

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104995.D
 Acq On : 1 May 2018 20:20
 Operator : JU/SJ
 Sample : J2626-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-MX-4(100-102)

Quant Time: May 02 07:29:18 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

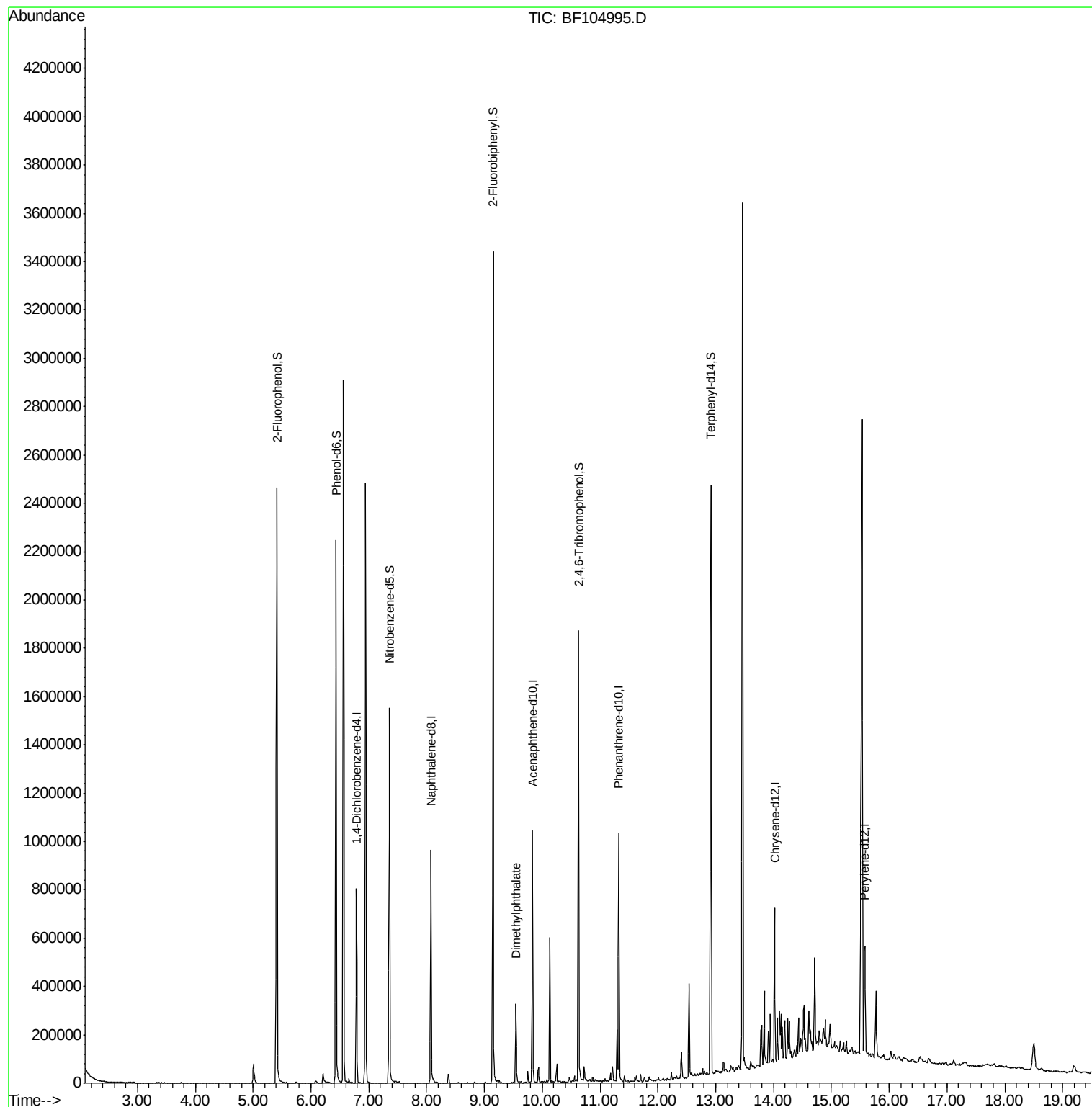
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	112255	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	476002	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	218864	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	359620	20.00	ng	0.00
75) Chrysene-d12	14.02	240	234016	20.00	ng	0.05
86) Perylene-d12	15.58	264	206222	20.00	ng	0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	820050	111.70	ng	0.00
7) Phenol-d6	6.43	99	1022915	113.40	ng	0.00
23) Nitrobenzene-d5	7.36	82	630573	86.50	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	249067	109.70	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1062971	76.72	ng	0.00
78) Terphenyl-d14	12.92	244	826628	80.53	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	136995	7.938	ng	Qvalue 100

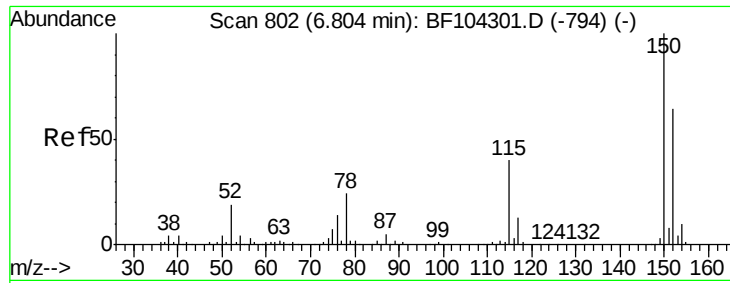
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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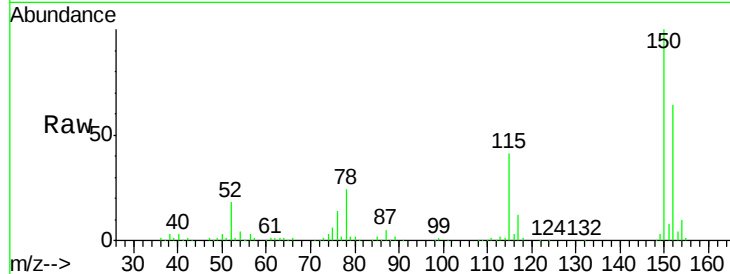


#1

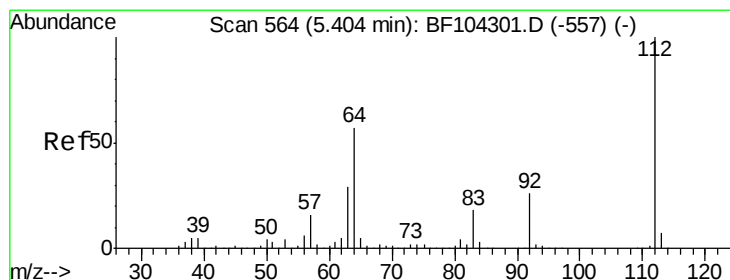
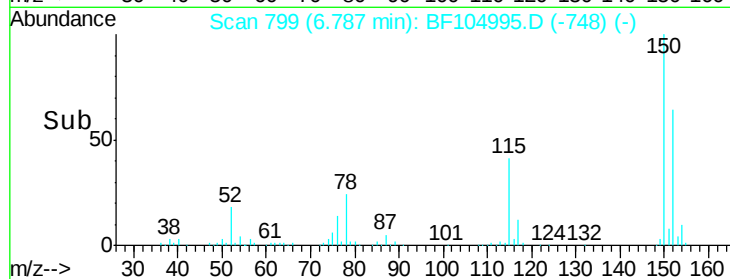
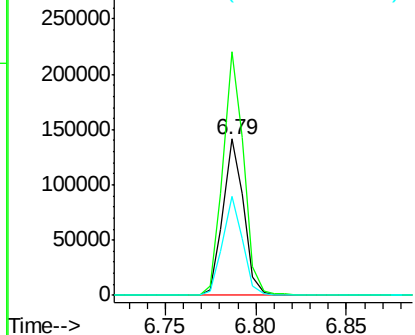
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF104995.D
Acq: 1 May 2018 20:20

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(100-102)

Tgt Ion:152 Resp: 112255
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 63.4 50.1 75.1



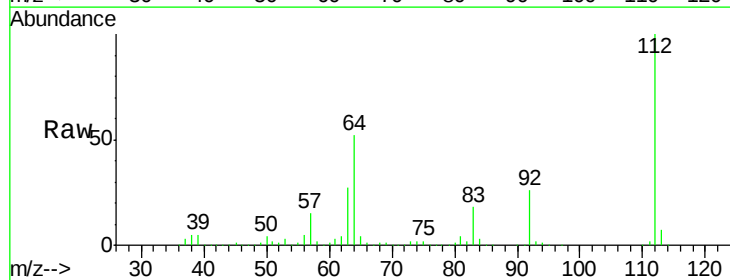
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



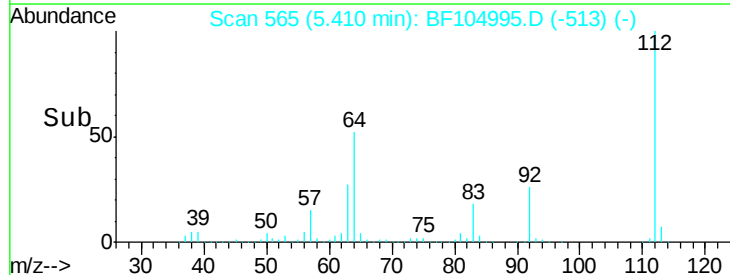
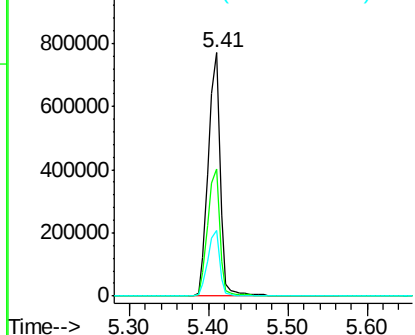
#5

2-Fluorophenol
Concen: 111.701 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104995.D
Acq: 1 May 2018 20:20

Tgt Ion:112 Resp: 820050
Ion Ratio Lower Upper
112 100
64 52.3 47.9 71.9
63 26.9 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: 113.402 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF104995.D

Acq: 1 May 2018 20:20

Instrument :

BNA_F

ClientSampleId :

EPE-MX-4(100-102)

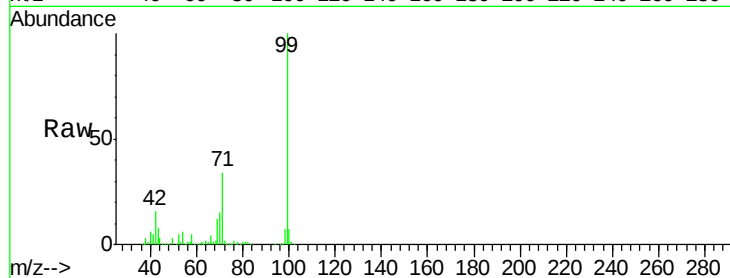
Tgt Ion: 99 Resp: 1022915

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

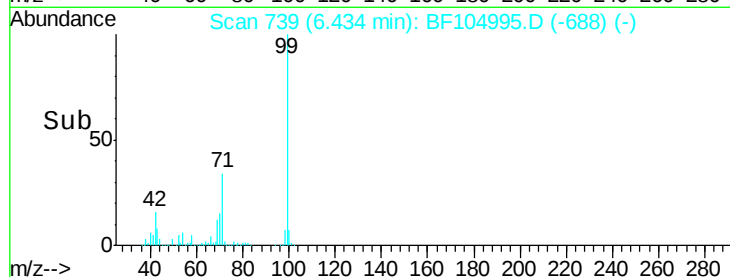
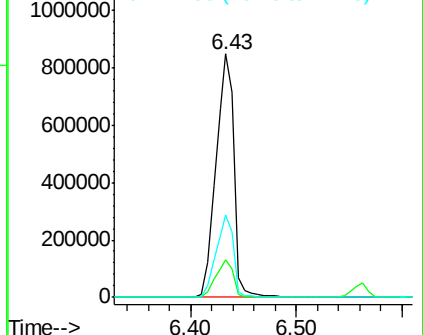
71 33.8 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF104995.D

Acq: 1 May 2018 20:20

Tgt Ion: 136 Resp: 476002

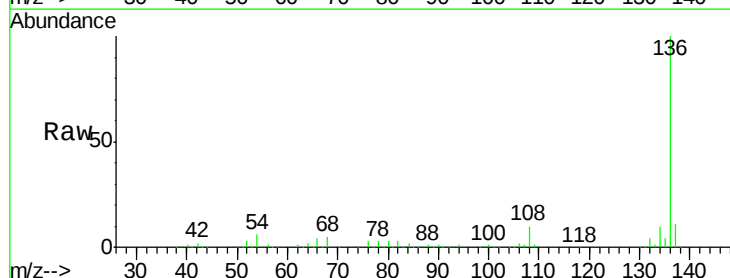
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 5.8 6.6 9.8#

68 5.4 5.0 7.4

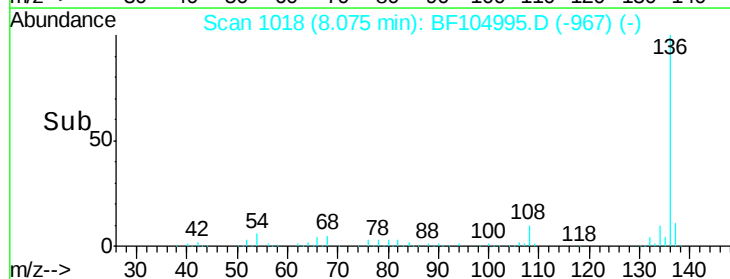
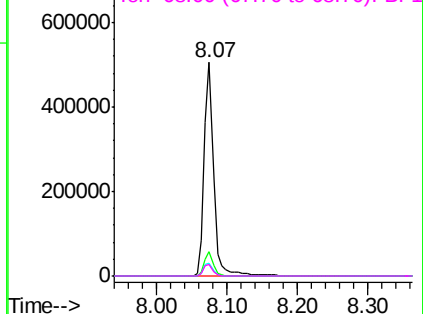


Abundance Ion 136.00 (135.70 to 136.70): E

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

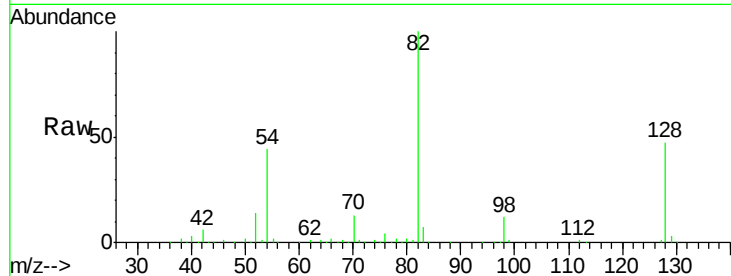




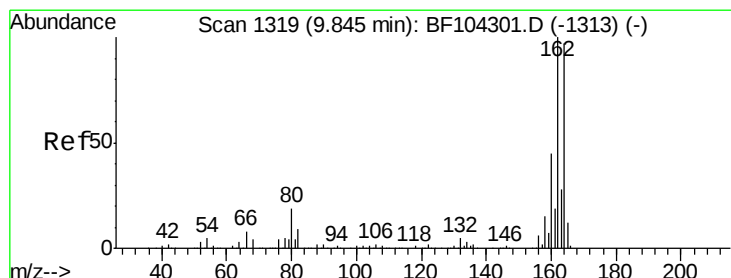
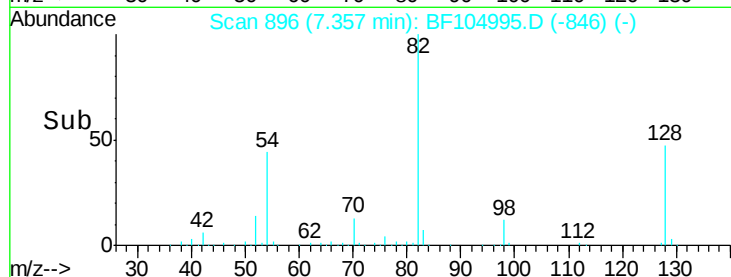
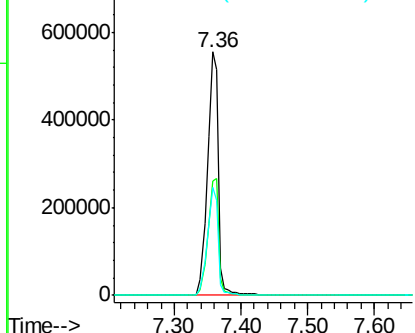
#23
 Nitrobenzene-d5
 Concen: 86.502 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF104995.D
 Acq: 1 May 2018 20:20

Instrument :
 BNA_F
 ClientSampleId :
 EPE-MX-4(100-102)

Tgt Ion: 82 Resp: 630573
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.1 54.1
 54 44.2 41.4 62.2

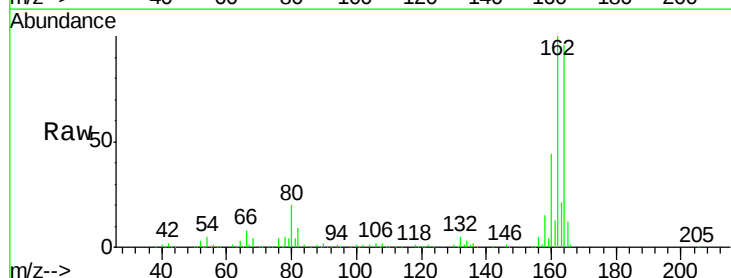


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

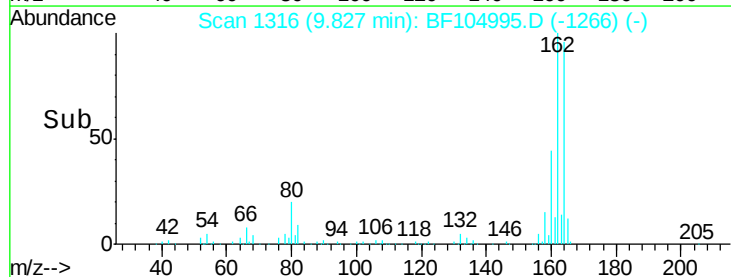
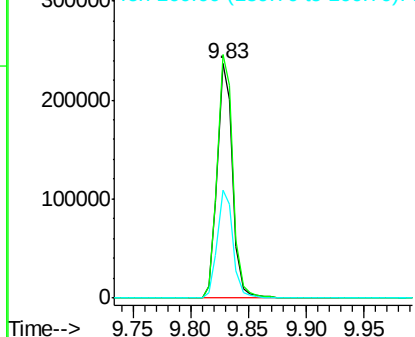


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF104995.D
 Acq: 1 May 2018 20:20

Tgt Ion: 164 Resp: 218864
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 46.0 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: 109.705 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF104995.D

Acq: 1 May 2018 20:20

Instrument :

BNA_F

ClientSampleId :

EPE-MX-4(100-102)

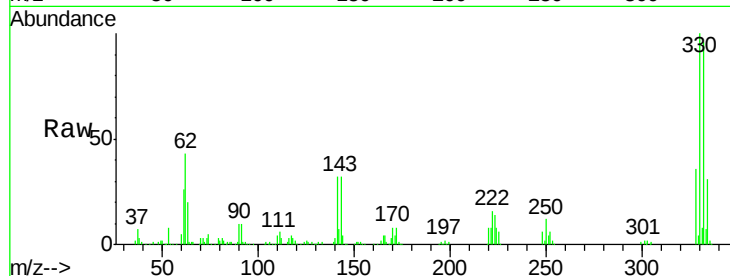
Tgt Ion:330 Resp: 249067

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

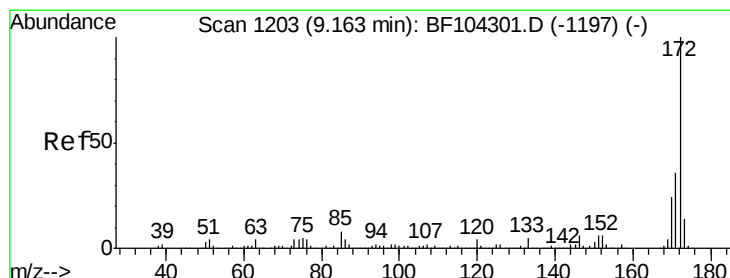
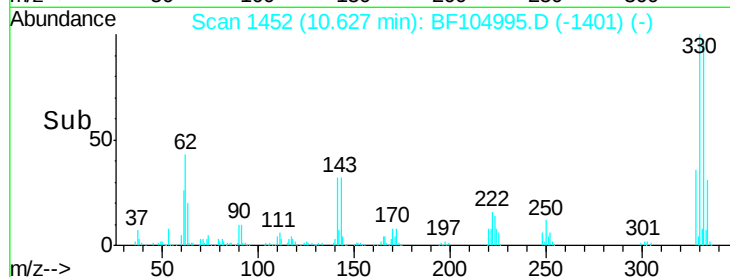
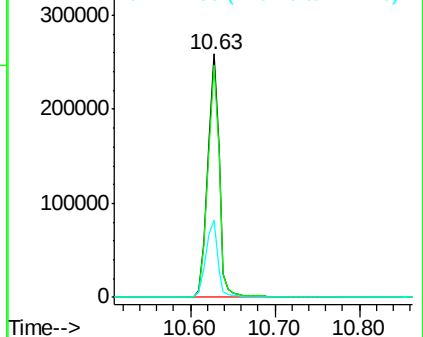
141 32.7 29.9 44.9



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: 76.725 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF104995.D

Acq: 1 May 2018 20:20

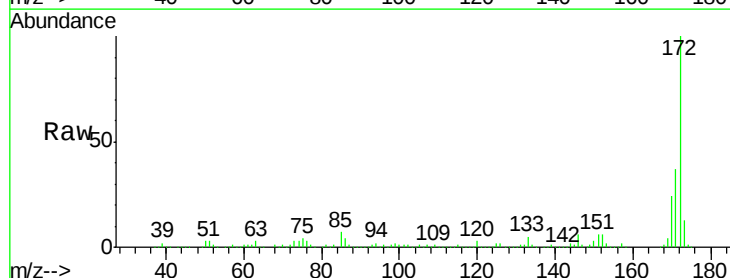
Tgt Ion:172 Resp: 1062971

Ion Ratio Lower Upper

172 100

171 37.0 29.7 44.5

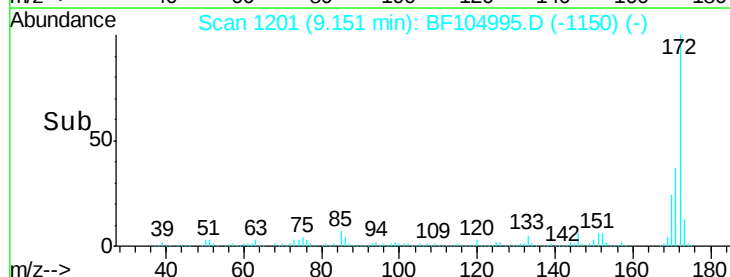
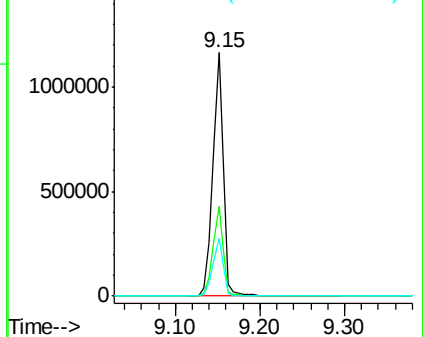
170 24.0 19.6 29.4

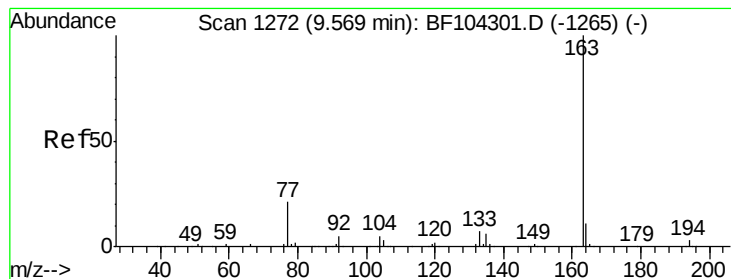


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 7.938 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF104995.D

Acq: 1 May 2018 20:20

Instrument :

BNA_F

ClientSampleId :

EPE-MX-4(100-102)

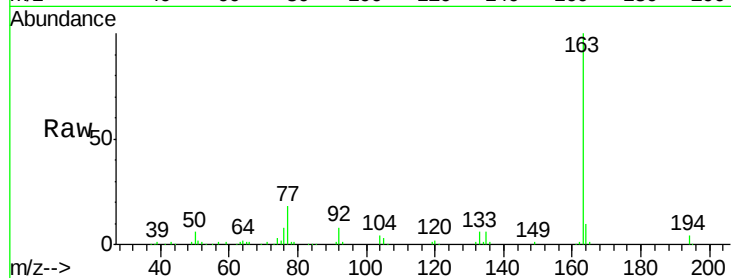
Tgt Ion:163 Resp: 136995

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

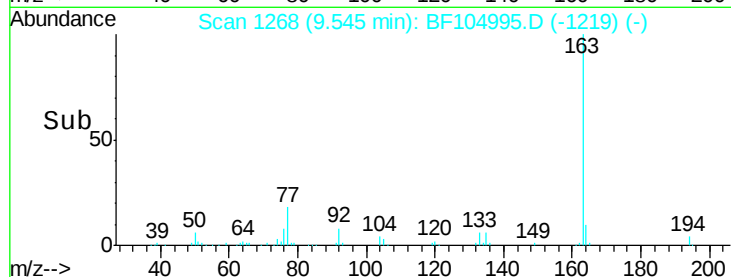
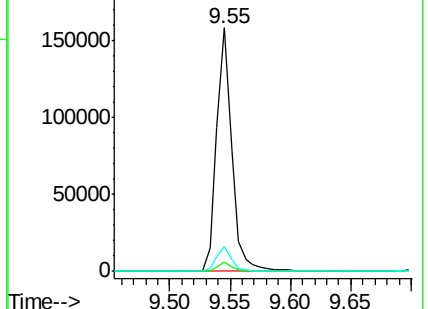
164 10.1 8.2 12.2



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: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF104995.D

Acq: 1 May 2018 20:20

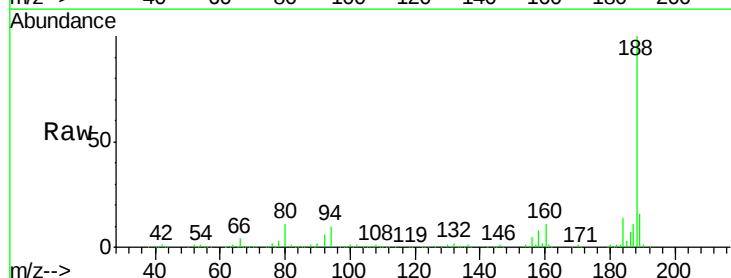
Tgt Ion:188 Resp: 359620

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

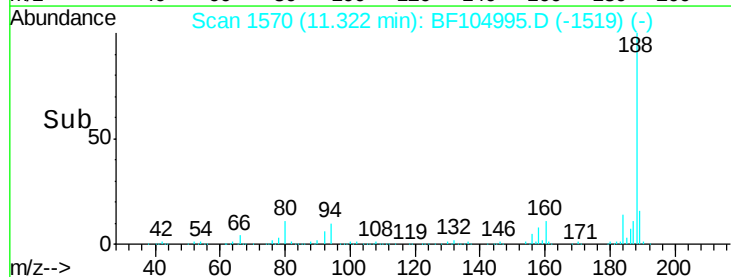
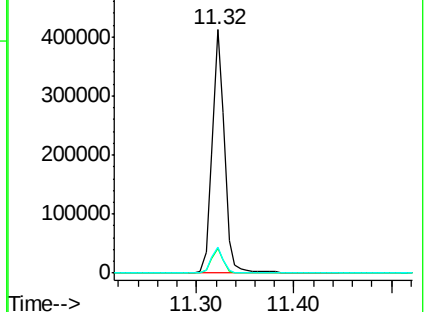
80 10.9 9.2 13.8

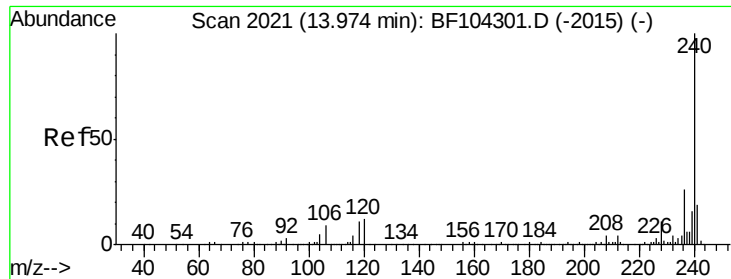


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

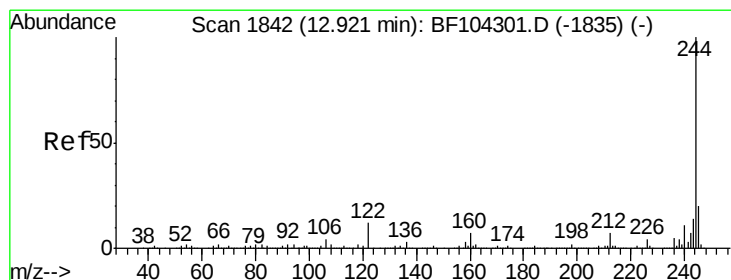
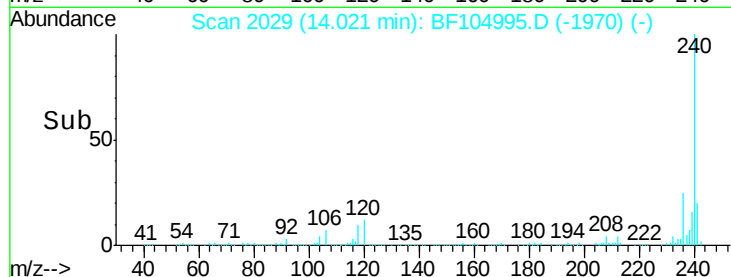
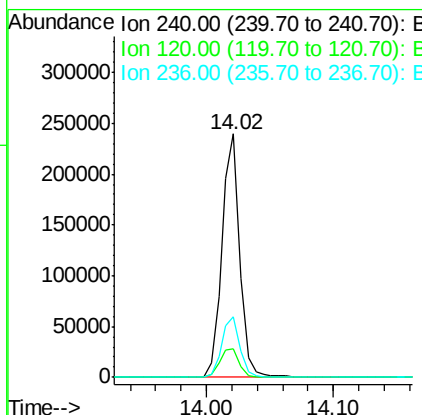
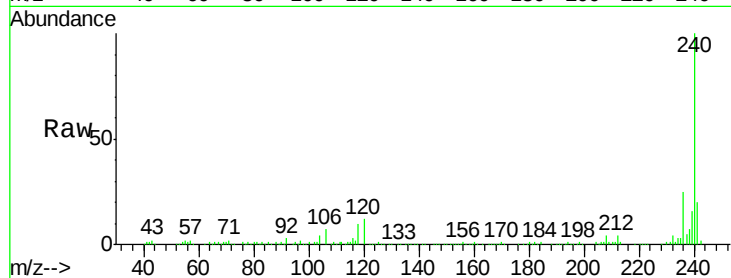




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.05 min
Lab File: BF104995.D
Acq: 1 May 2018 20:20

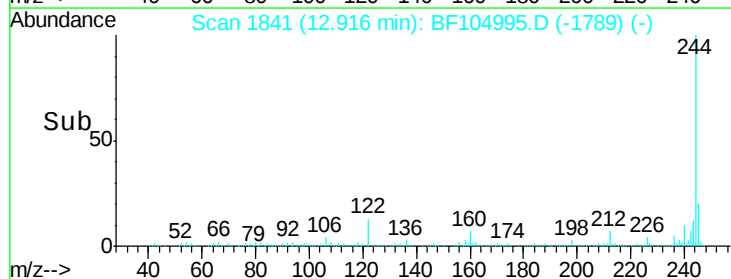
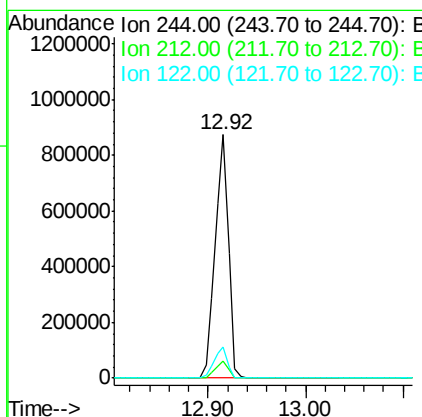
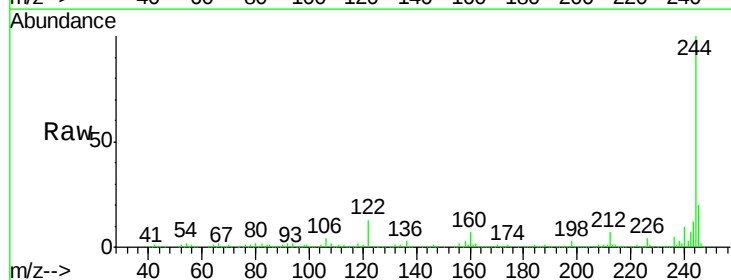
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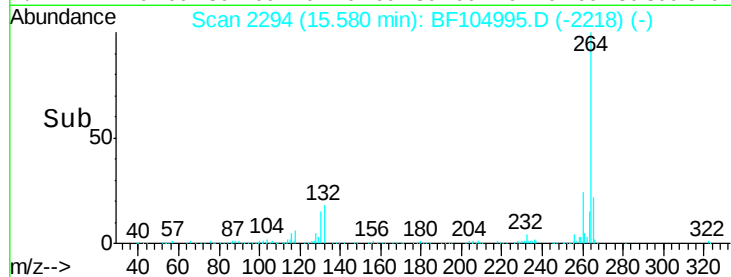
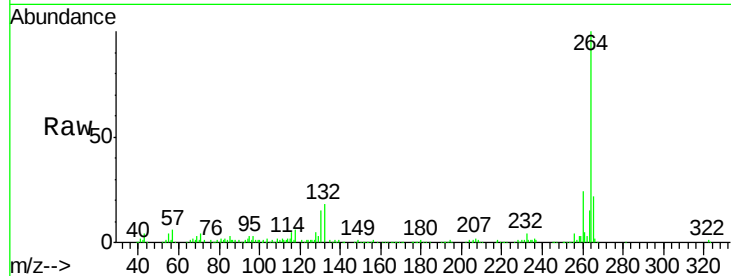
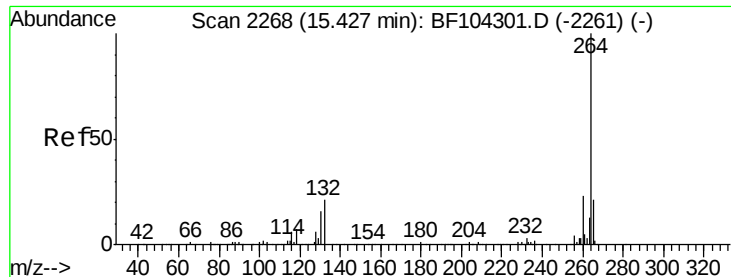
Tgt Ion:240 Resp: 234016
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 24.9 20.7 31.1



#78
Terphenyl-d14
Concen: 80.532 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BF104995.D
Acq: 1 May 2018 20:20

Tgt Ion:244 Resp: 826628
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 12.6 11.0 16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.15 min
Lab File: BF104995.D
Acq: 1 May 2018 20:20

Instrument :
BNA_F
ClientSampleId :
EPE-MX-4(100-102)

Tgt Ion:	264	Resp:	206222
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.5	26.3

