

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104937.D
 Acq On : 30 Apr 2018 17:14
 Operator : JU/SJ
 Sample : J2609-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01B

Quant Time: May 01 05:24:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

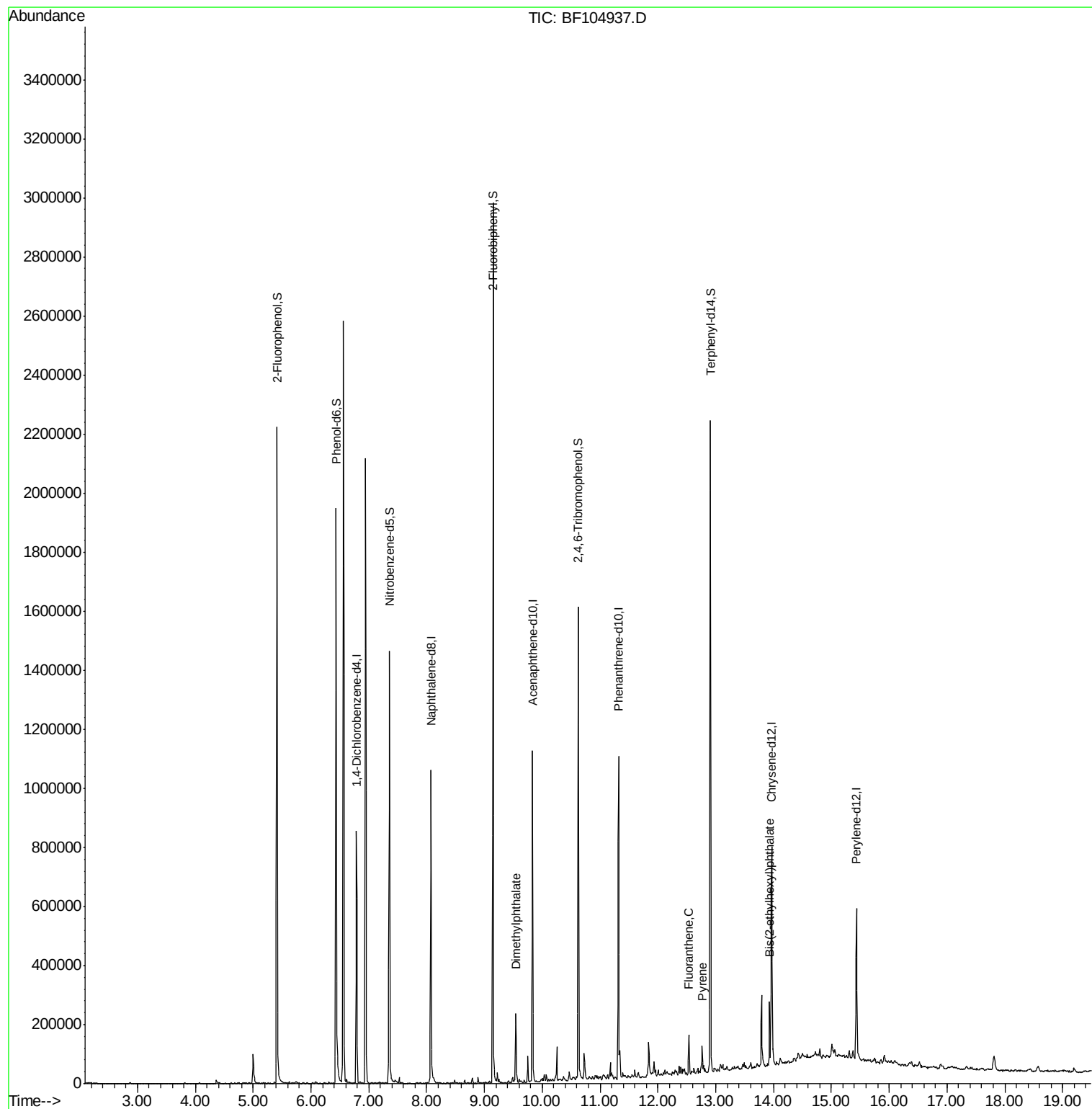
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	123184	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	499879	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	224791	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	379340	20.00	ng	0.00
75) Chrysene-d12	13.97	240	242737	20.00	ng	0.00
86) Perylene-d12	15.43	264	228284	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	694691	86.23	ng	0.00
7) Phenol-d6	6.43	99	843798	85.25	ng	0.00
23) Nitrobenzene-d5	7.36	82	518948	67.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	206046	88.36	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	910153	63.96	ng	0.00
78) Terphenyl-d14	12.91	244	755134	70.92	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	97894	5.522	ng	99
74) Fluoranthene	12.53	202	49187	2.229	ng	99
77) Pyrene	12.76	202	37630	2.091	ng	97
83) Bis(2-ethylhexyl)phthalate	13.93	149	57701	5.292	ng	100

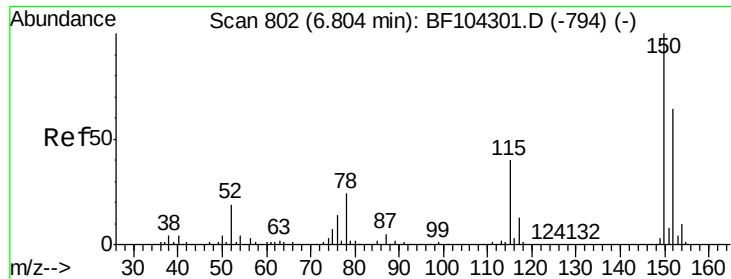
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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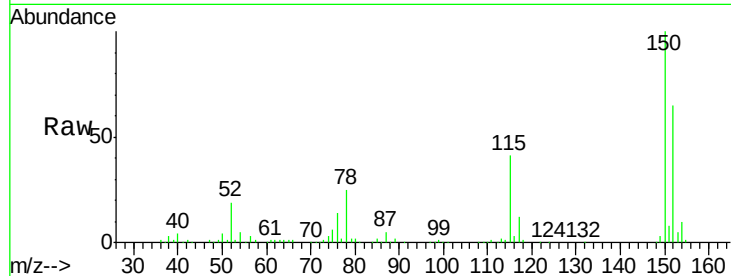


#1

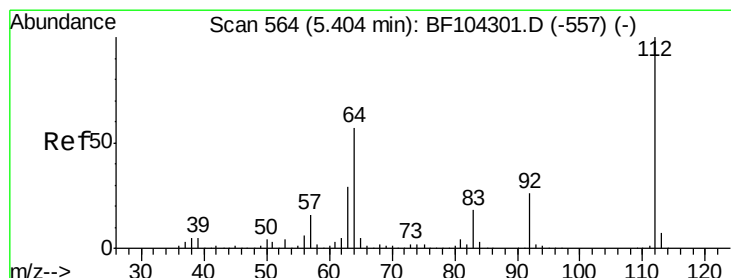
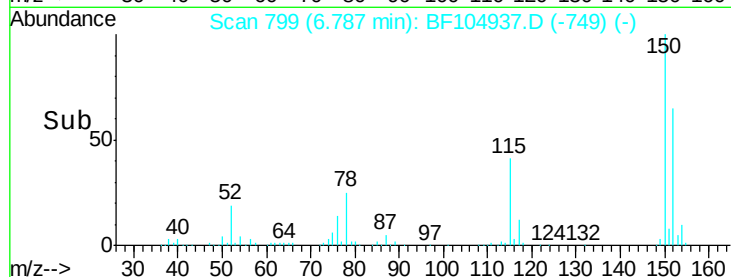
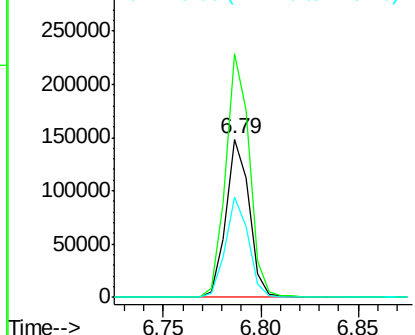
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF104937.D
 Acq: 30 Apr 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-01B

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	63.1	50.1	75.1



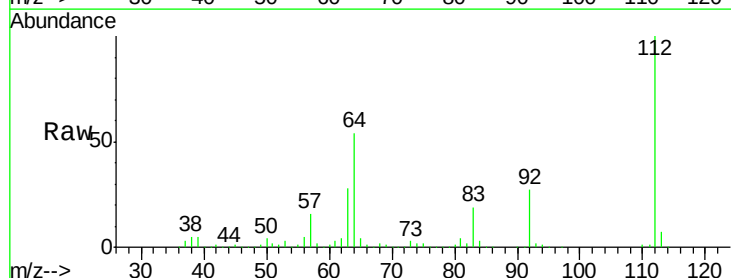
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



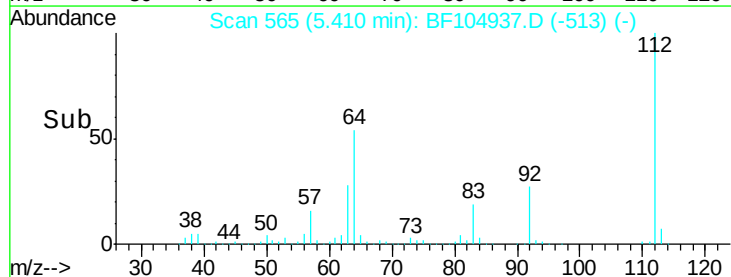
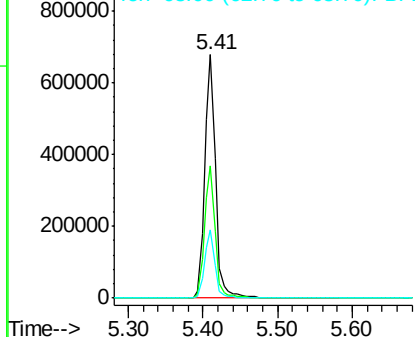
#5

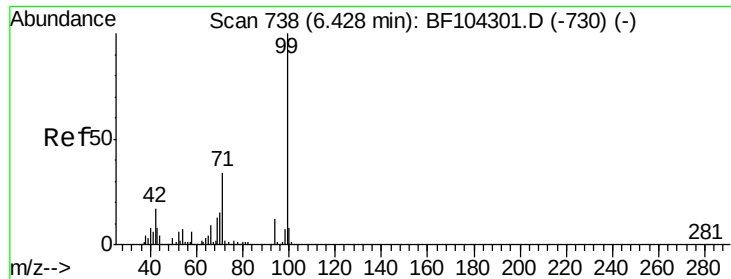
2-Fluorophenol
 Concen: 86.230 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF104937.D
 Acq: 30 Apr 2018 17:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	47.9	71.9
63	28.1	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: 85.245 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104937.D

Acq: 30 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

SB-01B

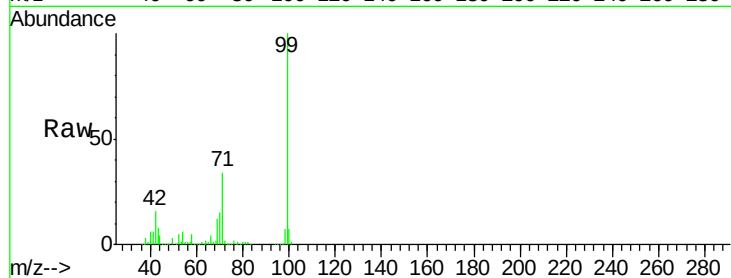
Tot Ion: 99 Resp: 843798

Ion Ratio Lower Upper

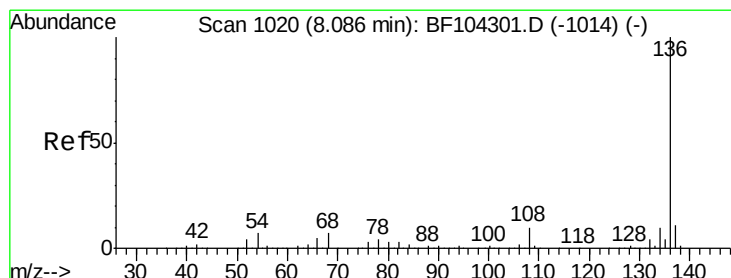
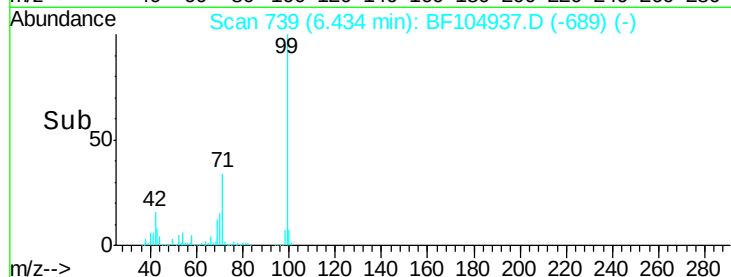
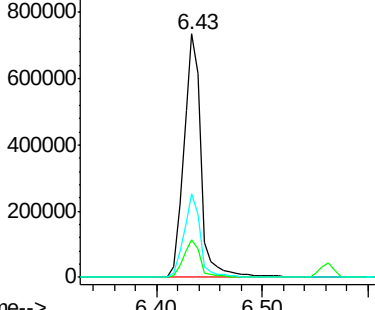
99 100

42 15.6 14.5 21.7

71 34.3 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. -0.01 min

Lab File: BF104937.D

Acq: 30 Apr 2018 17:14

Tgt Ion: 136 Resp: 499879

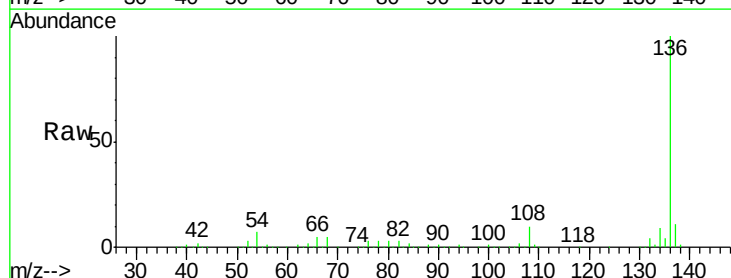
Ion Ratio Lower Upper

136 100

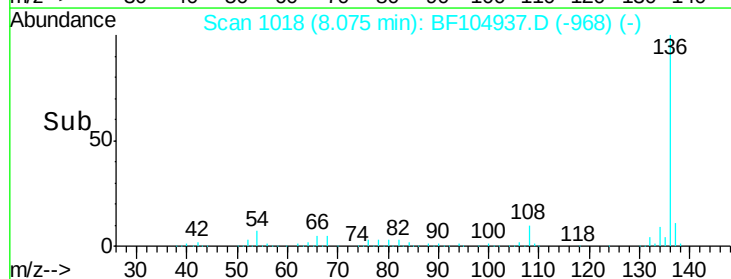
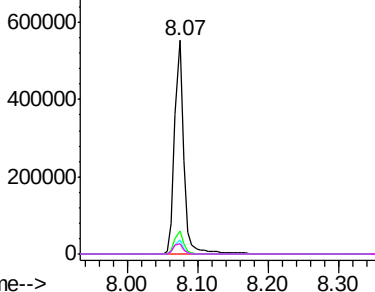
137 10.7 8.9 13.3

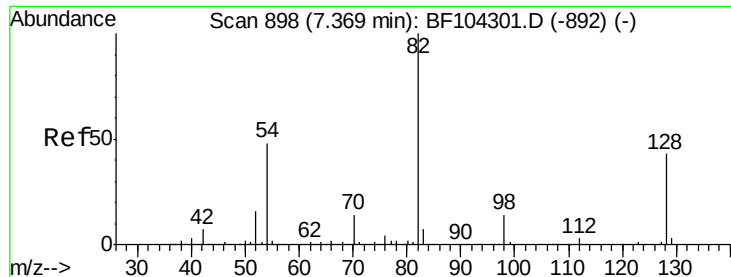
54 6.5 6.6 9.8#

68 5.1 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

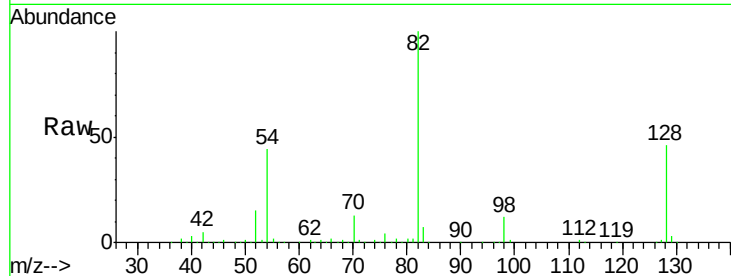




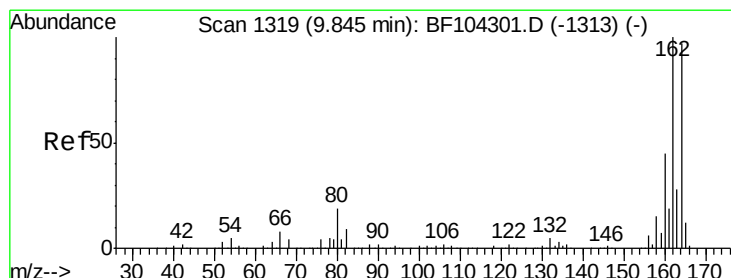
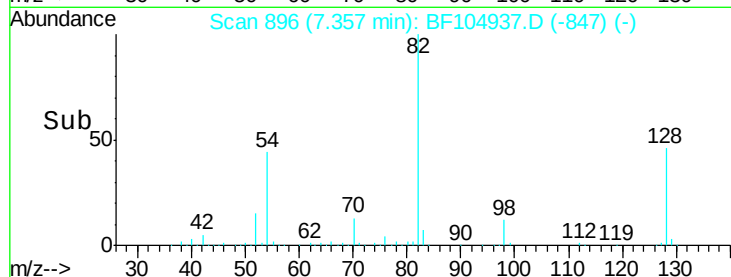
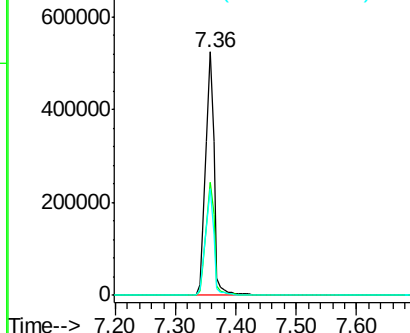
#23
 Nitrobenzene-d5
 Concen: 67.789 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF104937.D
 Acq: 30 Apr 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-01B

Tot Ion	82	Resp	518948
Ion Ratio	100	Lower	Upper
128	46.2	36.1	54.1
54	44.0	41.4	62.2

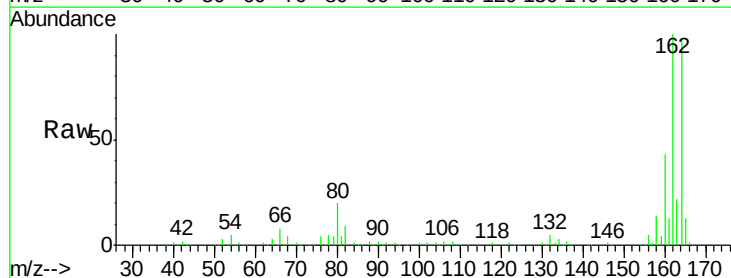


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

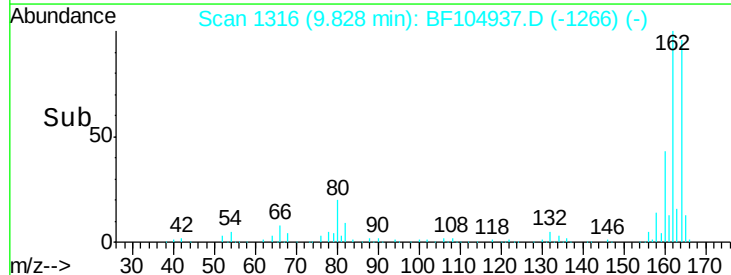
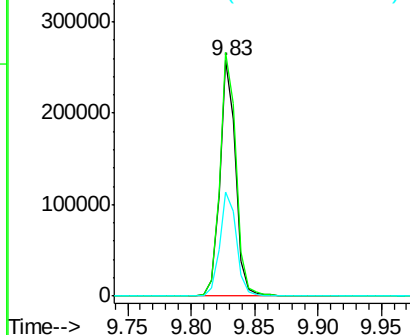


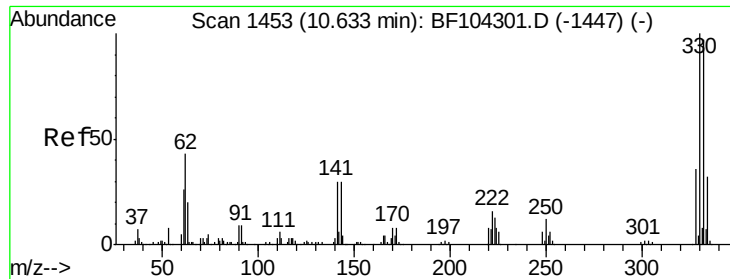
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF104937.D
 Acq: 30 Apr 2018 17:14

Tgt Ion	164	Resp	224791
Ion Ratio	100	Lower	Upper
162	103.3	86.1	129.1
160	44.1	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

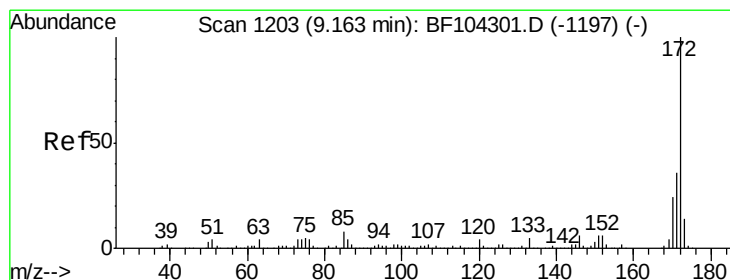
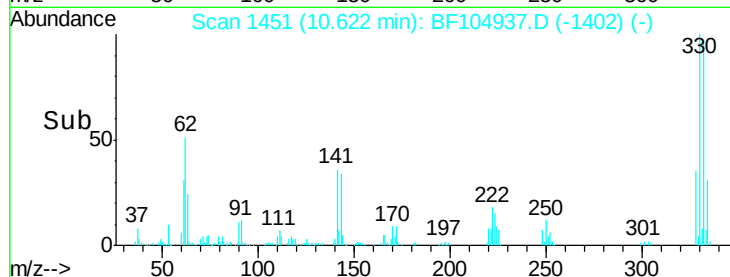
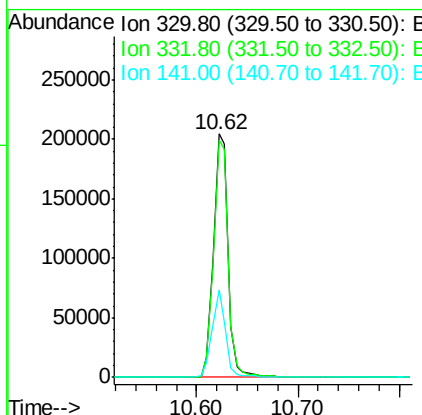
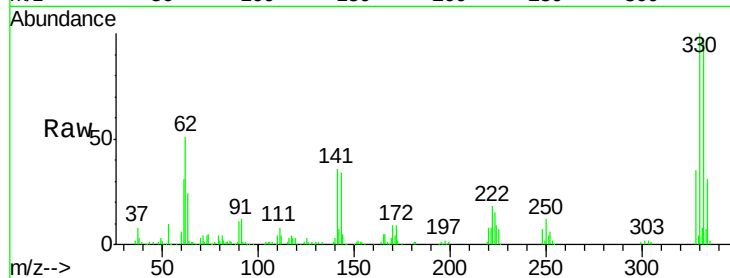




#41
 2,4,6-Tribromophenol
 Concen: 88.363 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF104937.D
 Acq: 30 Apr 2018 17:14

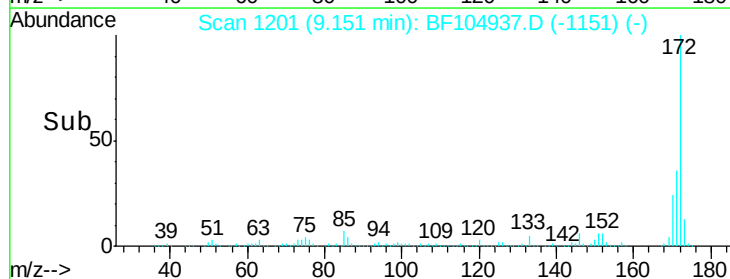
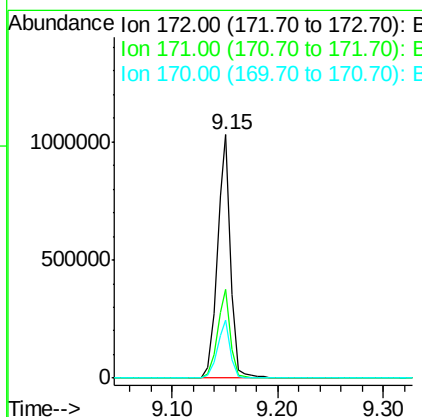
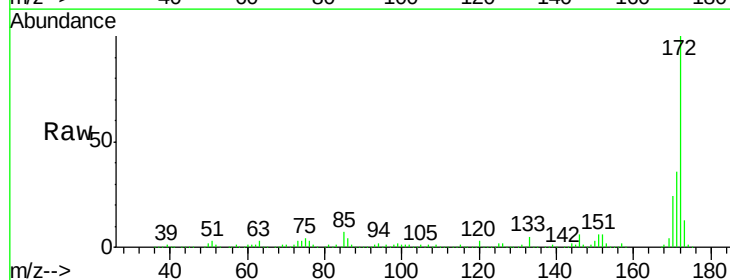
Instrument :
 BNA_F
 ClientSampled :
 SB-01B

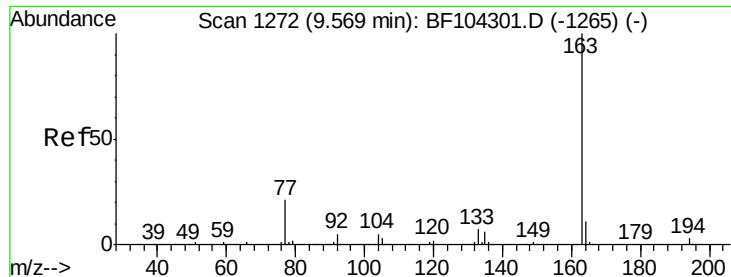
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	33.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 63.962 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104937.D
 Acq: 30 Apr 2018 17:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4





#49

Dimethylphthalate

Concen: 5.522 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF104937.D

Acq: 30 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

SB-01B

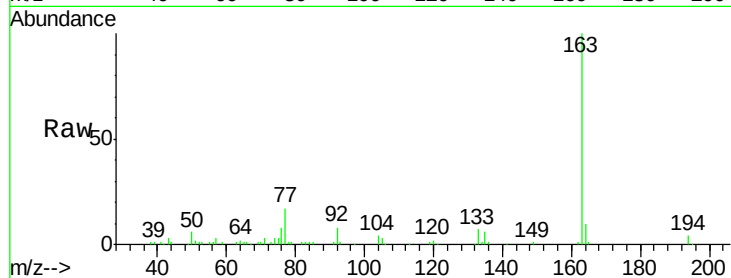
Tot Ion:163 Resp: 97894

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

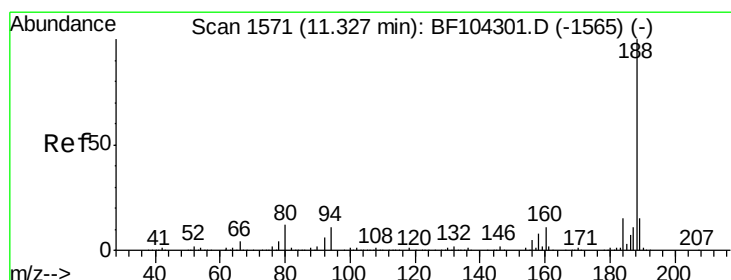
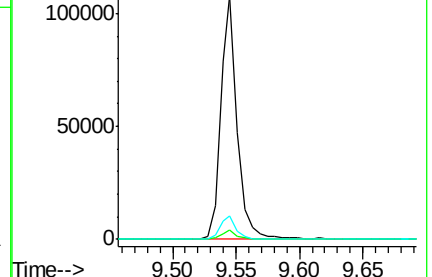
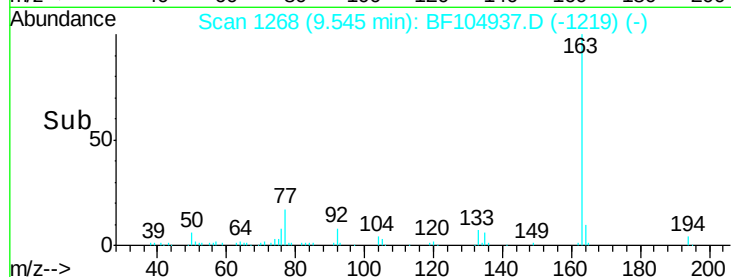
164 9.6 8.2 12.2



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. -0.01 min

Lab File: BF104937.D

Acq: 30 Apr 2018 17:14

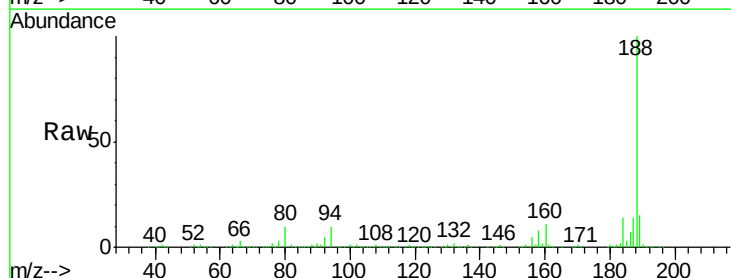
Tgt Ion:188 Resp: 379340

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

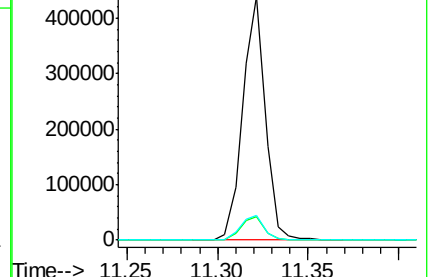
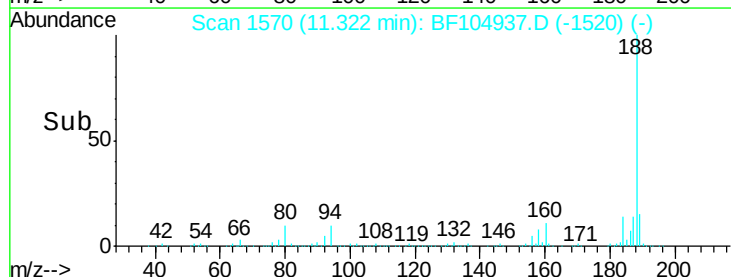
80 10.4 9.2 13.8

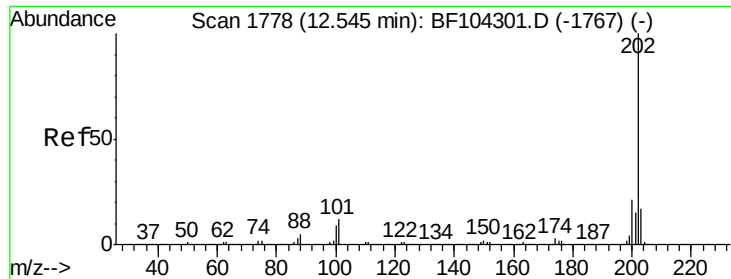


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#74

Fluoranthene

Concen: 2.229 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF104937.D

Acq: 30 Apr 2018 17:14

Instrument :

BNA_F

ClientSampleId :

SB-01B

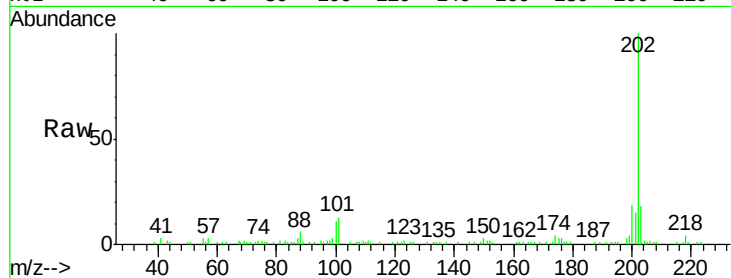
Tot Ion:202 Resp: 49187

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

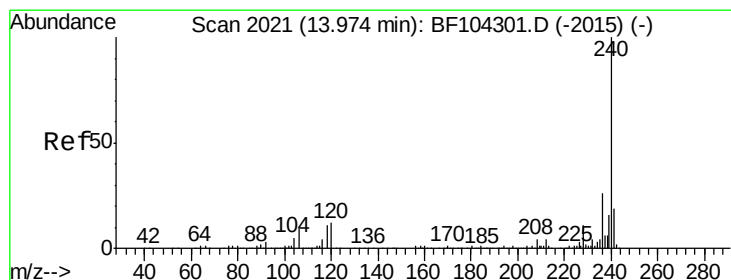
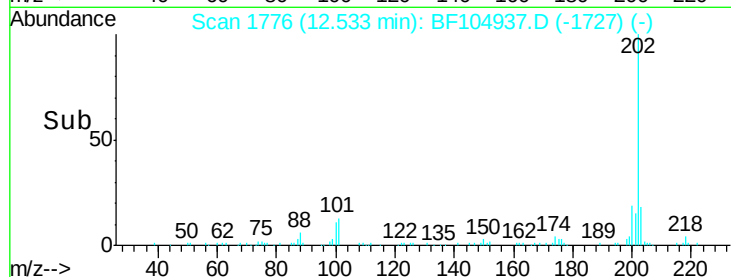
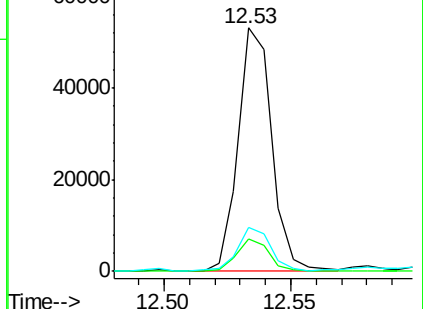
203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104937.D

Acq: 30 Apr 2018 17:14

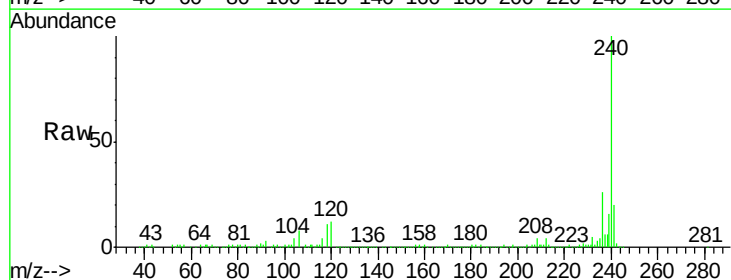
Tgt Ion:240 Resp: 242737

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

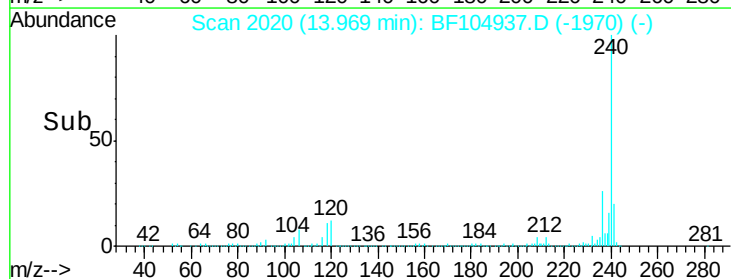
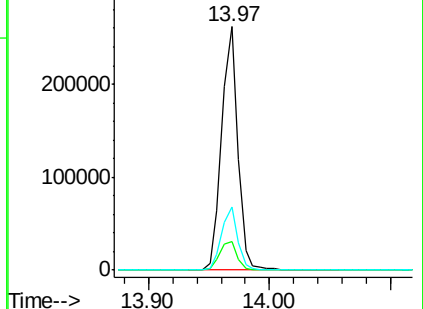
236 25.7 20.7 31.1

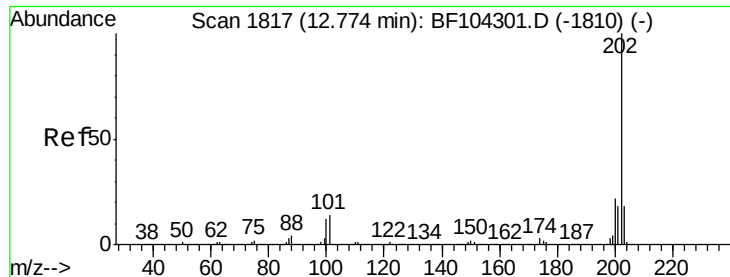


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

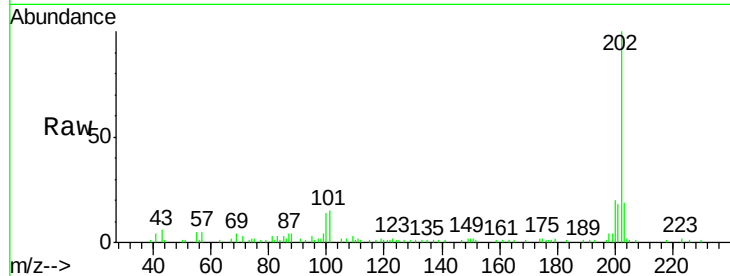




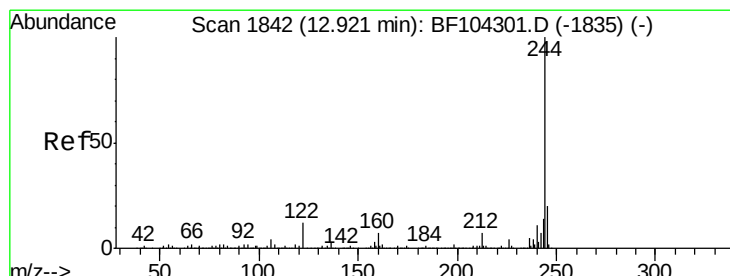
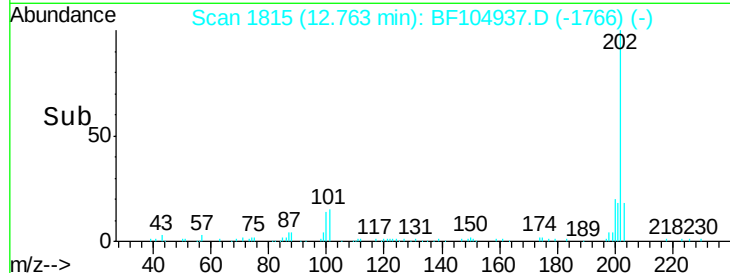
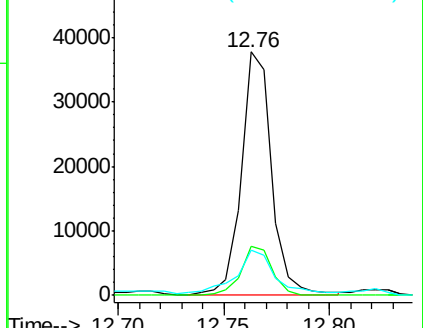
#77
Pvrene
Concen: 2.091 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Instrument :
BNA_F
ClientSampleId :
SB-01B

Tot Ion:202 Resp: 37630
Ion Ratio Lower Upper
202 100
200 20.0 17.4 26.2
203 18.7 14.3 21.5

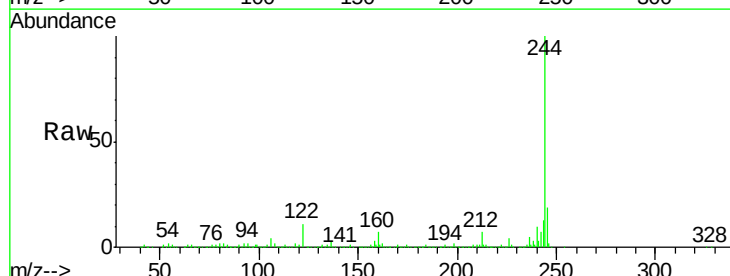


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

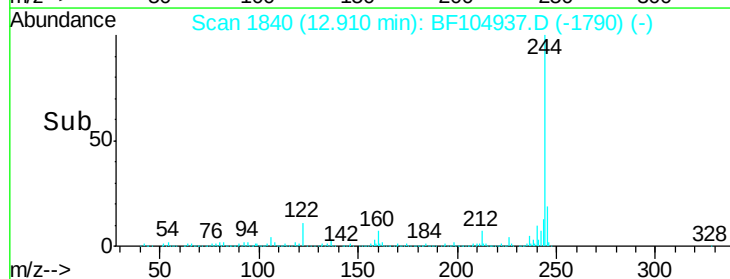
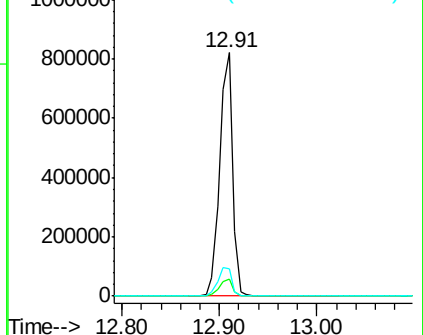


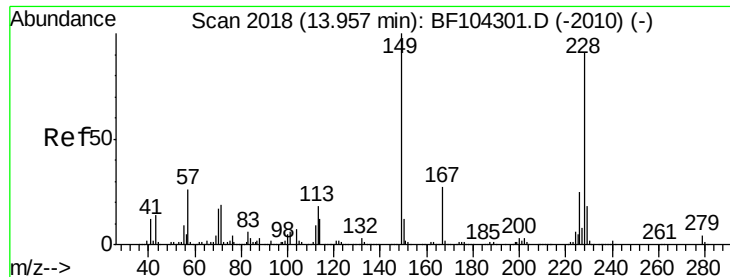
#78
Terphenyl-d14
Concen: 70.924 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF104937.D
Acq: 30 Apr 2018 17:14

Tgt Ion:244 Resp: 755134
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 11.0 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





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.292 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF104937.D

Acq: 30 Apr 2018 17:14

Instrument :

BNA_F

ClientSampled :

SB-01B

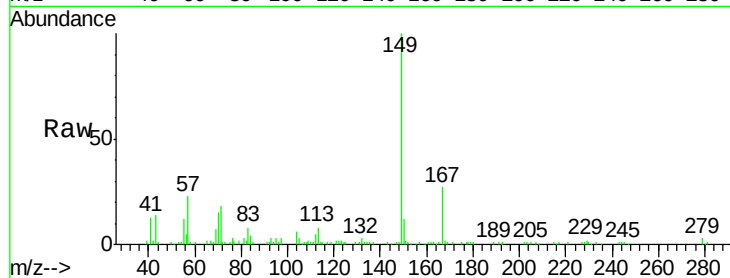
Tot Ion:149 Resp: 57701

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

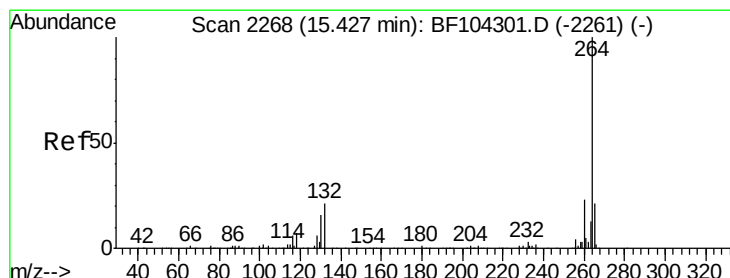
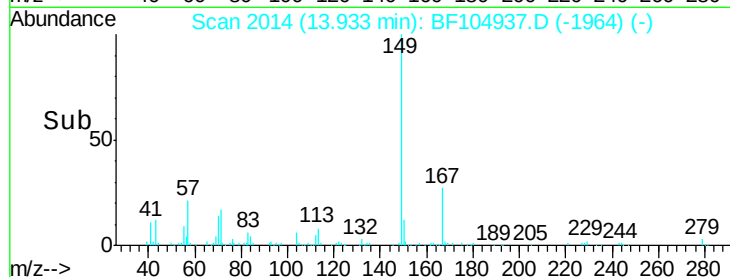
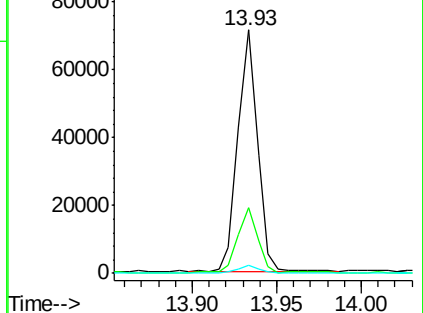
279 3.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF104937.D

Acq: 30 Apr 2018 17:14

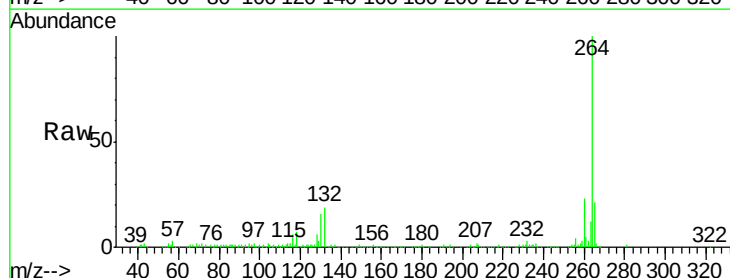
Tgt Ion:264 Resp: 228284

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.0 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

