

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122716\
 Data File : BF091977.D
 Acq On : 27 Dec 2016 19:40
 Operator : UM/SJ
 Sample : H6244-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Dec 28 00:01:04 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

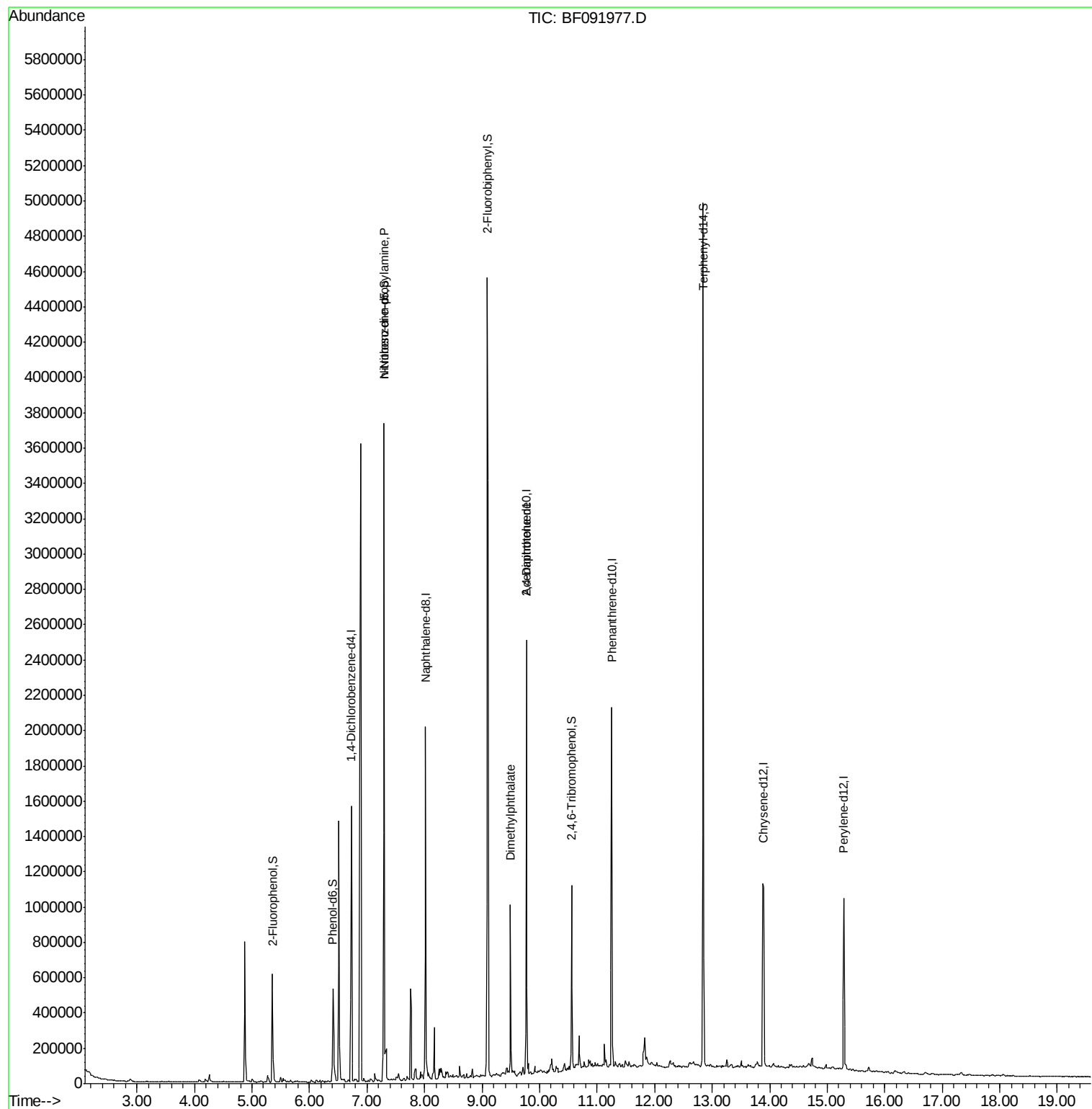
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	245419	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	986318	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	509518	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	752049	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	544756	20.00	ng	-0.01
86) Perylene-d12	15.29	264	422207	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	281440	19.15	ng	0.01
7) Phenol-d6	6.41	99	228693	12.74	ng	0.00
23) Nitrobenzene-d5	7.30	82	1337147	75.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	133055	31.55	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	2075537	83.19	ng	-0.02
78) Terphenyl-d14	12.84	244	1519524	67.65	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.27	77	1666	Below Cal		Qvalue 97
19) n-Nitroso-di-n-propylamine	7.30	70	180510	15.12 ng	#	77
37) 2-Methylnaphthalene	8.83	142	11079	Below Cal		95
49) Dimethylphthalate	9.49	163	358904	11.01 ng		99
56) 2,4-Dinitrotoluene	9.77	165	67295	7.52 ng	#	20
71) Anthracene	11.28	178	9375	Below Cal		96
73) Di-n-butylphthalate	11.82	149	52788	Below Cal	#	97
74) Fluoranthene	12.46	202	3727	Below Cal		85
76) Benzydine	12.62	184	771	Below Cal	#	1

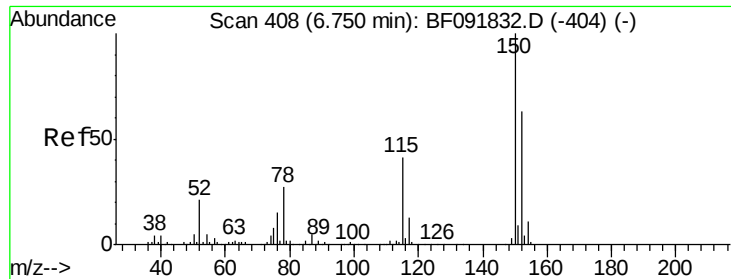
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091977.D

Acq: 27 Dec 2016 19:40

Instrument :

BNA_F

ClientSampleId :

MW-5

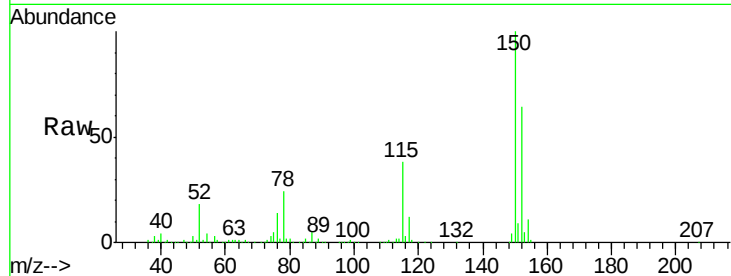
Tgt Ion:152 Resp: 245419

Ion Ratio Lower Upper

152 100

150 156.2 124.9 187.3

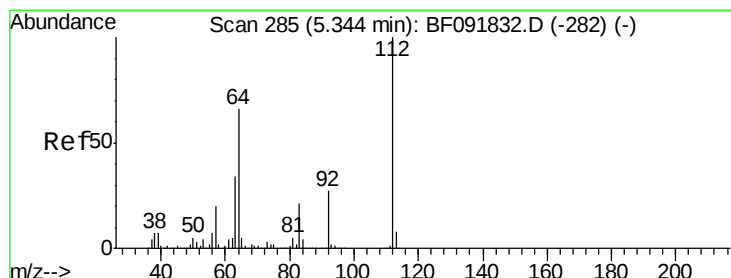
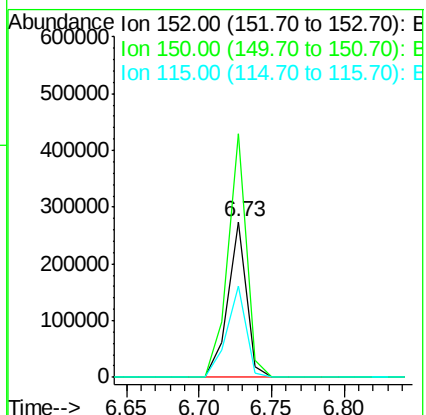
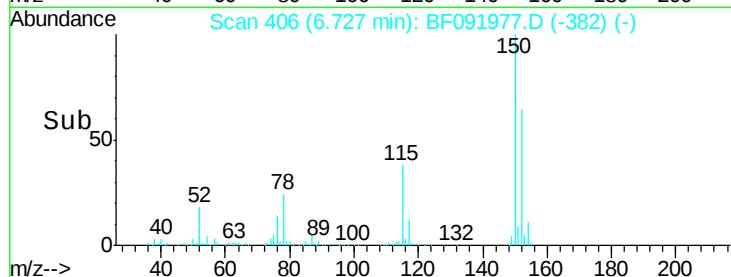
115 59.0 46.0 69.0



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: 19.15 ng

RT: 5.36 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF091977.D

Acq: 27 Dec 2016 19:40

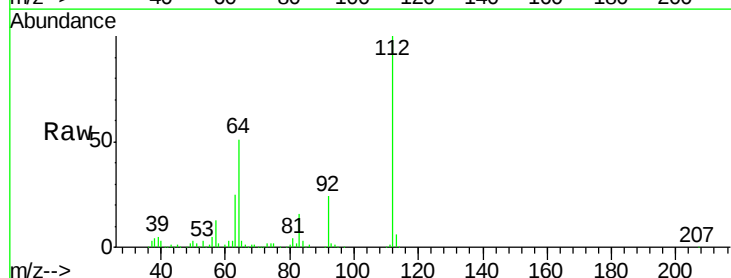
Tgt Ion:112 Resp: 281440

Ion Ratio Lower Upper

112 100

64 51.1 46.1 69.1

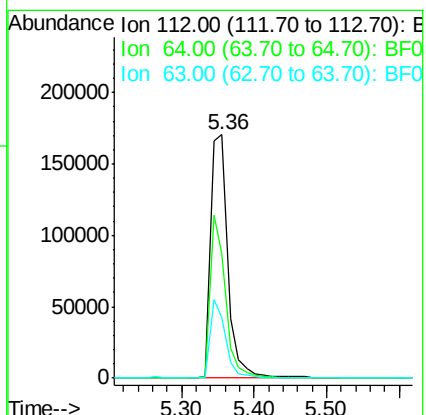
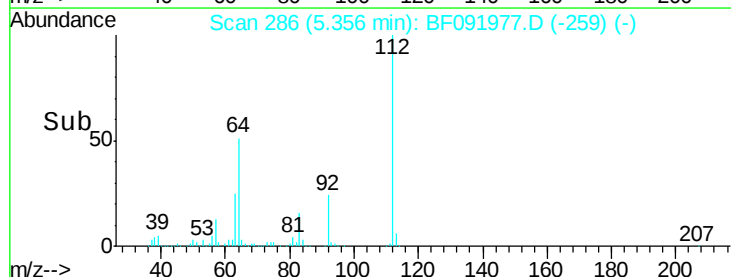
63 24.6 23.8 35.6

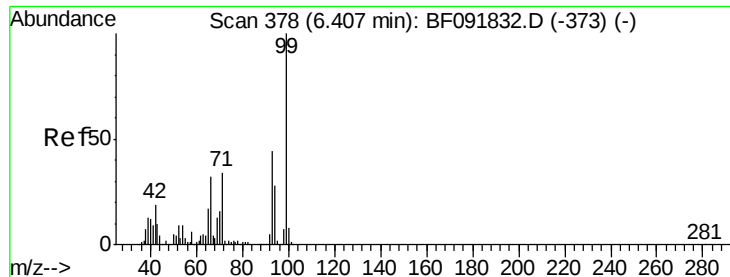


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 12.74 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF091977.D

Acq: 27 Dec 2016 19:40

Instrument :

BNA_F

ClientSampleId :

MW-5

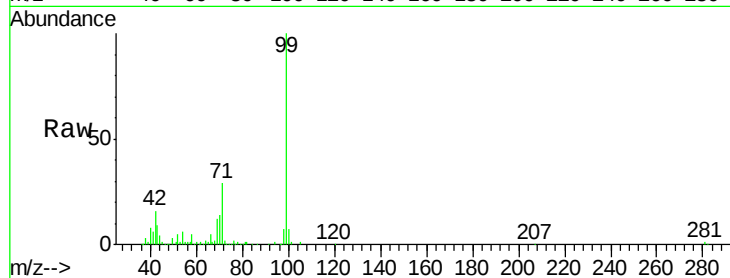
Tgt Ion: 99 Resp: 228693

Ion Ratio Lower Upper

99 100

42 16.4 15.6 23.4

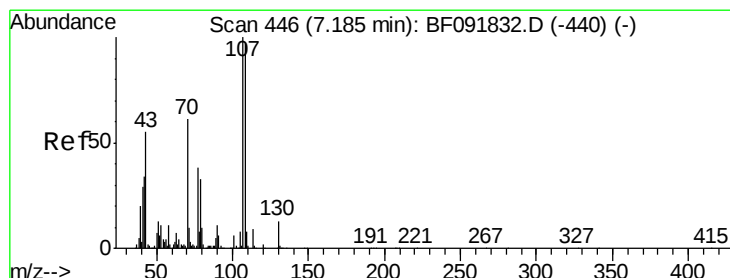
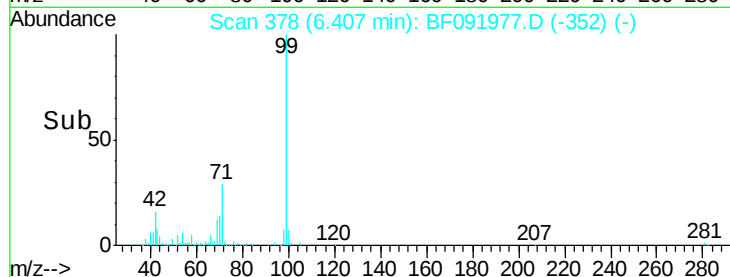
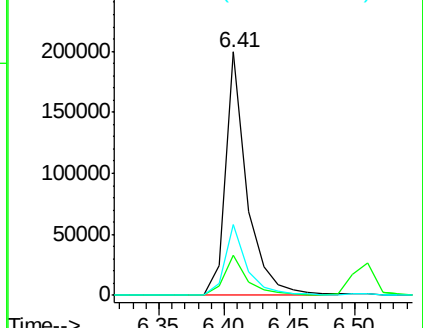
71 29.2 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.12 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.11 min

Lab File: BF091977.D

Acq: 27 Dec 2016 19:40

Tgt Ion: 70 Resp: 180510

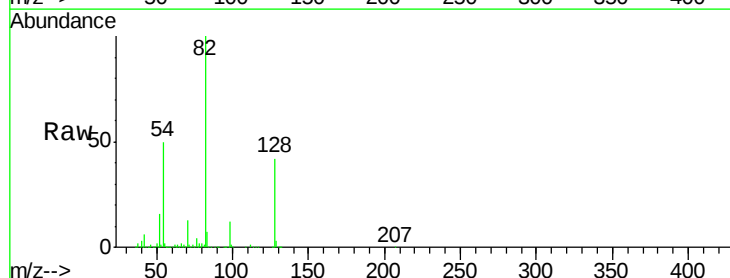
Ion Ratio Lower Upper

70 100

42 47.1 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

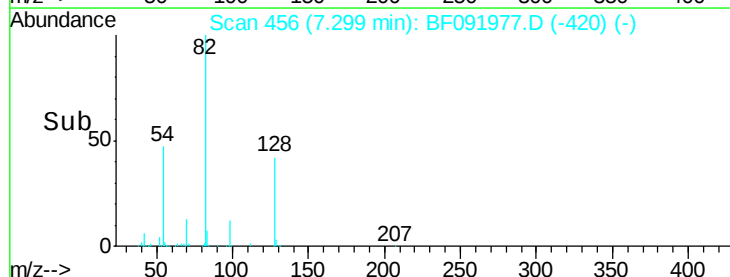
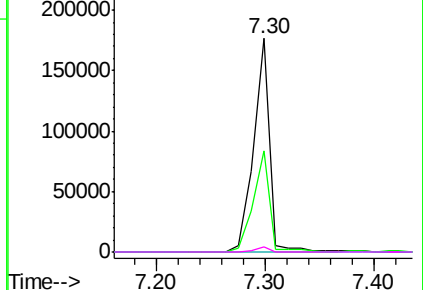


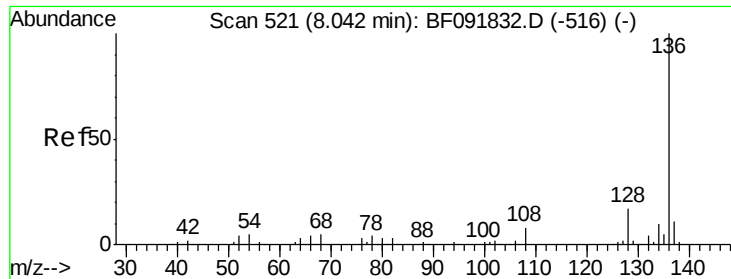
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

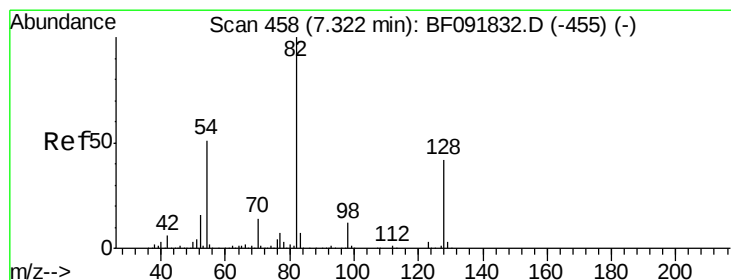
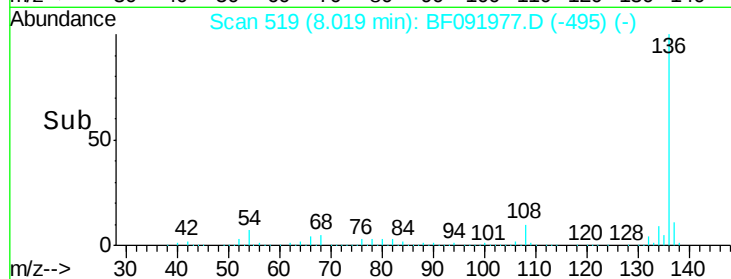
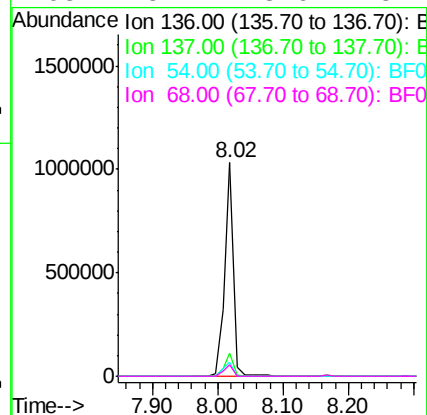
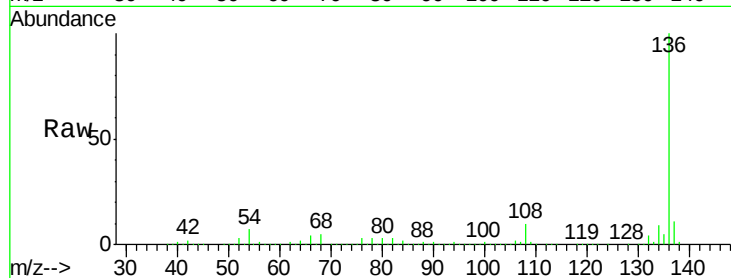




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091977.D
Acq: 27 Dec 2016 19:40

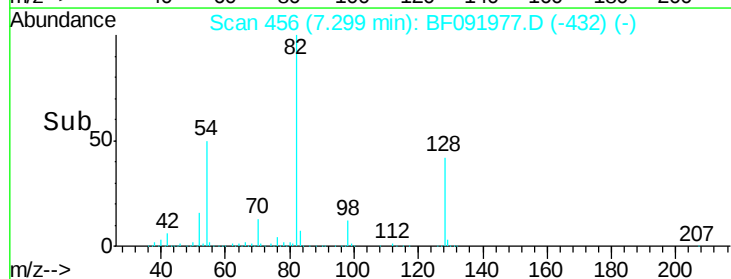
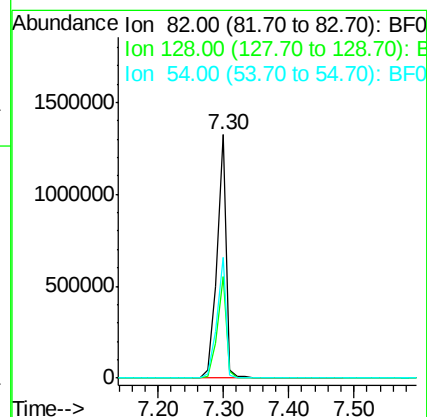
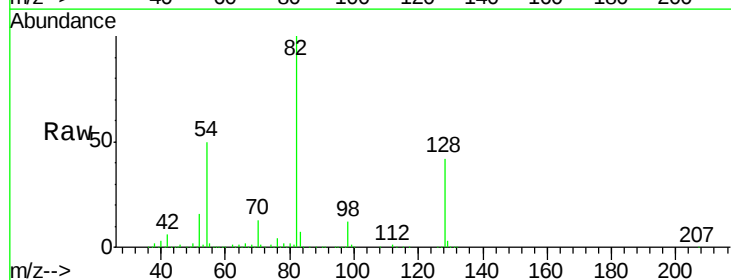
Instrument :
BNA_F
ClientSampleId :
MW-5

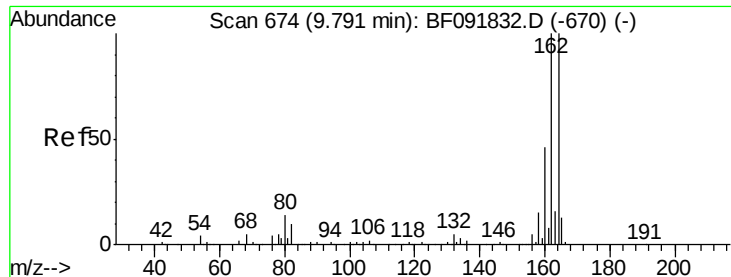
Tgt Ion:	136	Resp:	986318
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	6.6	4.5	6.7
68	5.4	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 75.38 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF091977.D
Acq: 27 Dec 2016 19:40

Tgt Ion:	82	Resp:	1337147
Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	52.0
54	49.6	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: BF091977.D

Acq: 27 Dec 2016 19:40

Instrument :

BNA_F

ClientSampleId :

MW-5

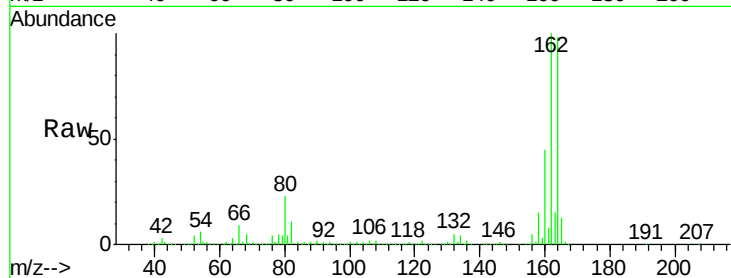
Tgt Ion:164 Resp: 509518

Ion Ratio Lower Upper

164 100

162 101.9 80.2 120.2

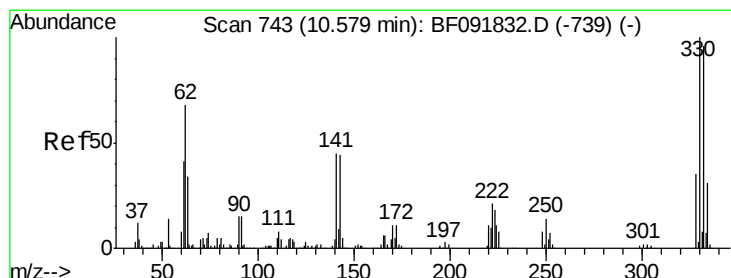
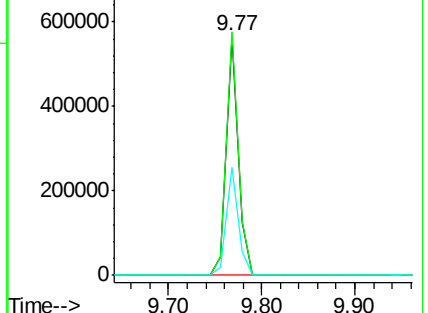
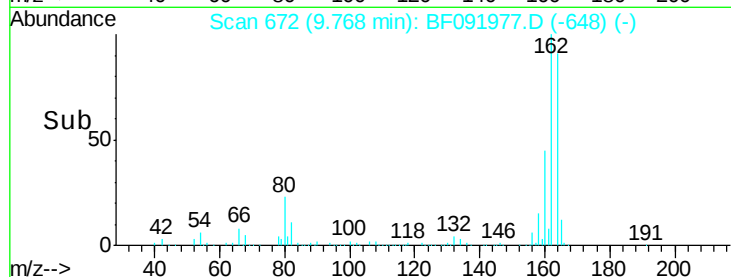
160 45.4 36.9 55.3



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: 31.55 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF091977.D

Acq: 27 Dec 2016 19:40

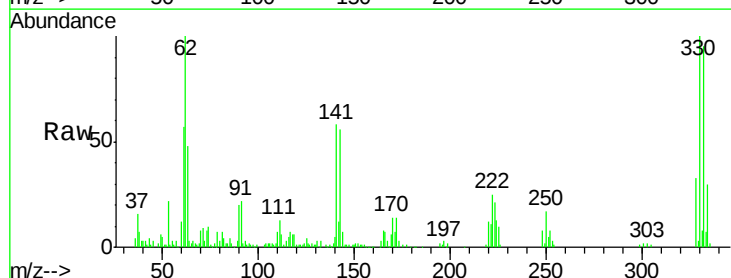
Tgt Ion:330 Resp: 133055

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

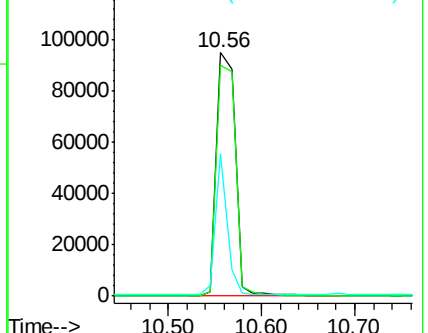
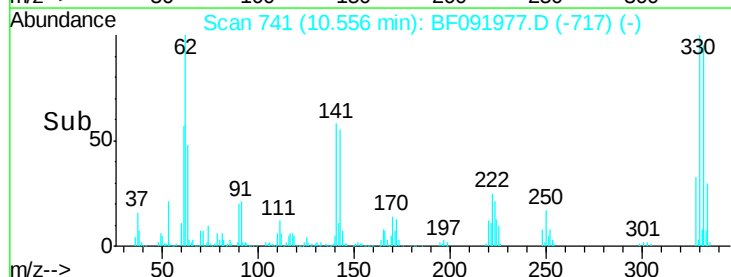
141 36.5 34.1 51.1

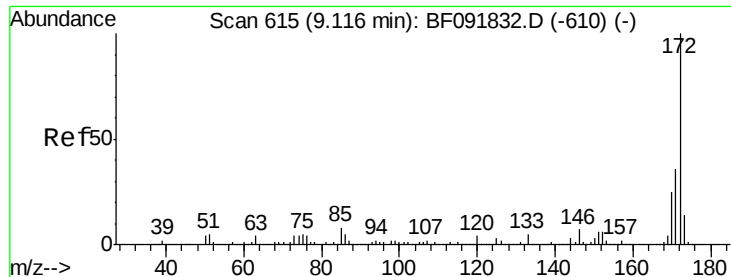


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



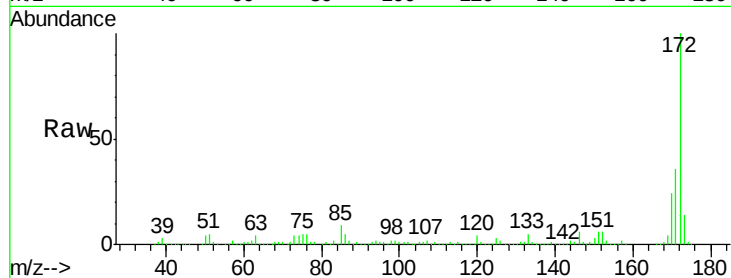


#44
 2-Fluorobiphenyl
 Concen: 83.19 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF091977.D
 Acq: 27 Dec 2016 19:40

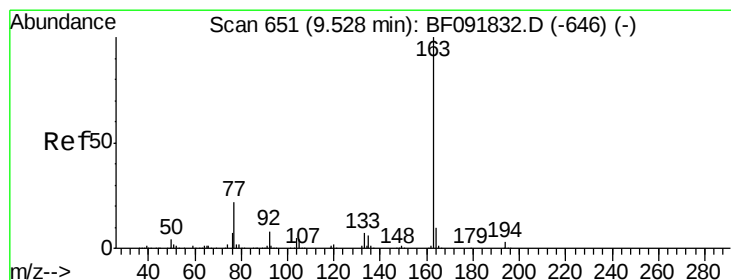
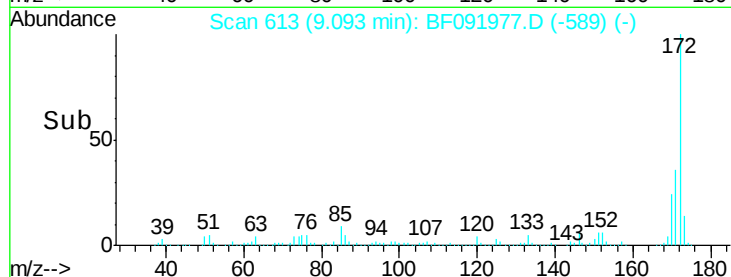
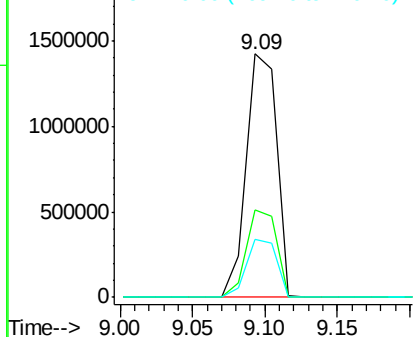
Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tgt Ion:172 Resp: 2075537

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	23.9	20.2	30.4



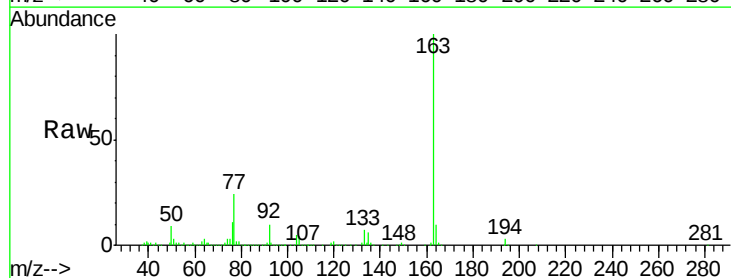
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



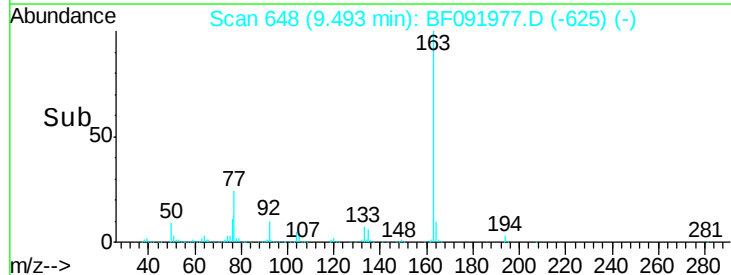
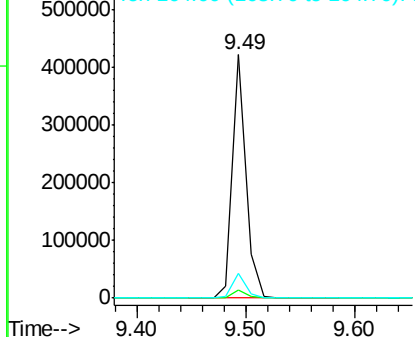
#49
 Dimethylphthalate
 Concen: 11.01 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.03 min
 Lab File: BF091977.D
 Acq: 27 Dec 2016 19:40

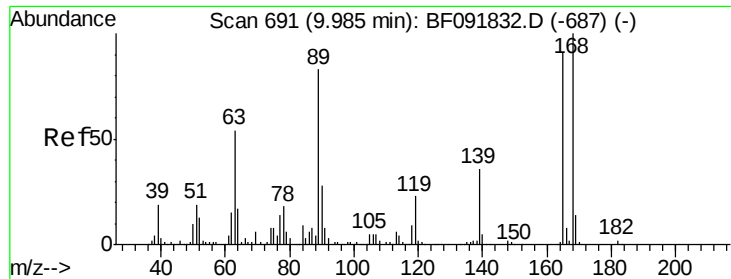
Tgt Ion:163 Resp: 358904

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.4	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

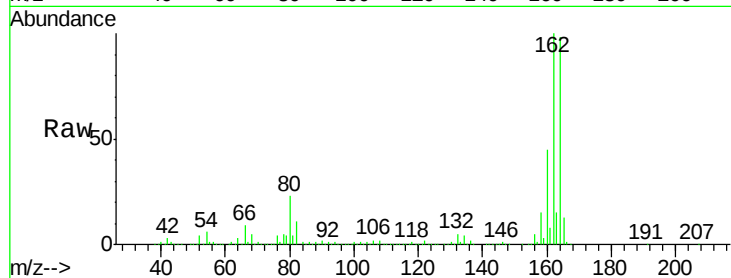




#56
2,4-Dinitrotoluene
Concen: 7.52 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.22 min
Lab File: BF091977.D
Acq: 27 Dec 2016 19:40

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.2	60.4#
89	1.7	62.5	93.7#
182	0.0	1.8	2.8#

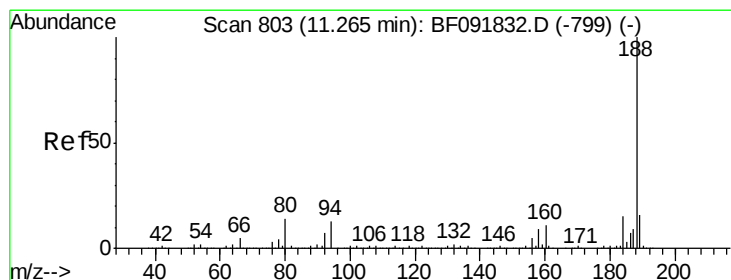
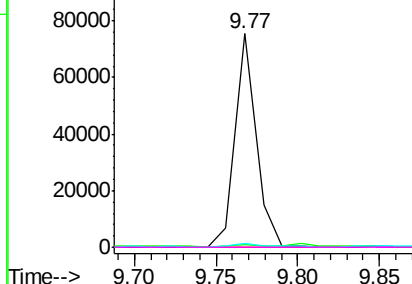
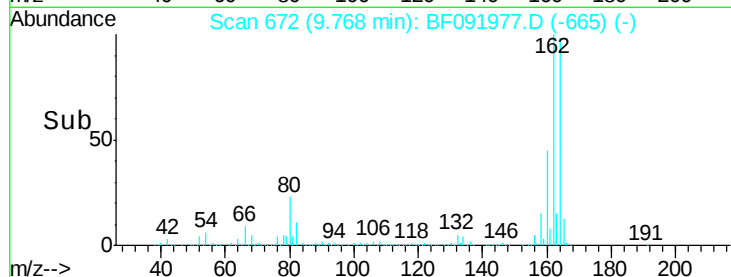


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

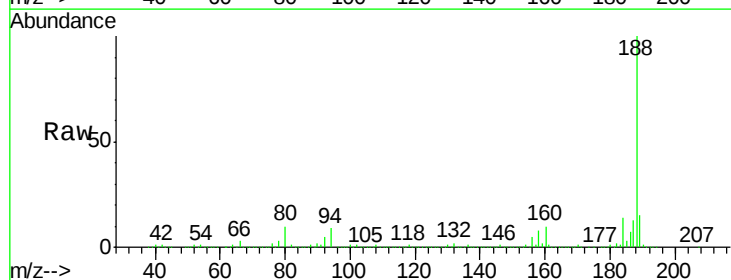
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091977.D
Acq: 27 Dec 2016 19:40

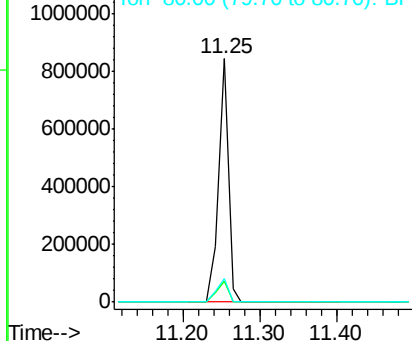
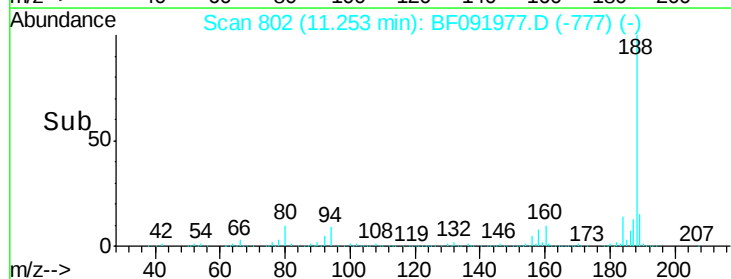
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	10.0	15.0#
80	9.6	11.2	16.8#

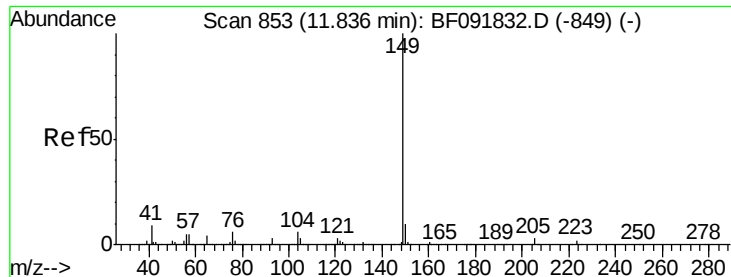


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.82 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091977.D

Acq: 27 Dec 2016 19:40

Instrument :

BNA_F

ClientSampleId :

MW-5

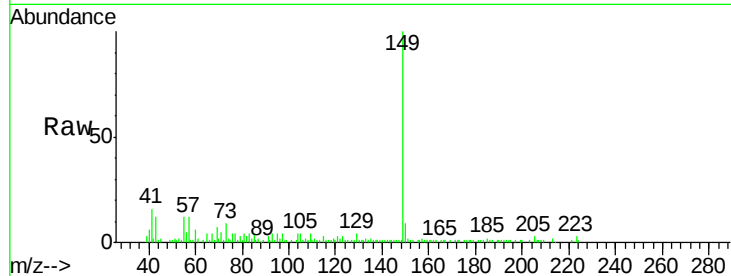
Tgt Ion:149 Resp: 52788

Ion Ratio Lower Upper

149 100

150 9.1 8.1 12.1

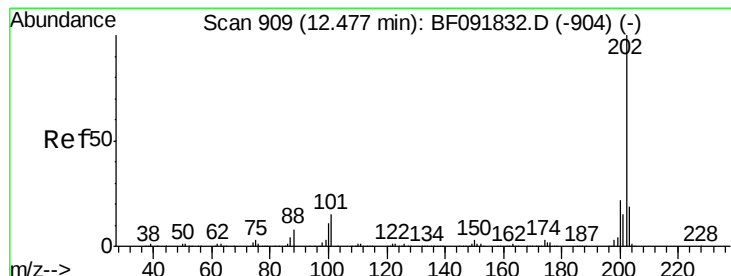
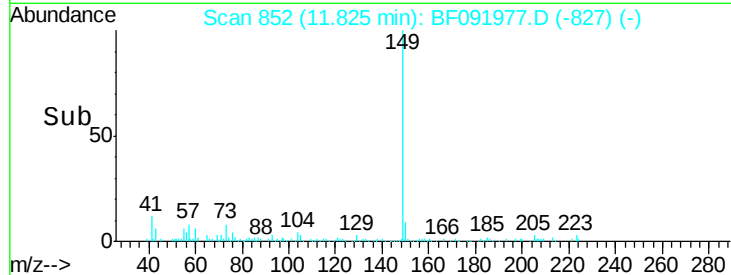
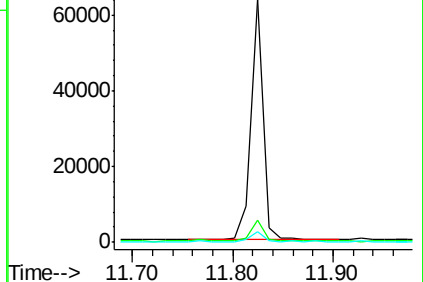
104 4.2 4.6 7.0#



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: BF091977.D

Acq: 27 Dec 2016 19:40

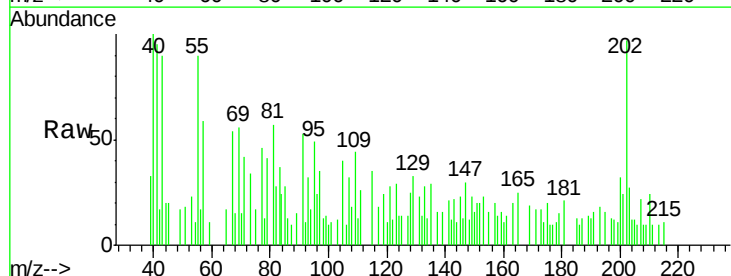
Tgt Ion:202 Resp: 3727

Ion Ratio Lower Upper

202 100

101 10.9 0.0 34.6

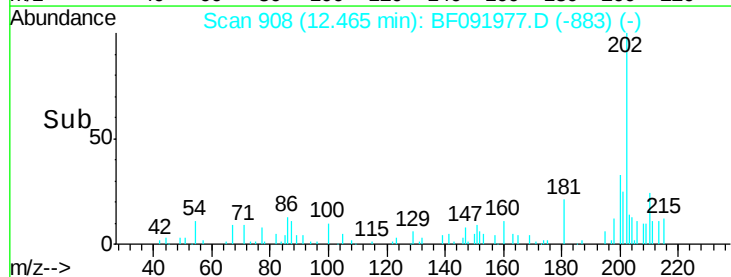
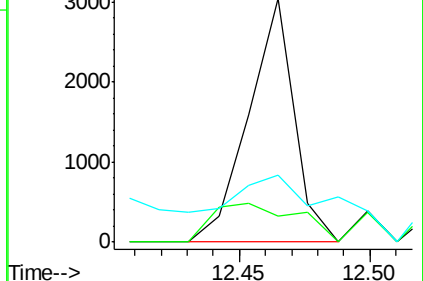
203 27.4 0.0 38.7

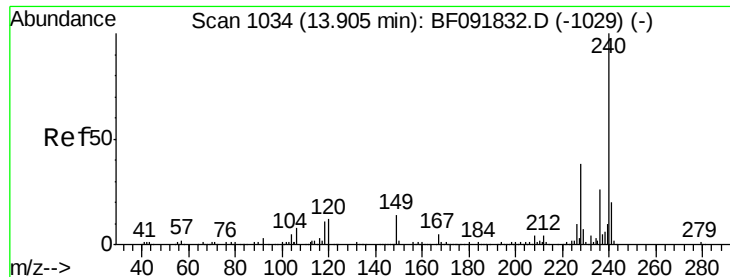


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF091977.D

Acq: 27 Dec 2016 19:40

Instrument :

BNA_F

ClientSampleId :

MW-5

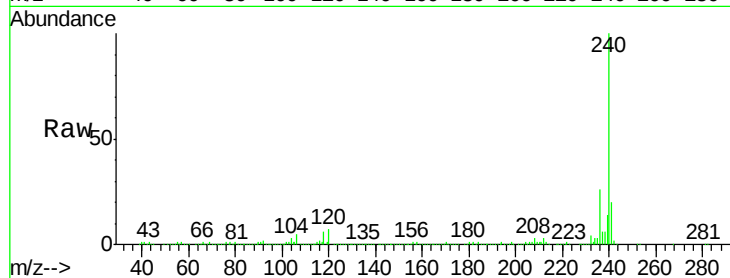
Tgt Ion:240 Resp: 544756

Ion Ratio Lower Upper

240 100

120 7.4 12.9 19.3#

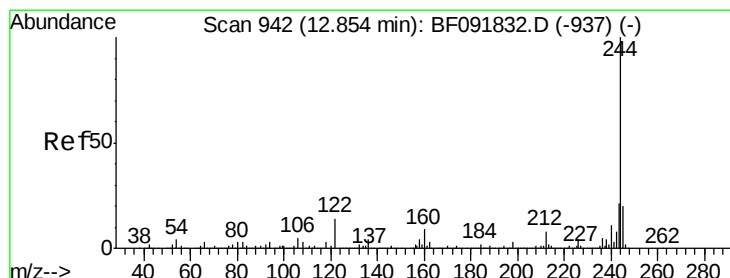
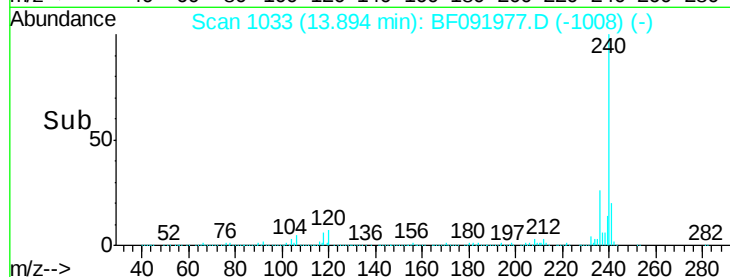
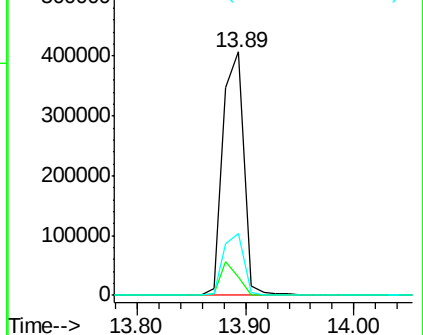
236 25.5 20.9 31.3



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: 67.65 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091977.D

Acq: 27 Dec 2016 19:40

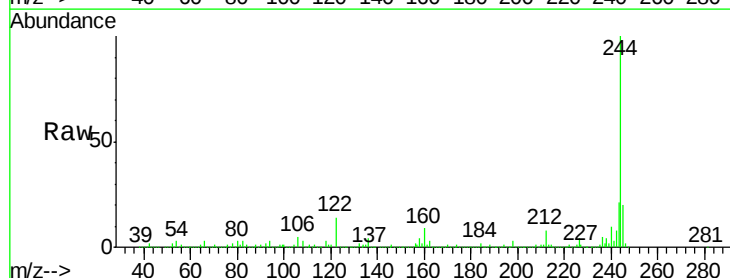
Tgt Ion:244 Resp: 1519524

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

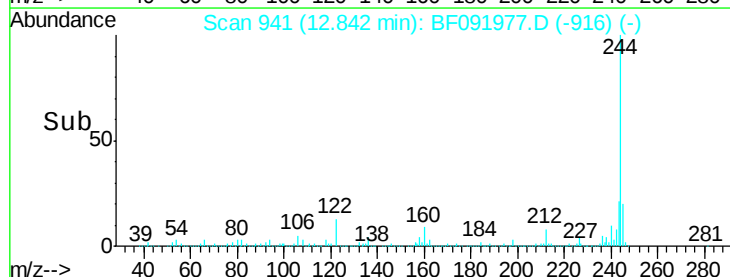
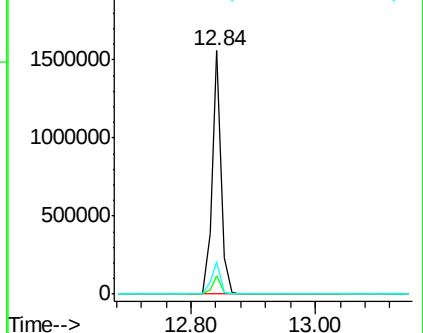
122 13.5 11.4 17.2

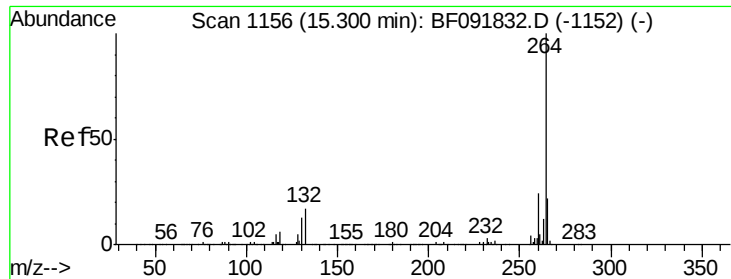


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

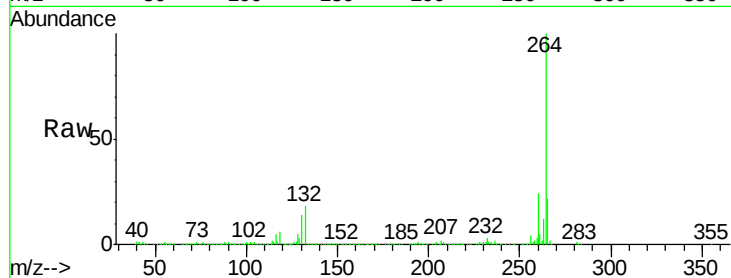




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091977.D
Acq: 27 Dec 2016 19:40

Instrument :
BNA_F
ClientSampleId :
MW-5

Tgt Ion: 264 Resp: 422207
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 22.5 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

