

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
 Data File : BF104414.D
 Acq On : 10 Apr 2018 17:40
 Operator : JU/SJ
 Sample : J2301-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)

Quant Time: Apr 10 18:25:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 12:04:31 2018
 Response via : Initial Calibration

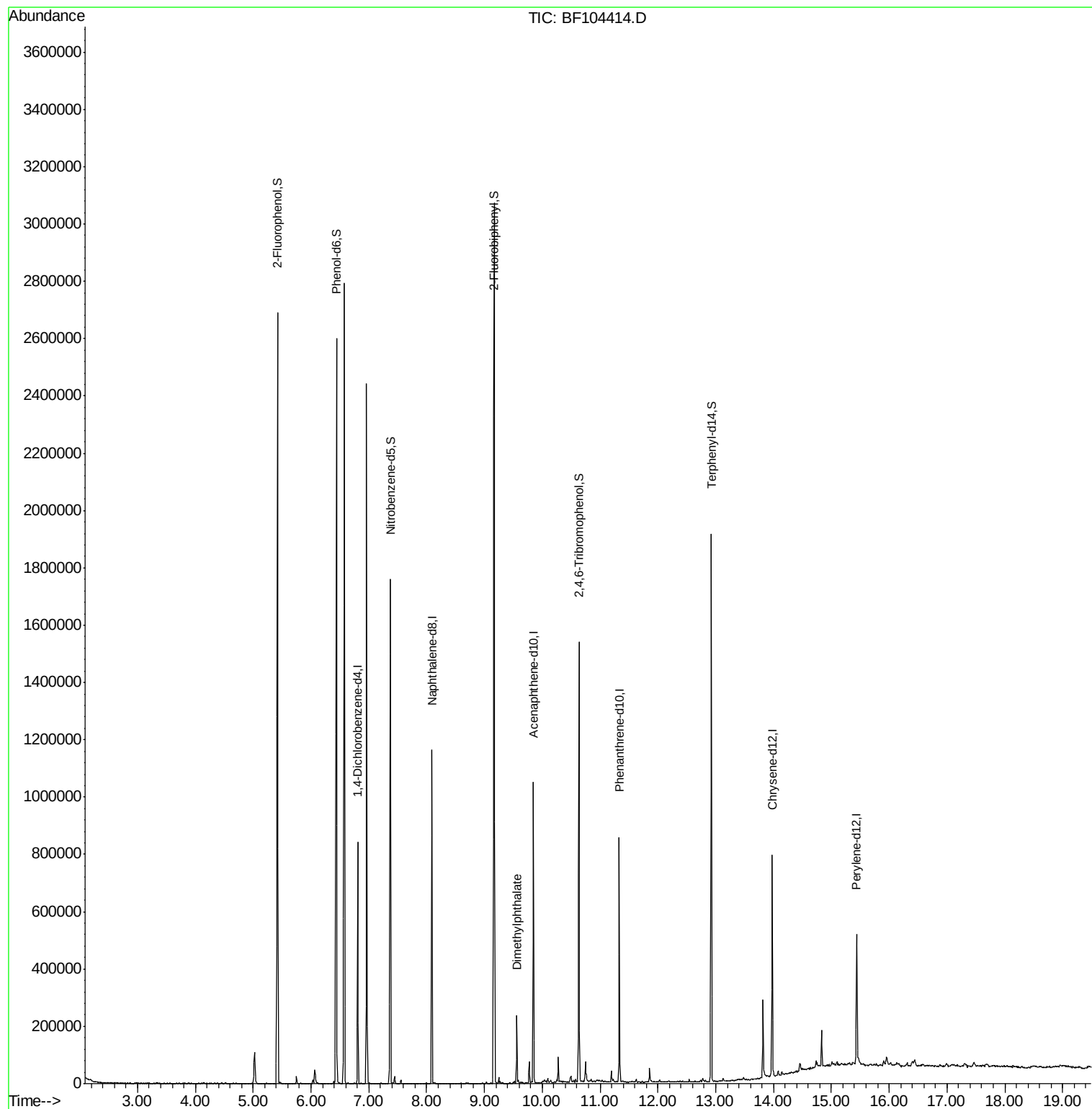
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	123599	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	475720	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	189555	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	275325	20.00	ng	0.00
75) Chrysene-d12	13.98	240	253142	20.00	ng	0.00
86) Perylene-d12	15.44	264	194381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	811588	100.40	ng	0.01
7) Phenol-d6	6.44	99	974923	98.16	ng	0.00
23) Nitrobenzene-d5	7.37	82	585961	80.43	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	176824	89.93	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	897262	74.78	ng	0.00
78) Terphenyl-d14	12.92	244	654945	58.99	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	88559	5.925	ng	Qvalue 100

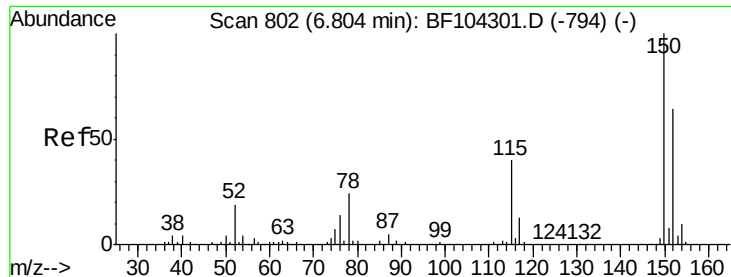
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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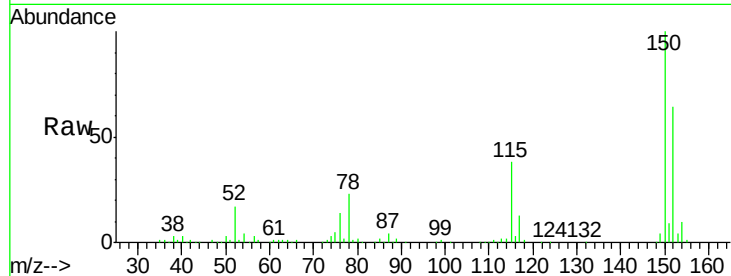


#1

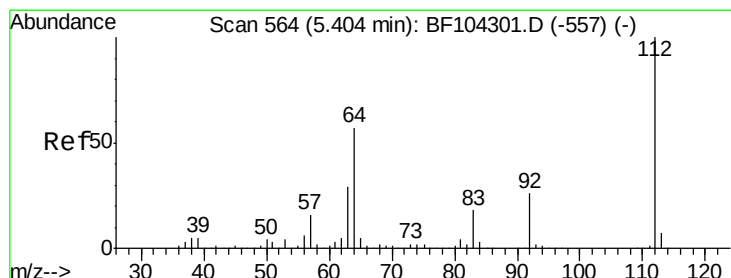
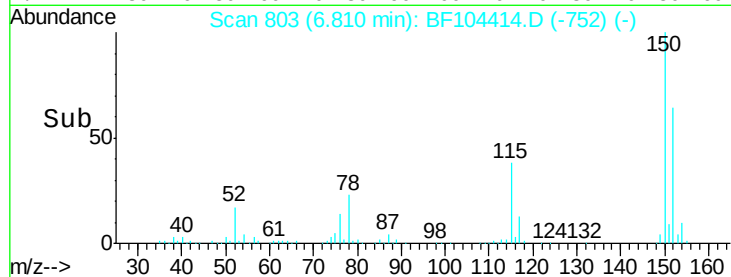
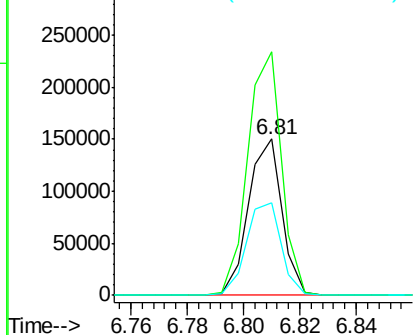
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104414.D
Acq: 10 Apr 2018 17:40

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	59.3	50.1	75.1



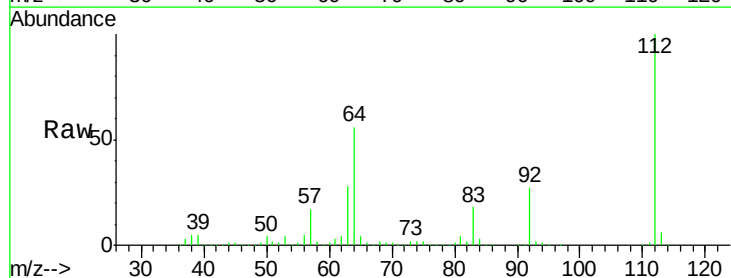
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



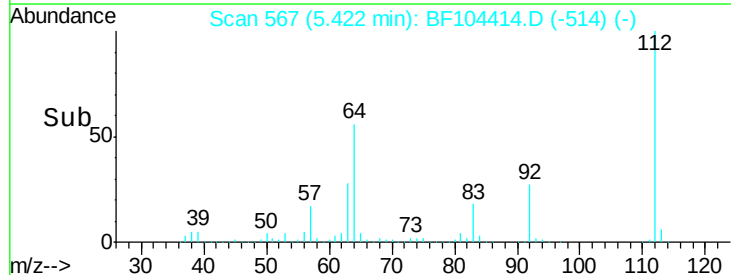
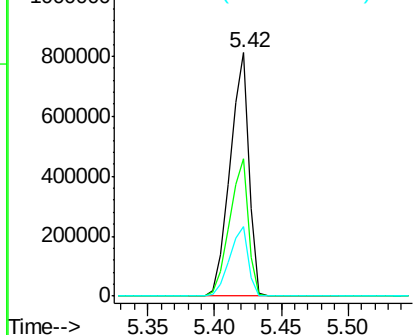
#5

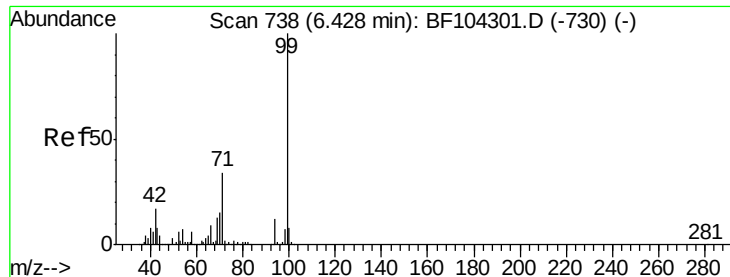
2-Fluorophenol
Concen: 100.402 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104414.D
Acq: 10 Apr 2018 17:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	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: 98.162 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF104414.D

Acq: 10 Apr 2018 17:40

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)

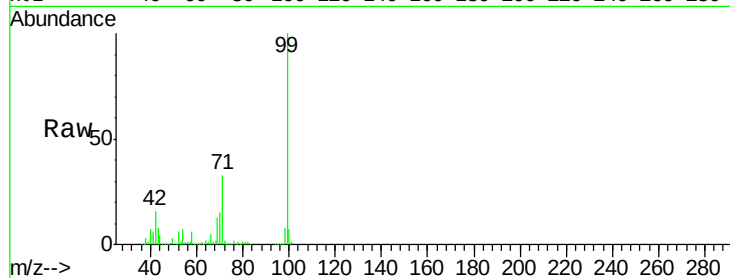
Tot Ion: 99 Resp: 974923

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

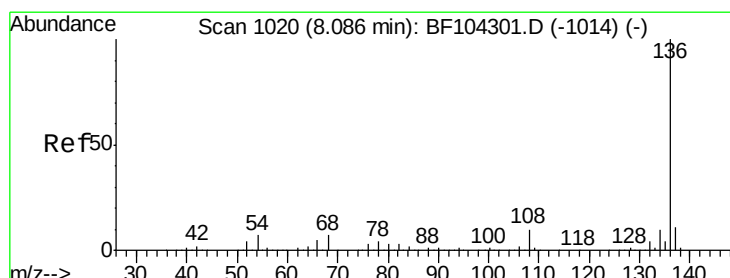
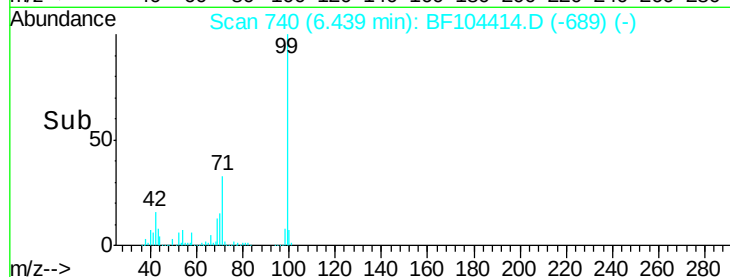
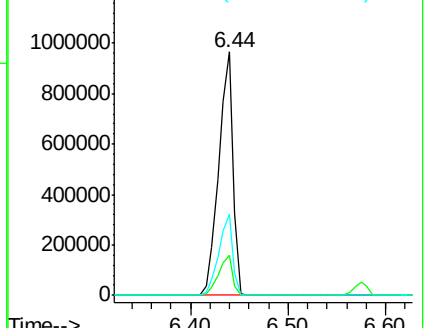
71 33.5 25.4 38.0



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: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF104414.D

Acq: 10 Apr 2018 17:40

Tgt Ion: 136 Resp: 475720

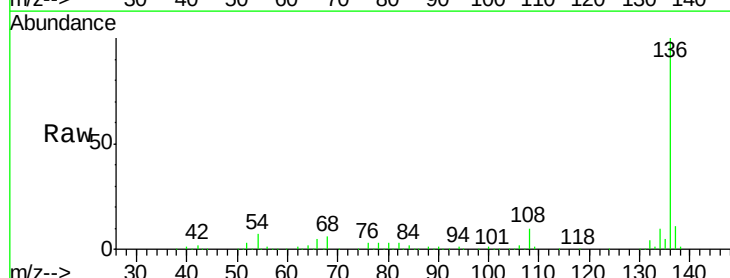
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.5 6.6 9.8#

68 5.9 5.0 7.4

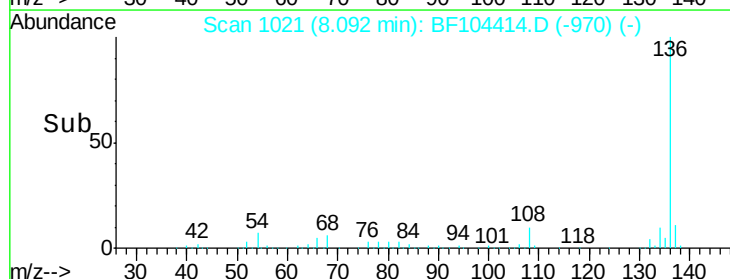
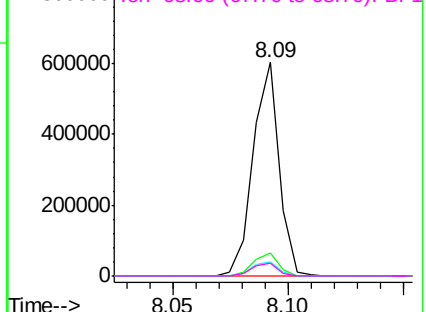


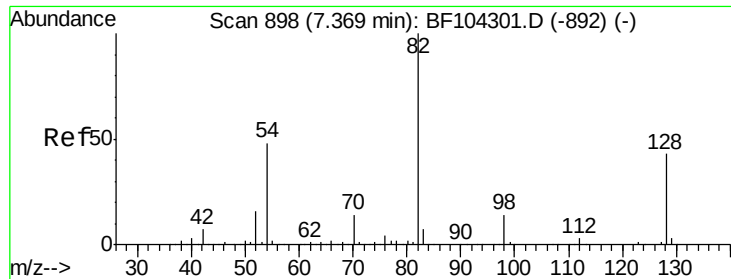
Abundance Ion 136.00 (135.70 to 136.70): E

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

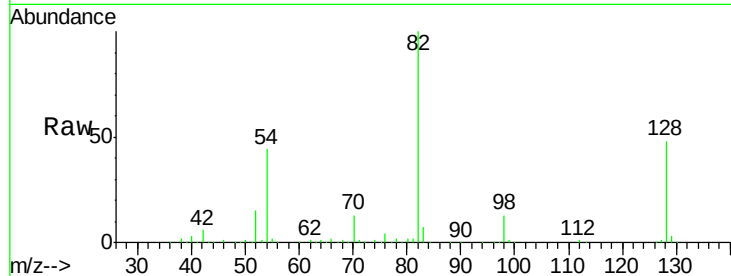




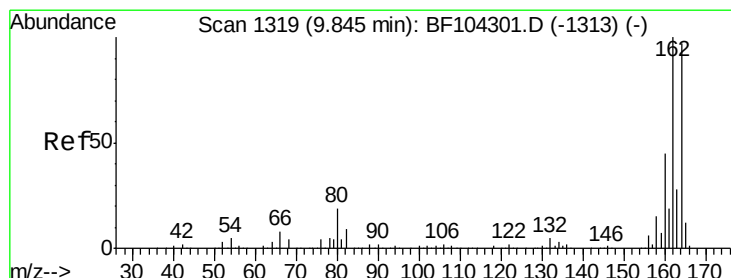
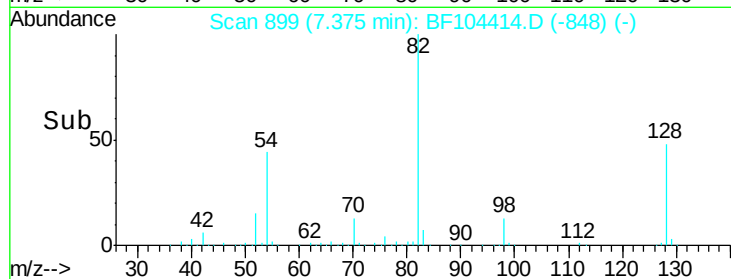
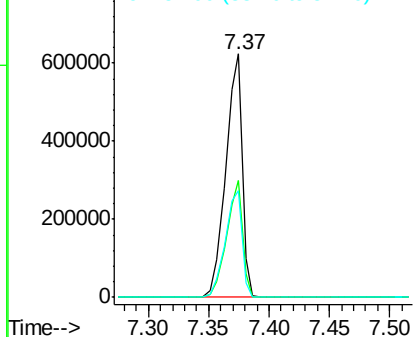
#23
 Nitrobenzene-d5
 Concen: 80.430 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BF104414.D
 Acq: 10 Apr 2018 17:40

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-6(0-5)

Tot Ion	82	Resp	585961
Ion Ratio	100	Lower	Upper
128	48.1	36.1	54.1
54	43.8	41.4	62.2

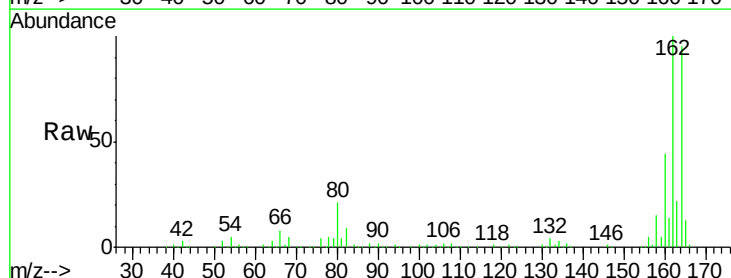


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

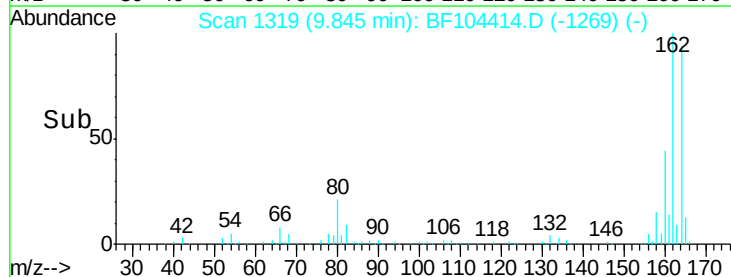
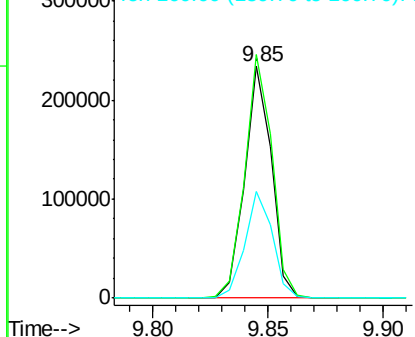


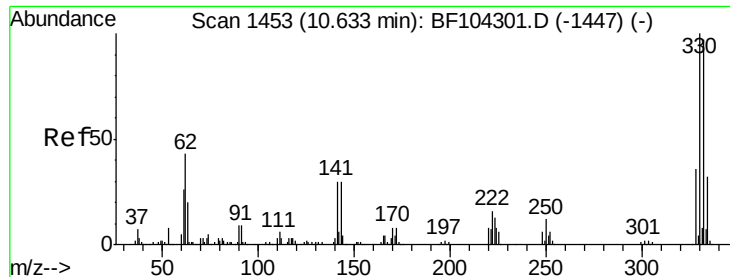
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF104414.D
 Acq: 10 Apr 2018 17:40

Tgt Ion	164	Resp	189555
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	105.1	86.1	129.1
160	45.8	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: 89.927 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF104414.D

Acq: 10 Apr 2018 17:40

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)

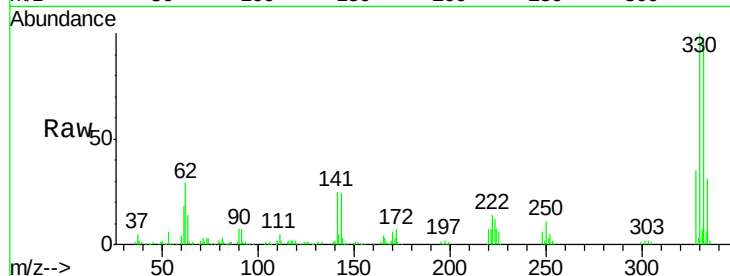
Tot Ion:330 Resp: 176824

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

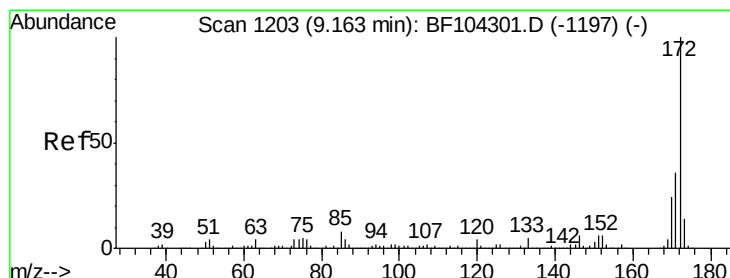
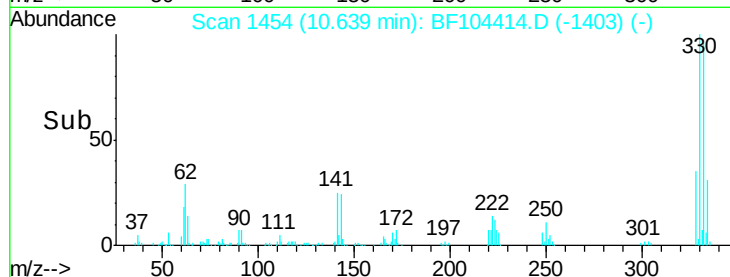
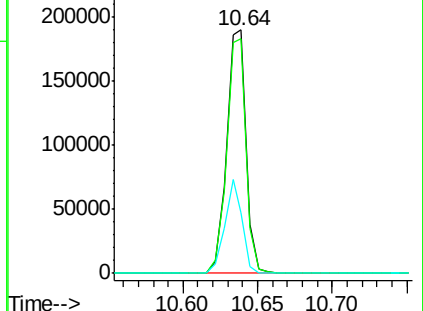
141 34.1 29.9 44.9



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: 74.778 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF104414.D

Acq: 10 Apr 2018 17:40

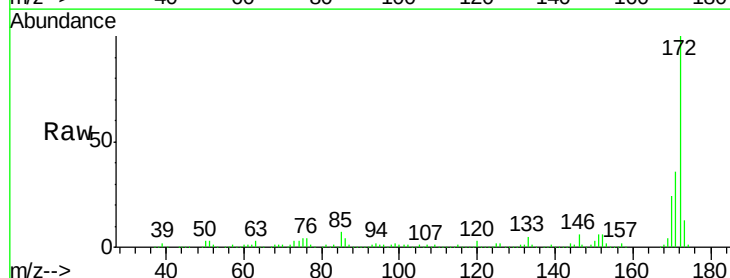
Tgt Ion:172 Resp: 897262

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

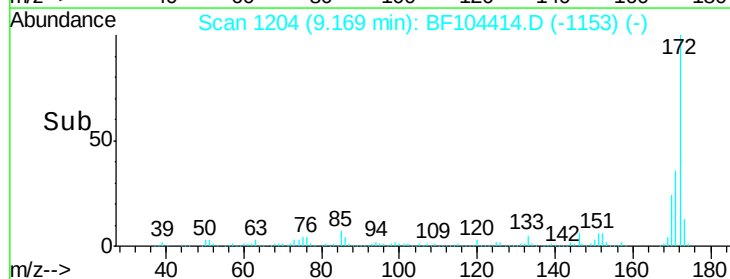
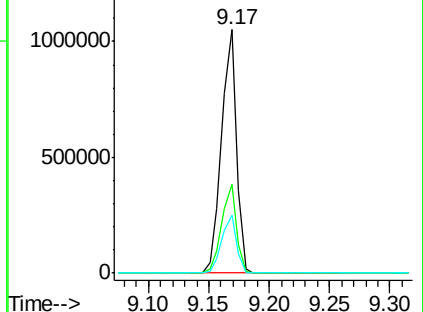
170 24.1 19.6 29.4

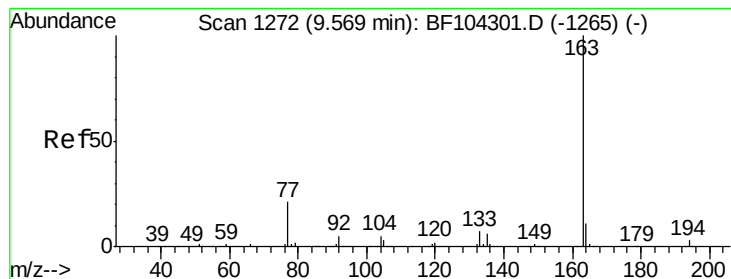


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.925 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF104414.D

Acq: 10 Apr 2018 17:40

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)

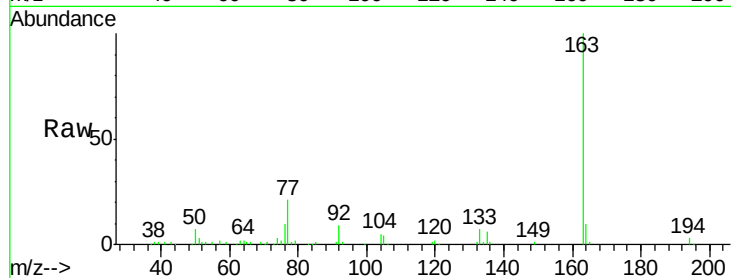
Tot Ion:163 Resp: 88559

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

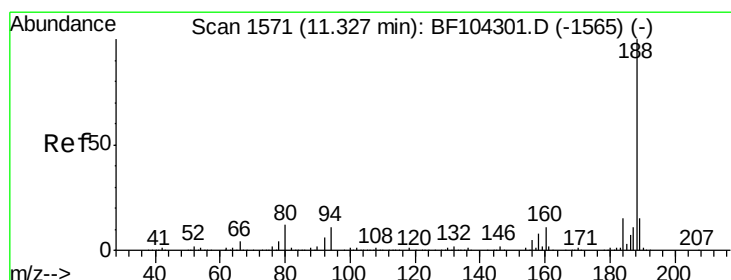
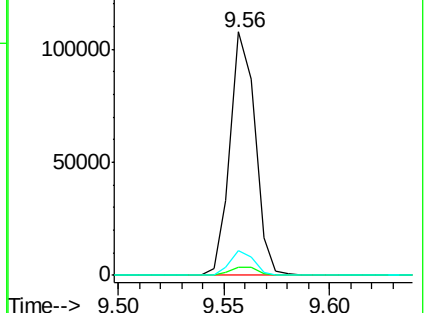
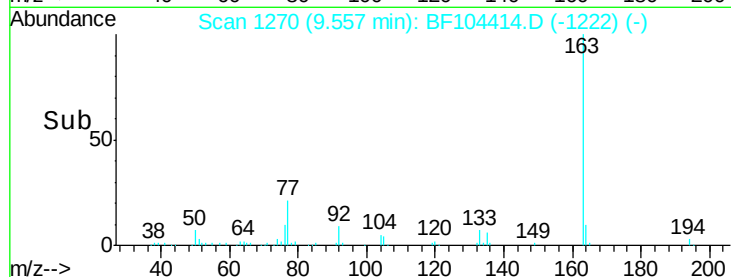
164 10.3 8.2 12.2



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: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF104414.D

Acq: 10 Apr 2018 17:40

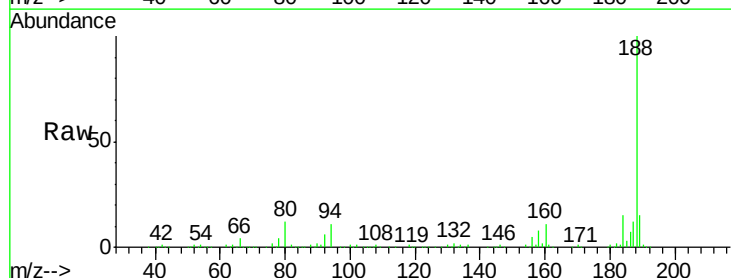
Tgt Ion:188 Resp: 275325

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

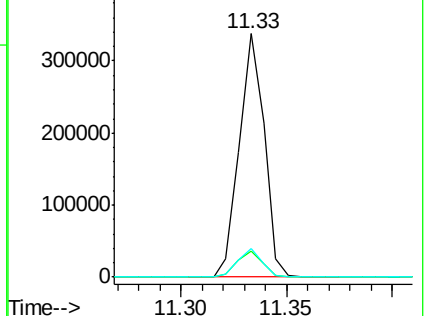
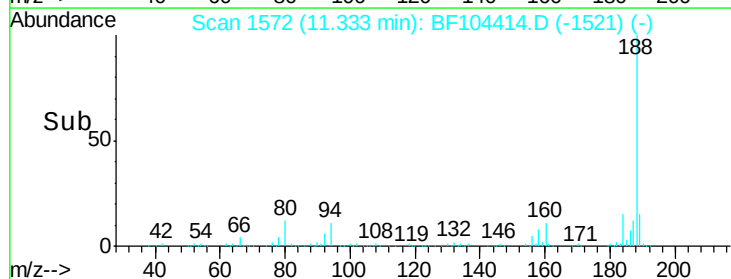
80 11.8 9.2 13.8

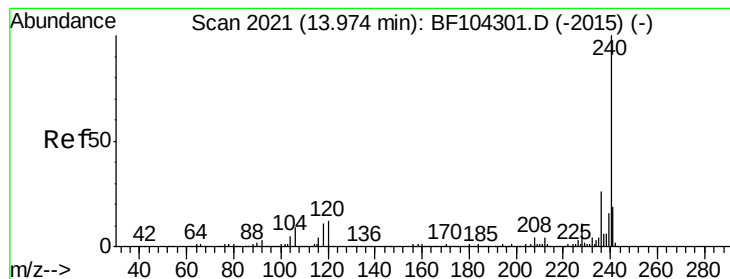


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104414.D

Acq: 10 Apr 2018 17:40

Instrument :

BNA_F

ClientSampleId :

EPE-L-6(0-5)

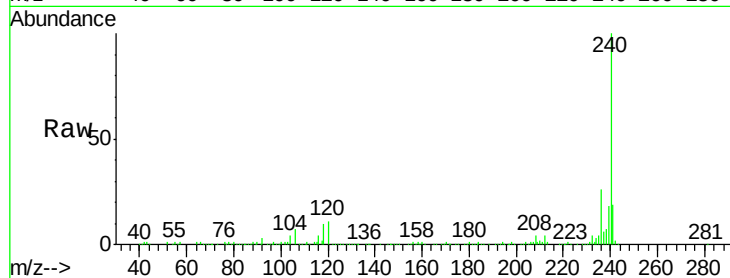
Tot Ion:240 Resp: 253142

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

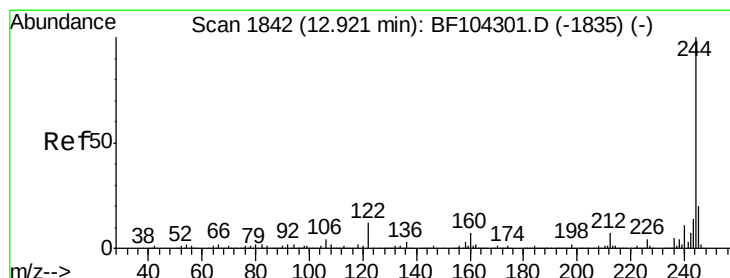
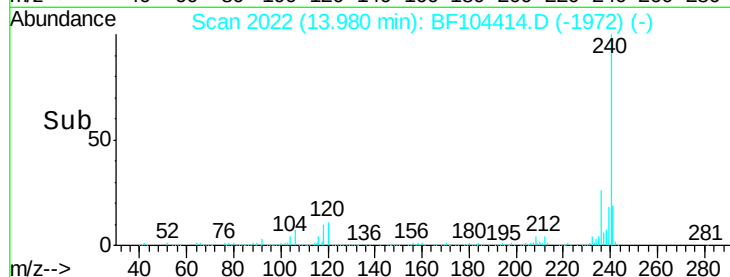
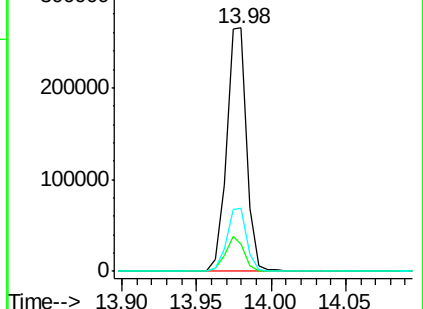
236 25.8 20.7 31.1



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: 58.985 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF104414.D

Acq: 10 Apr 2018 17:40

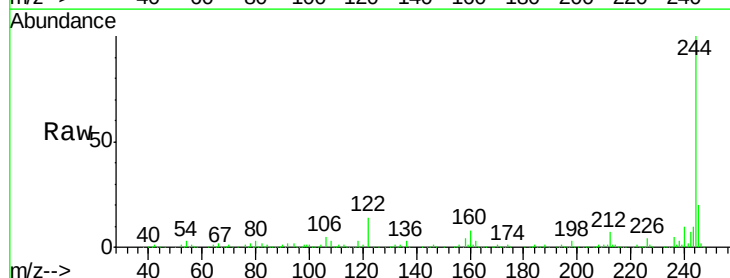
Tgt Ion:244 Resp: 654945

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

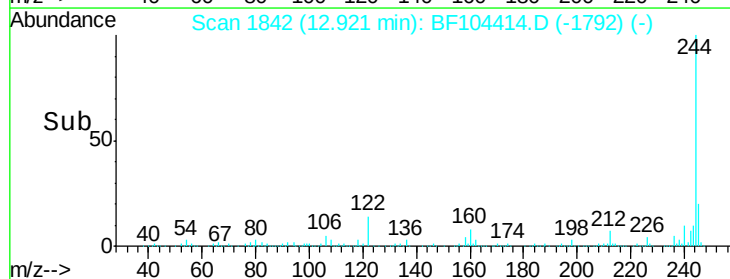
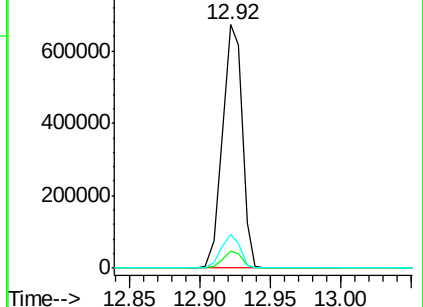
122 14.0 11.0 16.4

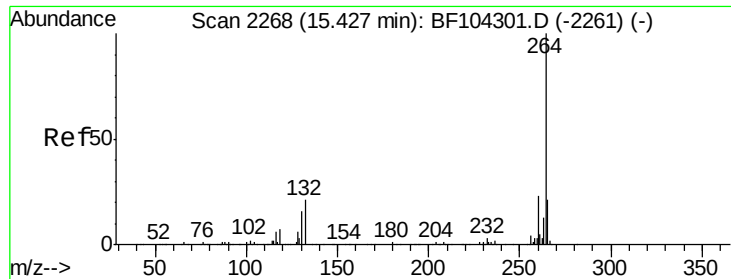


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF104414.D
Acq: 10 Apr 2018 17:40

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.2	17.5	26.3

