

Data File : BF101847.D
Acq On : 2 Jan 2018 13:29
Operator : SJ/JU
Sample : I7100-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-105-1(5-10)

Quant Time: Jan 03 01:20:11 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	134908	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	518095	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	206317	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	307147	20.00	ng	0.00
75) Chrysene-d12	13.96	240	260010	20.00	ng	-0.01
86) Perylene-d12	15.43	264	269965	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	925415	102.18	ng	0.00
7) Phenol-d6	6.43	99	1099656	97.56	ng	0.00
23) Nitrobenzene-d5	7.35	82	673671	72.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	179692	90.39	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	965798	72.62	ng	0.00
78) Terphenyl-d14	12.89	244	636337	59.00	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.53	163	167252	10.08	ng	Qvalue 100

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

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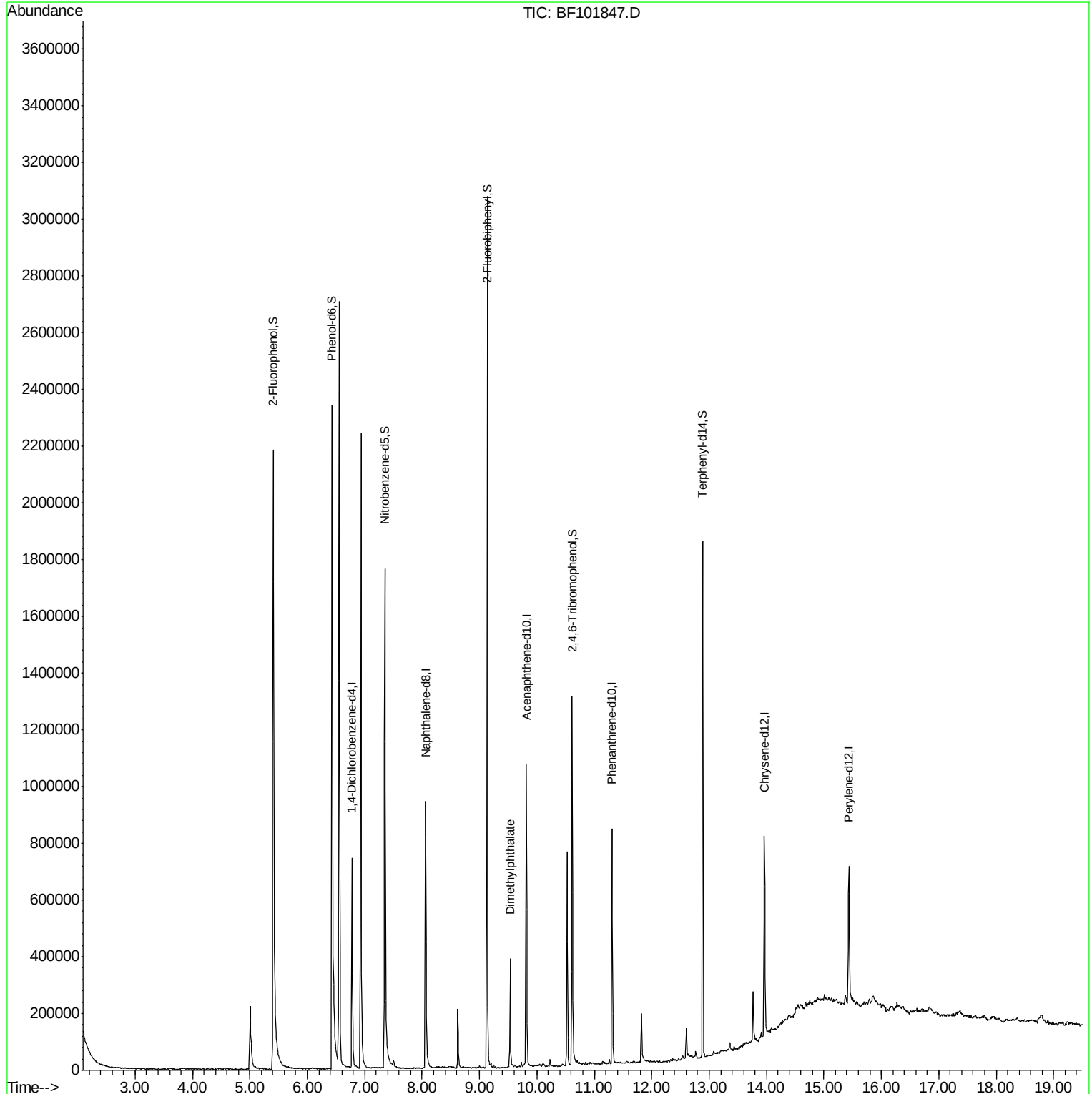
Quant Time: Jan 03 01:20:11 2018

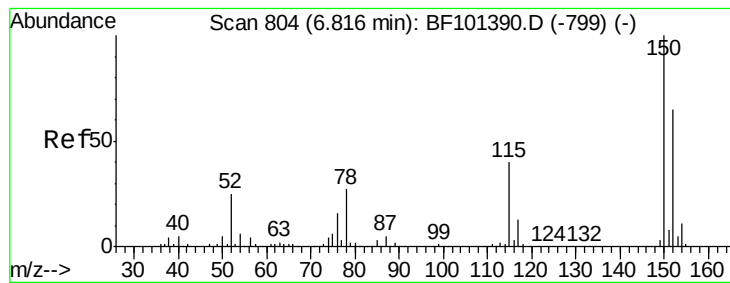
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 29 13:21:45 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF101847.D

Acq: 2 Jan 2018 13:29

Instrument :

BNA_F

ClientSampleId :

EPE-105-1(5-10)

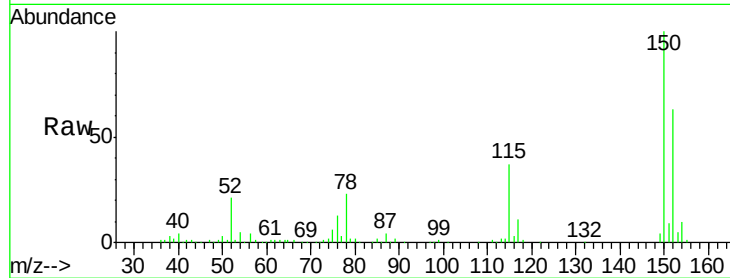
Tgt Ion:152 Resp: 134908

Ion Ratio Lower Upper

152 100

150 158.6 124.6 186.8

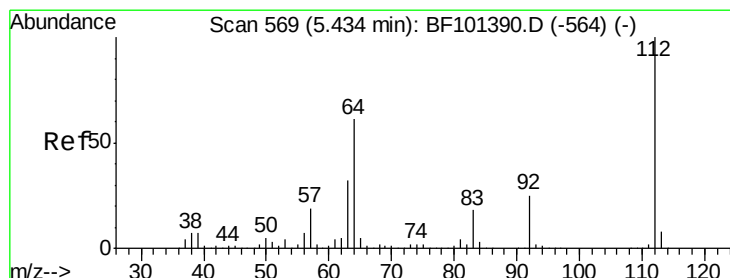
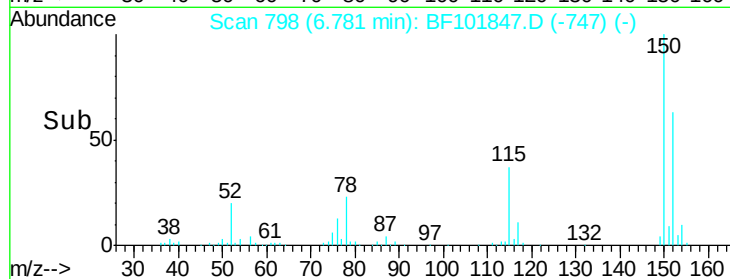
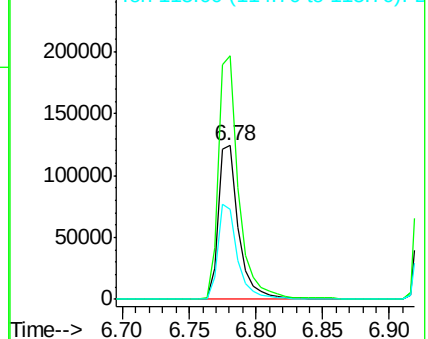
115 59.1 50.1 75.1



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: 102.18 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF101847.D

Acq: 2 Jan 2018 13:29

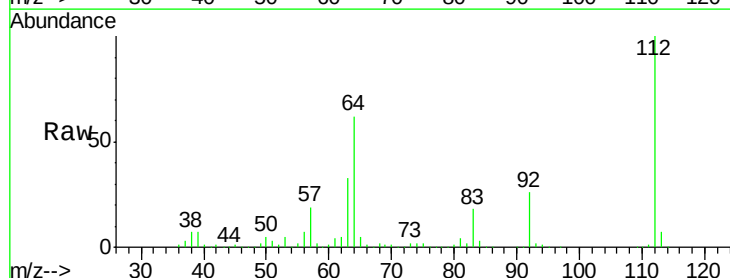
Tgt Ion:112 Resp: 925415

Ion Ratio Lower Upper

112 100

64 62.3 47.9 71.9

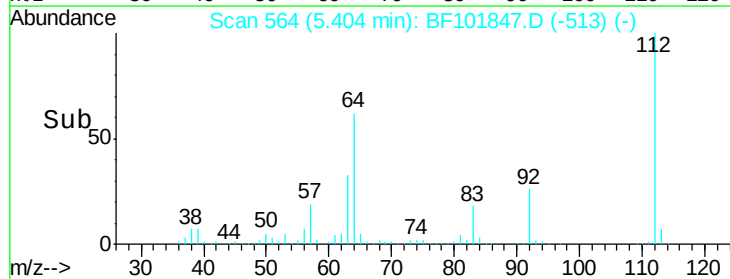
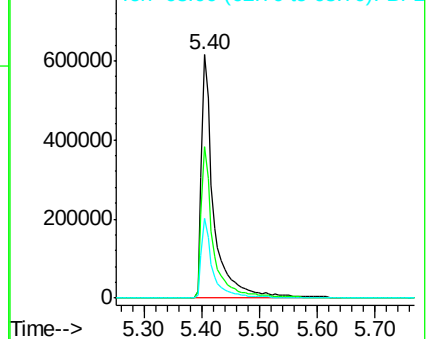
63 32.6 23.7 35.5

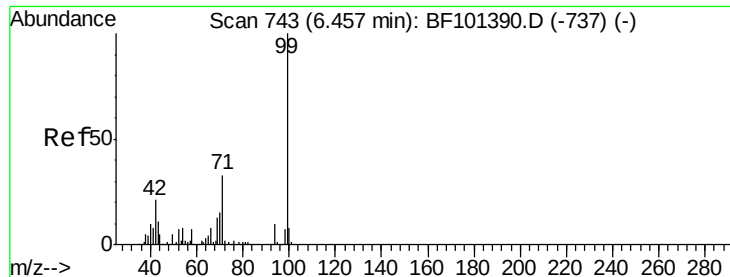


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 97.56 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101847.D

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ClientSampleId :

EPE-105-1(5-10)

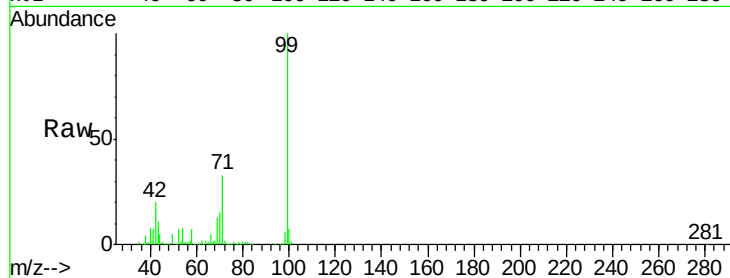
Tgt Ion: 99 Resp: 1099656

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

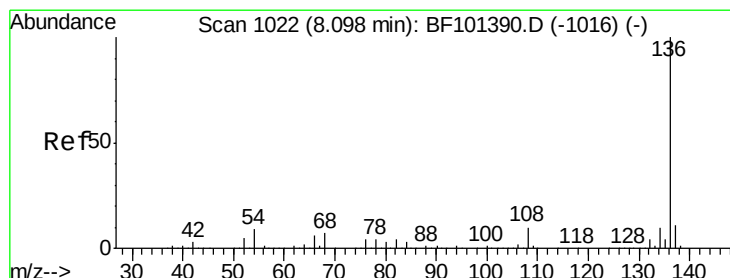
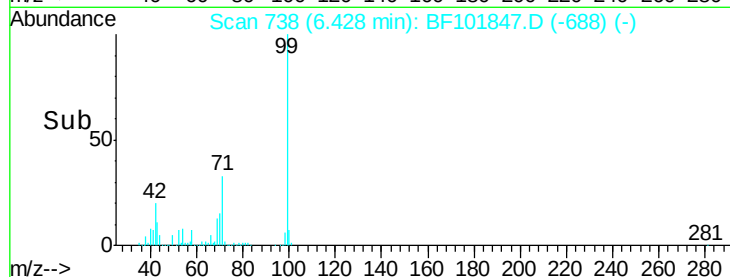
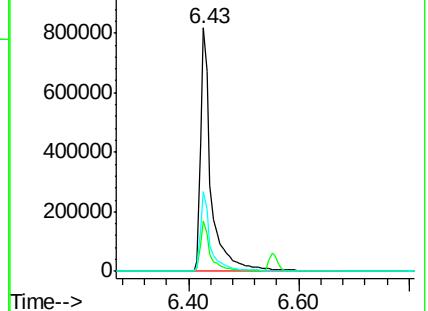
71 33.0 25.4 38.0



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: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF101847.D

Acq: 2 Jan 2018 13:29

Tgt Ion: 136 Resp: 518095

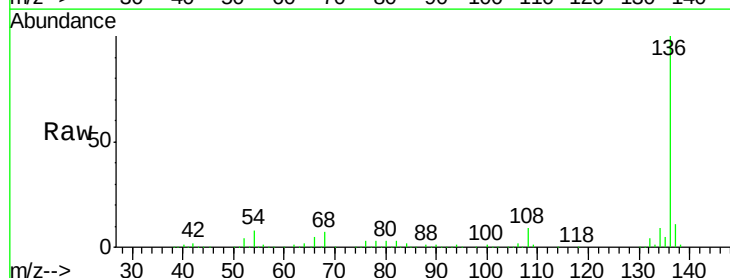
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.3 6.6 9.8

68 6.6 5.0 7.4

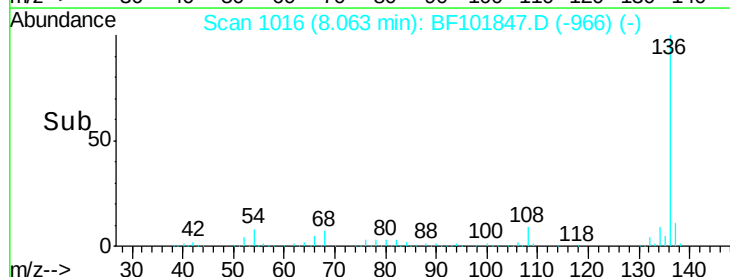
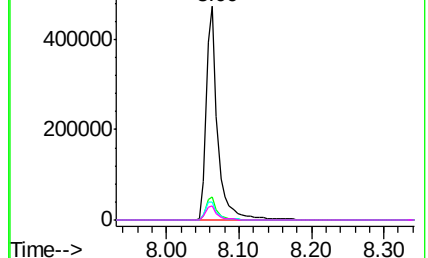


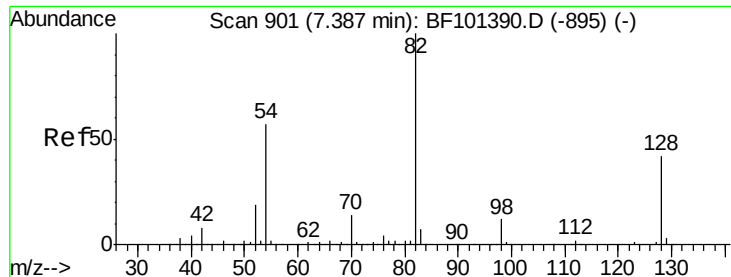
Abundance Ion 136.00 (135.70 to 136.70): E

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

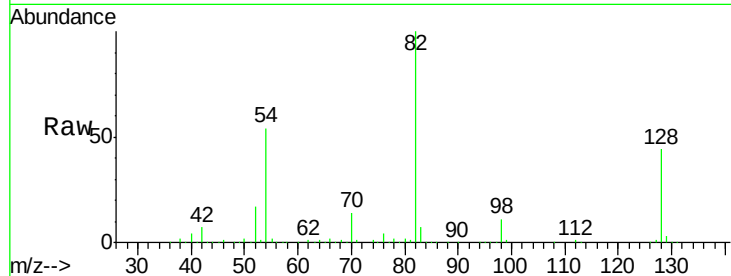




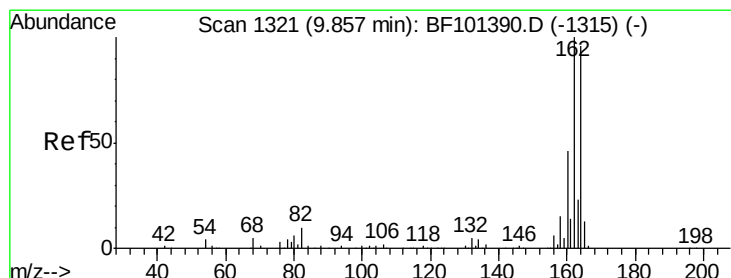
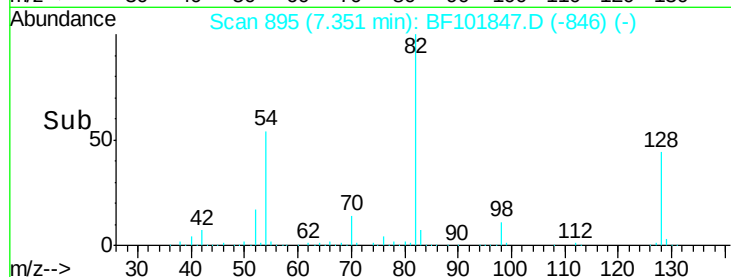
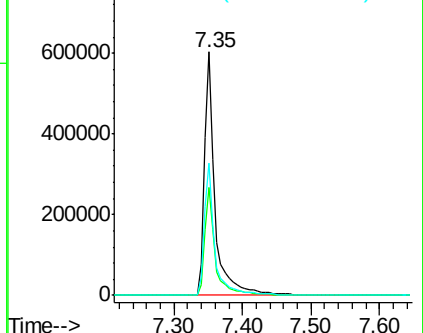
#23
 Nitrobenzene-d5
 Concen: 72.38 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF101847.D
 Acq: 2 Jan 2018 13:29

Instrument :
 BNA_F
 ClientSampleId :
 EPE-105-1(5-10)

Tgt Ion: 82 Resp: 673671
 Ion Ratio Lower Upper
 82 100
 128 44.4 36.1 54.1
 54 54.5 41.4 62.2

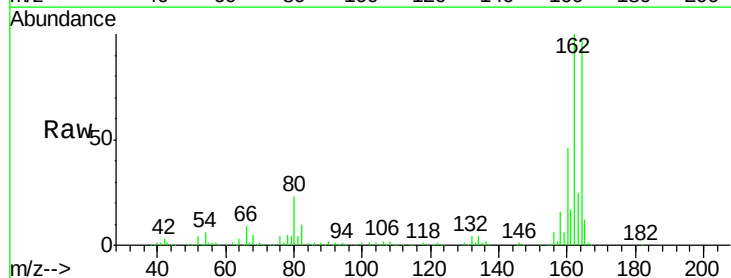


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

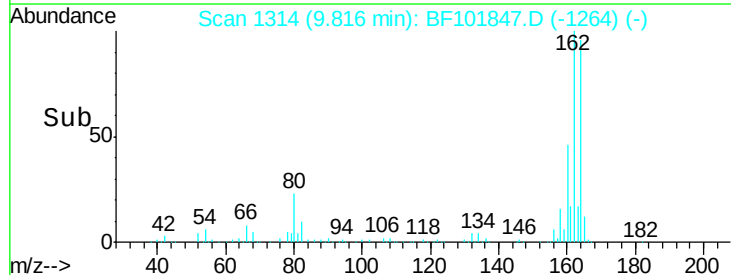
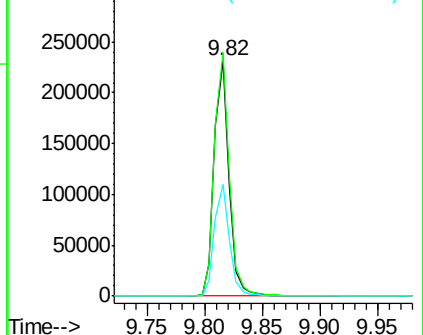


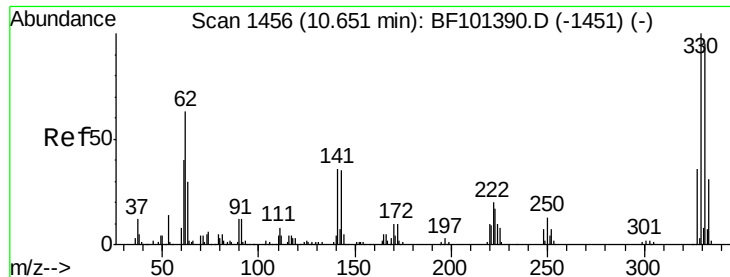
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF101847.D
 Acq: 2 Jan 2018 13:29

Tgt Ion: 164 Resp: 206317
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 47.4 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: 90.39 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF101847.D

Acq: 2 Jan 2018 13:29

Instrument :

BNA_F

ClientSampleId :

EPE-105-1(5-10)

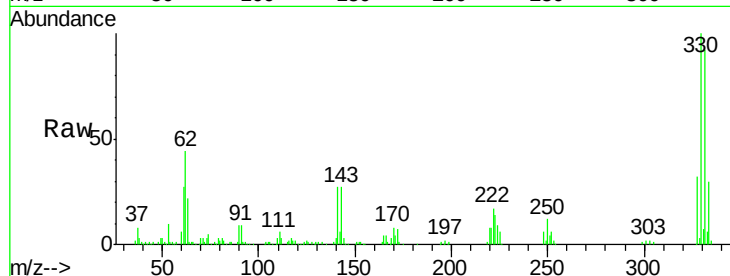
Tgt Ion:330 Resp: 179692

Ion Ratio Lower Upper

330 100

332 94.2 77.0 115.6

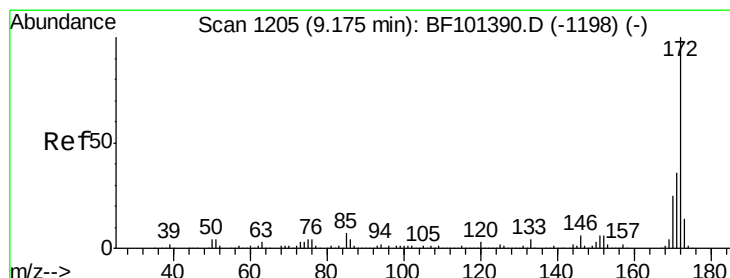
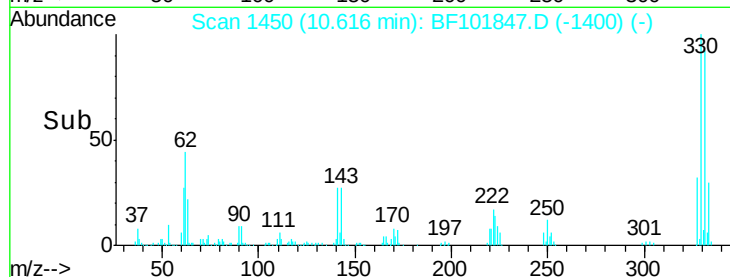
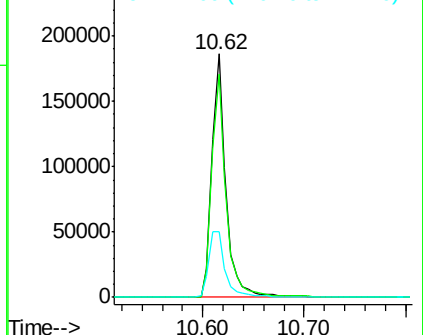
141 31.8 29.9 44.9



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: 72.62 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF101847.D

Acq: 2 Jan 2018 13:29

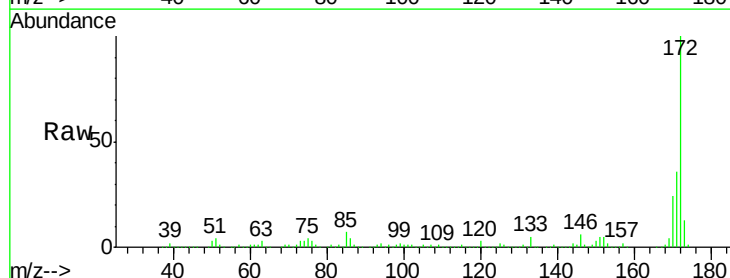
Tgt Ion:172 Resp: 965798

Ion Ratio Lower Upper

172 100

171 35.5 29.7 44.5

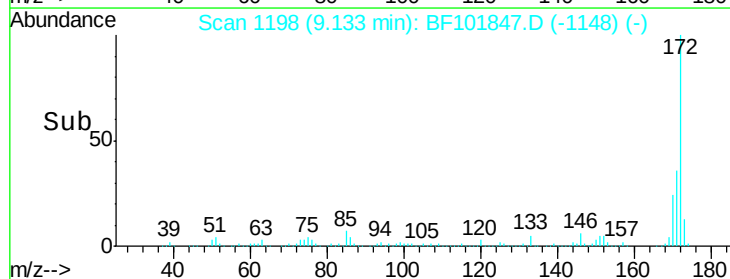
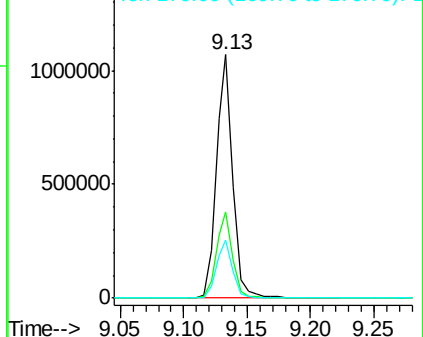
170 24.1 19.6 29.4

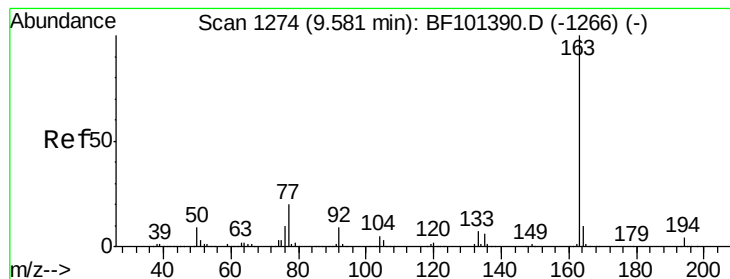


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 10.08 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BF101847.D

Acq: 2 Jan 2018 13:29

Instrument :

BNA_F

ClientSampleId :

EPE-105-1(5-10)

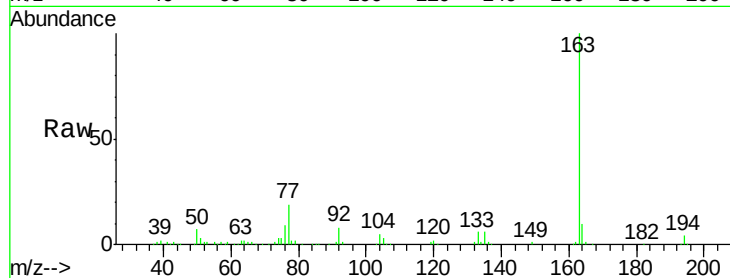
Tgt Ion:163 Resp: 167252

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

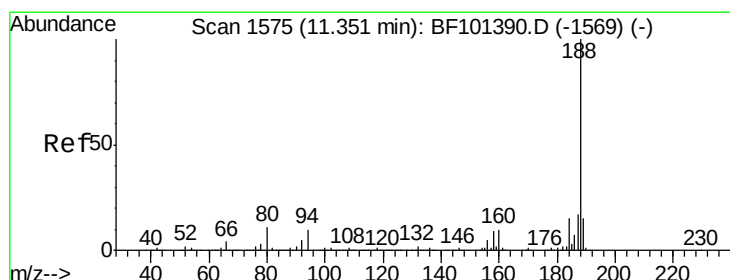
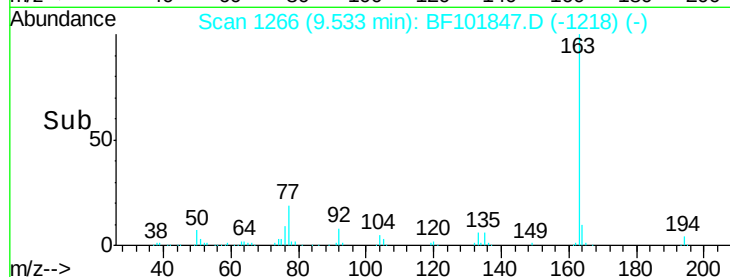
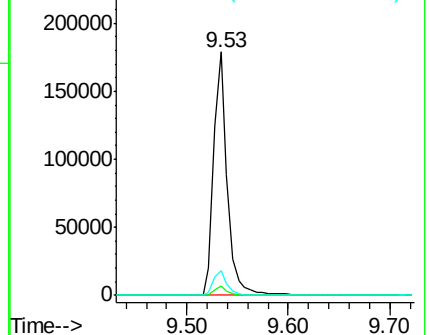
164 10.2 8.2 12.2



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: 20.00 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF101847.D

Acq: 2 Jan 2018 13:29

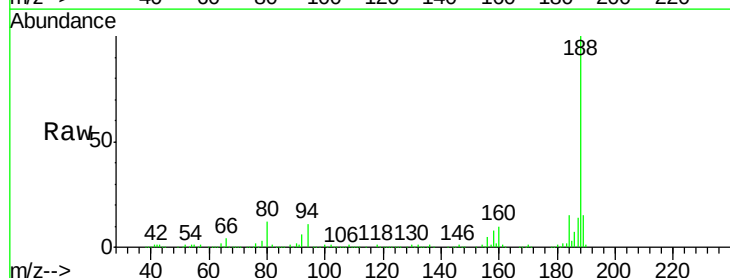
Tgt Ion:188 Resp: 307147

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

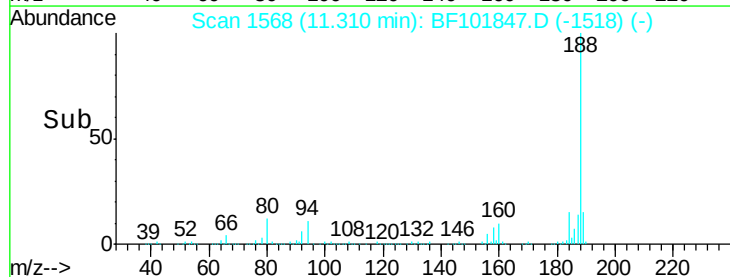
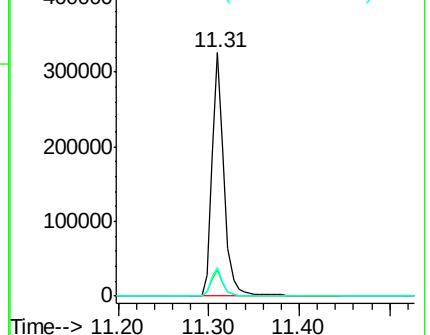
80 11.9 9.2 13.8

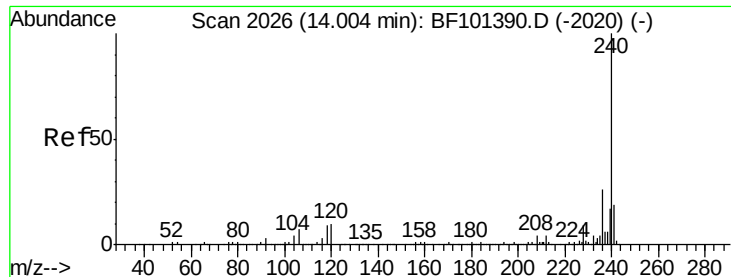


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101847.D

Acq: 2 Jan 2018 13:29

Instrument :

BNA_F

ClientSampleId :

EPE-105-1(5-10)

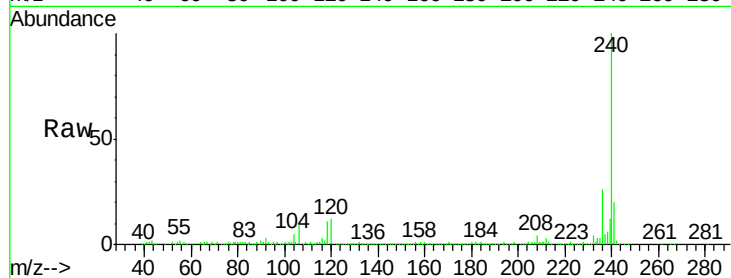
Tgt Ion:240 Resp: 260010

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

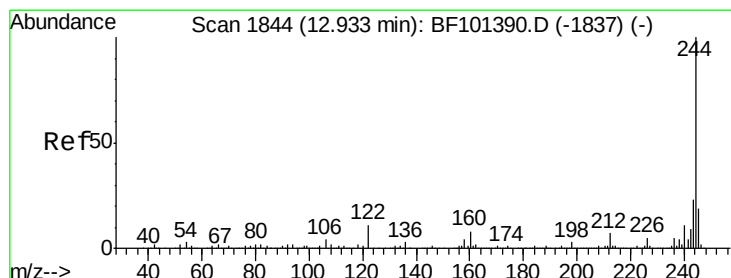
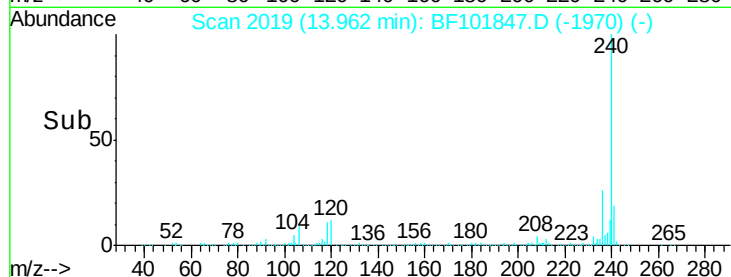
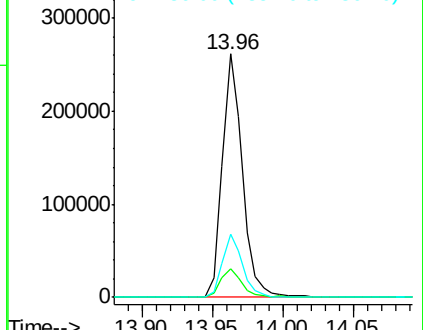
236 25.7 20.7 31.1



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: 59.00 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF101847.D

Acq: 2 Jan 2018 13:29

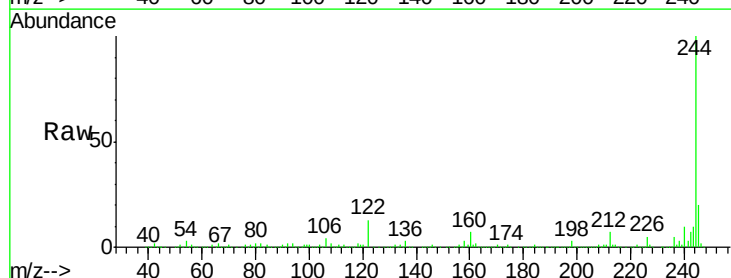
Tgt Ion:244 Resp: 636337

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

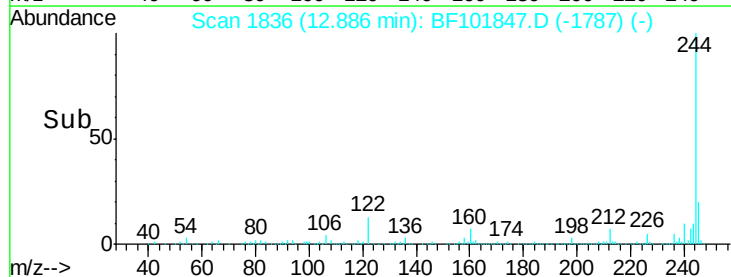
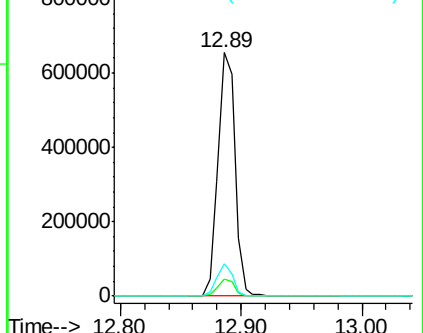
122 13.4 11.0 16.4

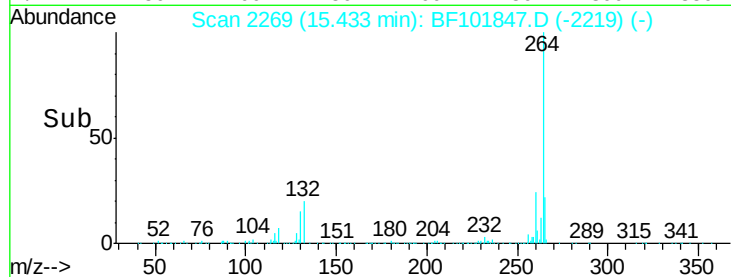
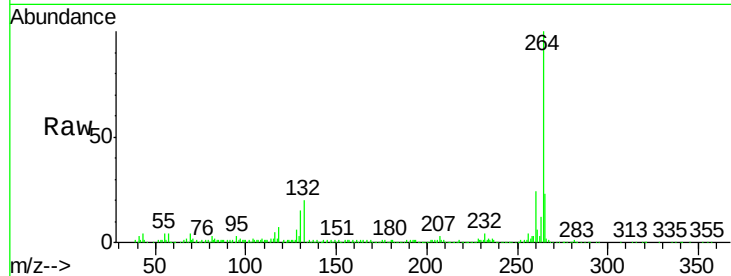
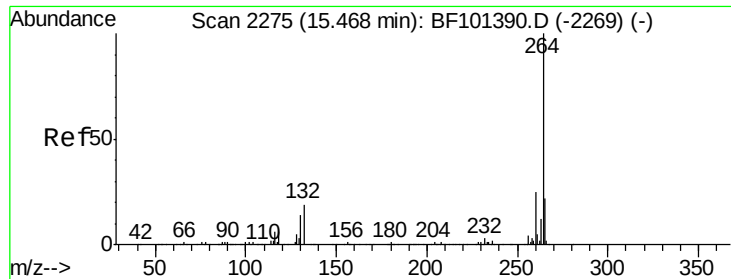


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF101847.D

Acq: 2 Jan 2018 13:29

Instrument :

BNA_F

ClientSampleId :

EPE-105-1(5-10)

Tgt Ion:264 Resp: 269965

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.7 17.5 26.3

