

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022218\
 Data File : BF103164.D
 Acq On : 22 Feb 2018 16:10
 Operator : SJ/JU
 Sample : J1396-01 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022118

Quant Time: Feb 23 02:09:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 22 14:52:42 2018
 Response via : Initial Calibration

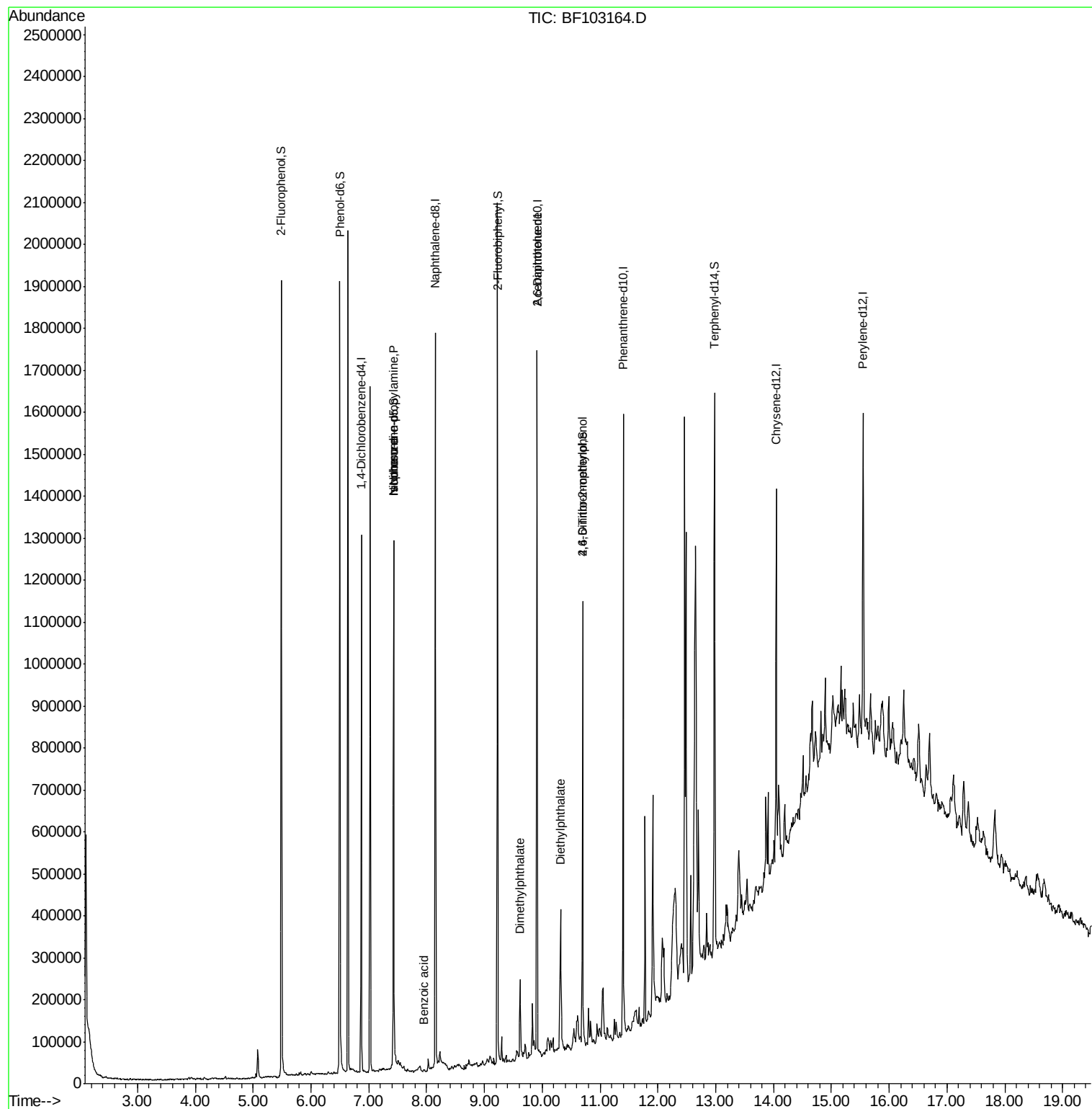
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	176901	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	734357	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	311227	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	475502	20.00	ng	0.00
75) Chrysene-d12	14.04	240	310253	20.00	ng	0.00
86) Perylene-d12	15.55	264	309434	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	518617	44.34	ng	0.00
7) Phenol-d6	6.50	99	621466	43.42	ng	0.00
23) Nitrobenzene-d5	7.43	82	388315	30.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	104074	39.51	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	633872	29.16	ng	0.00
78) Terphenyl-d14	12.98	244	442954	34.32	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	1177	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	53180	5.970 ng	#	84
25) Isophorone	7.43	82	388306	15.332 ng	#	64
32) Benzoic acid	7.96	122	508	6.971 ng	#	78
49) Dimethylphthalate	9.62	163	52541	2.104 ng		96
50) 2,6-Dinitrotoluene	9.91	165	41731	7.965 ng	#	26
59) Diethylphthalate	10.32	149	180756	7.570 ng		99
64) 4,6-Dinitro-2-methylphenol	10.70	198	160	4.995 ng	#	1

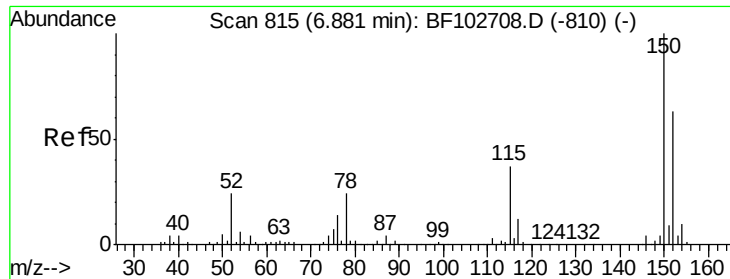
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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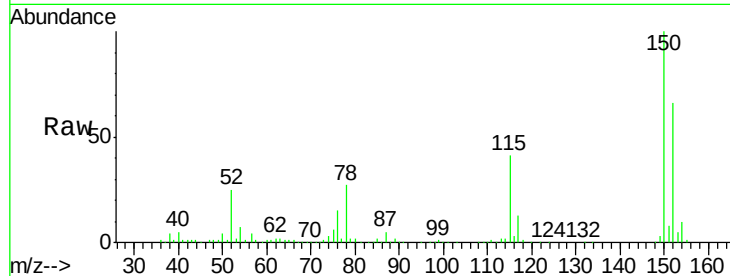


#1

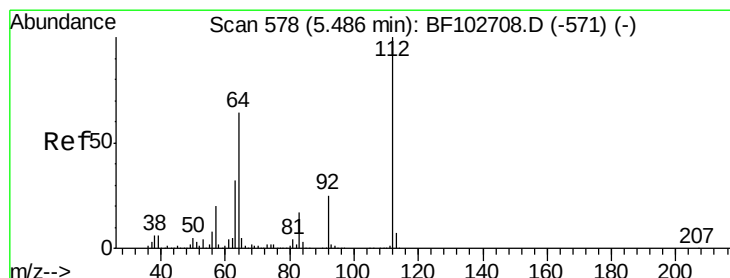
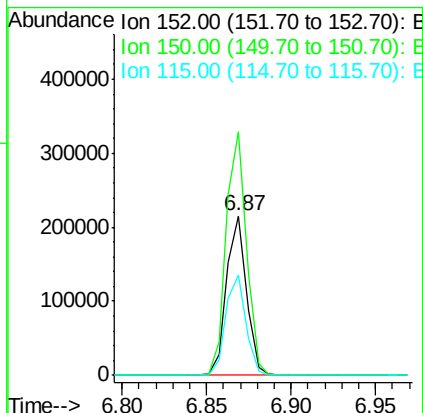
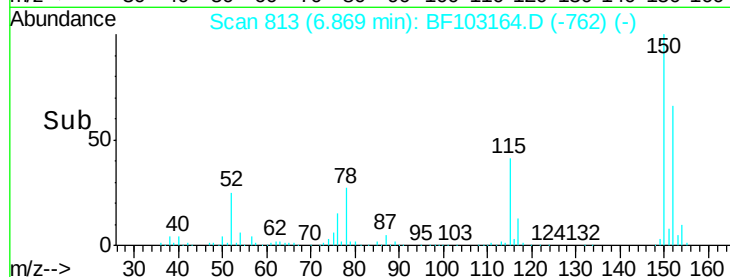
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF103164.D
 Acq: 22 Feb 2018 16:10

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022118

Tot Ion:152 Resp: 176901
 Ion Ratio Lower Upper
 152 100
 150 152.4 124.6 186.8
 115 62.6 50.1 75.1



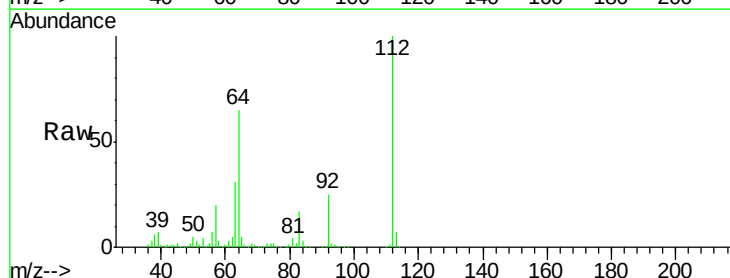
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



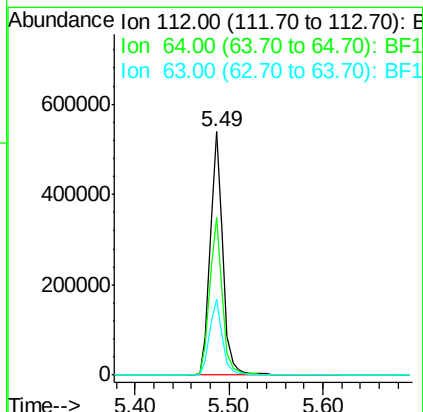
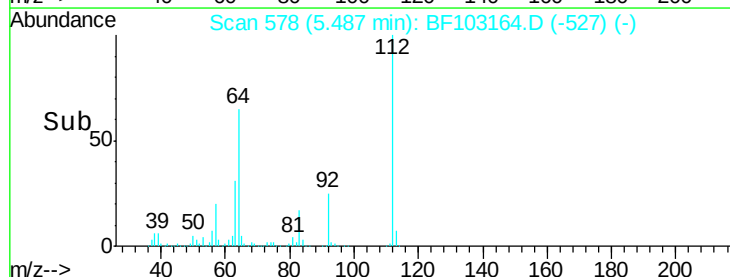
#5

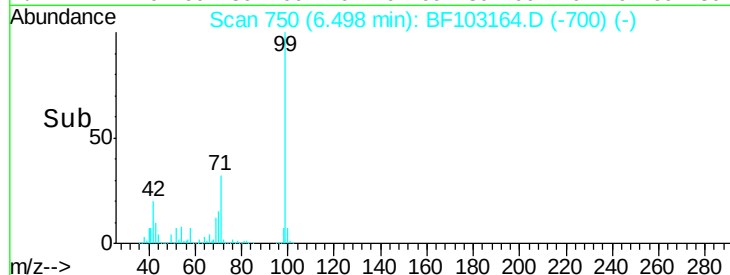
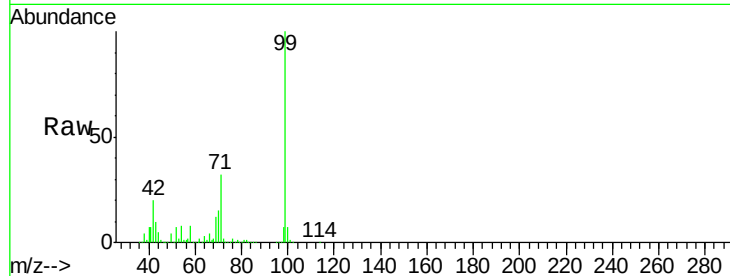
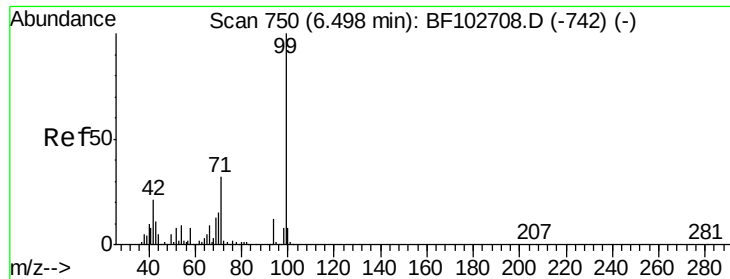
2-Fluorophenol
 Concen: 44.340 ng
 RT: 5.49 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: BF103164.D
 Acq: 22 Feb 2018 16:10

Tgt Ion:112 Resp: 518617
 Ion Ratio Lower Upper
 112 100
 64 65.1 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: 43.421 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

Instrument :

BNA_F

ClientSampleId :

HD-01-022118

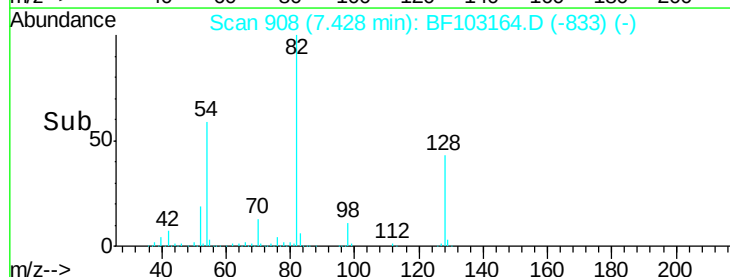
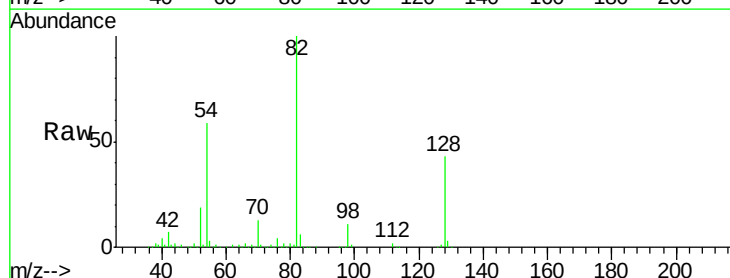
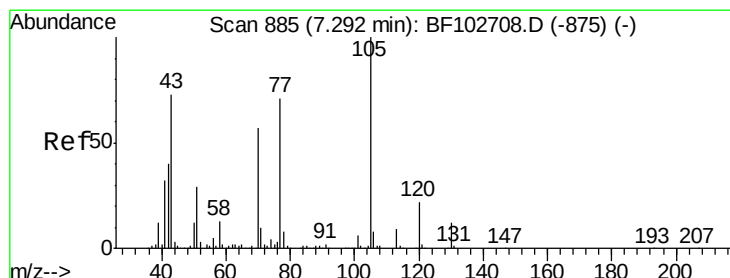
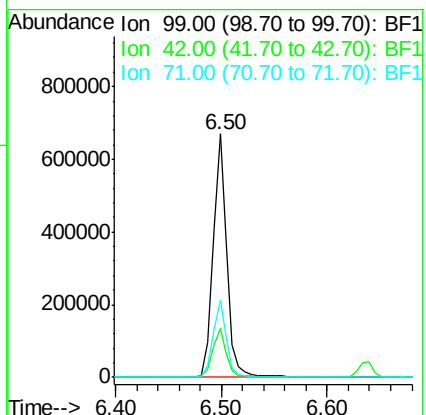
Tot Ion: 99 Resp: 621466

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

71 31.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 5.970 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

Tgt Ion: 70 Resp: 53180

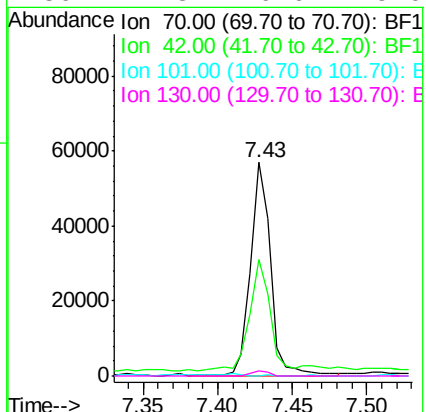
Ion Ratio Lower Upper

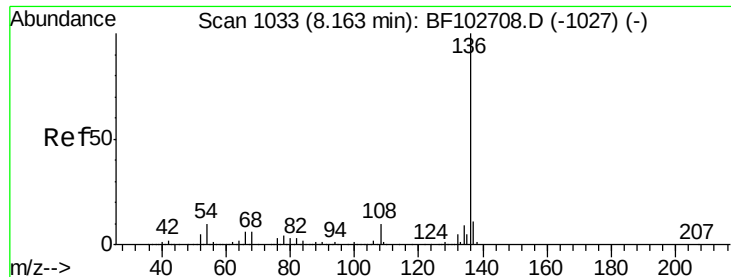
70 100

42 54.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

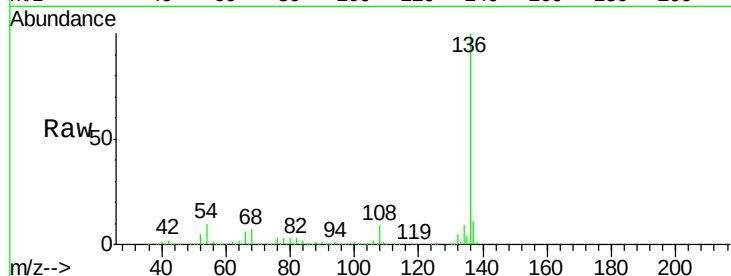




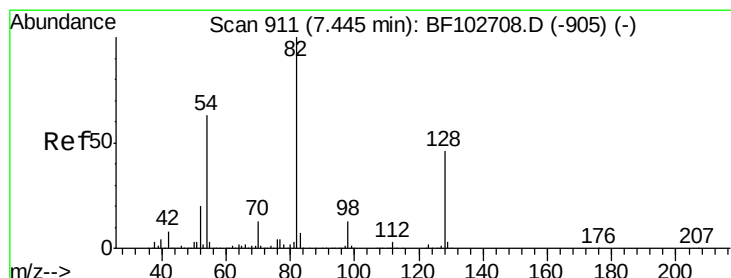
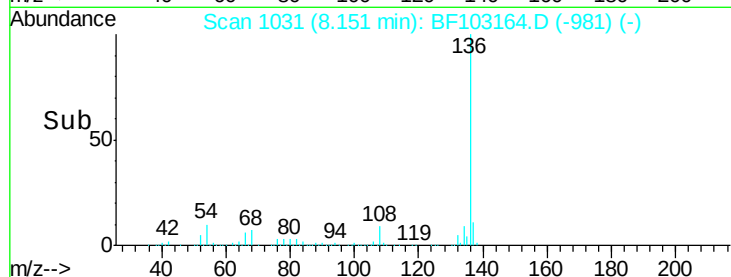
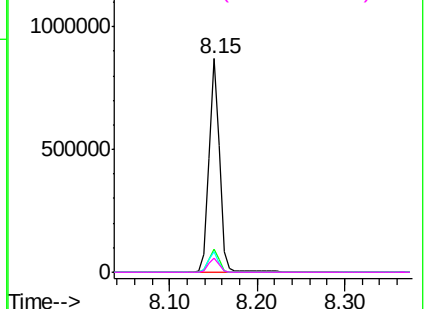
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103164.D
Acq: 22 Feb 2018 16:10

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tot Ion:136	Resp:	734357
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	9.6	6.6 9.8
68	6.6	5.0 7.4

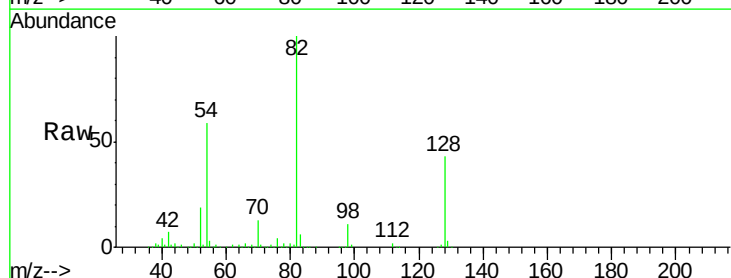


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

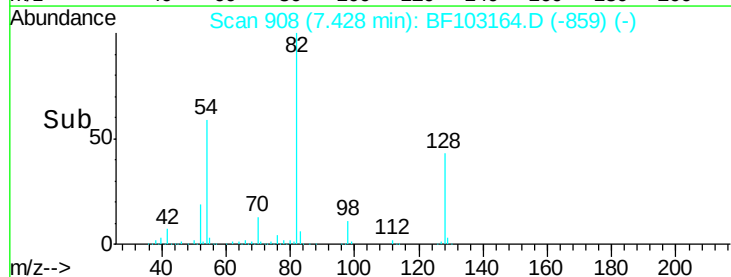
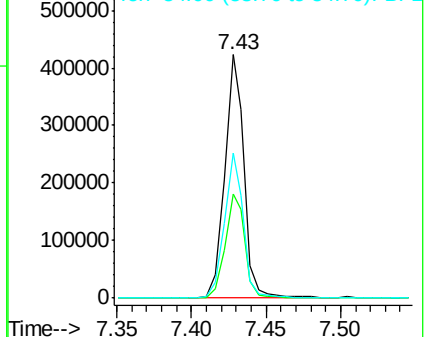


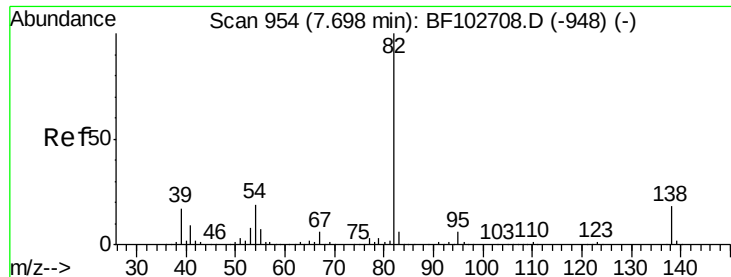
#23
Nitrobenzene-d5
Concen: 30.198 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103164.D
Acq: 22 Feb 2018 16:10

Tgt Ion: 82	Resp:	388315
Ion Ratio	Lower	Upper
82	100	
128	42.9	36.1 54.1
54	59.5	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: 15.332 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

Instrument :

BNA_F

ClientSampleId :

HD-01-022118

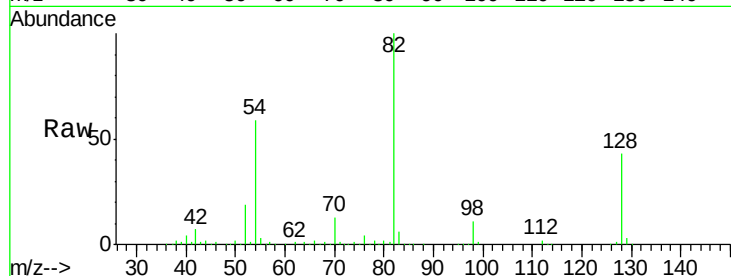
Tot Ion: 82 Resp: 388306

Ion Ratio Lower Upper

82 100

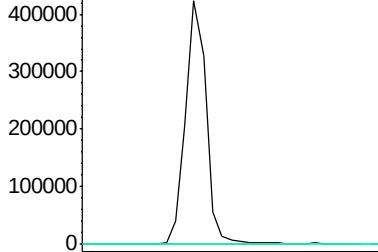
95 0.1 5.2 7.8#

138 0.0 14.9 22.3#

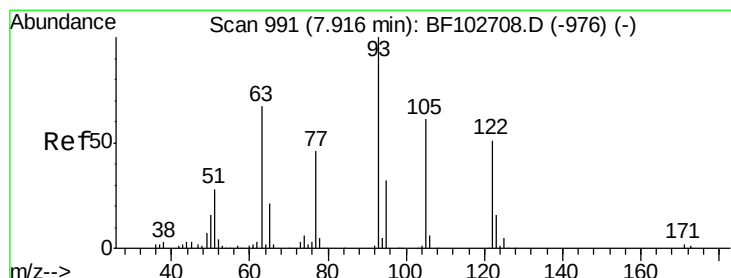
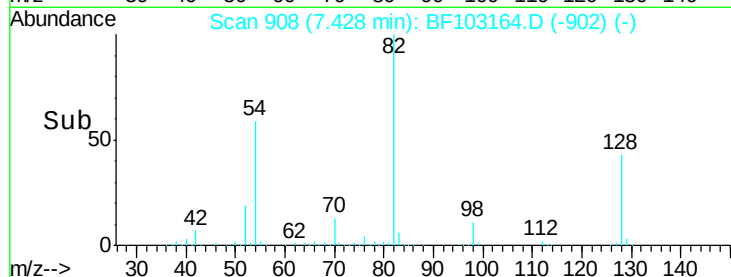


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

7.43



Time-->



#32

Benzoic acid

Concen: 6.971 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.02 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

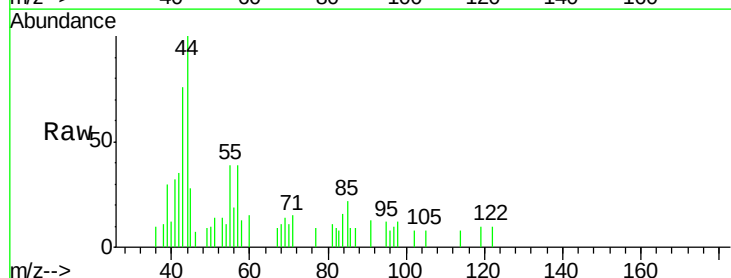
Tgt Ion: 122 Resp: 508

Ion Ratio Lower Upper

122 100

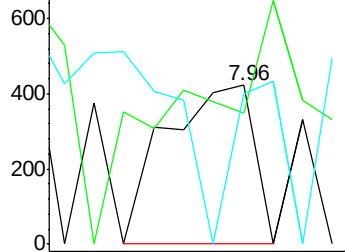
105 82.2 101.1 141.1#

77 94.5 70.7 110.7

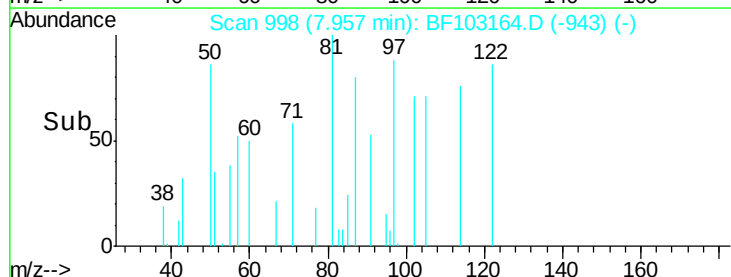


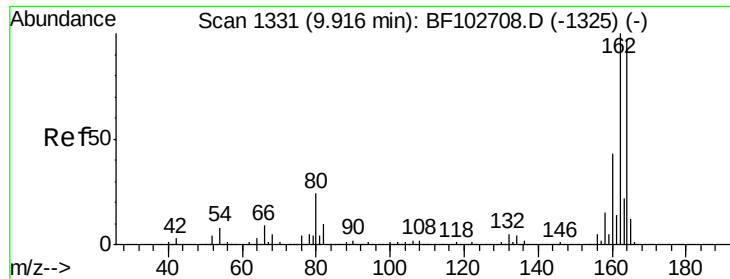
Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

7.96



Time-->

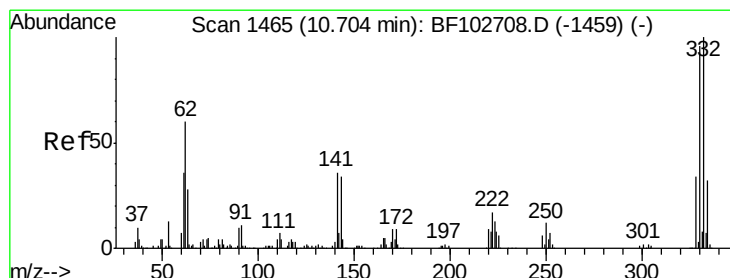
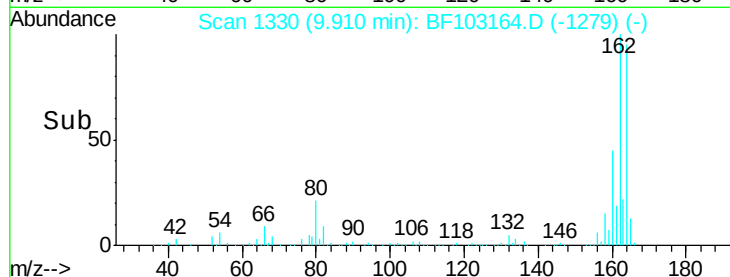
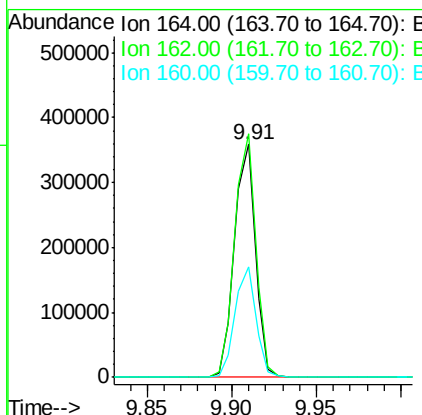
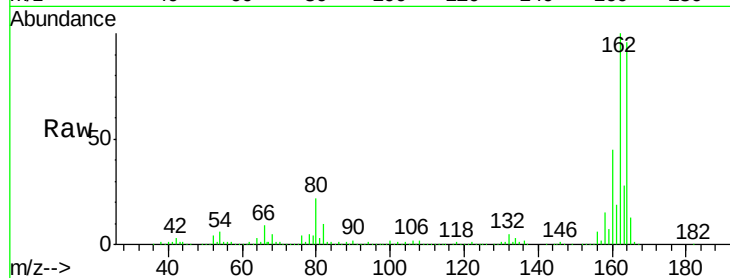




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF103164.D
 Acq: 22 Feb 2018 16:10

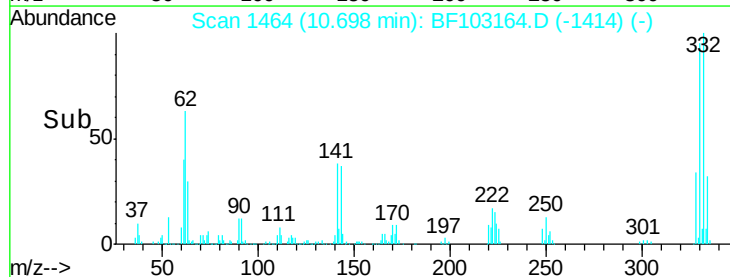
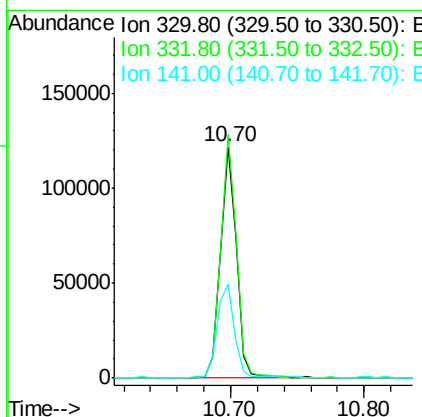
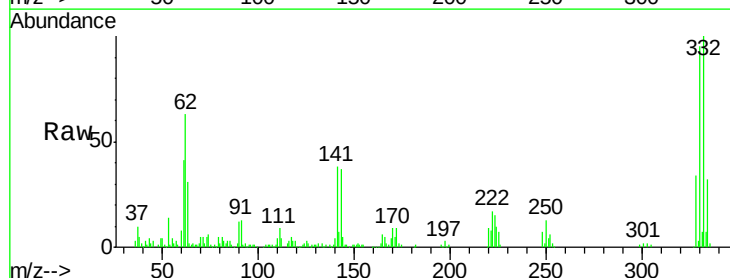
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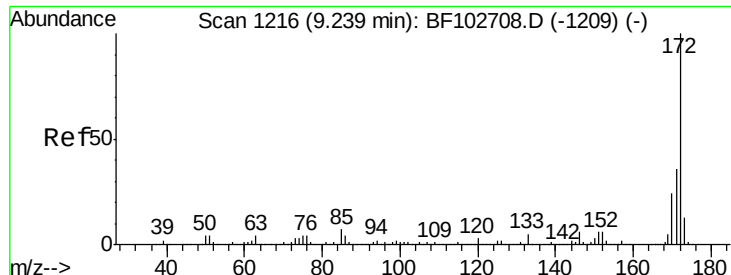
Tot Ion:164 Resp: 311227
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.1 129.1
 160 47.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 39.506 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103164.D
 Acq: 22 Feb 2018 16:10

Tgt Ion:330 Resp: 104074
 Ion Ratio Lower Upper
 330 100
 332 103.8 77.0 115.6
 141 43.9 29.9 44.9

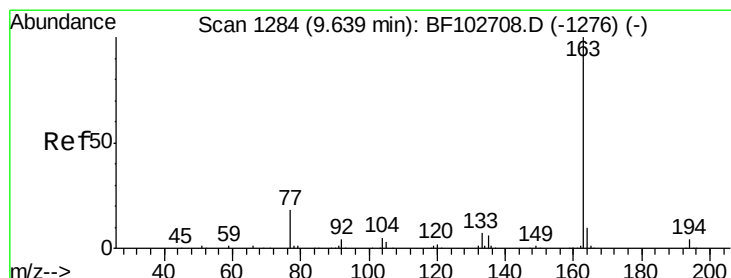
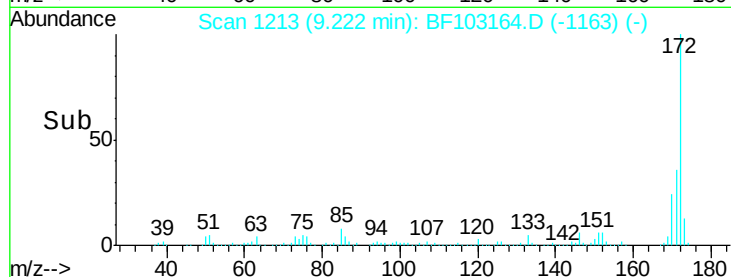
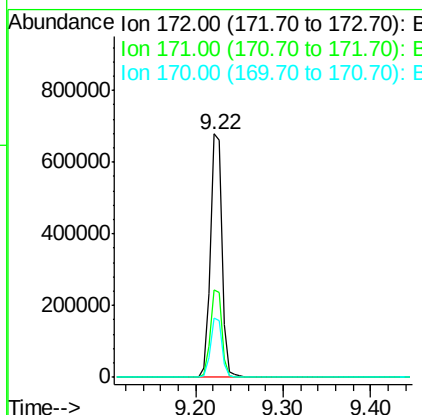
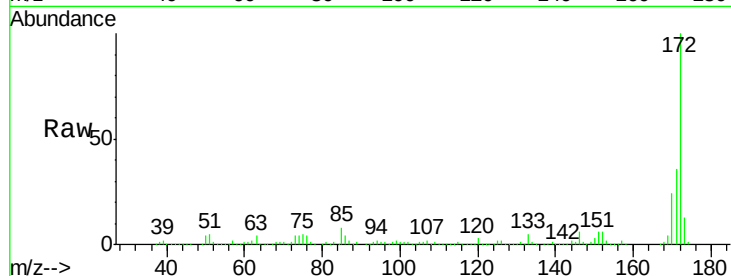




#44
 2-Fluorobiphenyl
 Concen: 29.164 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF103164.D
 Acq: 22 Feb 2018 16:10

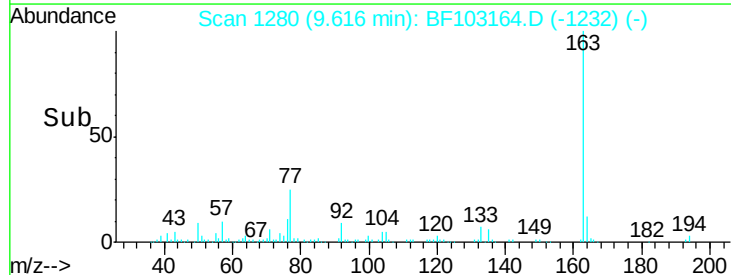
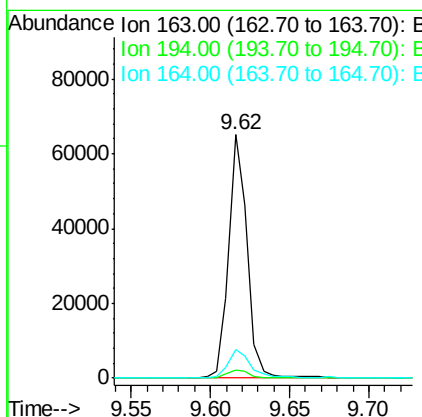
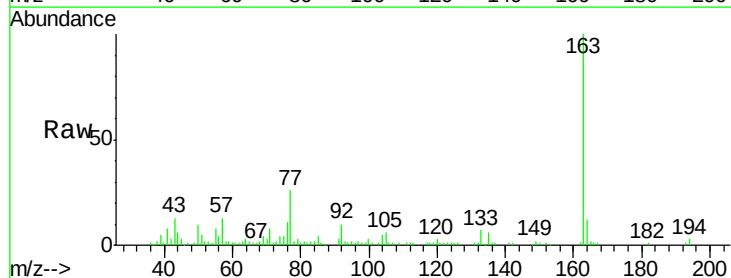
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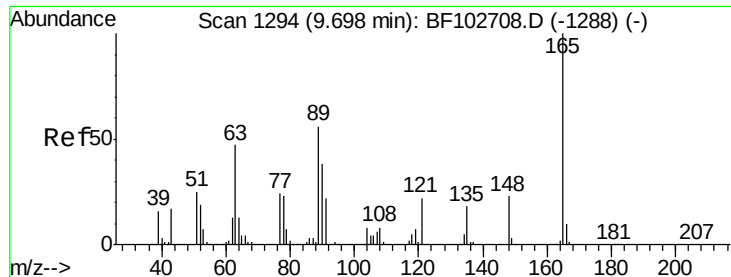
Tot Ion:172 Resp: 633872
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.2 19.6 29.4



#49
 Dimethylphthalate
 Concen: 2.104 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BF103164.D
 Acq: 22 Feb 2018 16:10

Tgt Ion:163 Resp: 52541
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.7 4.1
 164 12.0 8.2 12.2

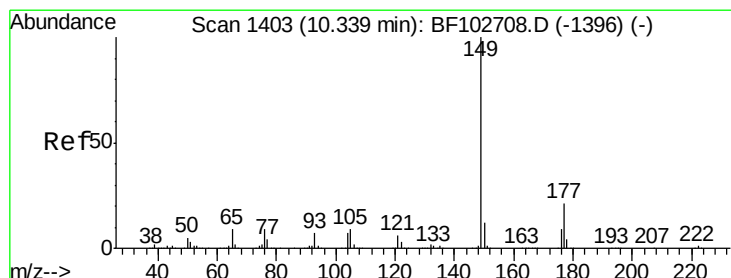
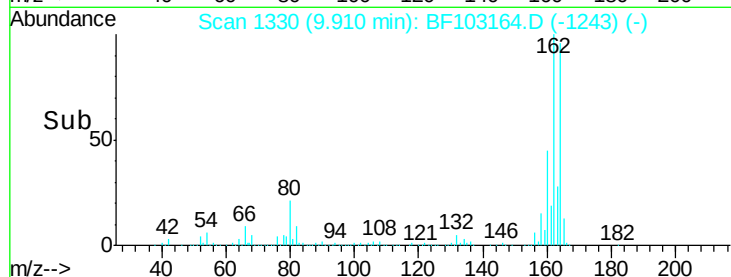
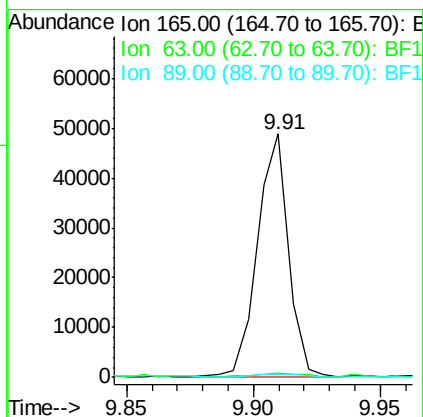
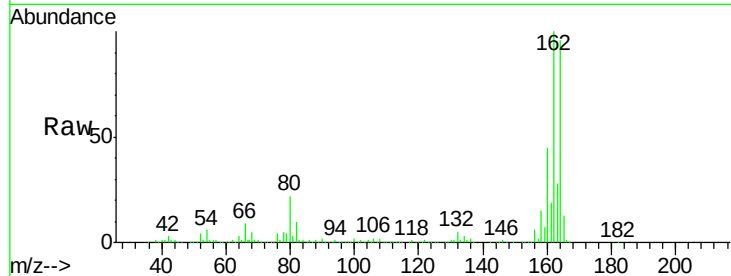




#50
2,6-Dinitrotoluene
Concen: 7.965 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF103164.D
Acq: 22 Feb 2018 16:10

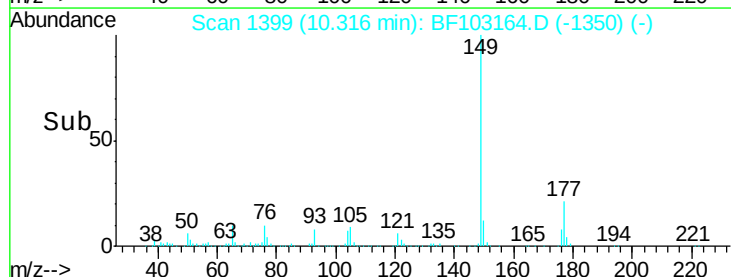
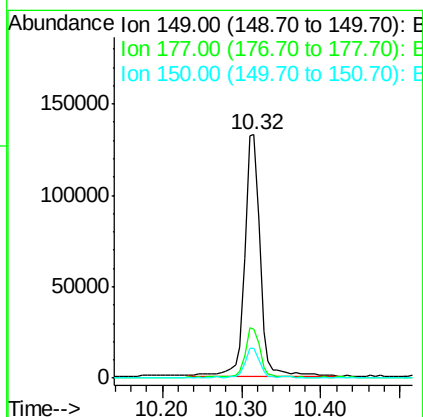
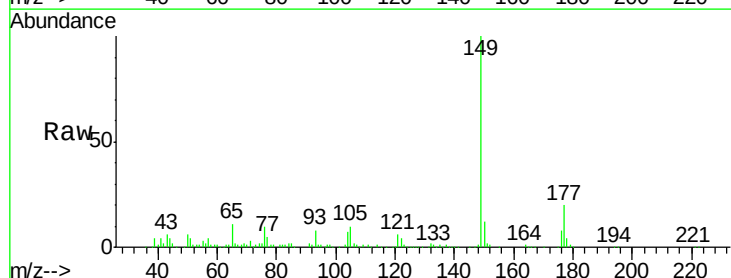
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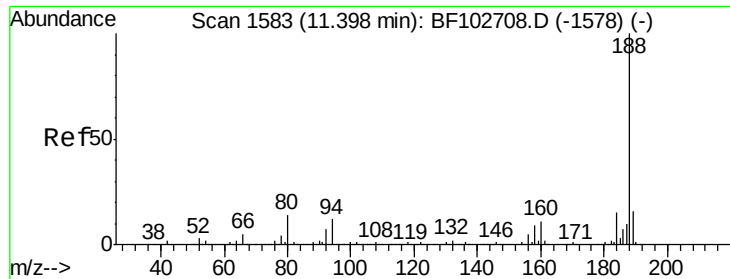
Tot Ion:165 Resp: 41731
Ion Ratio Lower Upper
165 100
63 1.7 44.7 67.1#
89 1.1 44.0 66.0#



#59
Diethylphthalate
Concen: 7.570 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF103164.D
Acq: 22 Feb 2018 16:10

Tgt Ion:149 Resp: 180756
Ion Ratio Lower Upper
149 100
177 20.4 16.1 24.1
150 12.2 10.1 15.1

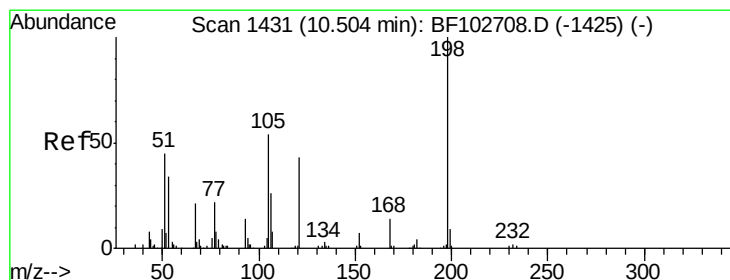
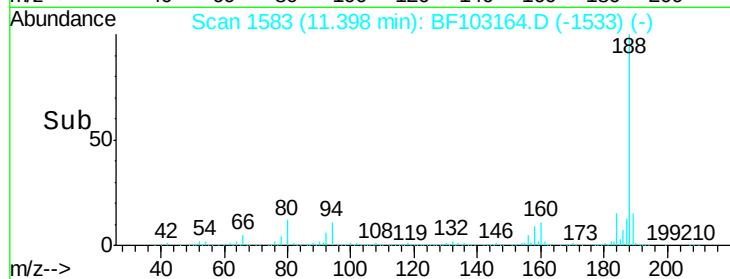
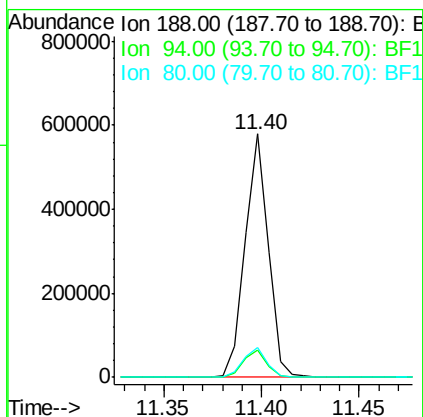
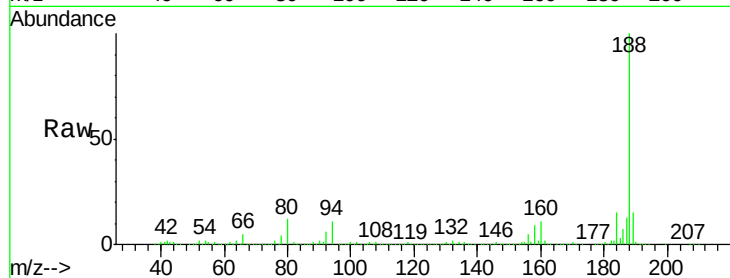




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103164.D
Acq: 22 Feb 2018 16:10

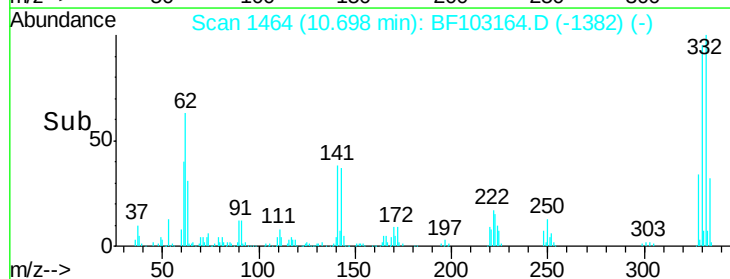
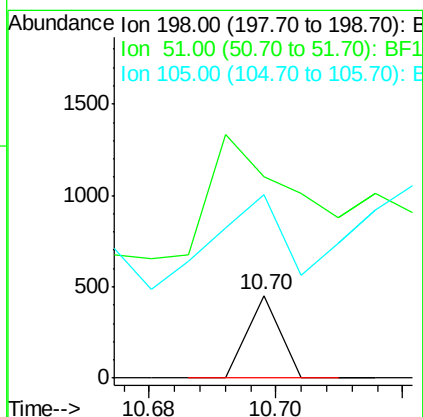
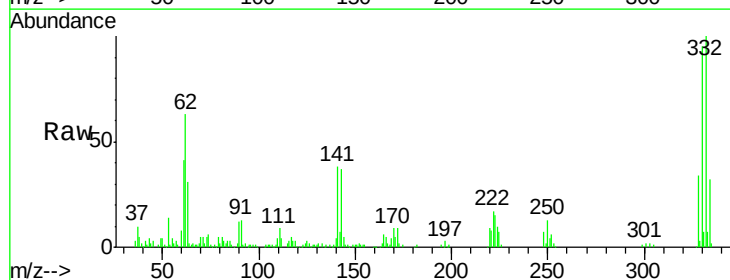
Instrument :
BNA_F
ClientSampleId :
HD-01-022118

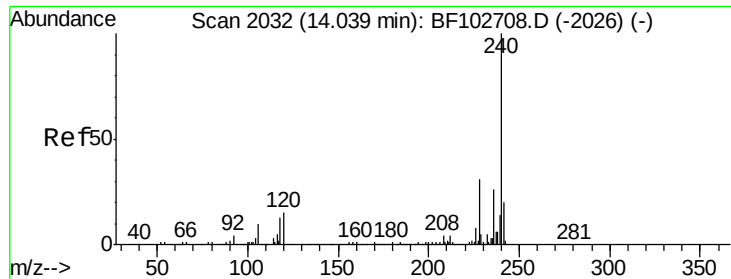
Tot Ion:188 Resp: 475502
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 4.995 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.18 min
Lab File: BF103164.D
Acq: 22 Feb 2018 16:10

Tgt Ion:198 Resp: 160
Ion Ratio Lower Upper
198 100
51 243.3 37.7 77.7#
105 221.0 36.3 76.3#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

Instrument :

BNA_F

ClientSampleId :

HD-01-022118

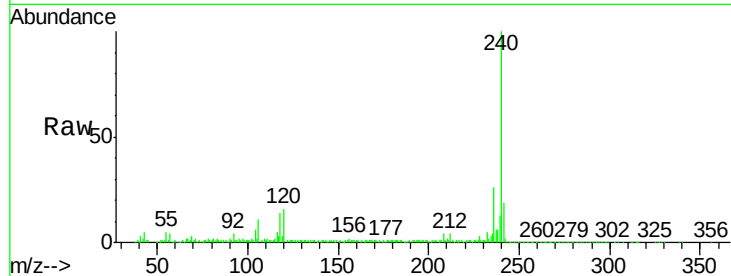
Tot Ion:240 Resp: 310253

Ion Ratio Lower Upper

240 100

120 16.0 9.5 14.3#

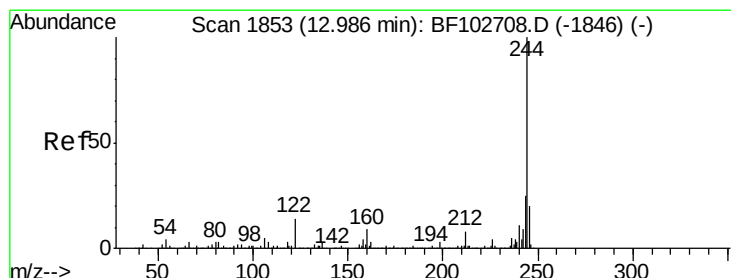
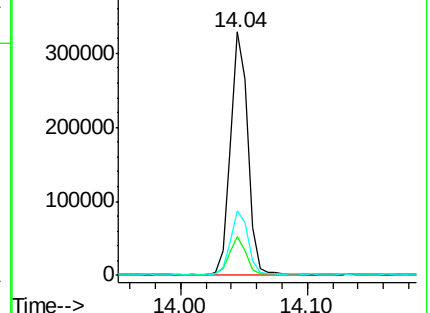
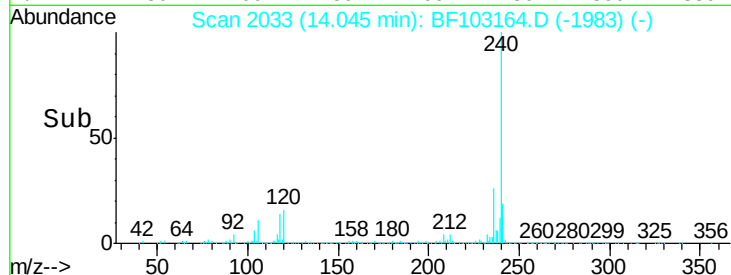
236 26.3 20.7 31.1



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: 34.320 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103164.D

Acq: 22 Feb 2018 16:10

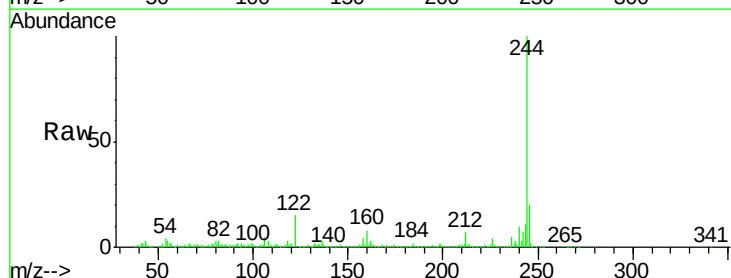
Tgt Ion:244 Resp: 442954

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

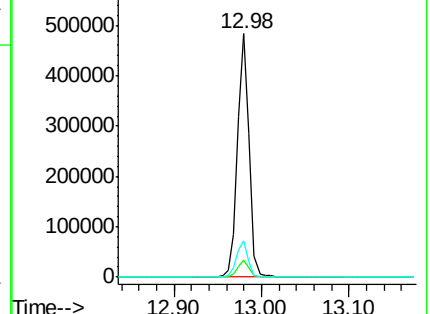
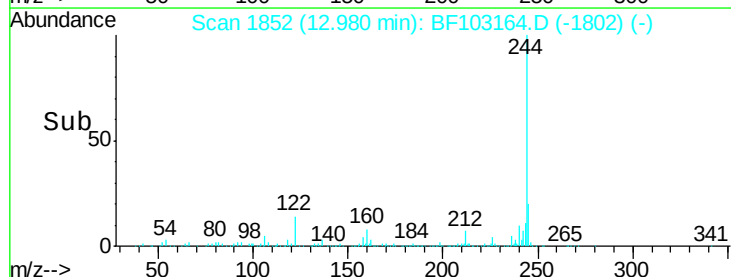
122 14.6 11.0 16.4

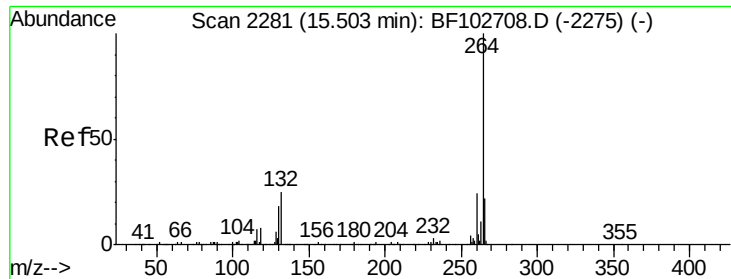


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF103164.D
Acq: 22 Feb 2018 16:10

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.2	17.5	26.3

