

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010218\
 Data File : BF101848.D
 Acq On : 2 Jan 2018 13:56
 Operator : SJ/JU
 Sample : I7100-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 02 14:39:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

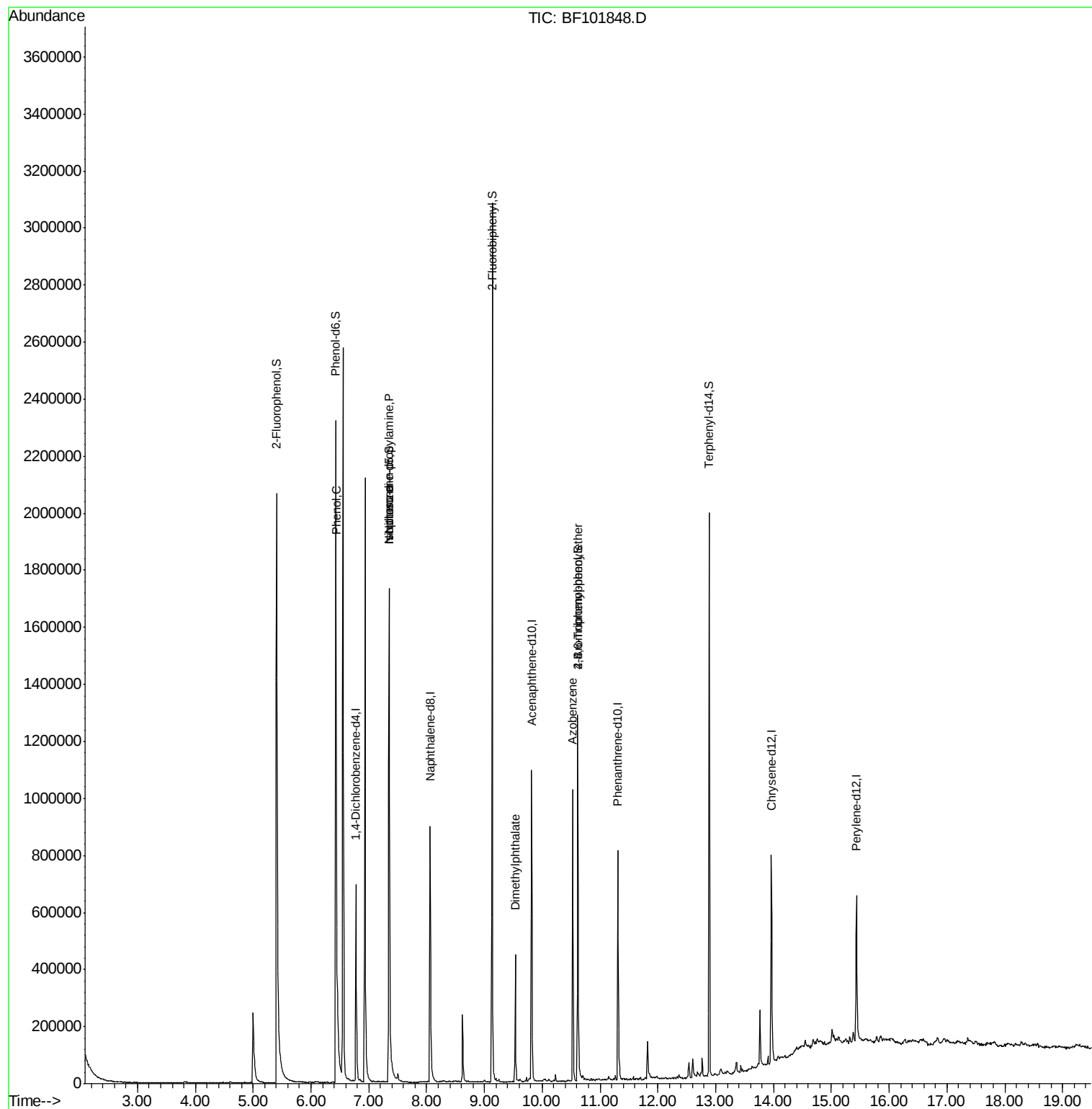
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	127299	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	499857	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	197869	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	311182	20.00	ng	0.00
75) Chrysene-d12	13.96	240	249254	20.00	ng	-0.01
86) Perylene-d12	15.43	264	260259	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	899226	105.22	ng	0.00
7) Phenol-d6	6.43	99	1084883	102.00	ng	0.00
23) Nitrobenzene-d5	7.35	82	674641	75.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	174280	91.41	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	978333	76.70	ng	0.00
78) Terphenyl-d14	12.89	244	696780	67.39	ng	-0.01
Target Compounds						
10) Phenol	6.44	94	43543	3.592	ng	# 45
19) n-Nitroso-di-n-propylamine	7.35	70	88199	12.627	ng	# 80
25) Isophorone	7.35	82	674641	37.452	ng	# 64
49) Dimethylphthalate	9.53	163	198992	12.503	ng	97
62) Azobenzene	10.53	77	164996	10.106	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	10874	3.110	ng	# 1

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

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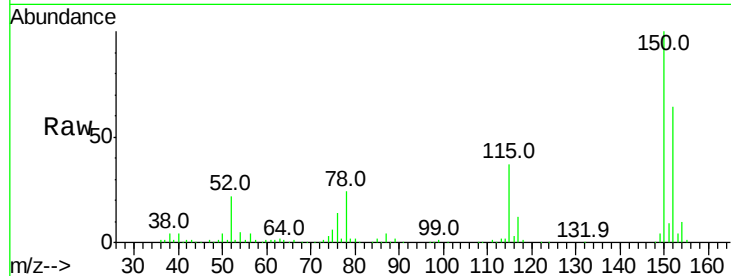


#1

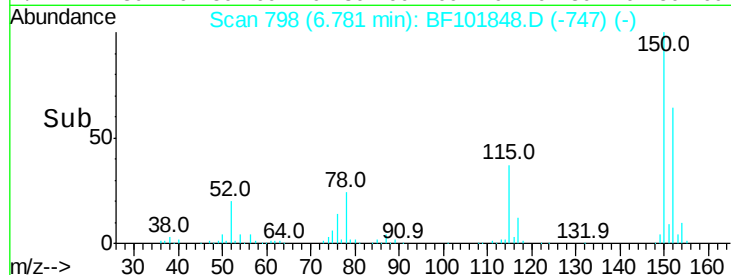
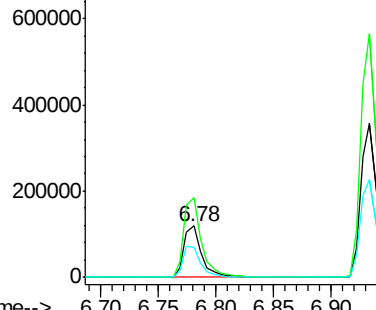
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF101848.D
Acq: 2 Jan 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 127299
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 58.1 50.1 75.1



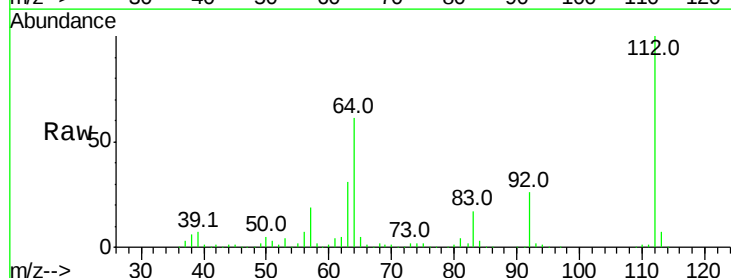
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



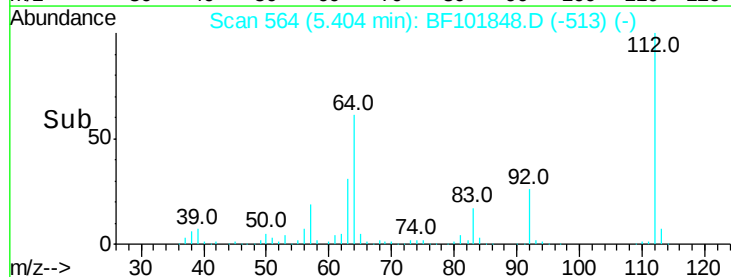
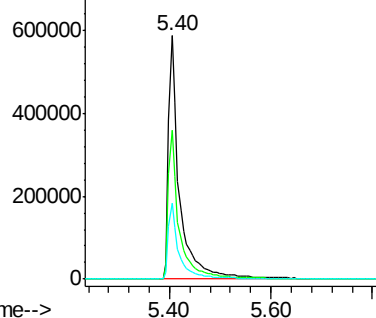
#5

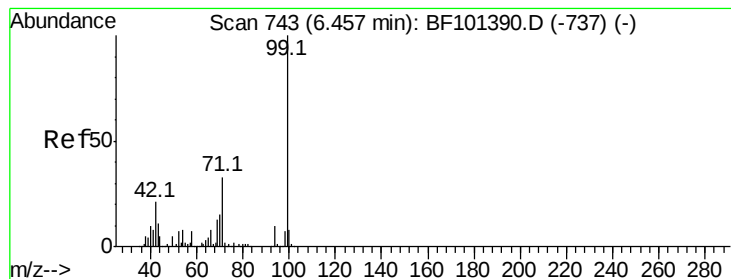
2-Fluorophenol
Concen: 105.222 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF101848.D
Acq: 2 Jan 2018 13:56

Tgt Ion:112 Resp: 899226
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 31.0 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: 102.003 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101848.D

Acq: 2 Jan 2018 13:56

Instrument :

BNA_F

ClientSampled :

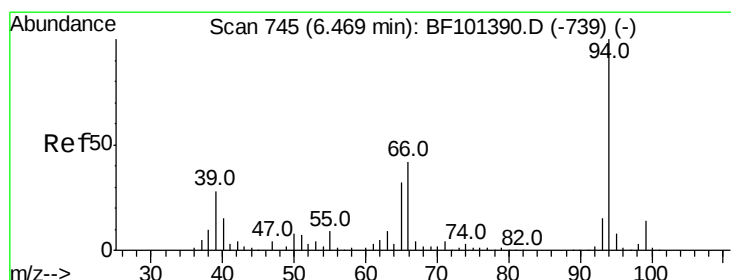
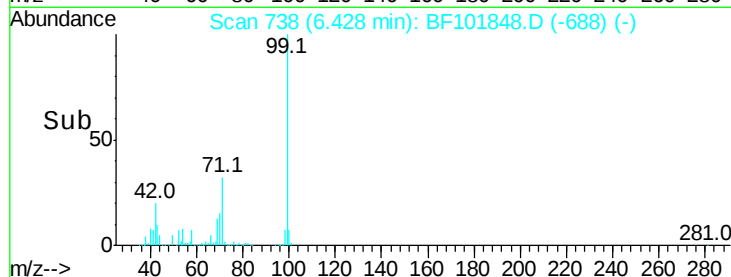
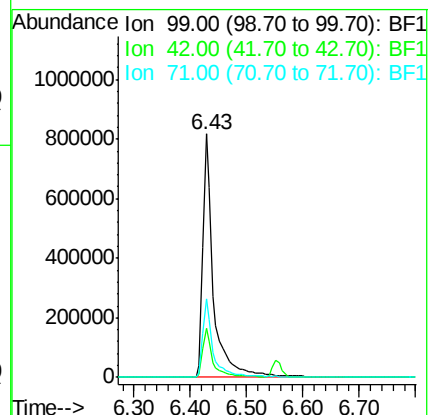
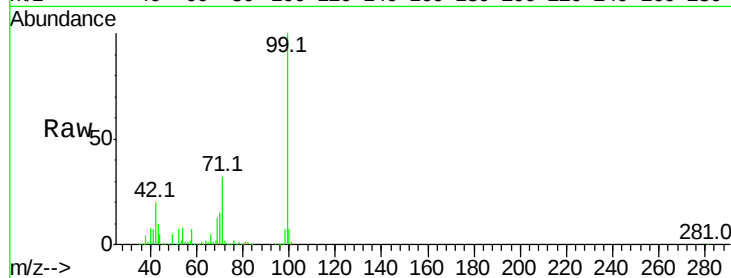
Tot Ion: 99 Resp: 1084883

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

71 32.2 25.4 38.0



#10

Phenol

Concen: 3.592 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF101848.D

Acq: 2 Jan 2018 13:56

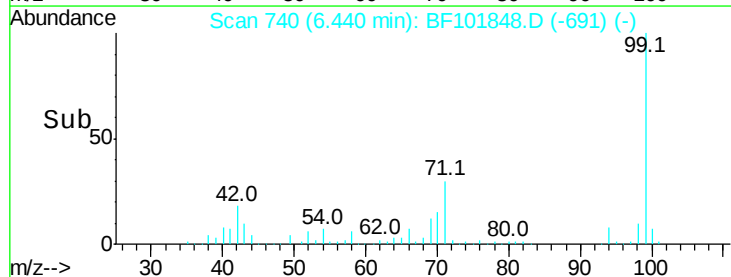
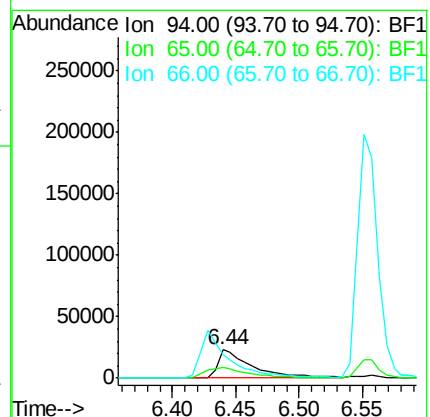
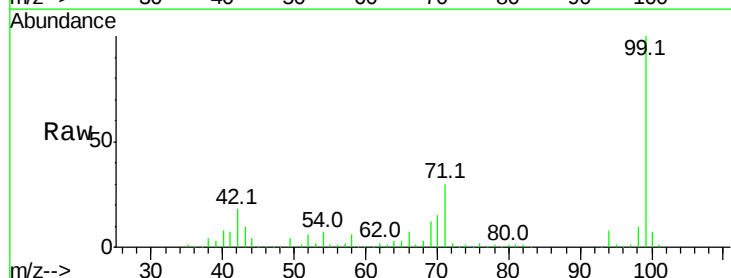
Tgt Ion: 94 Resp: 43543

Ion Ratio Lower Upper

94 100

65 38.6 7.9 47.9

66 84.0 16.2 56.2#





#19

n-Nitroso-di-n-propylamine

Concen: 12.627 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.15 min

Lab File: BF101848.D

Acq: 2 Jan 2018 13:56

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 88199

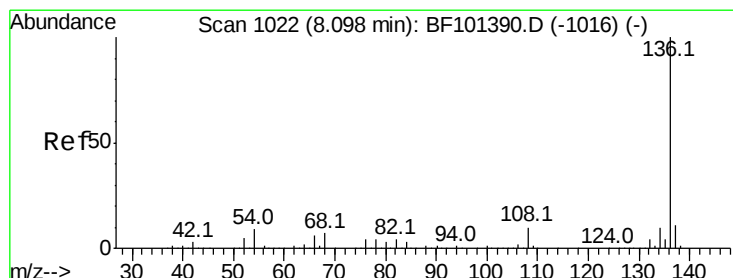
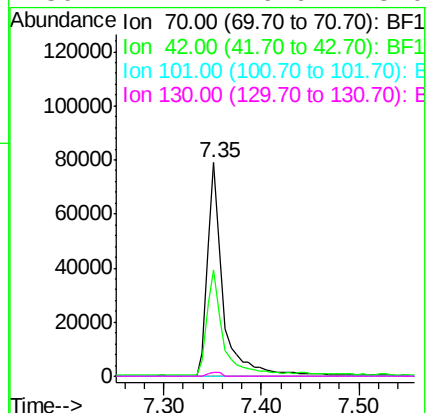
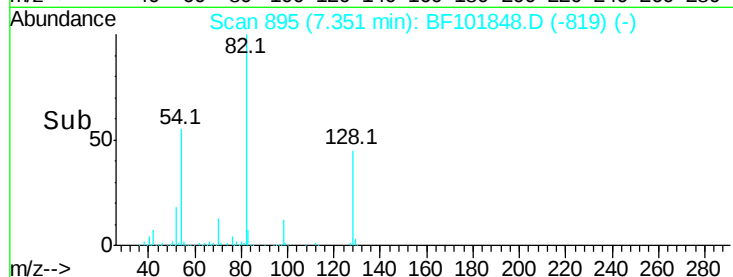
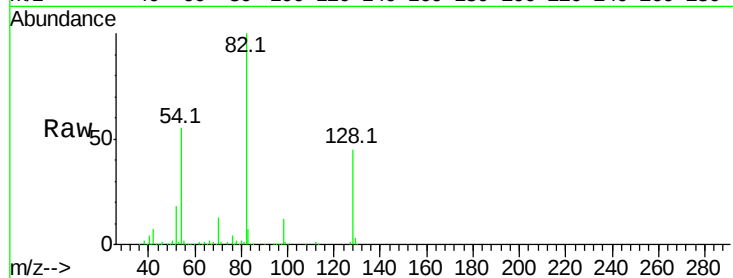
Ion Ratio Lower Upper

70 100

42 49.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF101848.D

Acq: 2 Jan 2018 13:56

Tgt Ion: 136 Resp: 499857

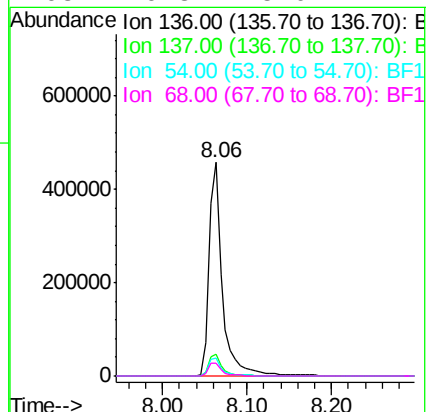
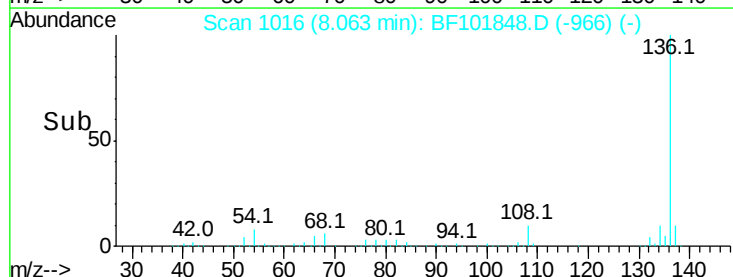
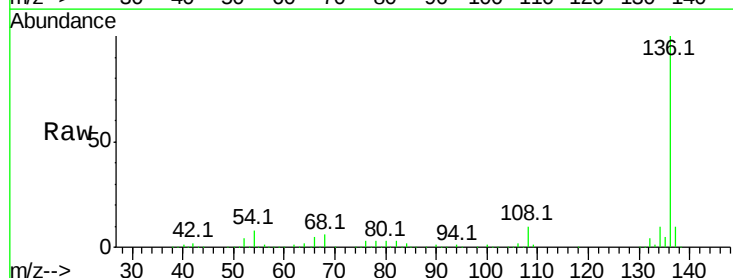
Ion Ratio Lower Upper

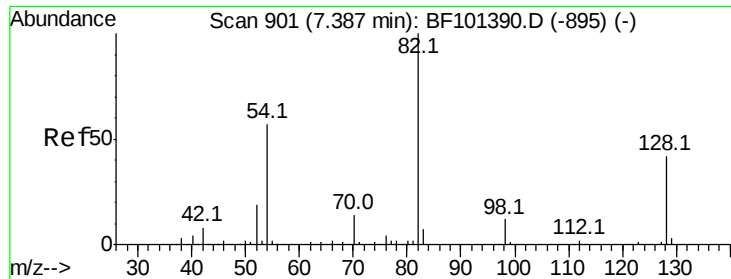
136 100

137 10.3 8.9 13.3

54 8.2 6.6 9.8

68 6.3 5.0 7.4

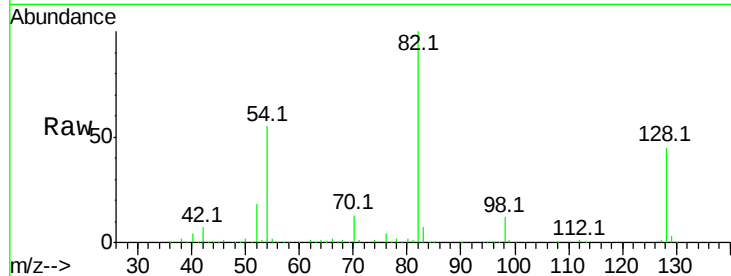




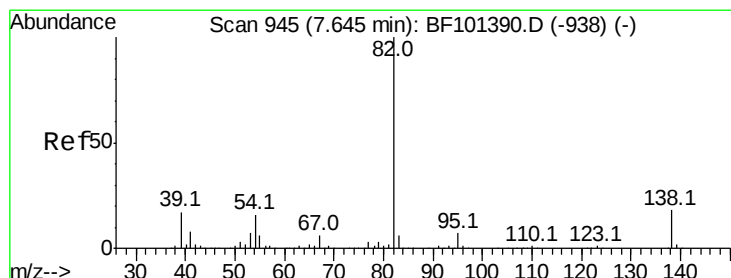
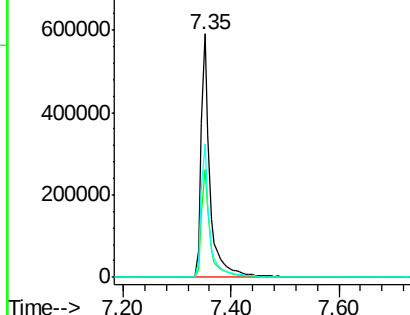
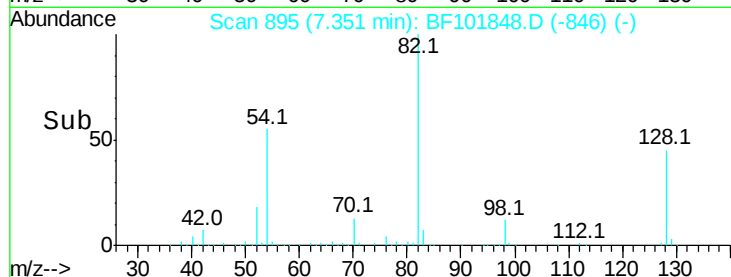
#23
Nitrobenzene-d5
Concen: 75.130 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF101848.D
Acq: 2 Jan 2018 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	54.9	41.4	62.2

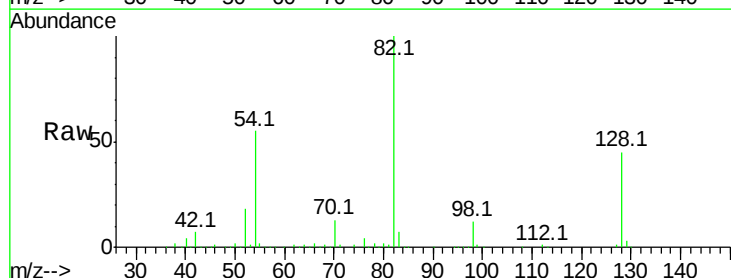


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

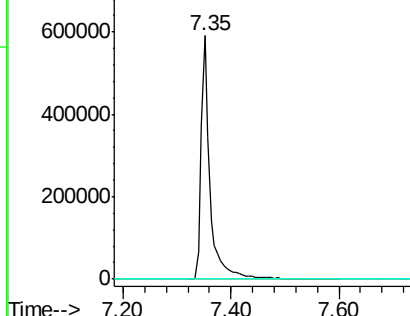
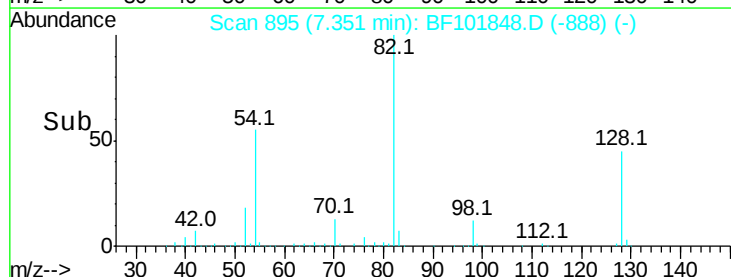


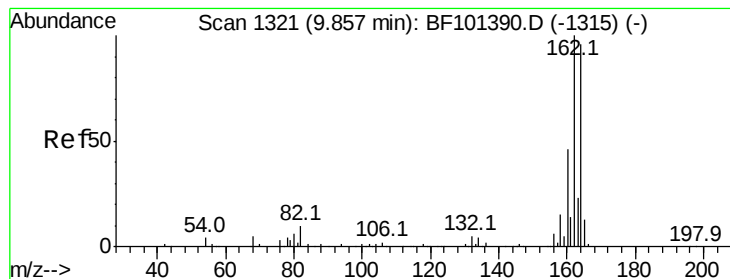
#25
Isophorone
Concen: 37.452 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF101848.D
Acq: 2 Jan 2018 13:56

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.1	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: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF101848.D

Acq: 2 Jan 2018 13:56

Instrument :

BNA_F

ClientSampleId :

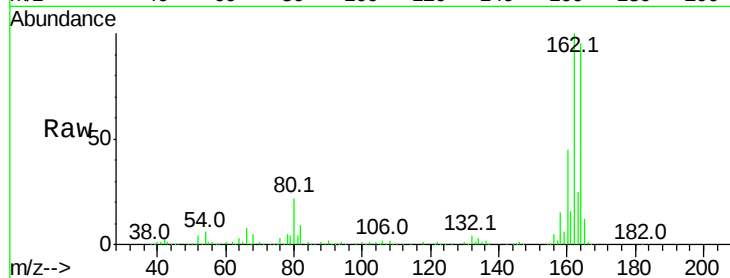
Tot Ion:164 Resp: 197869

Ion Ratio Lower Upper

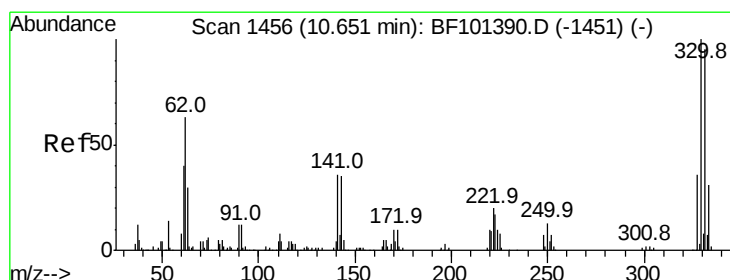
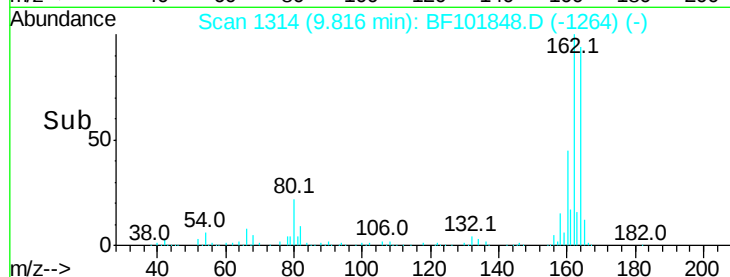
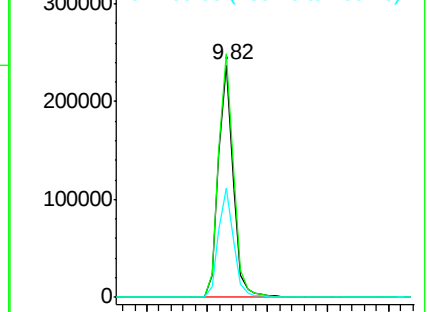
164 100

162 104.9 86.1 129.1

160 46.9 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: 91.408 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF101848.D

Acq: 2 Jan 2018 13:56

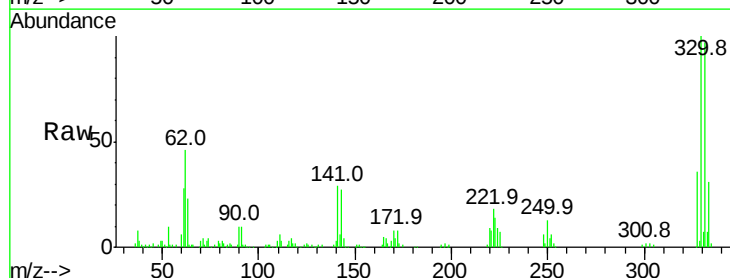
Tgt Ion:330 Resp: 174280

Ion Ratio Lower Upper

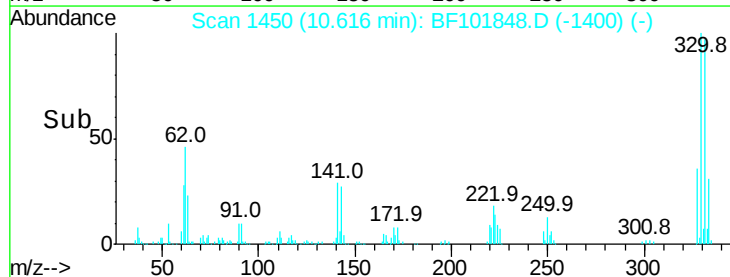
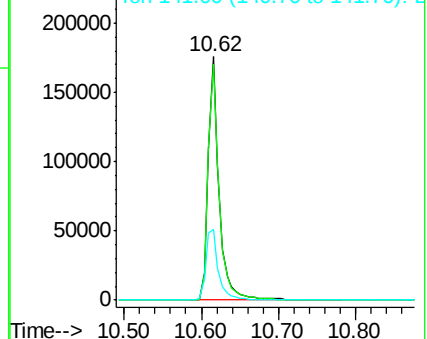
330 100

332 98.2 77.0 115.6

141 33.1 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

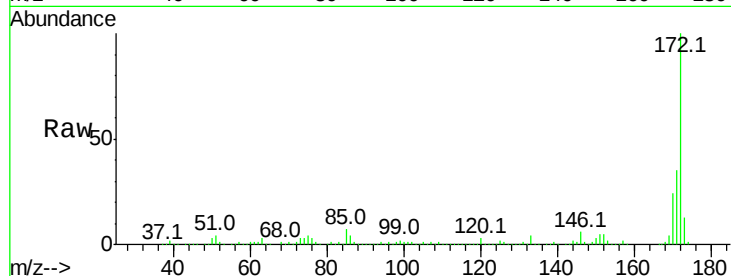




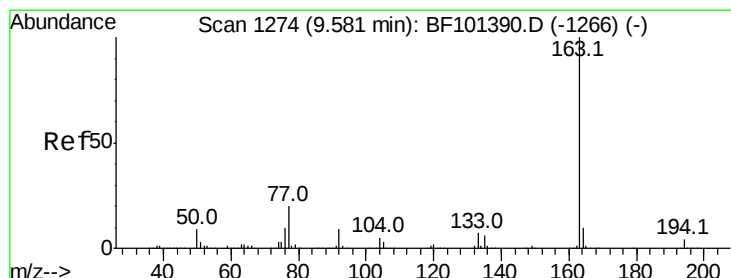
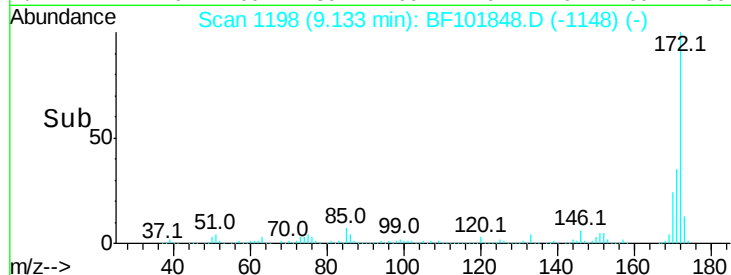
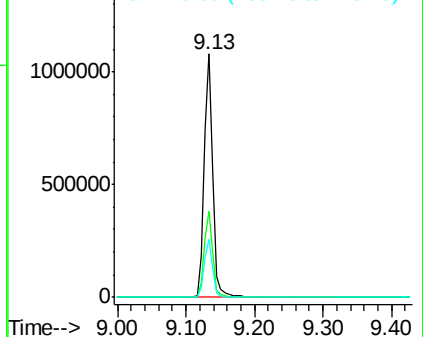
#44
2-Fluorobiphenyl
Concen: 76.699 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF101848.D
Acq: 2 Jan 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 978333
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 23.9 19.6 29.4

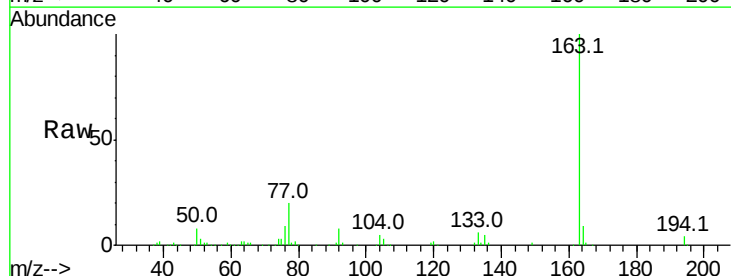


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

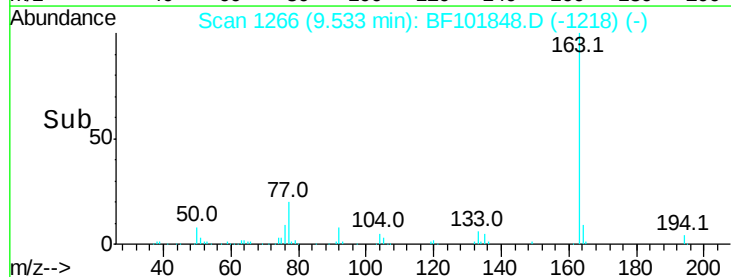
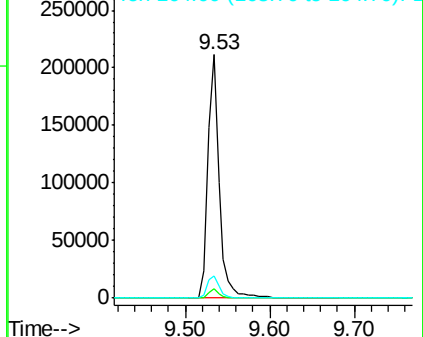


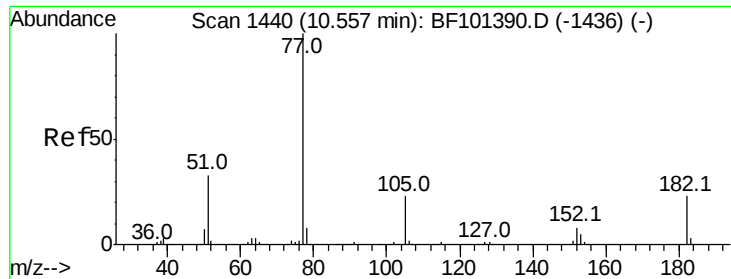
#49
Dimethylphthalate
Concen: 12.503 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF101848.D
Acq: 2 Jan 2018 13:56

Tgt Ion:163 Resp: 198992
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.0 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





#62

Azobenzene

Concen: 10.106 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF101848.D

Acq: 2 Jan 2018 13:56

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 164996

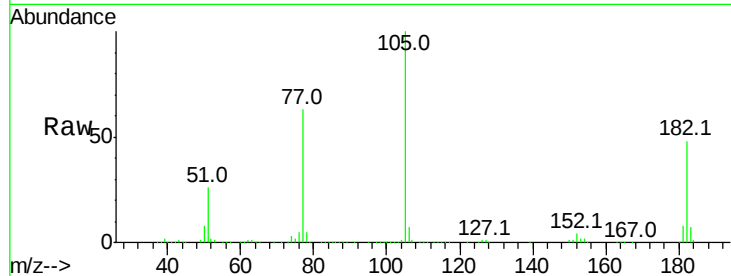
Ion Ratio Lower Upper

77 100

182 76.5 1.7 41.7#

105 157.8 3.0 43.0#

51 41.0 9.9 49.9

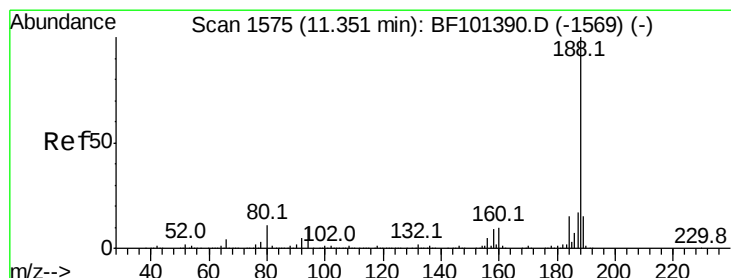
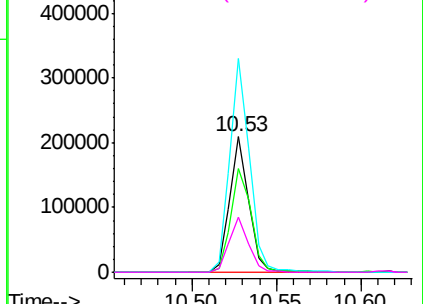
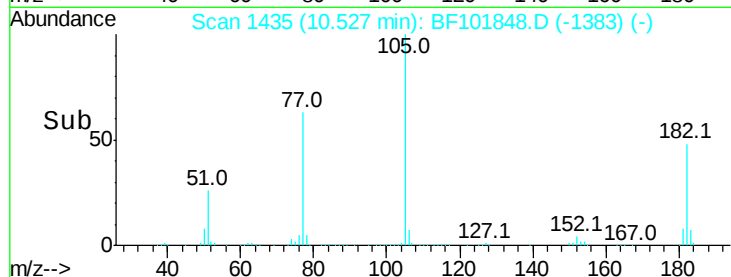


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF101848.D

Acq: 2 Jan 2018 13:56

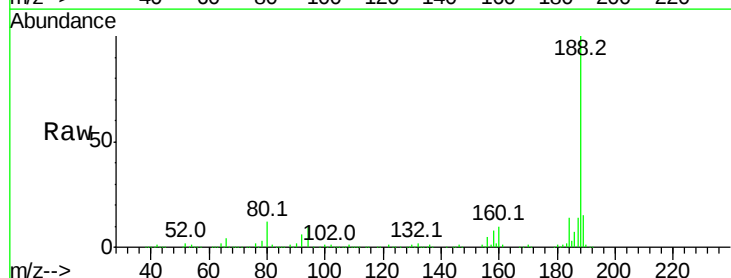
Tgt Ion: 188 Resp: 311182

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

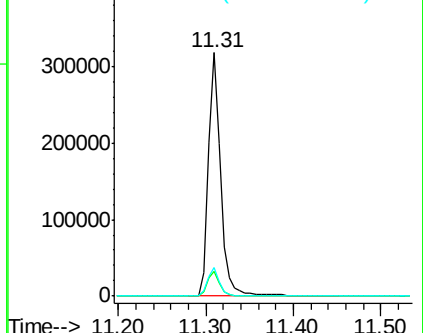
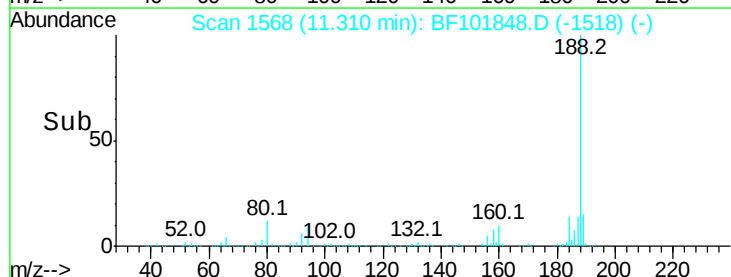
80 11.8 9.2 13.8

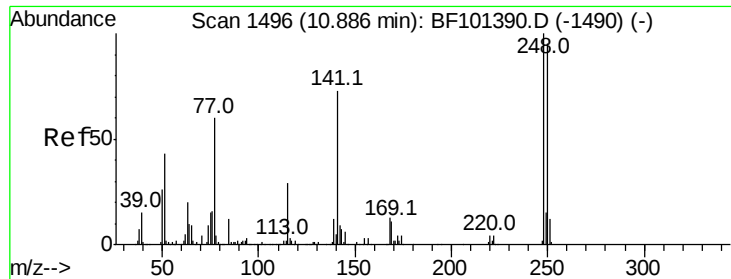


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

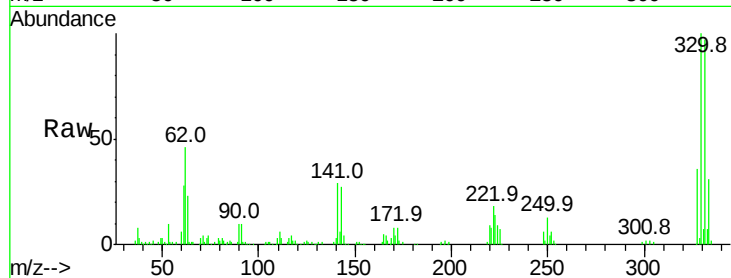




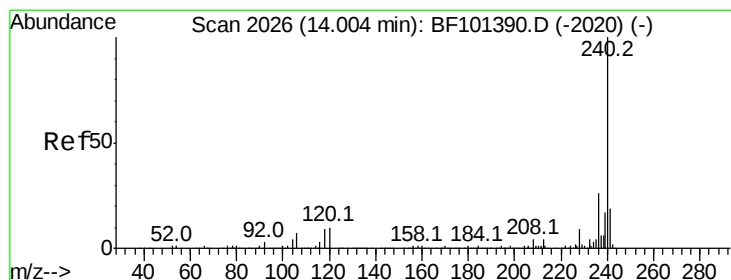
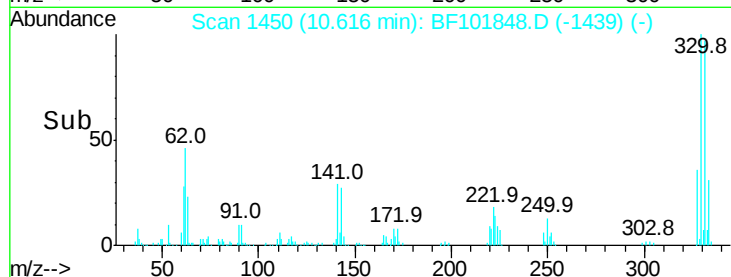
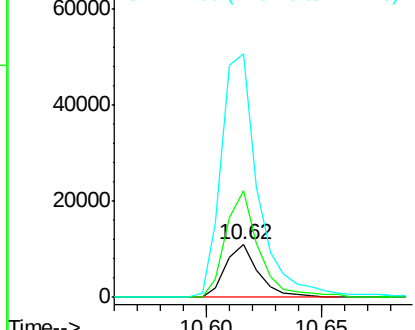
#66
 4-Bromophenyl-phenylether
 Concen: 3.110 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.24 min
 Lab File: BF101848.D
 Acq: 2 Jan 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10874
 Ion Ratio Lower Upper
 248 100
 250 202.8 76.9 115.3#
 141 461.4 74.4 111.6#

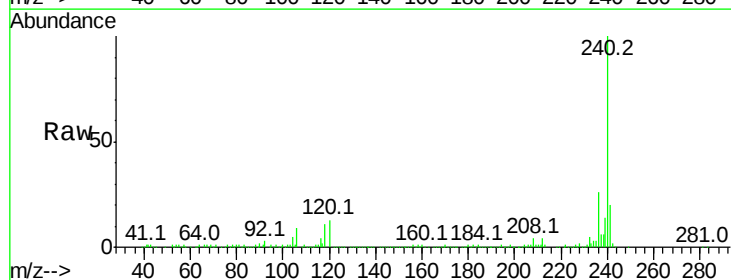


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

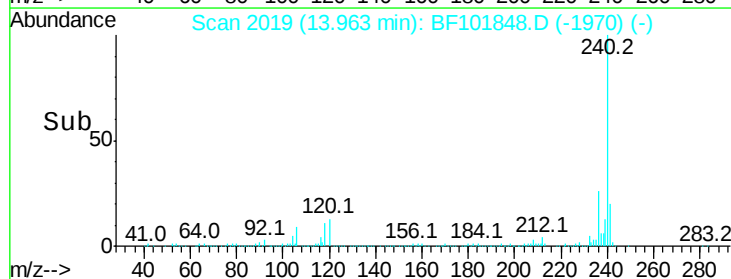
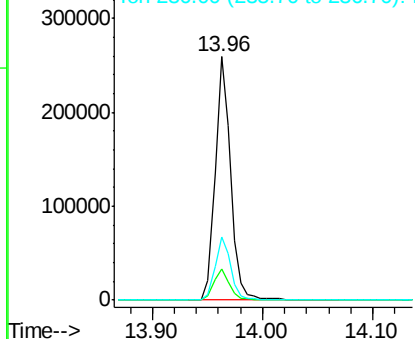


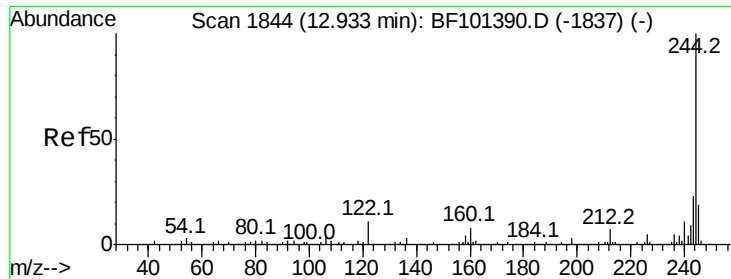
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF101848.D
 Acq: 2 Jan 2018 13:56

Tgt Ion:240 Resp: 249254
 Ion Ratio Lower Upper
 240 100
 120 12.7 9.5 14.3
 236 26.1 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

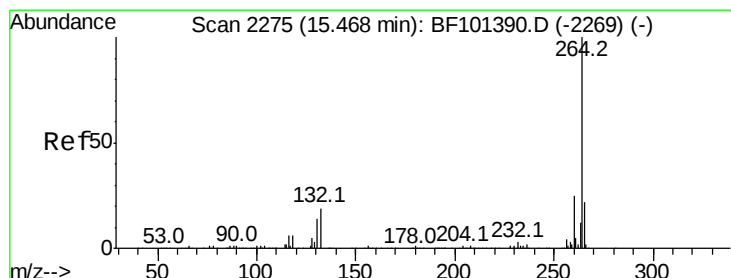
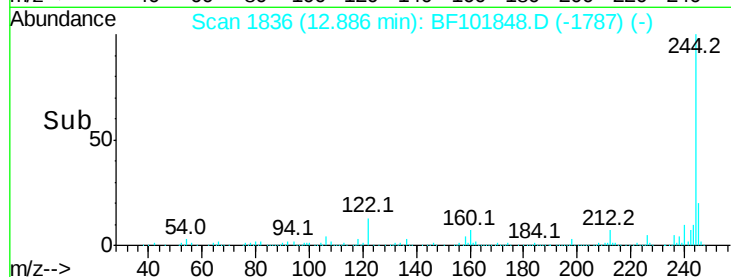
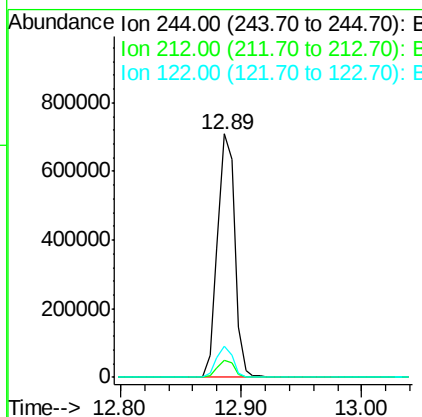
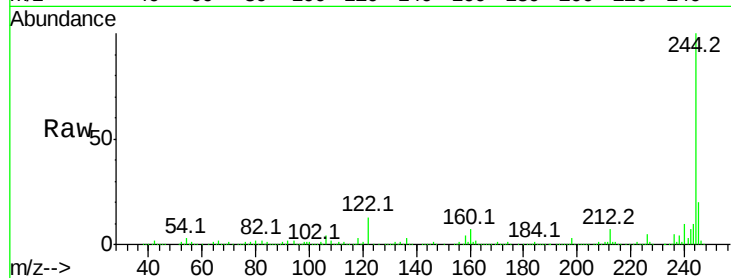




#78
 Terphenyl-d14
 Concen: 67.392 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF101848.D
 Acq: 2 Jan 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 696780
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF101848.D
 Acq: 2 Jan 2018 13:56

Tgt Ion:264 Resp: 260259
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.2 17.5 26.3

