

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
 Data File : BF101871.D
 Acq On : 3 Jan 2018 20:18
 Operator : SJ/JU
 Sample : J1004-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 04 00:11:42 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

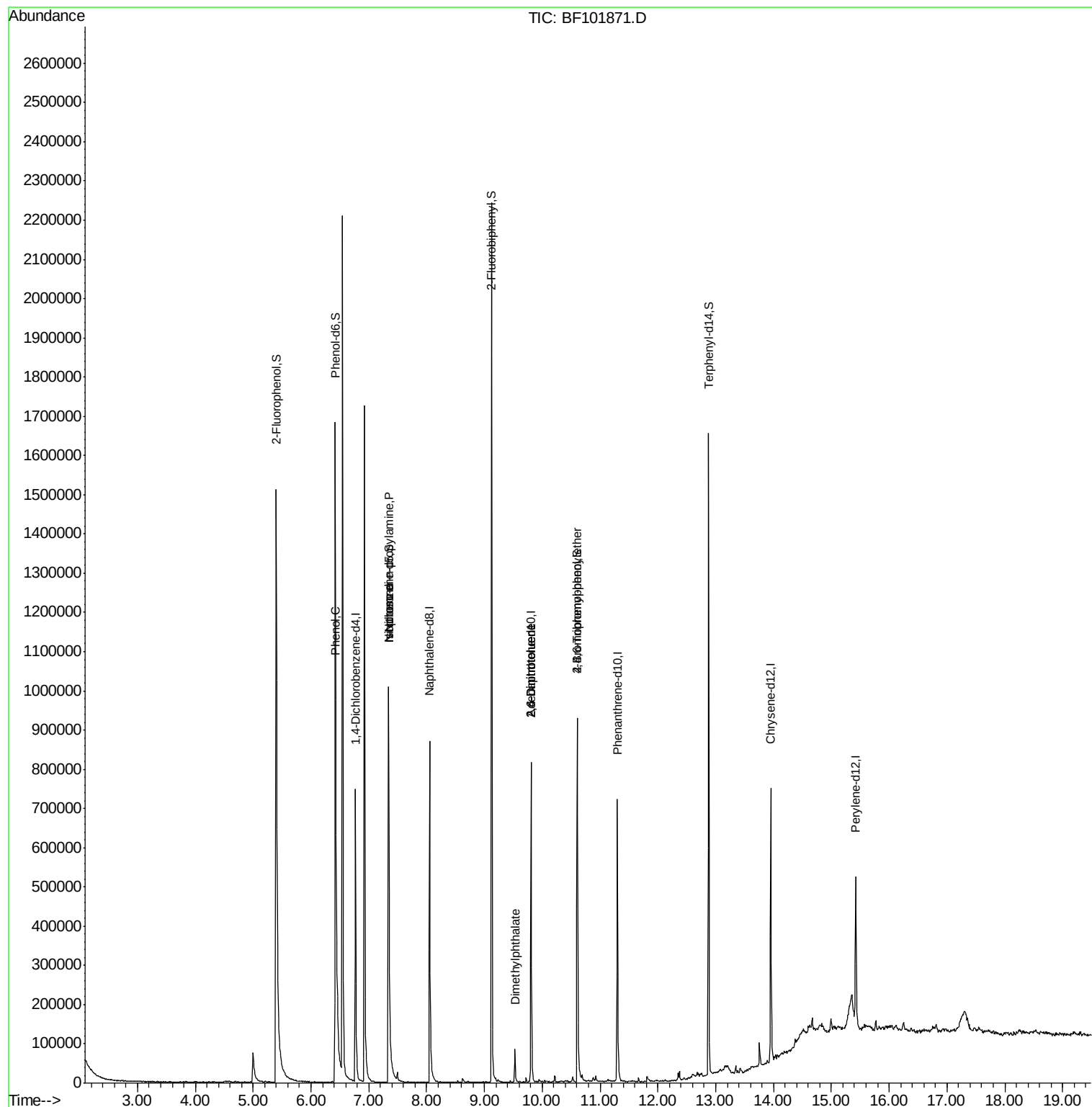
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	129465	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	472746	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	177593	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	293773	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	259251	20.00	ng	-0.02
86) Perylene-d12	15.42	264	198376	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	728434	83.81	ng	0.00
7) Phenol-d6	6.42	99	869612	80.39	ng	-0.01
23) Nitrobenzene-d5	7.35	82	489689	57.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	128194	74.91	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	755959	66.03	ng	-0.02
78) Terphenyl-d14	12.88	244	581575	54.08	ng	-0.02
Target Compounds						
10) Phenol	6.43	94	33955	2.754	ng	# 36
19) n-Nitroso-di-n-propylamine	7.34	70	63937	9.001	ng	# 81
25) Isophorone	7.35	82	489689	28.743	ng	# 64
49) Dimethylphthalate	9.53	163	42762	2.994	ng	# 99
50) 2,6-Dinitrotoluene	9.80	165	22126	7.621	ng	# 24
56) 2,4-Dinitrotoluene	9.80	165	22126	6.764	ng	# 21
66) 4-Bromophenyl-phenylether	10.60	248	8103	2.455	ng	# 1

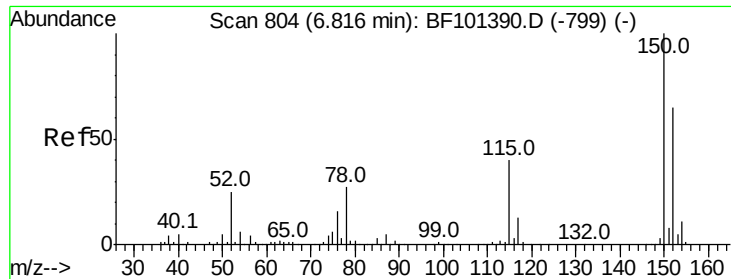
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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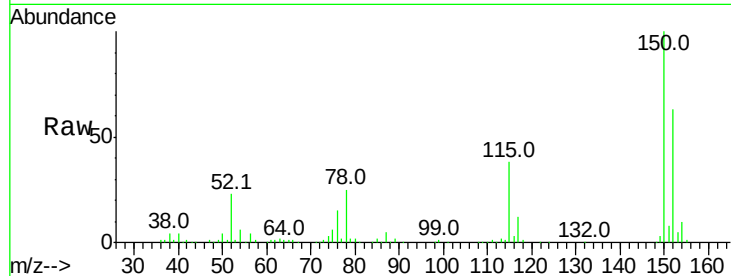


#1

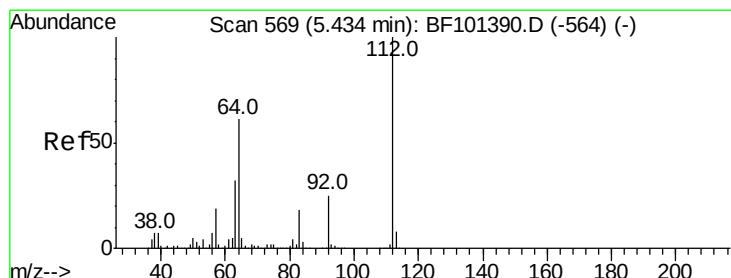
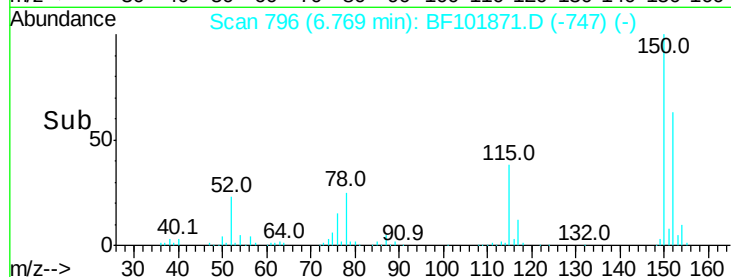
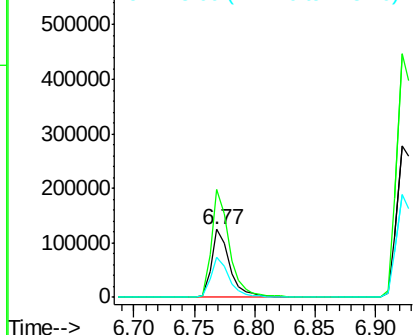
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101871.D
Acq: 3 Jan 2018 20:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 129465
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 60.1 50.1 75.1



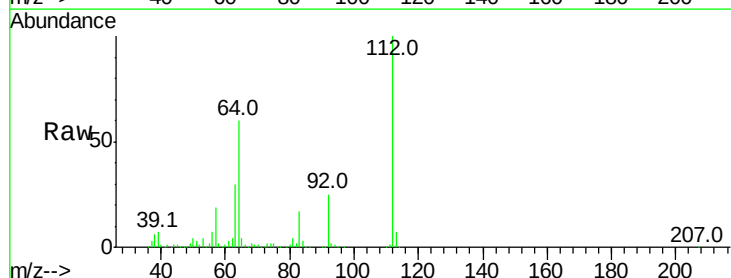
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



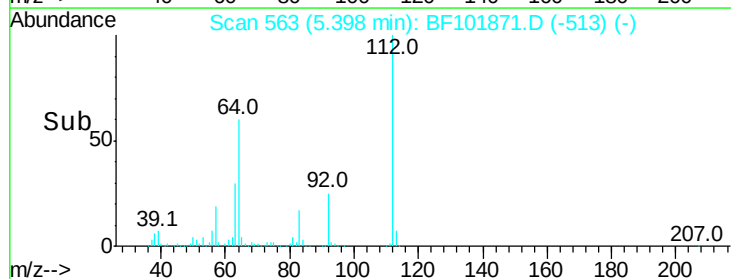
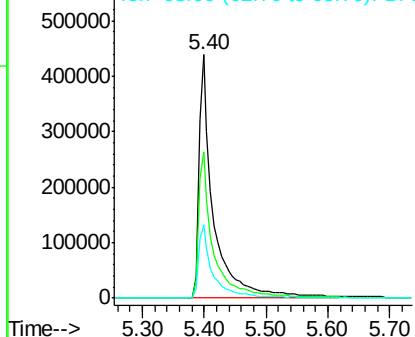
#5

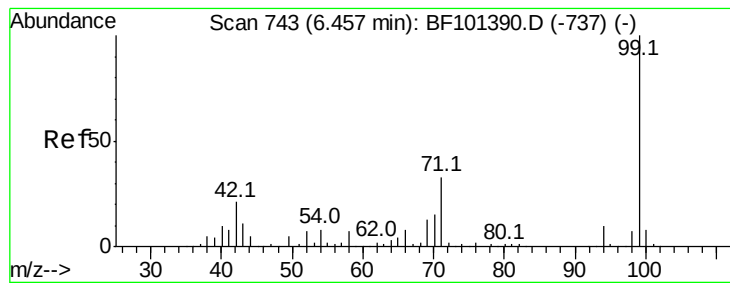
2-Fluorophenol
Concen: 83.811 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF101871.D
Acq: 3 Jan 2018 20:18

Tgt Ion:112 Resp: 728434
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 29.9 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: 80.395 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF101871.D

Acq: 3 Jan 2018 20:18

Instrument :

BNA_F

ClientSampleId :

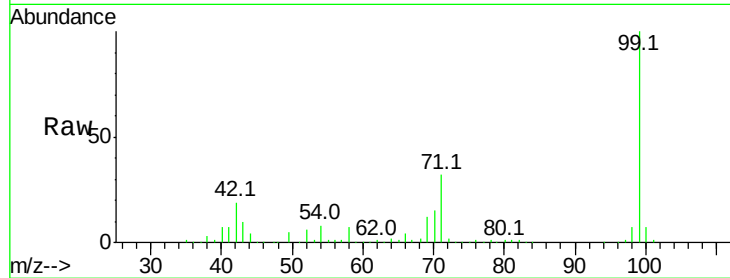
Tot Ion: 99 Resp: 869612

Ion Ratio Lower Upper

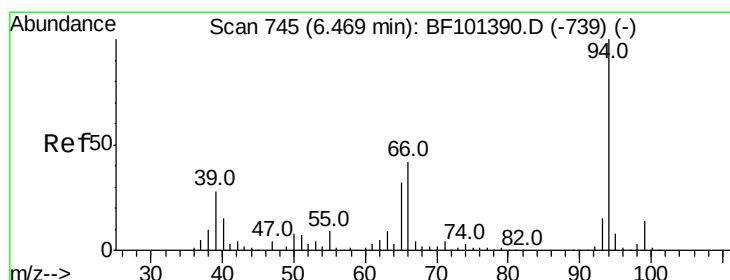
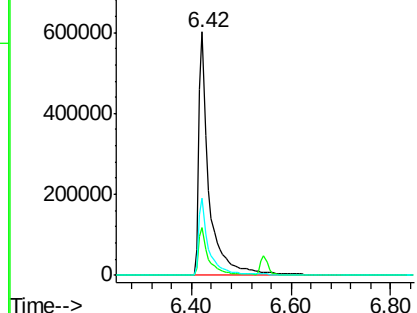
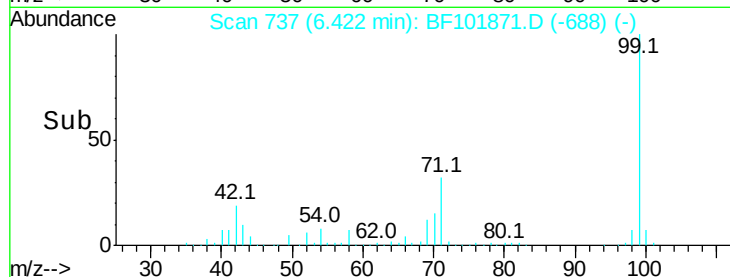
99 100

42 19.5 14.5 21.7

71 31.9 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: 2.754 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF101871.D

Acq: 3 Jan 2018 20:18

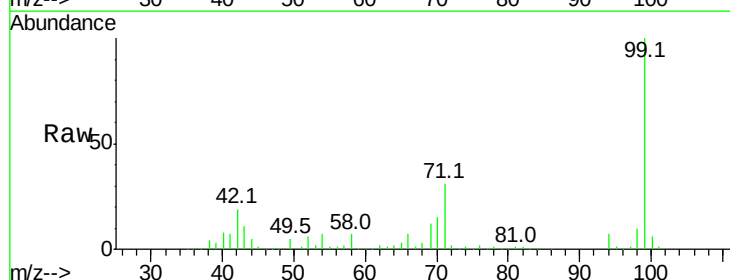
Tgt Ion: 94 Resp: 33955

Ion Ratio Lower Upper

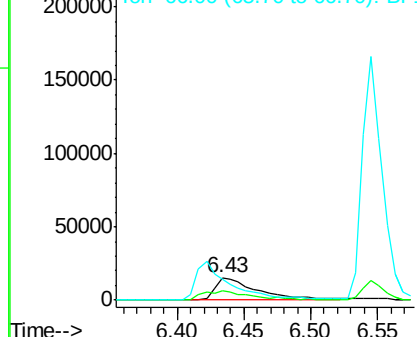
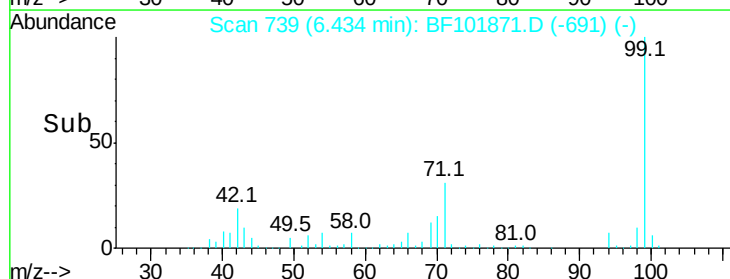
94 100

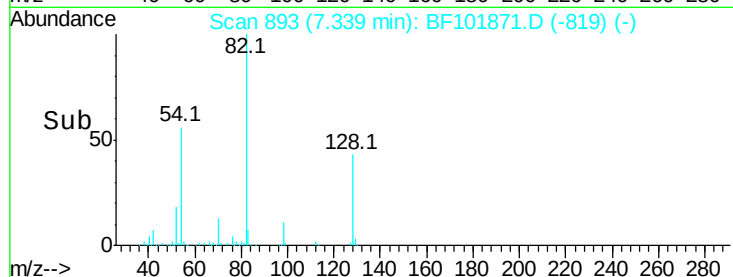
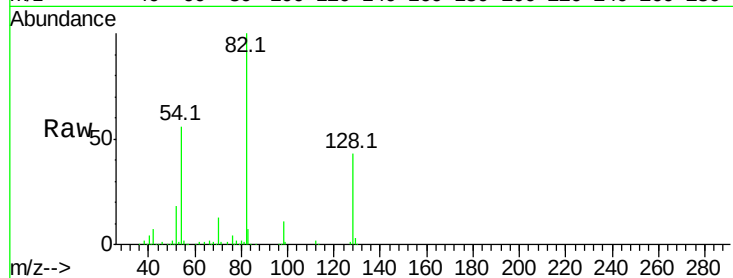
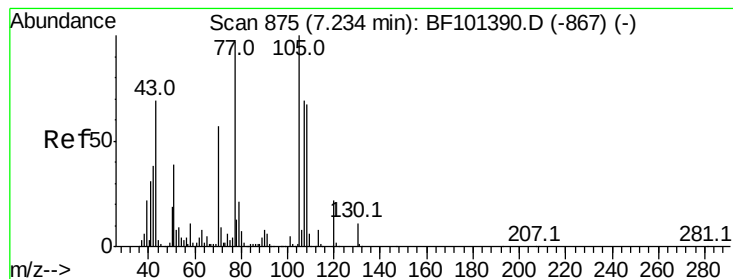
65 39.0 7.9 47.9

66 93.6 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: 9.001 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.14 min

Lab File: BF101871.D

Acq: 3 Jan 2018 20:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 63937

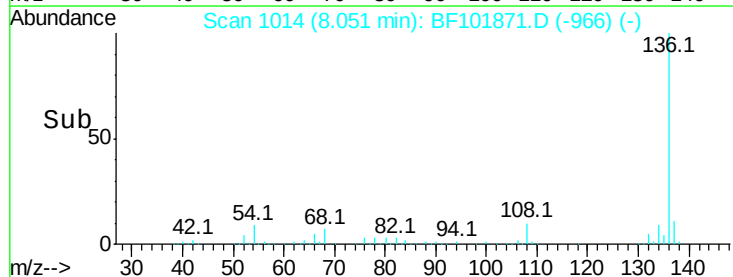
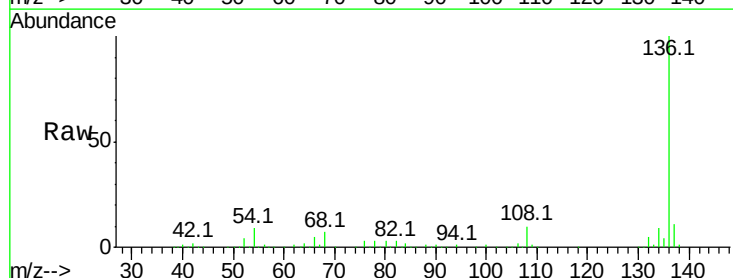
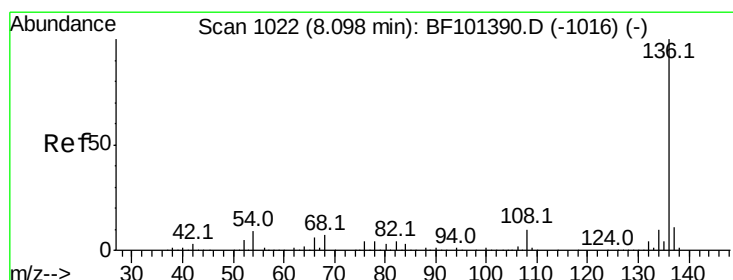
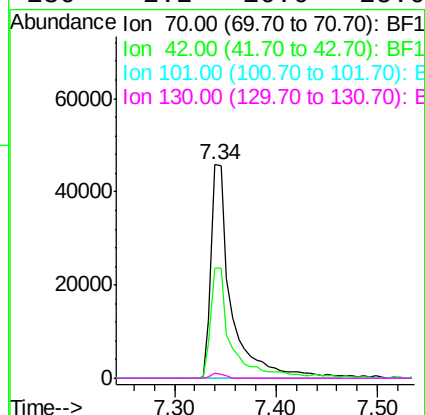
Ion Ratio Lower Upper

70 100

42 51.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF101871.D

Acq: 3 Jan 2018 20:18

Tgt Ion: 136 Resp: 472746

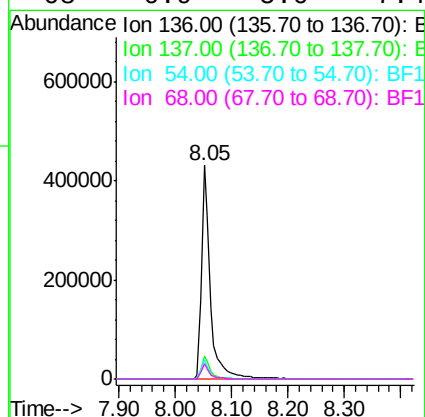
Ion Ratio Lower Upper

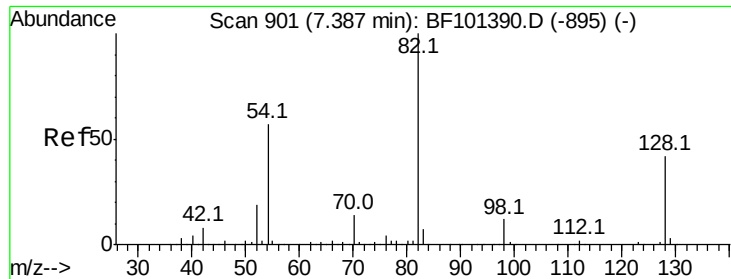
136 100

137 10.8 8.9 13.3

54 9.3 6.6 9.8

68 6.9 5.0 7.4

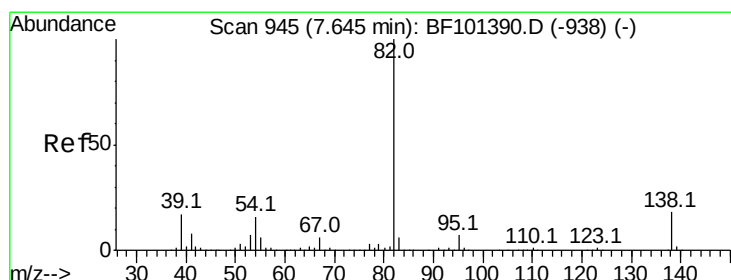
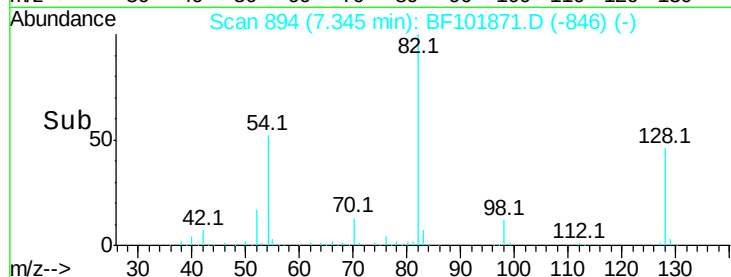
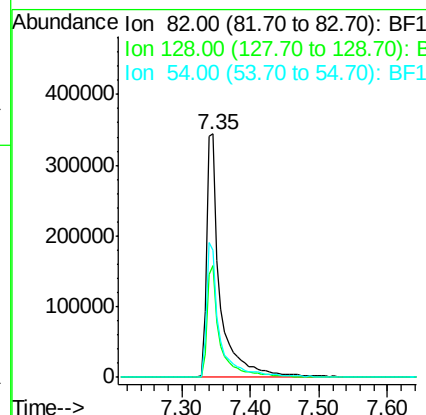
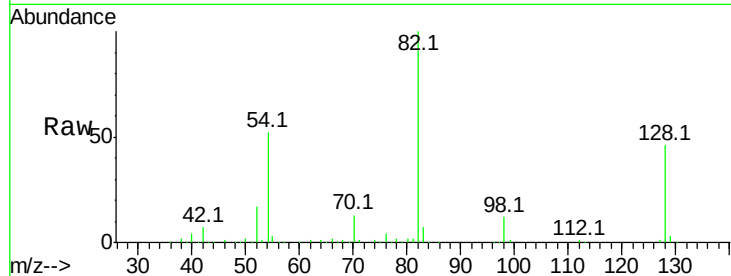




#23
 Nitrobenzene-d5
 Concen: 57.661 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.02 min
 Lab File: BF101871.D
 Acq: 3 Jan 2018 20:18

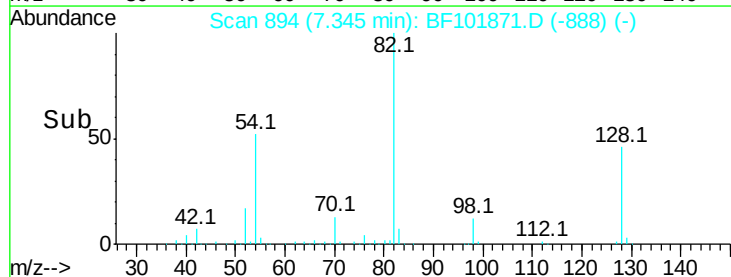
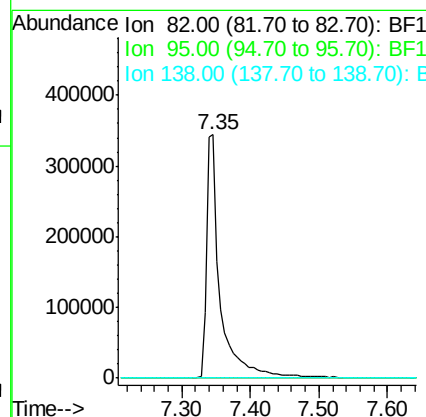
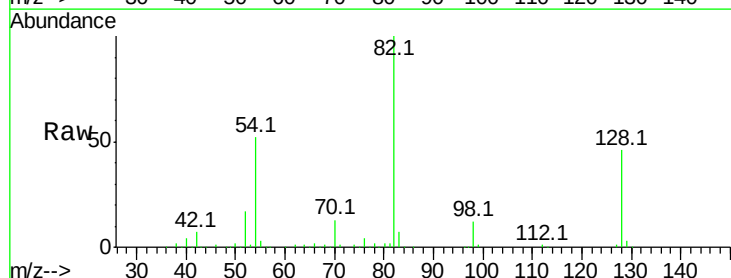
Instrument :
 BNA_F
 ClientSampleID :

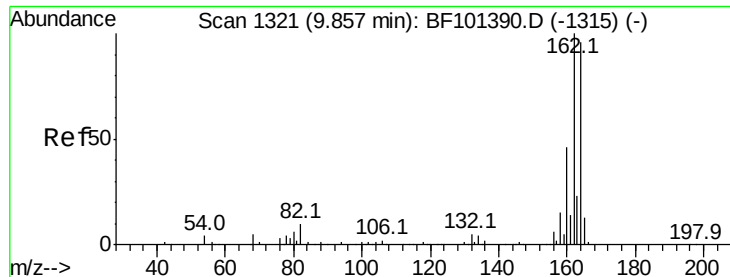
Tot Ion: 82 Resp: 489689
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.1 54.1
 54 52.3 41.4 62.2



#25
 Isophorone
 Concen: 28.743 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.26 min
 Lab File: BF101871.D
 Acq: 3 Jan 2018 20:18

Tgt Ion: 82 Resp: 489689
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

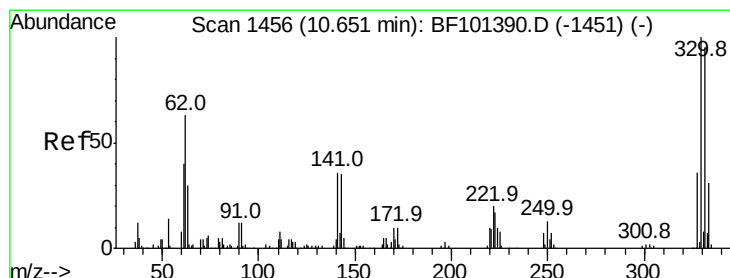
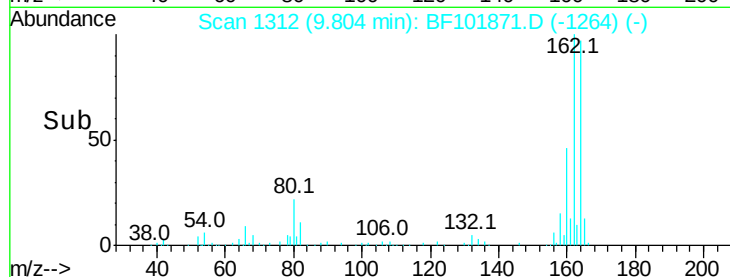
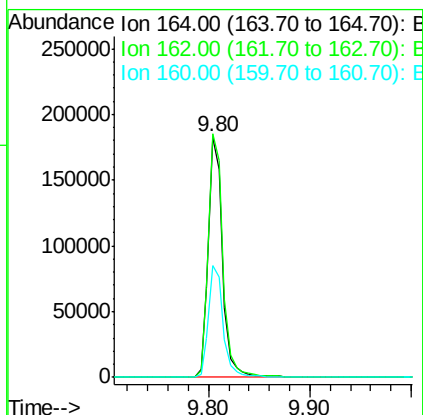
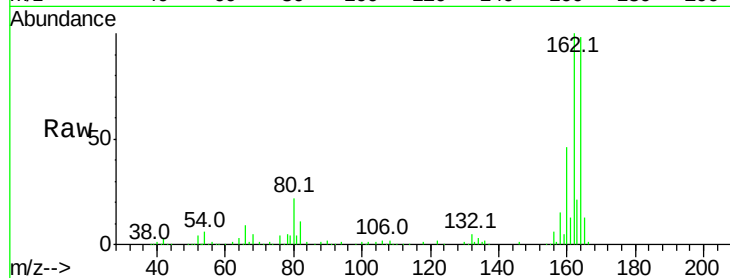




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF101871.D
 Acq: 3 Jan 2018 20:18

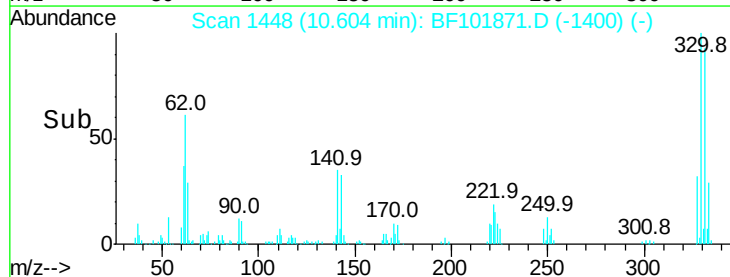
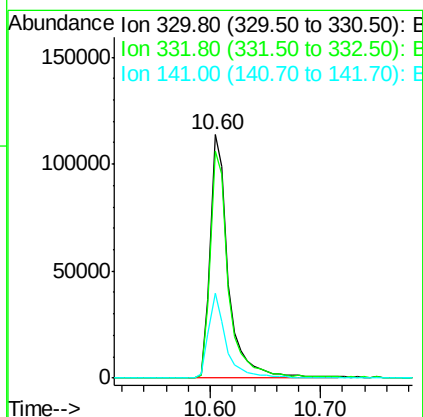
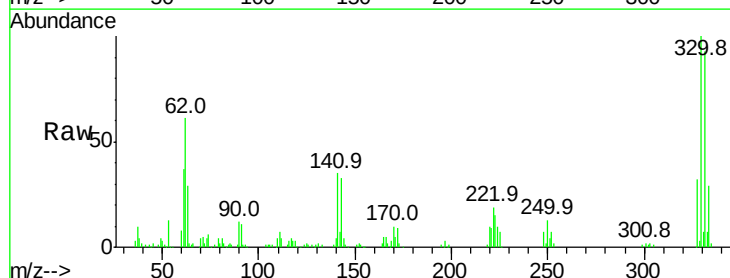
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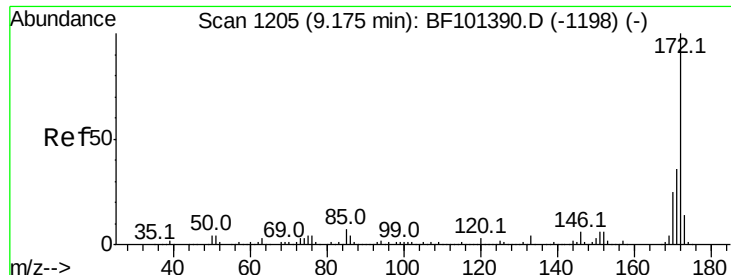
Tot Ion:164 Resp: 177593
 Ion Ratio Lower Upper
 164 100
 162 101.5 86.1 129.1
 160 46.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 74.913 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.02 min
 Lab File: BF101871.D
 Acq: 3 Jan 2018 20:18

Tgt Ion:330 Resp: 128194
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 33.7 29.9 44.9

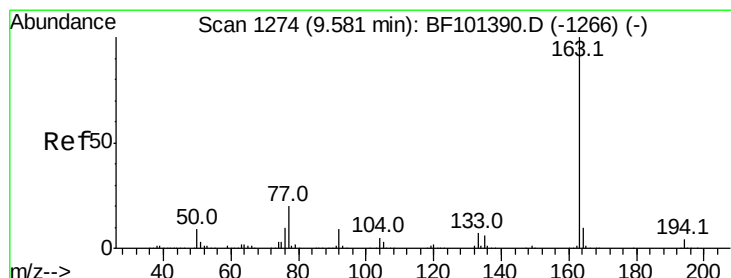
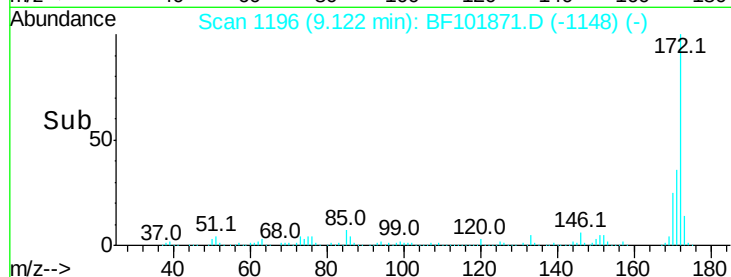
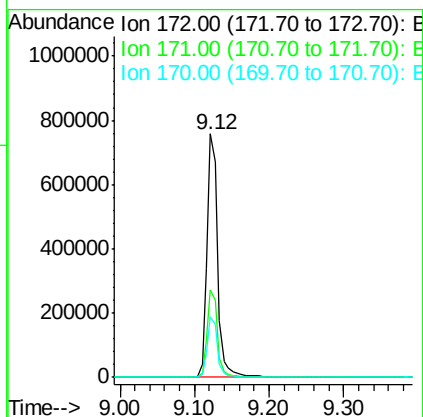
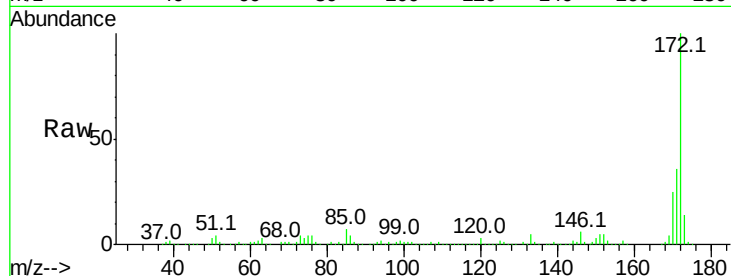




#44
 2-Fluorobiphenyl
 Concen: 66.032 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BF101871.D
 Acq: 3 Jan 2018 20:18

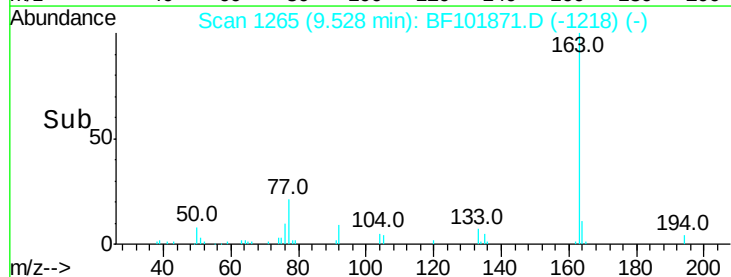
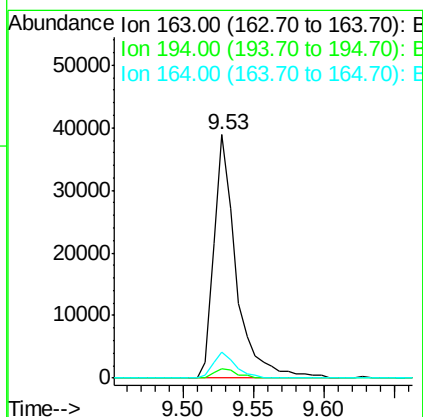
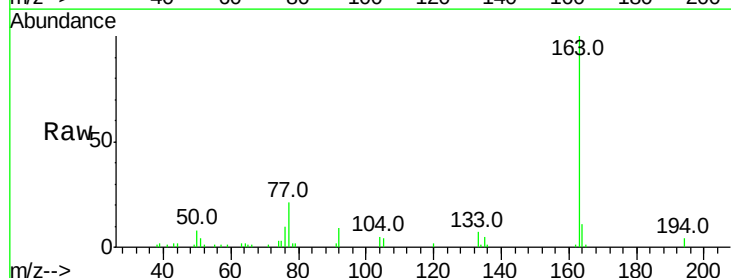
Instrument :
 BNA_F
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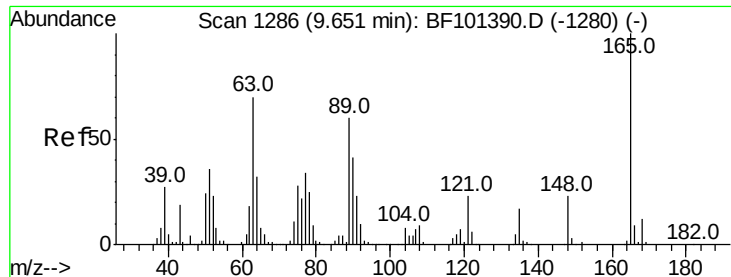
Tot Ion:172 Resp: 755959
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.8 19.6 29.4



#49
 Dimethylphthalate
 Concen: 2.994 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF101871.D
 Acq: 3 Jan 2018 20:18

Tgt Ion:163 Resp: 42762
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.7 4.1
 164 10.8 8.2 12.2

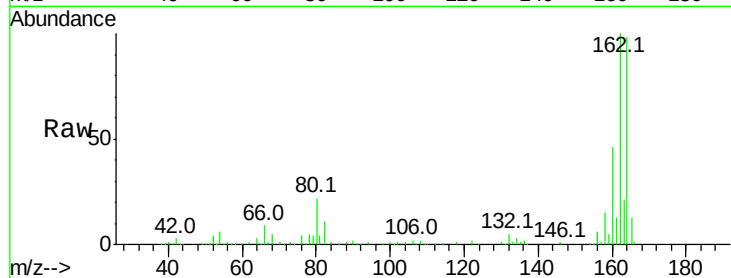




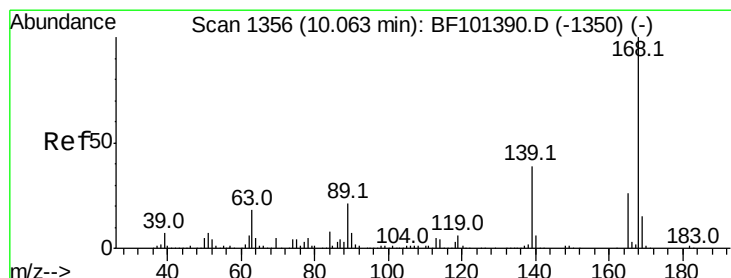
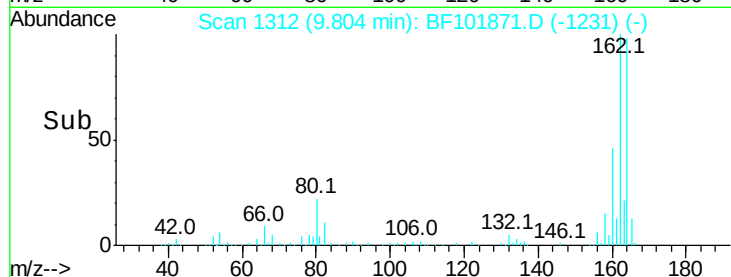
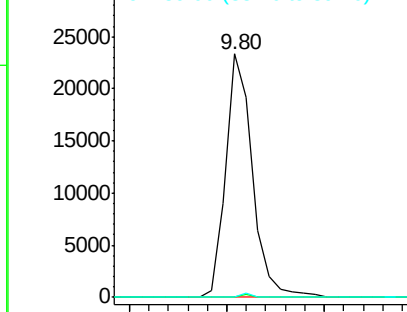
#50
2,6-Dinitrotoluene
Concen: 7.621 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.18 min
Lab File: BF101871.D
Acq: 3 Jan 2018 20:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



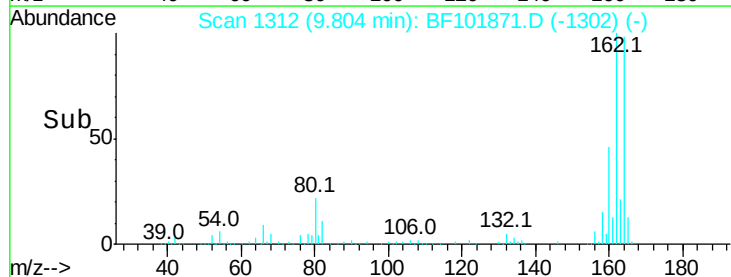
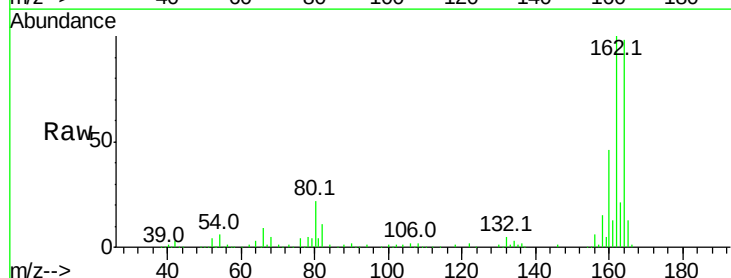
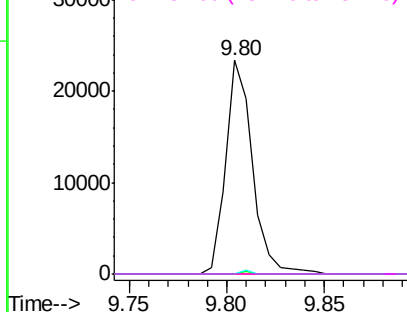
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

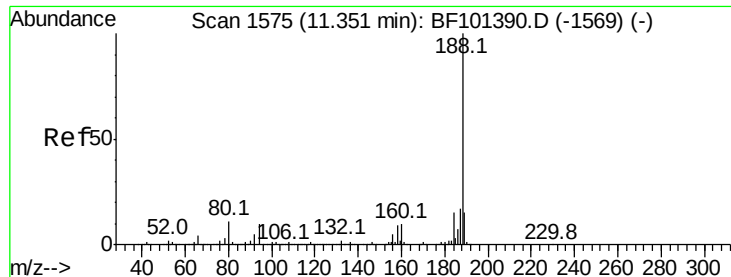


#56
2,4-Dinitrotoluene
Concen: 6.764 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.24 min
Lab File: BF101871.D
Acq: 3 Jan 2018 20:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	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

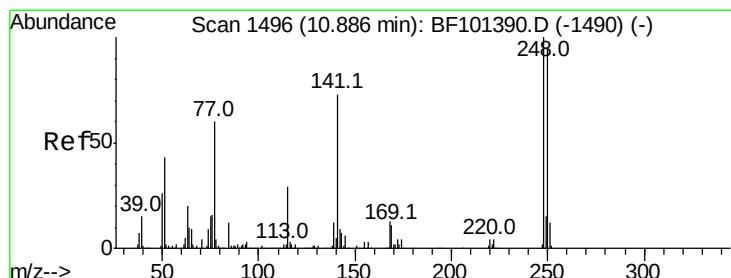
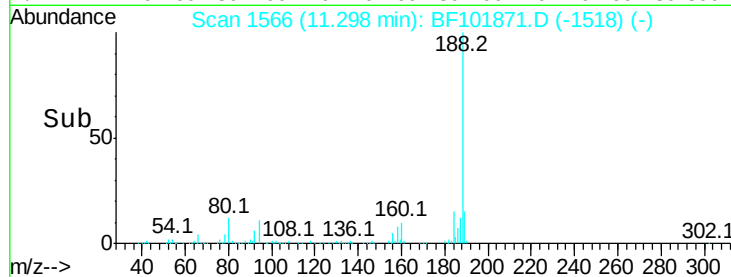
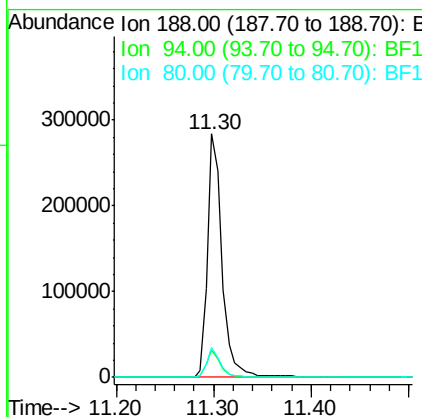
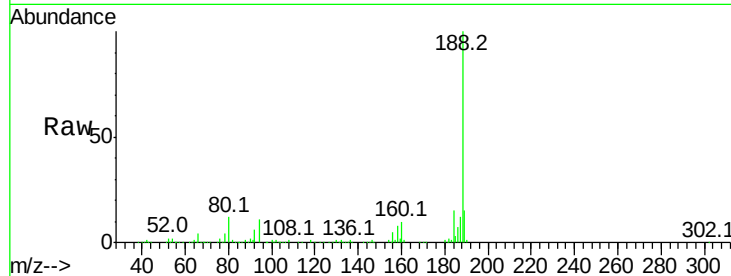




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF101871.D
Acq: 3 Jan 2018 20:18

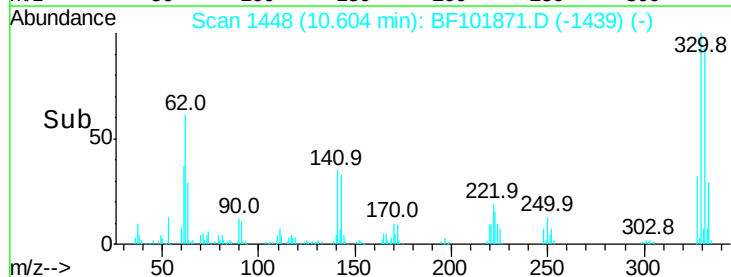
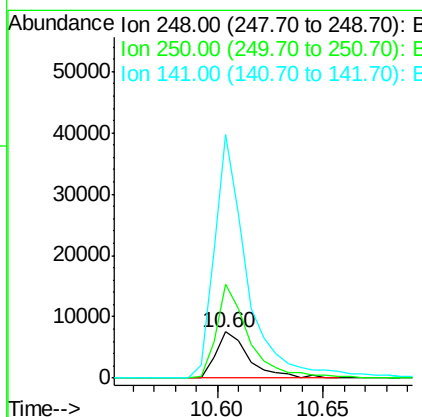
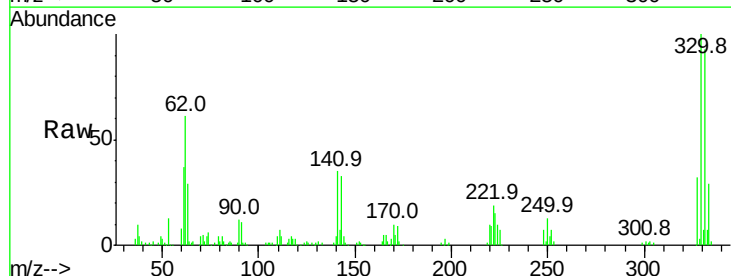
Instrument :
BNA_F
ClientSampleId :

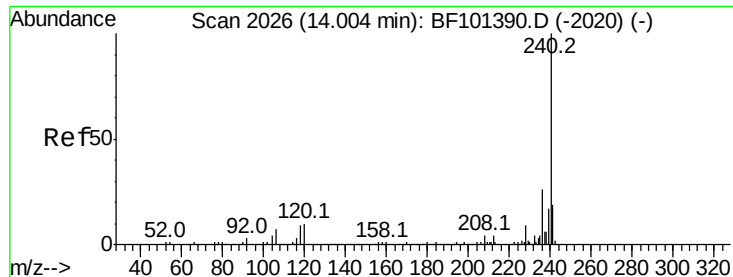
Tot Ion:188 Resp: 293773
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 12.2 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.455 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF101871.D
Acq: 3 Jan 2018 20:18

Tgt Ion:248 Resp: 8103
Ion Ratio Lower Upper
248 100
250 203.2 76.9 115.3#
141 527.8 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF101871.D

Acq: 3 Jan 2018 20:18

Instrument :

BNA_F

ClientSampleId :

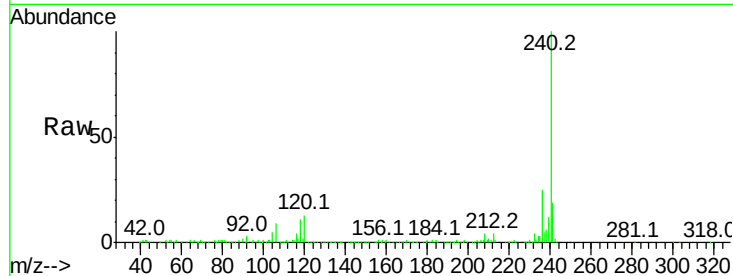
Tot Ion:240 Resp: 259251

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

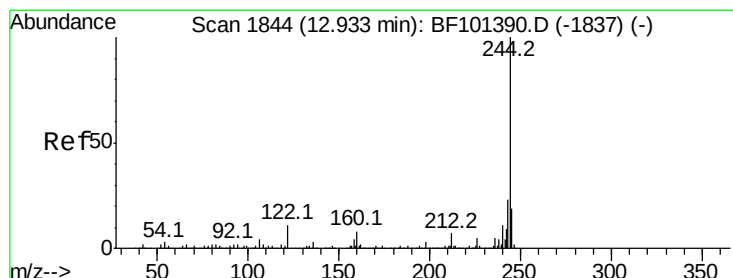
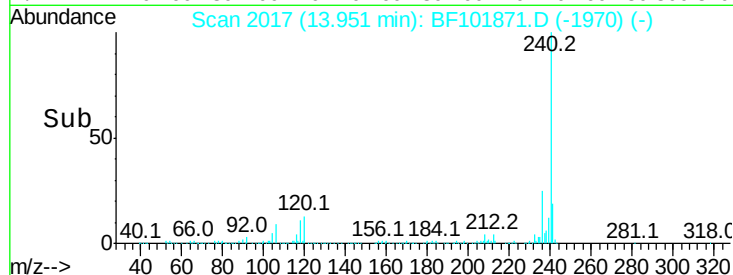
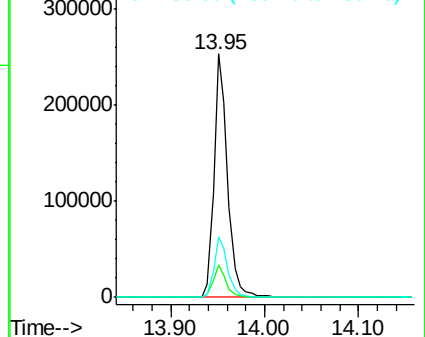
236 25.1 20.7 31.1



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: 54.081 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF101871.D

Acq: 3 Jan 2018 20:18

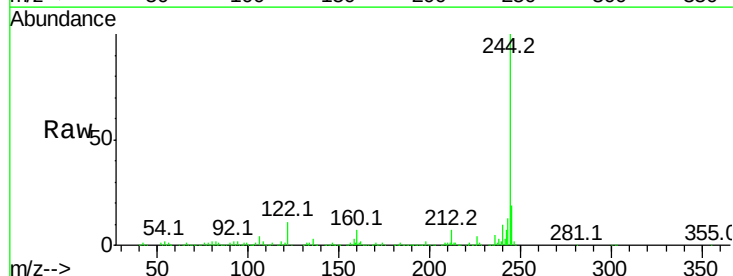
Tgt Ion:244 Resp: 581575

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

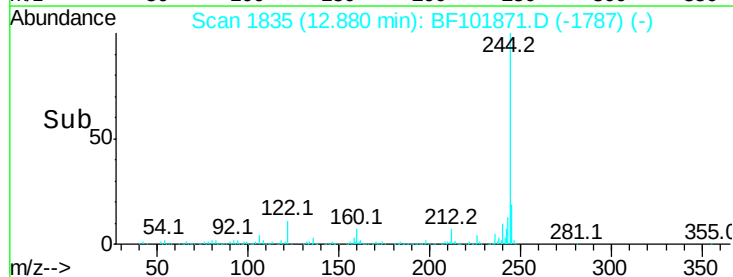
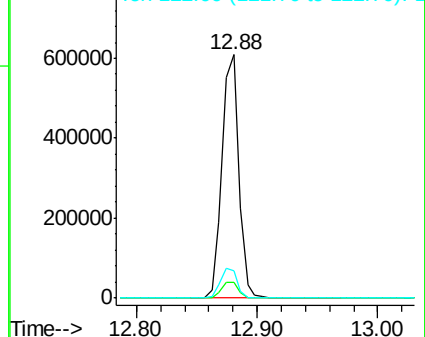
122 11.1 11.0 16.4

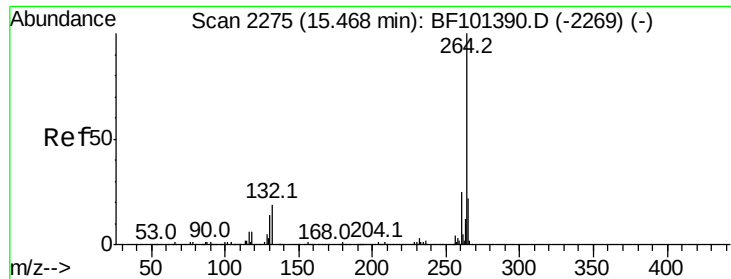


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

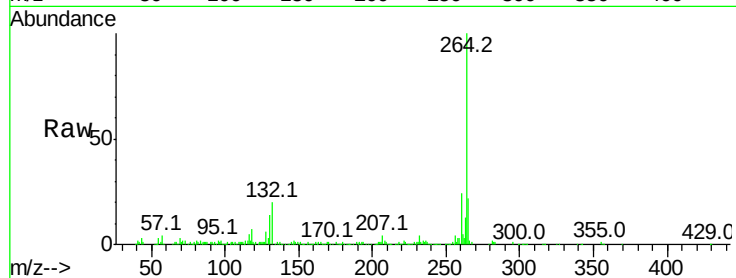




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF101871.D
Acq: 3 Jan 2018 20:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	198376
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.2	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

