

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104996.D
 Acq On : 1 May 2018 20:46
 Operator : JU/SJ
 Sample : J2626-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-MX-4(80-82)

Quant Time: May 02 06:54:11 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

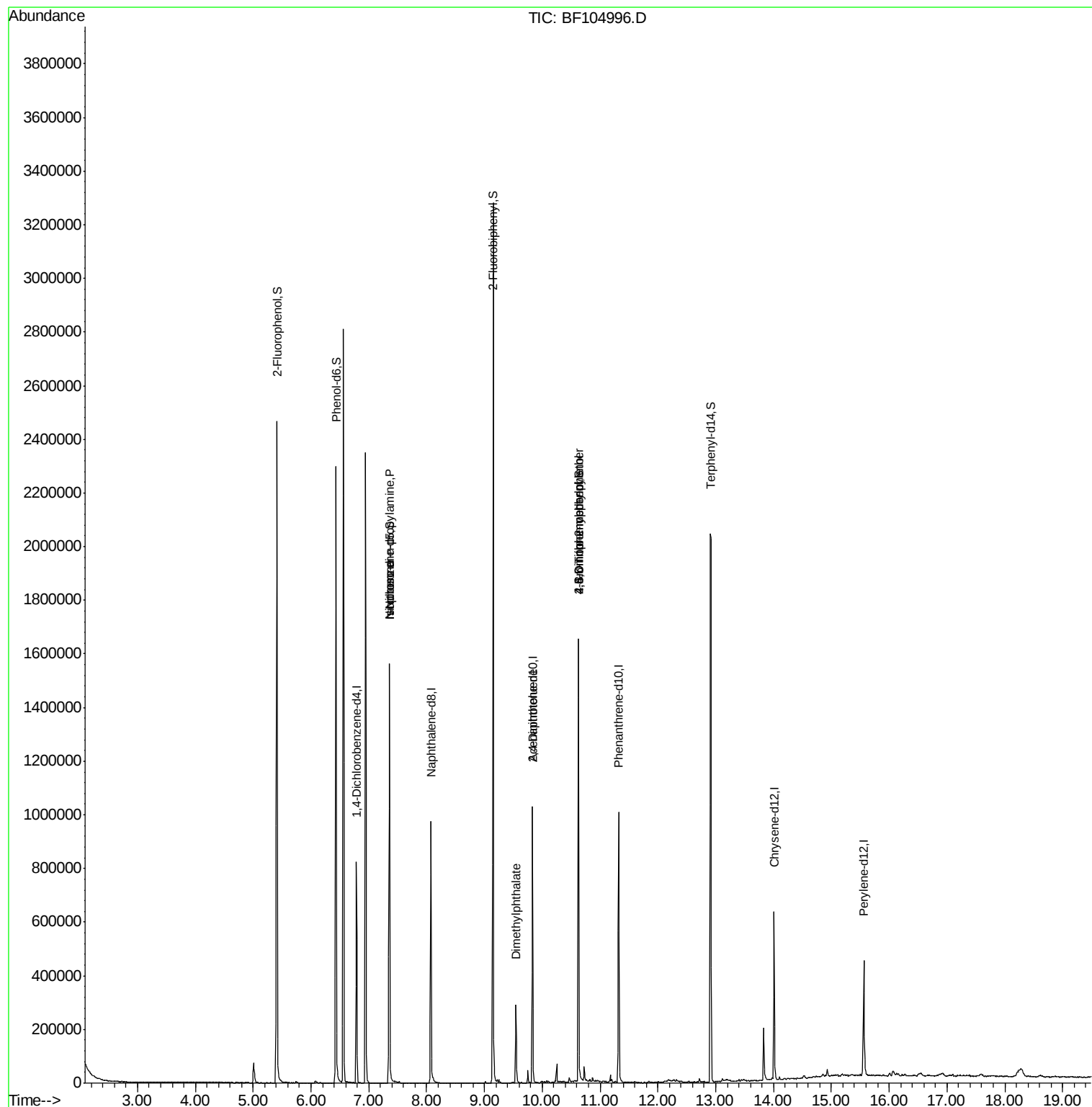
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	116137	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	493518	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	220905	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	352764	20.00	ng	0.00
75) Chrysene-d12	14.01	240	235248	20.00	ng	0.04
86) Perylene-d12	15.56	264	208418	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	801268	105.49	ng	0.00
7) Phenol-d6	6.43	99	978816	104.89	ng	0.00
23) Nitrobenzene-d5	7.36	82	597884	79.11	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	222293	97.01	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1044960	74.73	ng	0.00
78) Terphenyl-d14	12.92	244	753902	73.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	77585	12.723	ng	# 72
25) Isophorone	7.36	82	597877	37.409	ng	# 64
49) Dimethylphthalate	9.55	163	128585	7.381	ng	99
56) 2,4-Dinitrotoluene	9.83	165	27797	6.574	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.63	198	376	7.532	ng	# 9
66) 4-Bromophenyl-phenylether	10.63	248	13599	3.624	ng	# 1
76) Benizidine	12.91	184	9473	Below Cal		96

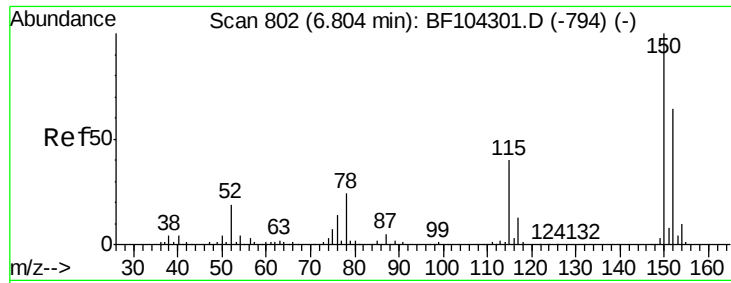
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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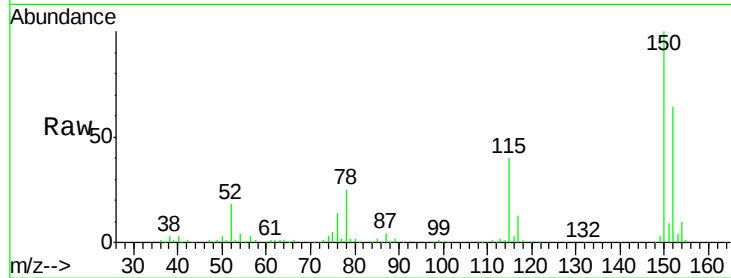


#1

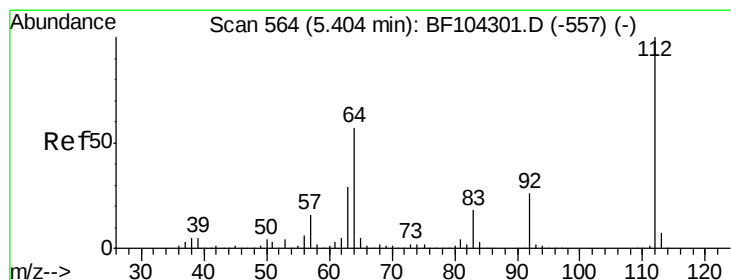
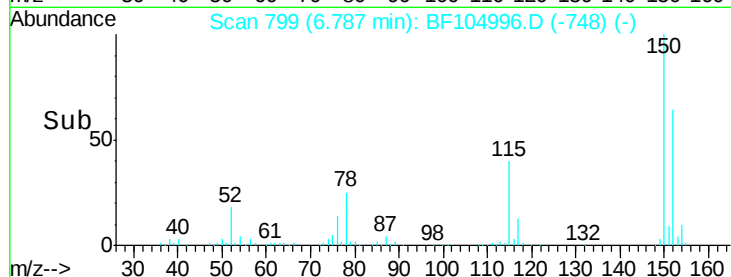
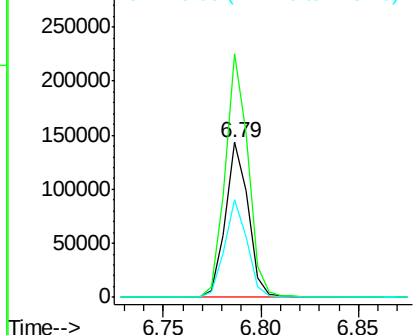
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF104996.D
 Acq: 1 May 2018 20:46

Instrument :
 BNA_F
 ClientSampleId :
 EPE-MX-4(80-82)

Tgt Ion:152 Resp: 116137
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.6 186.8
 115 63.5 50.1 75.1



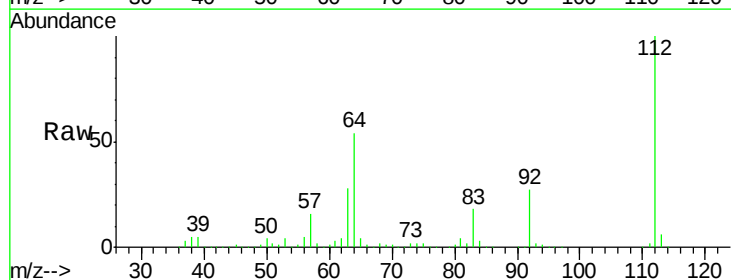
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



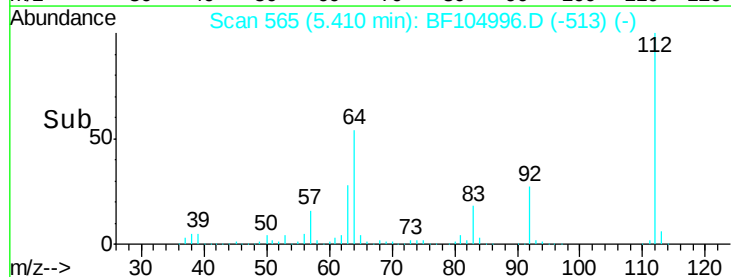
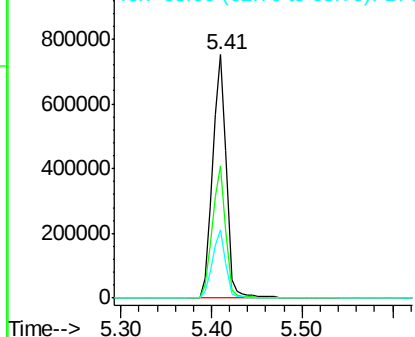
#5

2-Fluorophenol
 Concen: 105.495 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF104996.D
 Acq: 1 May 2018 20:46

Tgt Ion:112 Resp: 801268
 Ion Ratio Lower Upper
 112 100
 64 54.2 47.9 71.9
 63 28.2 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: 104.886 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF104996.D

Acq: 1 May 2018 20:46

Instrument :

BNA_F

ClientSampleId :

EPE-MX-4(80-82)

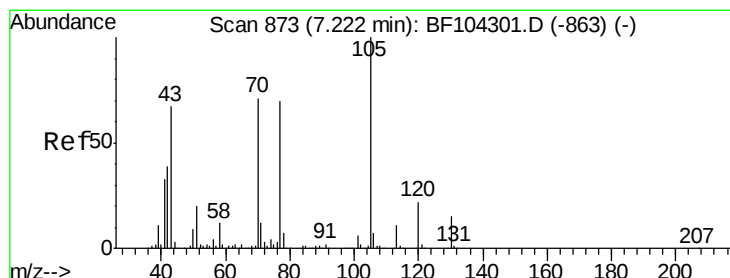
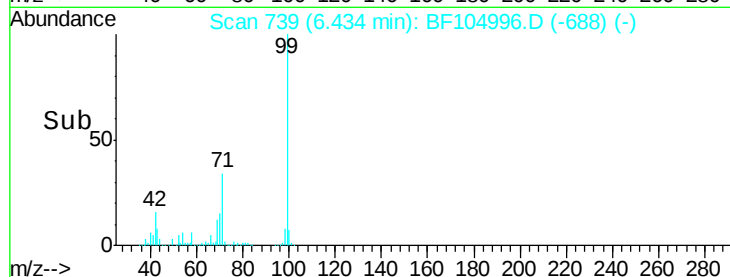
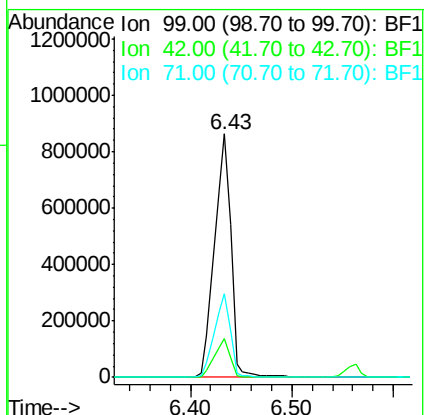
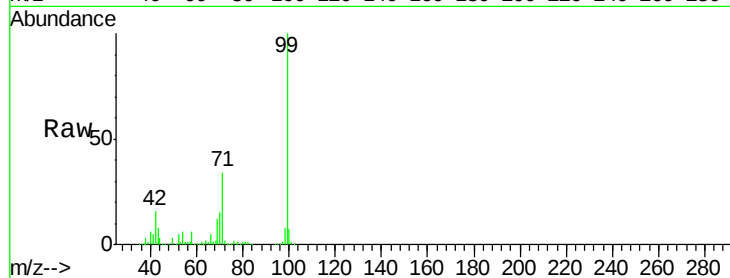
Tgt Ion: 99 Resp: 978816

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

71 34.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.723 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF104996.D

Acq: 1 May 2018 20:46

Tgt Ion: 70 Resp: 77585

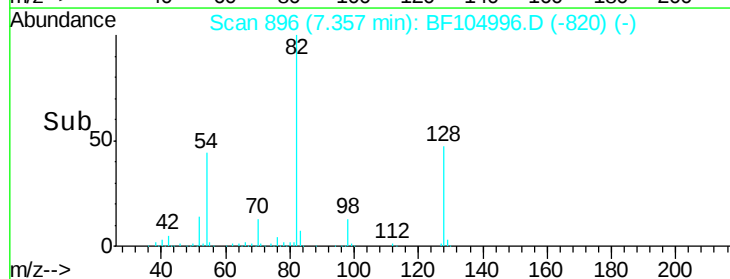
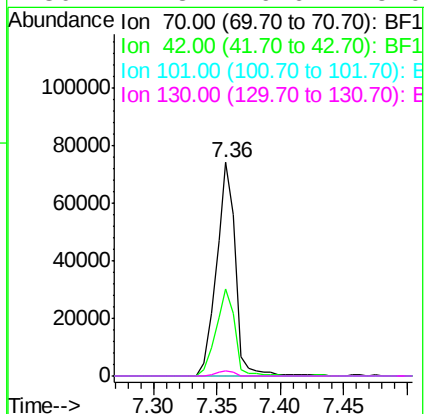
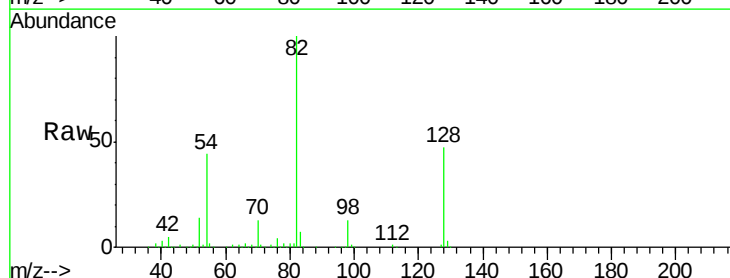
Ion Ratio Lower Upper

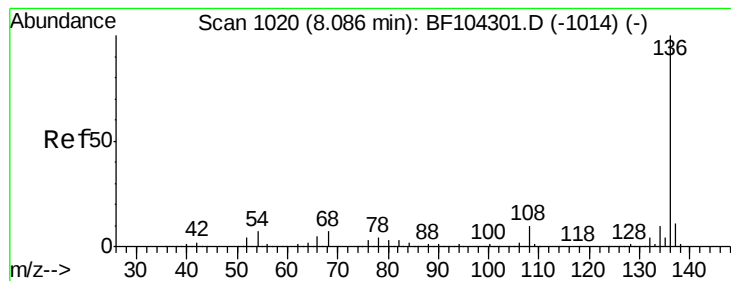
70 100

42 40.9 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: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF104996.D

Acq: 1 May 2018 20:46

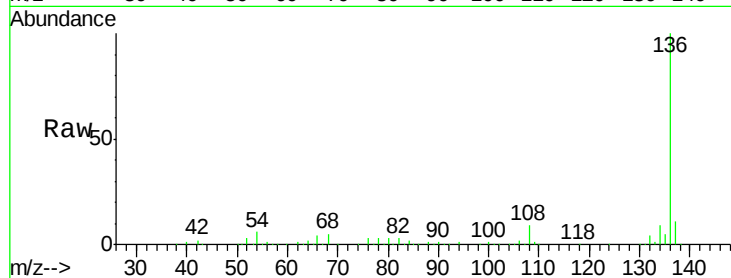
Instrument :

BNA_F

ClientSampleId :

EPE-MX-4(80-82)

Tgt Ion:	136	Resp:	493518
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	6.1	6.6	9.8#
68	5.1	5.0	7.4

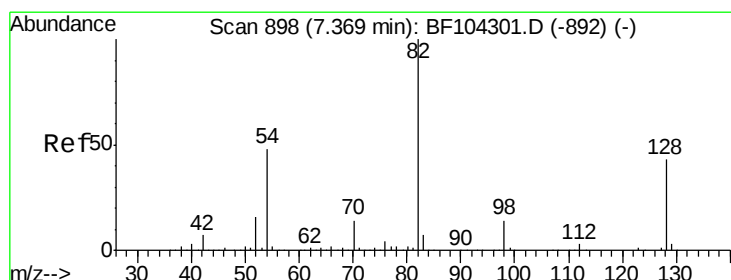
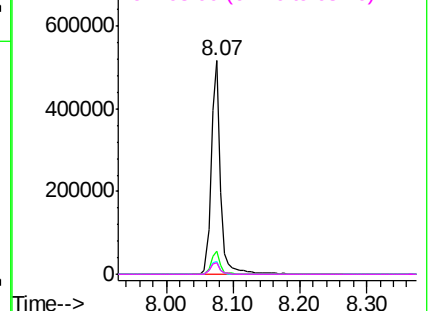
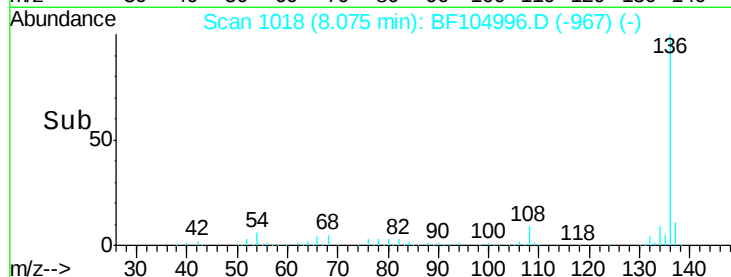


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.107 ng

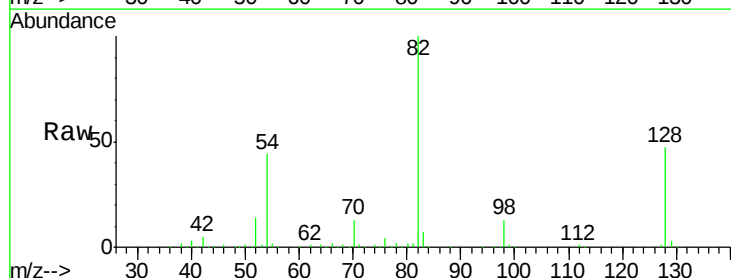
RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF104996.D

Acq: 1 May 2018 20:46

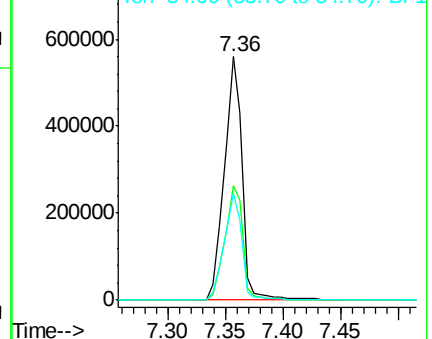
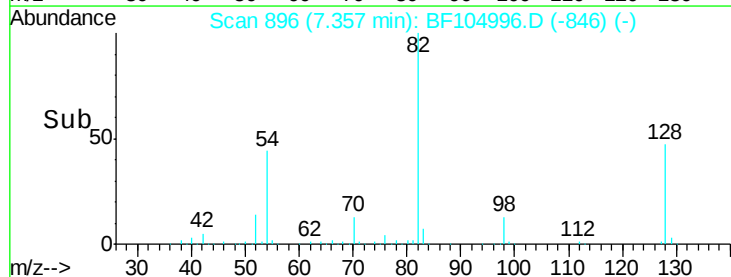
Tgt Ion:	82	Resp:	597884
Ion Ratio	Lower	Upper	
82	100		
128	46.8	36.1	54.1
54	43.9	41.4	62.2

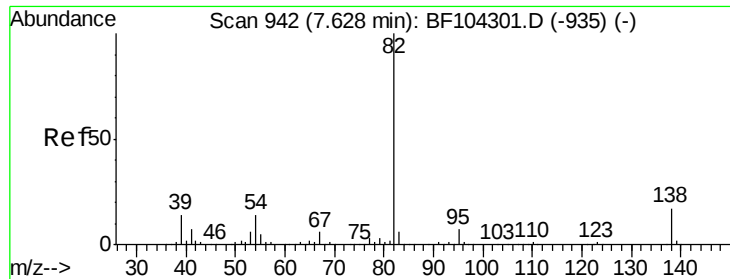


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.409 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF104996.D

Acq: 1 May 2018 20:46

Instrument :

BNA_F

ClientSampleId :

EPE-MX-4(80-82)

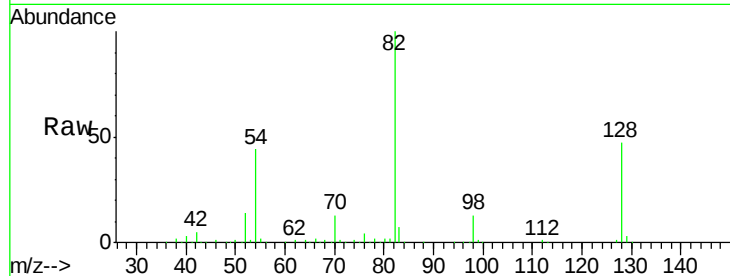
Tgt Ion: 82 Resp: 597877

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

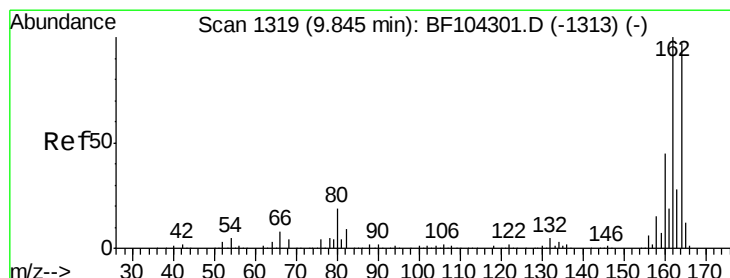
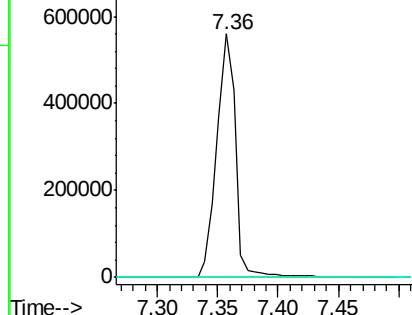
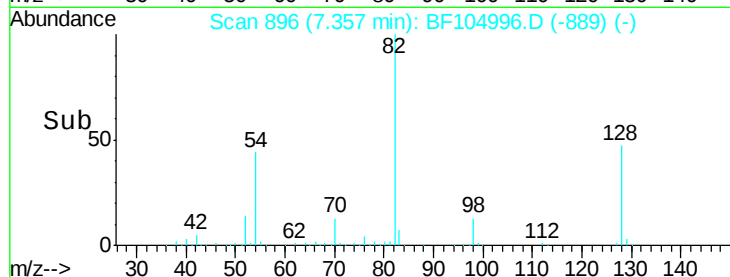
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF104996.D

Acq: 1 May 2018 20:46

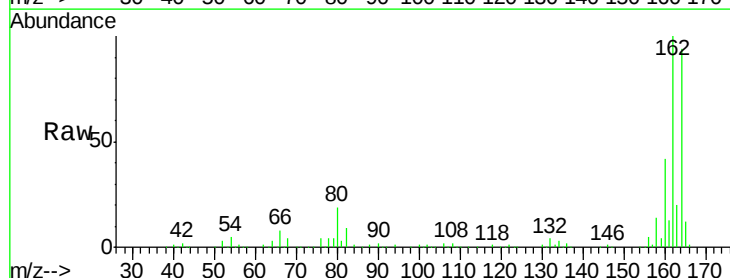
Tgt Ion: 164 Resp: 220905

Ion Ratio Lower Upper

164 100

162 106.8 86.1 129.1

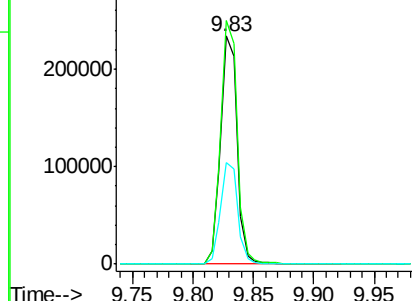
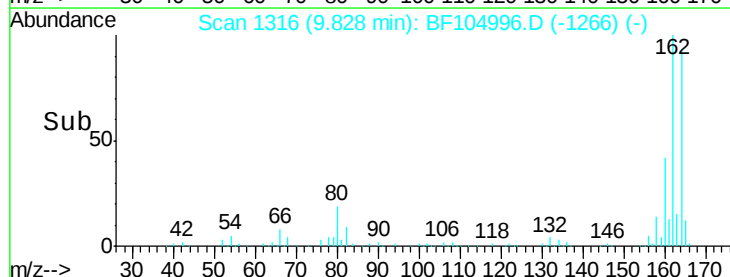
160 44.7 38.3 57.5



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: 97.007 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF104996.D

Acq: 1 May 2018 20:46

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EPE-MX-4(80-82)

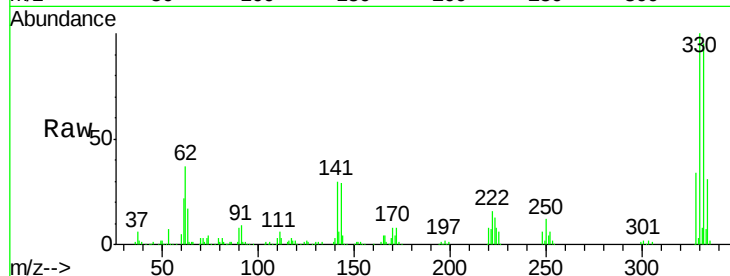
Tgt Ion:330 Resp: 222293

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

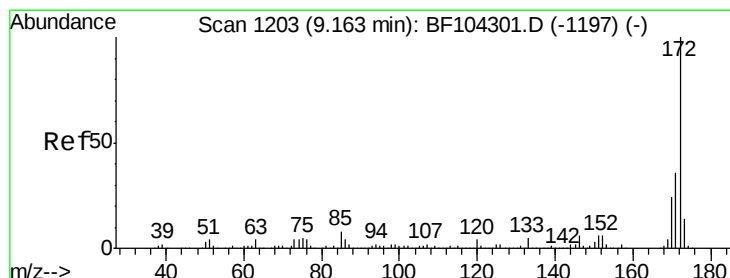
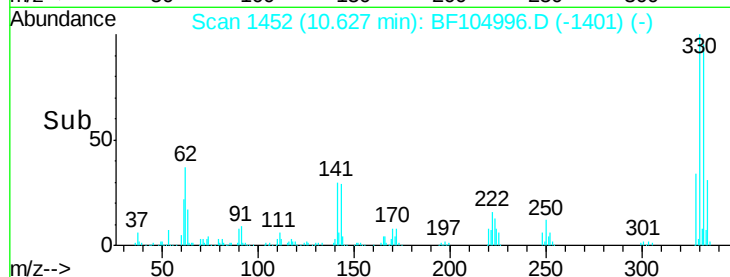
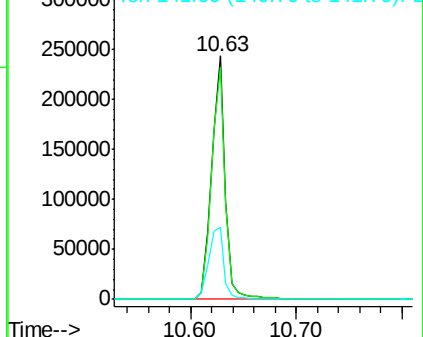
141 33.2 29.9 44.9



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: 74.728 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF104996.D

Acq: 1 May 2018 20:46

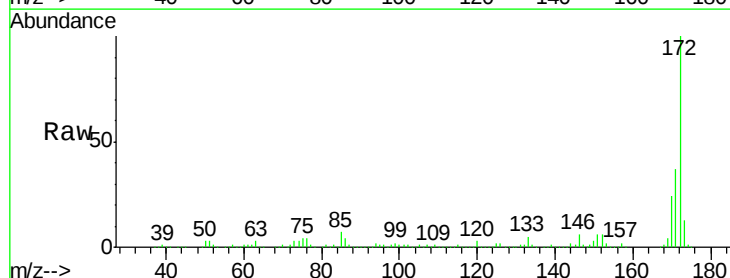
Tgt Ion:172 Resp: 1044960

Ion Ratio Lower Upper

172 100

171 36.8 29.7 44.5

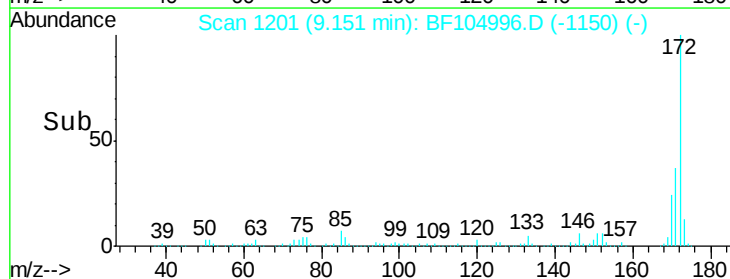
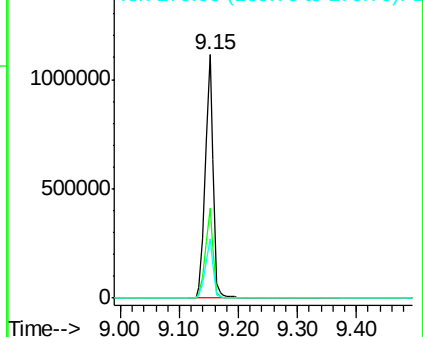
170 24.4 19.6 29.4

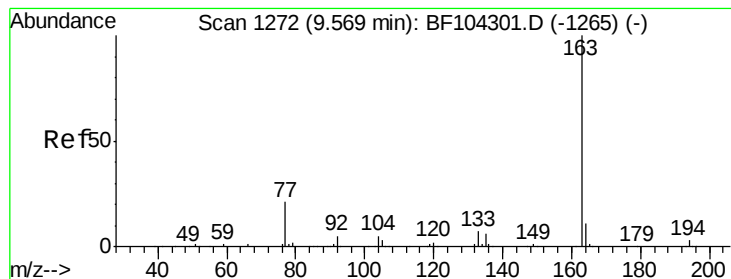


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 7.381 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF104996.D

Acq: 1 May 2018 20:46

Instrument :

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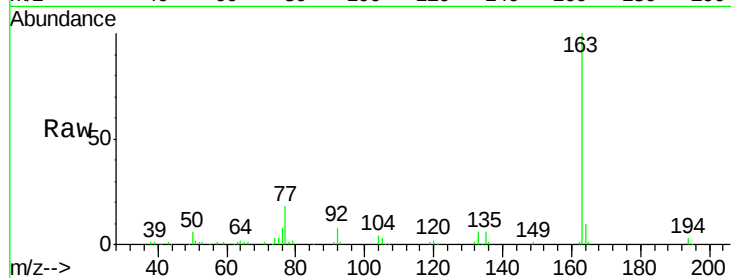
Tgt Ion:163 Resp: 128585

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

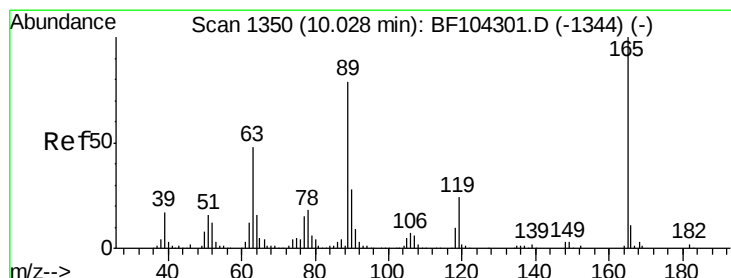
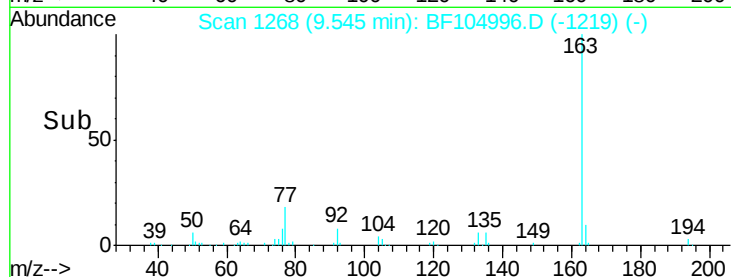
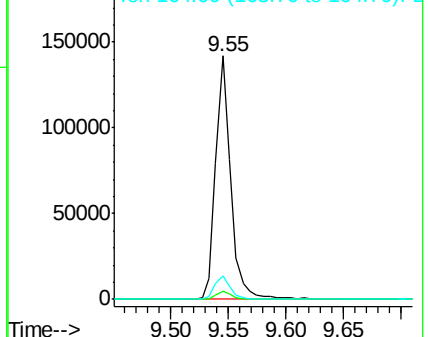
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.574 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.21 min

Lab File: BF104996.D

Acq: 1 May 2018 20:46

Tgt Ion:165 Resp: 27797

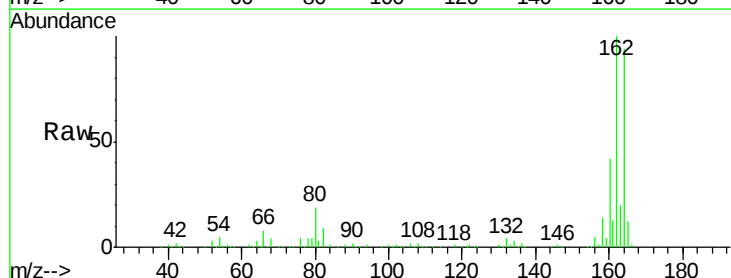
Ion Ratio Lower Upper

165 100

63 1.1 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

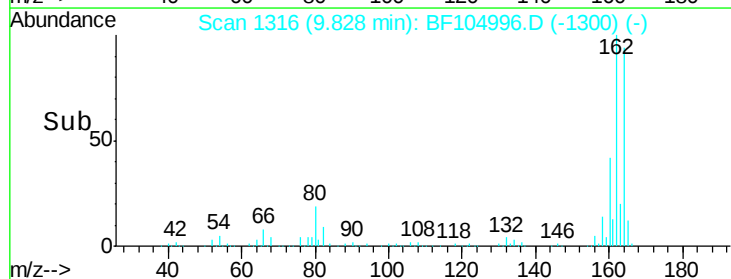
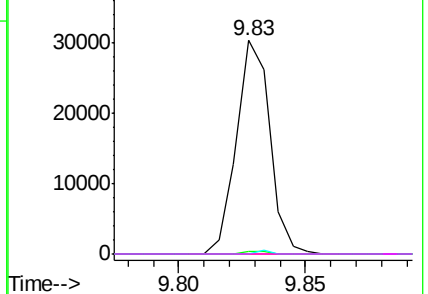


Abundance Ion 165.00 (164.70 to 165.70): E

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

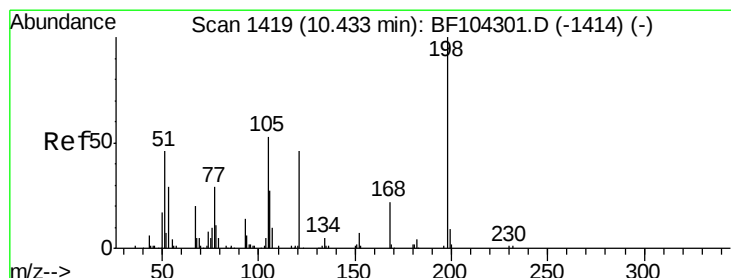
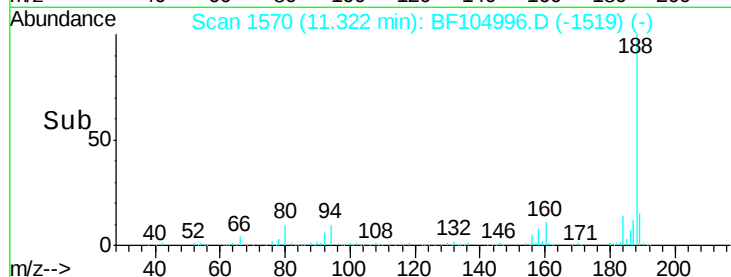
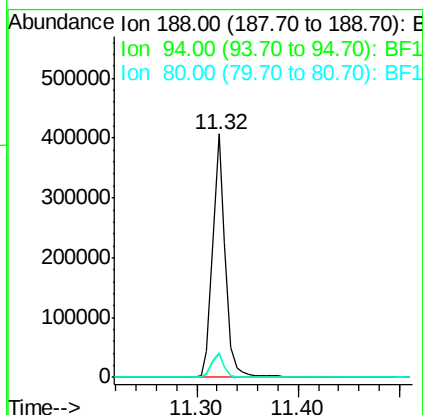
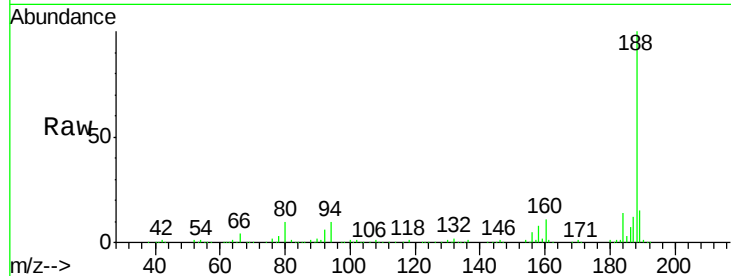




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF104996.D
Acq: 1 May 2018 20:46

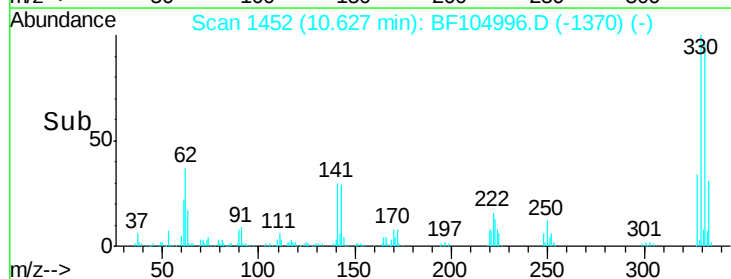
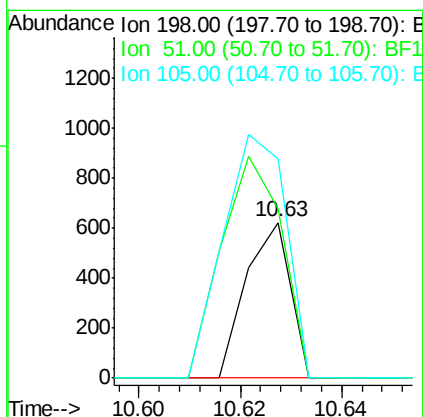
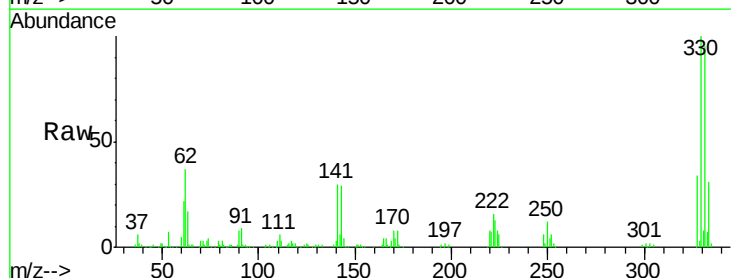
Instrument :
BNA_F
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EPE-MX-4(80-82)

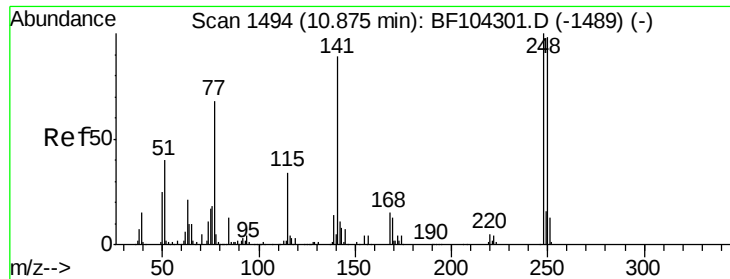
Tgt Ion:188 Resp: 352764
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.532 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.18 min
Lab File: BF104996.D
Acq: 1 May 2018 20:46

Tgt Ion:198 Resp: 376
Ion Ratio Lower Upper
198 100
51 108.3 37.7 77.7#
105 140.5 36.3 76.3#

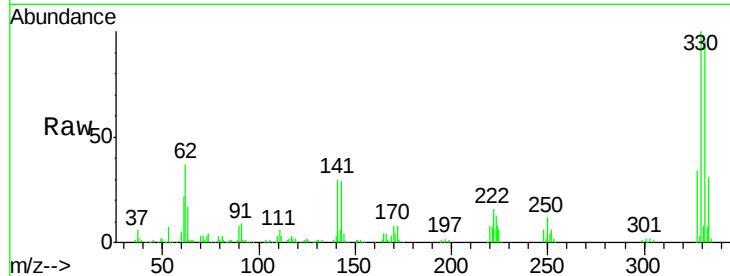




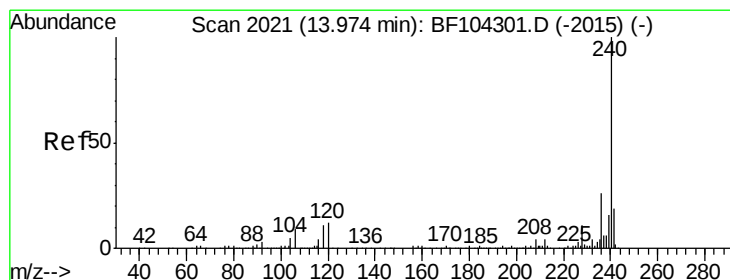
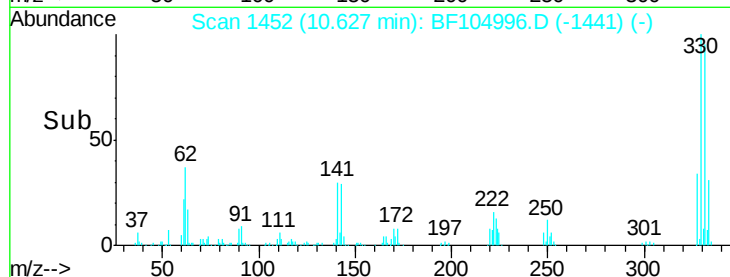
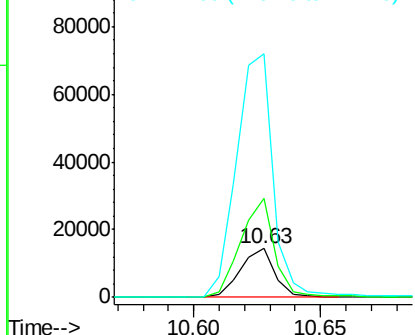
#66
 4-Bromophenyl-phenylether
 Concen: 3.624 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF104996.D
 Acq: 1 May 2018 20:46

Instrument :
 BNA_F
 ClientSampleId :
 EPE-MX-4(80-82)

Tgt Ion:248 Resp: 13599
 Ion Ratio Lower Upper
 248 100
 250 202.8 76.9 115.3#
 141 498.6 74.4 111.6#

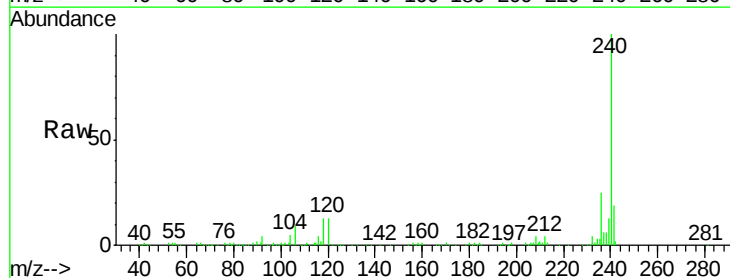


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

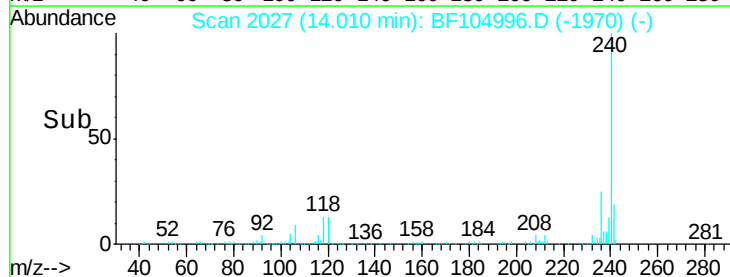
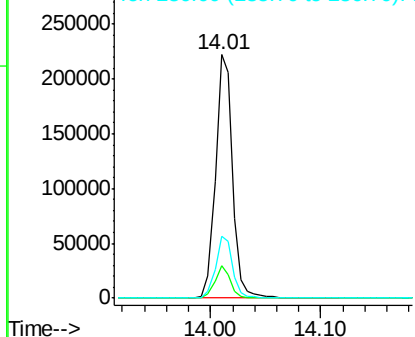


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.04 min
 Lab File: BF104996.D
 Acq: 1 May 2018 20:46

Tgt Ion:240 Resp: 235248
 Ion Ratio Lower Upper
 240 100
 120 13.4 9.5 14.3
 236 25.3 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

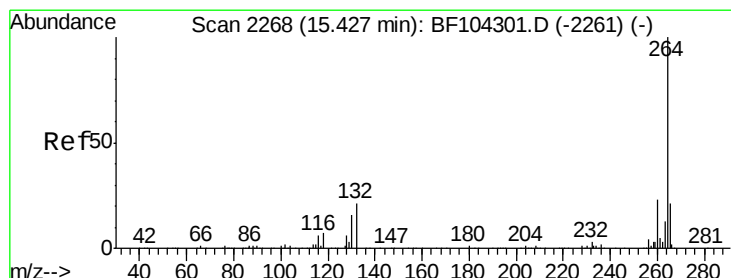
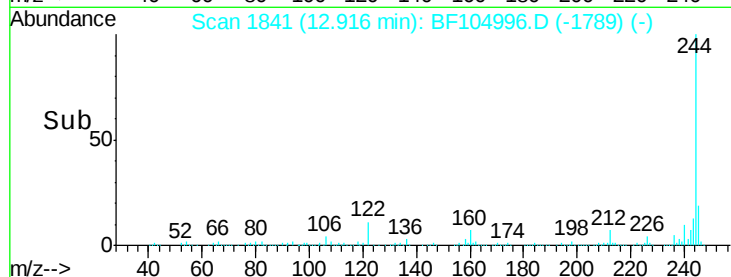
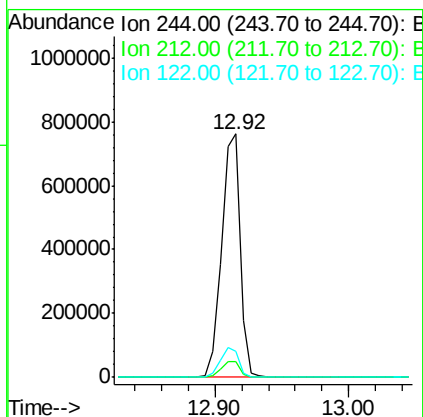
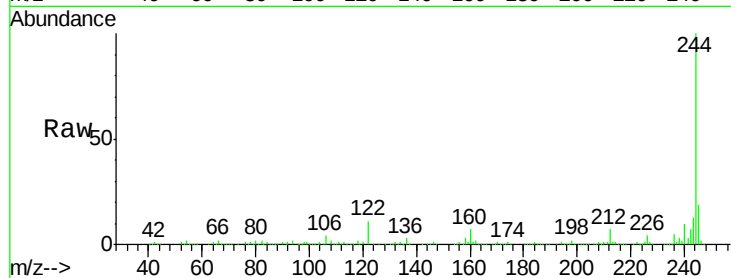




#78
 Terphenyl-d14
 Concen: 73.062 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF104996.D
 Acq: 1 May 2018 20:46

Instrument :
 BNA_F
 ClientSampleId :
 EPE-MX-4(80-82)

Tgt Ion:244 Resp: 753902
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.8 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. 0.13 min
 Lab File: BF104996.D
 Acq: 1 May 2018 20:46

Tgt Ion:264 Resp: 208418
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.9 17.5 26.3

