

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104877.D
 Acq On : 27 Apr 2018 11:52
 Operator : JU/SJ
 Sample : PB108604BL
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108604BL

Quant Time: Apr 27 14:20:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	100006	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	379749	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	144391	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	227946	20.00	ng	0.00
75) Chrysene-d12	13.97	240	205006	20.00	ng	-0.01
86) Perylene-d12	15.44	264	137758	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	677895	103.65	ng	0.00
7) Phenol-d6	6.44	99	795261	98.96	ng	0.00
23) Nitrobenzene-d5	7.36	82	483763	83.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	146466	97.79	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	836099	91.48	ng	0.00
78) Terphenyl-d14	12.92	244	687254	76.43	ng	0.00

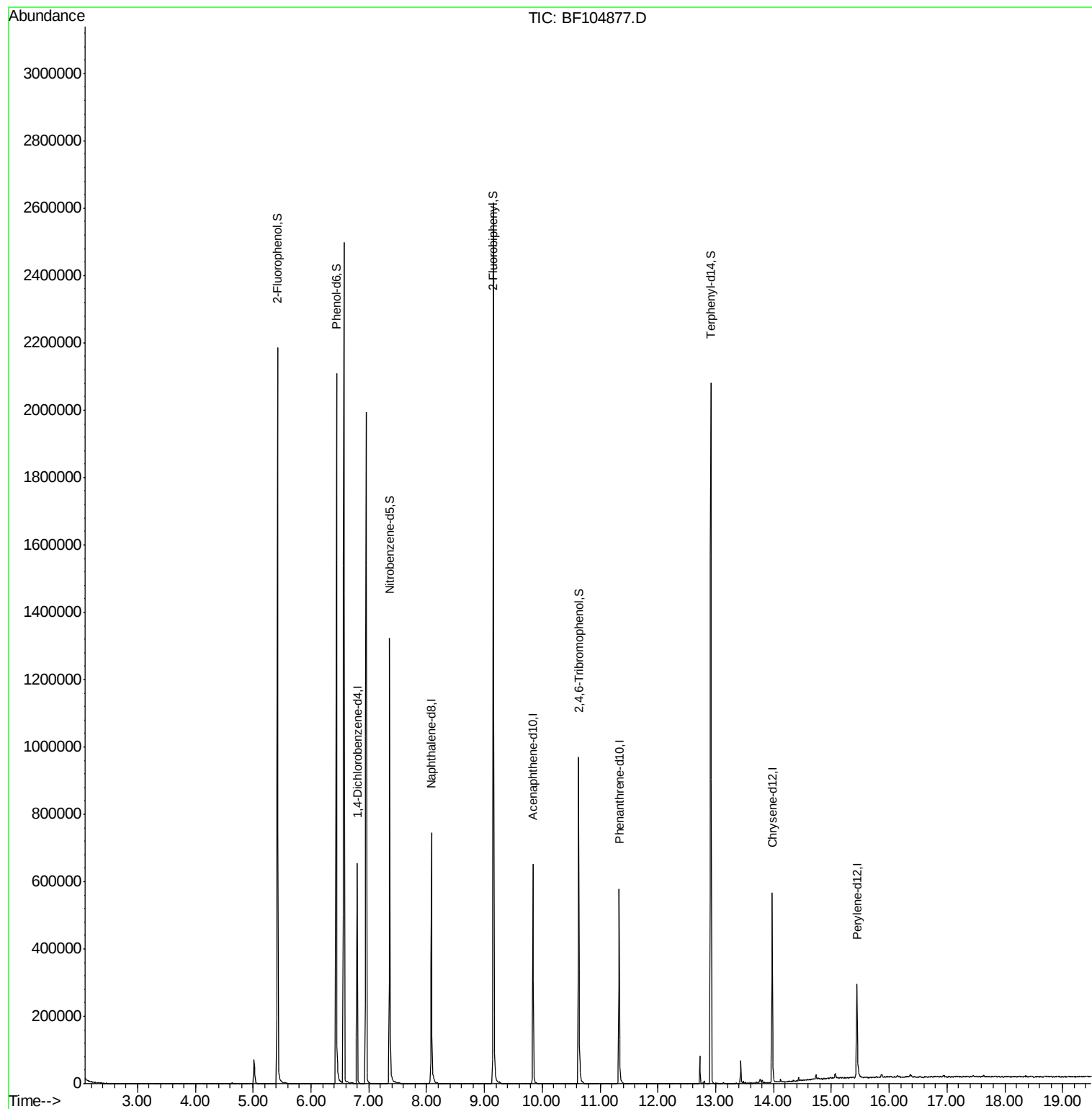
Target Compounds Qvalue

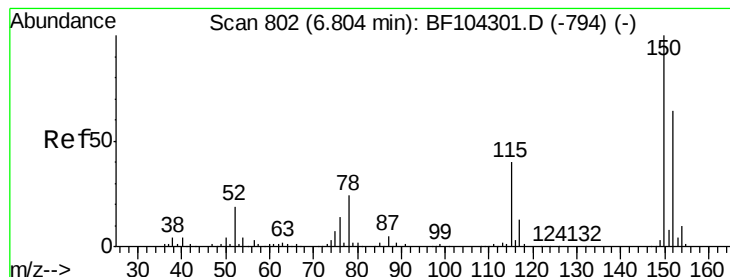
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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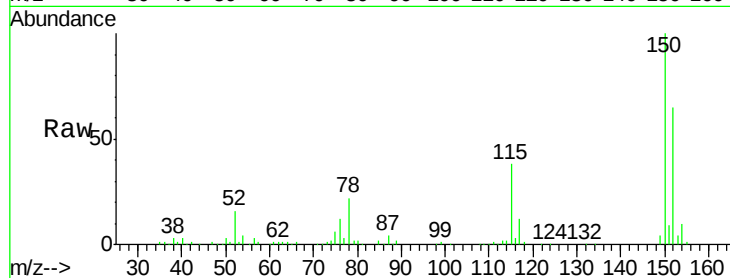


#1

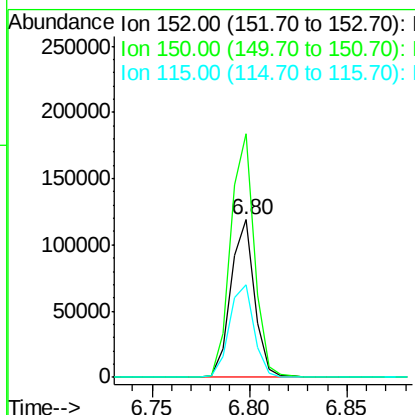
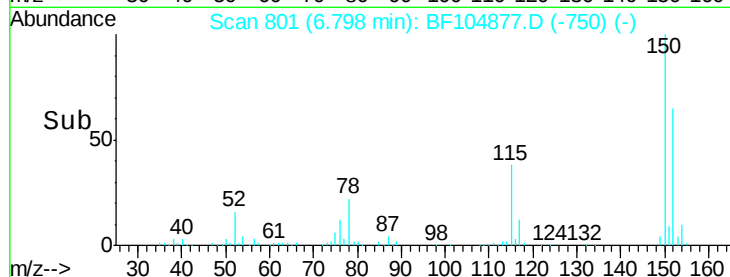
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104877.D
Acq: 27 Apr 2018 11:52

Instrument :
BNA_F
ClientSampleId :
PB108604BL

Tot Ion:152 Resp: 100006
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 58.6 50.1 75.1



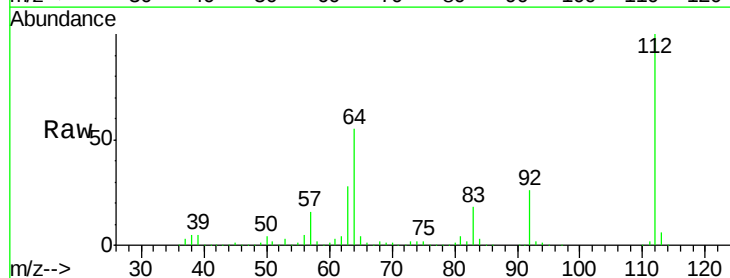
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



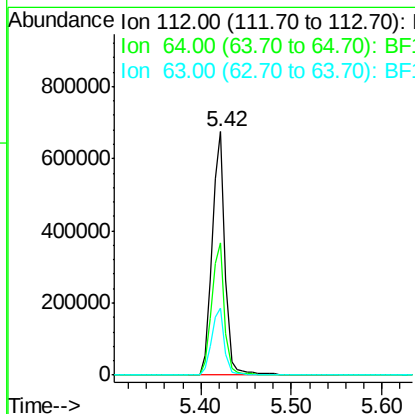
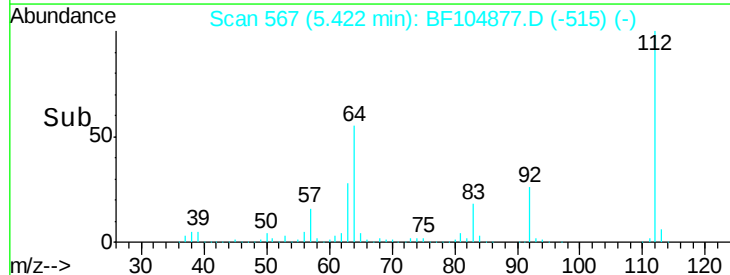
#5

2-Fluorophenol
Concen: 103.648 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104877.D
Acq: 27 Apr 2018 11:52

Tgt Ion:112 Resp: 677895
Ion Ratio Lower Upper
112 100
64 54.5 47.9 71.9
63 27.8 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: 98.962 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104877.D

Acq: 27 Apr 2018 11:52

Instrument :

BNA_F

ClientSampleId :

PB108604BL

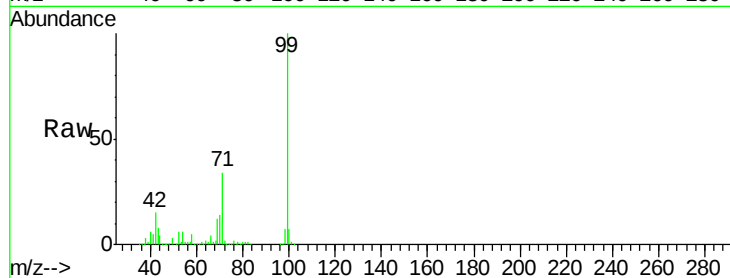
Tot Ion: 99 Resp: 795261

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

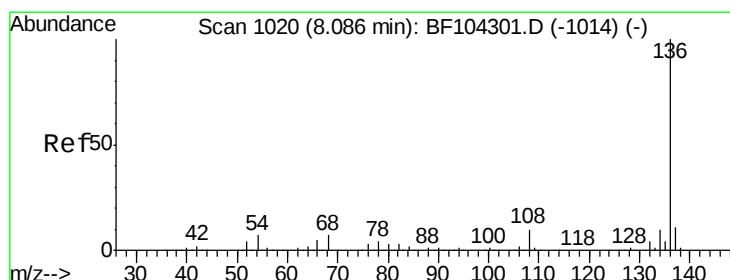
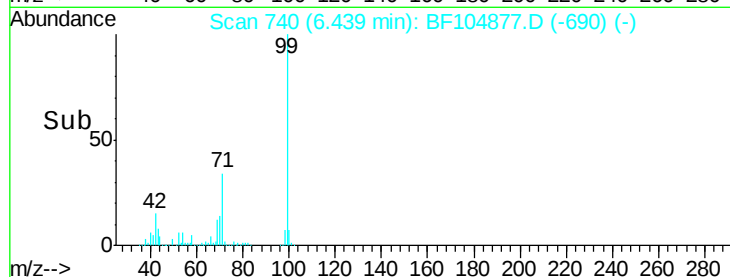
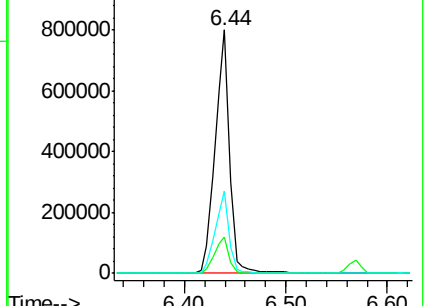
71 33.8 25.4 38.0



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: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF104877.D

Acq: 27 Apr 2018 11:52

Tgt Ion: 136 Resp: 379749

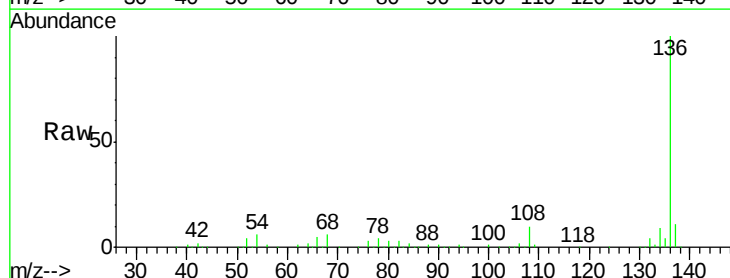
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.5 6.6 9.8#

68 5.7 5.0 7.4

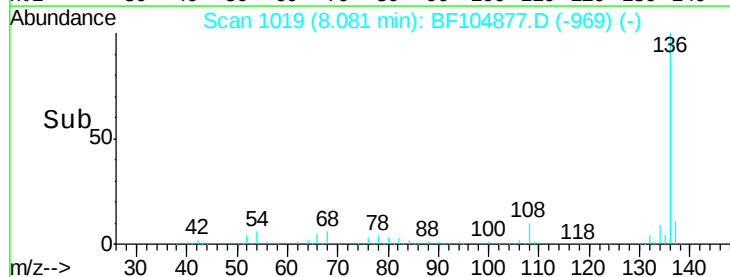
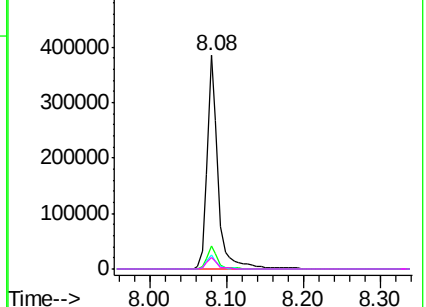


Abundance Ion 136.00 (135.70 to 136.70): E

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

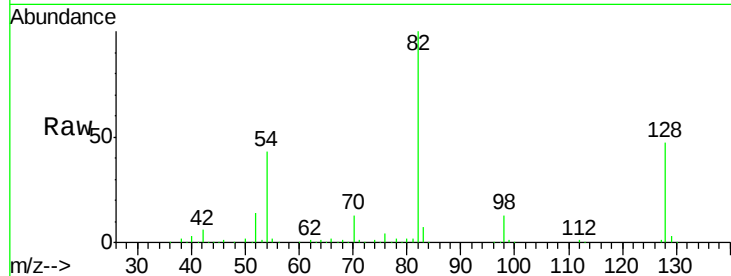




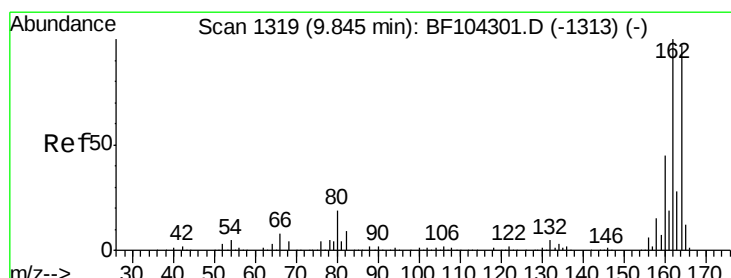
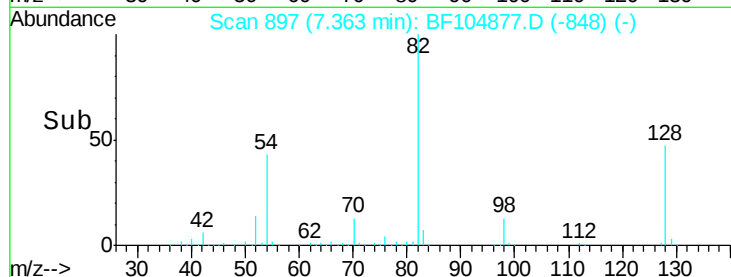
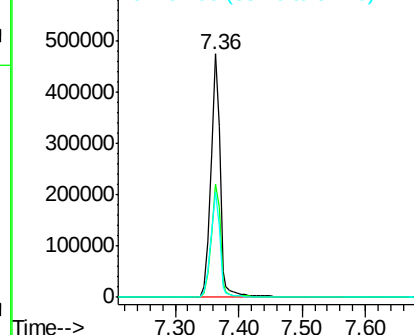
#23
Nitrobenzene-d5
Concen: 83.183 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104877.D
Acq: 27 Apr 2018 11:52

Instrument :
BNA_F
ClientSampleId :
PB108604BL

Tot Ion: 82 Resp: 483763
Ion Ratio Lower Upper
82 100
128 46.5 36.1 54.1
54 43.1 41.4 62.2

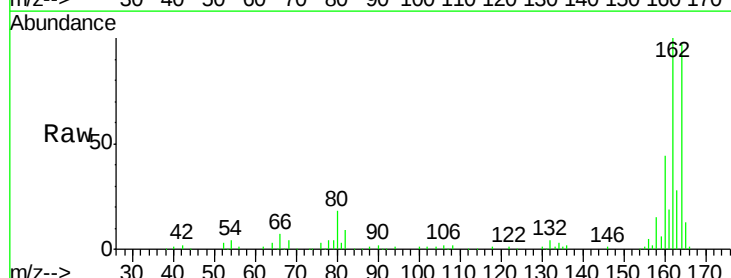


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

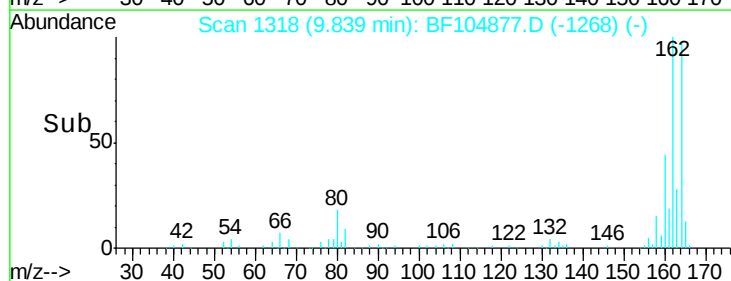
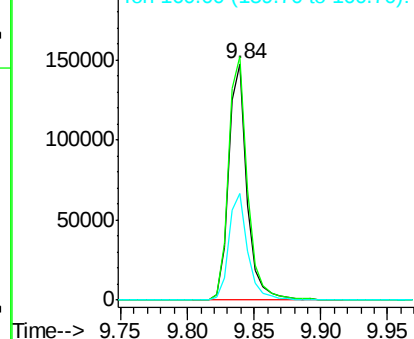


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104877.D
Acq: 27 Apr 2018 11:52

Tgt Ion:164 Resp: 144391
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 45.4 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

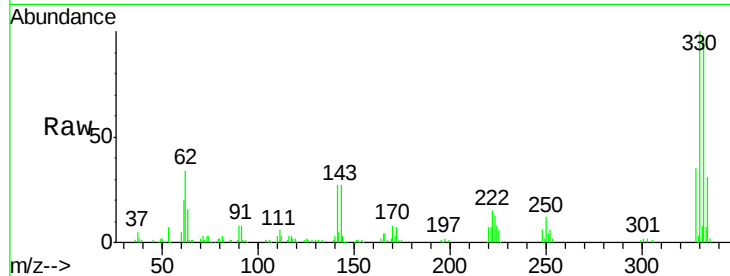




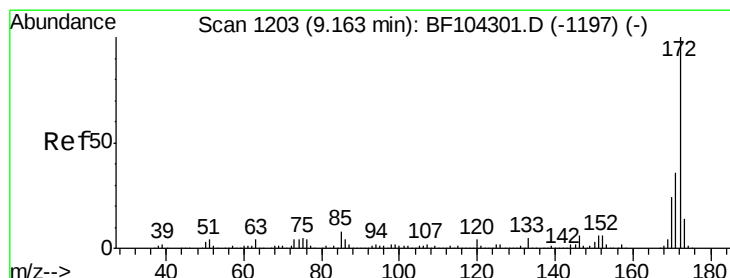
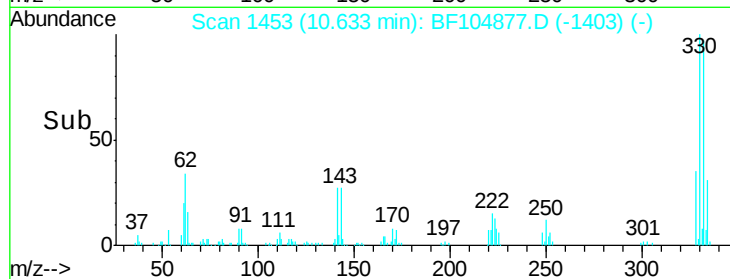
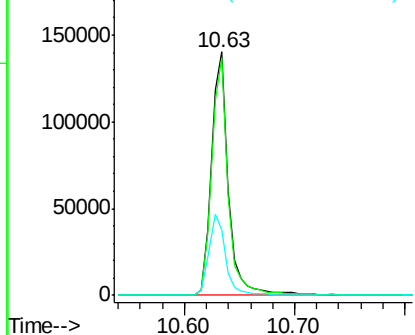
#41
 2,4,6-Tribromophenol
 Concen: 97.787 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104877.D
 Acq: 27 Apr 2018 11:52

Instrument :
 BNA_F
 ClientSampleId :
 PB108604BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	32.5	29.9	44.9

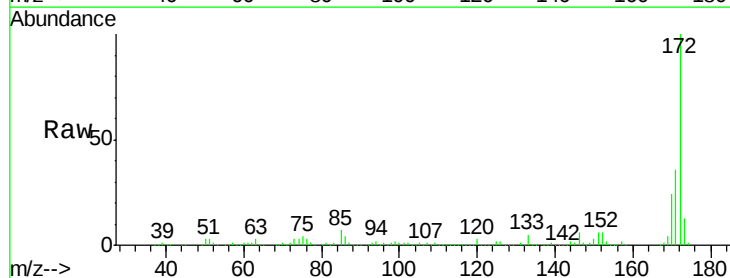


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

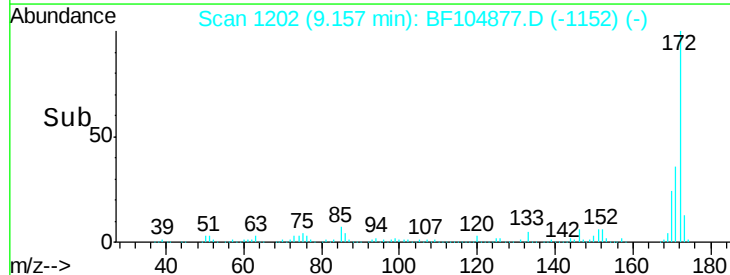
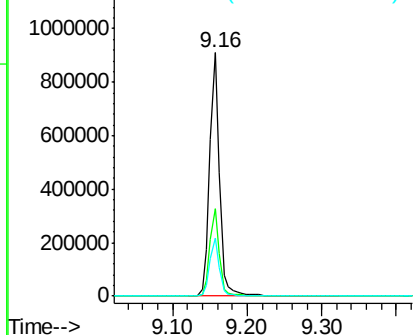


#44
 2-Fluorobiphenyl
 Concen: 91.476 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104877.D
 Acq: 27 Apr 2018 11:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.6	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

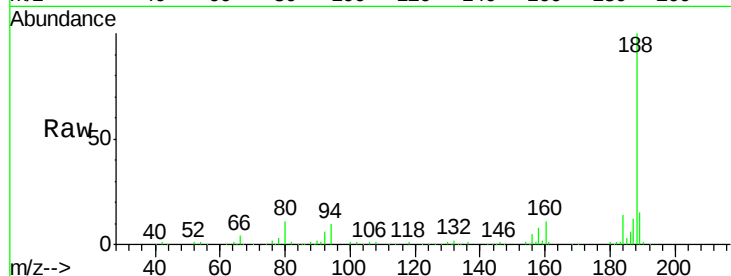




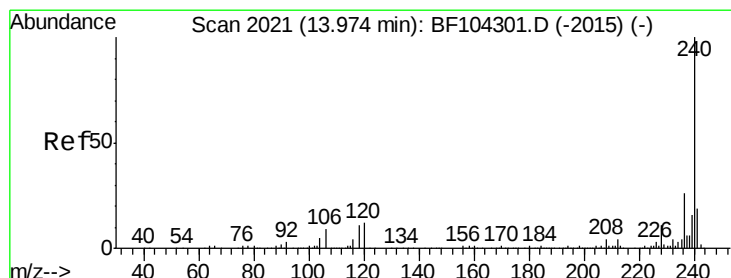
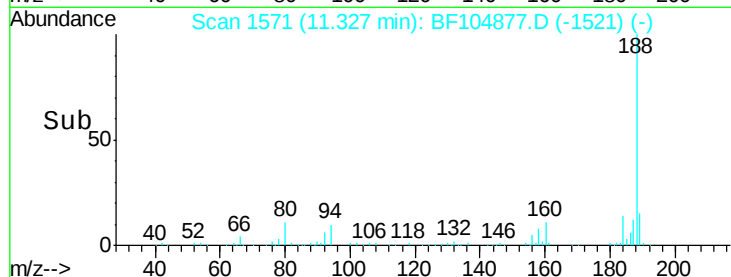
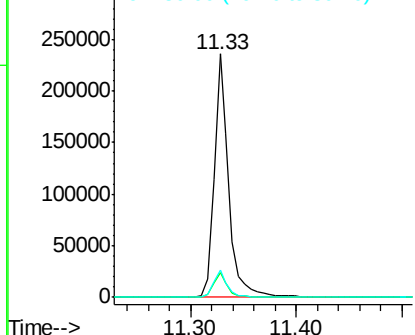
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104877.D
Acq: 27 Apr 2018 11:52

Instrument :
BNA_F
ClientSampleId :
PB108604BL

Tot Ion:188 Resp: 227946
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.1 9.2 13.8

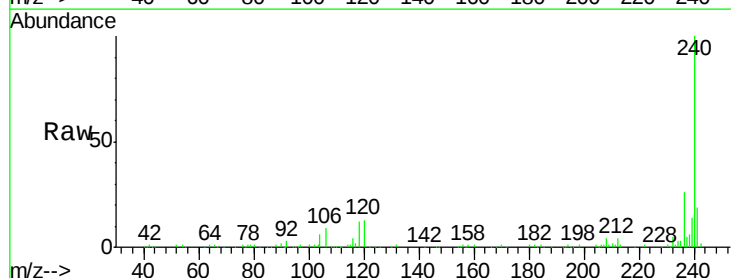


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

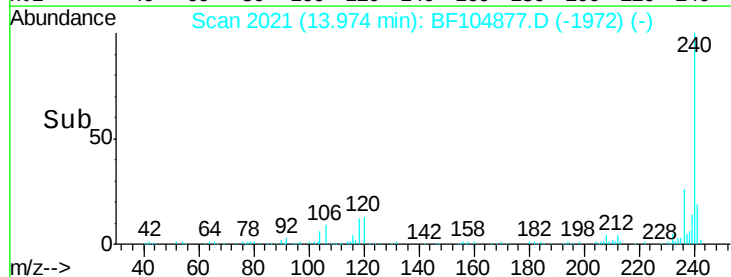
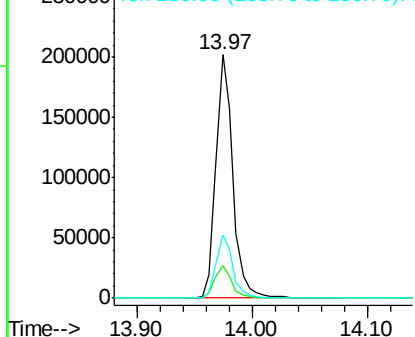


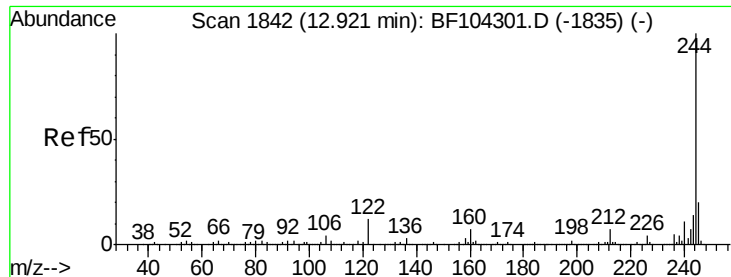
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104877.D
Acq: 27 Apr 2018 11:52

Tgt Ion:240 Resp: 205006
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 25.9 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

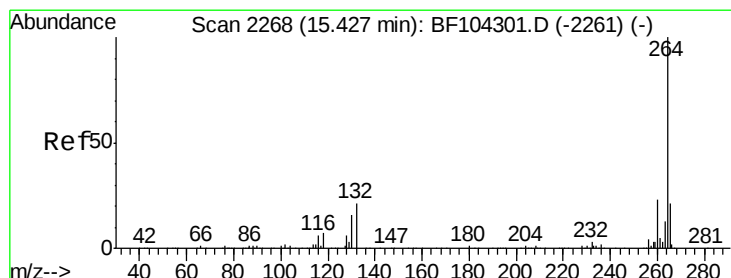
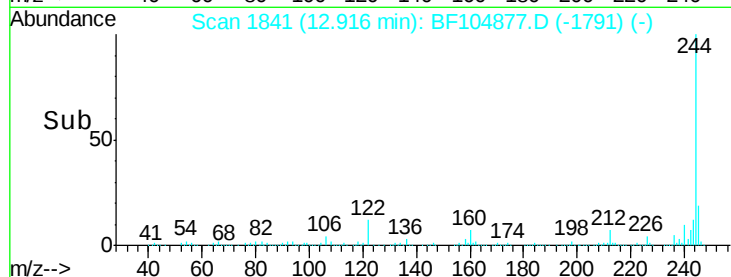
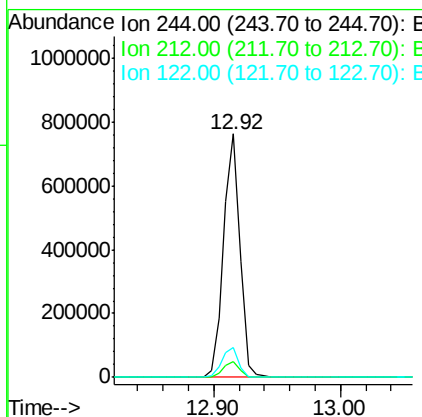
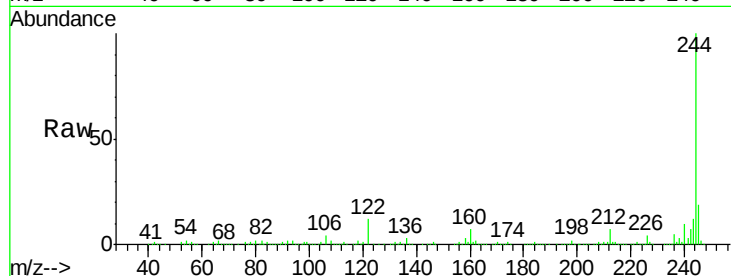




#78
 Terphenyl-d14
 Concen: 76.428 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104877.D
 Acq: 27 Apr 2018 11:52

Instrument :
 BNA_F
 ClientSampleId :
 PB108604BL

Tot Ion:244 Resp: 687254
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF104877.D
 Acq: 27 Apr 2018 11:52

Tgt Ion:264 Resp: 137758
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 19.8 17.5 26.3

