

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
 Data File : BF103135.D
 Acq On : 21 Feb 2018 14:44
 Operator : SJ/JU
 Sample : J1622-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAD-SUB-TRENCH

Quant Time: Feb 21 15:21:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

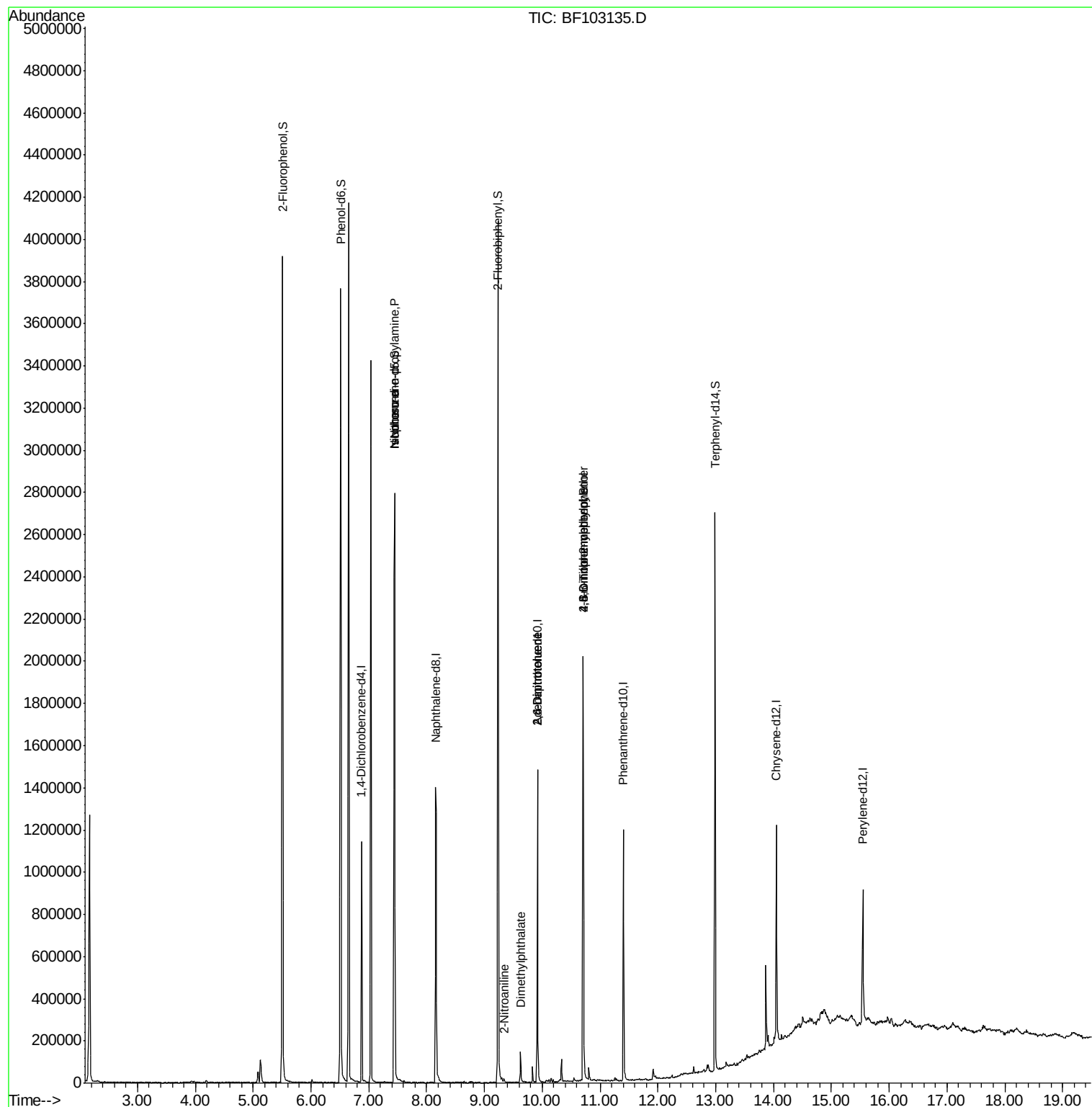
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	169540	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	703368	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	276583	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	418272	20.00	ng	0.00
75) Chrysene-d12	14.05	240	342128	20.00	ng	0.00
86) Perylene-d12	15.54	264	298233	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1287883	115.36	ng	0.02
7) Phenol-d6	6.52	99	1520046	113.08	ng	0.00
23) Nitrobenzene-d5	7.45	82	968766	95.55	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	252718	113.52	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1381093	82.86	ng	0.00
78) Terphenyl-d14	12.99	244	958575	66.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	129179	14.576	ng	# 79
25) Isophorone	7.45	82	968751	41.493	ng	# 64
47) 2-Nitroaniline	9.33	65	230	3.510	ng	# 2
49) Dimethylphthalate	9.63	163	68150	3.160	ng	# 98
50) 2,6-Dinitrotoluene	9.92	165	35996	8.773	ng	# 26
56) 2,4-Dinitrotoluene	9.92	165	35996	9.198	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.71	198	434	9.023	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	16699	3.774	ng	# 1

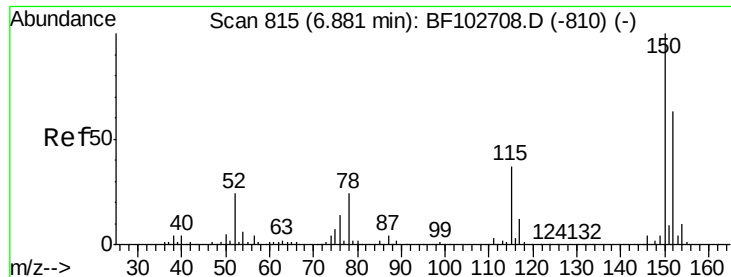
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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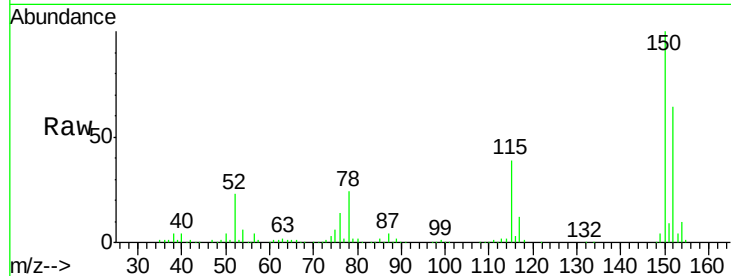


#1

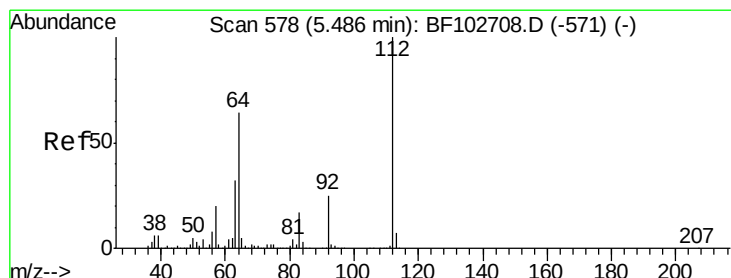
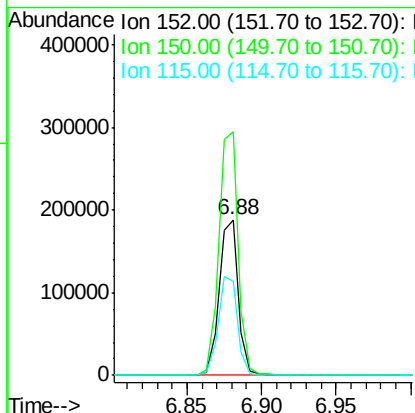
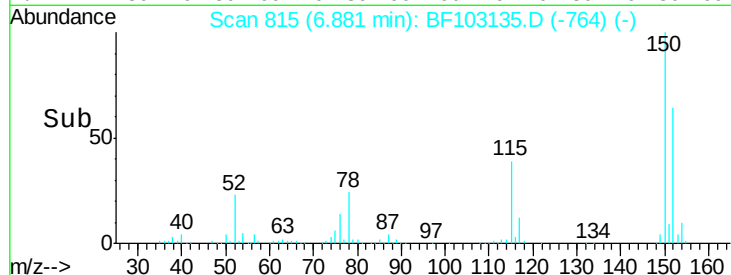
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF103135.D
Acq: 21 Feb 2018 14:44

Instrument :
BNA_F
ClientSampleId :
MAD-SUB-TRENCH

Tot Ion:152 Resp: 169540
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 60.2 50.1 75.1



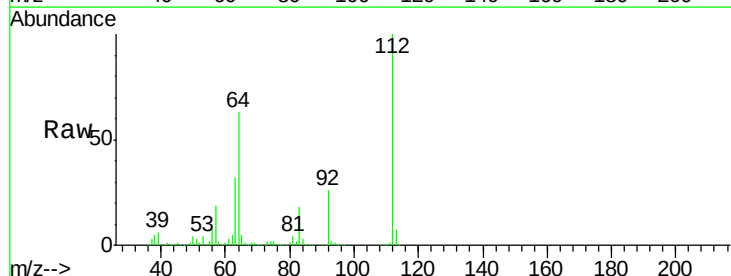
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



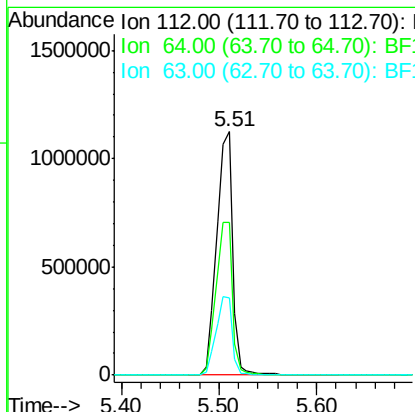
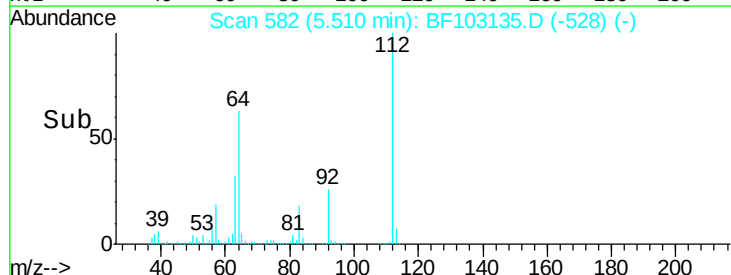
#5

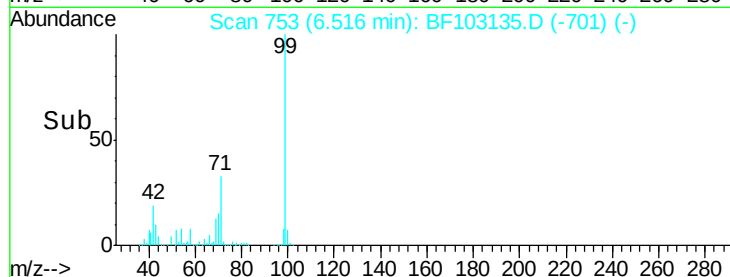
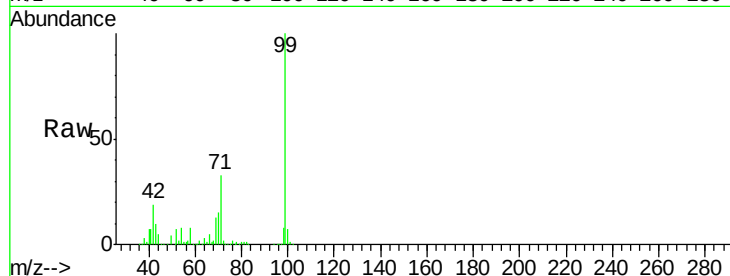
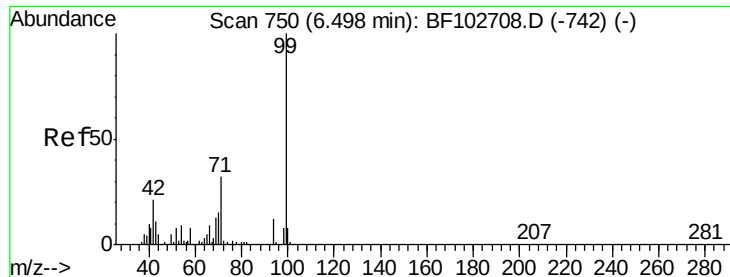
2-Fluorophenol
Concen: 115.363 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF103135.D
Acq: 21 Feb 2018 14:44

Tgt Ion:112 Resp: 1287883
Ion Ratio Lower Upper
112 100
64 62.5 47.9 71.9
63 32.0 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: 113.083 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103135.D

Acq: 21 Feb 2018 14:44

Instrument :

BNA_F

ClientSampleId :

MAD-SUB-TRENCH

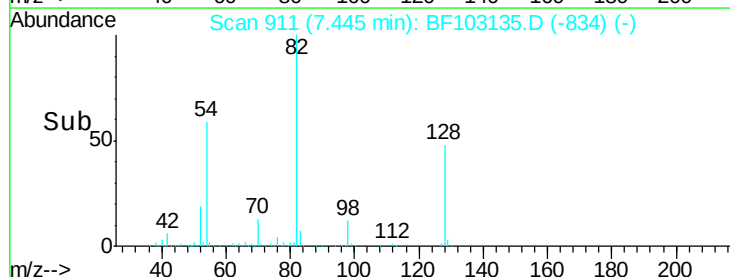
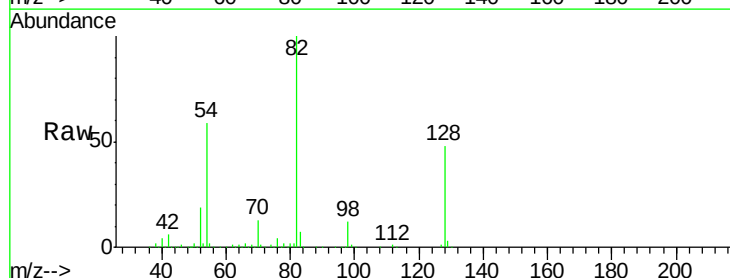
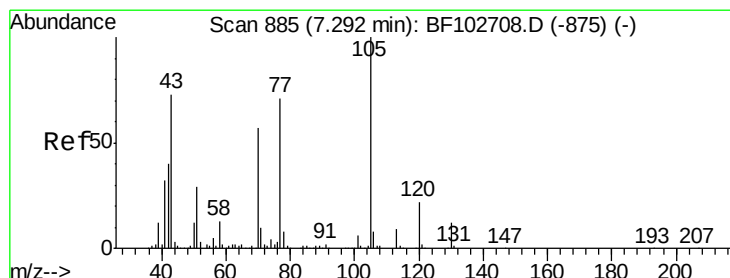
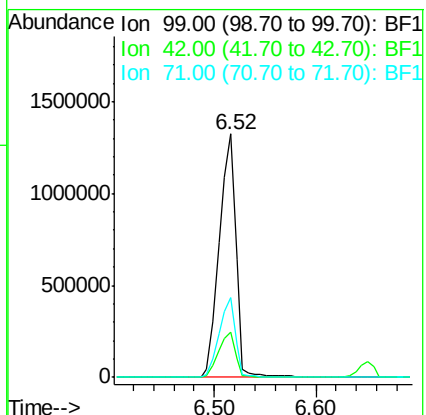
Tot Ion: 99 Resp: 1520046

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

71 32.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.576 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF103135.D

Acq: 21 Feb 2018 14:44

Tgt Ion: 70 Resp: 129179

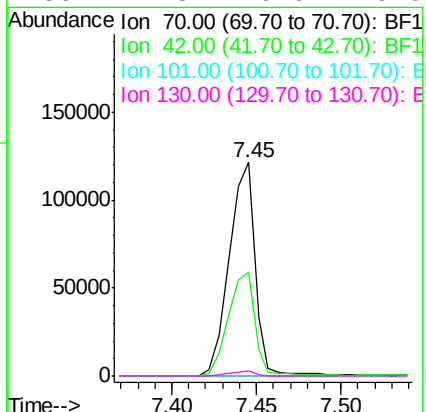
Ion Ratio Lower Upper

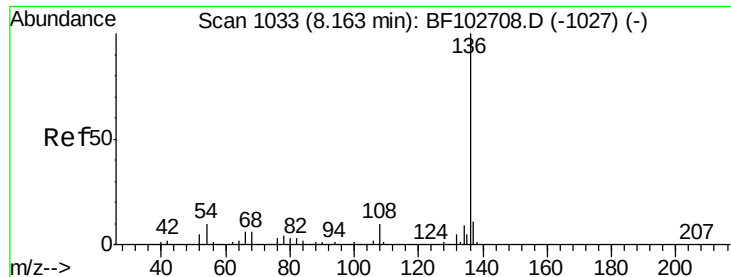
70 100

42 48.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

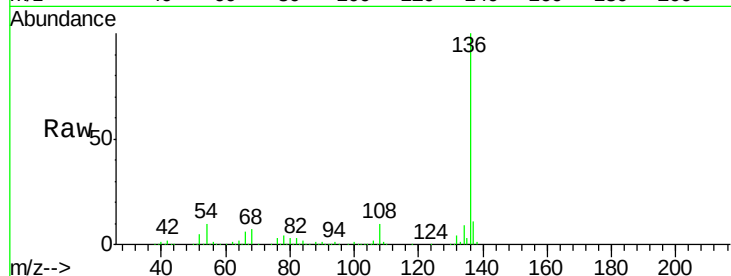




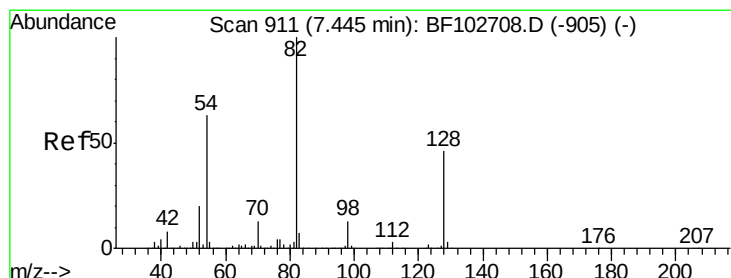
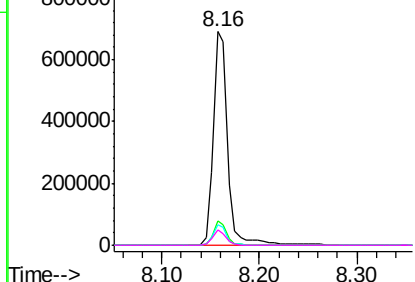
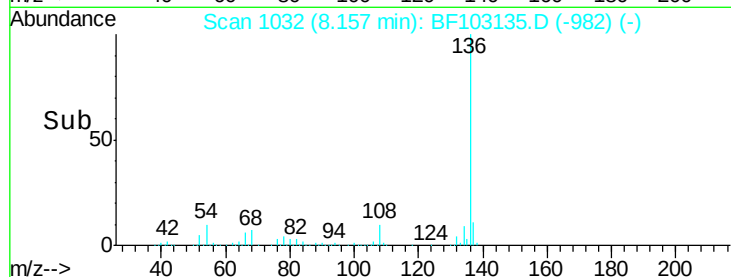
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103135.D
Acq: 21 Feb 2018 14:44

Instrument :
BNA_F
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MAD-SUB-TRENCH

Tot Ion:136	Resp:	703368
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.9	6.6 9.8#
68	6.9	5.0 7.4

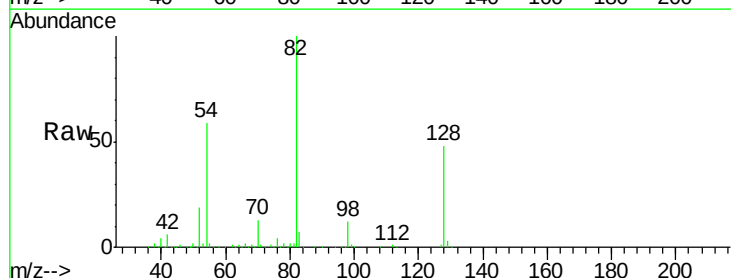


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

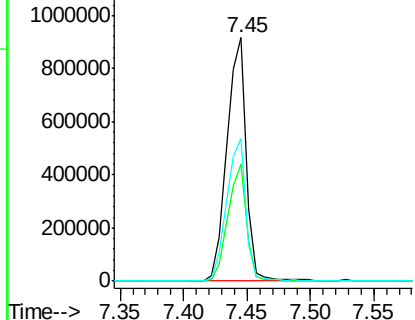
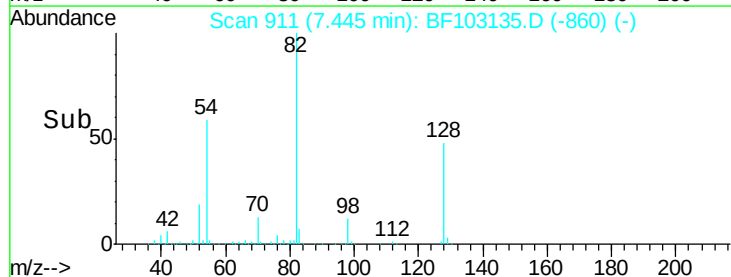


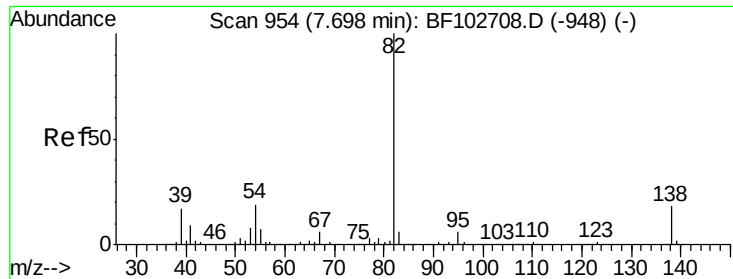
#23
Nitrobenzene-d5
Concen: 95.546 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103135.D
Acq: 21 Feb 2018 14:44

Tgt Ion: 82	Resp:	968766
Ion Ratio	Lower	Upper
82	100	
128	48.2	36.1 54.1
54	58.8	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

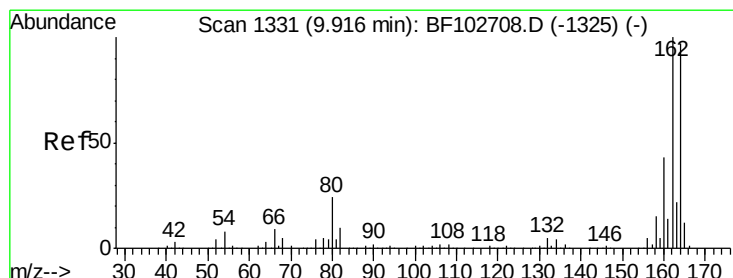
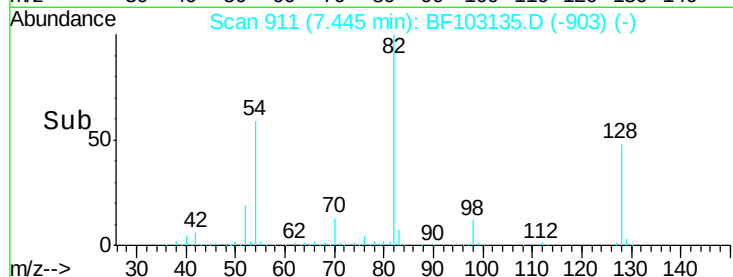
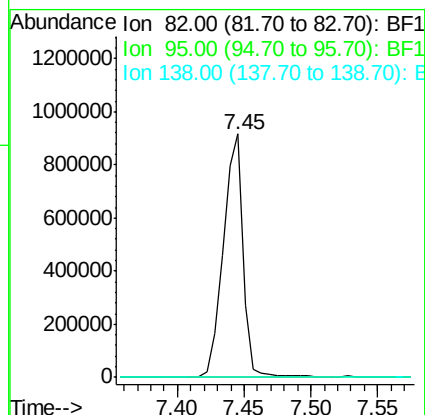
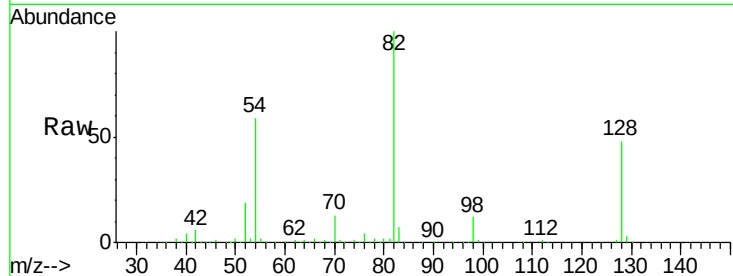




#25
Isophorone
Concen: 41.493 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.25 min
Lab File: BF103135.D
Acq: 21 Feb 2018 14:44

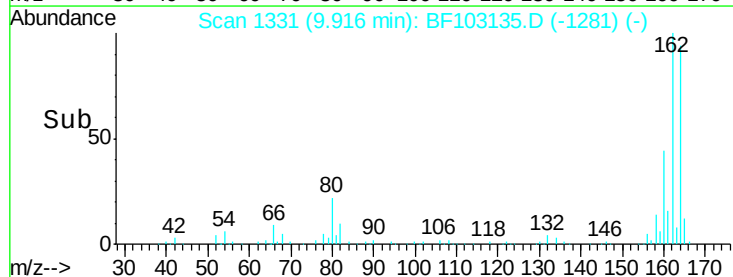
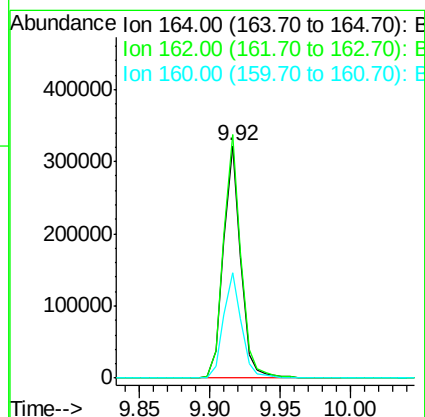
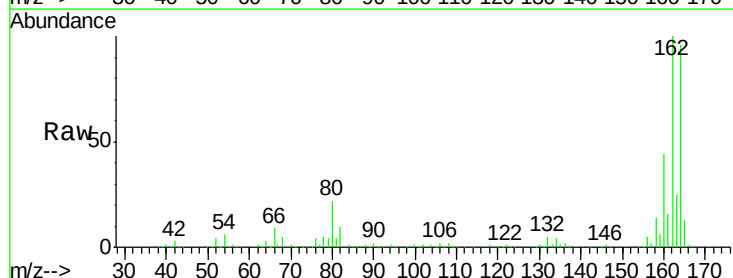
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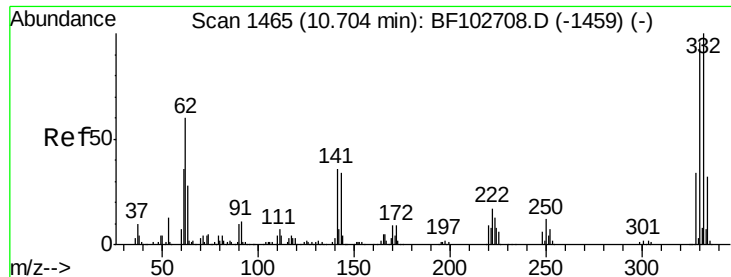
Tot Ion: 82 Resp: 968751
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103135.D
Acq: 21 Feb 2018 14:44

Tgt Ion: 164 Resp: 276583
Ion Ratio Lower Upper
164 100
162 104.6 86.1 129.1
160 45.6 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 113.521 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BF103135.D

Acq: 21 Feb 2018 14:44

Instrument :

BNA_F

ClientSampleId :

MAD-SUB-TRENCH

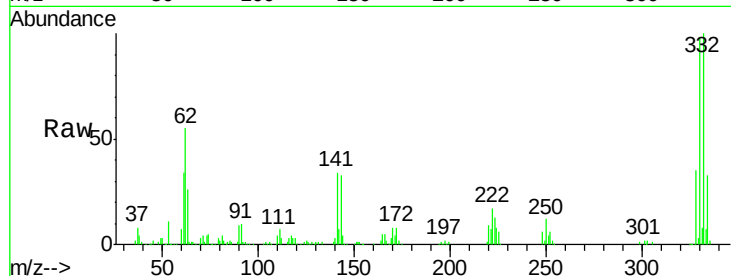
Tot Ion:330 Resp: 252718

Ion Ratio Lower Upper

330 100

332 102.5 77.0 115.6

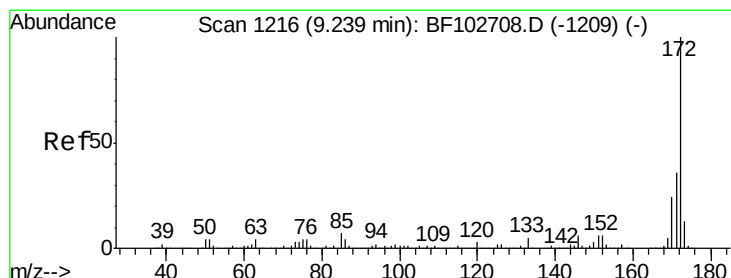
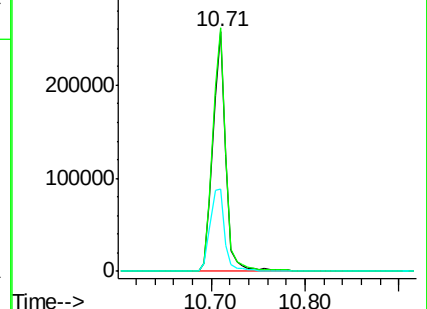
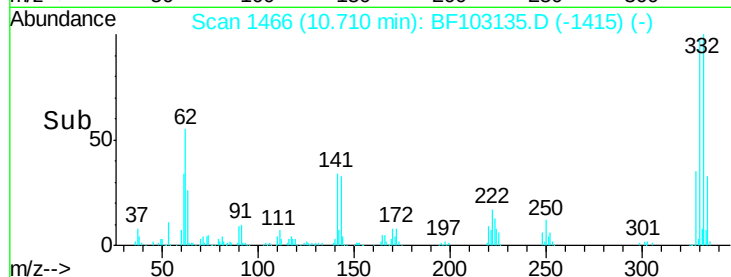
141 39.3 29.9 44.9



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: 82.858 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF103135.D

Acq: 21 Feb 2018 14:44

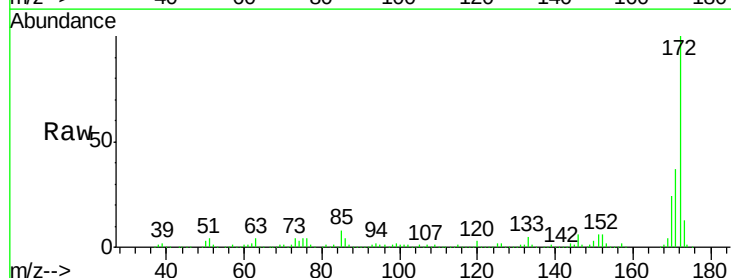
Tgt Ion:172 Resp: 1381093

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

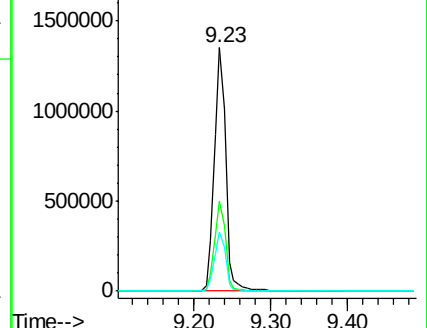
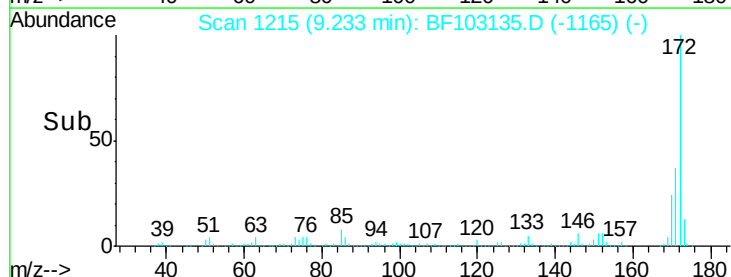
170 24.5 19.6 29.4

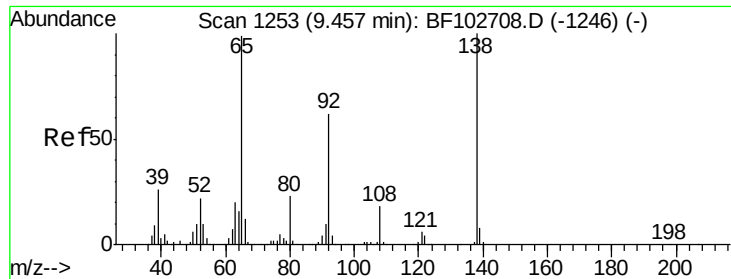


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

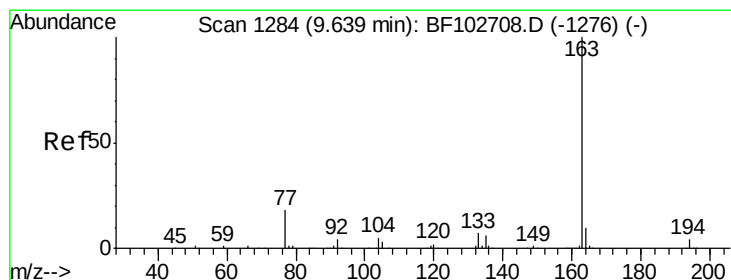
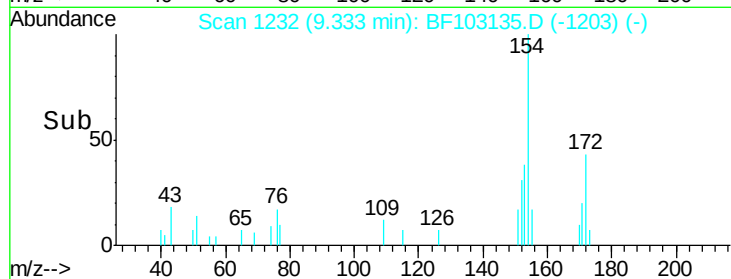
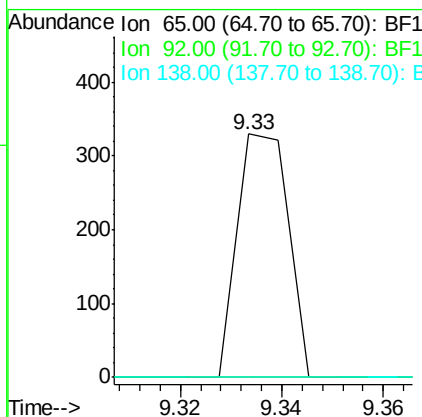
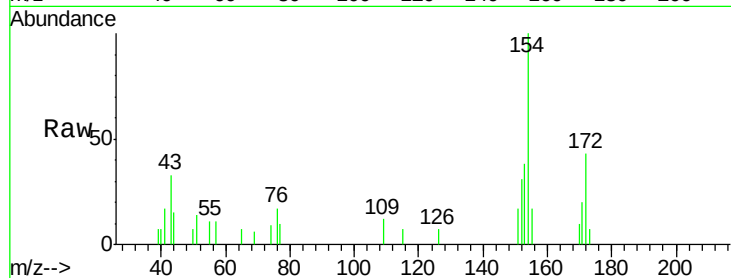




#47
2-Nitroaniline
Concen: 3.510 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.13 min
Lab File: BF103135.D
Acq: 21 Feb 2018 14:44

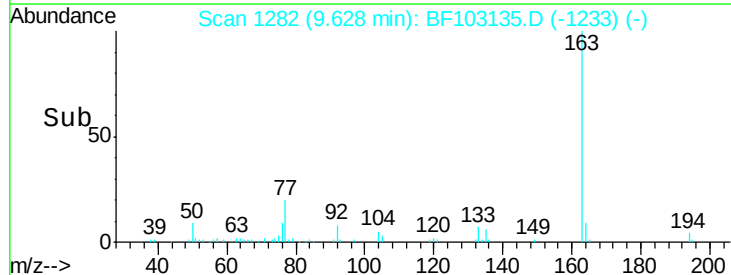
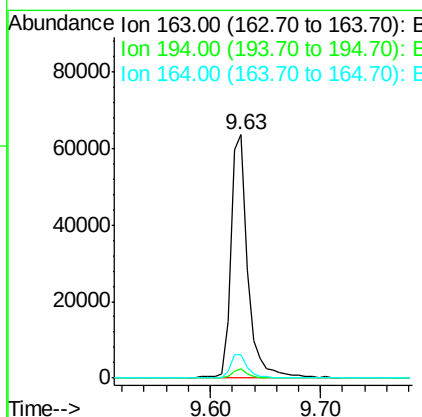
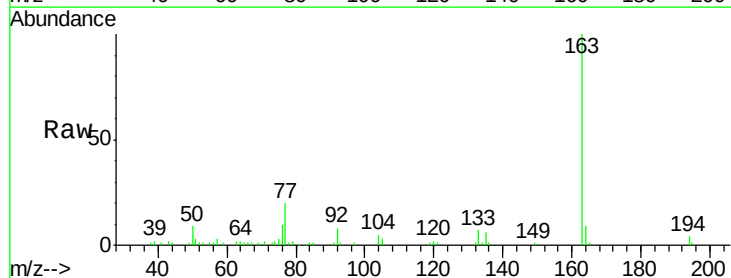
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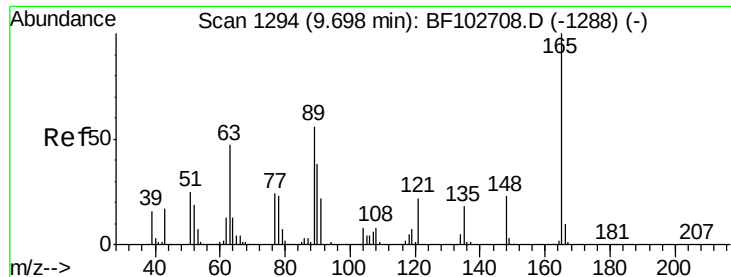
Tot Ion: 65 Resp: 230
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 3.160 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103135.D
Acq: 21 Feb 2018 14:44

Tgt Ion: 163 Resp: 68150
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.5 8.2 12.2

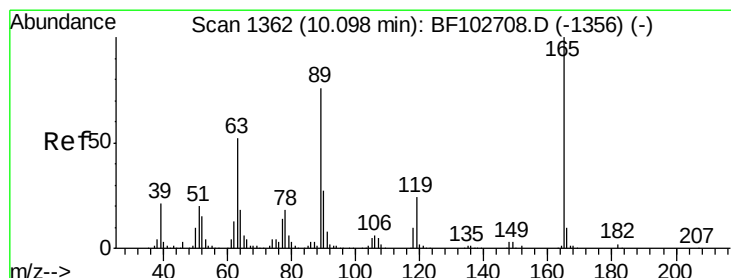
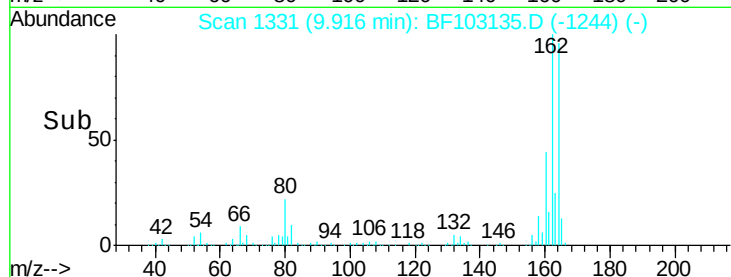
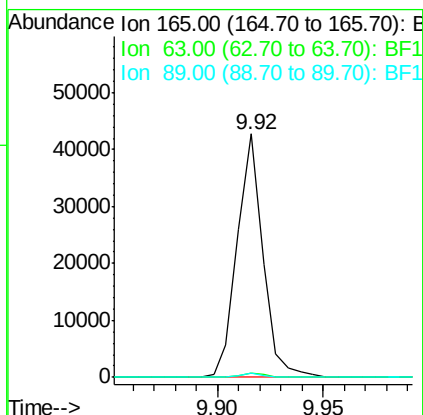
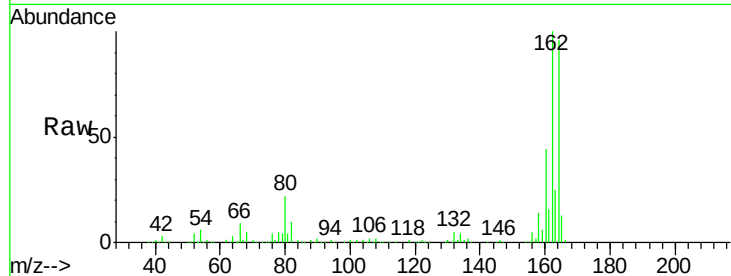




#50
 2,6-Dinitrotoluene
 Concen: 8.773 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF103135.D
 Acq: 21 Feb 2018 14:44

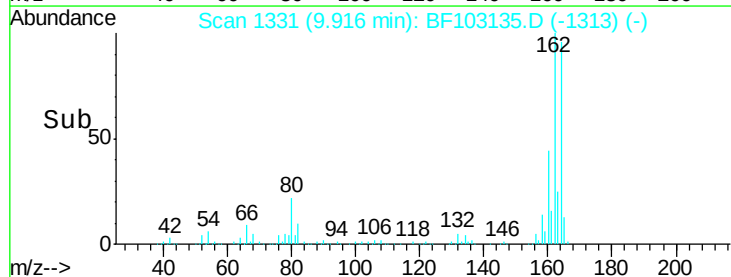
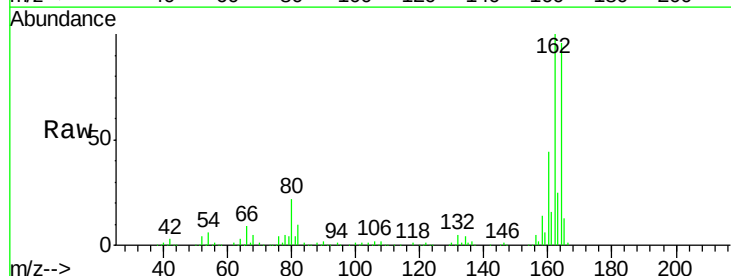
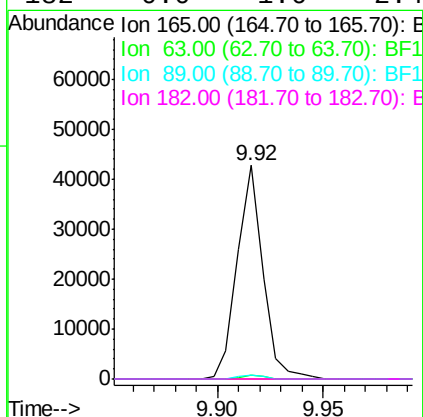
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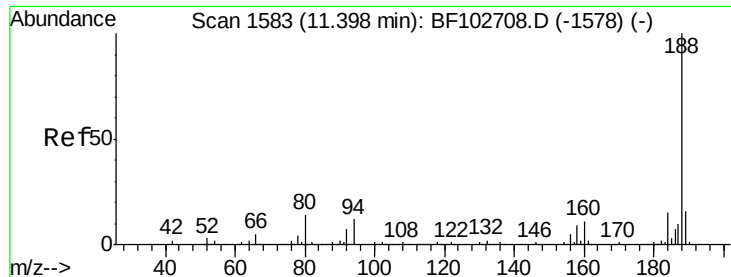
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		35996		
63	1.9		44.7	67.1#	
89	1.6		44.0	66.0#	



#56
 2,4-Dinitrotoluene
 Concen: 9.198 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF103135.D
 Acq: 21 Feb 2018 14:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		35996		
63	1.9		36.4	54.6#	
89	1.6		57.8	86.6#	
182	0.0		1.6	2.4#	

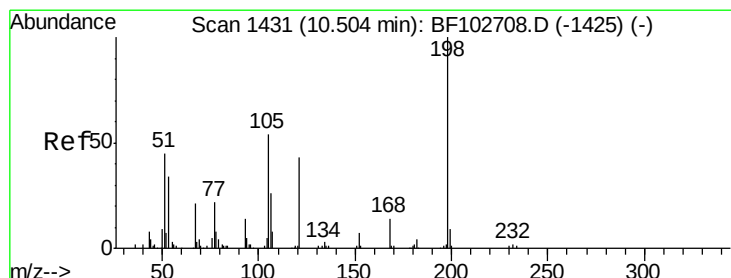
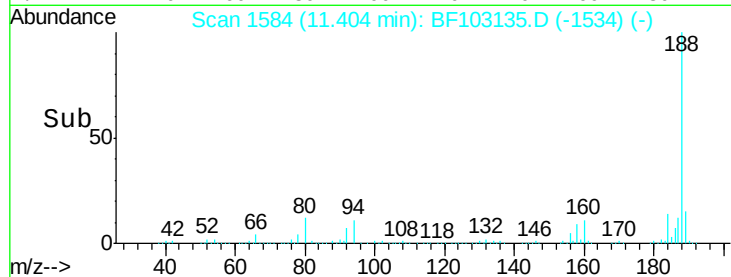
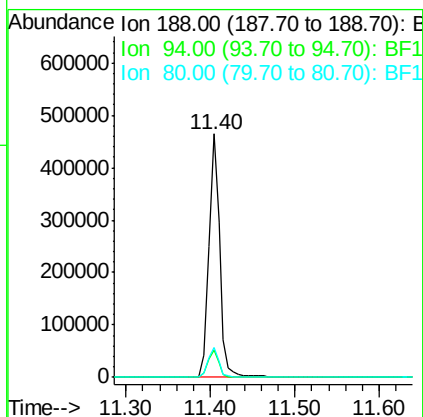
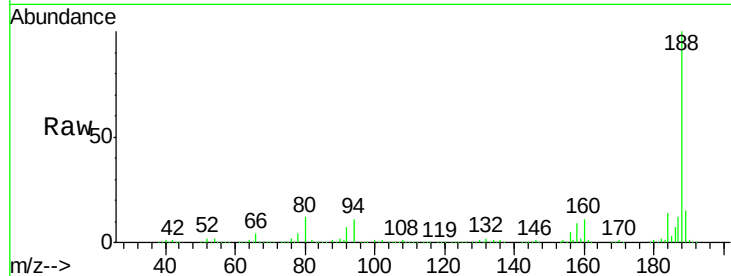




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF103135.D
 Acq: 21 Feb 2018 14:44

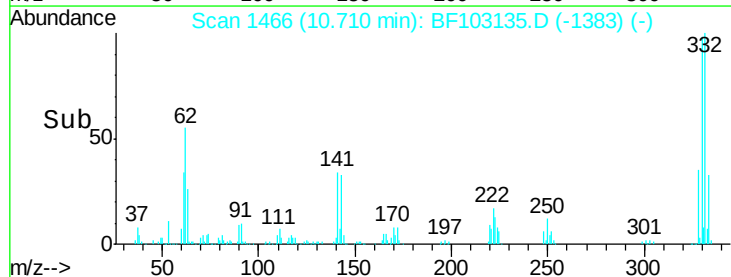
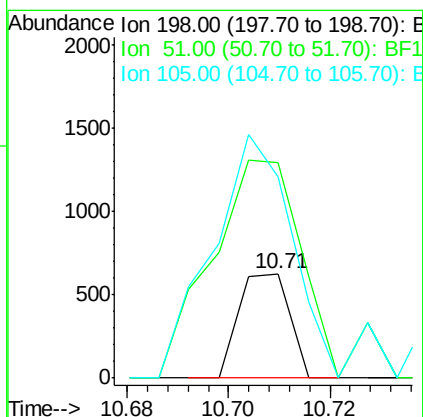
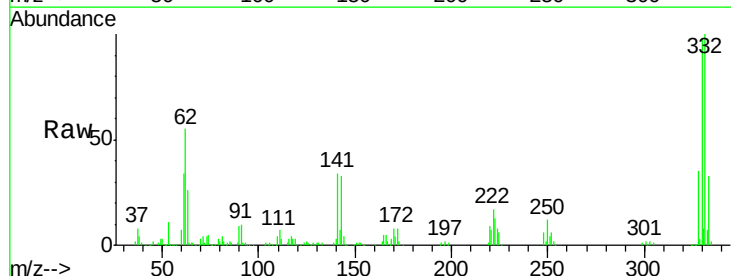
Instrument :
 BNA_F
 ClientSampleId :
 MAD-SUB-TRENCH

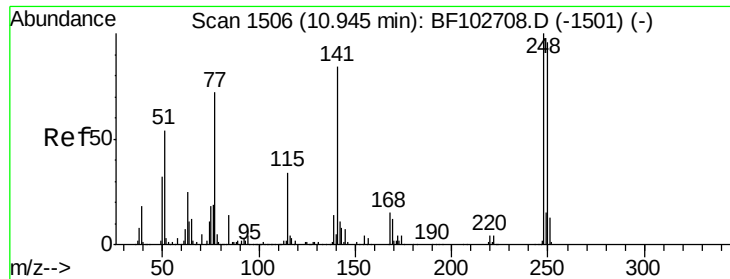
Tot Ion:188 Resp: 418272
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 12.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.023 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.19 min
 Lab File: BF103135.D
 Acq: 21 Feb 2018 14:44

Tgt Ion:198 Resp: 434
 Ion Ratio Lower Upper
 198 100
 51 206.7 37.7 77.7#
 105 194.1 36.3 76.3#

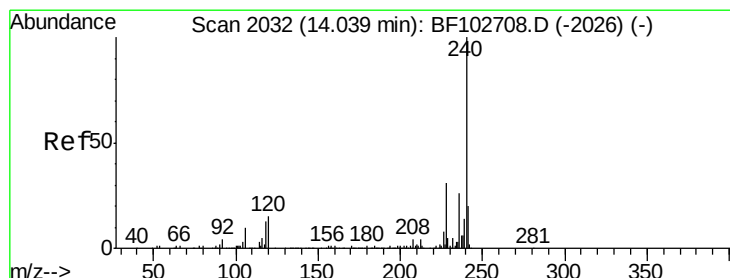
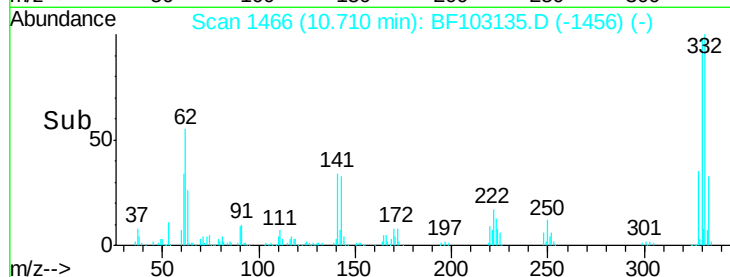
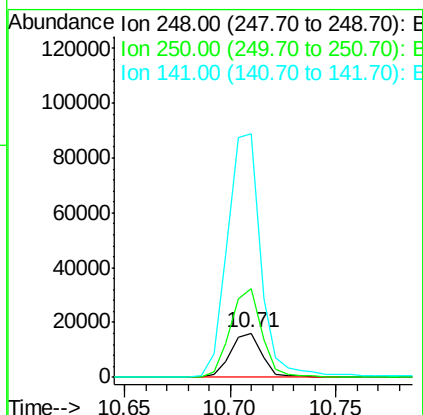
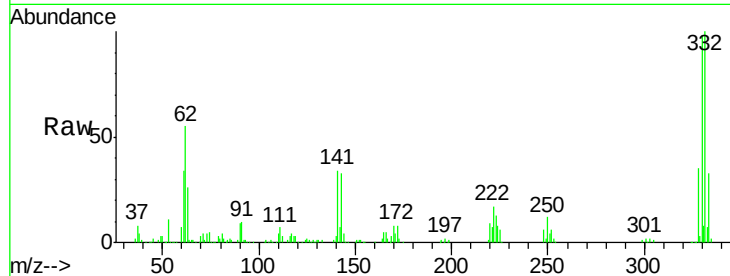




#66
 4-Bromophenyl-phenylether
 Concen: 3.774 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.24 min
 Lab File: BF103135.D
 Acq: 21 Feb 2018 14:44

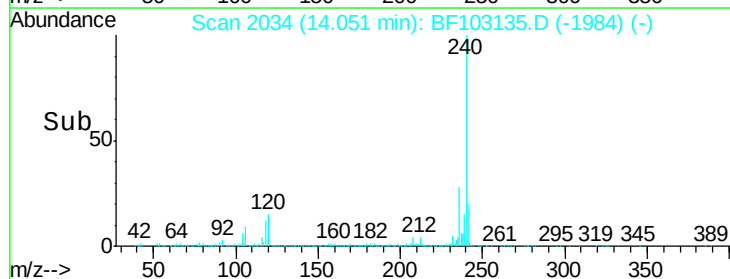
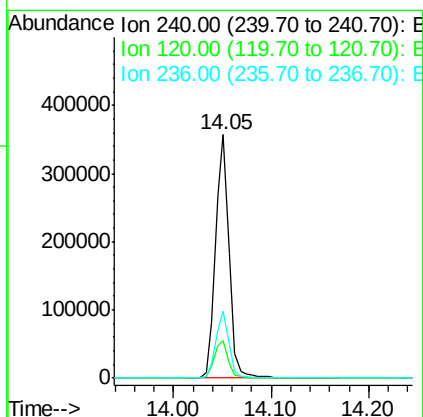
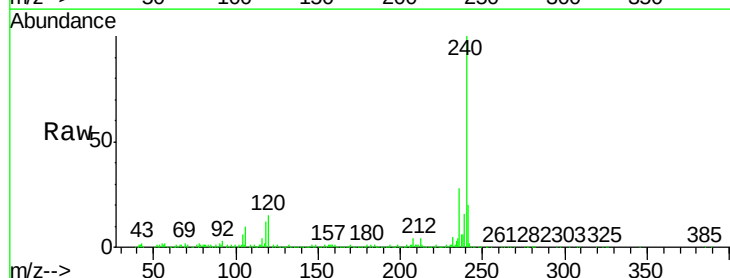
Instrument :
 BNA_F
 ClientSampleId :
 MAD-SUB-TRENCH

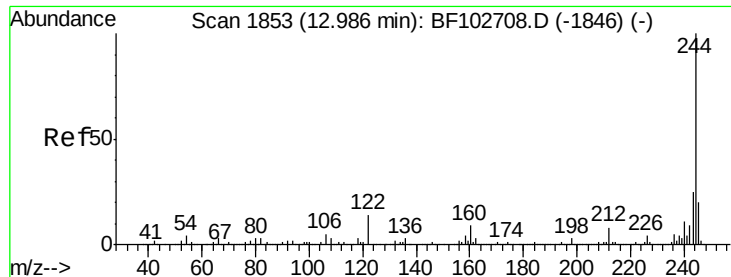
Tot Ion:248 Resp: 16699
 Ion Ratio Lower Upper
 248 100
 250 200.5 76.9 115.3#
 141 546.4 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF103135.D
 Acq: 21 Feb 2018 14:44

Tgt Ion:240 Resp: 342128
 Ion Ratio Lower Upper
 240 100
 120 15.3 9.5 14.3#
 236 27.7 20.7 31.1

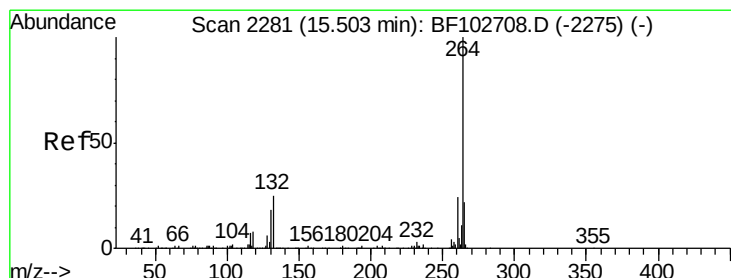
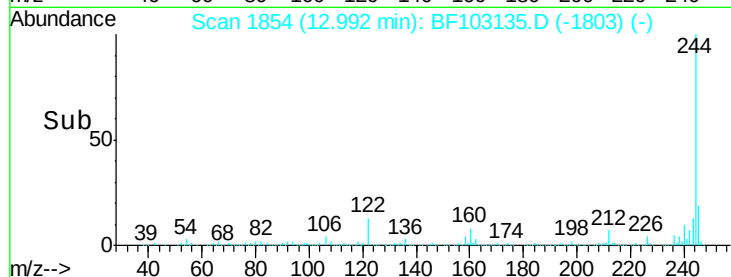
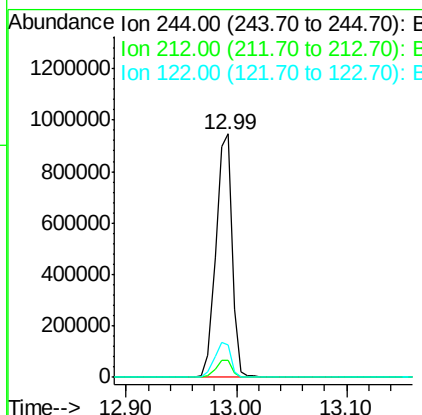
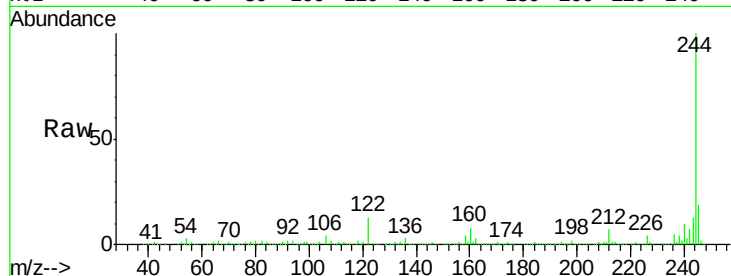




#78
 Terphenyl-d14
 Concen: 66.340 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: BF103135.D
 Acq: 21 Feb 2018 14:44

Instrument :
 BNA_F
 ClientSampleId :
 MAD-SUB-TRENCH

Tot Ion:244 Resp: 958575
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BF103135.D
 Acq: 21 Feb 2018 14:44

Tgt Ion:264 Resp: 298233
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.5 17.5 26.3

