

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF010518\
 Data File : BF101930.D
 Acq On : 5 Jan 2018 15:28
 Operator : SJ/JU
 Sample : J1017-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4462

Quant Time: Jan 05 15:55:29 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

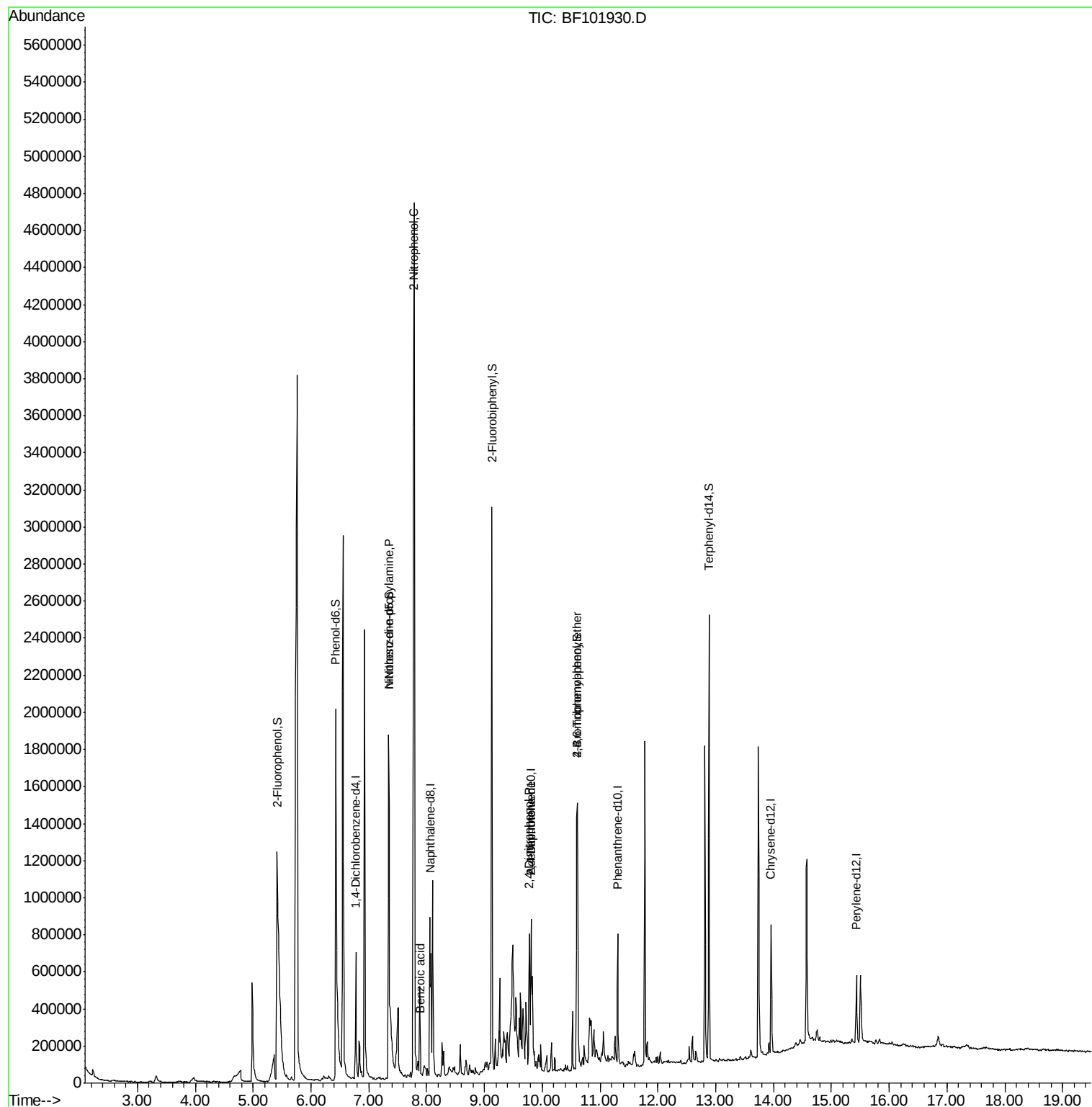
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	118857	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	449091	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	145853	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	249478	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	269605	20.00	ng	-0.01
86) Perylene-d12	15.43	264	202402	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1113962	139.61	ng	0.00
7) Phenol-d6	6.43	99	1139842	114.78	ng	0.00
23) Nitrobenzene-d5	7.35	82	768072	95.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	164128	116.78	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	980227	104.25	ng	-0.01
78) Terphenyl-d14	12.89	244	869129	77.72	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	105822	16.227	ng	# 84
26) 2-Nitrophenol	7.77	139	14561	3.796	ng	# 67
32) Benzoic acid	7.90	122	255	8.009	ng	# 38
53) 2,4-Dinitrophenol	9.78	184	267	10.600	ng	# 1
56) 2,4-Dinitrotoluene	9.81	165	18877	7.027	ng	# 29
66) 4-Bromophenyl-phenylether	10.61	248	10666	3.805	ng	# 1

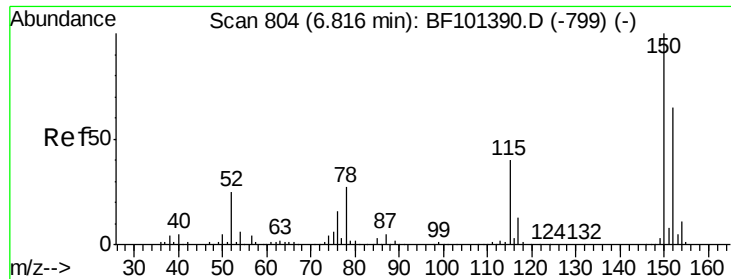
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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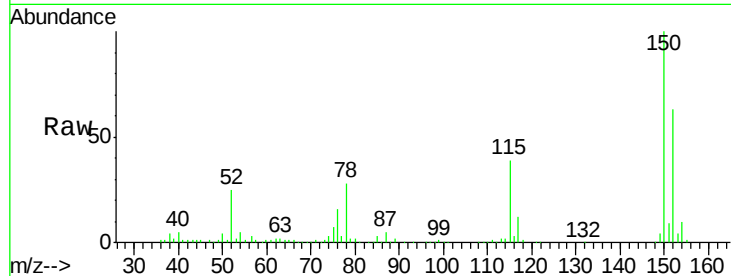




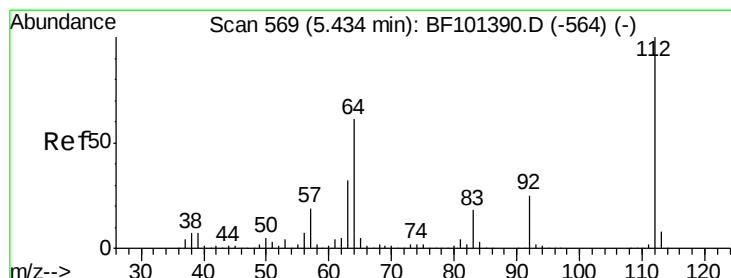
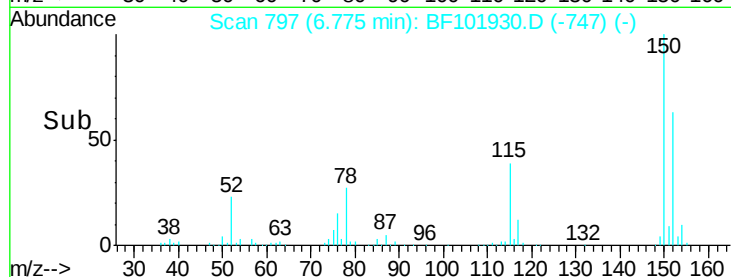
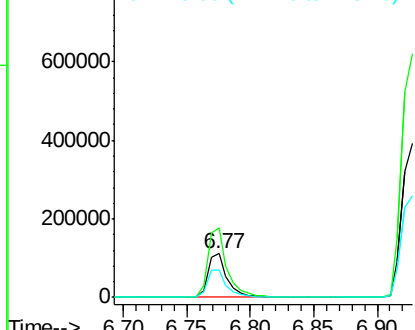
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF101930.D
 Acq: 5 Jan 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :
 4462

Tgt Ion:152 Resp: 118857
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.6 186.8
 115 62.2 50.1 75.1

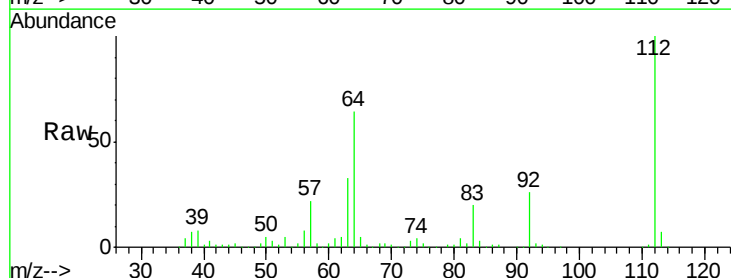


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

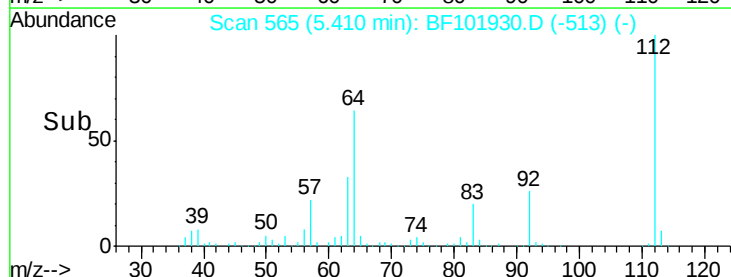
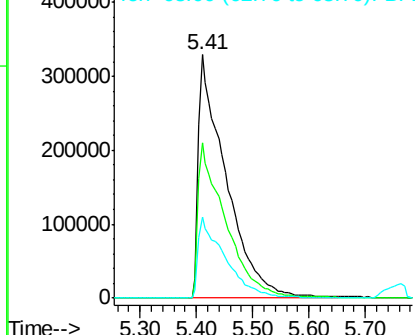


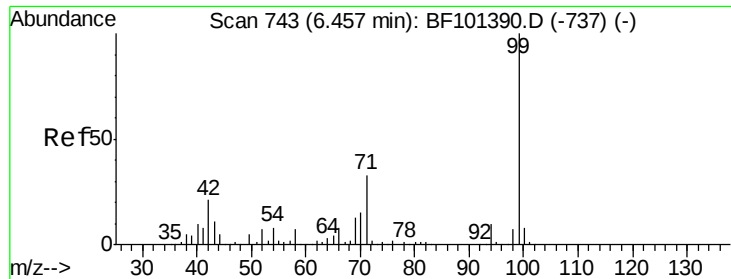
#5
 2-Fluorophenol
 Concen: 139.608 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF101930.D
 Acq: 5 Jan 2018 15:28

Tgt Ion:112 Resp: 1113962
 Ion Ratio Lower Upper
 112 100
 64 63.9 47.9 71.9
 63 33.1 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: 114.782 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101930.D

Acq: 5 Jan 2018 15:28

Instrument :

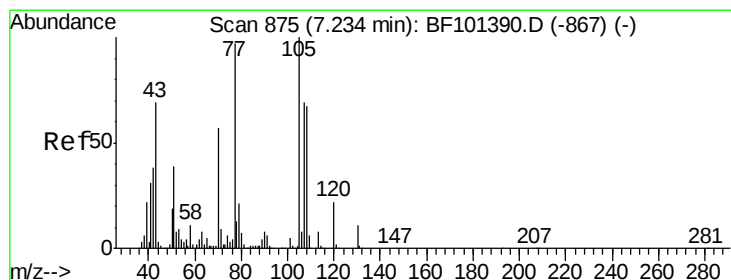
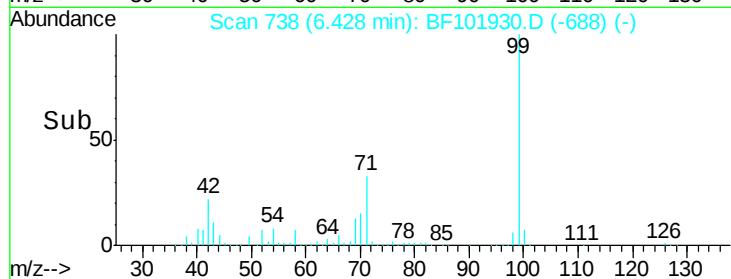
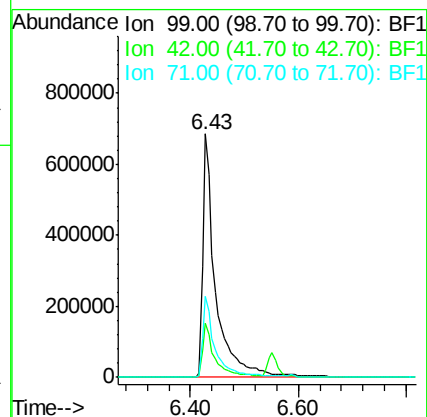
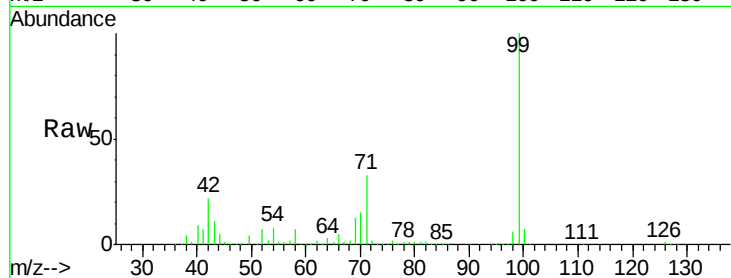
BNA_F

ClientSampleId :

4462

Tgt Ion: 99 Resp: 1139842

Ion	Ratio	Lower	Upper
99	100		
42	22.0	14.5	21.7#
71	33.1	25.4	38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.227 ng

RT: 7.35 min Scan# 894

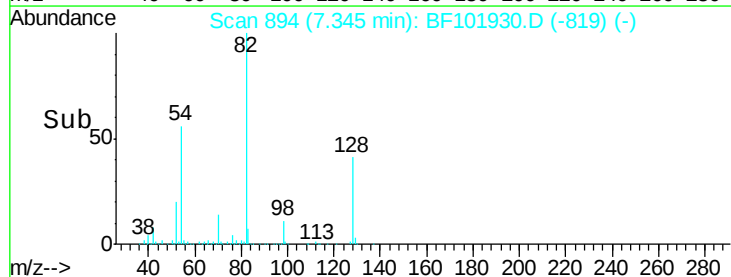
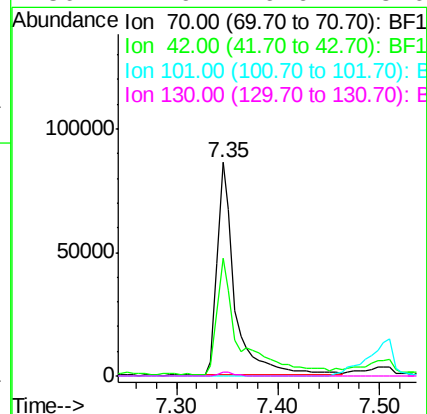
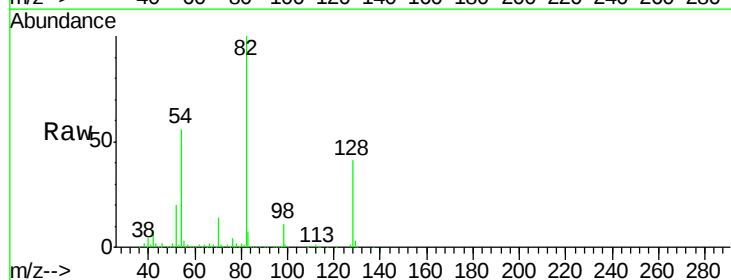
Delta R.T. 0.14 min

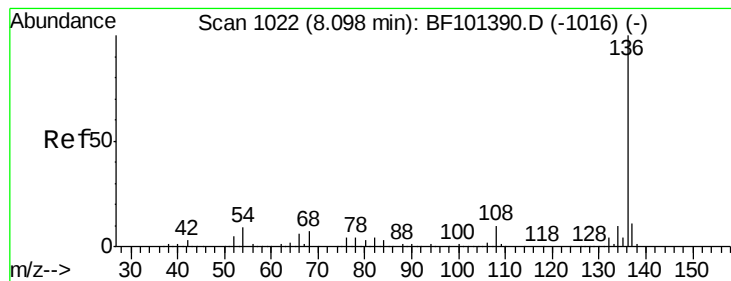
Lab File: BF101930.D

Acq: 5 Jan 2018 15:28

Tgt Ion: 70 Resp: 105822

Ion	Ratio	Lower	Upper
70	100		
42	55.4	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	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: BF101930.D

Acq: 5 Jan 2018 15:28

Instrument :

BNA_F

ClientSampleId :

4462

Tgt Ion: 136 Resp: 449091

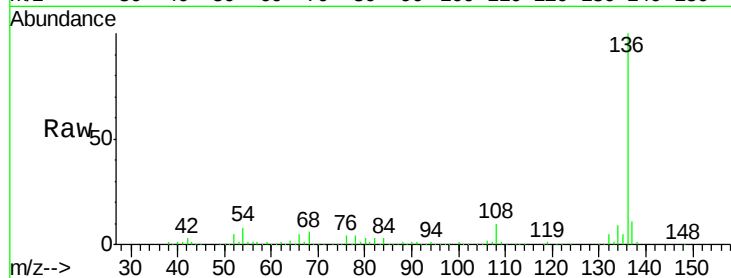
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.2 6.6 9.8

68 6.5 5.0 7.4

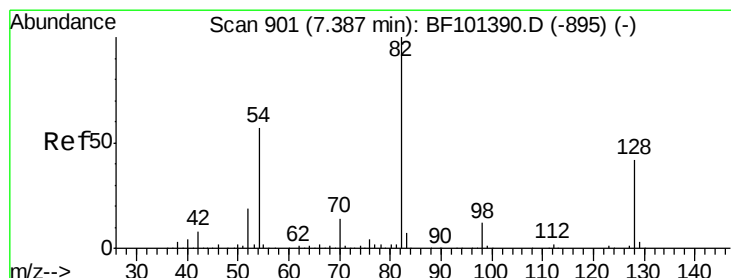
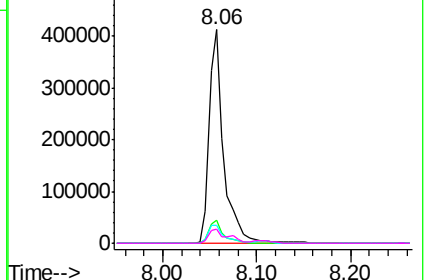
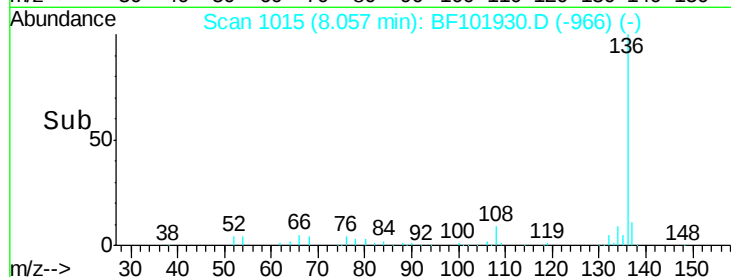


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.204 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.02 min

Lab File: BF101930.D

Acq: 5 Jan 2018 15:28

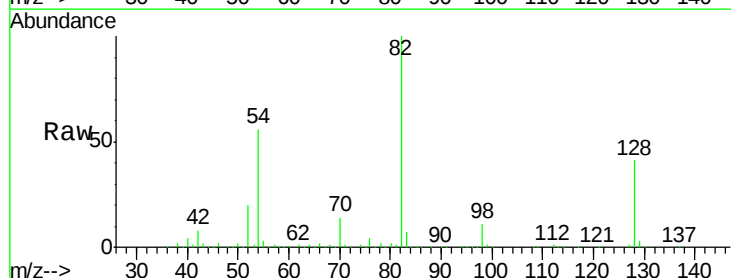
Tgt Ion: 82 Resp: 768072

Ion Ratio Lower Upper

82 100

128 40.7 36.1 54.1

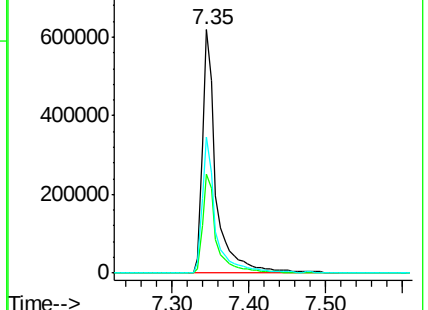
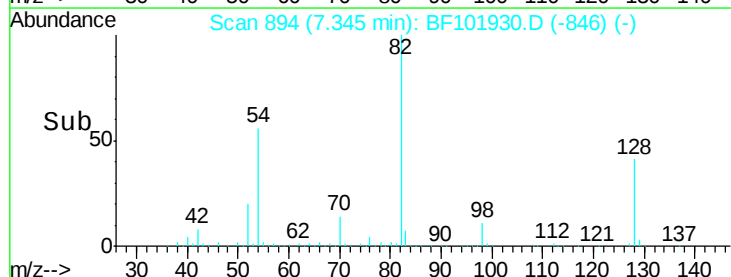
54 56.1 41.4 62.2

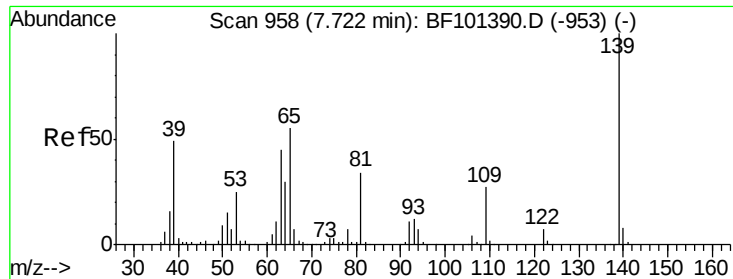


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

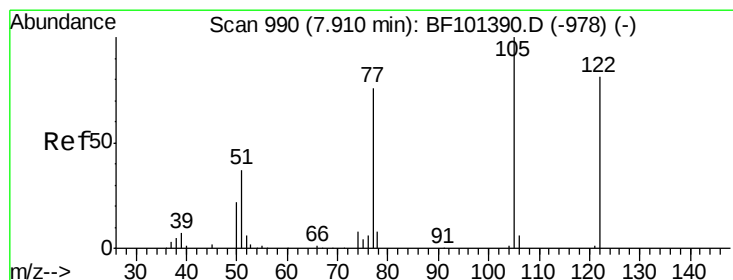
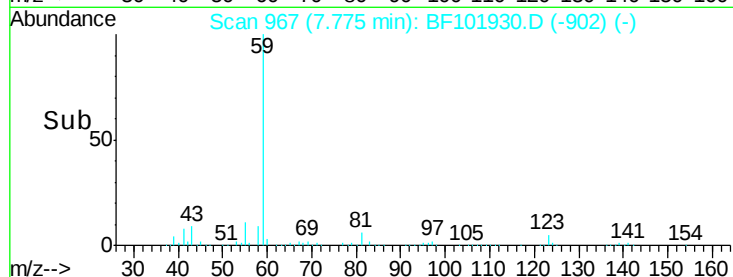
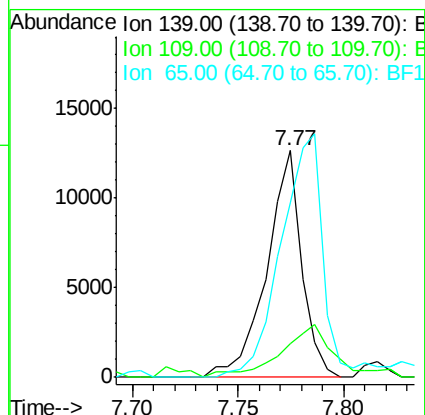
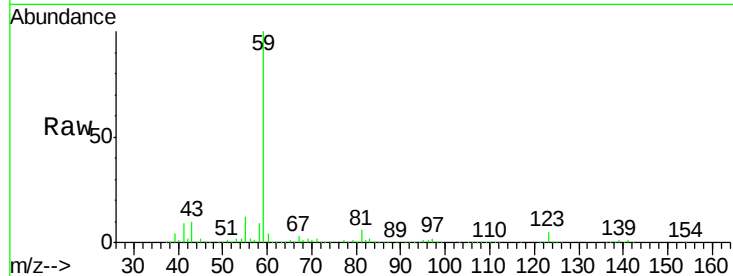




#26
 2-Nitrophenol
 Concen: 3.796 ng
 RT: 7.77 min Scan# 967
 Delta R.T. 0.08 min
 Lab File: BF101930.D
 Acq: 5 Jan 2018 15:28

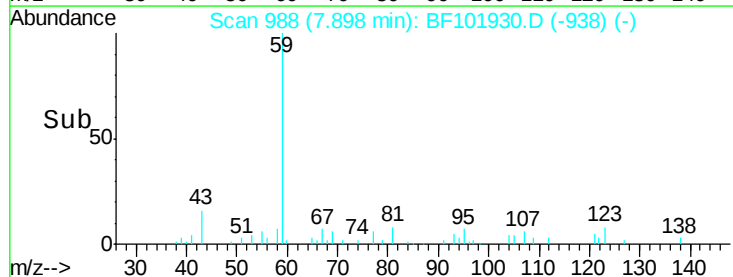
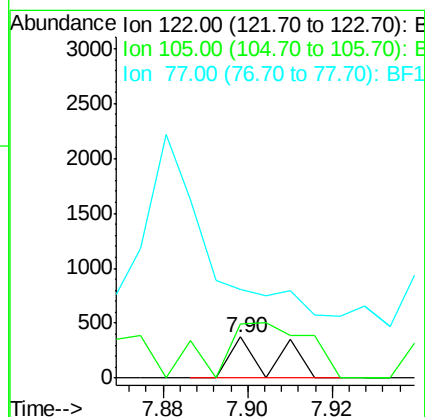
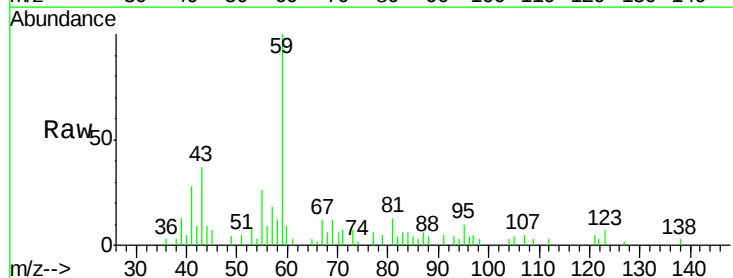
Instrument :
 BNA_F
 ClientSampleId :
 4462

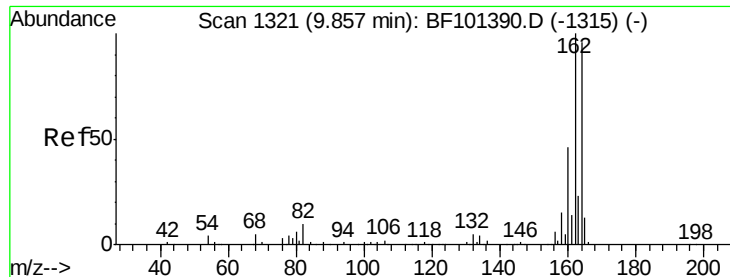
Tgt Ion:139 Resp: 14561
 Ion Ratio Lower Upper
 139 100
 109 15.0 22.7 34.1#
 65 76.7 40.5 60.7#



#32
 Benzoic acid
 Concen: 8.009 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF101930.D
 Acq: 5 Jan 2018 15:28

Tgt Ion:122 Resp: 255
 Ion Ratio Lower Upper
 122 100
 105 132.3 101.1 141.1
 77 215.9 70.7 110.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF101930.D

Acq: 5 Jan 2018 15:28

Instrument :

BNA_F

ClientSampleId :

4462

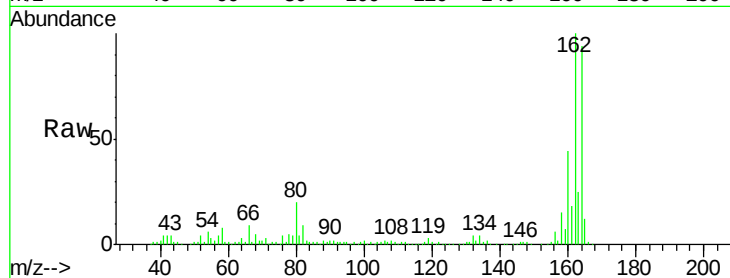
Tgt Ion:164 Resp: 145853

Ion Ratio Lower Upper

164 100

162 106.3 86.1 129.1

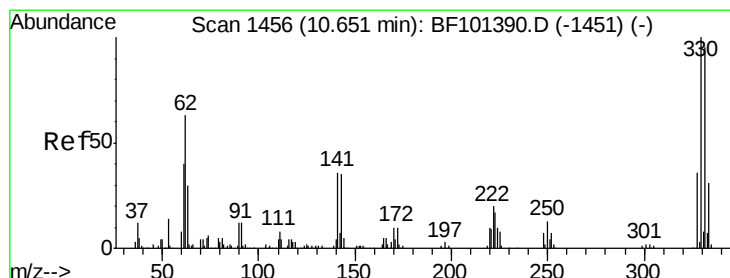
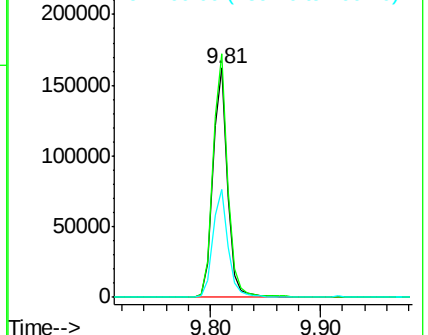
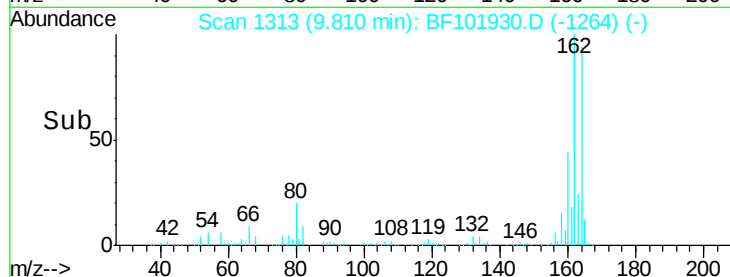
160 47.1 38.3 57.5



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: 116.783 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF101930.D

Acq: 5 Jan 2018 15:28

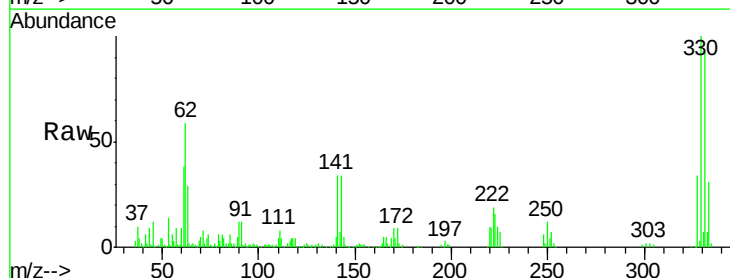
Tgt Ion:330 Resp: 164128

Ion Ratio Lower Upper

330 100

332 92.6 77.0 115.6

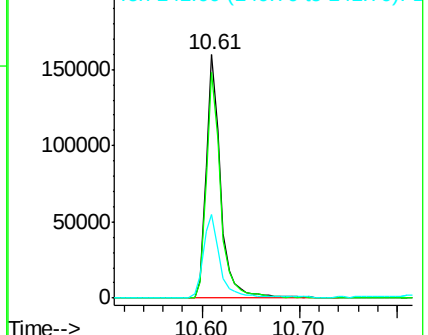
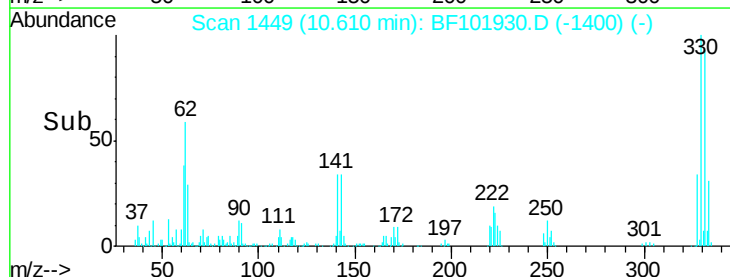
141 38.6 29.9 44.9

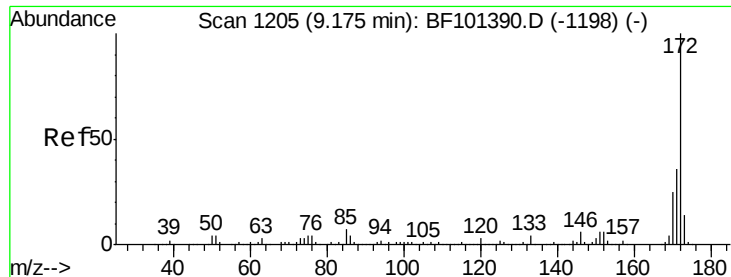


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

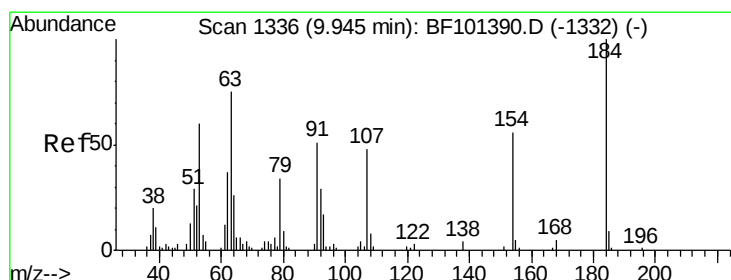
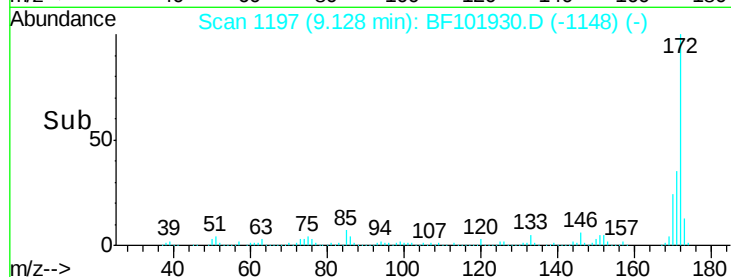
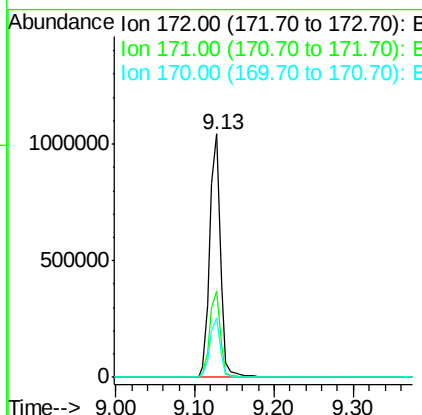
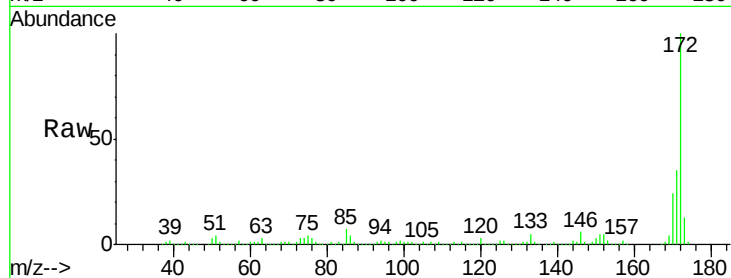




#44
 2-Fluorobiphenyl
 Concen: 104.254 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF101930.D
 Acq: 5 Jan 2018 15:28

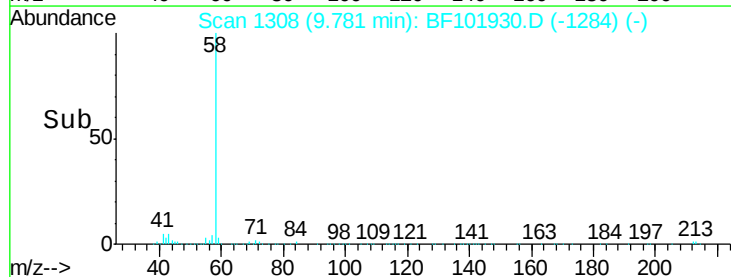
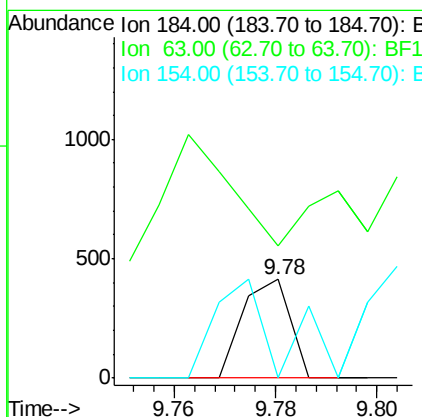
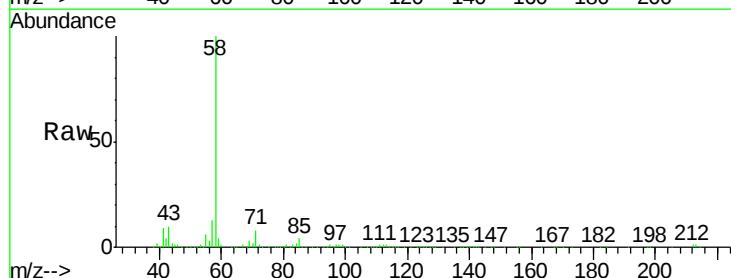
Instrument :
 BNA_F
 ClientSampled :
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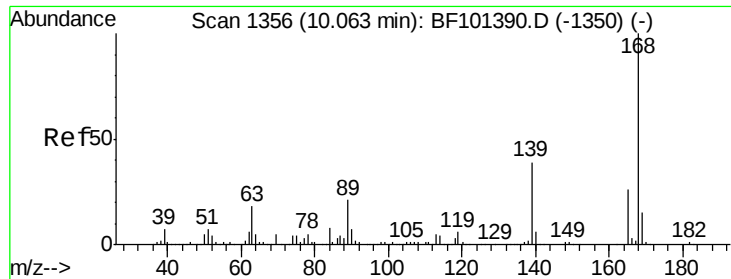
Tgt Ion:172 Resp: 980227
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 24.4 19.6 29.4



#53
 2,4-Dinitrophenol
 Concen: 10.600 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.16 min
 Lab File: BF101930.D
 Acq: 5 Jan 2018 15:28

Tgt Ion:184 Resp: 267
 Ion Ratio Lower Upper
 184 100
 63 134.6 54.2 81.2#
 154 0.0 184.0 276.0#

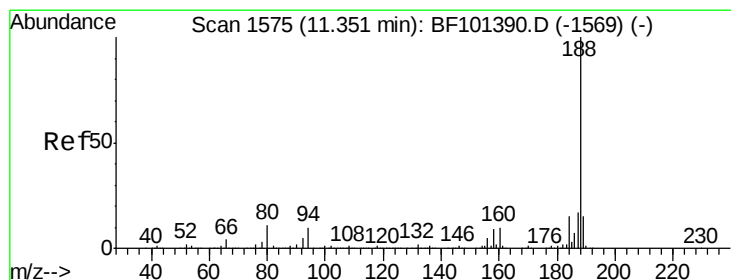
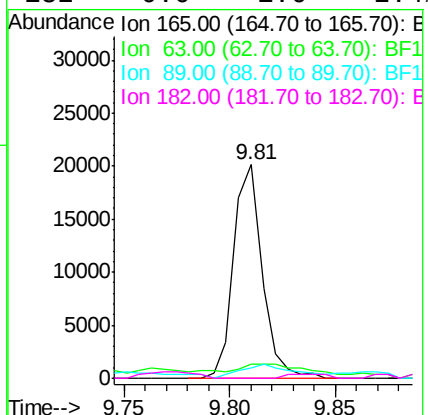
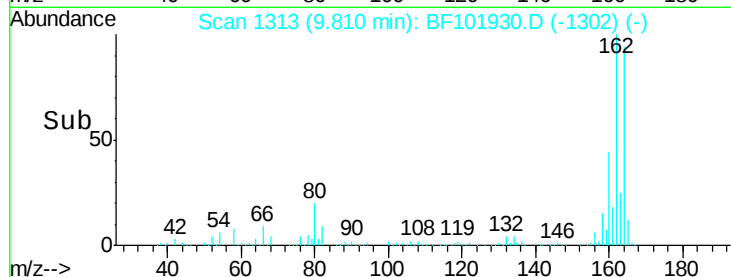
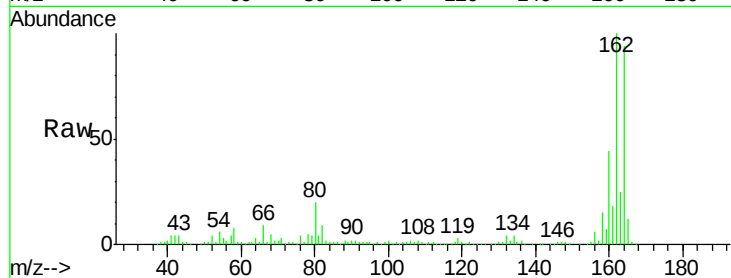




#56
2,4-Dinitrotoluene
Concen: 7.027 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.24 min
Lab File: BF101930.D
Acq: 5 Jan 2018 15:28

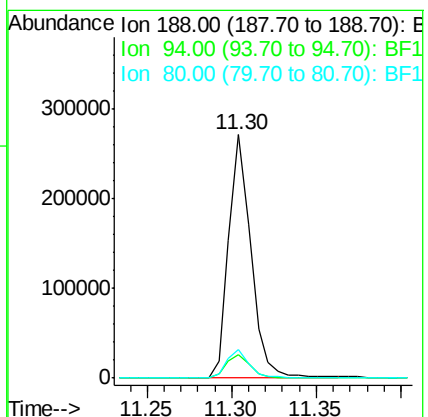
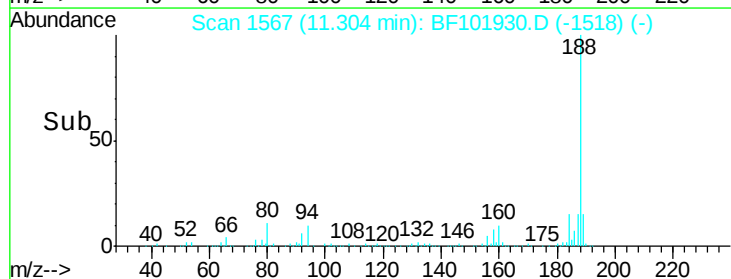
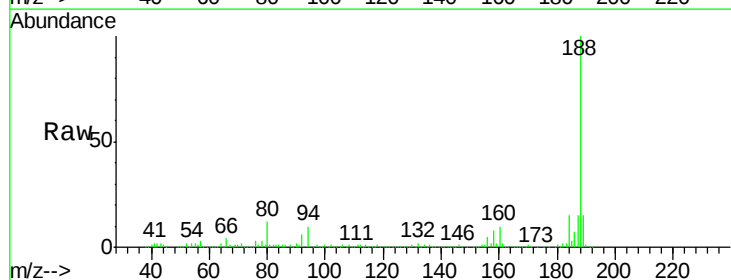
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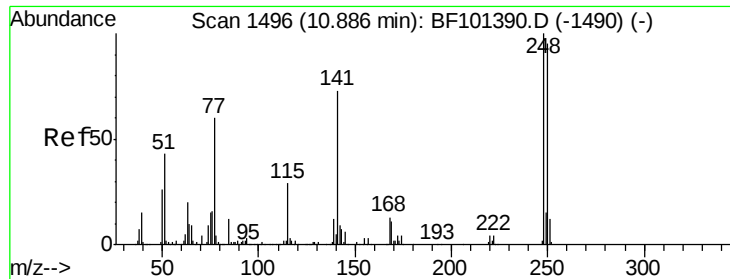
Tgt Ion	Ratio	Lower	Upper
165	100		
63	6.5	36.4	54.6#
89	5.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF101930.D
Acq: 5 Jan 2018 15:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	11.5	9.2	13.8

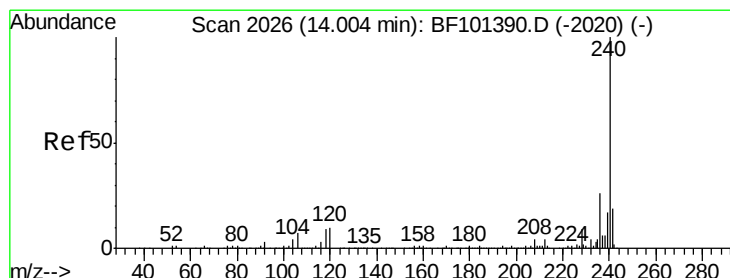
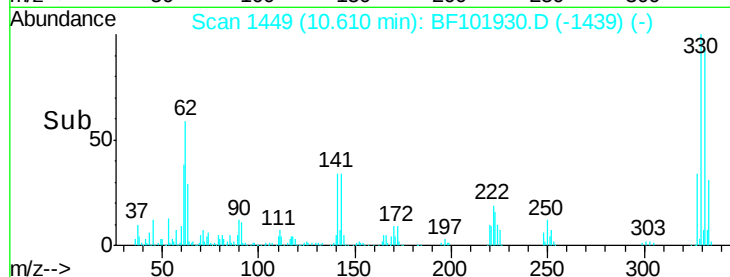
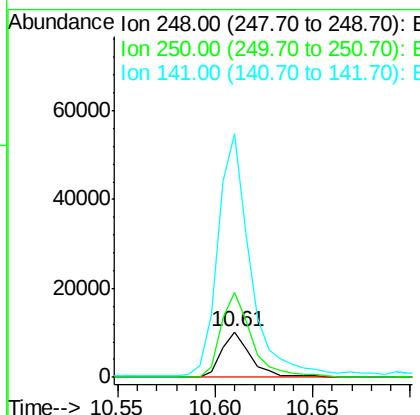
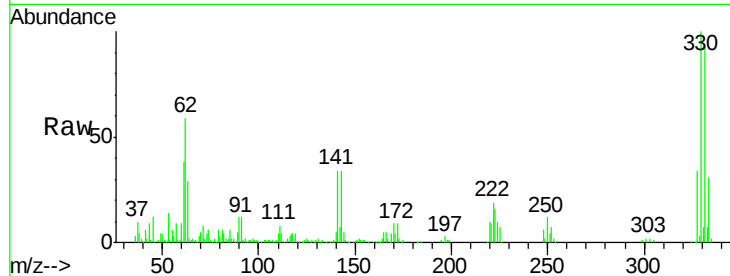




#66
 4-Bromophenyl-phenylether
 Concen: 3.805 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.24 min
 Lab File: BF101930.D
 Acq: 5 Jan 2018 15:28

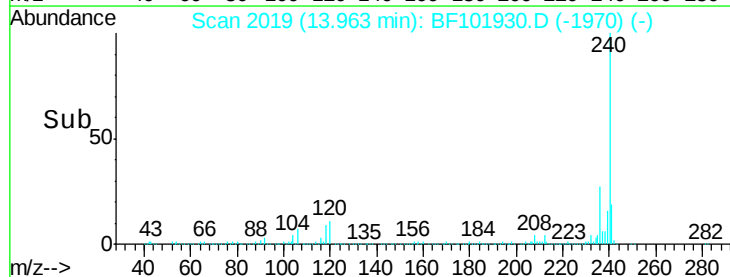
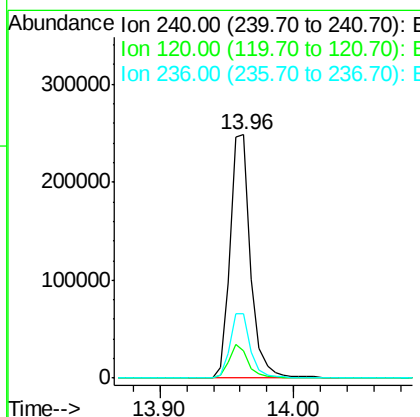
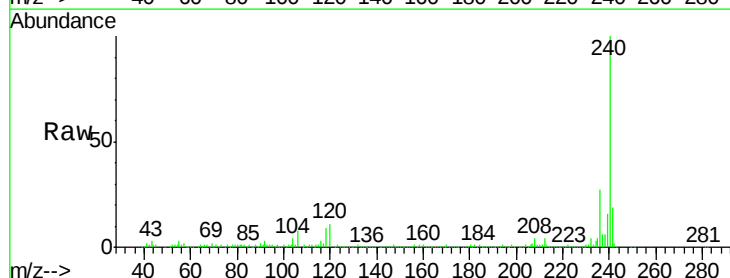
Instrument :
 BNA_F
 ClientSampleId :
 4462

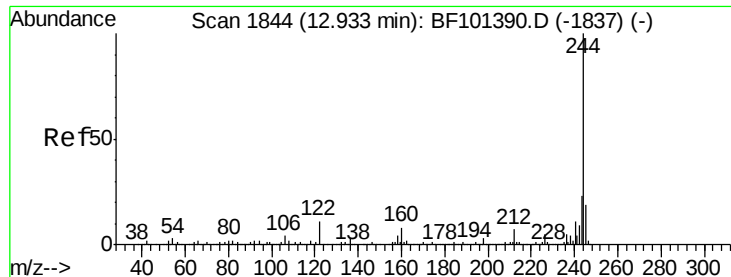
Tgt Ion:248 Resp: 10666
 Ion Ratio Lower Upper
 248 100
 250 186.3 76.9 115.3#
 141 532.4 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF101930.D
 Acq: 5 Jan 2018 15:28

Tgt Ion:240 Resp: 269605
 Ion Ratio Lower Upper
 240 100
 120 11.0 9.5 14.3
 236 26.7 20.7 31.1





#78

Terphenyl-d14

Concen: 77.716 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF101930.D

Acq: 5 Jan 2018 15:28

Instrument :

BNA_F

ClientSampleID :

4462

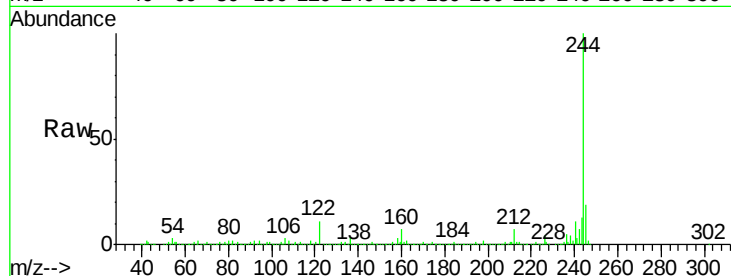
Tgt Ion:244 Resp: 869129

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

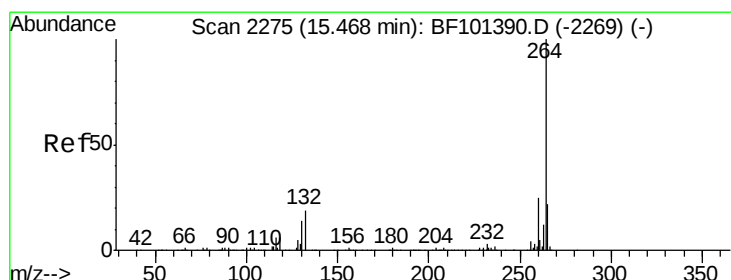
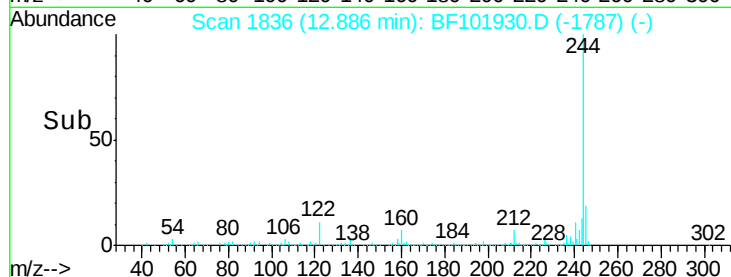
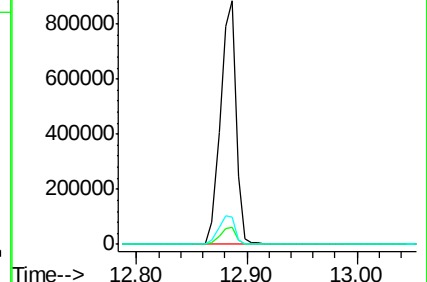
122 11.2 11.0 16.4



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: BF101930.D

Acq: 5 Jan 2018 15:28

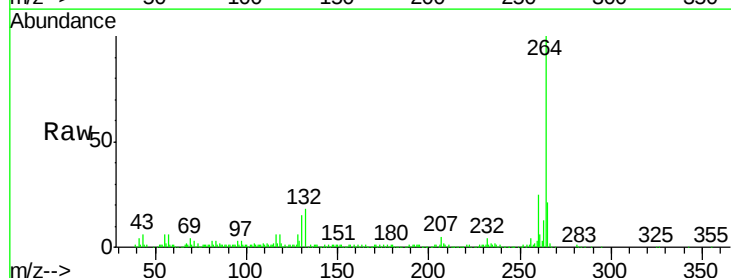
Tgt Ion:264 Resp: 202402

Ion Ratio Lower Upper

264 100

260 25.3 19.2 28.8

265 21.2 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

