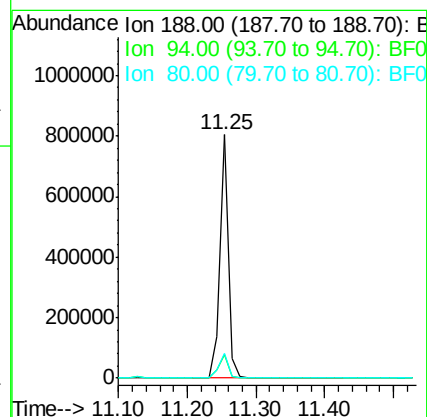
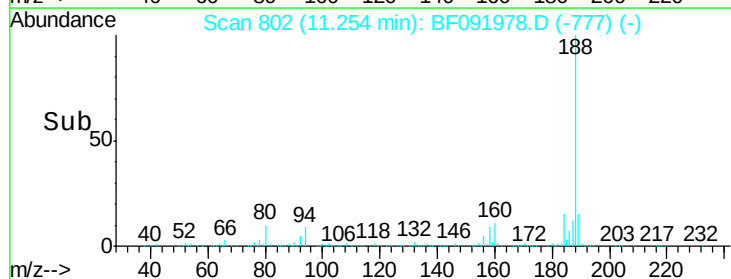
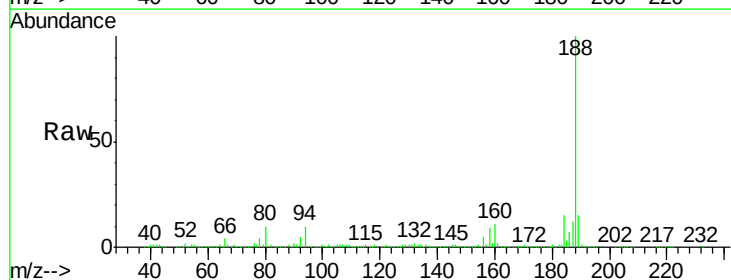
Instrument :
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 ClientSampled :
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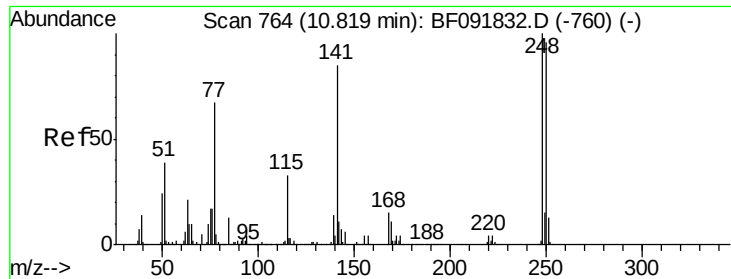
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	40.2	60.4#
89	1.7	62.5	93.7#
182	0.8	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF091978.D
 Acq: 27 Dec 2016 20:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	10.0	15.0#
80	10.4	11.2	16.8#





#66

4-Bromophenyl-phenylether

Concen: 4.32 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.25 min

Lab File: BF091978.D

Acq: 27 Dec 2016 20:08

Instrument :

BNA_F

ClientSampleId :

PZ-6

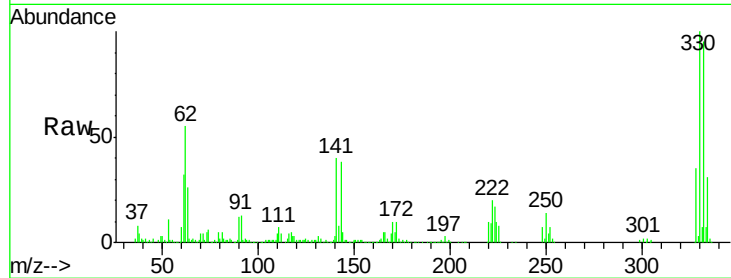
Tgt Ion:248 Resp: 31502

Ion Ratio Lower Upper

248 100

250 194.5 76.9 115.3#

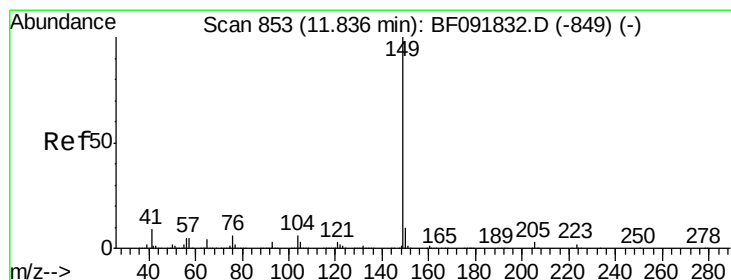
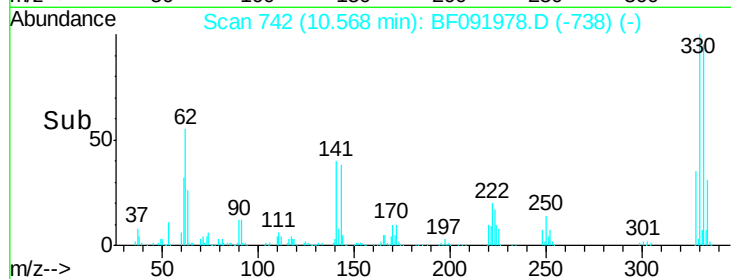
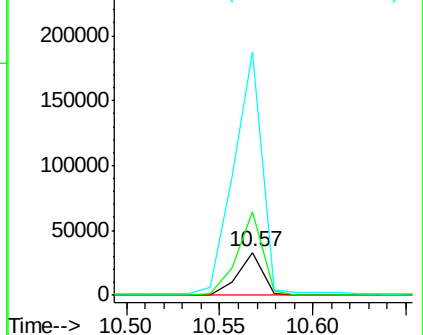
141 565.3 68.2 102.4#



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: 11.83 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091978.D

Acq: 27 Dec 2016 20:08

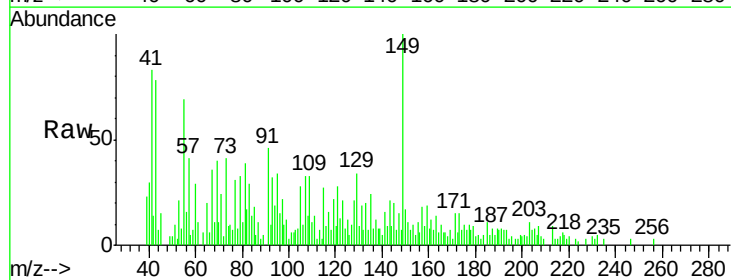
Tgt Ion:149 Resp: 10848

Ion Ratio Lower Upper

149 100

150 16.8 8.1 12.1#

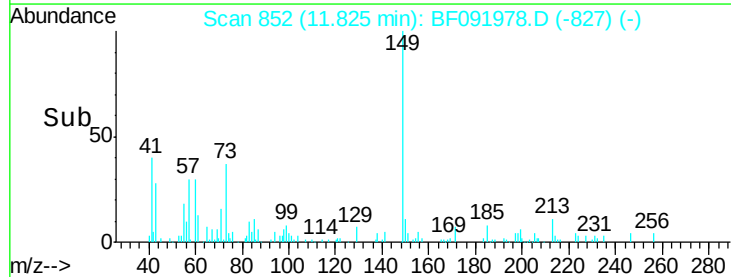
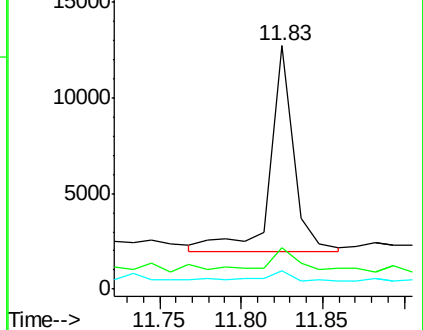
104 7.8 4.6 7.0#

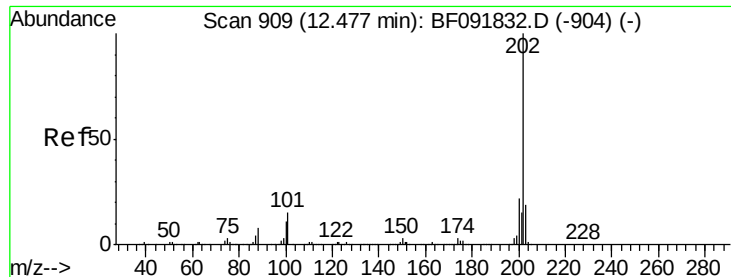


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 12.47 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091978.D

Acq: 27 Dec 2016 20:08

Instrument :

BNA_F

ClientSampleId :

PZ-6

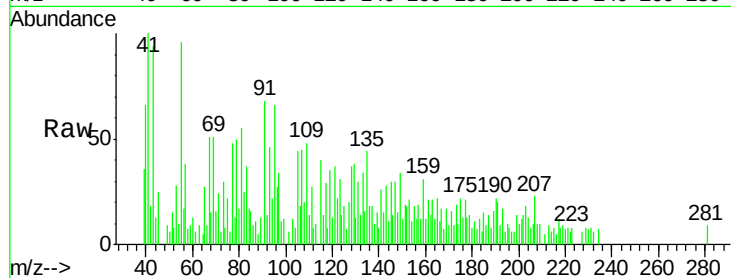
Tgt Ion:202 Resp: 1081

Ion Ratio Lower Upper

202 100

101 43.6 0.0 34.6#

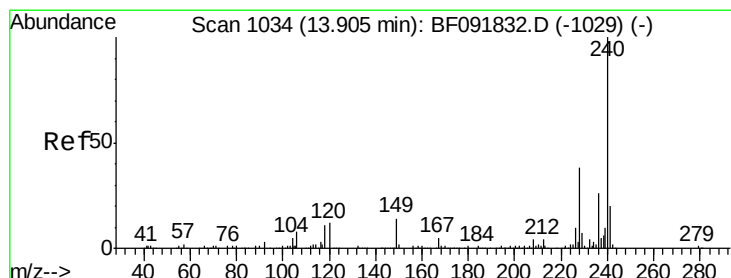
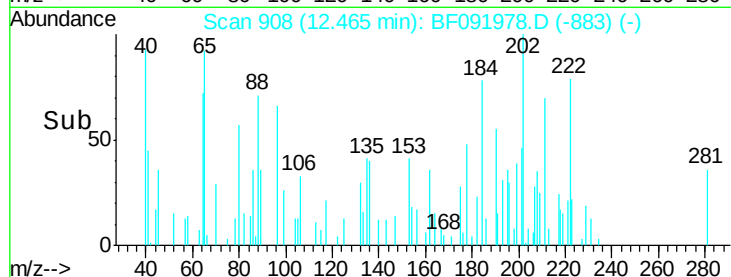
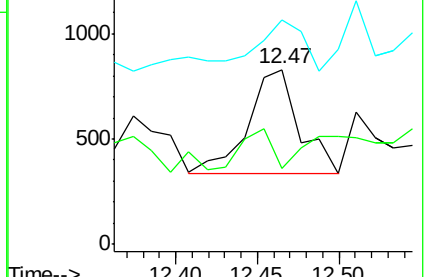
203 128.1 0.0 38.7#



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: BF091978.D

Acq: 27 Dec 2016 20:08

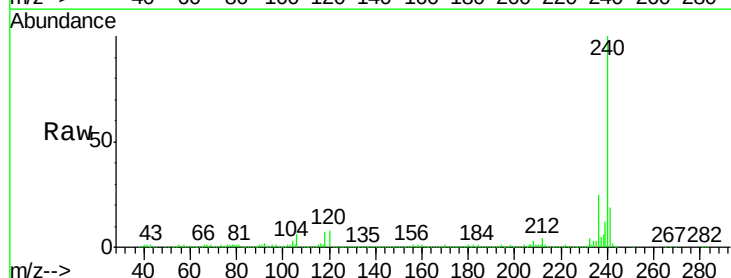
Tgt Ion:240 Resp: 546391

Ion Ratio Lower Upper

240 100

120 8.3 12.9 19.3#

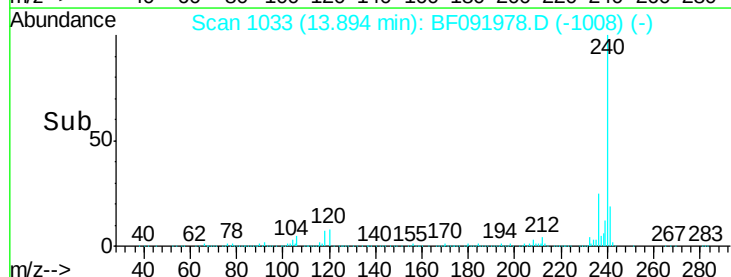
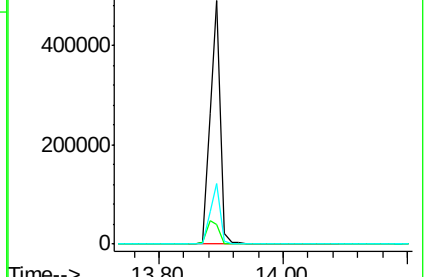
236 24.7 20.9 31.3

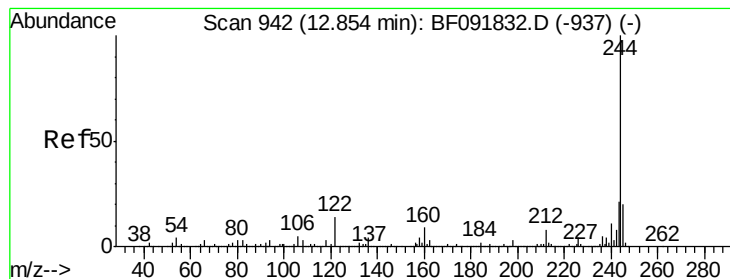


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.71 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091978.D

Acq: 27 Dec 2016 20:08

Instrument :

BNA_F

ClientSampleId :

PZ-6

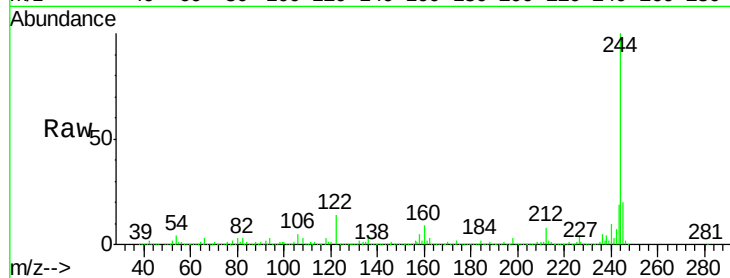
Tgt Ion:244 Resp: 1931012

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

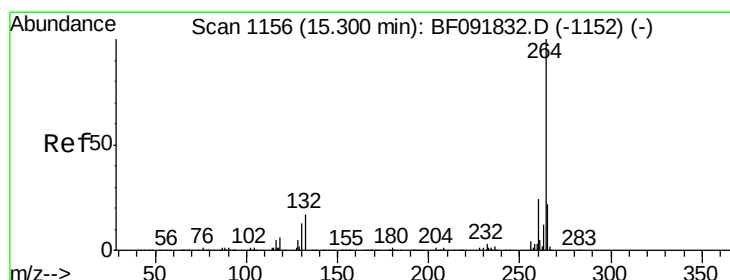
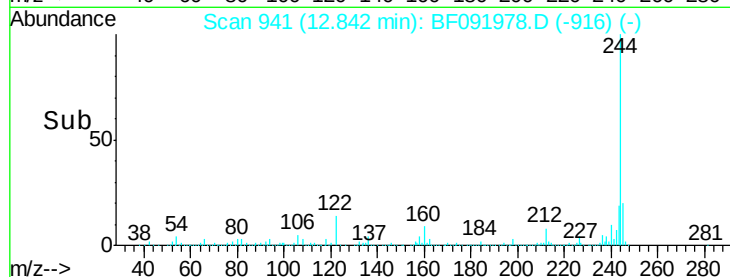
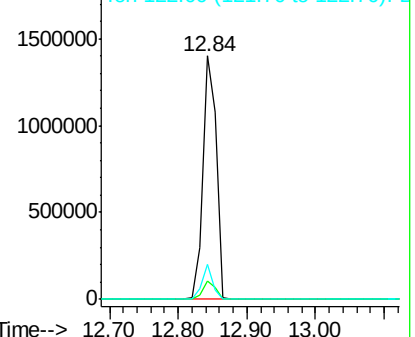
122 14.4 11.4 17.2



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: BF091978.D

Acq: 27 Dec 2016 20:08

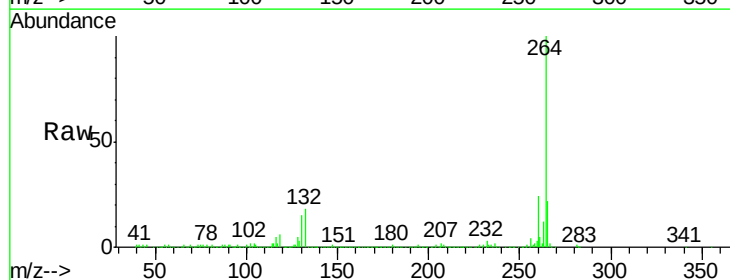
Tgt Ion:264 Resp: 412162

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.3 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

