

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101791.D
 Acq On : 28 Dec 2017 5:24
 Operator : SJ/JU
 Sample : I7069-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 06:30:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

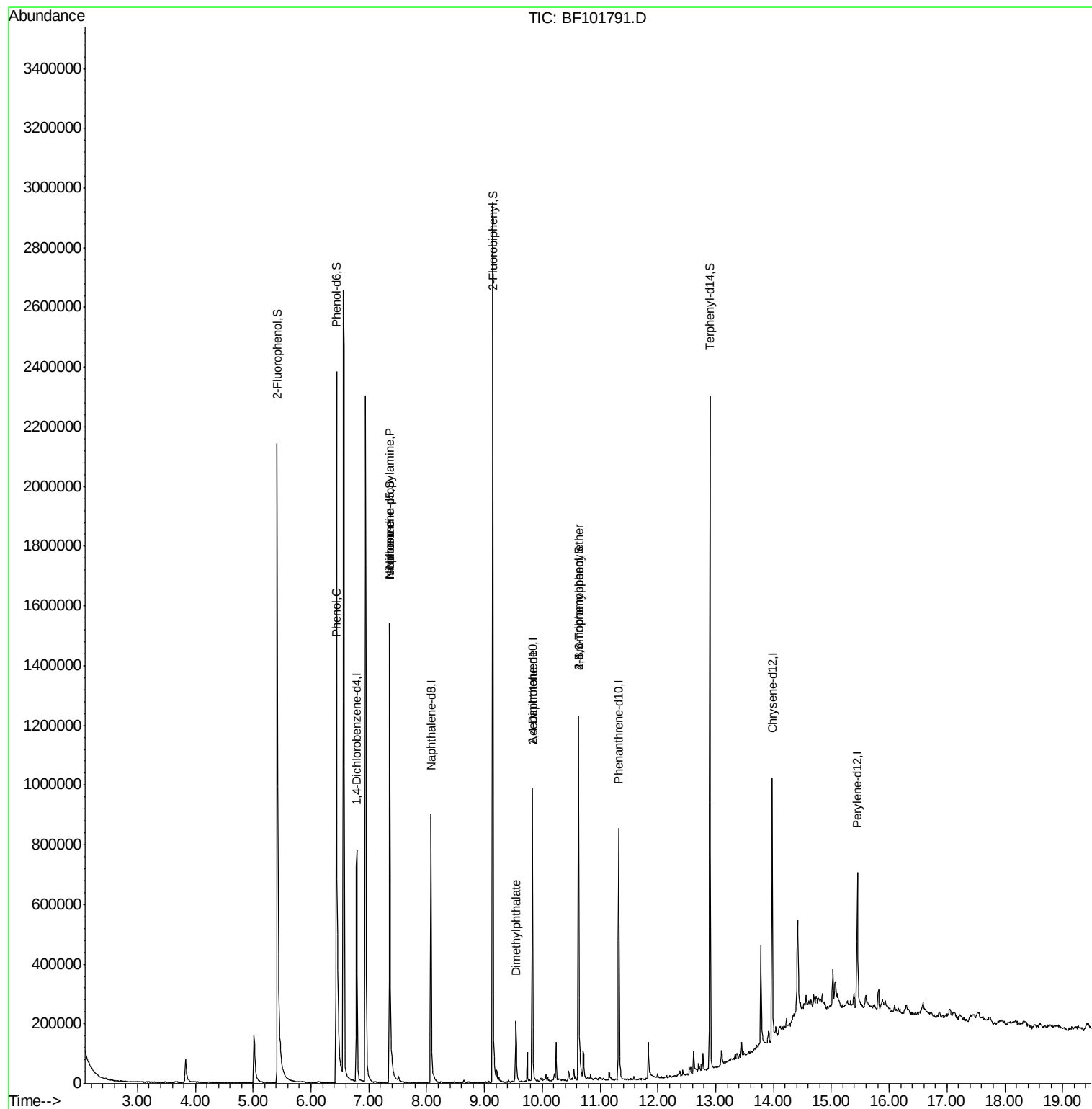
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	135138	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	493926	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	188787	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	326395	20.00	ng	0.00
75) Chrysene-d12	13.97	240	314378	20.00	ng	0.00
86) Perylene-d12	15.45	264	249527	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	918815	101.28	ng	0.01
7) Phenol-d6	6.44	99	1060432	93.92	ng	0.00
23) Nitrobenzene-d5	7.36	82	628073	70.78	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	176678	97.12	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	963351	79.16	ng	0.00
78) Terphenyl-d14	12.90	244	808104	61.97	ng	0.00
Target Compounds						
10) Phenol	6.45	94	34757	2.701	ng	# 46
19) n-Nitroso-di-n-propylamine	7.36	70	81278	10.961	ng	# 82
25) Isophorone	7.36	82	628069	35.285	ng	# 64
49) Dimethylphthalate	9.55	163	97536	6.423	ng	100
56) 2,4-Dinitrotoluene	9.83	165	24313	6.992	ng	# 22
66) 4-Bromophenyl-phenylether	10.63	248	11165	3.044	ng	# 1

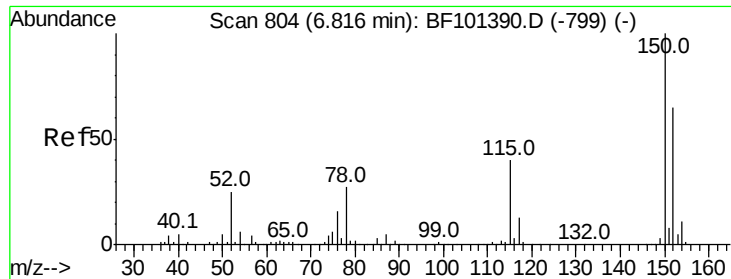
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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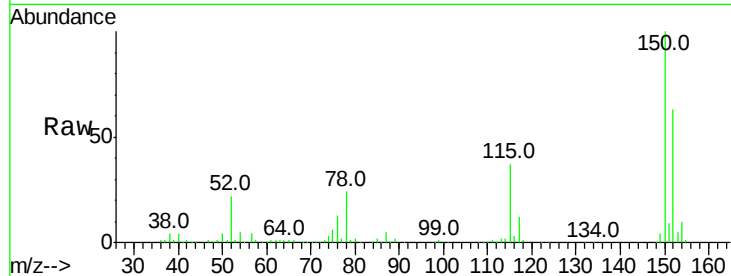


#1

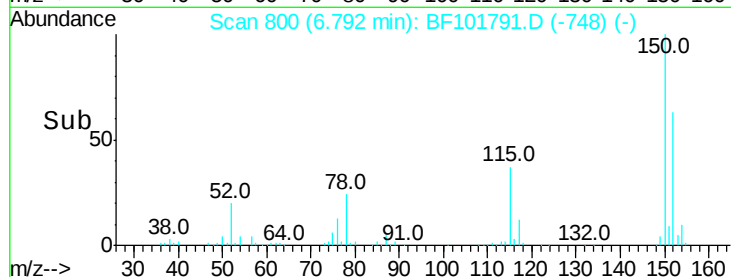
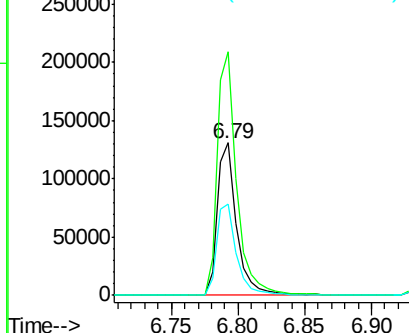
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101791.D
Acq: 28 Dec 2017 5:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 135138
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 59.6 50.1 75.1



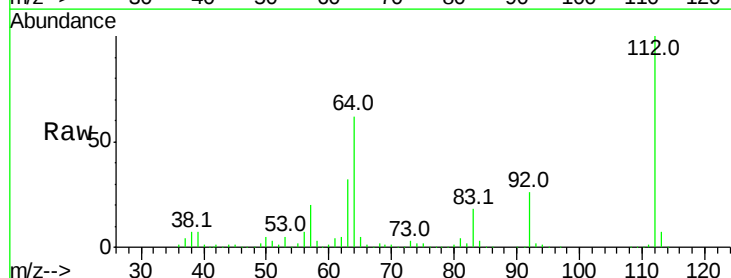
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



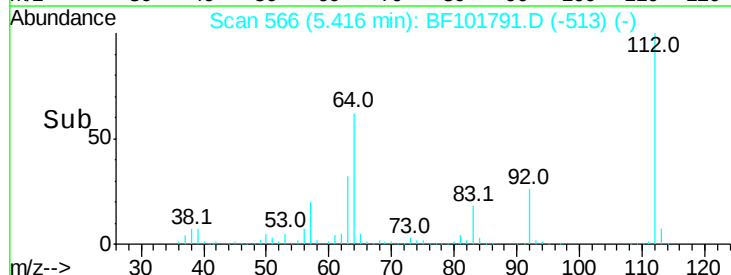
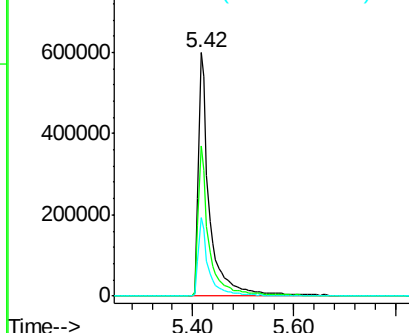
#5

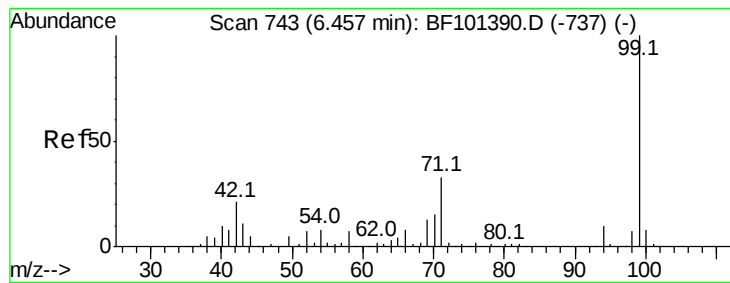
2-Fluorophenol
Concen: 101.278 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101791.D
Acq: 28 Dec 2017 5:24

Tgt Ion:112 Resp: 918815
Ion Ratio Lower Upper
112 100
64 61.9 47.9 71.9
63 32.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 93.921 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101791.D

Acq: 28 Dec 2017 5:24

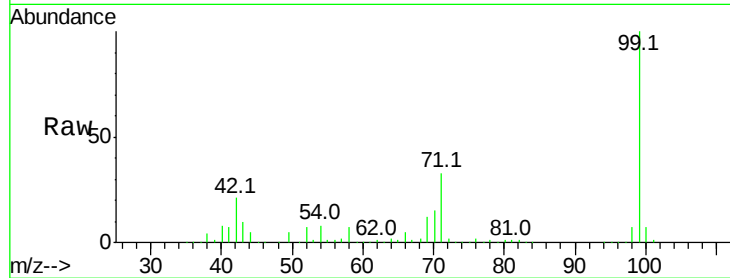
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1060432

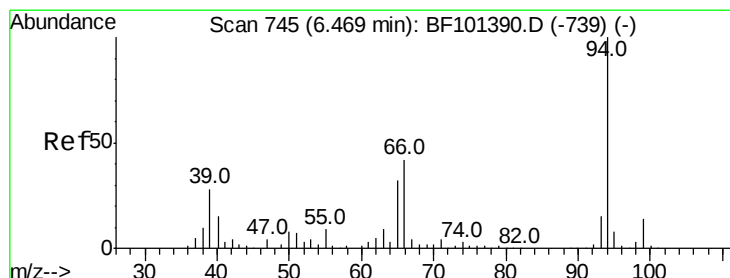
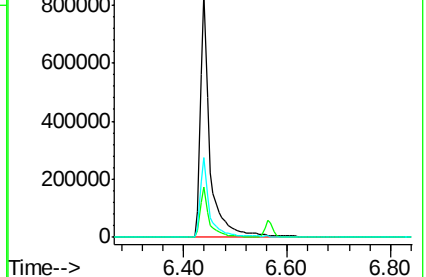
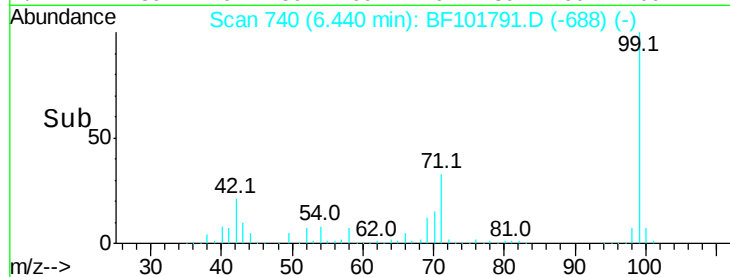
Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	32.7	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.701 ng

RT: 6.45 min Scan# 742

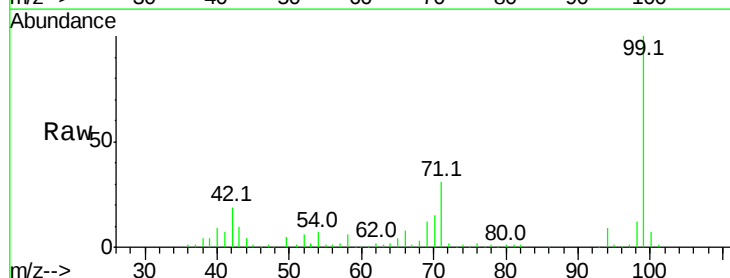
Delta R.T. 0.01 min

Lab File: BF101791.D

Acq: 28 Dec 2017 5:24

Tgt Ion: 94 Resp: 34757

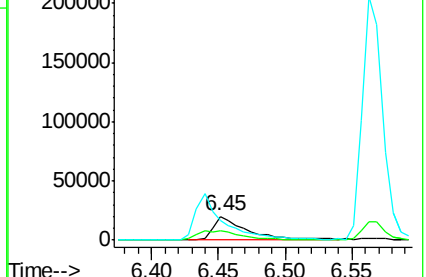
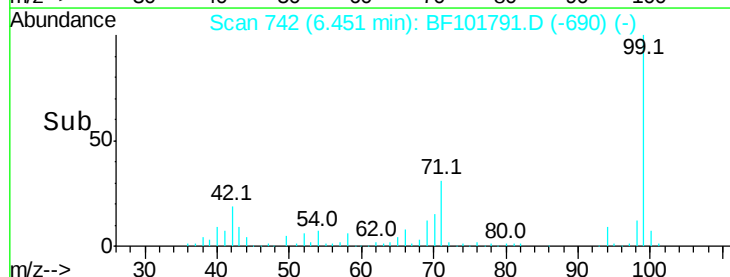
Ion	Ratio	Lower	Upper
94	100		
65	39.0	7.9	47.9
66	83.3	16.2	56.2

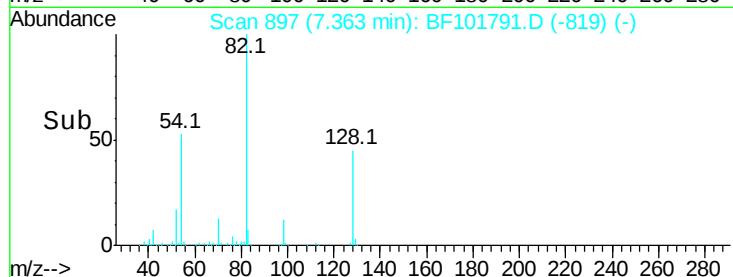
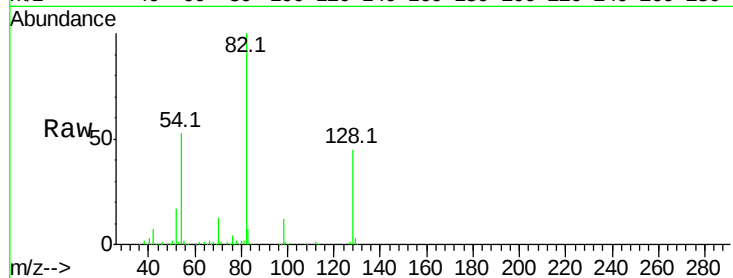
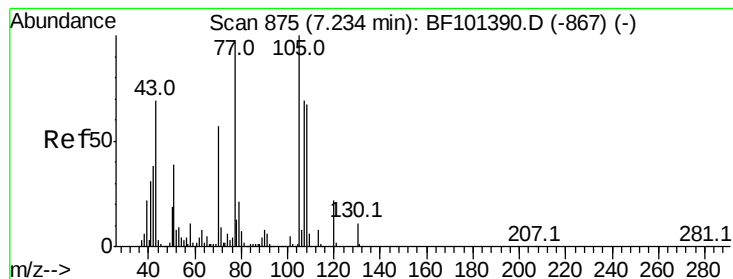


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 10.961 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.16 min

Lab File: BF101791.D

Acq: 28 Dec 2017 5:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 81278

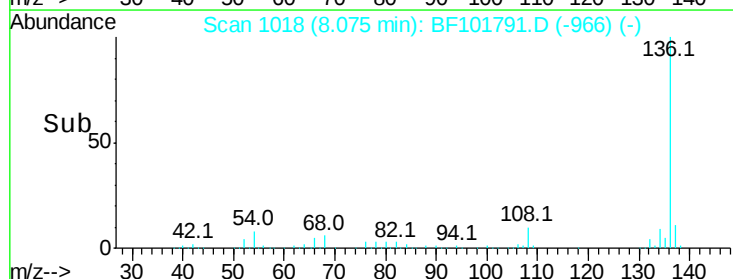
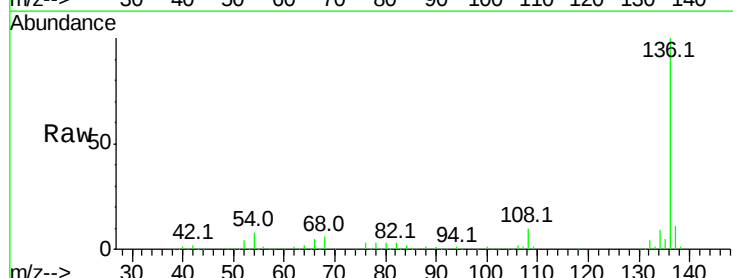
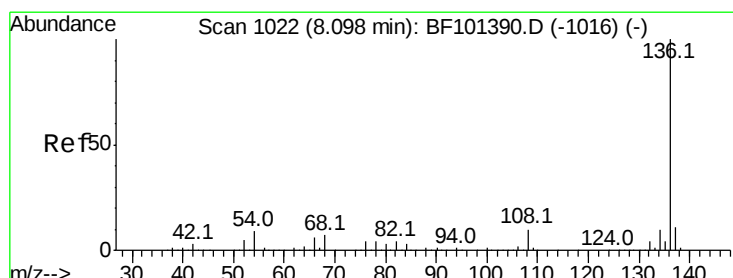
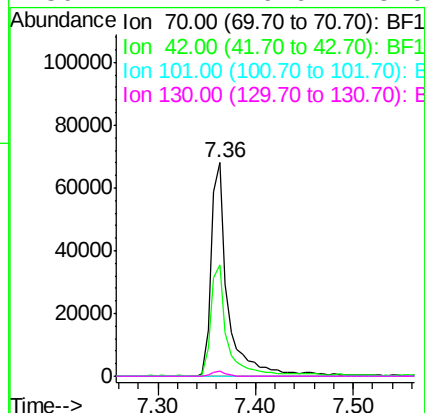
Ion Ratio Lower Upper

70 100

42 52.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BF101791.D

Acq: 28 Dec 2017 5:24

Tgt Ion: 136 Resp: 493926

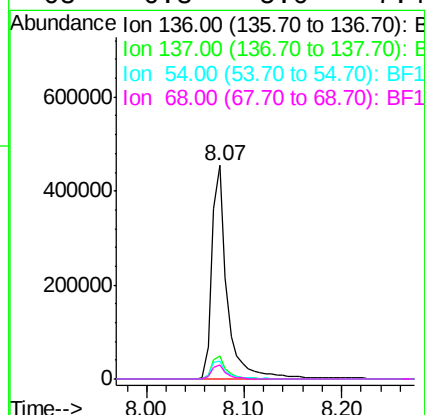
Ion Ratio Lower Upper

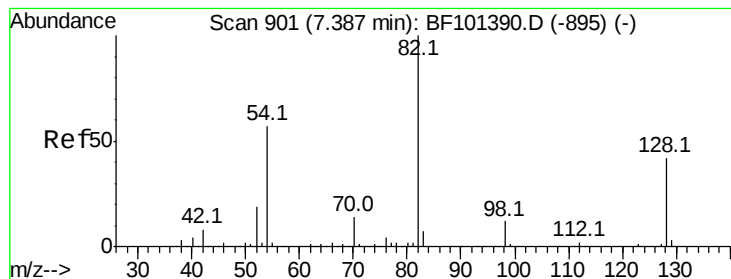
136 100

137 10.8 8.9 13.3

54 8.4 6.6 9.8

68 6.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 70.784 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF101791.D

Acq: 28 Dec 2017 5:24

Instrument :

BNA_F

ClientSampled :

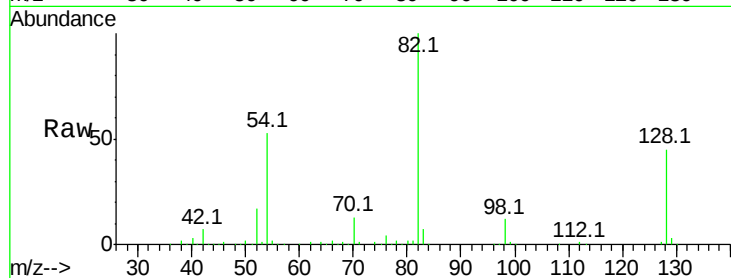
Tot Ion: 82 Resp: 628073

Ion Ratio Lower Upper

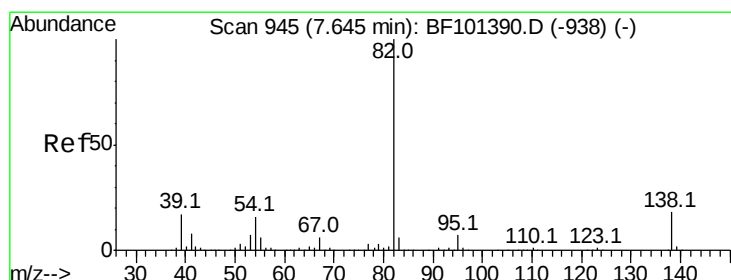
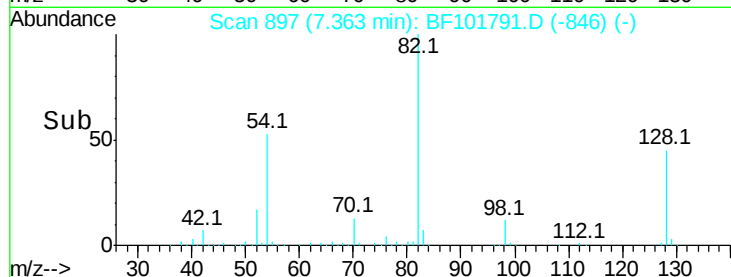
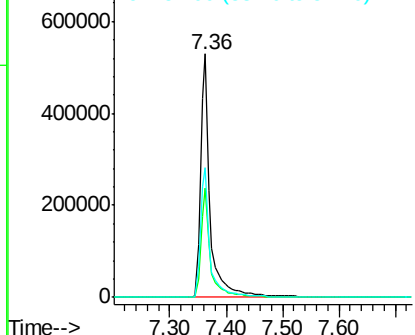
82 100

128 44.9 36.1 54.1

54 53.3 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 35.285 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.25 min

Lab File: BF101791.D

Acq: 28 Dec 2017 5:24

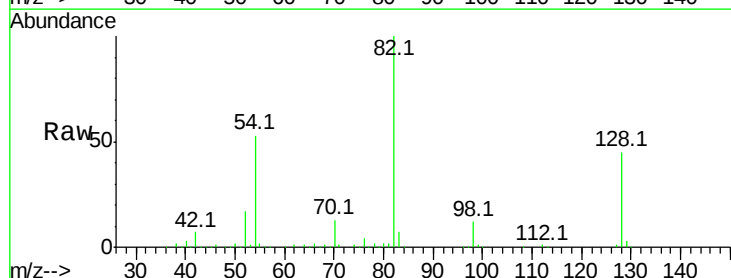
Tgt Ion: 82 Resp: 628069

Ion Ratio Lower Upper

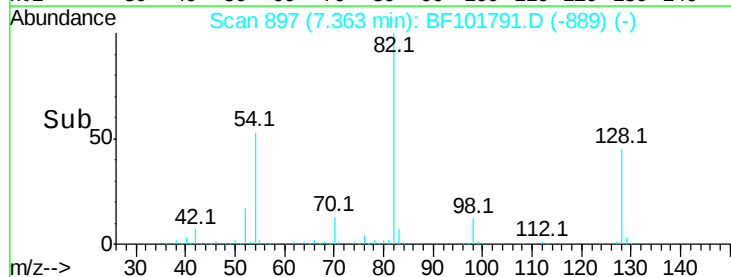
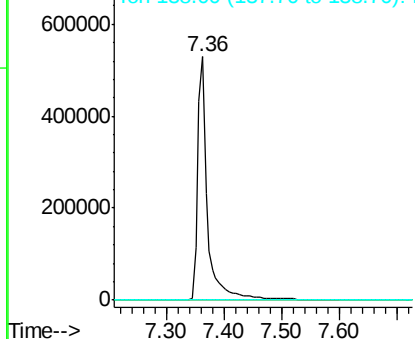
82 100

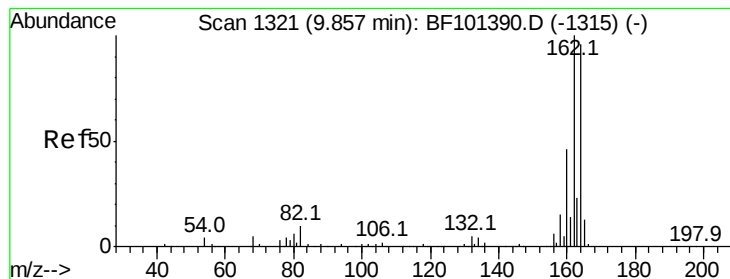
95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF101791.D

Acq: 28 Dec 2017 5:24

Instrument :

BNA_F

ClientSampleId :

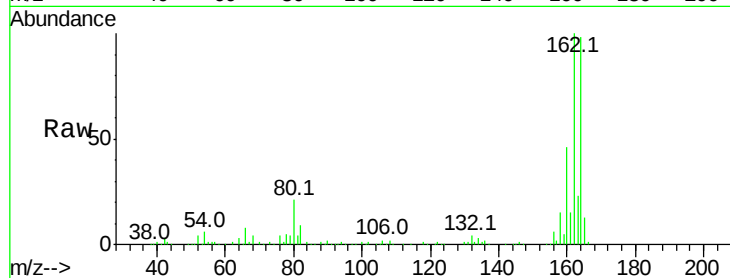
Tot Ion:164 Resp: 188787

Ion Ratio Lower Upper

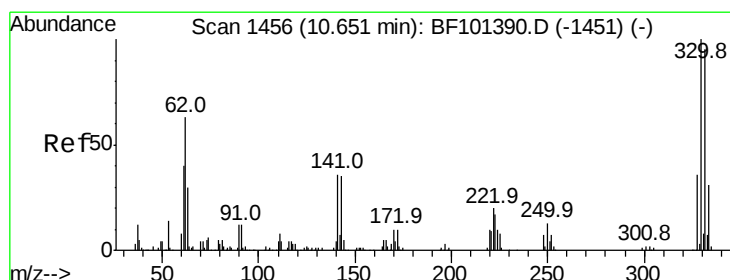
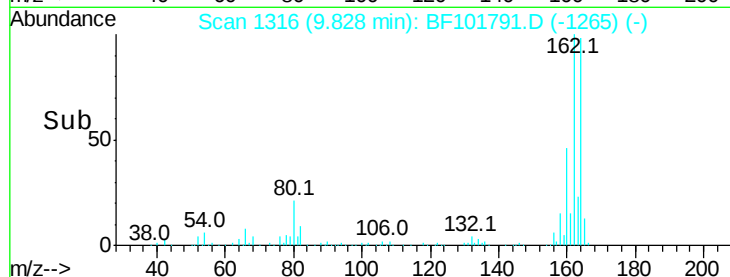
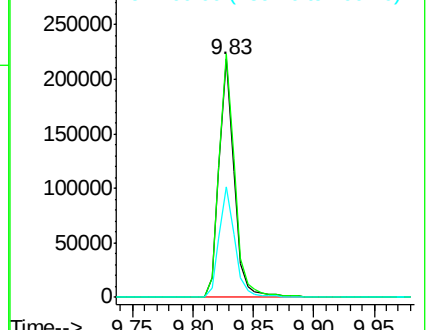
164 100

162 102.2 86.1 129.1

160 46.5 38.3 57.5



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: 97.123 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF101791.D

Acq: 28 Dec 2017 5:24

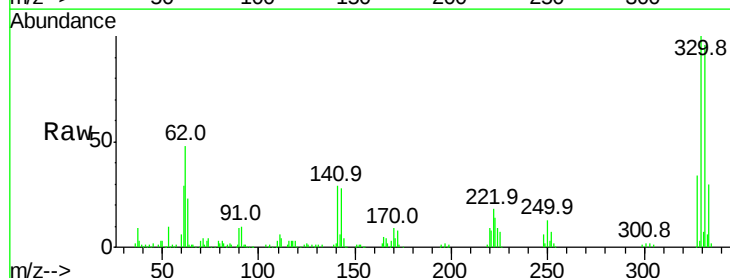
Tgt Ion:330 Resp: 176678

Ion Ratio Lower Upper

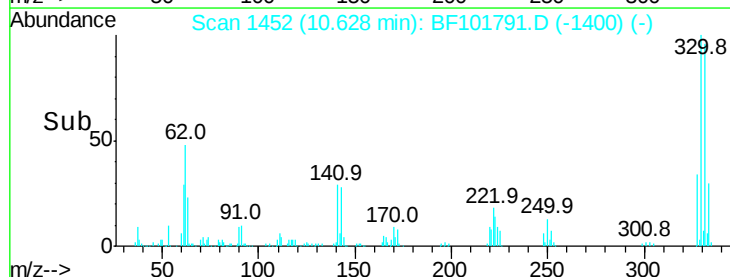
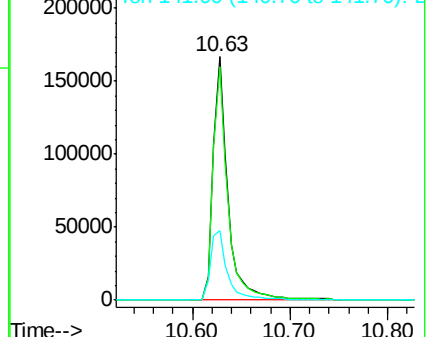
330 100

332 96.6 77.0 115.6

141 32.8 29.9 44.9



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

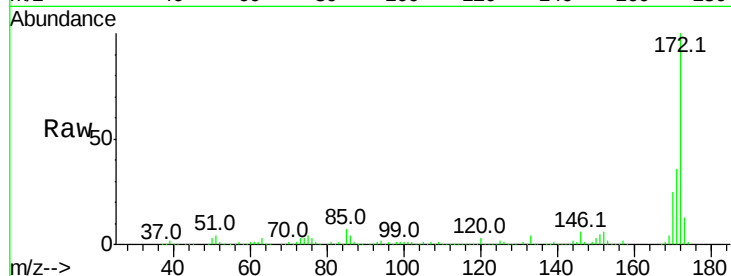




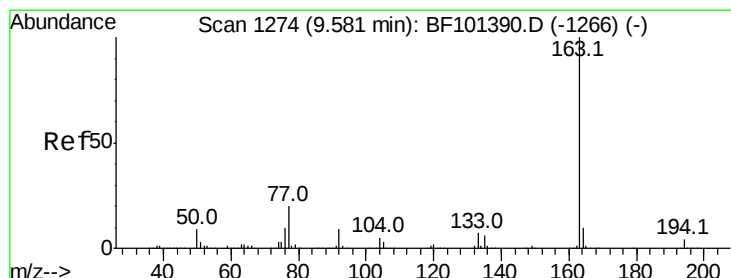
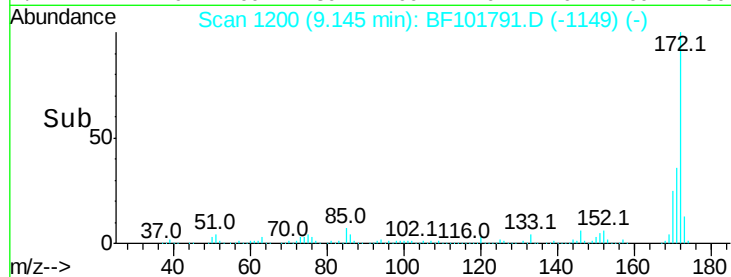
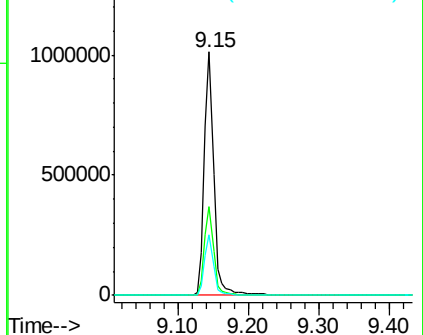
#44
 2-Fluorobiphenyl
 Concen: 79.157 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101791.D
 Acq: 28 Dec 2017 5:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 963351
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 25.1 19.6 29.4

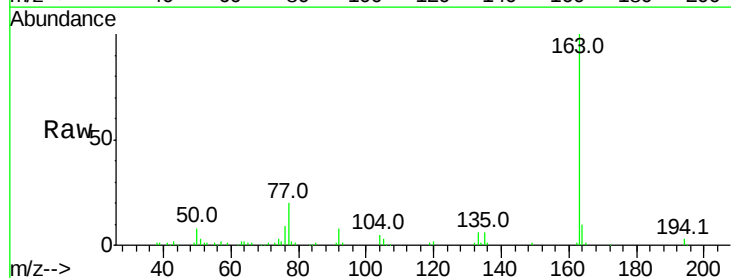


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

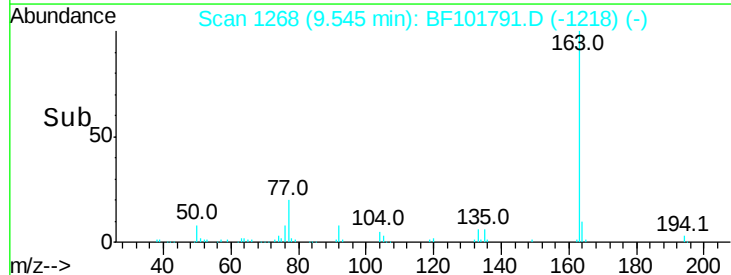
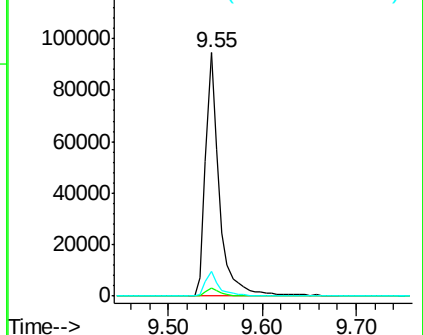


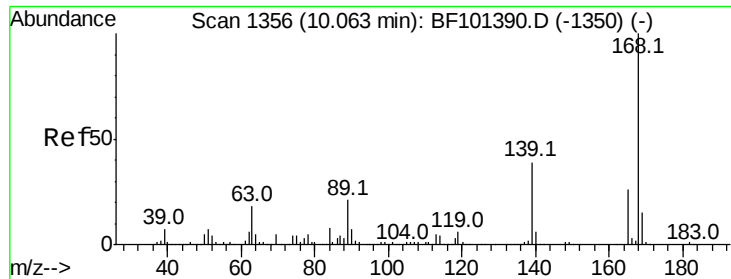
#49
 Dimethylphthalate
 Concen: 6.423 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF101791.D
 Acq: 28 Dec 2017 5:24

Tgt Ion:163 Resp: 97536
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.7 4.1
 164 10.0 8.2 12.2



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

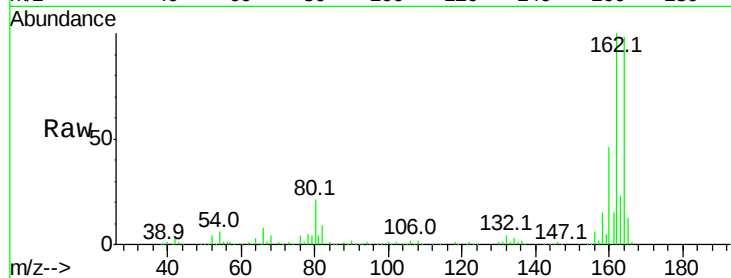




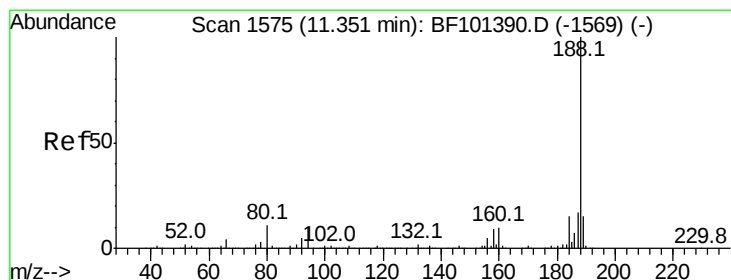
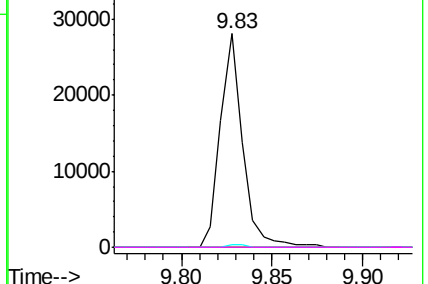
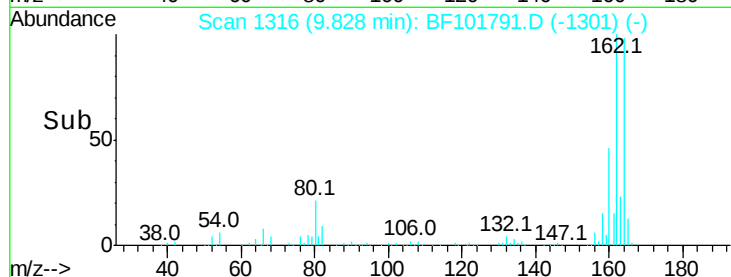
#56
 2,4-Dinitrotoluene
 Concen: 6.992 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF101791.D
 Acq: 28 Dec 2017 5:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 24313
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#

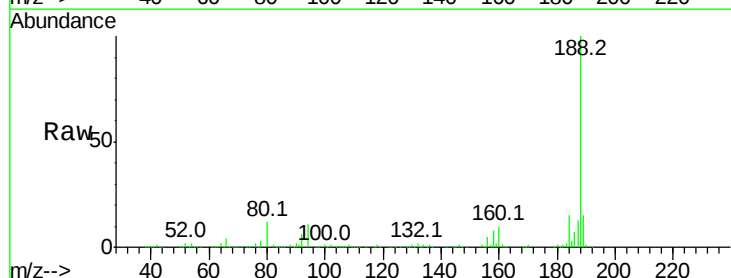


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

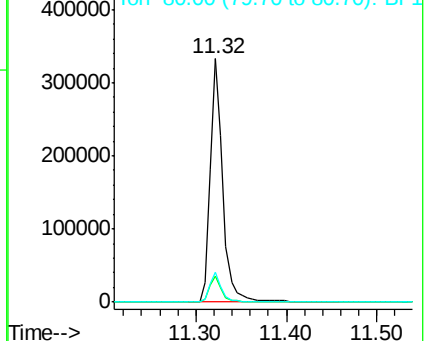
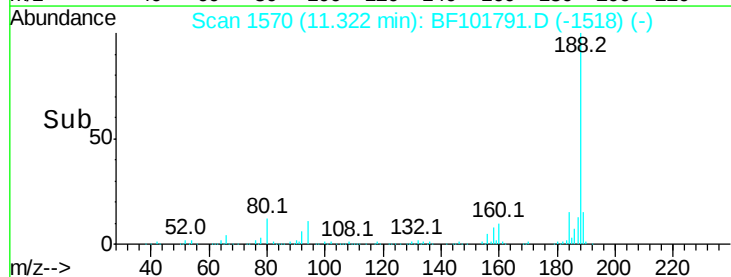


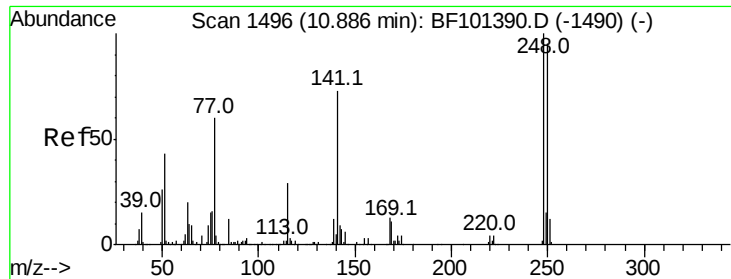
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: BF101791.D
 Acq: 28 Dec 2017 5:24

Tgt Ion:188 Resp: 326395
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 12.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

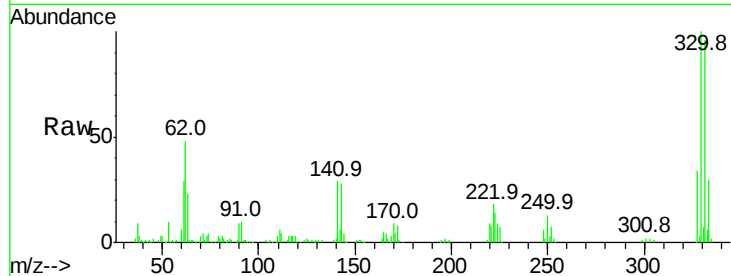




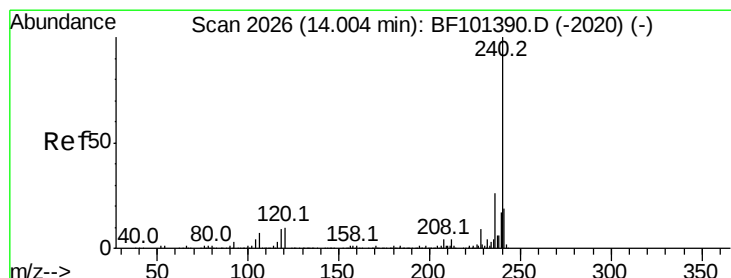
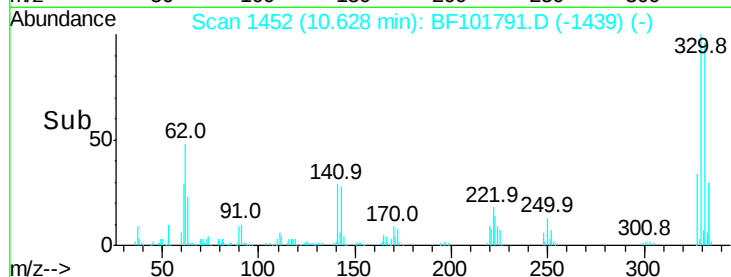
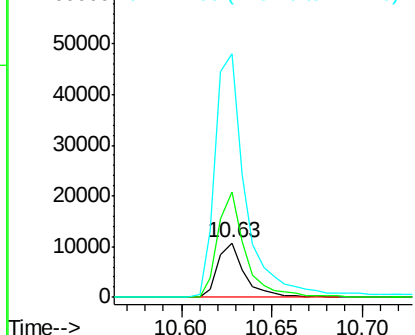
#66
 4-Bromophenyl-phenylether
 Concen: 3.044 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.22 min
 Lab File: BF101791.D
 Acq: 28 Dec 2017 5:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 11165
 Ion Ratio Lower Upper
 248 100
 250 193.7 76.9 115.3#
 141 445.3 74.4 111.6#

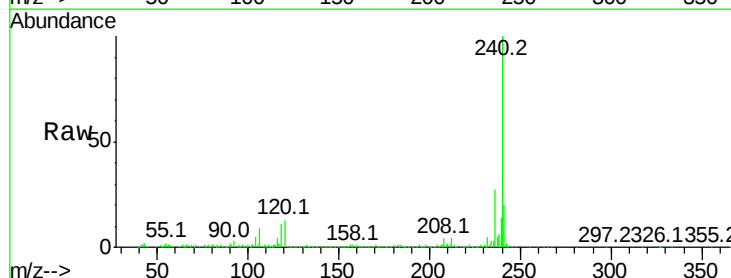


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

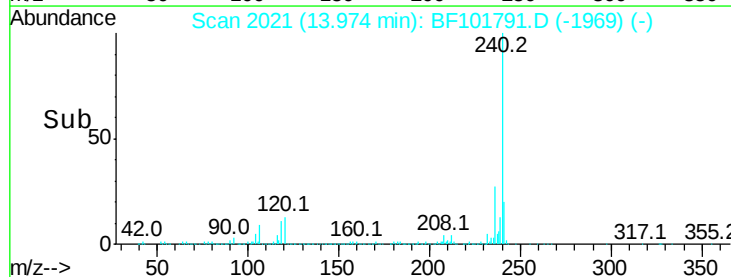
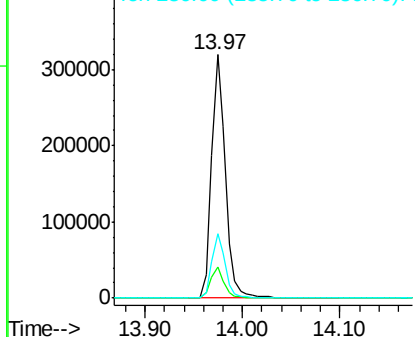


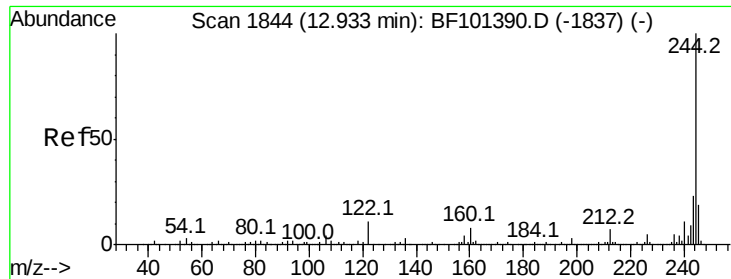
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: BF101791.D
 Acq: 28 Dec 2017 5:24

Tgt Ion:240 Resp: 314378
 Ion Ratio Lower Upper
 240 100
 120 12.8 9.5 14.3
 236 26.7 20.7 31.1



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: 61.968 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF101791.D

Acq: 28 Dec 2017 5:24

Instrument :

BNA_F

ClientSampleId :

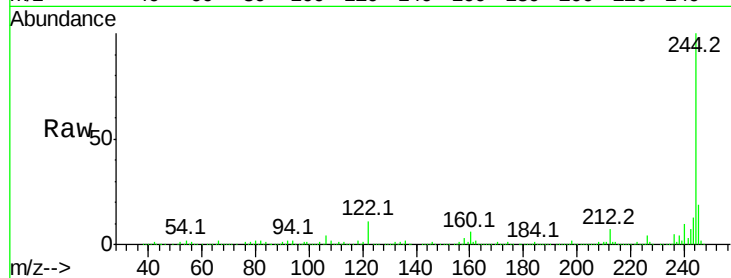
Tot Ion:244 Resp: 808104

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

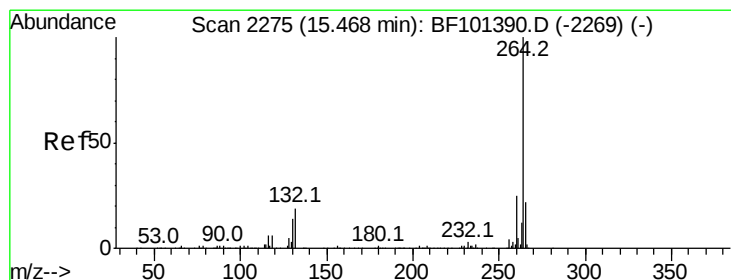
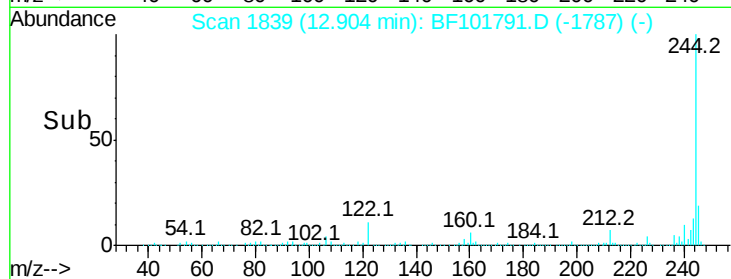
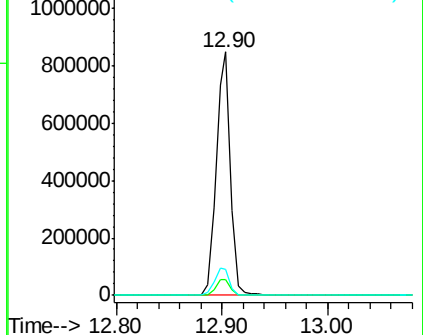
122 10.9 11.0 16.4#



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: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. 0.02 min

Lab File: BF101791.D

Acq: 28 Dec 2017 5:24

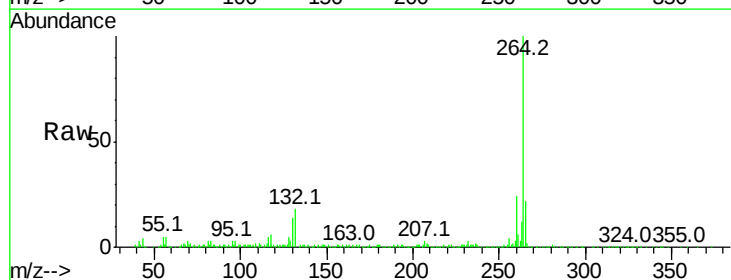
Tgt Ion:264 Resp: 249527

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.9 17.5 26.3



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

