

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013117\
 Data File : BF092696.D
 Acq On : 31 Jan 2017 22:14
 Operator : SJ/MA
 Sample : I1596-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Quant Time: Feb 01 00:22:34 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

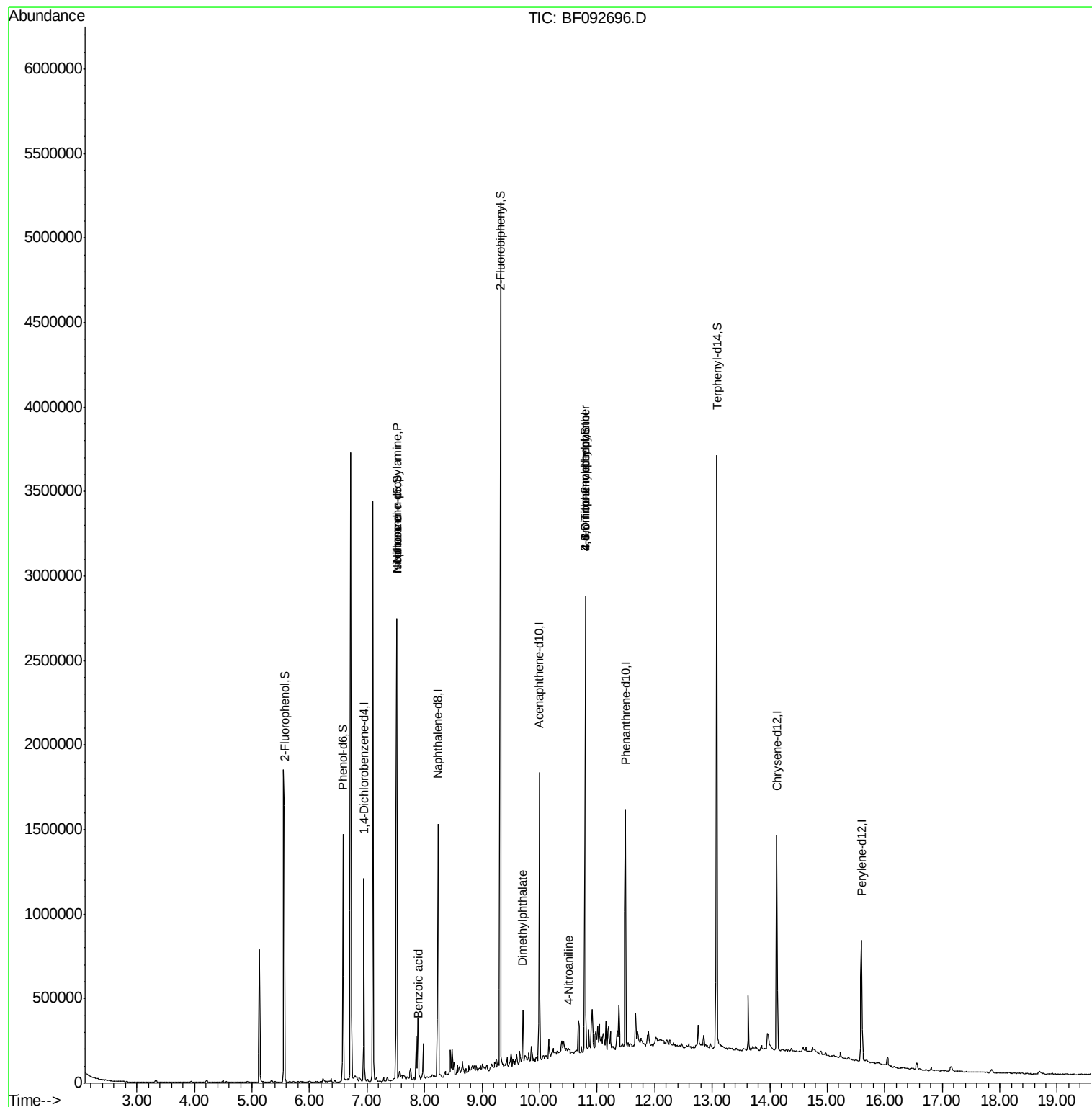
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	169868	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	658731	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	370640	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	629008	20.00	ng	0.00
75) Chrysene-d12	14.12	240	440857	20.00	ng	-0.02
86) Perylene-d12	15.60	264	347032	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	695490	70.24	ng	-0.01
7) Phenol-d6	6.58	99	537636	42.20	ng	-0.02
23) Nitrobenzene-d5	7.52	82	1056671	89.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	322953	120.47	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1888249	92.30	ng	-0.01
78) Terphenyl-d14	13.08	244	1619107	86.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	142959	17.63	ng	# 80
25) Isophorone	7.52	82	993607	45.08	ng	# 65
32) Benzoic acid	7.89	122	9093	8.51	ng	# 12
49) Dimethylphthalate	9.71	163	116048	4.65	ng	# 99
61) 4-Nitroaniline	10.51	138	26730	4.23	ng	# 70
64) 4,6-Dinitro-2-methylphenol	10.80	198	1119	2.94	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	25215	3.84	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

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BNA_F

ClientSampleId :

MW-19

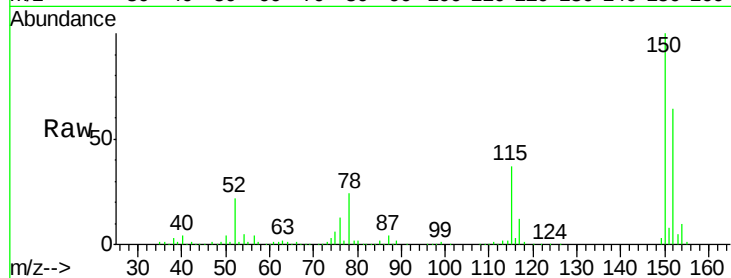
Tgt Ion:152 Resp: 169868

Ion Ratio Lower Upper

152 100

150 156.9 124.9 187.3

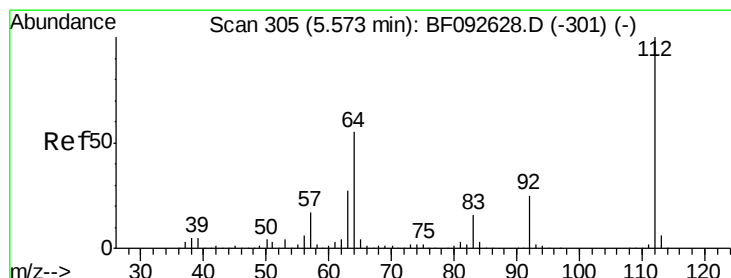
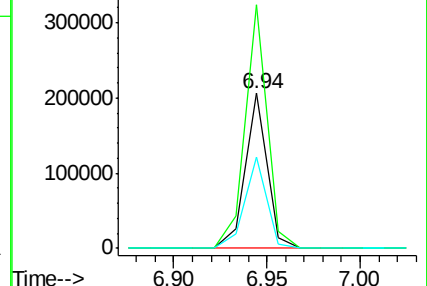
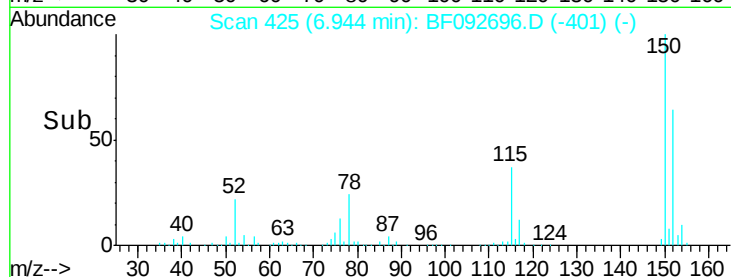
115 58.5 46.0 69.0



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: 70.24 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092696.D

Acq: 31 Jan 2017 22:14

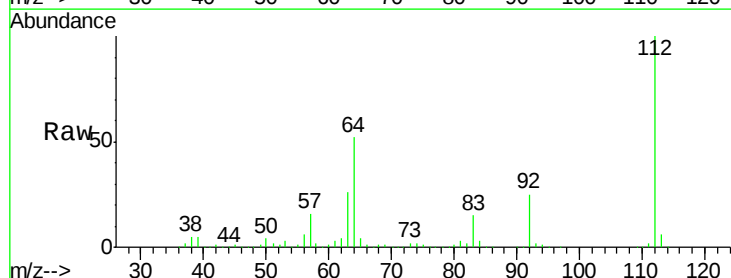
Tgt Ion:112 Resp: 695490

Ion Ratio Lower Upper

112 100

64 52.1 46.1 69.1

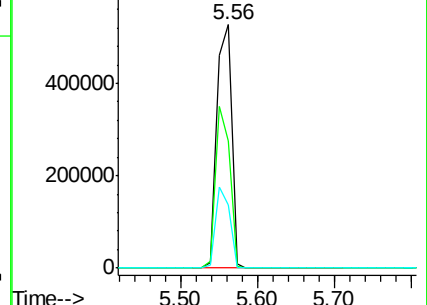
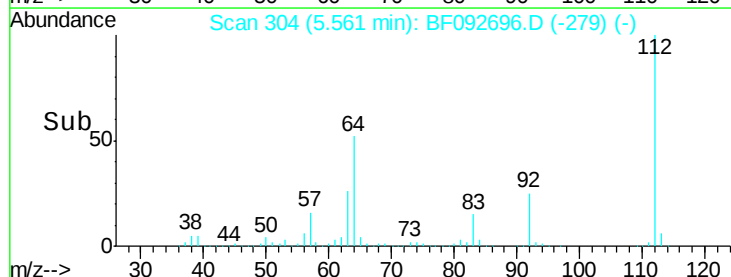
63 25.7 23.8 35.6



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: 42.20 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092696.D

Acq: 31 Jan 2017 22:14

Instrument :

BNA_F

ClientSampleId :

MW-19

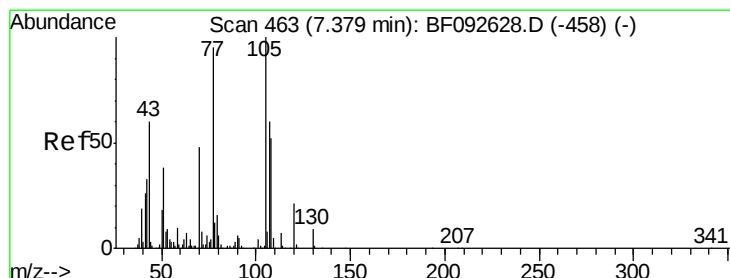
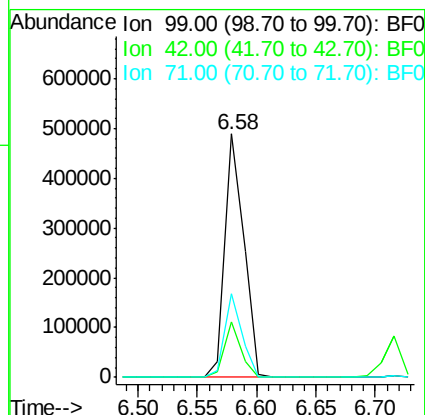
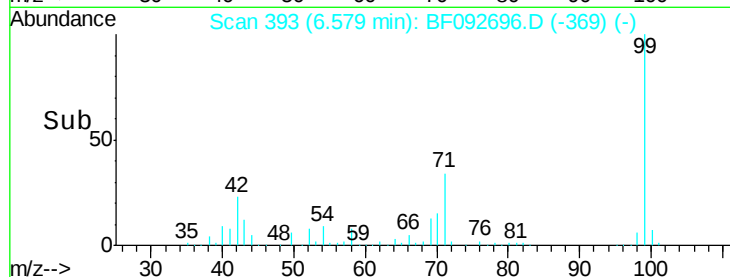
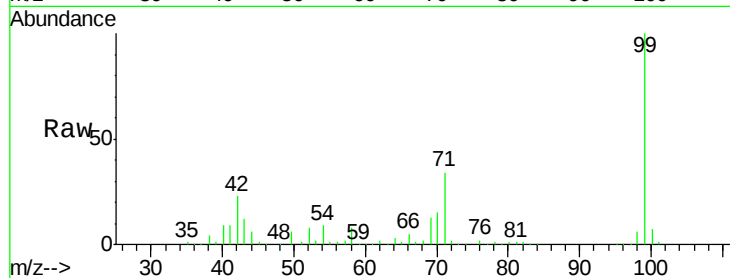
Tgt Ion: 99 Resp: 537636

Ion Ratio Lower Upper

99 100

42 23.0 15.6 23.4

71 34.2 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.63 ng

RT: 7.52 min Scan# 475

Delta R.T. 0.14 min

Lab File: BF092696.D

Acq: 31 Jan 2017 22:14

Tgt Ion: 70 Resp: 142959

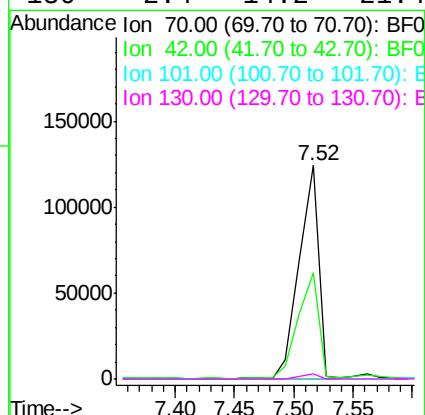
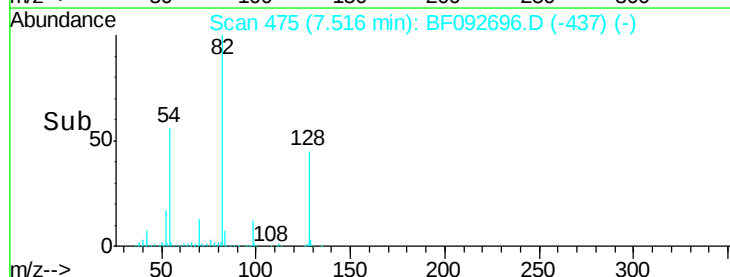
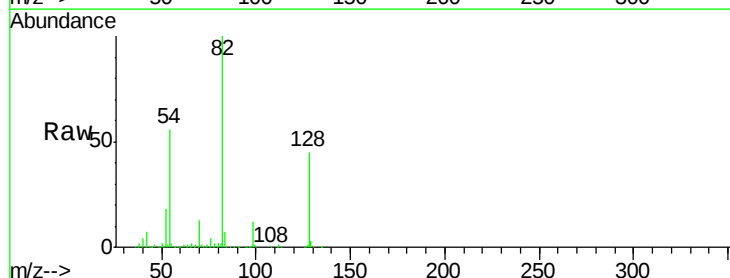
Ion Ratio Lower Upper

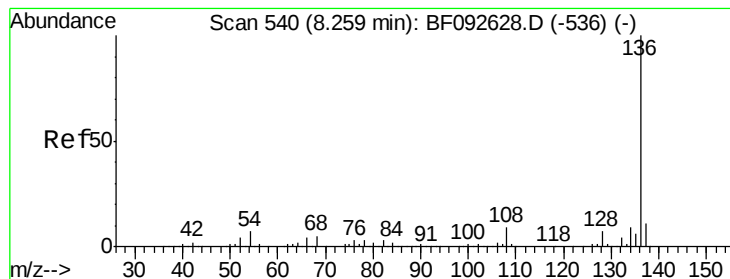
70 100

42 49.8 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: 8.24 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF092696.D

Acq: 31 Jan 2017 22:14

Instrument :

BNA_F

ClientSampleId :

MW-19

Tgt Ion:136 Resp: 658731

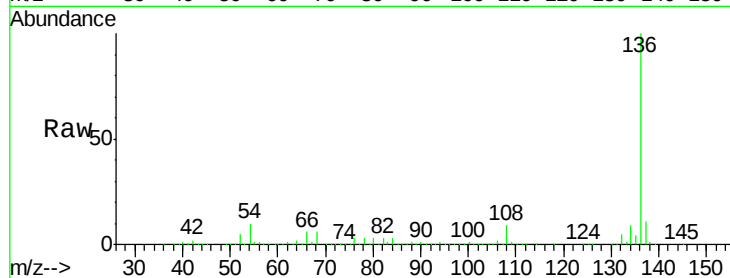
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 9.7 4.5 6.7#

68 6.4 3.6 5.4#

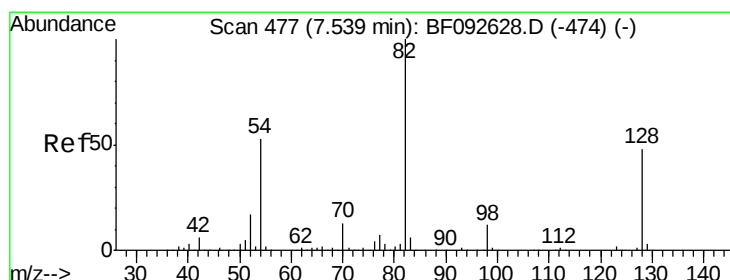
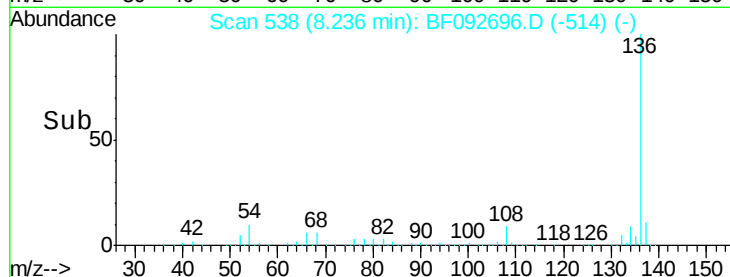
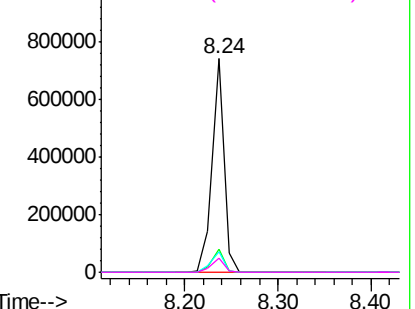


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.33 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF092696.D

Acq: 31 Jan 2017 22:14

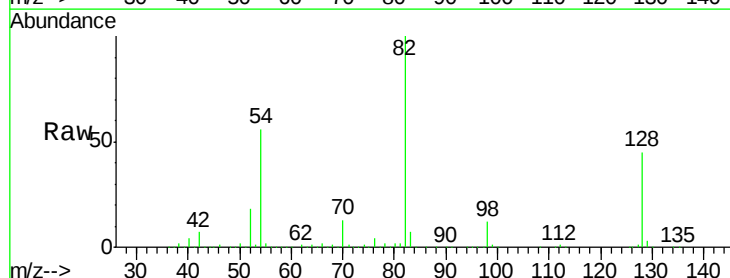
Tgt Ion: 82 Resp: 1056671

Ion Ratio Lower Upper

82 100

128 45.4 34.6 52.0

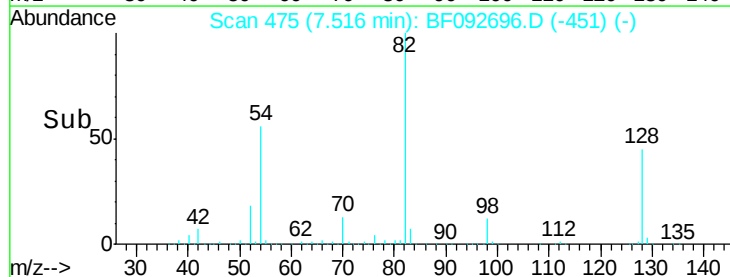
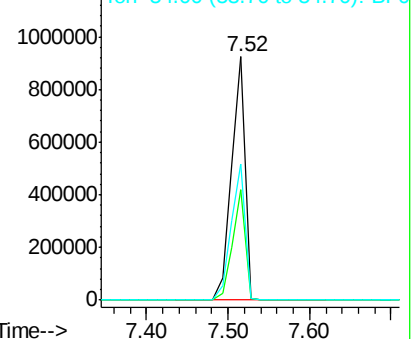
54 55.7 39.5 59.3

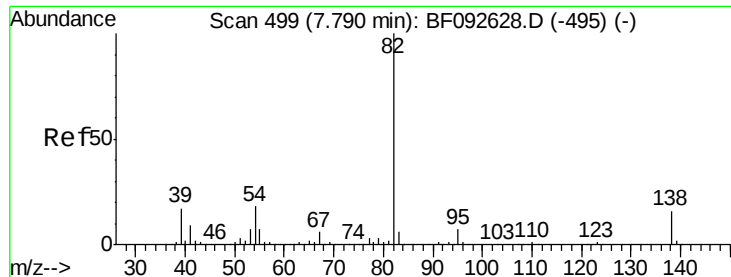


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

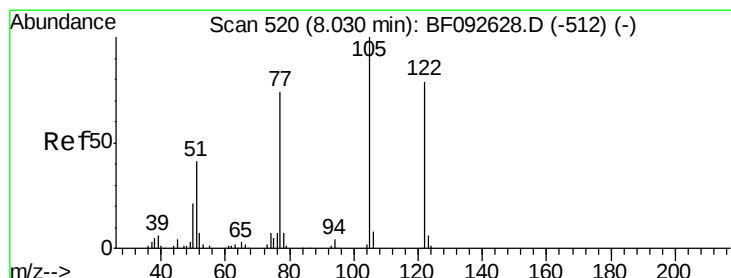
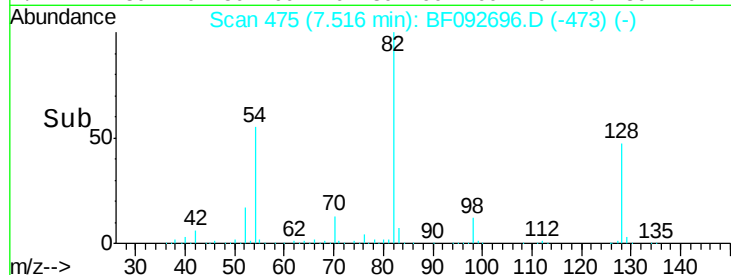
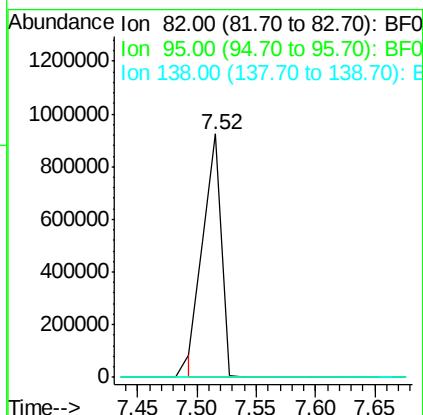
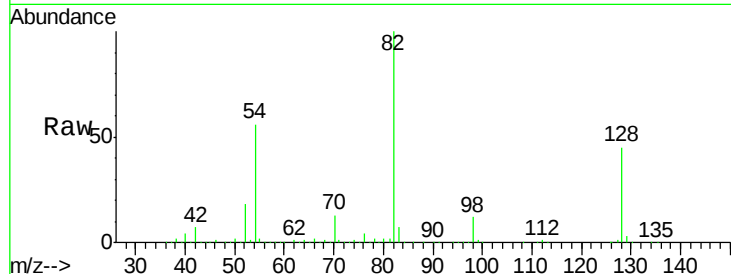




#25
Isophorone
Concen: 45.08 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.27 min
Lab File: BF092696.D
Acq: 31 Jan 2017 22:14

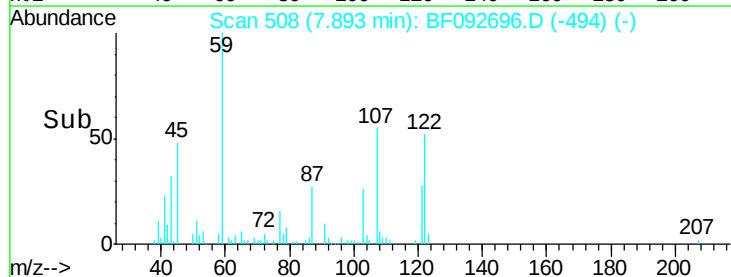
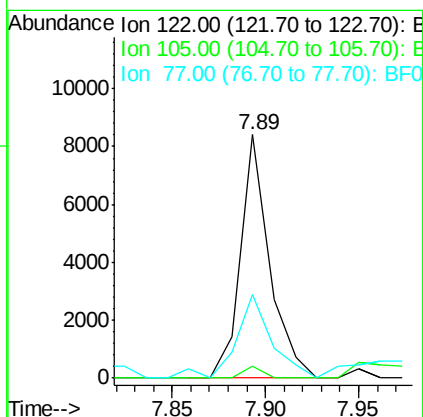
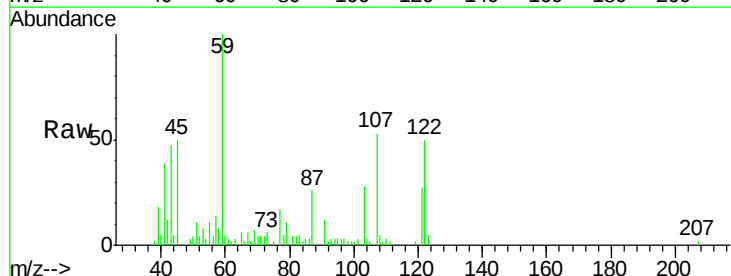
Instrument :
BNA_F
ClientSampleId :
MW-19

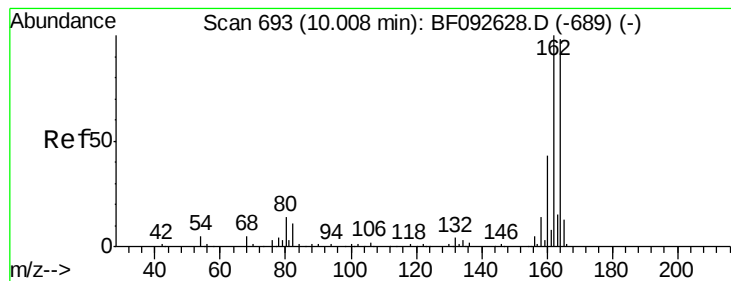
Tgt Ion: 82 Resp: 993607
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 8.51 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.14 min
Lab File: BF092696.D
Acq: 31 Jan 2017 22:14

Tgt Ion: 122 Resp: 9093
Ion Ratio Lower Upper
122 100
105 4.7 107.2 147.2#
77 34.4 74.5 114.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF092696.D

Acq: 31 Jan 2017 22:14

Instrument :

BNA_F

ClientSampleId :

MW-19

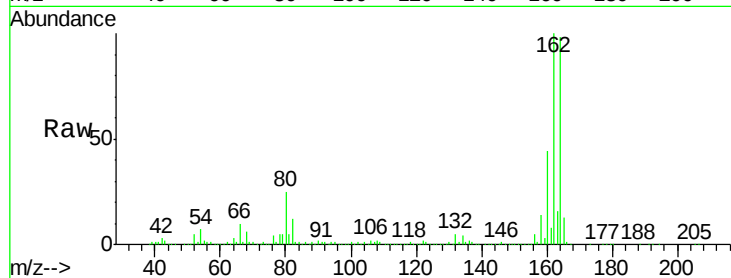
Tgt Ion:164 Resp: 370640

Ion Ratio Lower Upper

164 100

162 102.1 80.2 120.2

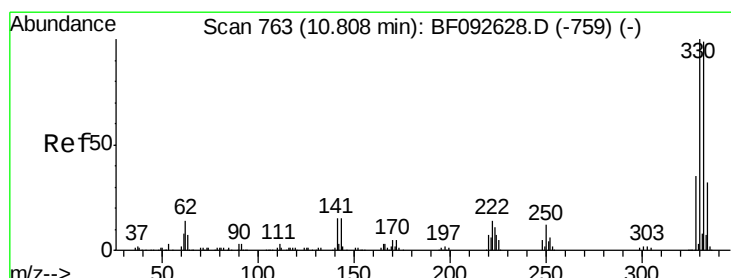
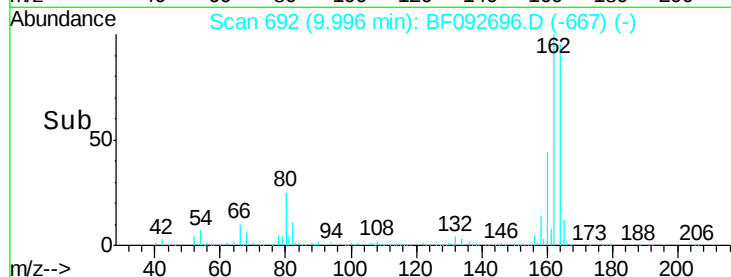
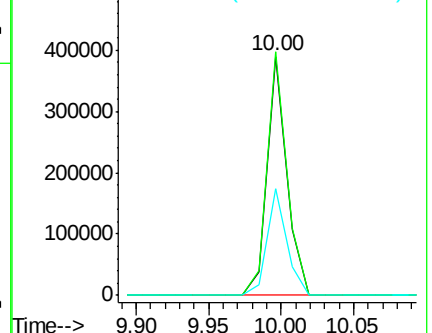
160 44.7 36.9 55.3



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: 120.47 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF092696.D

Acq: 31 Jan 2017 22:14

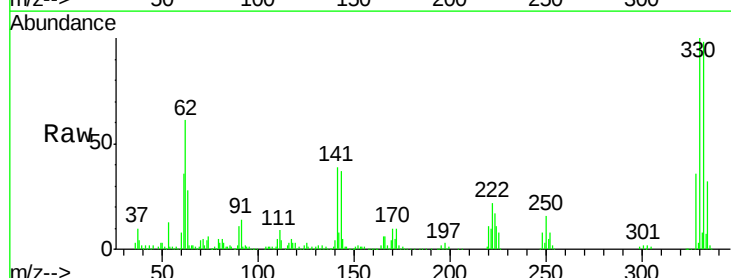
Tgt Ion:330 Resp: 322953

Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.2

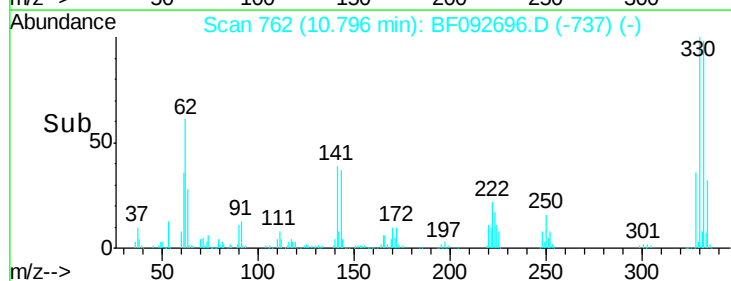
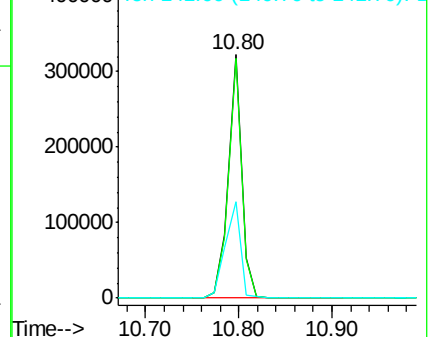
141 43.8 34.1 51.1



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

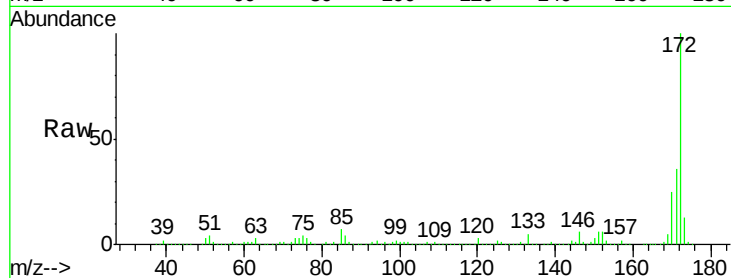




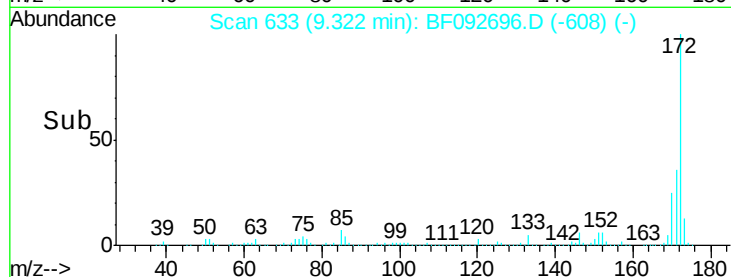
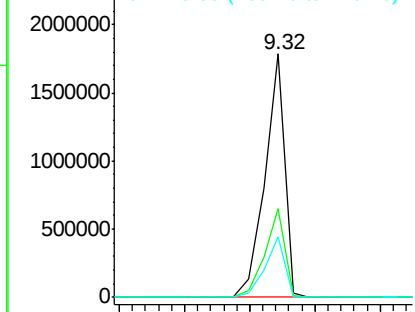
#44
2-Fluorobiphenyl
Concen: 92.30 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF092696.D
Acq: 31 Jan 2017 22:14

Instrument :
BNA_F
ClientSampleId :
MW-19

Tgt Ion:172 Resp: 1888249
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 24.7 20.2 30.4

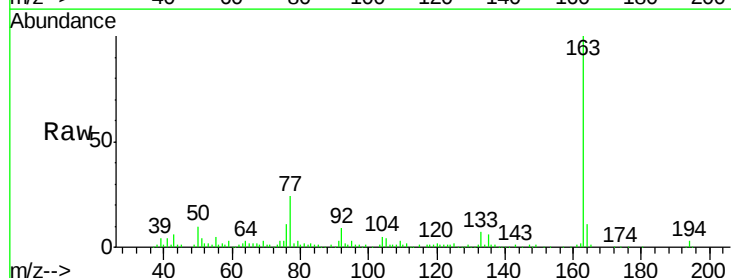


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

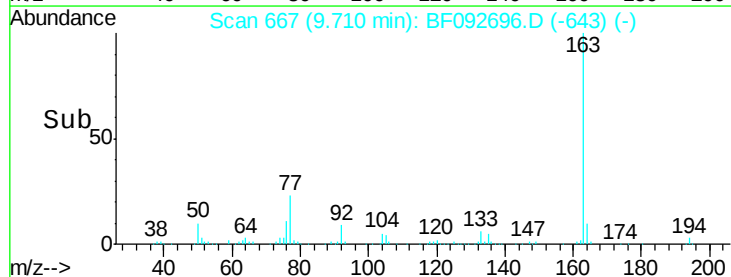
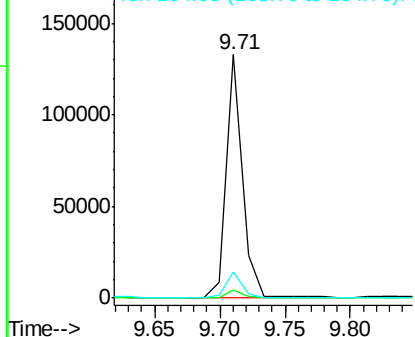


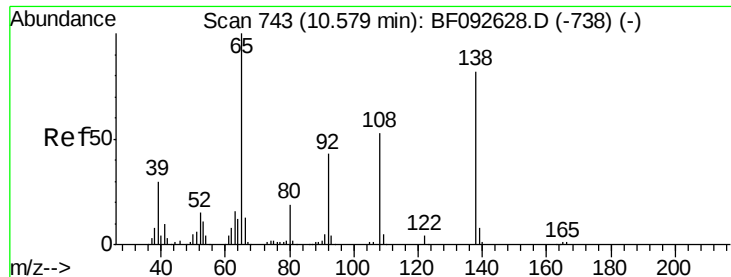
#49
Dimethylphthalate
Concen: 4.65 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF092696.D
Acq: 31 Jan 2017 22:14

Tgt Ion:163 Resp: 116048
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.5 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

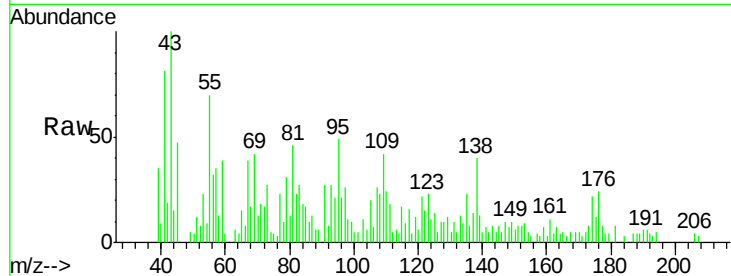




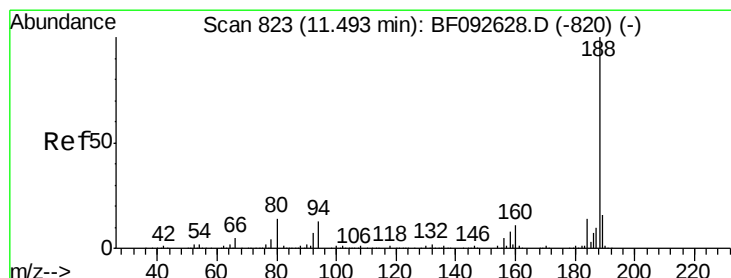
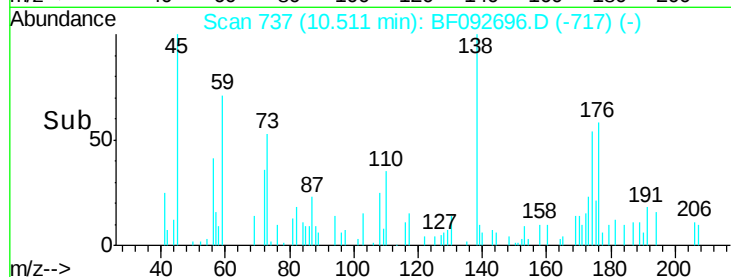
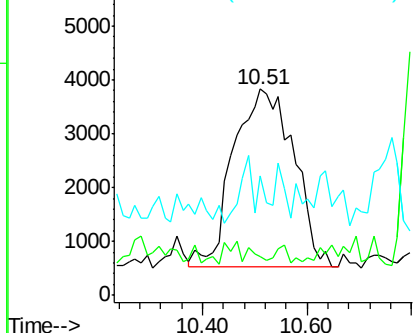
#61
4-Nitroaniline
Concen: 4.23 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.07 min
Lab File: BF092696.D
Acq: 31 Jan 2017 22:14

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BNA_F
ClientSampled :
MW-19

Tgt Ion:138 Resp: 26730
Ion Ratio Lower Upper
138 100
92 18.9 31.7 71.7#
108 58.0 52.6 92.6

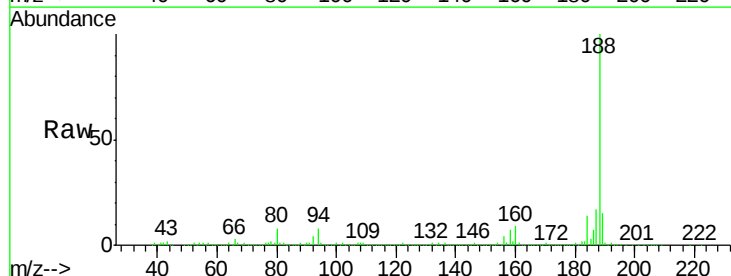


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

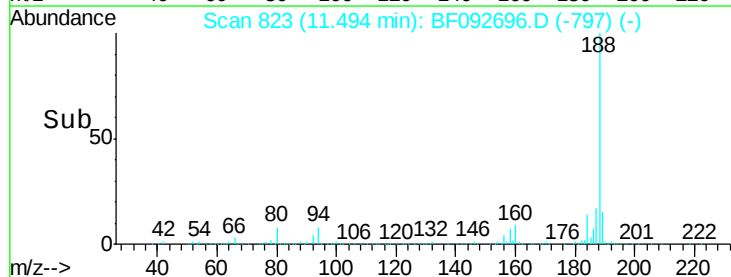
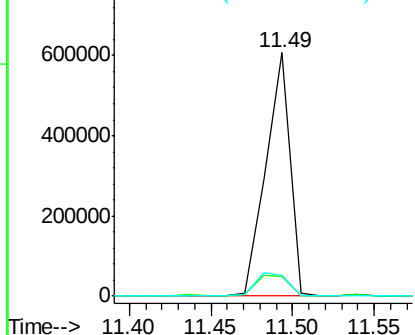


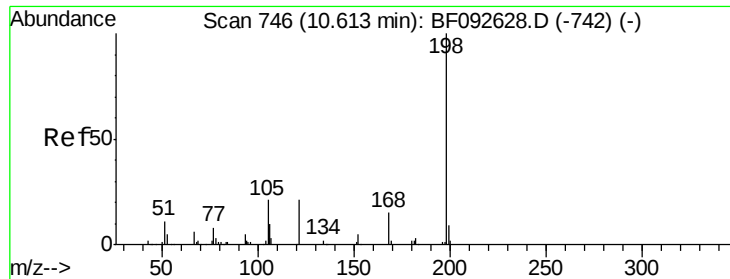
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF092696.D
Acq: 31 Jan 2017 22:14

Tgt Ion:188 Resp: 629008
Ion Ratio Lower Upper
188 100
94 8.1 10.0 15.0#
80 8.4 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





#64

4,6-Dinitro-2-methylphenol

Concen: 2.94 ng

RT: 10.80 min Scan# 762

Delta R.T. 0.18 min

Lab File: BF092696.D

Acq: 31 Jan 2017 22:14

Instrument :

BNA_F

ClientSampleId :

MW-19

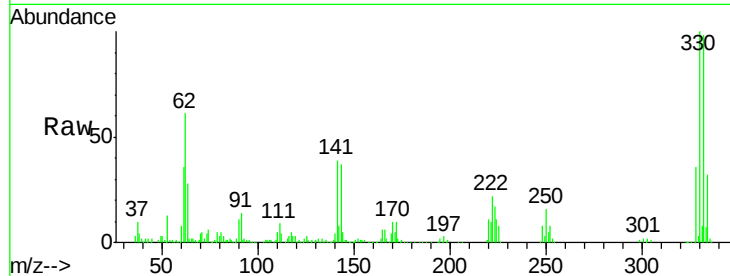
Tgt Ion:198 Resp: 1119

Ion Ratio Lower Upper

198 100

51 233.4 6.7 46.7#

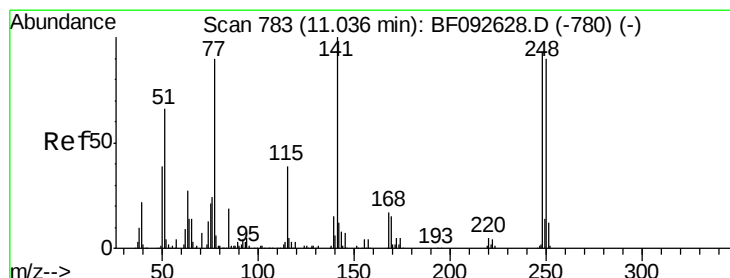
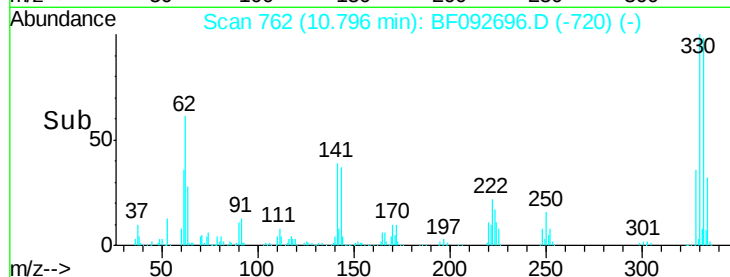
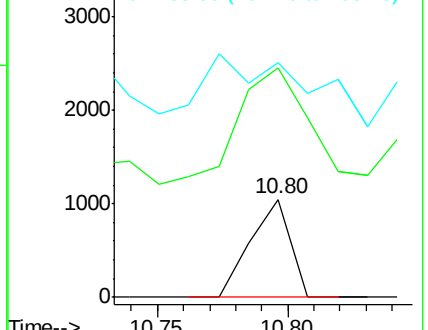
105 239.5 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.84 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.24 min

Lab File: BF092696.D

Acq: 31 Jan 2017 22:14

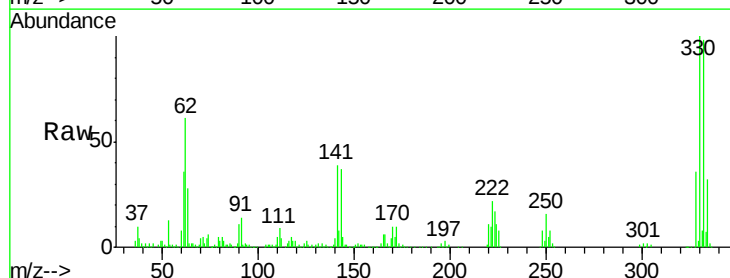
Tgt Ion:248 Resp: 25215

Ion Ratio Lower Upper

248 100

250 202.3 76.9 115.3#

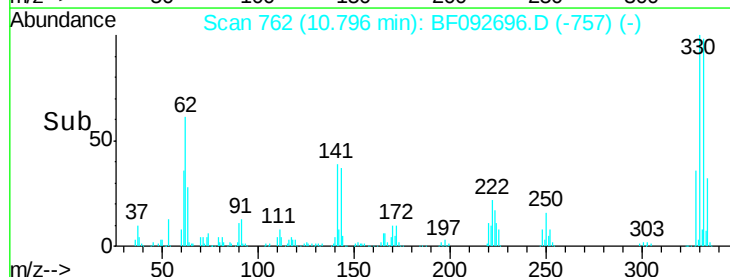
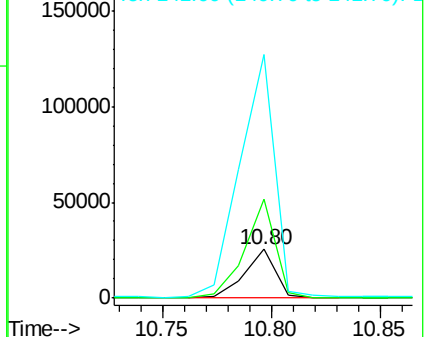
141 497.0 68.2 102.4#

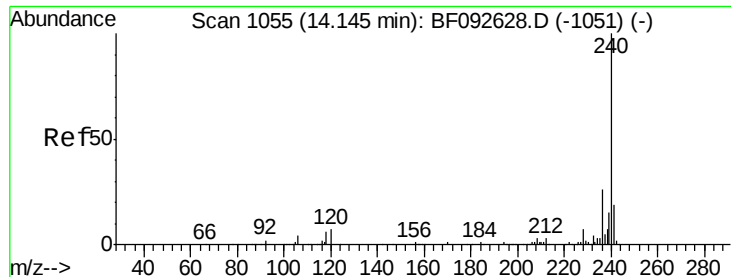


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092696.D

Acq: 31 Jan 2017 22:14

Instrument :

BNA_F

ClientSampleId :

MW-19

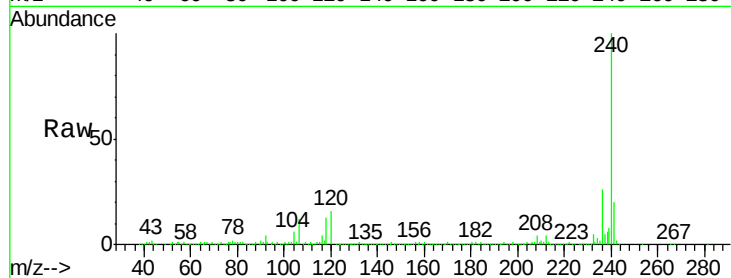
Tgt Ion:240 Resp: 440857

Ion Ratio Lower Upper

240 100

120 16.2 12.9 19.3

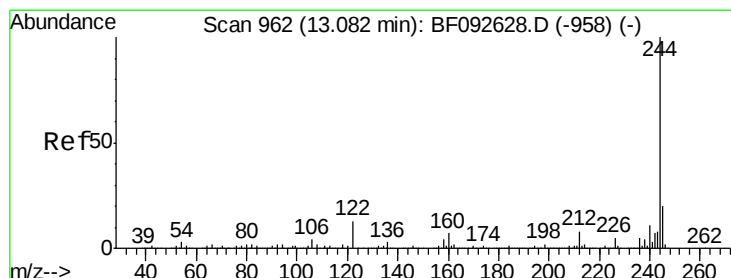
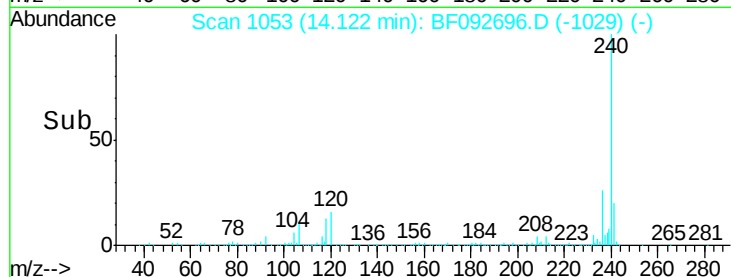
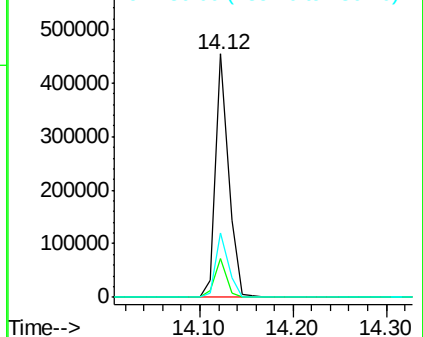
236 26.5 20.9 31.3



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: 86.29 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF092696.D

Acq: 31 Jan 2017 22:14

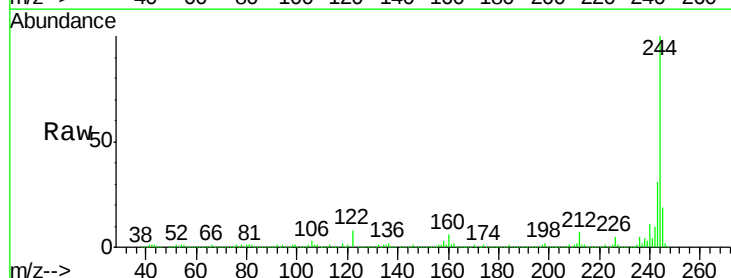
Tgt Ion:244 Resp: 1619107

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

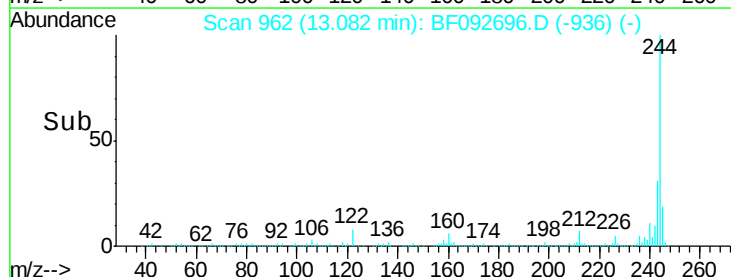
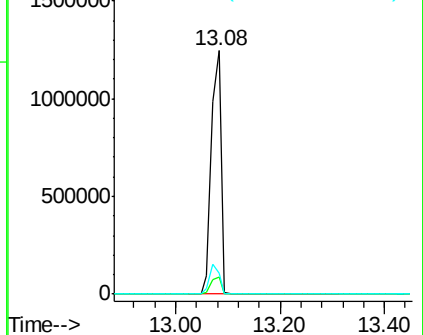
122 8.4 11.4 17.2#

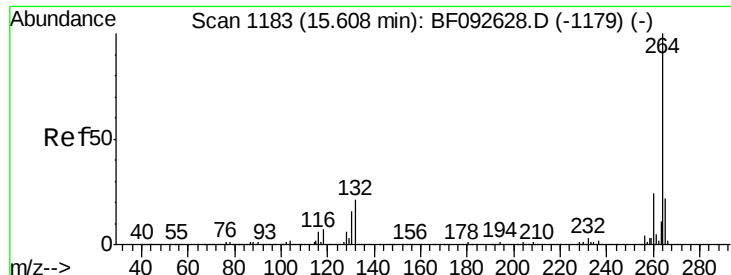


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

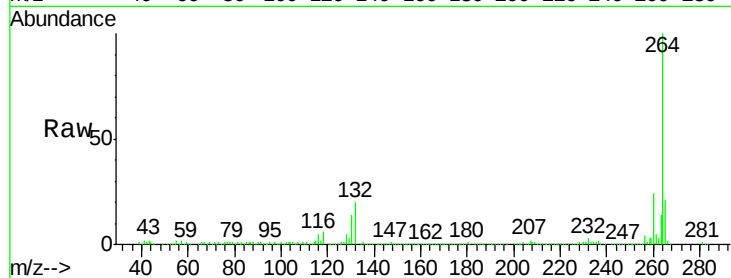




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF092696.D
Acq: 31 Jan 2017 22:14

Instrument :
BNA_F
ClientSampleId :
MW-19

Tgt Ion: 264 Resp: 347032
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.1 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

