

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF010518\
 Data File : BF101931.D
 Acq On : 5 Jan 2018 15:54
 Operator : SJ/JU
 Sample : J1017-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4422

Quant Time: Jan 05 16:24:37 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

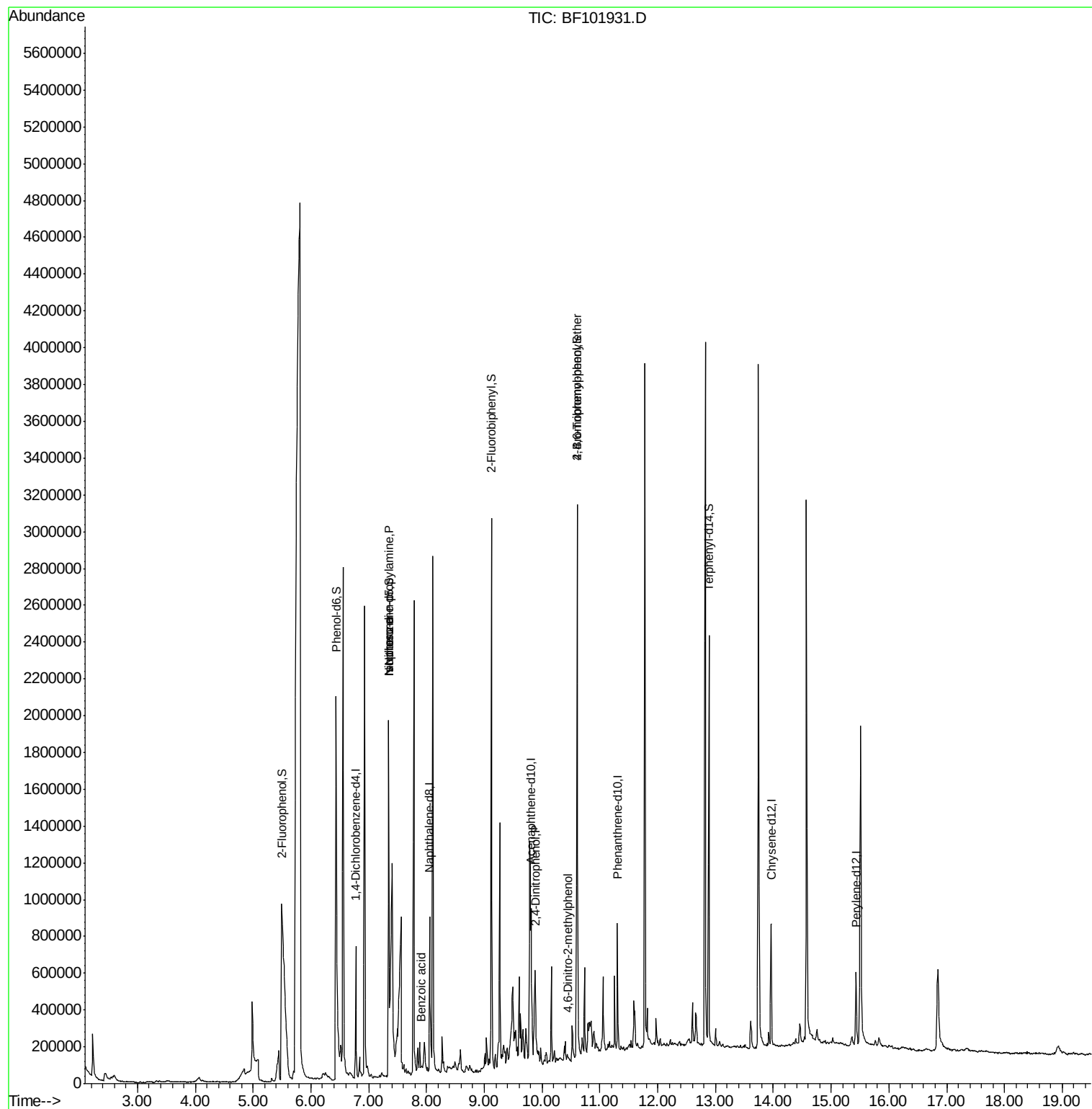
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	121201	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	446187	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	148522	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	237193	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	262617	20.00	ng	-0.01
86) Perylene-d12	15.43	264	207465	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1116416	137.21	ng	0.09
7) Phenol-d6	6.43	99	1060369	104.71	ng	0.00
23) Nitrobenzene-d5	7.35	82	780742	97.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	145505	101.67	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	992071	103.62	ng	-0.01
78) Terphenyl-d14	12.89	244	798136	73.27	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	106287	15.983	ng	# 82
25) Isophorone	7.35	82	776056	48.264	ng	# 64
32) Benzoic acid	7.90	122	19705	11.728	ng	97
53) 2,4-Dinitrophenol	9.88	184	1603	11.971	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.45	198	6945	5.738	ng	# 56
66) 4-Bromophenyl-phenylether	10.61	248	9479	3.557	ng	# 1

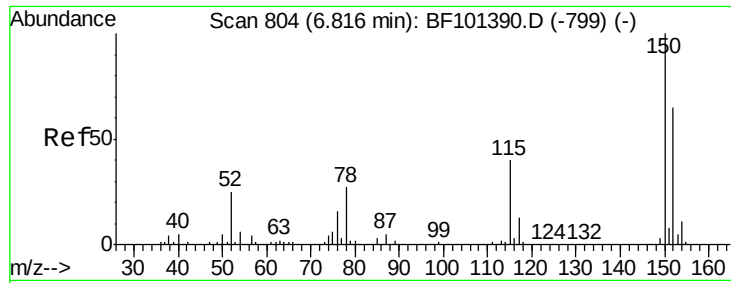
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF010518\
Data File : BF101931.D
Acq On : 5 Jan 2018 15:54
Operator : SJ/JU
Sample : J1017-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
4422

Quant Time: Jan 05 16:24:37 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

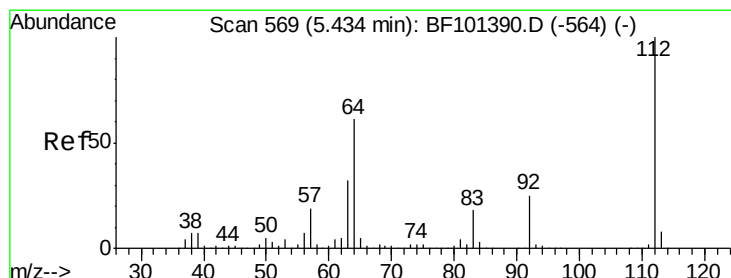
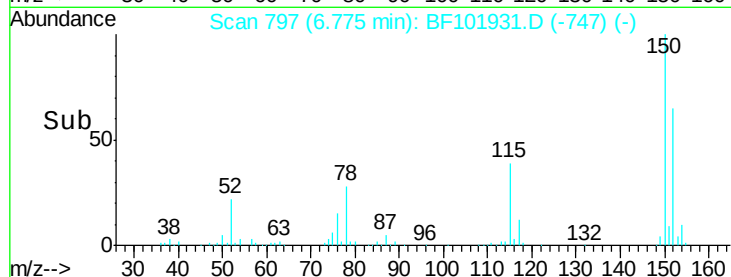
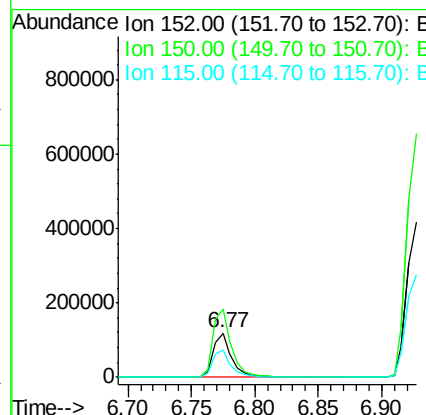
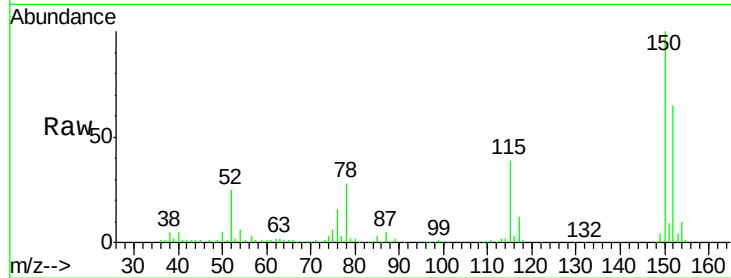




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF101931.D
 Acq: 5 Jan 2018 15:54

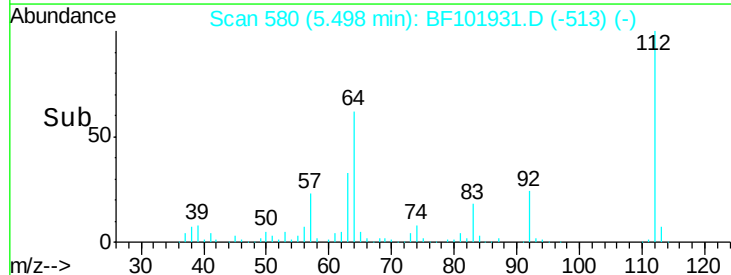
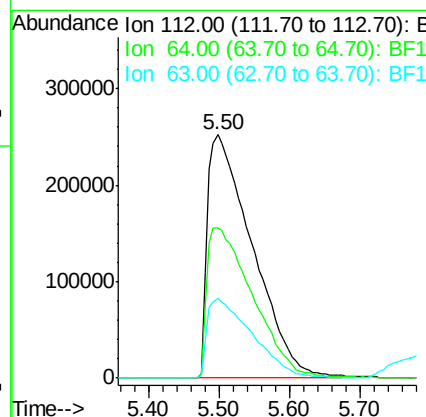
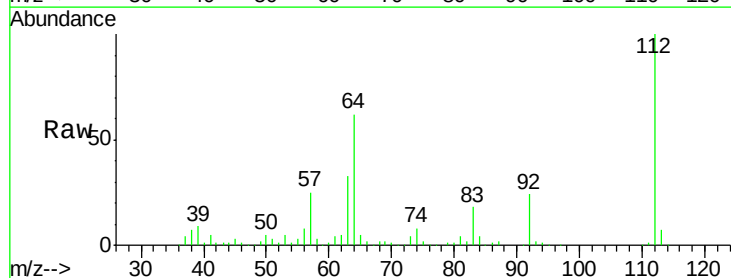
Instrument :
 BNA_F
 ClientSampleId :
 4422

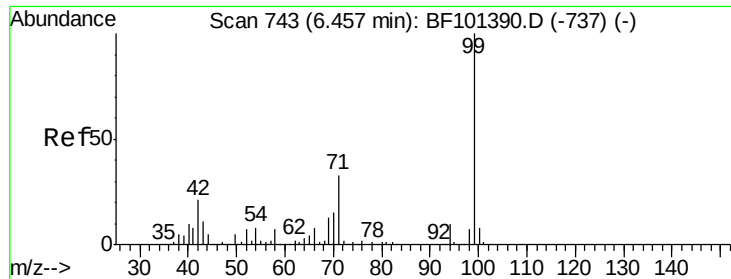
Tgt Ion:152 Resp: 121201
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.6 186.8
 115 60.7 50.1 75.1



#5
 2-Fluorophenol
 Concen: 137.209 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.09 min
 Lab File: BF101931.D
 Acq: 5 Jan 2018 15:54

Tgt Ion:112 Resp: 1116416
 Ion Ratio Lower Upper
 112 100
 64 61.5 47.9 71.9
 63 32.6 23.7 35.5





#7

Phenol-d6

Concen: 104.714 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF101931.D

Acq: 5 Jan 2018 15:54

Instrument :

BNA_F

ClientSampleId :
4422

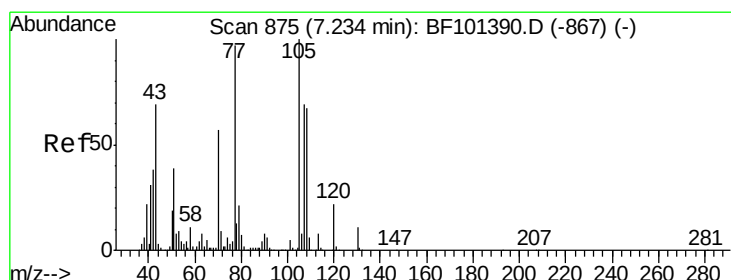
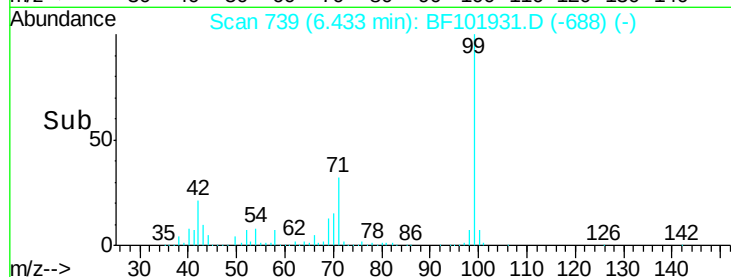
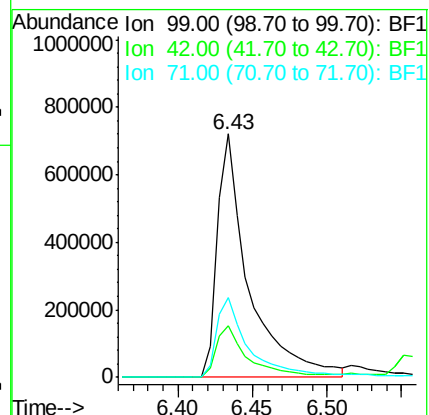
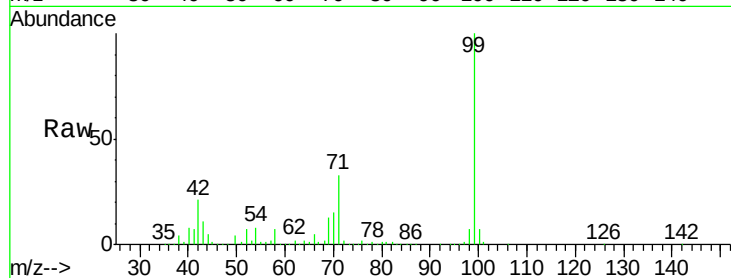
Tgt Ion: 99 Resp: 1060369

Ion Ratio Lower Upper

99 100

42 21.4 14.5 21.7

71 32.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.983 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF101931.D

Acq: 5 Jan 2018 15:54

Tgt Ion: 70 Resp: 106287

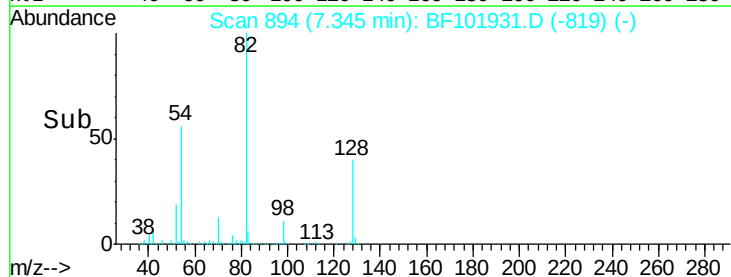
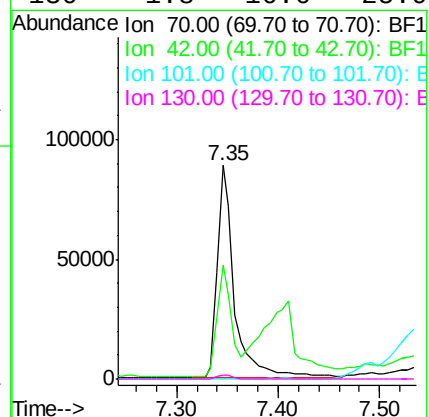
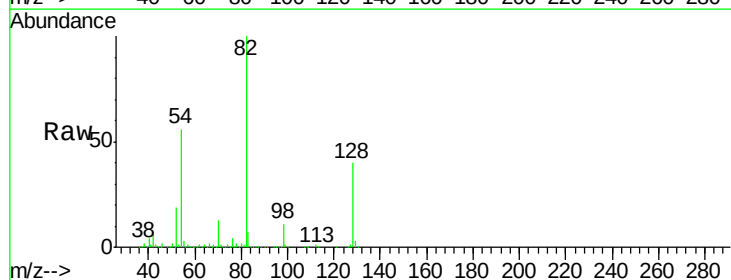
Ion Ratio Lower Upper

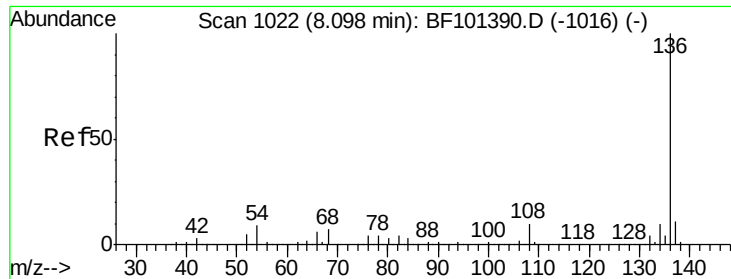
70 100

42 53.3 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

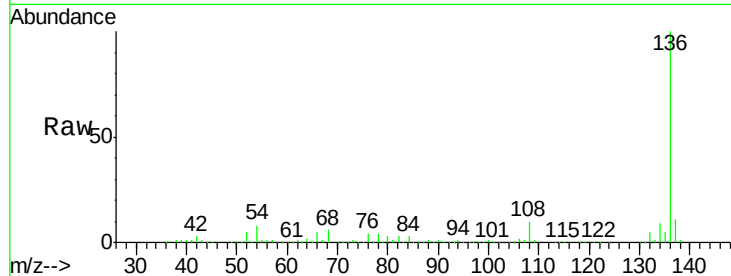




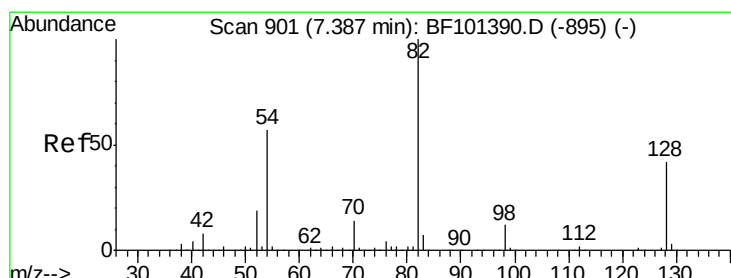
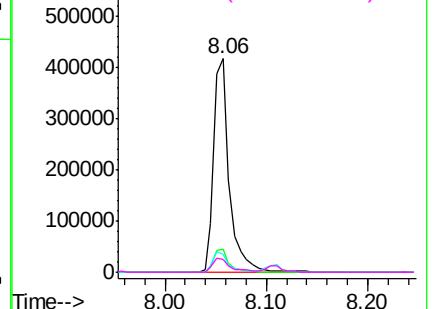
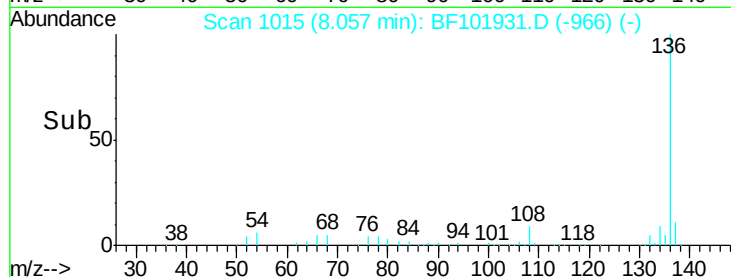
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF101931.D
Acq: 5 Jan 2018 15:54

Instrument :
BNA_F
ClientSampleId :
4422

Tgt Ion:	136	Resp:	446187
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.2	6.6	9.8
68	6.0	5.0	7.4

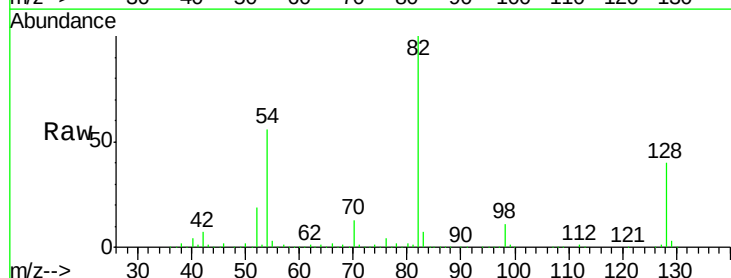


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

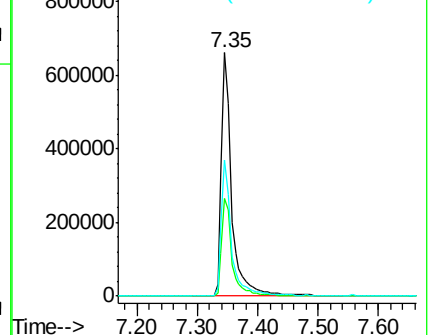
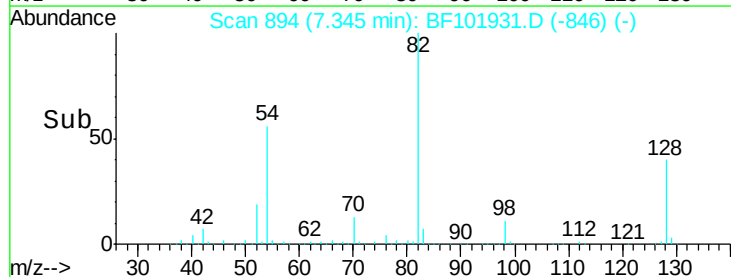


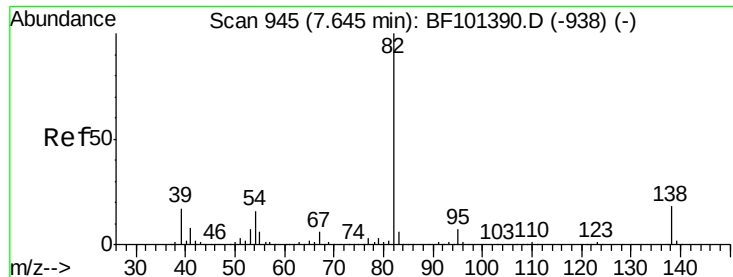
#23
Nitrobenzene-d5
Concen: 97.404 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF101931.D
Acq: 5 Jan 2018 15:54

Tgt Ion:	82	Resp:	780742
Ion	Ratio	Lower	Upper
82	100		
128	39.9	36.1	54.1
54	55.8	41.4	62.2



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





#25

Isophorone

Concen: 48.264 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF101931.D

Acq: 5 Jan 2018 15:54

Instrument :

BNA_F

ClientSampleId :

4422

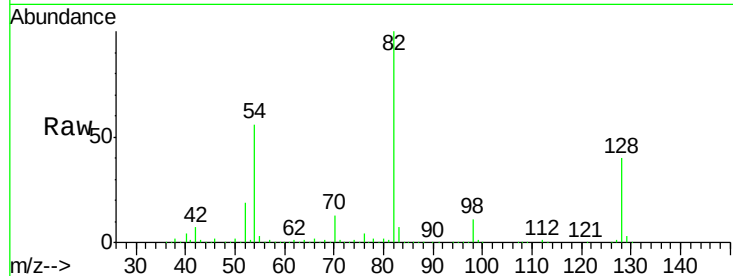
Tgt Ion: 82 Resp: 776056

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

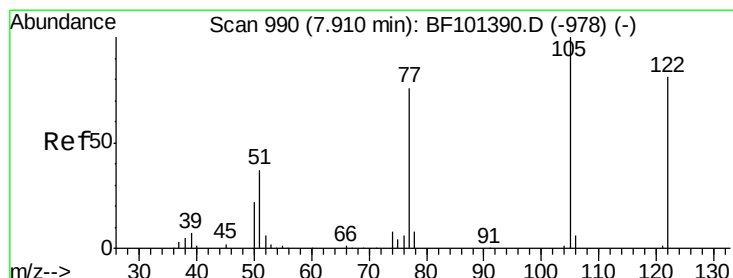
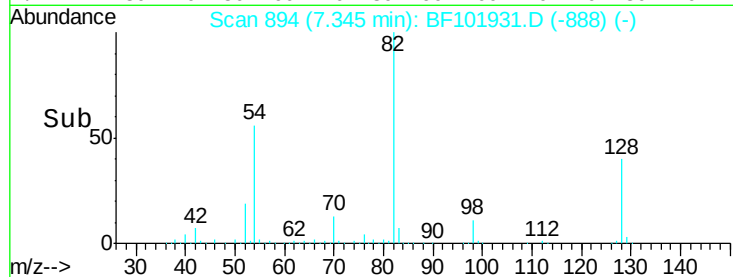
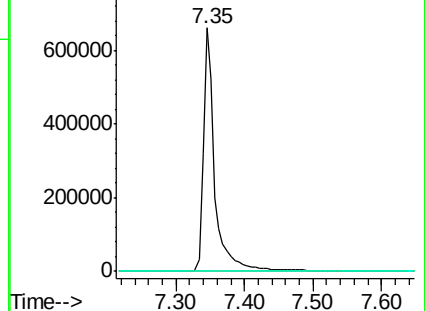
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 11.728 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF101931.D

Acq: 5 Jan 2018 15:54

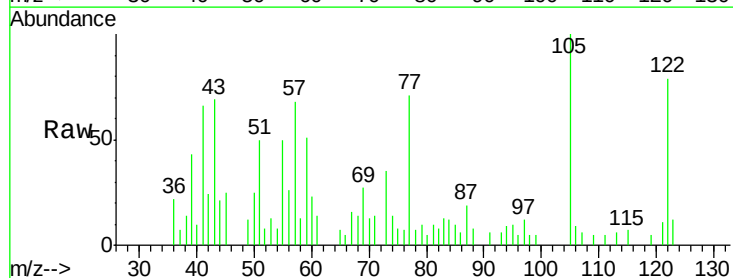
Tgt Ion: 122 Resp: 19705

Ion Ratio Lower Upper

122 100

105 125.9 101.1 141.1

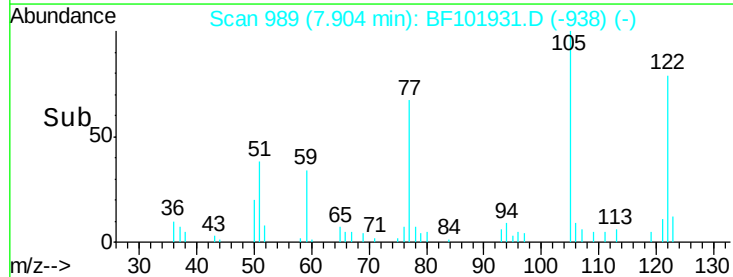
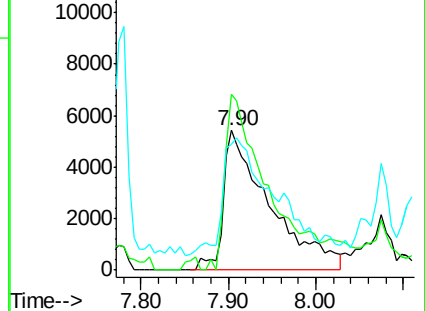
77 89.9 70.7 110.7

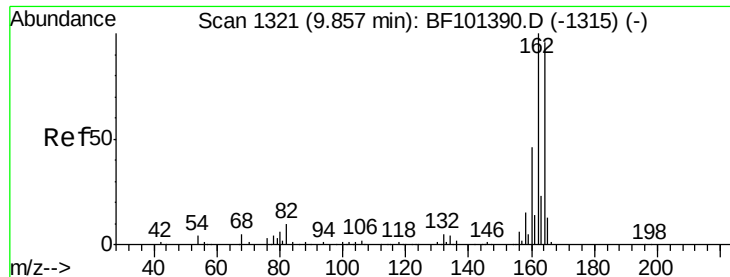


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF101931.D

Acq: 5 Jan 2018 15:54

Instrument :

BNA_F

ClientSampleId :

4422

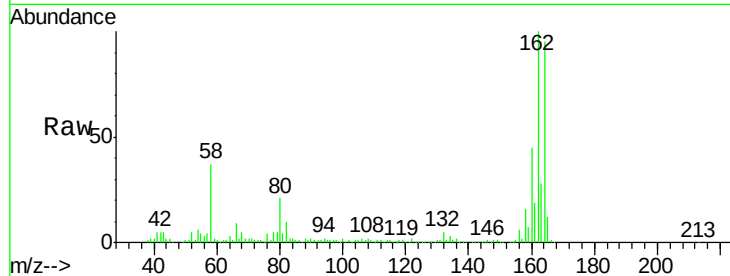
Tgt Ion:164 Resp: 148522

Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

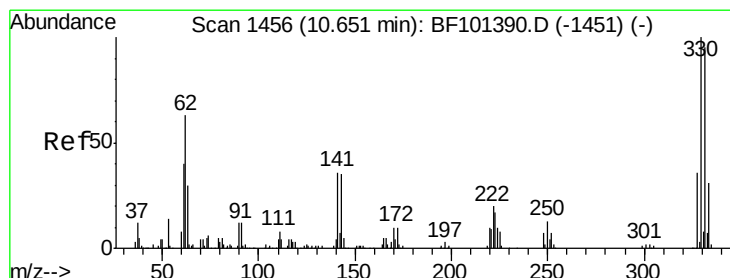
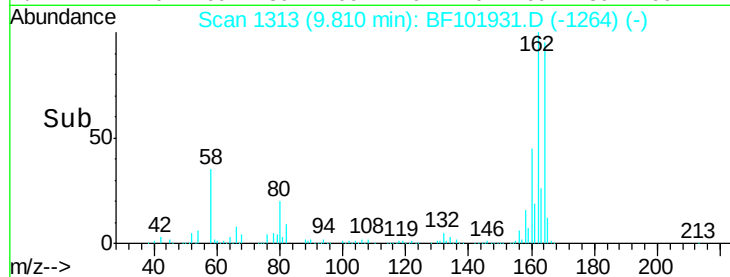
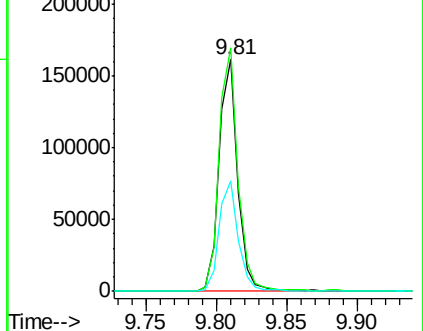
160 47.5 38.3 57.5



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: 101.672 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF101931.D

Acq: 5 Jan 2018 15:54

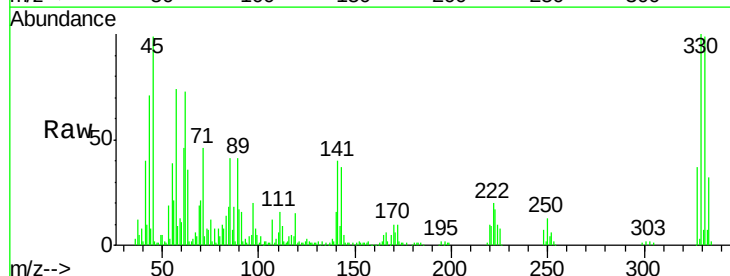
Tgt Ion:330 Resp: 145505

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

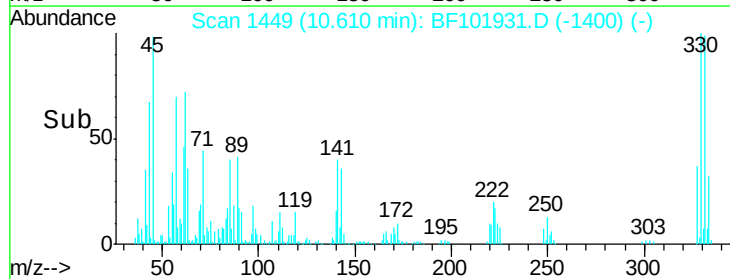
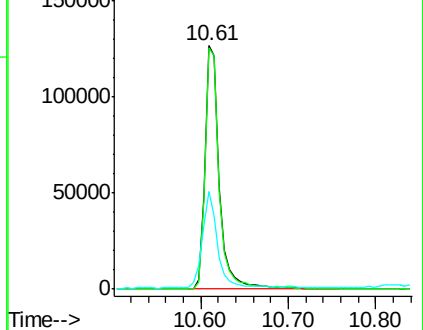
141 41.3 29.9 44.9

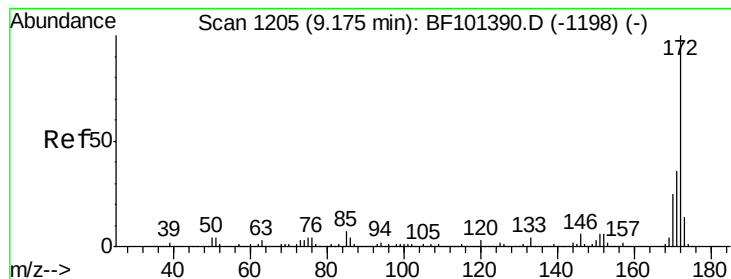


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 103.617 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF101931.D

Acq: 5 Jan 2018 15:54

Instrument :

BNA_F

ClientSampleId :

4422

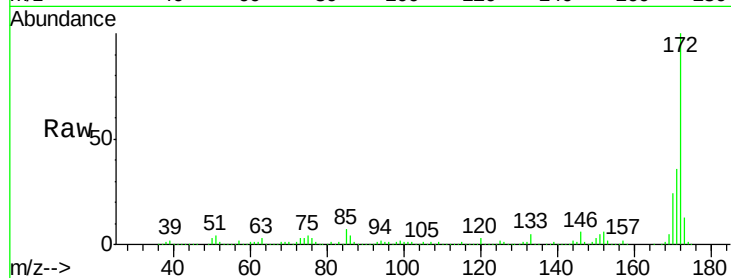
Tgt Ion:172 Resp: 992071

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

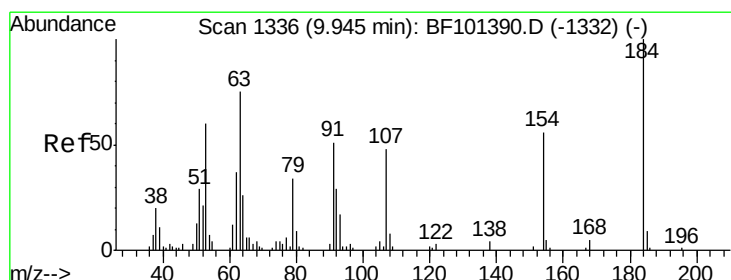
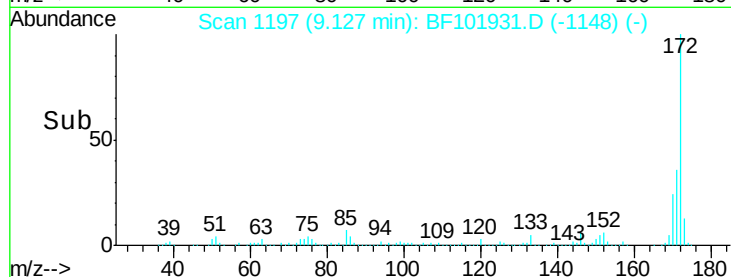
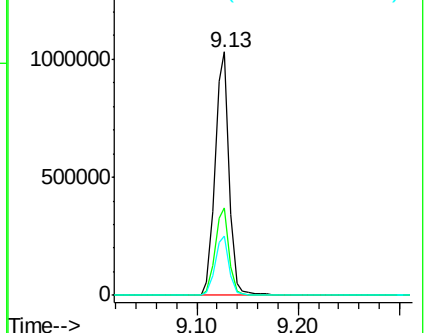
170 24.4 19.6 29.4



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



#53

2,4-Dinitrophenol

Concen: 11.971 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.06 min

Lab File: BF101931.D

Acq: 5 Jan 2018 15:54

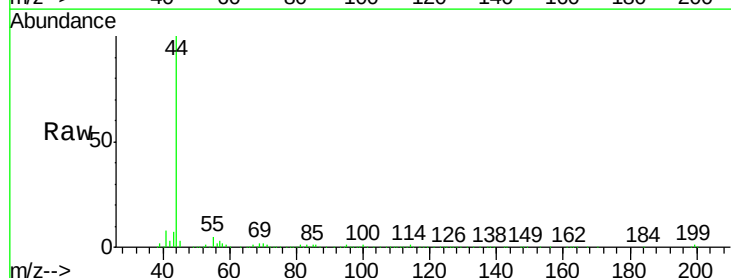
Tgt Ion:184 Resp: 1603

Ion Ratio Lower Upper

184 100

63 51.6 54.2 81.2#

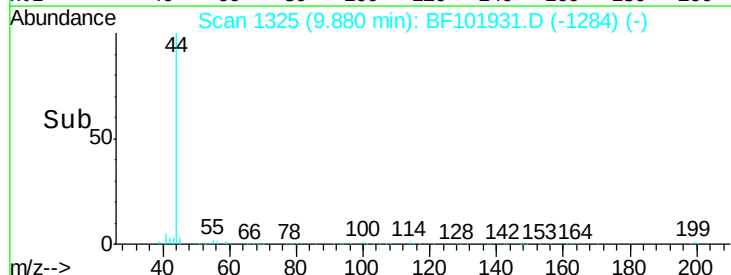
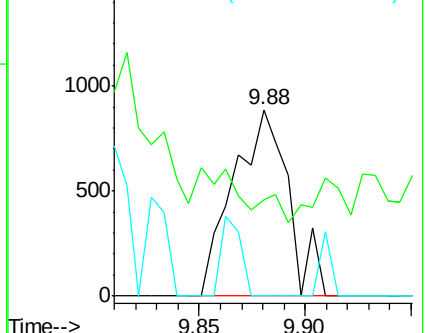
154 0.0 184.0 276.0#

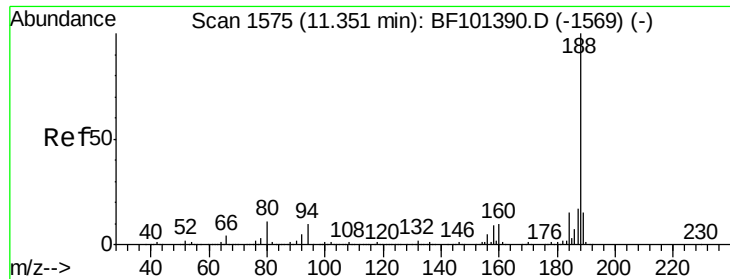


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

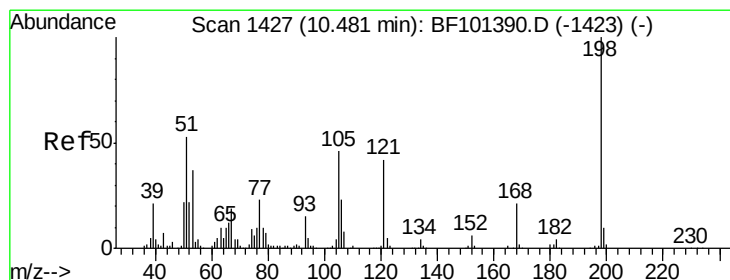
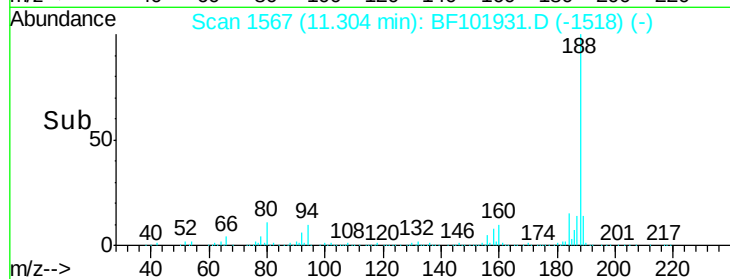
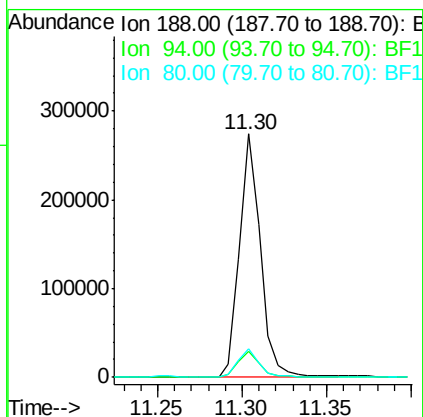
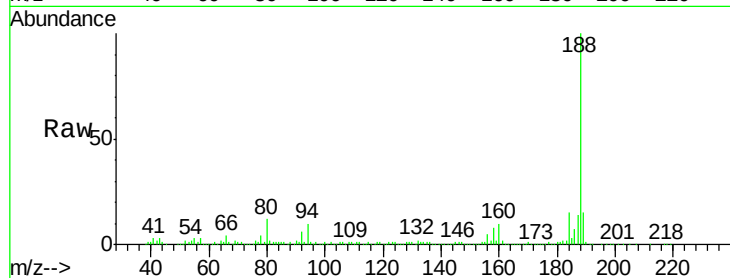




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF101931.D
 Acq: 5 Jan 2018 15:54

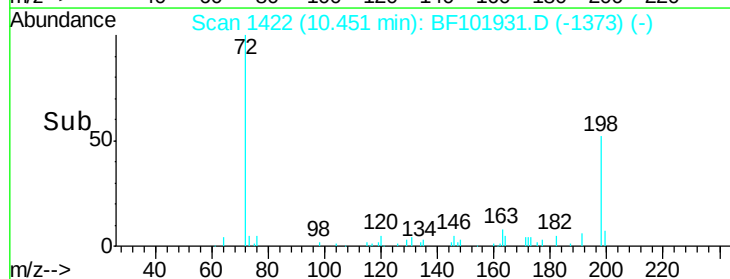
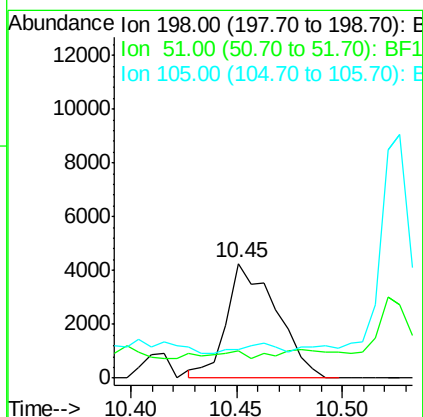
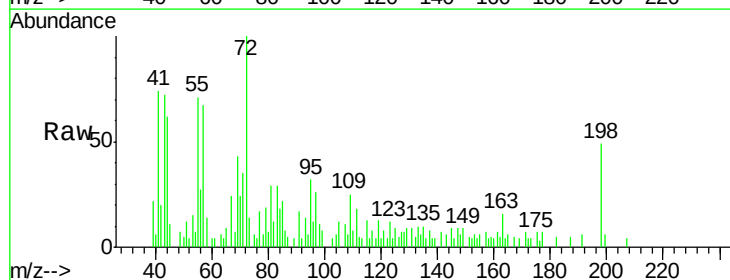
Instrument :
 BNA_F
 ClientSampleId :
 4422

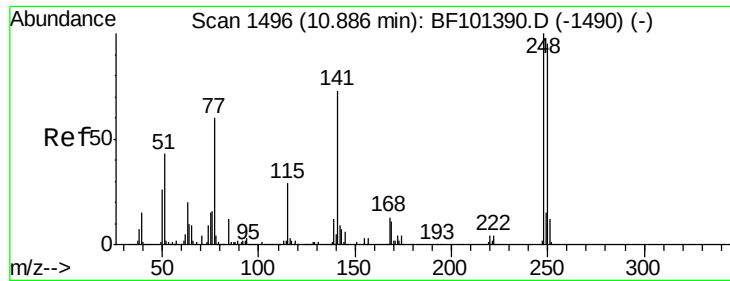
Tgt Ion:188 Resp: 237193
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.7 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.738 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF101931.D
 Acq: 5 Jan 2018 15:54

Tgt Ion:198 Resp: 6945
 Ion Ratio Lower Upper
 198 100
 51 24.2 37.7 77.7#
 105 24.6 36.3 76.3#

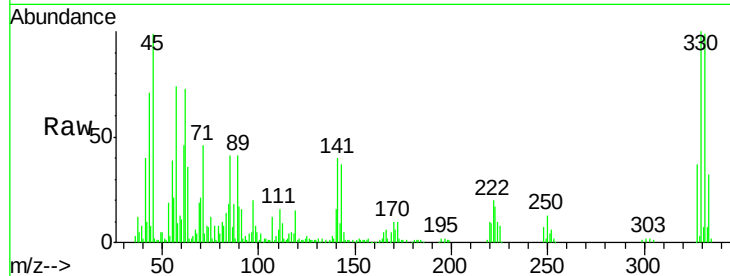




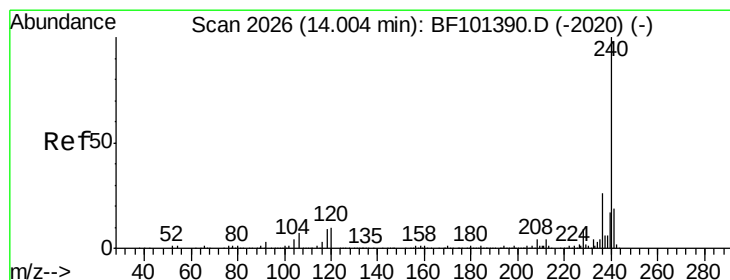
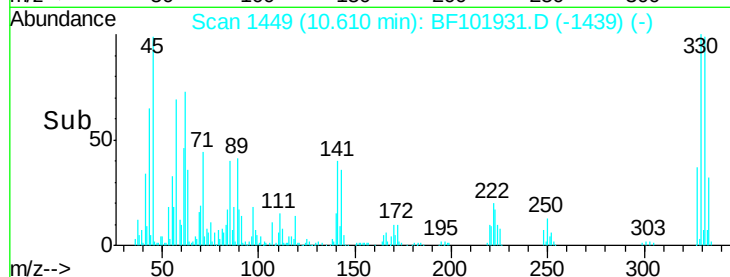
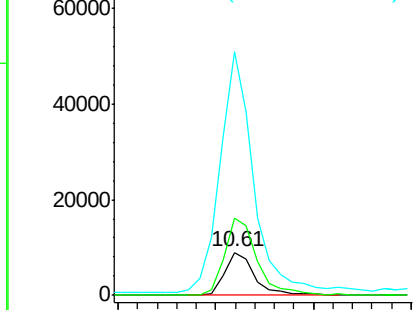
#66
 4-Bromophenyl-phenylether
 Concen: 3.557 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.24 min
 Lab File: BF101931.D
 Acq: 5 Jan 2018 15:54

Instrument :
 BNA_F
 ClientSampleId :
 4422

Tgt Ion: 248 Resp: 9479
 Ion Ratio Lower Upper
 248 100
 250 179.7 76.9 115.3#
 141 568.1 74.4 111.6#

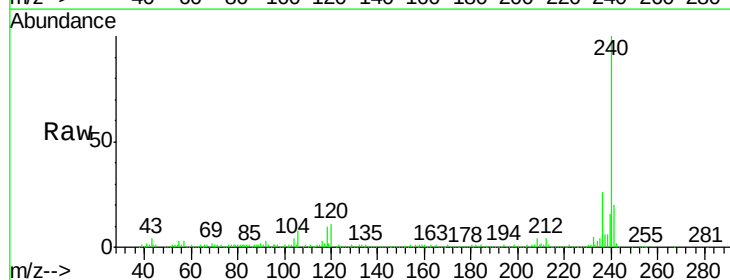


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

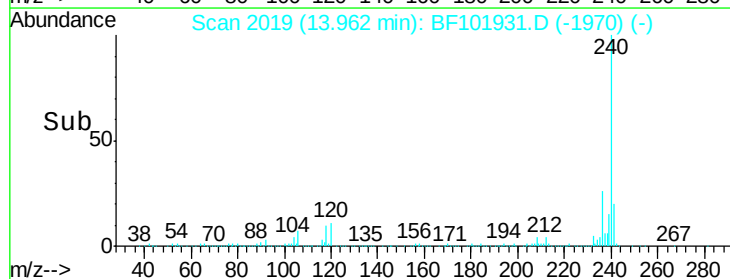
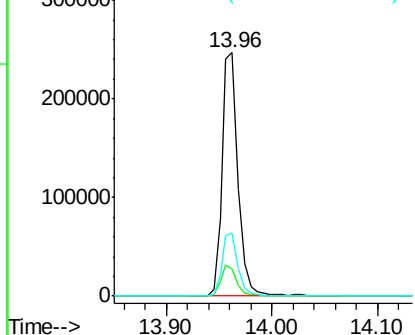


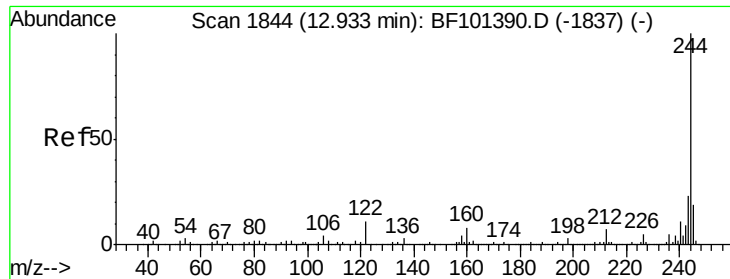
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF101931.D
 Acq: 5 Jan 2018 15:54

Tgt Ion: 240 Resp: 262617
 Ion Ratio Lower Upper
 240 100
 120 11.3 9.5 14.3
 236 26.0 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: 73.267 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF101931.D

Acq: 5 Jan 2018 15:54

Instrument :

BNA_F

ClientSampleId :

4422

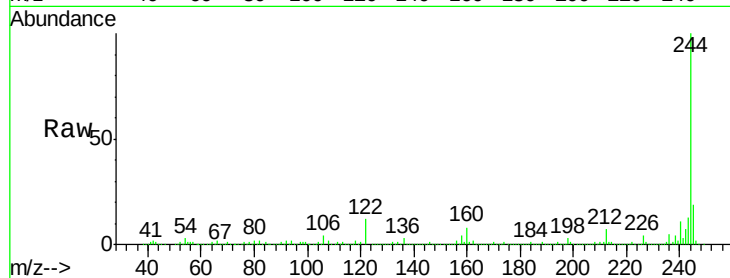
Tgt Ion:244 Resp: 798136

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

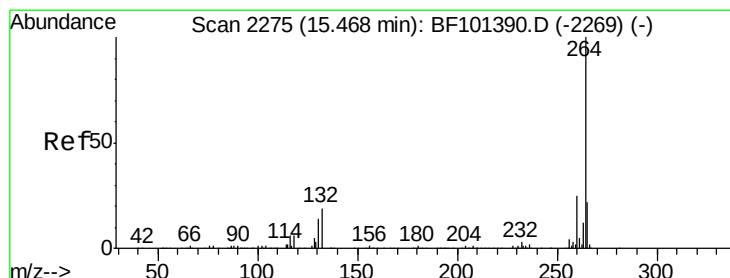
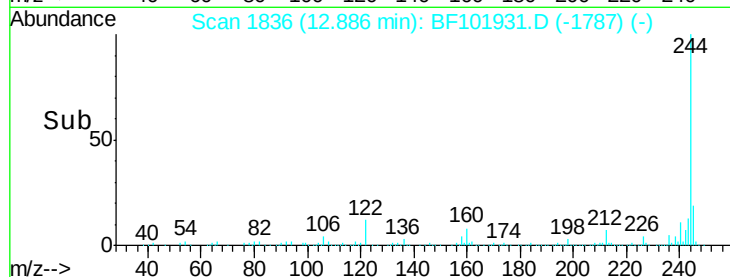
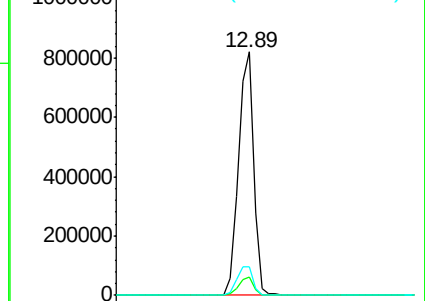
122 11.7 11.0 16.4



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: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF101931.D

Acq: 5 Jan 2018 15:54

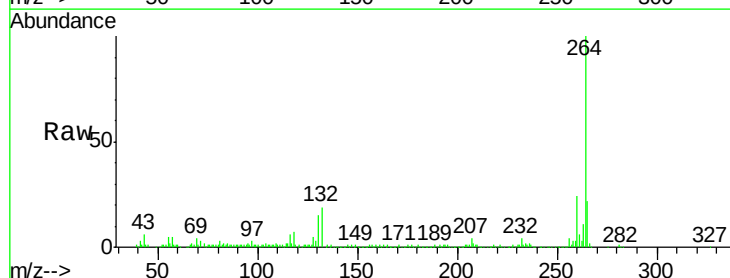
Tgt Ion:264 Resp: 207465

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.1 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

