

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105097.D
 Acq On : 4 May 2018 2:20
 Operator : JU/SJ
 Sample : J2626-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-MX-4(93-97)

Quant Time: May 04 04:06:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

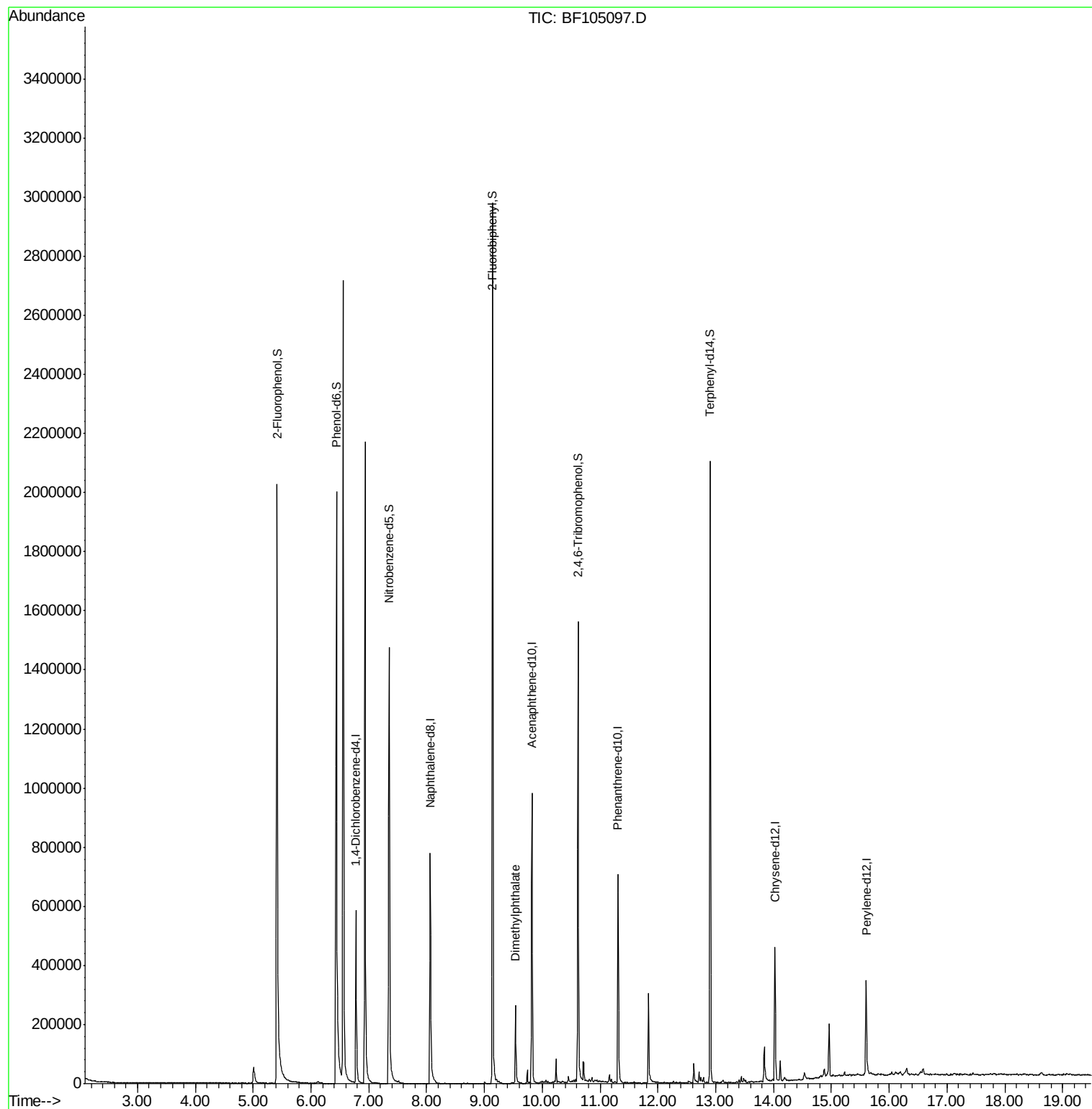
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	110675	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	450663	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	193909	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	303263	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	191491	20.00	ng	0.00
86) Perylene-d12	15.60	264	154403	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	887190	122.57	ng	0.00
7) Phenol-d6	6.44	99	1071023	120.43	ng	0.00
23) Nitrobenzene-d5	7.35	82	634750	91.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	242745	120.68	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1091994	88.96	ng	-0.02
78) Terphenyl-d14	12.90	244	767311	91.35	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.54	163	133317	8.719	ng	Qvalue 99

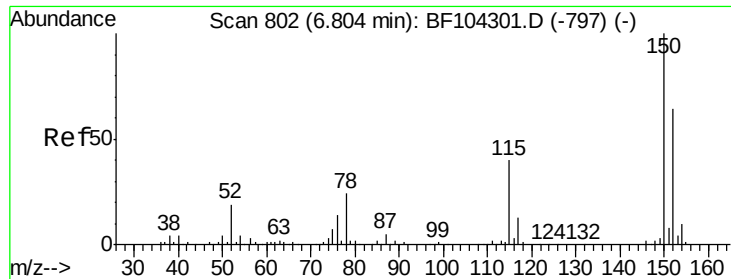
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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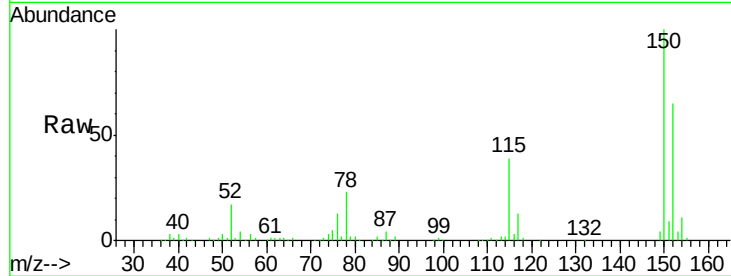


#1

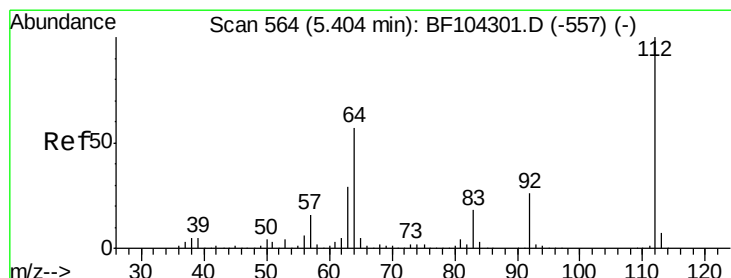
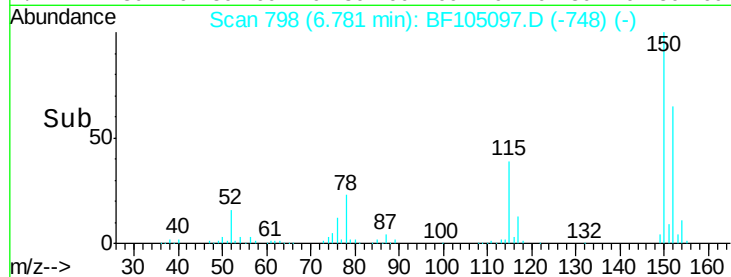
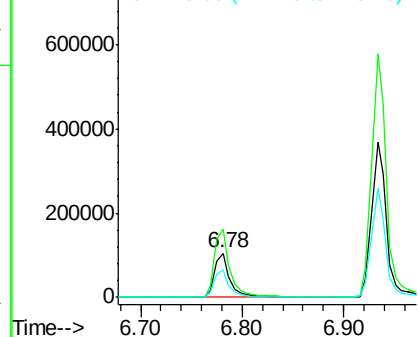
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(93-97)

Tot Ion:152 Resp: 110675
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 60.5 50.1 75.1



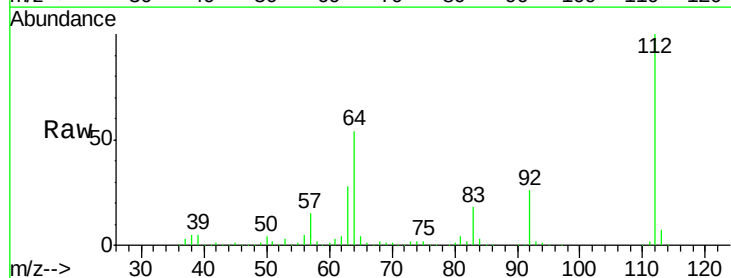
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



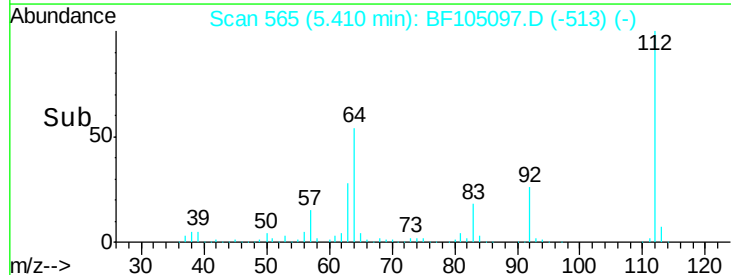
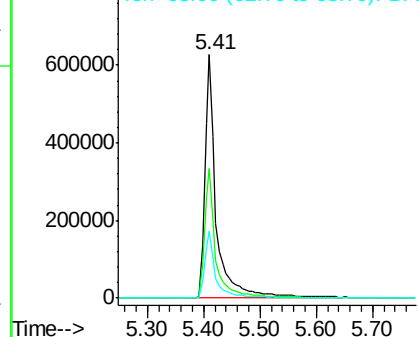
#5

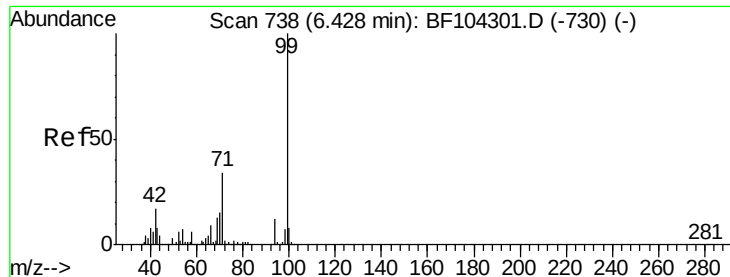
2-Fluorophenol
Concen: 122.572 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Tgt Ion:112 Resp: 887190
Ion Ratio Lower Upper
112 100
64 53.5 47.9 71.9
63 27.6 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: 120.430 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF105097.D

Acq: 4 May 2018 2:20

Instrument :

BNA_F

ClientSampleId :

EPE-MX-4(93-97)

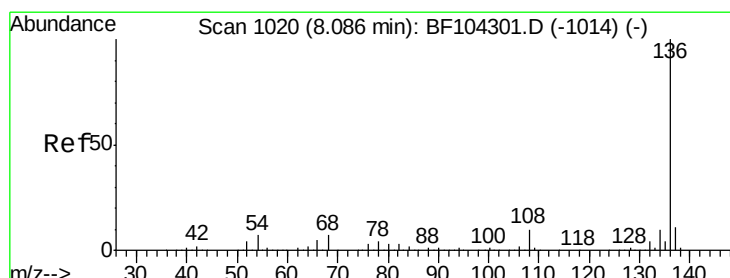
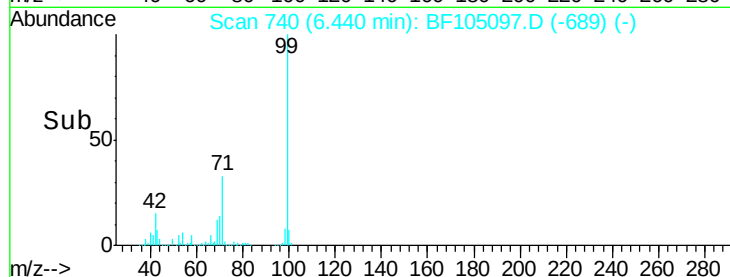
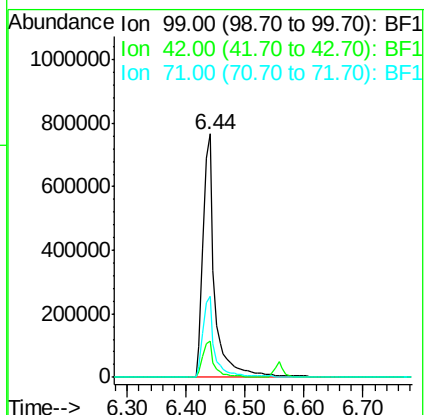
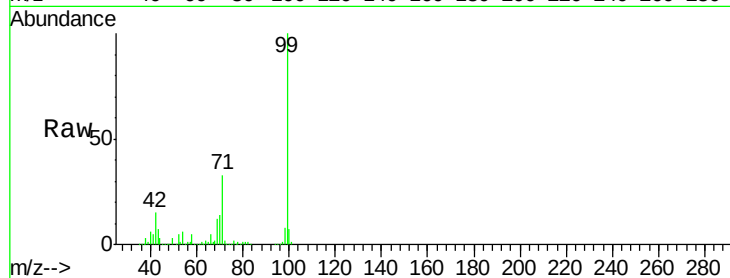
Tot Ion: 99 Resp: 1071023

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

71 33.4 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF105097.D

Acq: 4 May 2018 2:20

Tgt Ion: 136 Resp: 450663

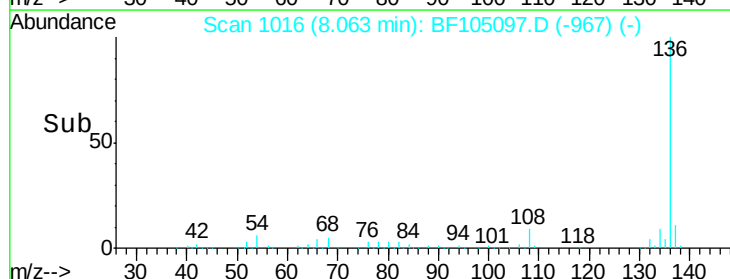
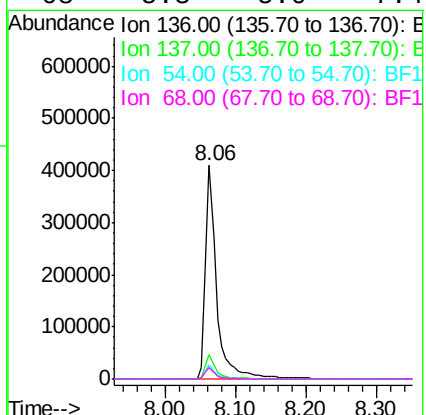
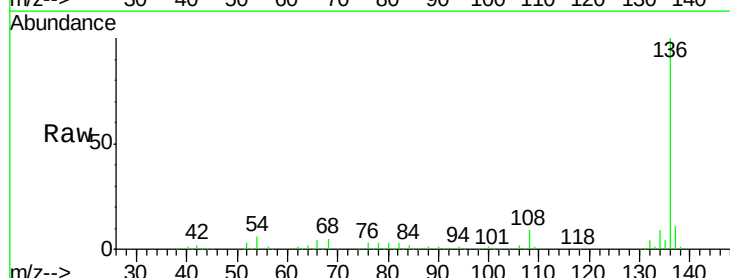
Ion Ratio Lower Upper

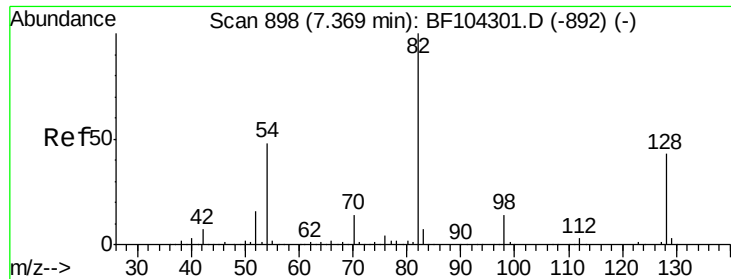
136 100

137 11.2 8.9 13.3

54 6.4 6.6 9.8#

68 5.3 5.0 7.4

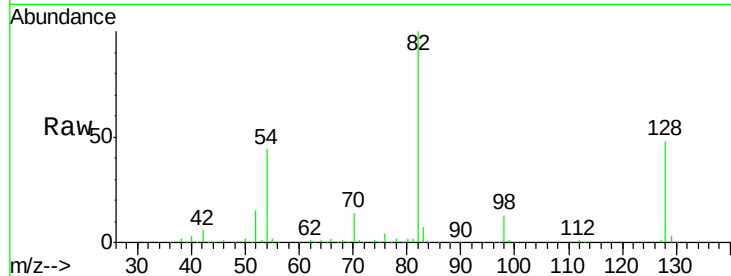




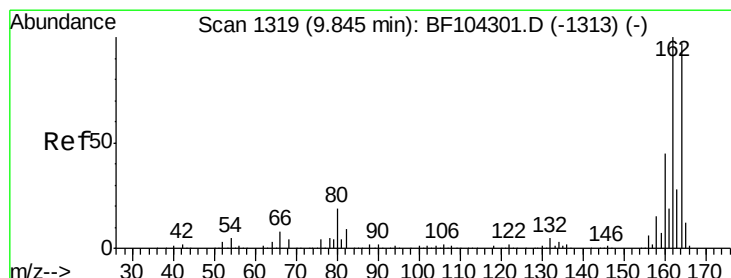
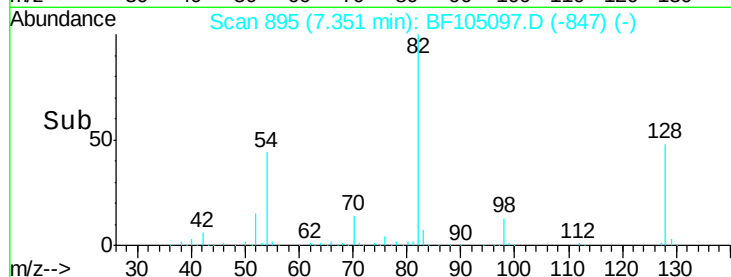
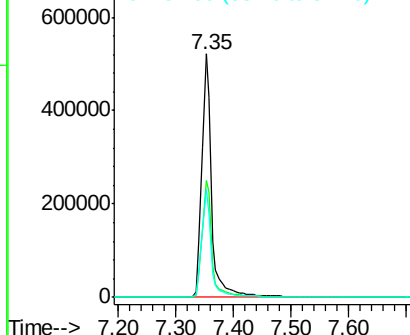
#23
 Nitrobenzene-d5
 Concen: 91.971 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF105097.D
 Acq: 4 May 2018 2:20

Instrument :
 BNA_F
 ClientSampleId :
 EPE-MX-4(93-97)

Tot Ion: 82 Resp: 634750
 Ion Ratio Lower Upper
 82 100
 128 48.1 36.1 54.1
 54 44.1 41.4 62.2

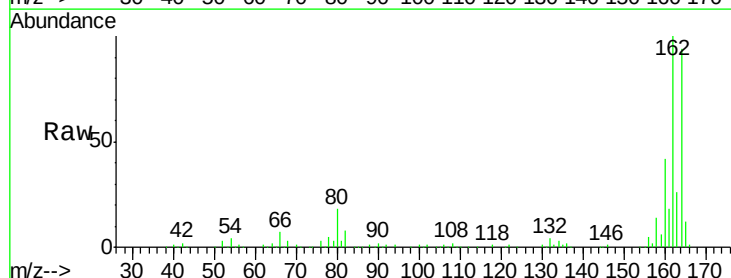


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

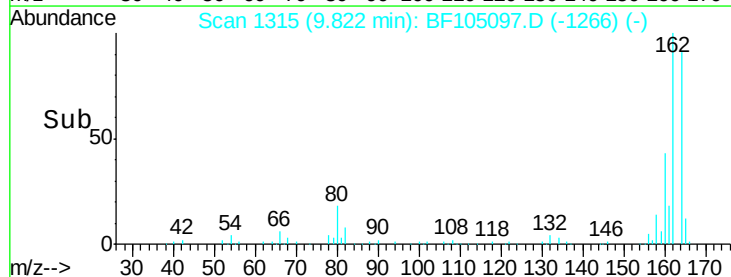
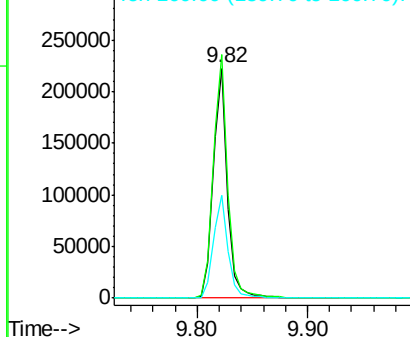


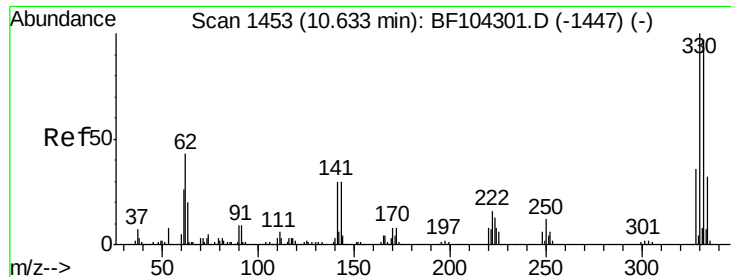
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF105097.D
 Acq: 4 May 2018 2:20

Tgt Ion: 164 Resp: 193909
 Ion Ratio Lower Upper
 164 100
 162 106.0 86.1 129.1
 160 45.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

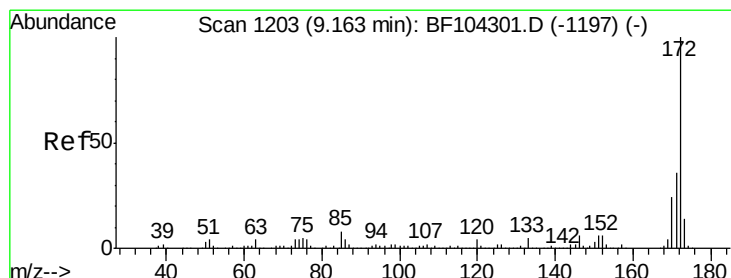
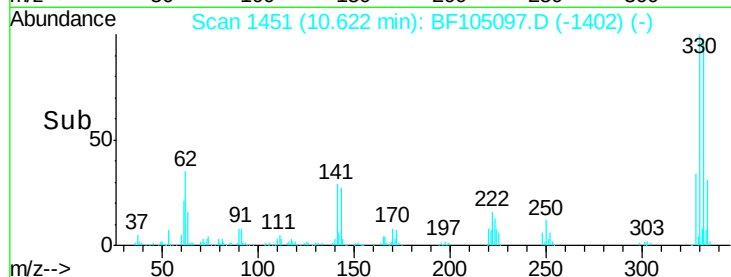
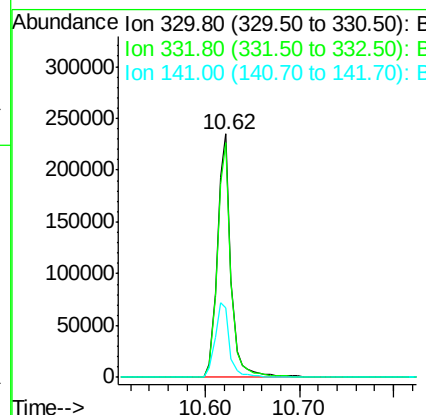
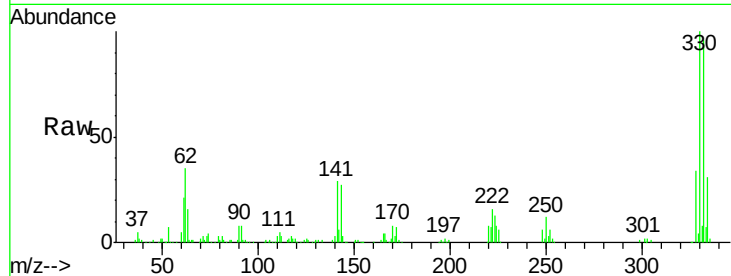




#41
 2,4,6-Tribromophenol
 Concen: 120.680 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105097.D
 Acq: 4 May 2018 2:20

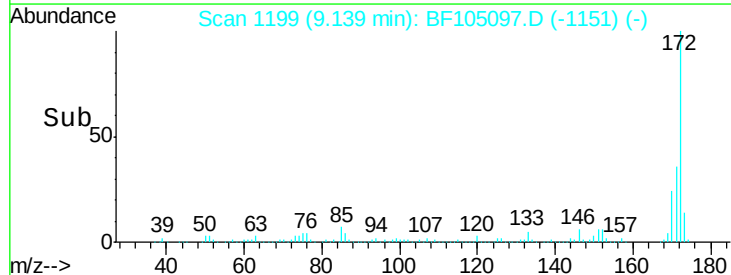
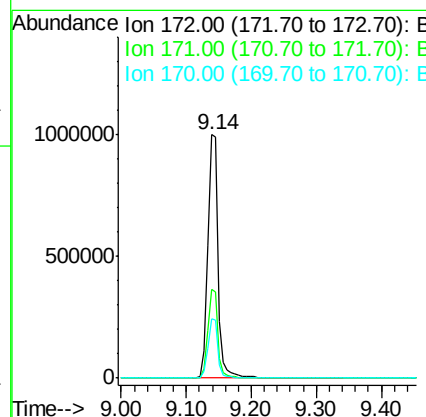
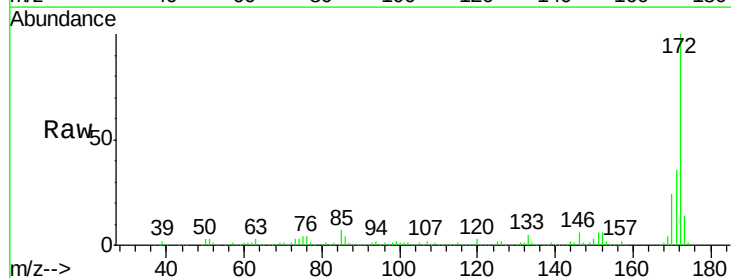
Instrument :
 BNA_F
 ClientSampleId :
 EPE-MX-4(93-97)

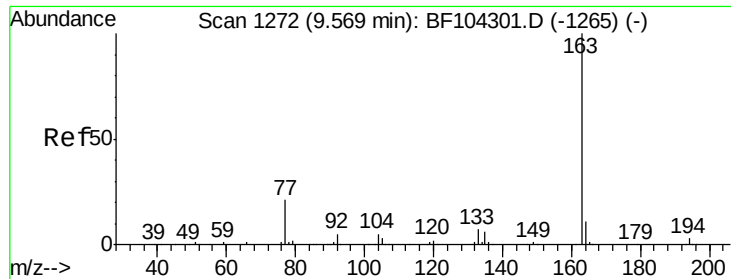
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	32.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 88.963 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF105097.D
 Acq: 4 May 2018 2:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4

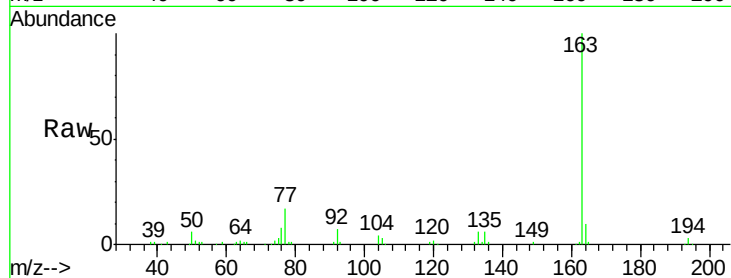




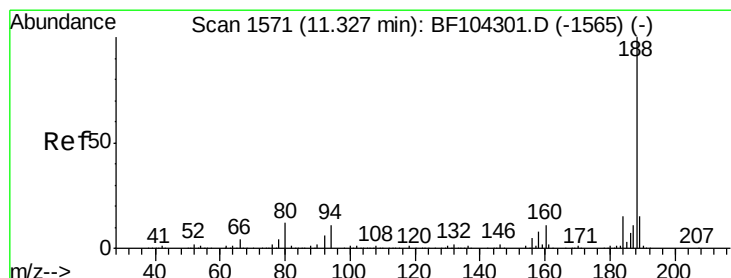
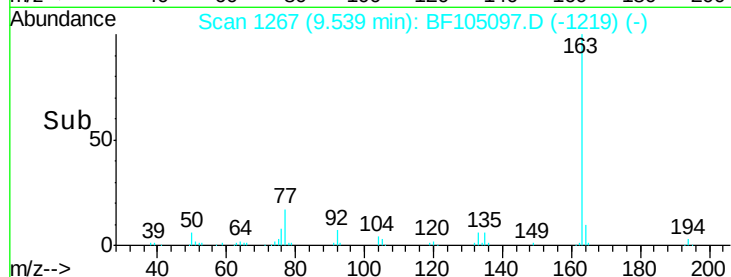
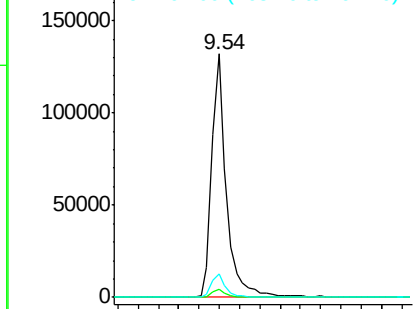
#49
Dimethylphthalate
Concen: 8.719 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(93-97)

Tot Ion:163 Resp: 133317
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.7 8.2 12.2

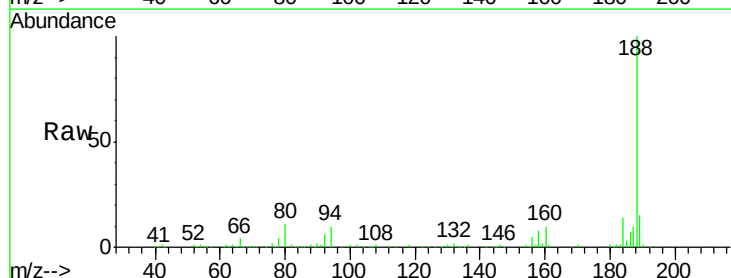


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

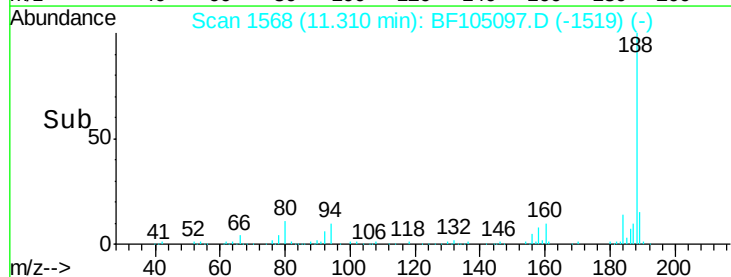
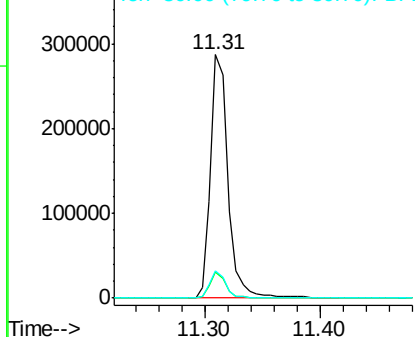


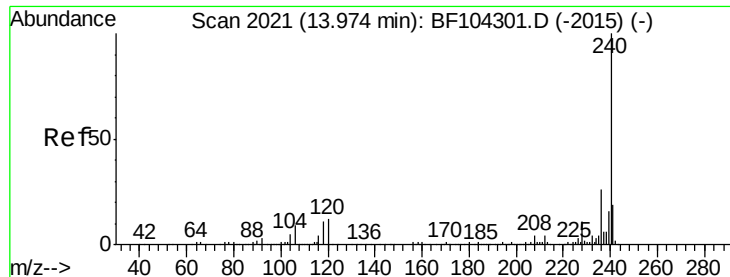
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Tgt Ion:188 Resp: 303263
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.0 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF105097.D

Acq: 4 May 2018 2:20

Instrument :

BNA_F

ClientSampleId :

EPE-MX-4(93-97)

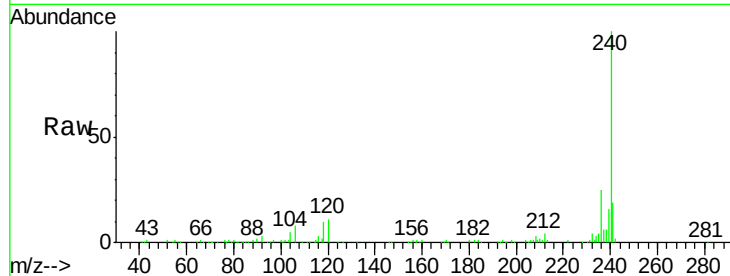
Tot Ion:240 Resp: 191491

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

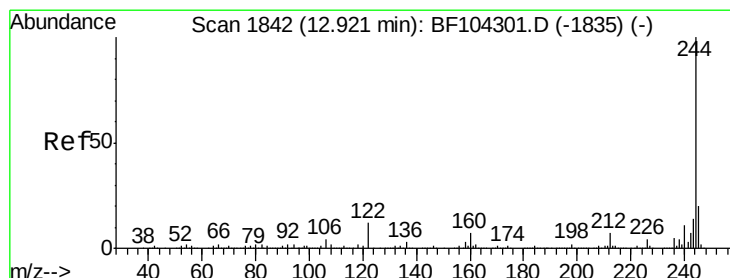
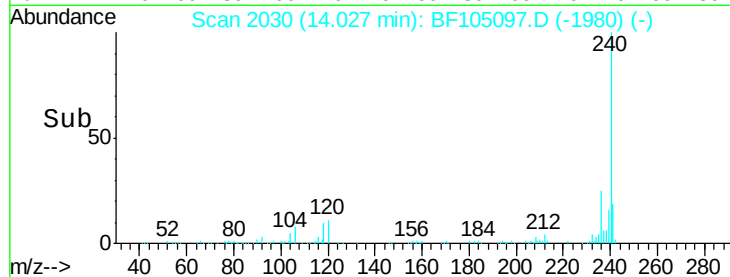
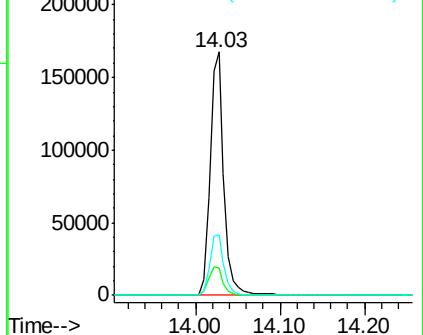
236 24.9 20.7 31.1



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: 91.354 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF105097.D

Acq: 4 May 2018 2:20

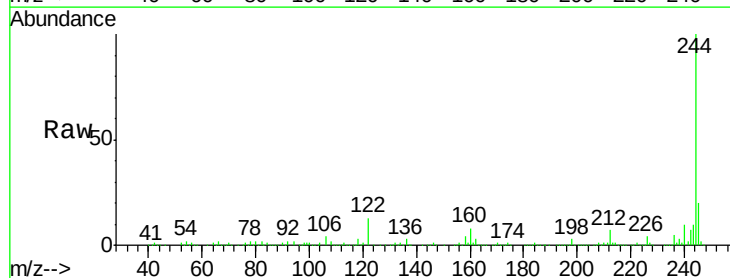
Tgt Ion:244 Resp: 767311

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

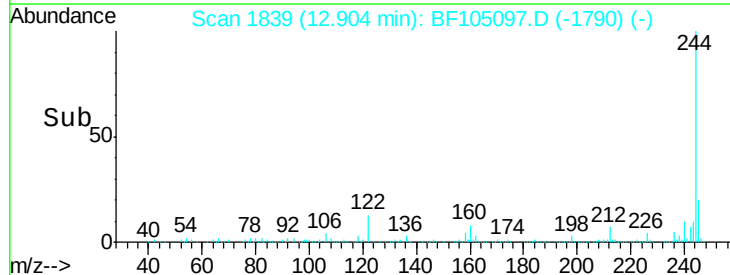
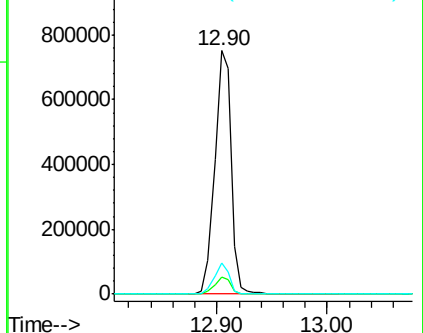
122 12.8 11.0 16.4

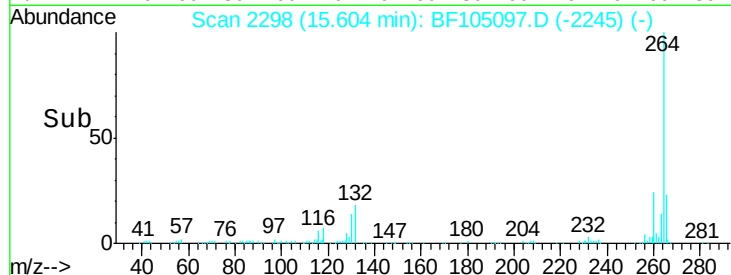
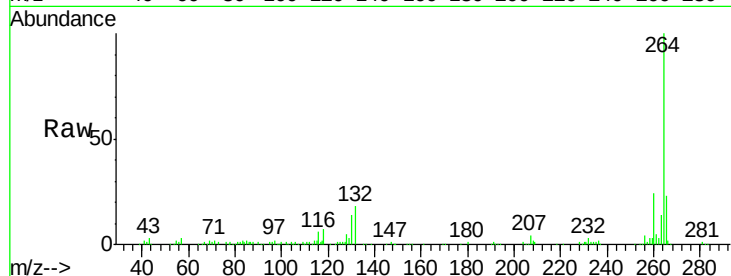
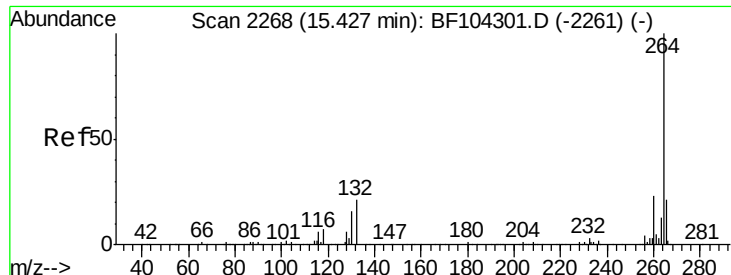


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.60 min Scan# 2298
 Delta R.T. 0.01 min
 Lab File: BF105097.D
 Acq: 4 May 2018 2:20

Instrument :
 BNA_F
 ClientSampleId :
 EPE-MX-4(93-97)

Tot Ion:	264	Resp:	154403
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	22.6	17.5	26.3

