

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104993.D
 Acq On : 1 May 2018 19:27
 Operator : JU/SJ
 Sample : J2590-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-MX-4(5-10)

Quant Time: May 02 06:53:22 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

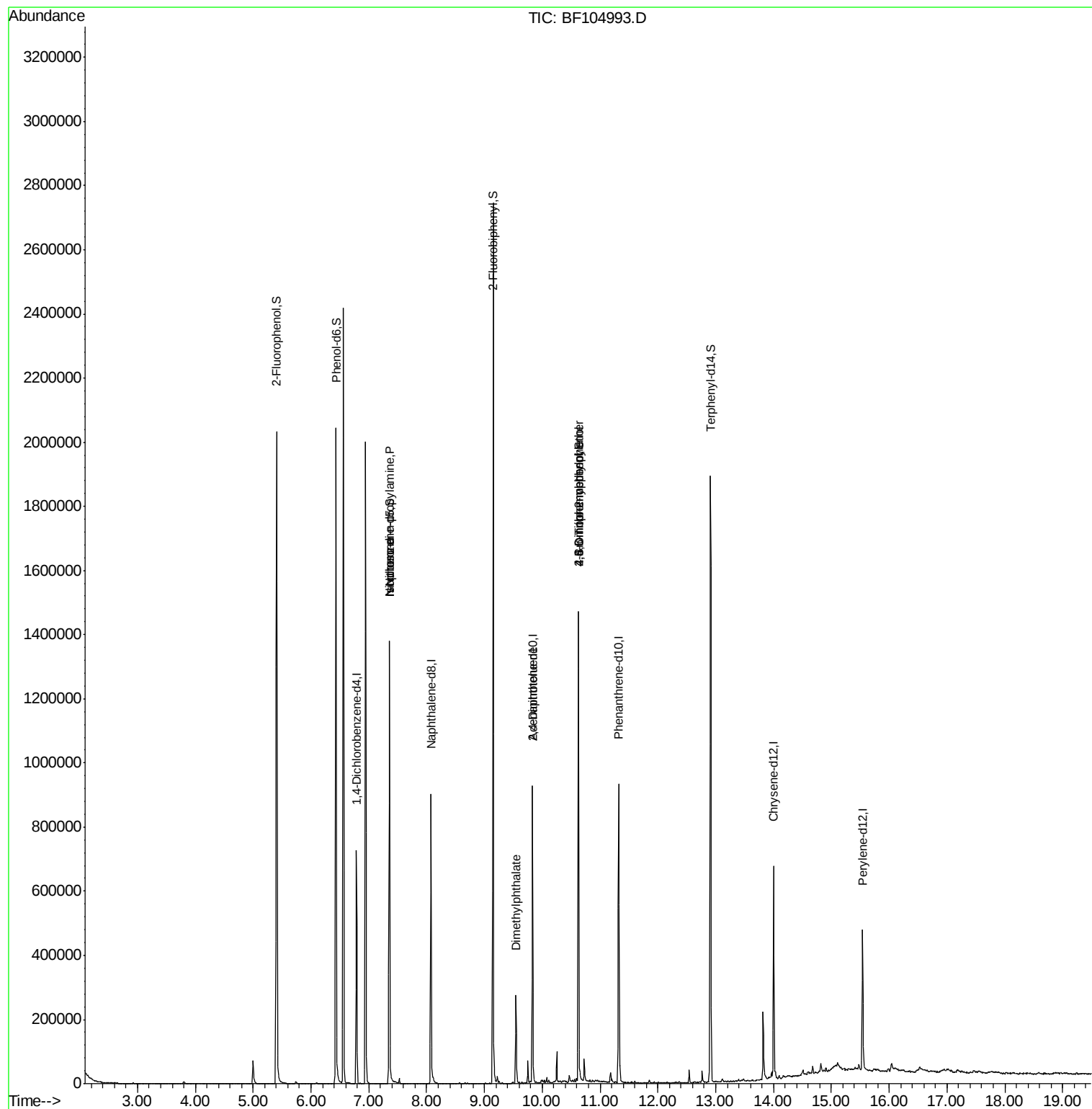
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	102522	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	438234	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	198878	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	338262	20.00	ng	0.00
75) Chrysene-d12	14.00	240	223876	20.00	ng	0.03
86) Perylene-d12	15.54	264	198304	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	660893	98.57	ng	0.00
7) Phenol-d6	6.43	99	803638	97.55	ng	0.00
23) Nitrobenzene-d5	7.36	82	491191	73.19	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	200907	97.39	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	832583	66.13	ng	0.00
78) Terphenyl-d14	12.91	244	666232	67.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	62041	11.525	ng	# 73
25) Isophorone	7.36	82	491187	34.610	ng	# 64
49) Dimethylphthalate	9.55	163	115848	7.387	ng	# 99
56) 2,4-Dinitrotoluene	9.83	165	25510	6.702	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	340	7.522	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	11891	3.305	ng	# 1
76) Benzidine	12.91	184	8643	Below Cal		# 94

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

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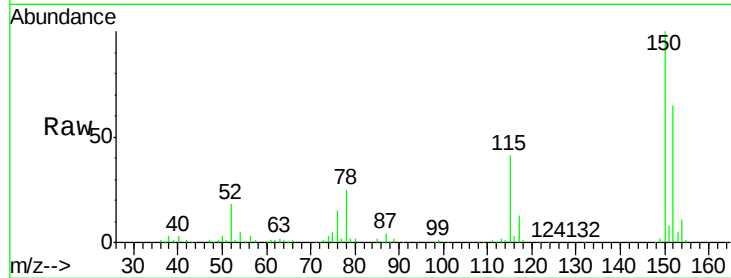


#1

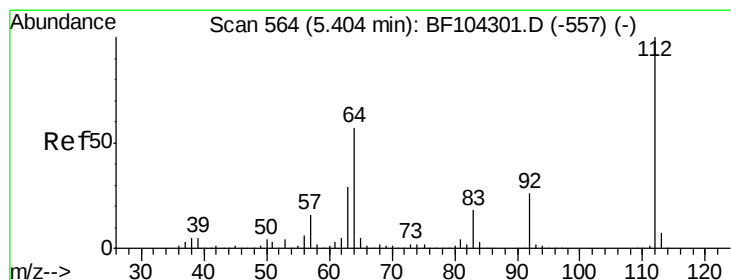
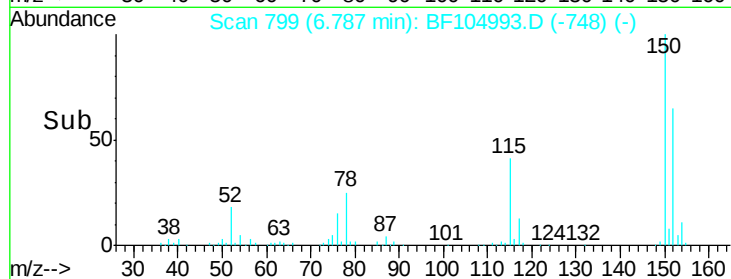
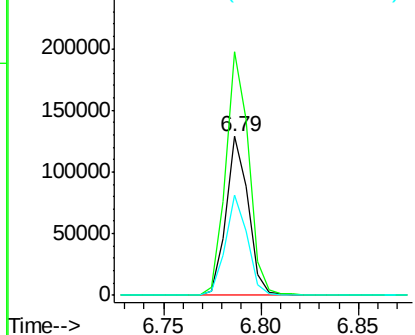
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF104993.D
Acq: 1 May 2018 19:27

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(5-10)

Tgt Ion:152 Resp: 102522
Ion Ratio Lower Upper
152 100
150 153.1 124.6 186.8
115 63.1 50.1 75.1



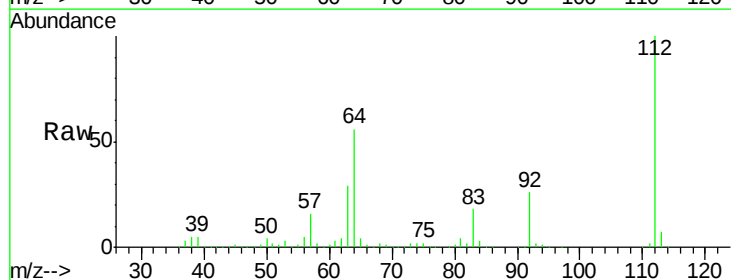
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



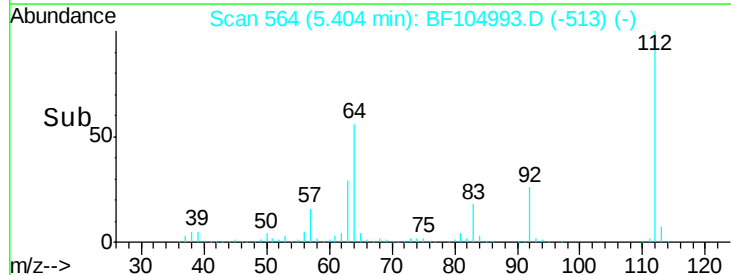
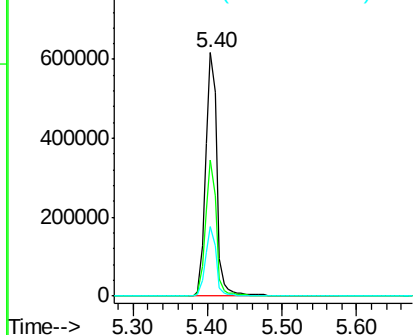
#5

2-Fluorophenol
Concen: 98.568 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF104993.D
Acq: 1 May 2018 19:27

Tgt Ion:112 Resp: 660893
Ion Ratio Lower Upper
112 100
64 55.7 47.9 71.9
63 28.5 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: 97.551 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF104993.D

Acq: 1 May 2018 19:27

Instrument :

BNA_F

ClientSampleId :

EPE-MX-4(5-10)

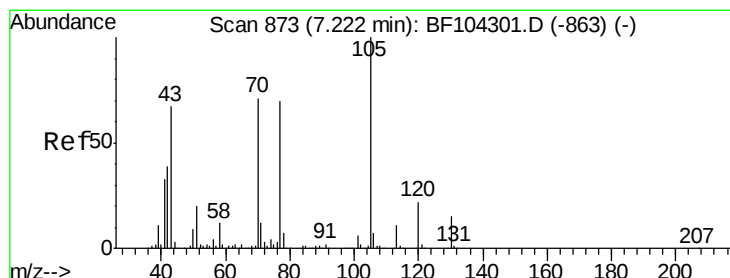
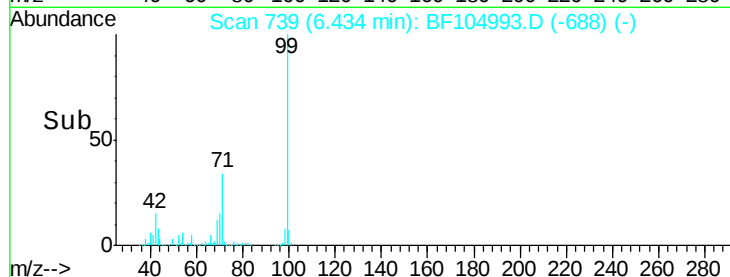
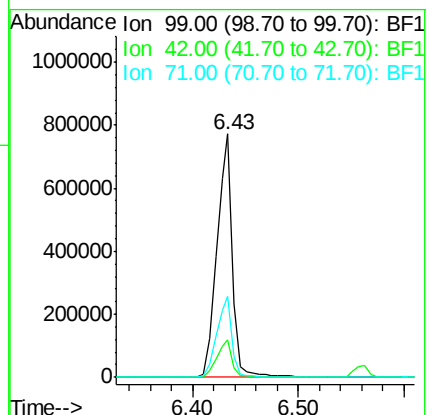
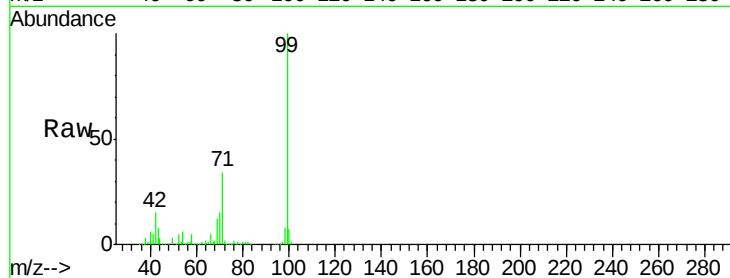
Tgt Ion: 99 Resp: 803638

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

71 33.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.525 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF104993.D

Acq: 1 May 2018 19:27

Tgt Ion: 70 Resp: 62041

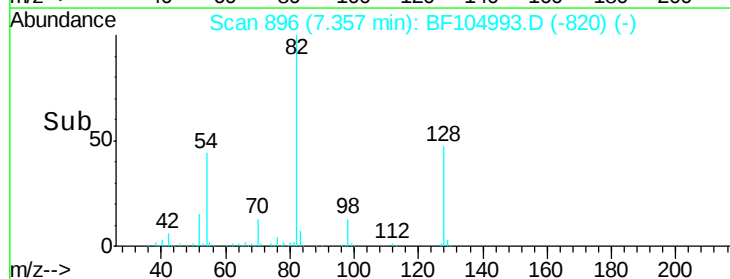
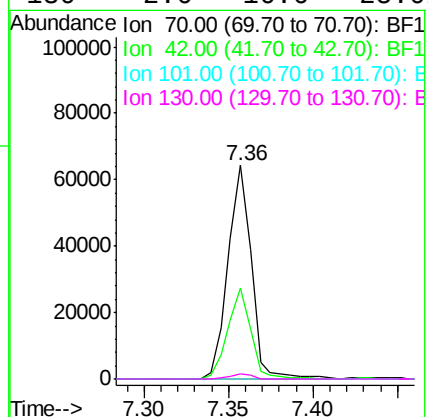
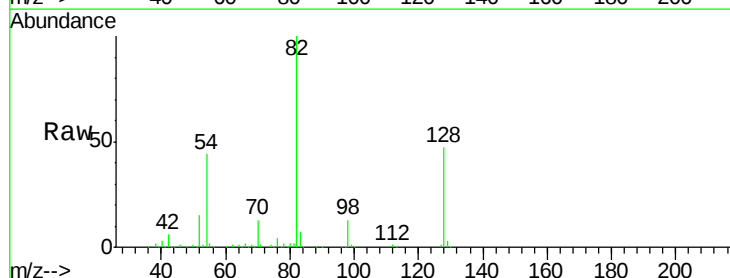
Ion Ratio Lower Upper

70 100

42 42.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

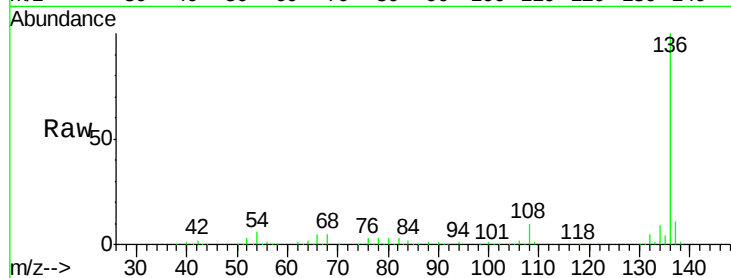




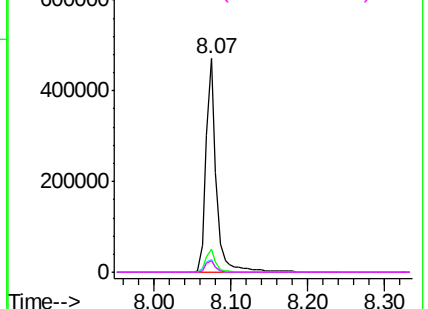
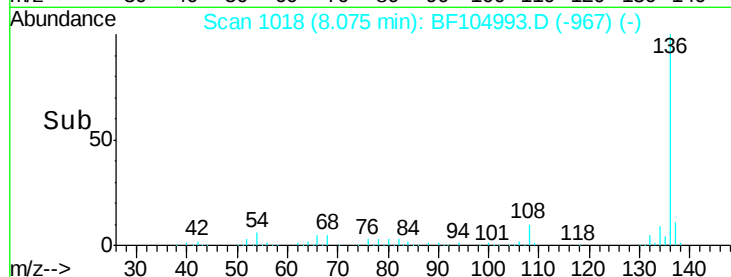
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF104993.D
Acq: 1 May 2018 19:27

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(5-10)

Tgt Ion:	136	Resp:	438234
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.1	6.6	9.8#
68	5.3	5.0	7.4

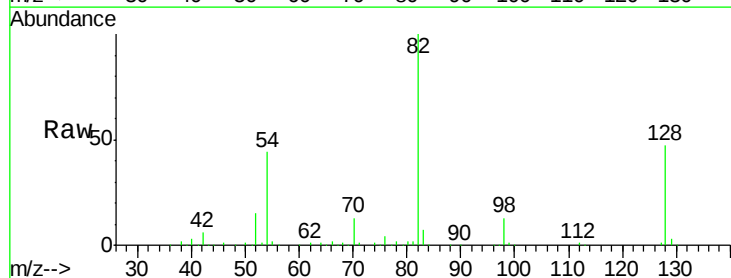


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

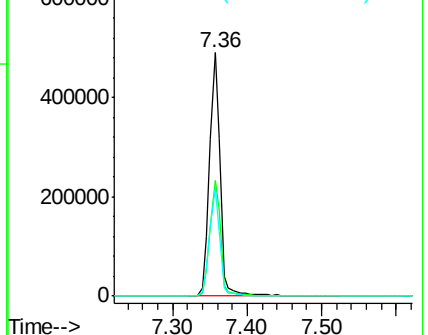
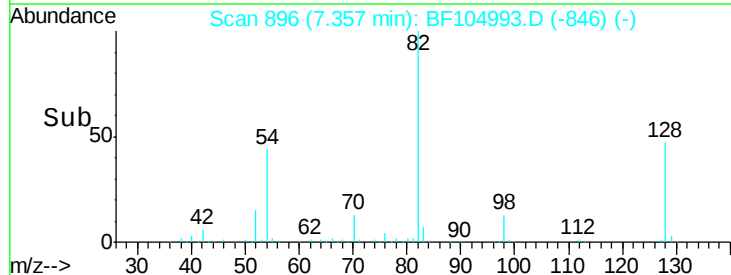


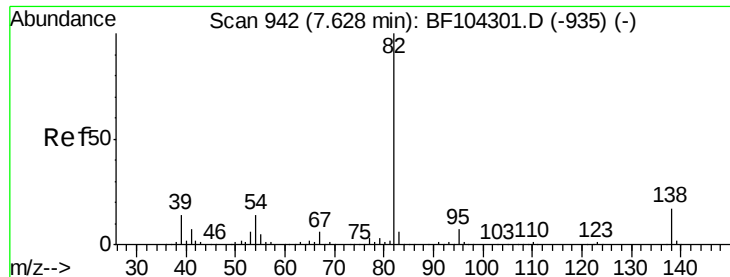
#23
Nitrobenzene-d5
Concen: 73.189 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF104993.D
Acq: 1 May 2018 19:27

Tgt Ion:	82	Resp:	491191
Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	44.2	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: 34.610 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF104993.D

Acq: 1 May 2018 19:27

Instrument :

BNA_F

ClientSampleId :

EPE-MX-4(5-10)

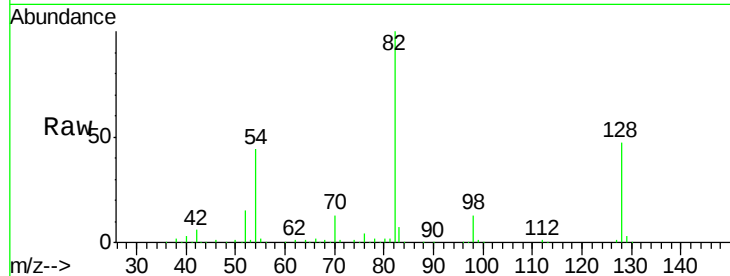
Tgt Ion: 82 Resp: 491187

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

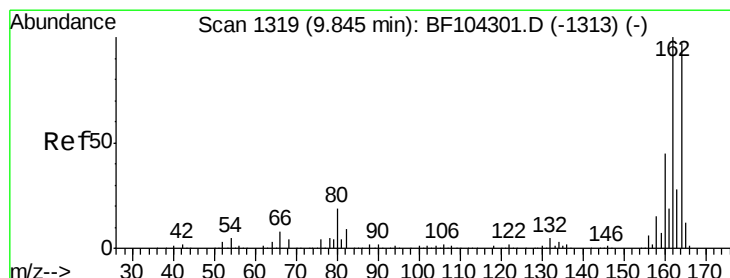
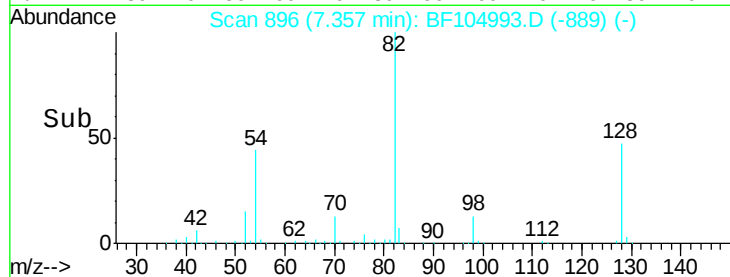
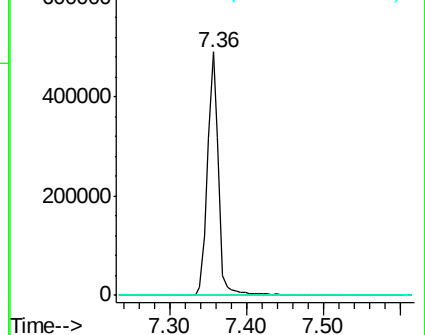
138 0.0 14.9 22.3#



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: BF104993.D

Acq: 1 May 2018 19:27

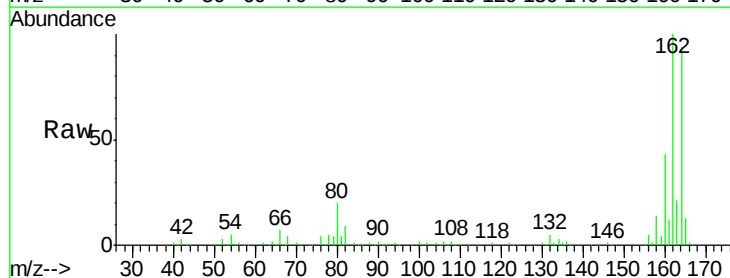
Tgt Ion: 164 Resp: 198878

Ion Ratio Lower Upper

164 100

162 106.4 86.1 129.1

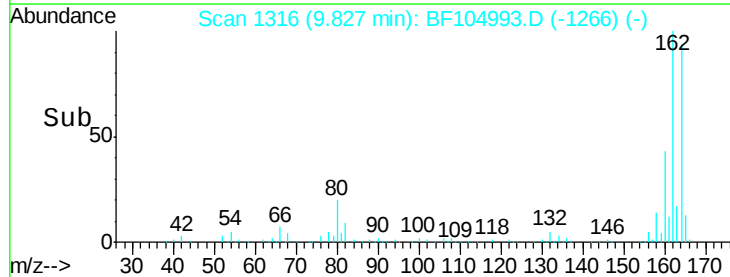
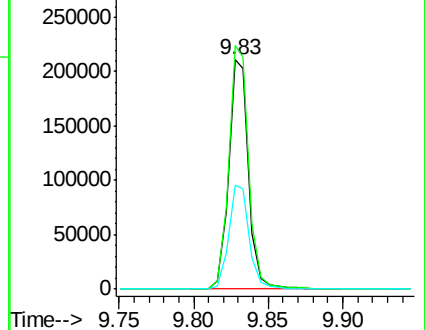
160 45.3 38.3 57.5

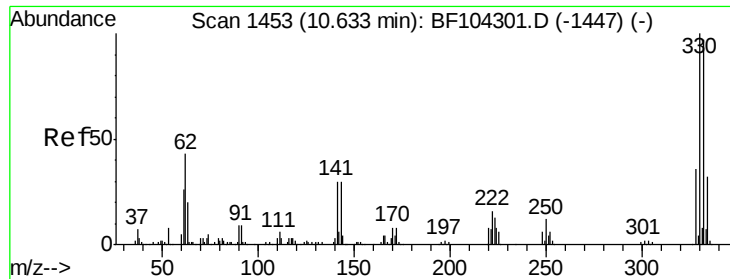


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

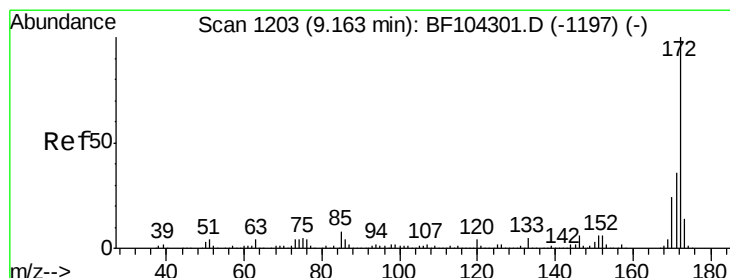
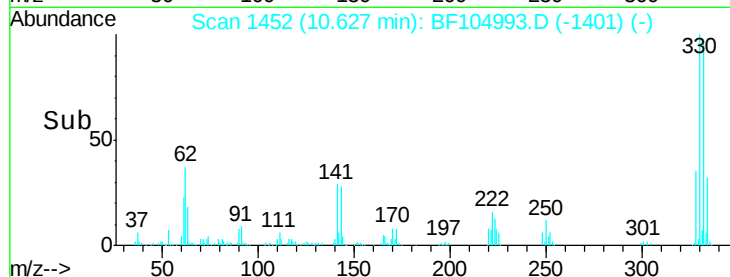
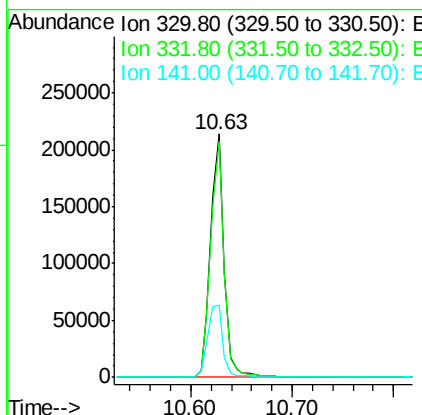
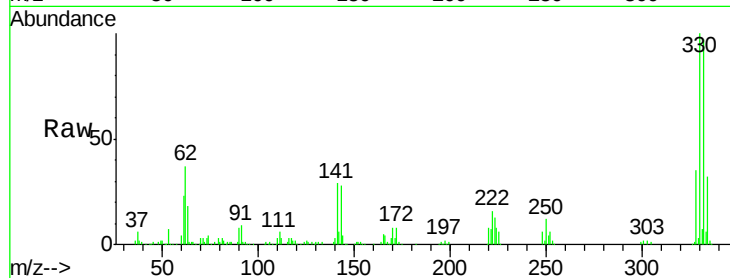




#41
 2,4,6-Tribromophenol
 Concen: 97.385 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF104993.D
 Acq: 1 May 2018 19:27

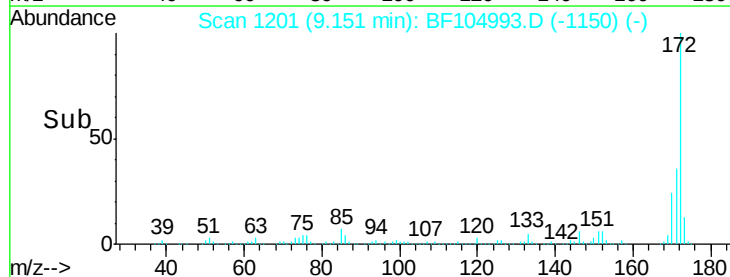
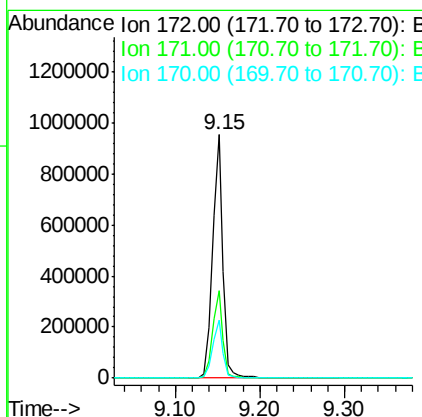
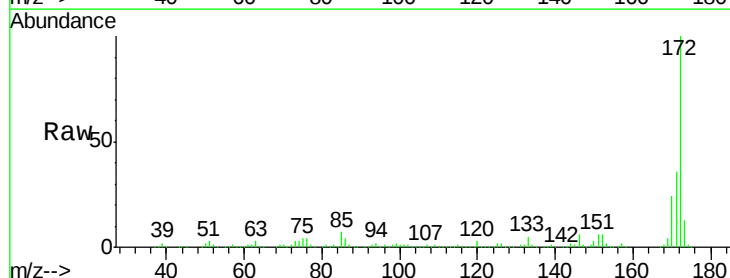
Instrument :
 BNA_F
 ClientSampleId :
 EPE-MX-4(5-10)

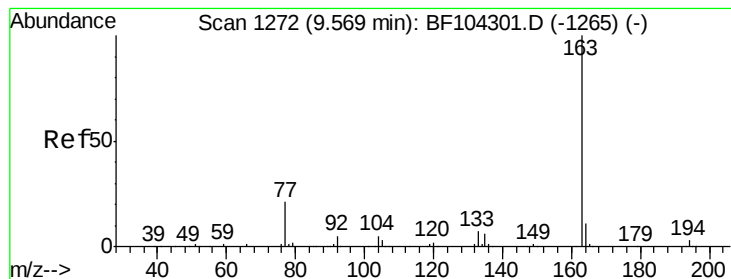
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	33.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 66.135 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF104993.D
 Acq: 1 May 2018 19:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.7	19.6	29.4





#49

Dimethylphthalate

Concen: 7.387 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF104993.D

Acq: 1 May 2018 19:27

Instrument :

BNA_F

ClientSampleId :

EPE-MX-4(5-10)

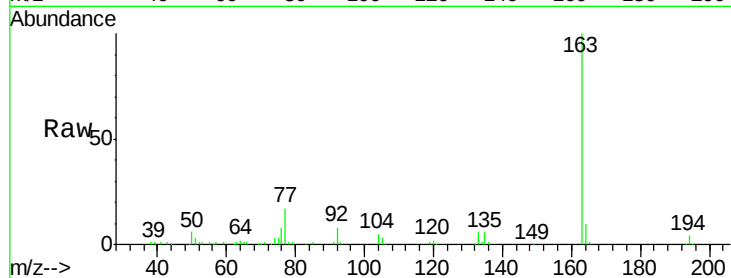
Tgt Ion:163 Resp: 115848

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

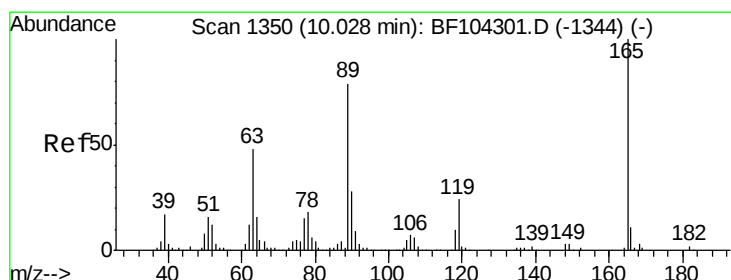
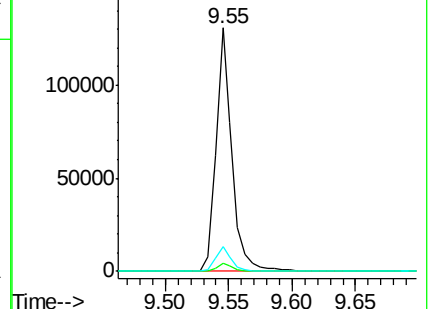
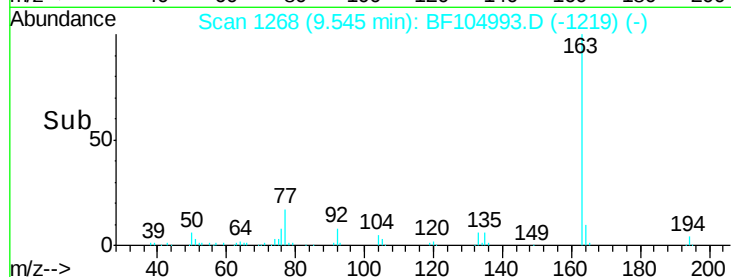
164 10.0 8.2 12.2



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: 6.702 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.21 min

Lab File: BF104993.D

Acq: 1 May 2018 19:27

Tgt Ion:165 Resp: 25510

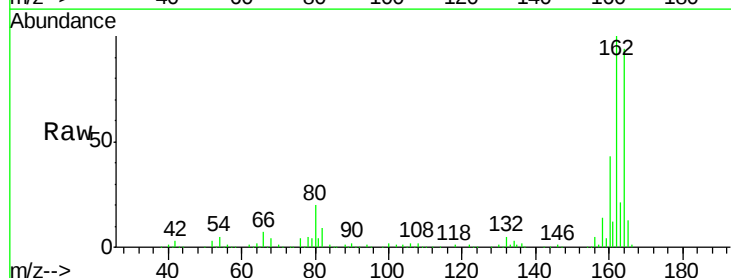
Ion Ratio Lower Upper

165 100

63 1.1 36.4 54.6#

89 1.7 57.8 86.6#

182 0.0 1.6 2.4#

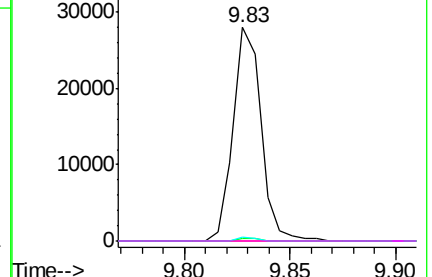
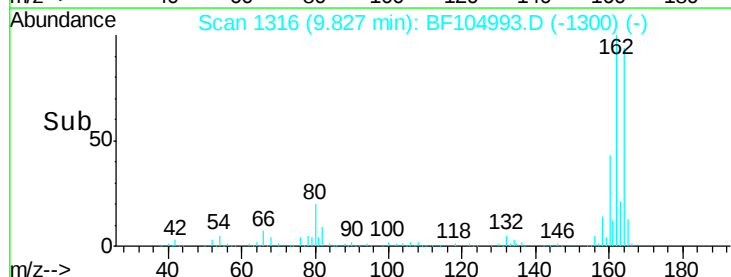


Abundance Ion 165.00 (164.70 to 165.70): E

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

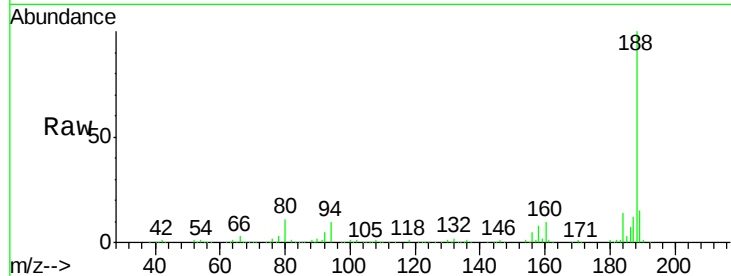




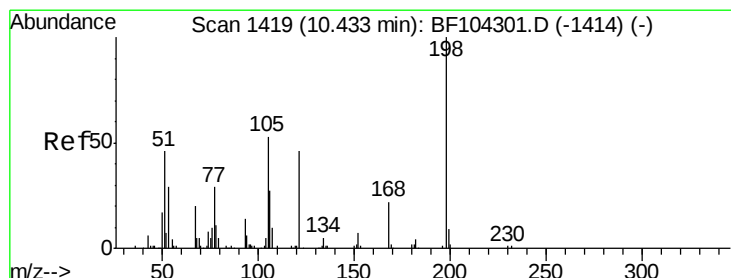
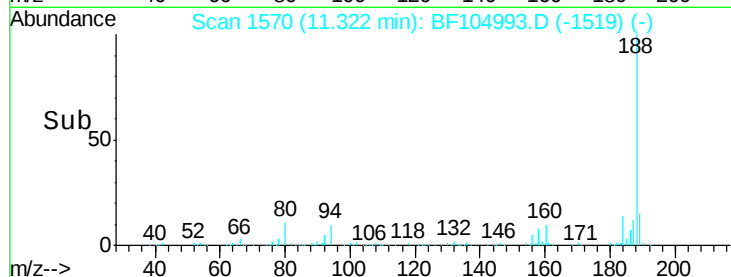
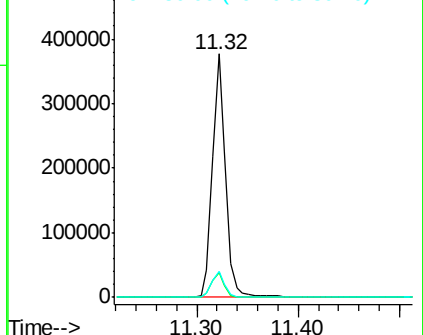
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF104993.D
Acq: 1 May 2018 19:27

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(5-10)

Tgt Ion:188 Resp: 338262
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.8 9.2 13.8

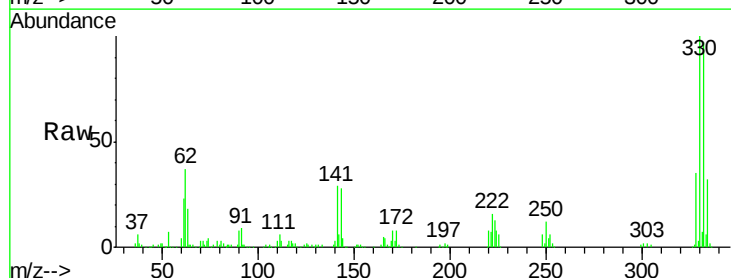


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

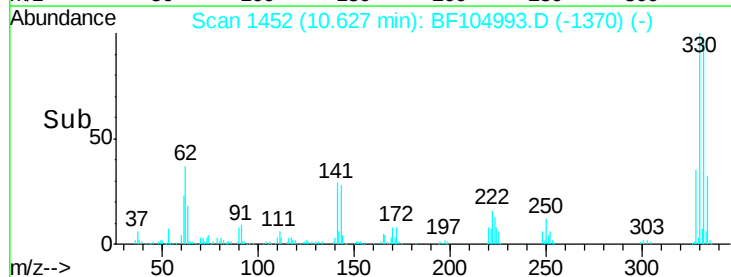
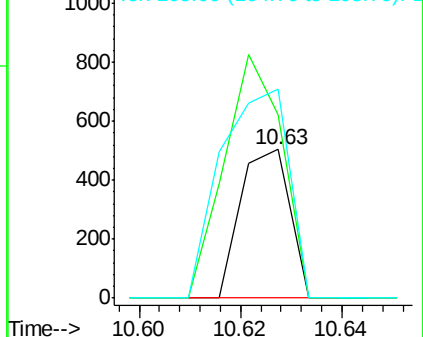


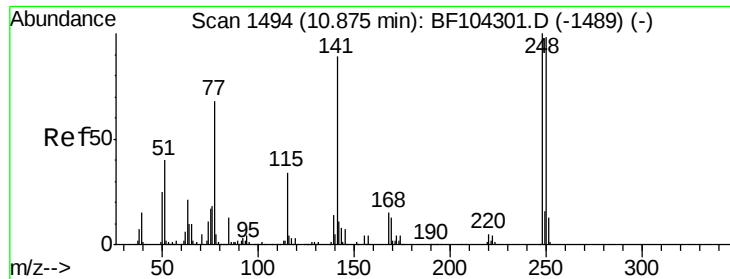
#64
4,6-Dinitro-2-methylphenol
Concen: 7.522 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.18 min
Lab File: BF104993.D
Acq: 1 May 2018 19:27

Tgt Ion:198 Resp: 340
Ion Ratio Lower Upper
198 100
51 123.8 37.7 77.7#
105 141.1 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

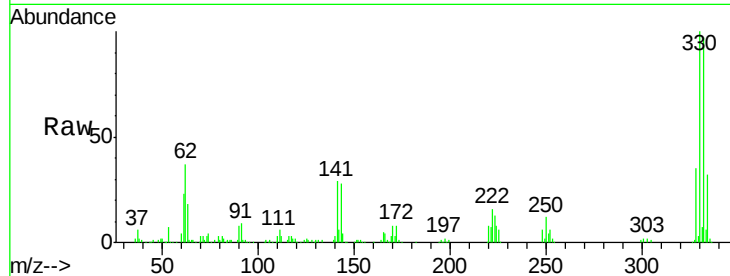




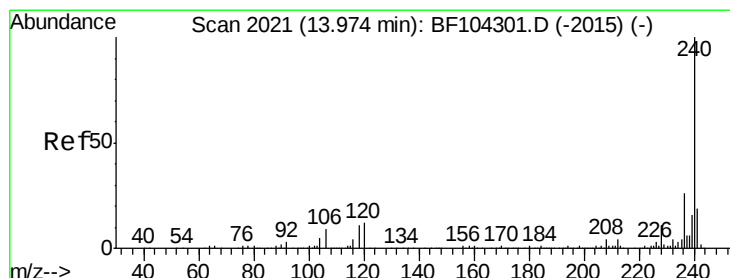
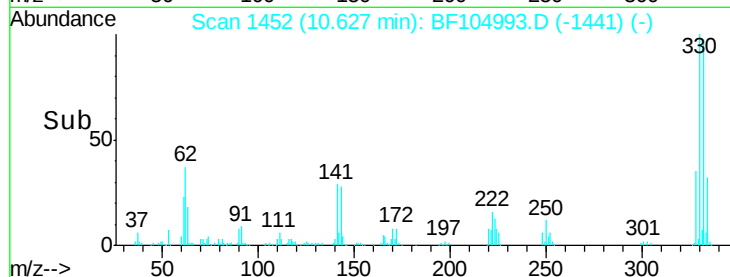
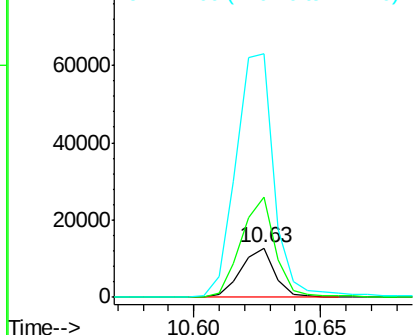
#66
 4-Bromophenyl-phenylether
 Concen: 3.305 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF104993.D
 Acq: 1 May 2018 19:27

Instrument :
 BNA_F
 ClientSampleId :
 EPE-MX-4(5-10)

Tgt Ion:248 Resp: 11891
 Ion Ratio Lower Upper
 248 100
 250 203.5 76.9 115.3#
 141 492.1 74.4 111.6#

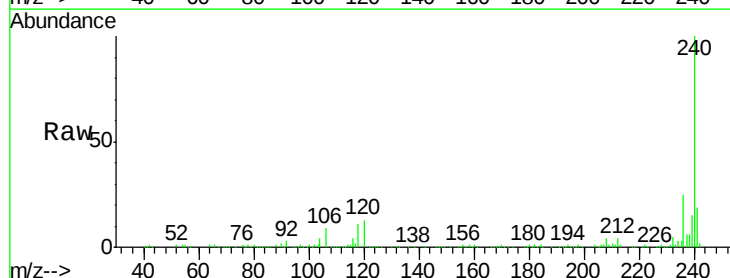


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

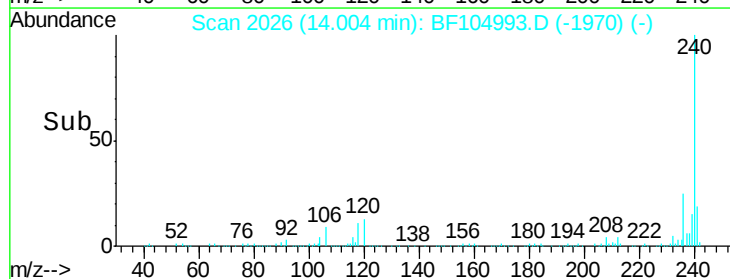
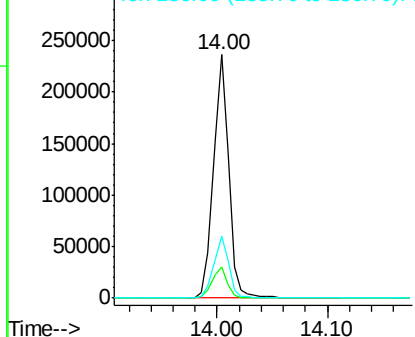


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.03 min
 Lab File: BF104993.D
 Acq: 1 May 2018 19:27

Tgt Ion:240 Resp: 223876
 Ion Ratio Lower Upper
 240 100
 120 12.8 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

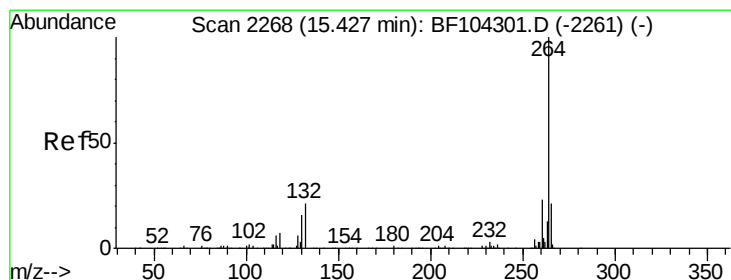
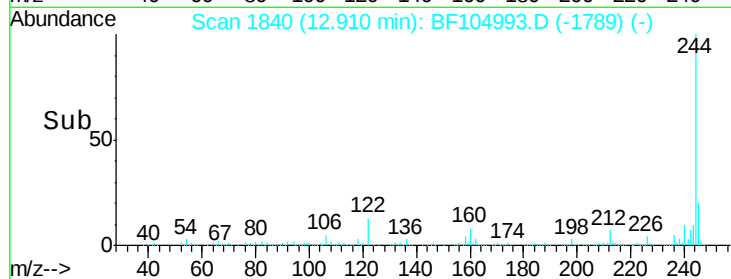
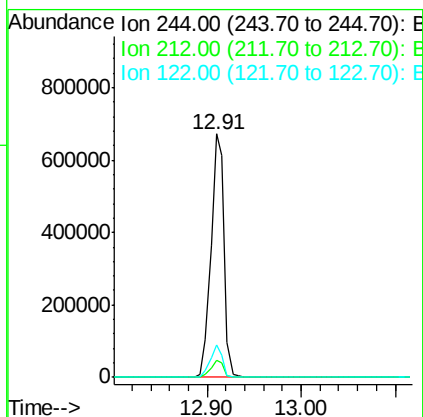
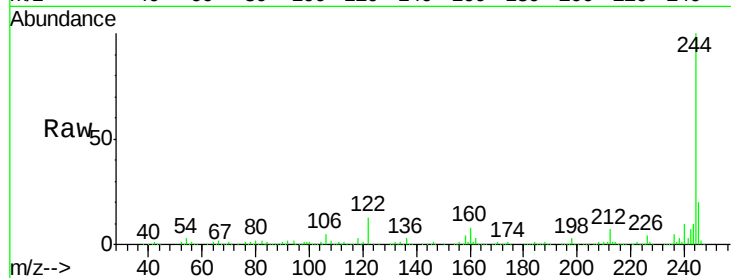




#78
 Terphenyl-d14
 Concen: 67.845 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF104993.D
 Acq: 1 May 2018 19:27

Instrument :
 BNA_F
 ClientSampleId :
 EPE-MX-4(5-10)

Tgt Ion:244 Resp: 666232
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.11 min
 Lab File: BF104993.D
 Acq: 1 May 2018 19:27

Tgt Ion:264 Resp: 198304
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.8 17.5 26.3

