

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105096.D
 Acq On : 4 May 2018 1:53
 Operator : JU/SJ
 Sample : J2626-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-MX-4(120-122)

Quant Time: May 04 04:04:38 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

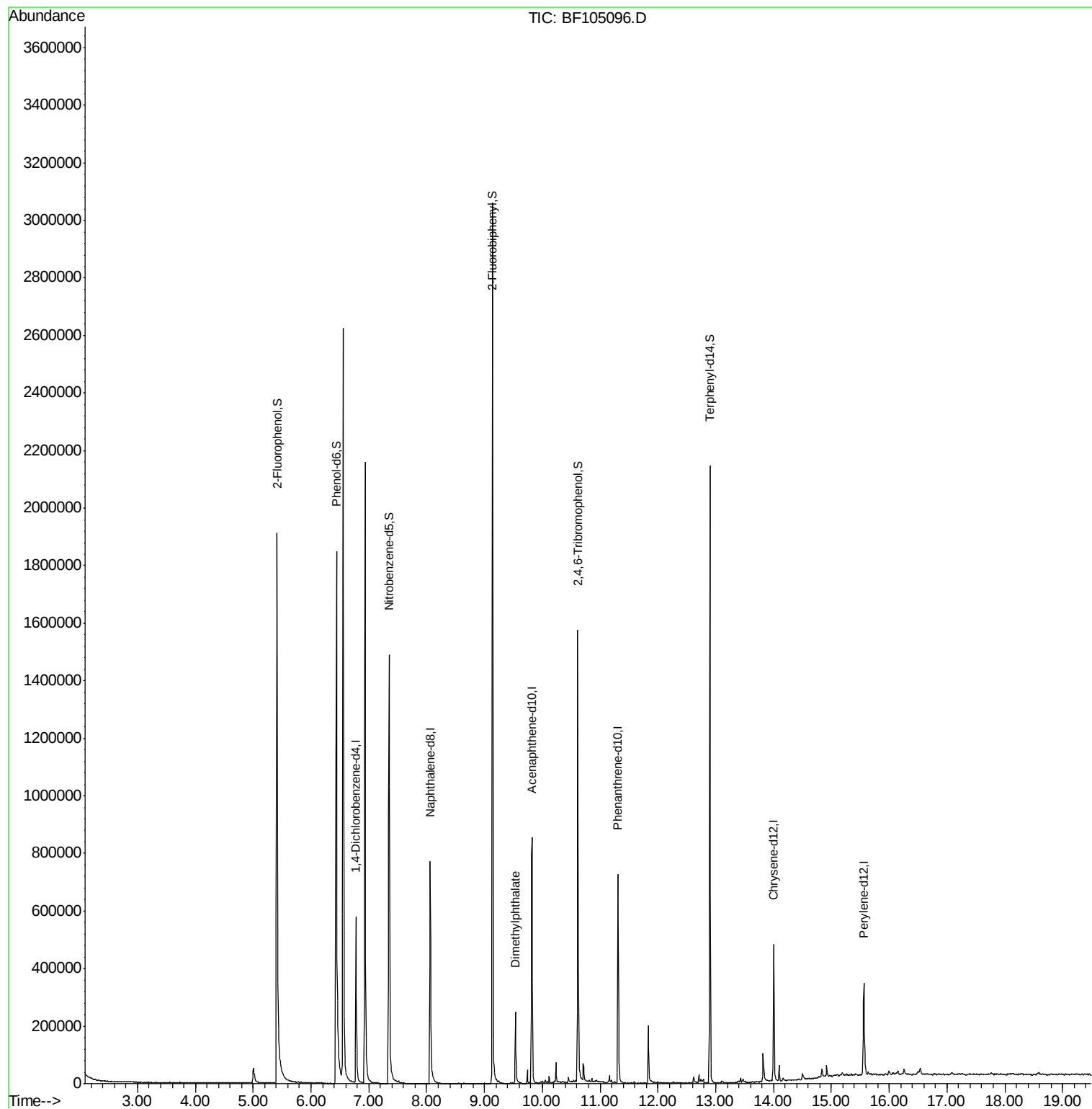
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	107766	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	446272	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	192487	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	297103	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	190603	20.00	ng	-0.03
86) Perylene-d12	15.56	264	152513	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	850357	120.65	ng	0.00
7) Phenol-d6	6.44	99	1040052	120.10	ng	0.00
23) Nitrobenzene-d5	7.35	82	605941	88.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	228332	114.35	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	1070374	87.85	ng	-0.02
78) Terphenyl-d14	12.90	244	750994	89.83	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	131754	8.680	ng	100

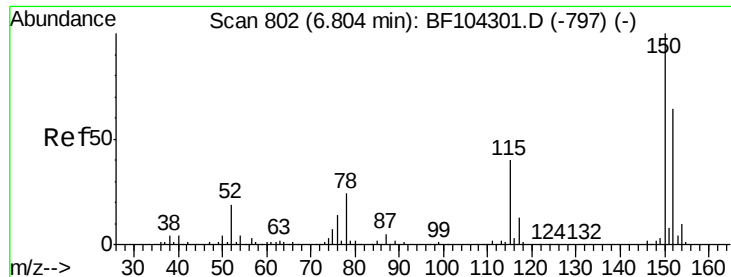
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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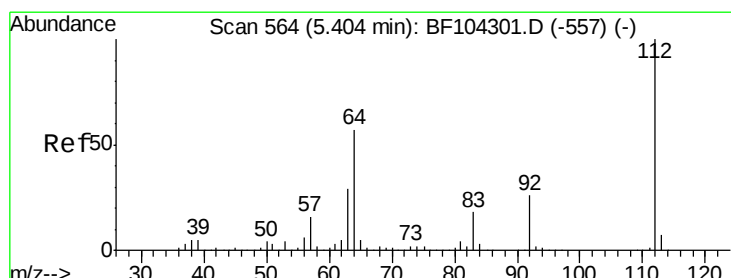
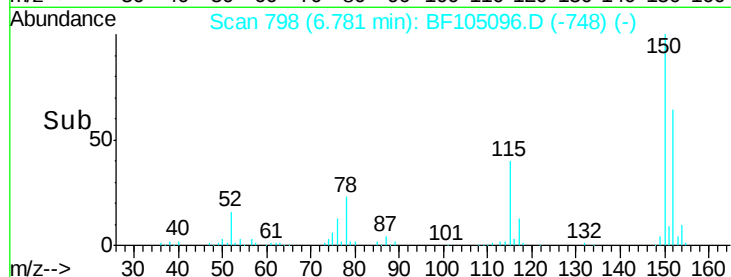
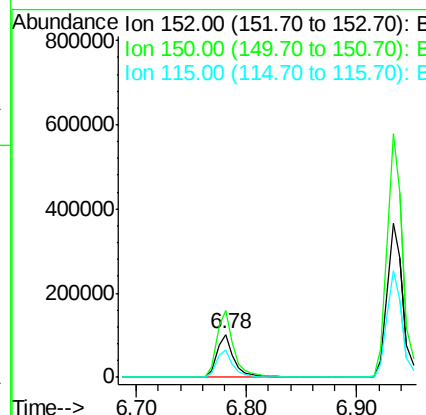
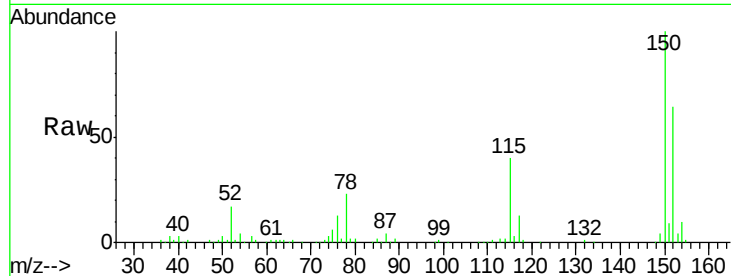




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF105096.D
 Acq: 4 May 2018 1:53

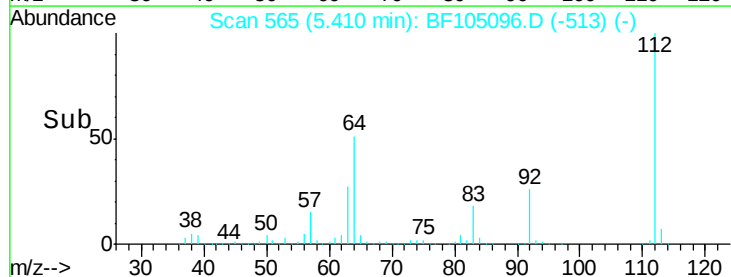
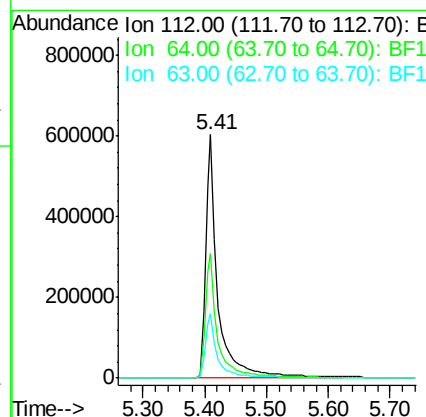
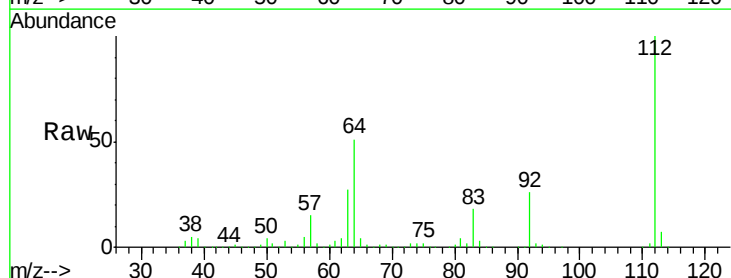
Instrument :
 BNA_F
 ClientSampleId :
 EPE-MX-4(120-122)

Tot Ion:152 Resp: 107766
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.6 186.8
 115 62.7 50.1 75.1



#5
 2-Fluorophenol
 Concen: 120.654 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF105096.D
 Acq: 4 May 2018 1:53

Tgt Ion:112 Resp: 850357
 Ion Ratio Lower Upper
 112 100
 64 51.4 47.9 71.9
 63 26.6 23.7 35.5





#7

Phenol-d6

Concen: 120.105 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF105096.D

Acq: 4 May 2018 1:53

Instrument :

BNA_F

ClientSampleId :

EPE-MX-4(120-122)

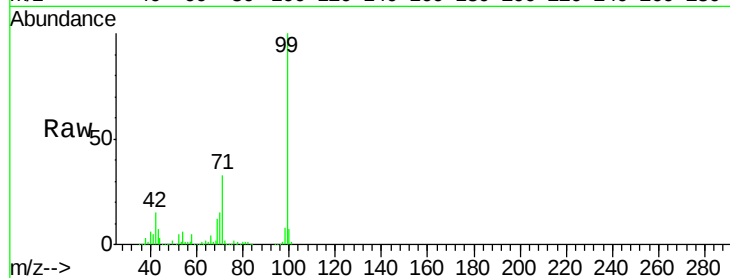
Tot Ion: 99 Resp: 1040052

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

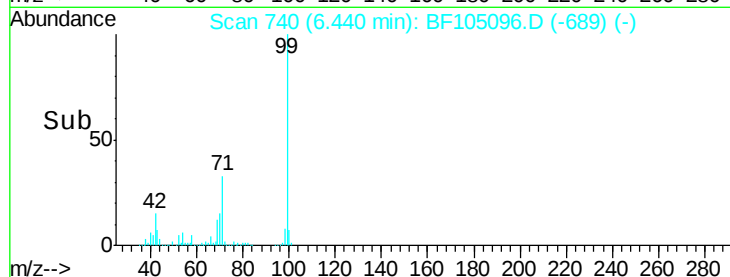
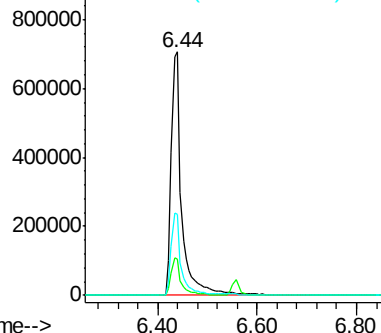
71 33.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF105096.D

Acq: 4 May 2018 1:53

Tgt Ion: 136 Resp: 446272

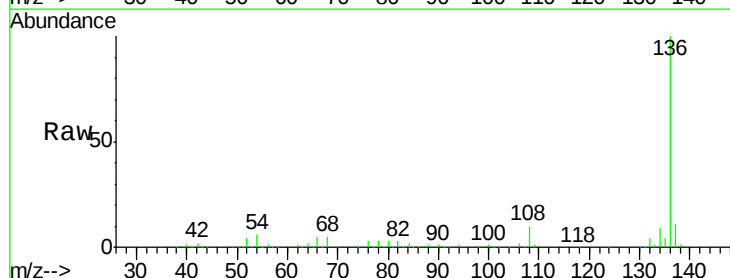
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.0 6.6 9.8#

68 5.3 5.0 7.4

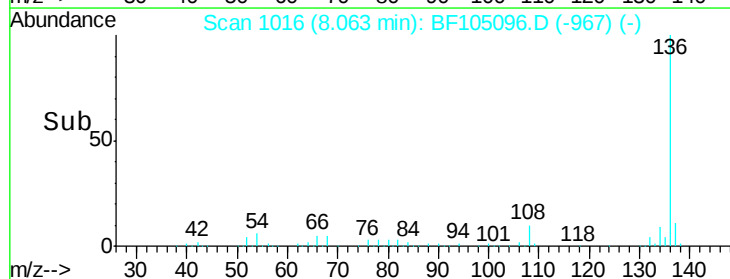
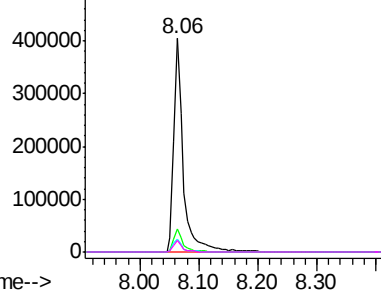


Abundance Ion 136.00 (135.70 to 136.70): E

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

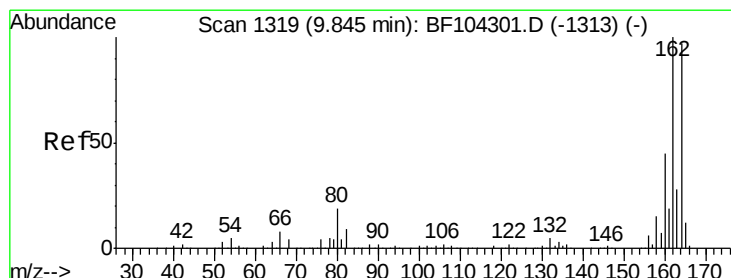
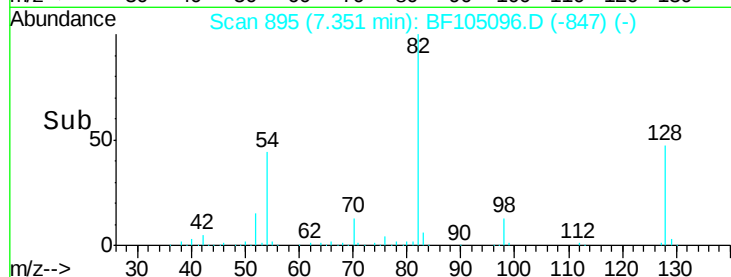
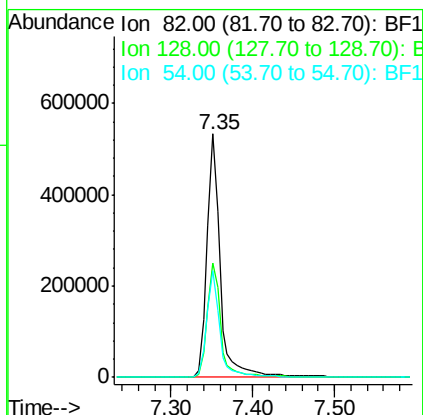
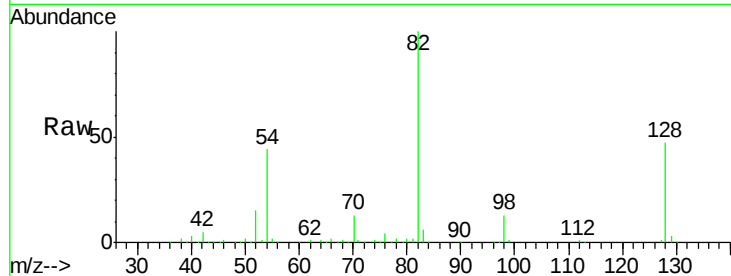




#23
 Nitrobenzene-d5
 Concen: 88.661 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF105096.D
 Acq: 4 May 2018 1:53

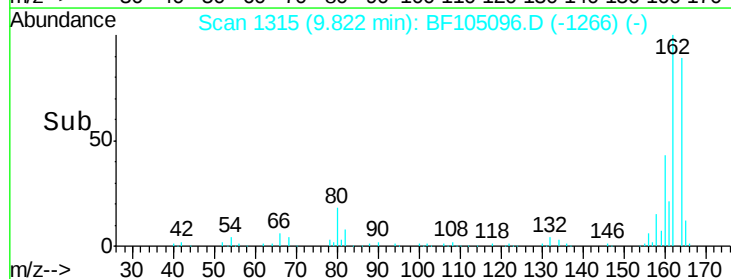
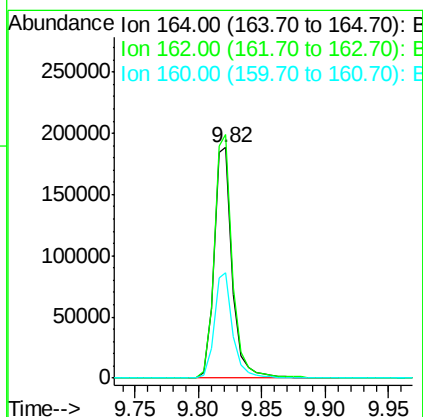
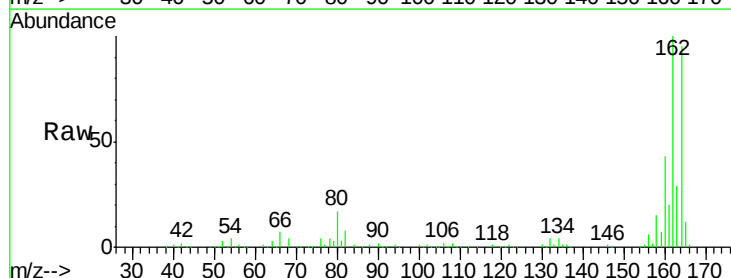
Instrument :
 BNA_F
 ClientSampleId :
 EPE-MX-4(120-122)

Tot Ion	82	Resp	605941
Ion Ratio	Lower	Upper	
82	100		
128	47.1	36.1	54.1
54	43.8	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF105096.D
 Acq: 4 May 2018 1:53

Tgt Ion	164	Resp	192487
Ion Ratio	Lower	Upper	
164	100		
162	105.6	86.1	129.1
160	45.6	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 114.354 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.02 min

Lab File: BF105096.D

Acq: 4 May 2018 1:53

Instrument :

BNA_F

ClientSampleId :

EPE-MX-4(120-122)

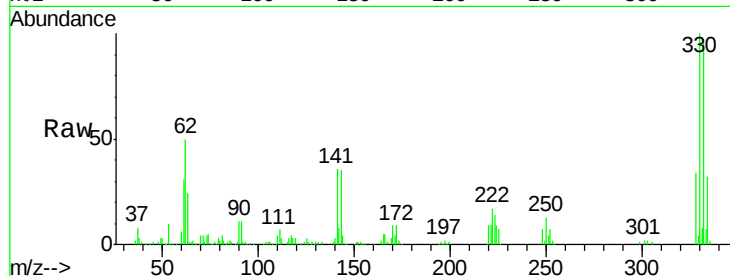
Tot Ion:330 Resp: 228332

Ion Ratio Lower Upper

330 100

332 98.0 77.0 115.6

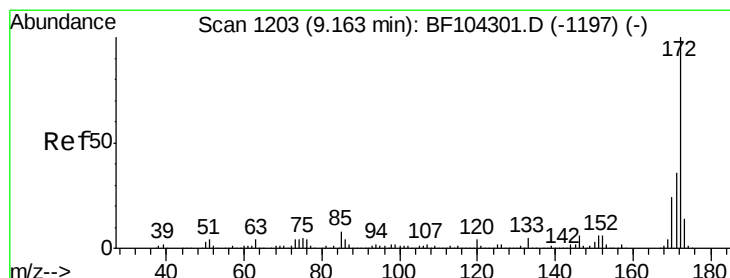
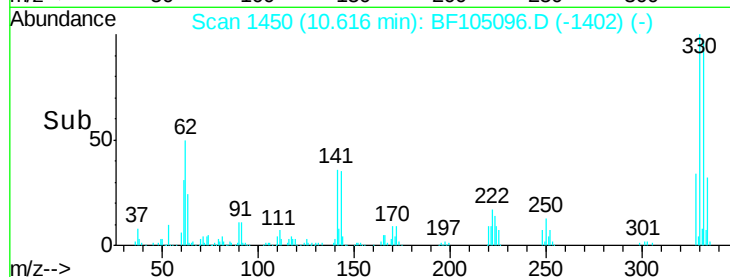
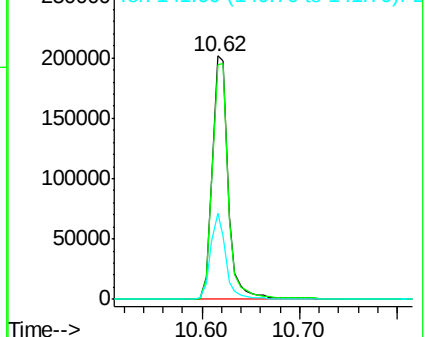
141 33.7 29.9 44.9



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: 87.846 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.02 min

Lab File: BF105096.D

Acq: 4 May 2018 1:53

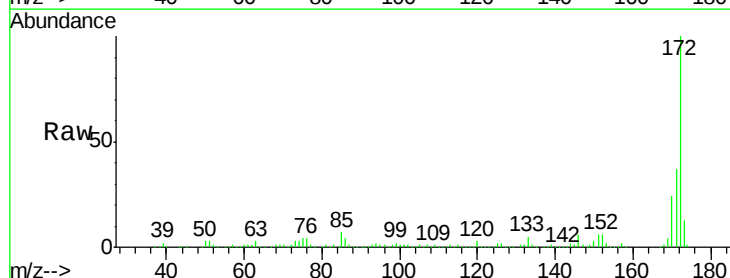
Tgt Ion:172 Resp: 1070374

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

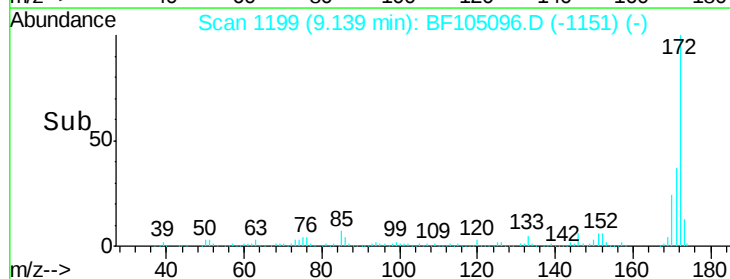
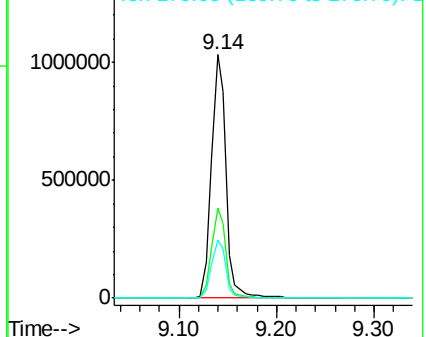
170 24.0 19.6 29.4

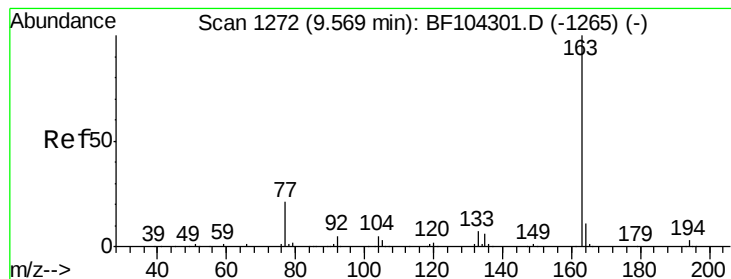


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 8.680 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF105096.D

Acq: 4 May 2018 1:53

Instrument :

BNA_F

ClientSampleId :

EPE-MX-4(120-122)

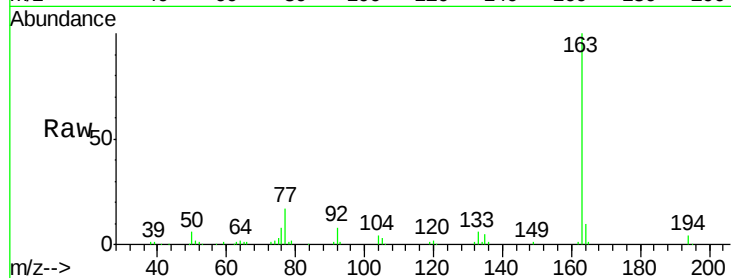
Tot Ion:163 Resp: 131754

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

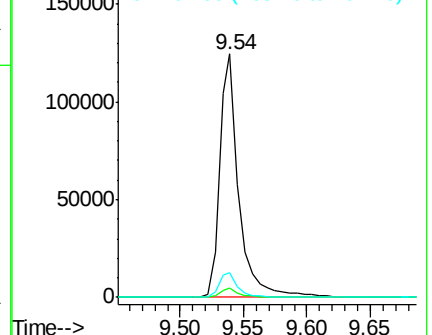
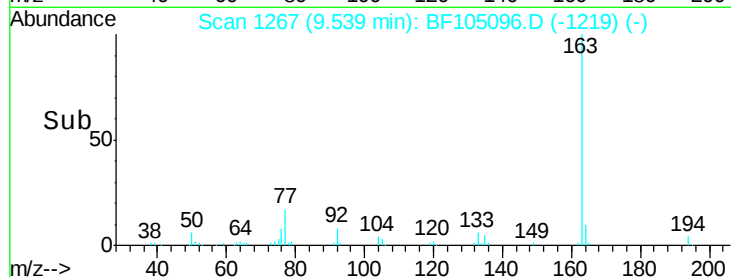
164 10.1 8.2 12.2



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: BF105096.D

Acq: 4 May 2018 1:53

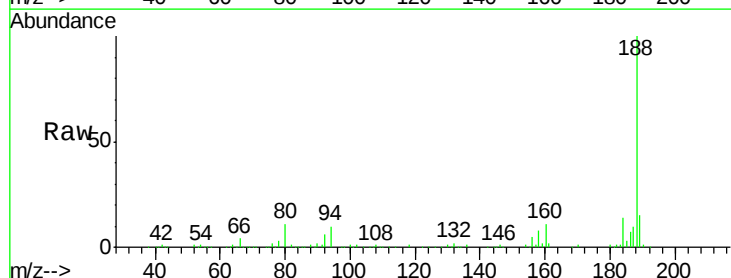
Tgt Ion:188 Resp: 297103

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

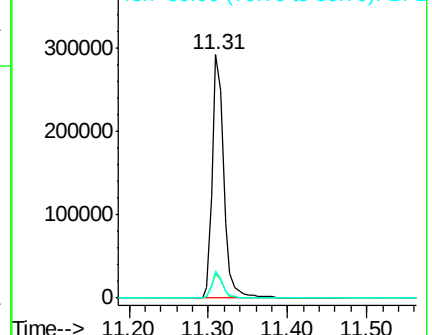
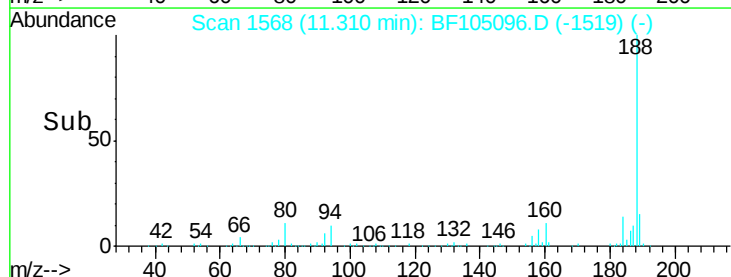
80 11.4 9.2 13.8

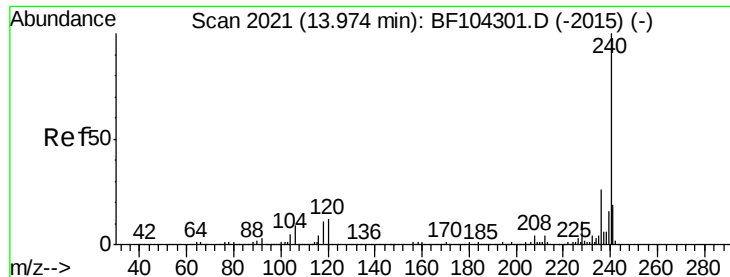


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.00 min Scan# 2026

Delta R.T. -0.03 min

Lab File: BF105096.D

Acq: 4 May 2018 1:53

Instrument :

BNA_F

ClientSampleId :

EPE-MX-4(120-122)

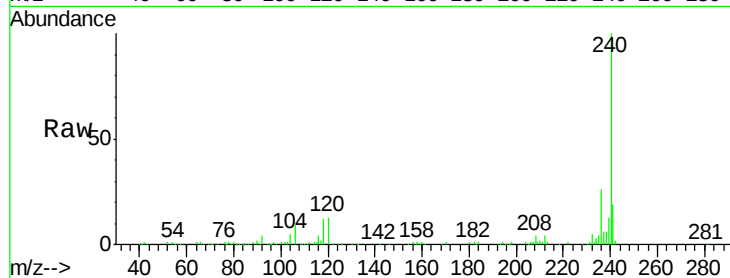
Tot Ion:240 Resp: 190603

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

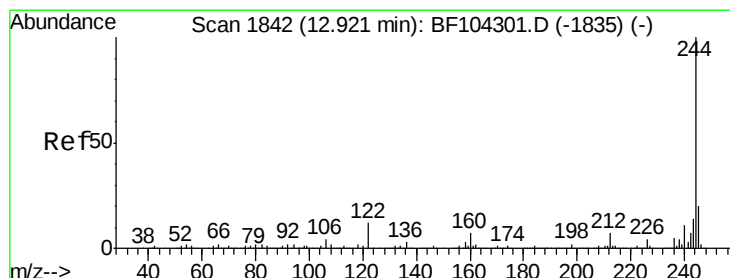
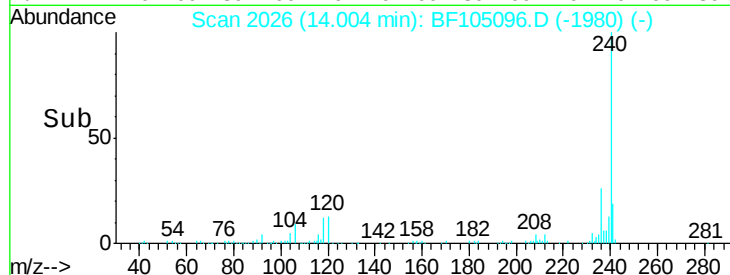
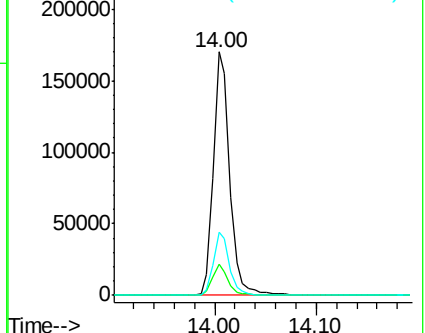
236 25.8 20.7 31.1



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: 89.827 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF105096.D

Acq: 4 May 2018 1:53

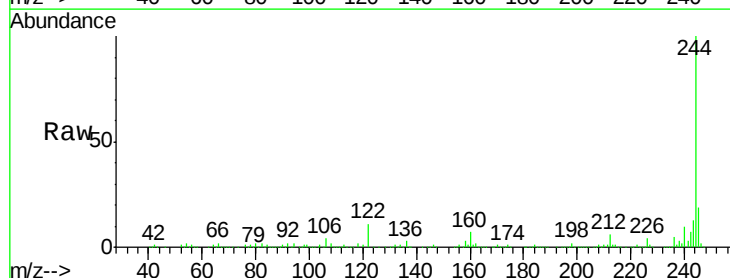
Tgt Ion:244 Resp: 750994

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

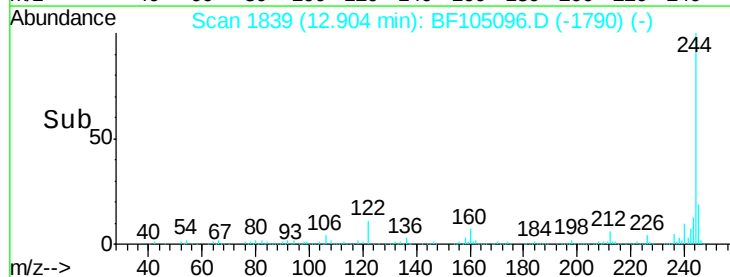
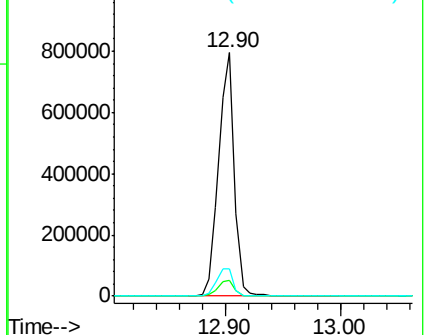
122 11.2 11.0 16.4

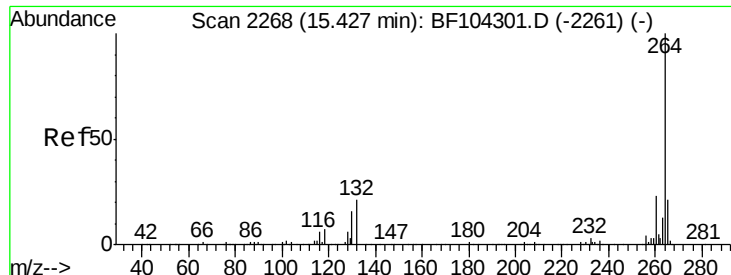


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

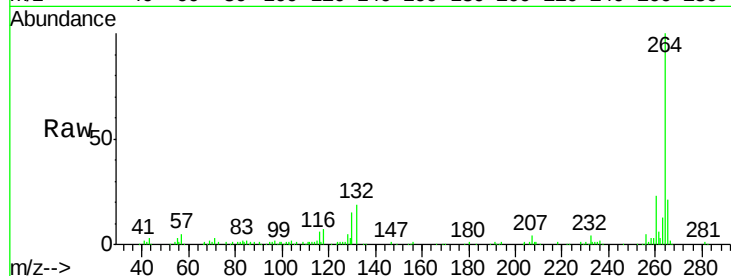




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.03 min
Lab File: BF105096.D
Acq: 4 May 2018 1:53

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(120-122)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.6	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

