

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104872.D
 Acq On : 27 Apr 2018 9:38
 Operator : JU/SJ
 Sample : J2515-05 10X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-3-A

Quant Time: Apr 27 14:07:13 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	97282	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	369147	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	138213	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	222257	20.00	ng	0.00
75) Chrysene-d12	13.97	240	219899	20.00	ng	-0.01
86) Perylene-d12	15.44	264	149779	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	63098	9.92	ng	0.00
7) Phenol-d6	6.43	99	73456	9.40	ng	-0.01
23) Nitrobenzene-d5	7.36	82	39818	7.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	11638	8.12	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	83743	9.57	ng	0.00
78) Terphenyl-d14	12.91	244	72582	7.53	ng	-0.01

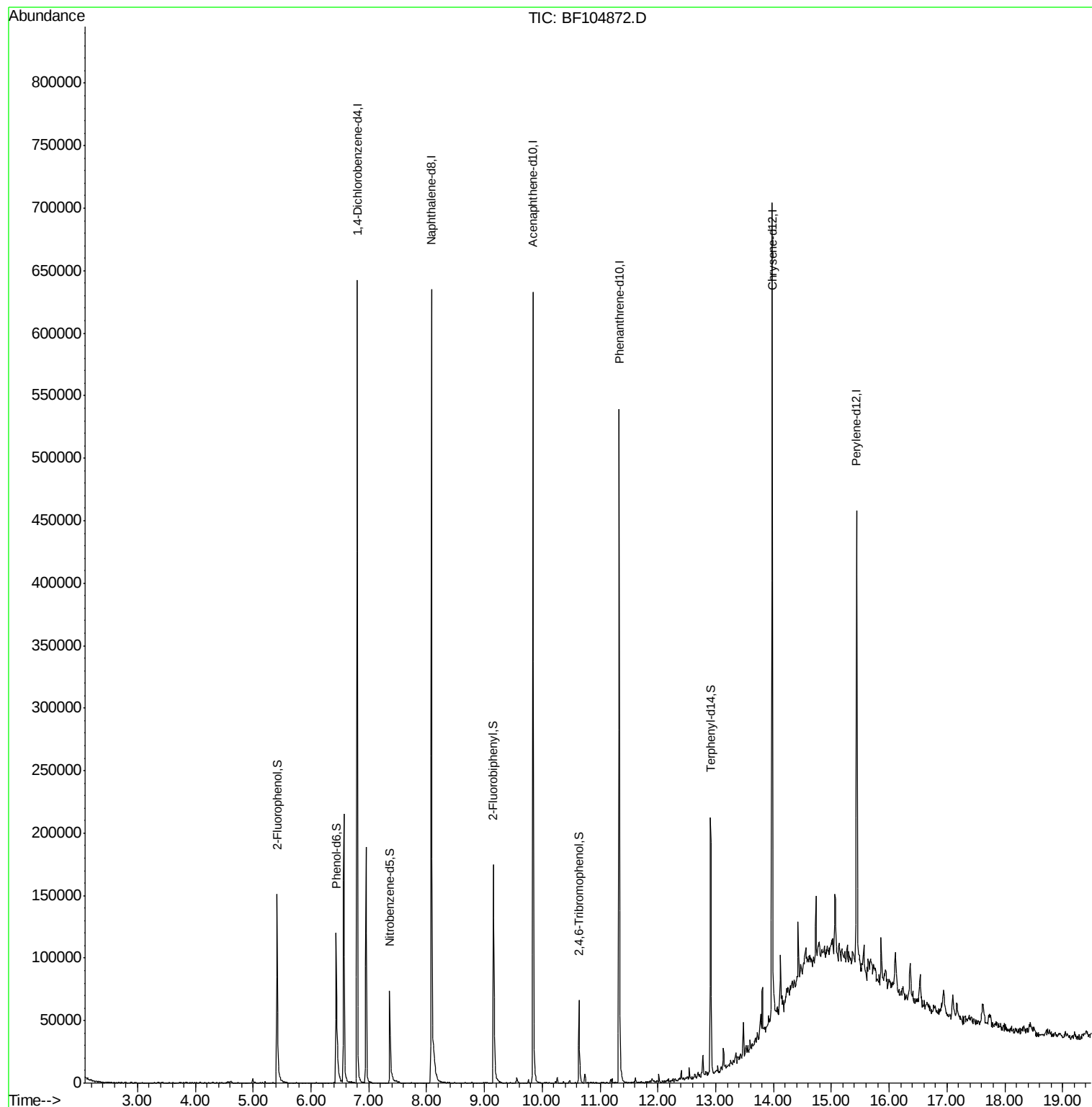
Target Compounds Qvalue

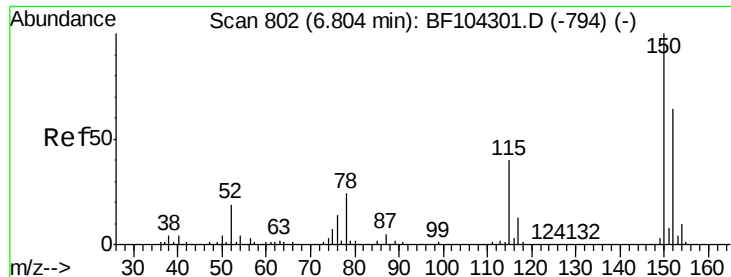
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF104872.D

Acq: 27 Apr 2018 9:38

Instrument :

BNA_F

ClientSampleId :

S-3-A

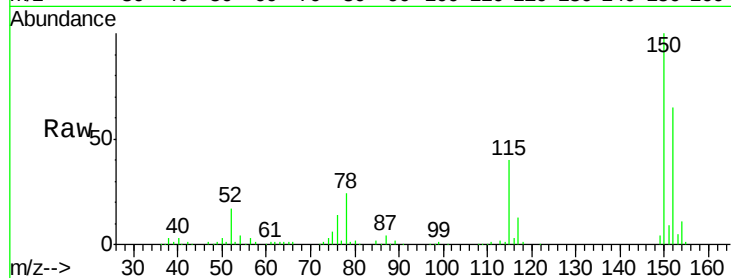
Tot Ion:152 Resp: 97282

Ion Ratio Lower Upper

152 100

150 154.9 124.6 186.8

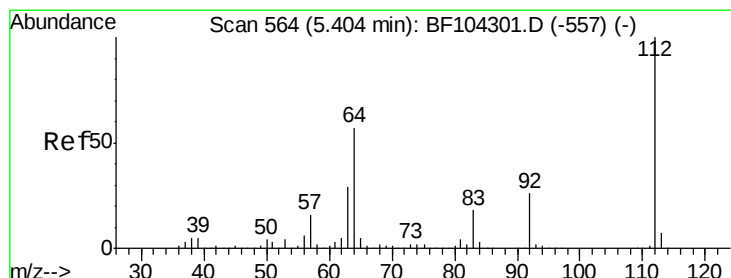
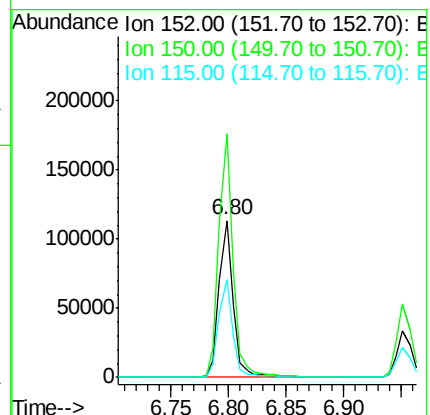
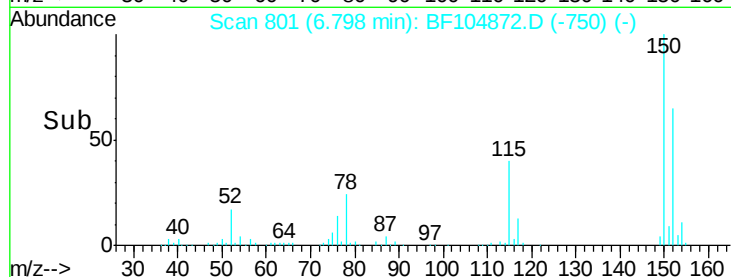
115 61.9 50.1 75.1



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: 9.918 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF104872.D

Acq: 27 Apr 2018 9:38

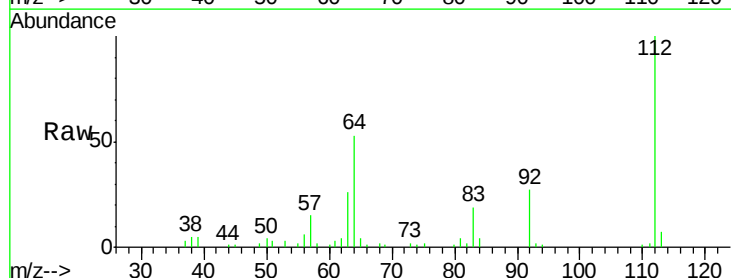
Tgt Ion:112 Resp: 63098

Ion Ratio Lower Upper

112 100

64 53.3 47.9 71.9

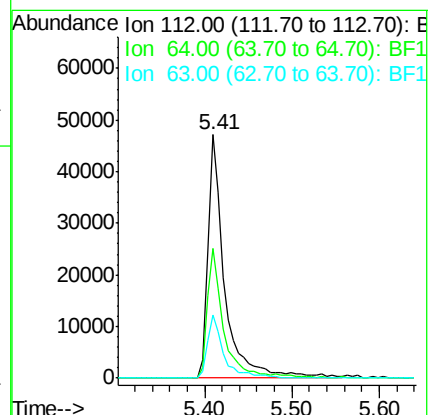
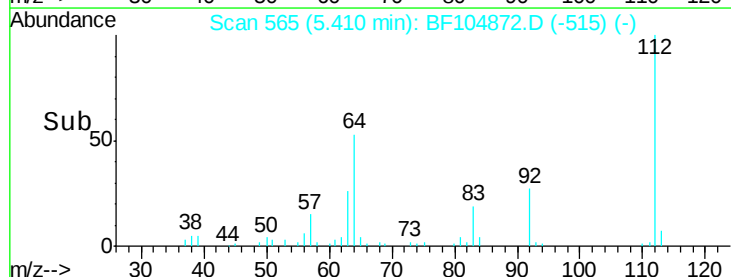
63 25.9 23.7 35.5



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: 9.397 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104872.D

Acq: 27 Apr 2018 9:38

Instrument :

BNA_F

ClientSampleId :

S-3-A

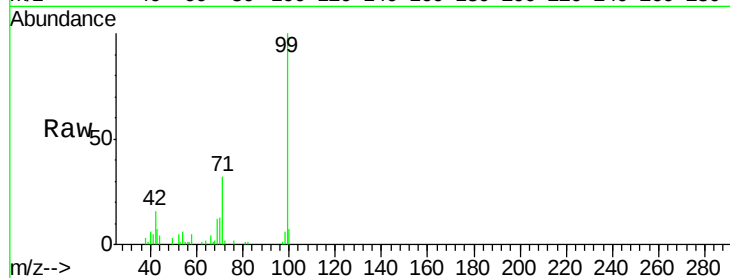
Tot Ion: 99 Resp: 73456

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

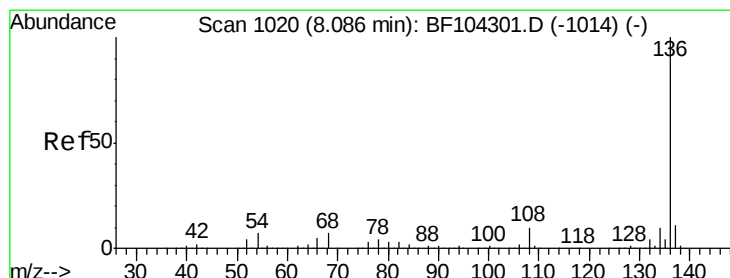
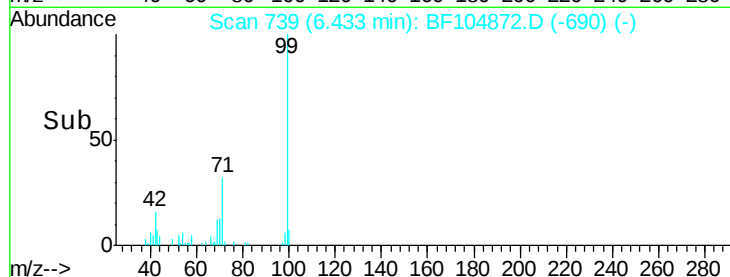
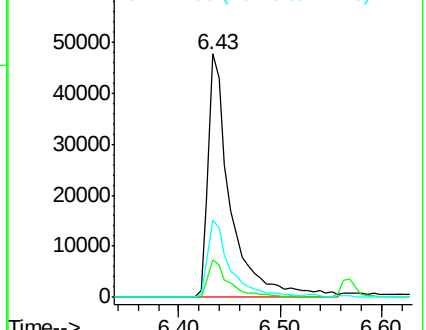
71 31.6 25.4 38.0



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: BF104872.D

Acq: 27 Apr 2018 9:38

Tgt Ion: 136 Resp: 369147

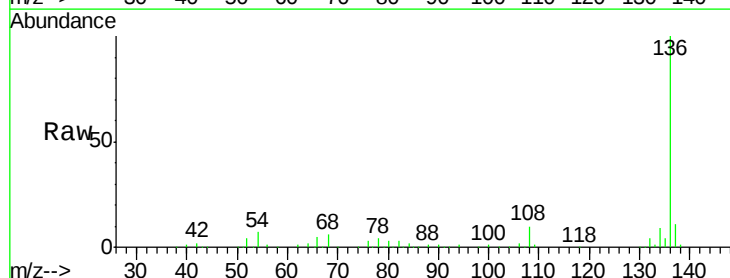
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.5 6.6 9.8#

68 5.6 5.0 7.4

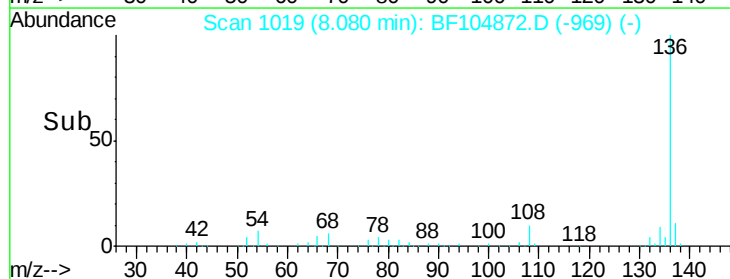
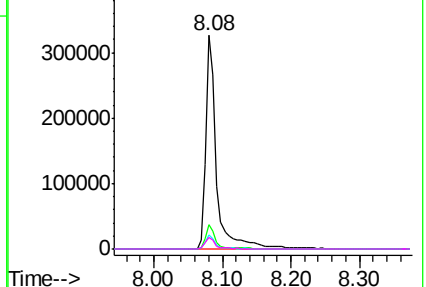


Abundance Ion 136.00 (135.70 to 136.70): E

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

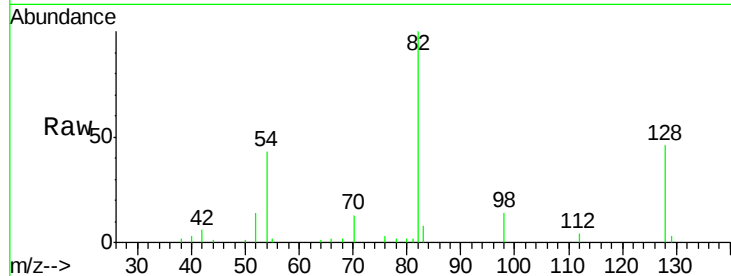




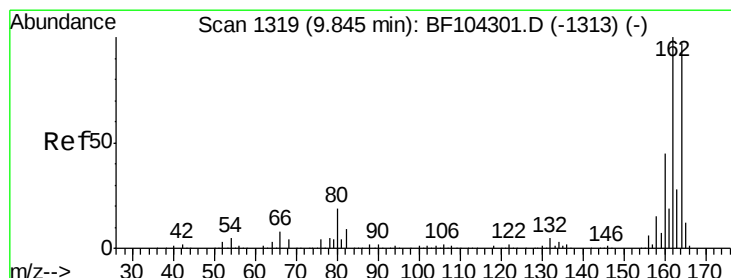
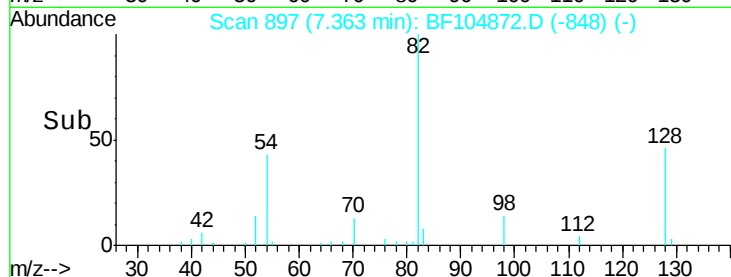
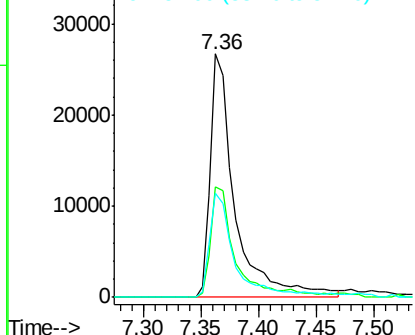
#23
Nitrobenzene-d5
Concen: 7.043 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104872.D
Acq: 27 Apr 2018 9:38

Instrument :
BNA_F
ClientSampleId :
S-3-A

Tot Ion: 82 Resp: 39818
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 42.6 41.4 62.2

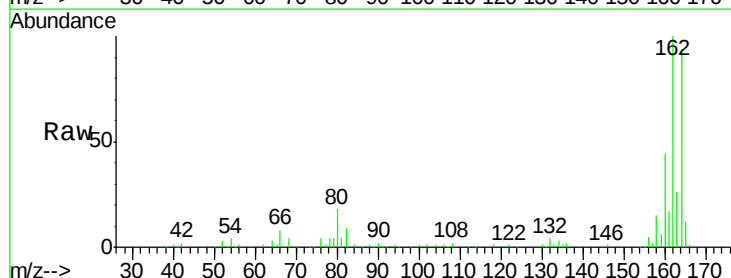


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

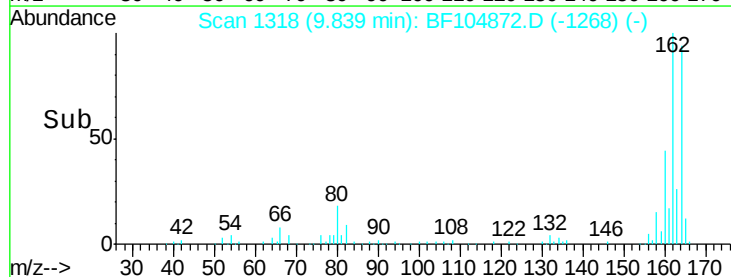
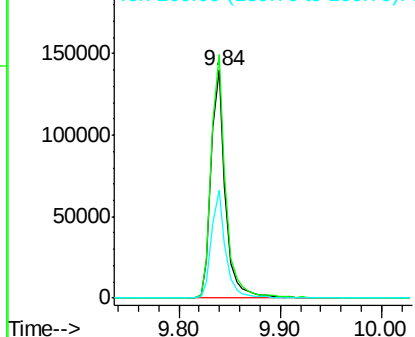


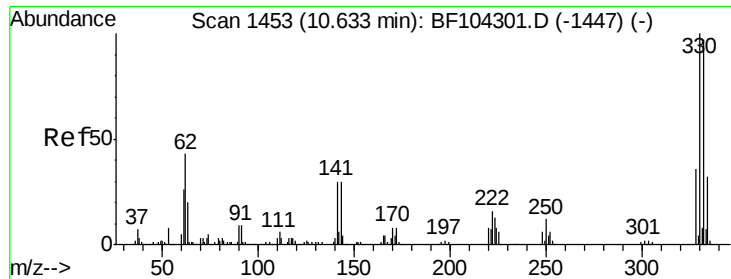
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104872.D
Acq: 27 Apr 2018 9:38

Tgt Ion: 164 Resp: 138213
Ion Ratio Lower Upper
164 100
162 106.9 86.1 129.1
160 47.2 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

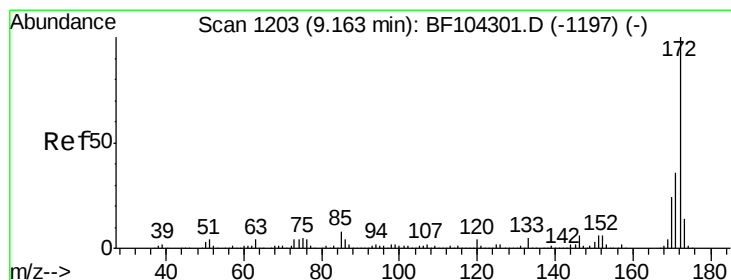
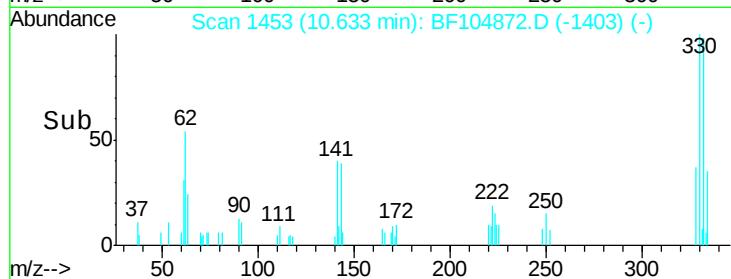
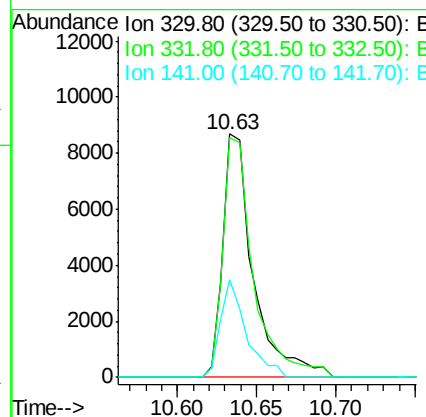
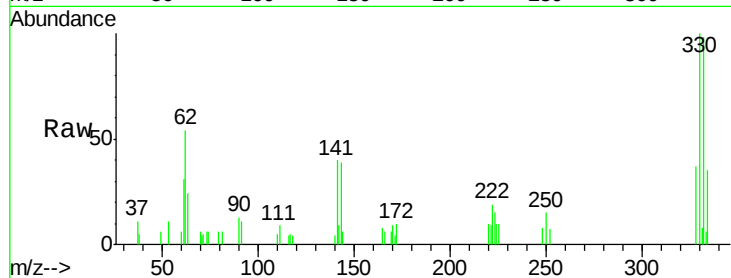




#41
 2,4,6-Tribromophenol
 Concen: 8.117 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104872.D
 Acq: 27 Apr 2018 9:38

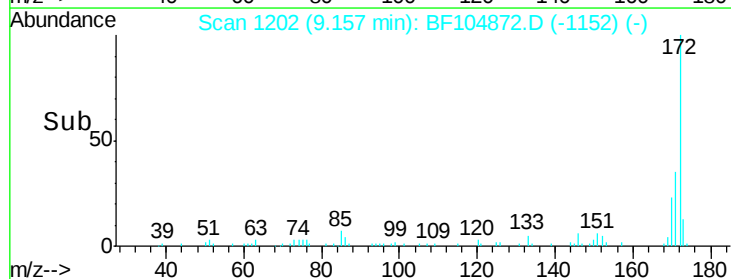
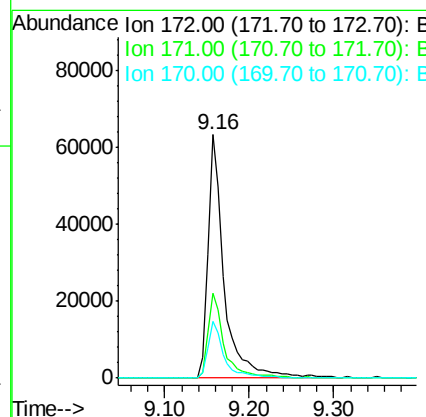
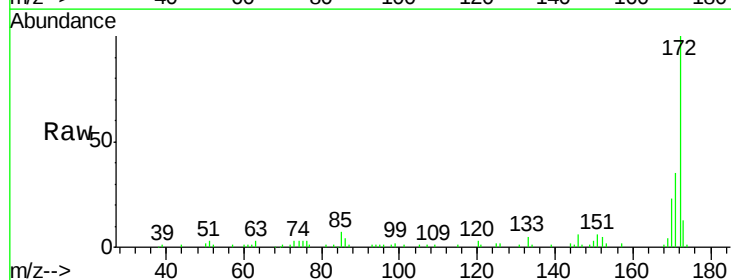
Instrument :
 BNA_F
 ClientSampleId :
 S-3-A

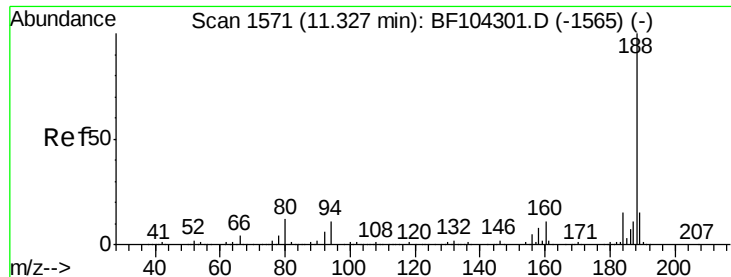
Tot Ion	330	Resp	11638
Ion Ratio	Lower	Upper	
330	100		
332	98.5	77.0	115.6
141	33.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 9.572 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104872.D
 Acq: 27 Apr 2018 9:38

Tgt Ion	172	Resp	83743
Ion Ratio	Lower	Upper	
172	100		
171	34.7	29.7	44.5
170	23.4	19.6	29.4

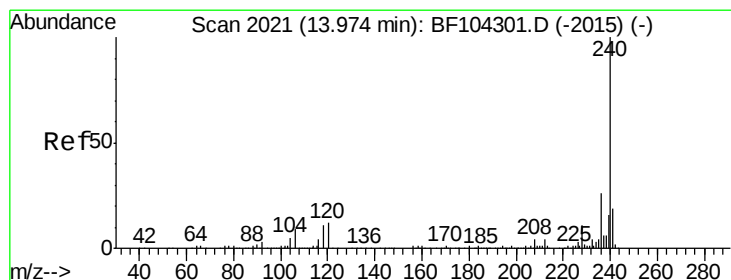
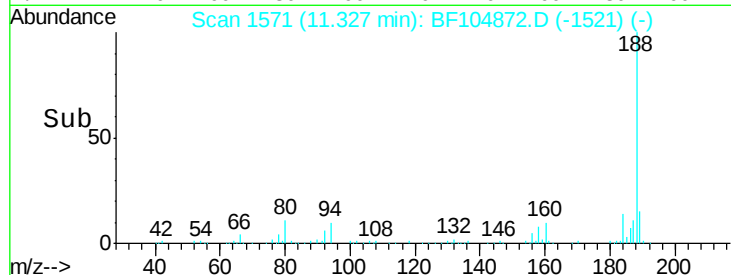
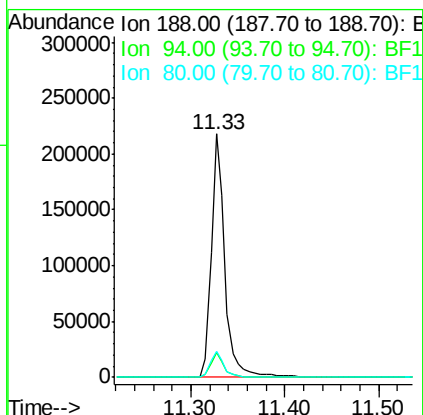
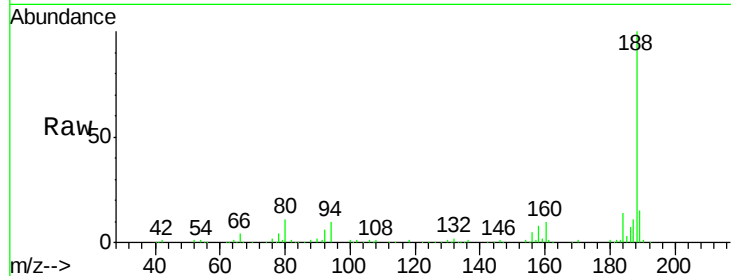




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104872.D
Acq: 27 Apr 2018 9:38

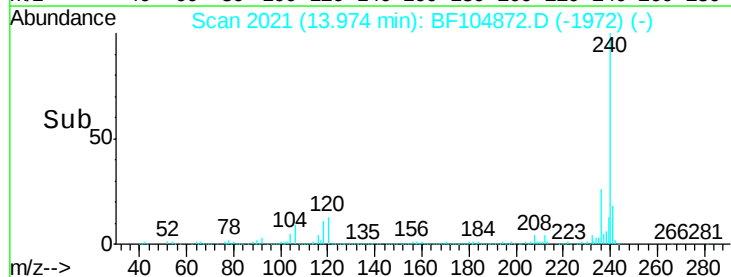
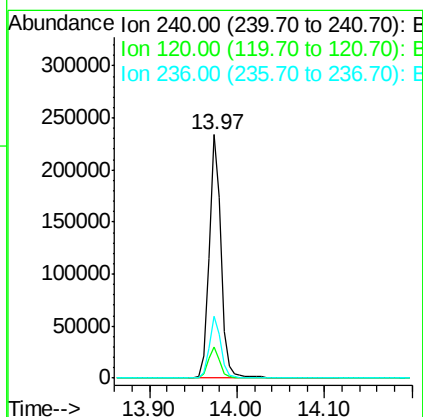
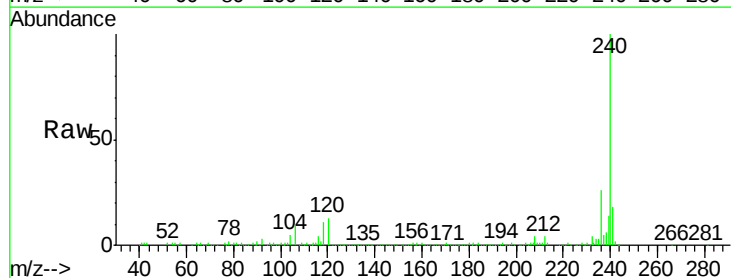
Instrument :
BNA_F
ClientSampleId :
S-3-A

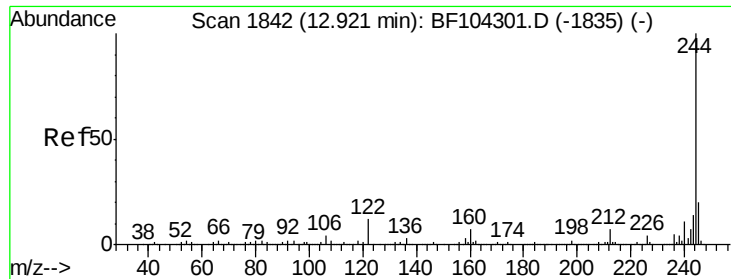
Tot Ion:188 Resp: 222257
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104872.D
Acq: 27 Apr 2018 9:38

Tgt Ion:240 Resp: 219899
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 25.5 20.7 31.1

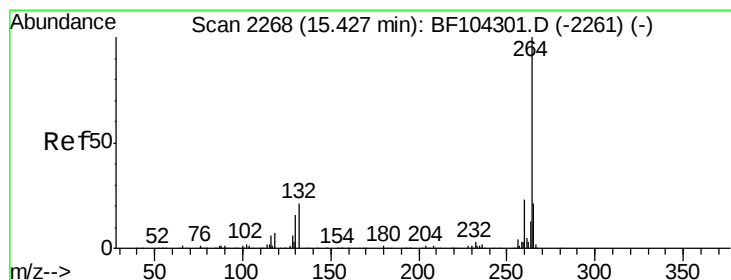
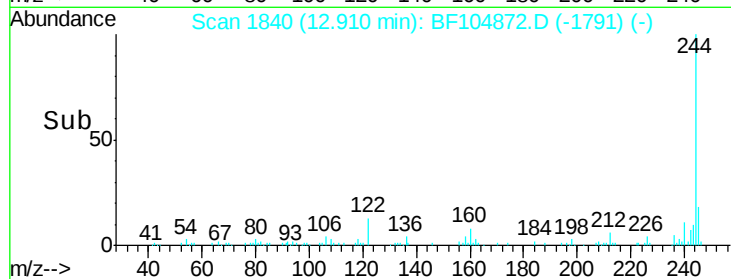
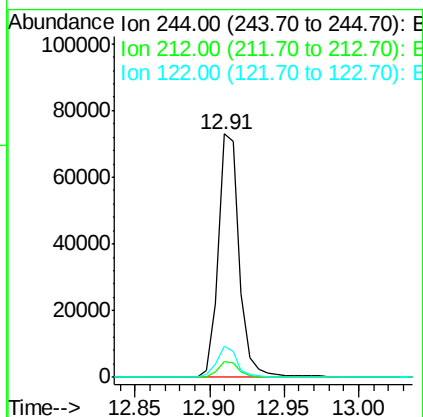
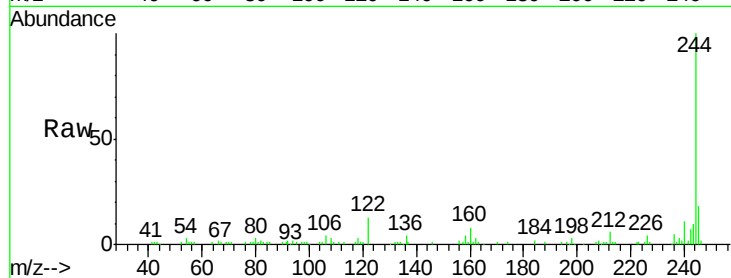




#78
 Terphenyl-d14
 Concen: 7.525 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF104872.D
 Acq: 27 Apr 2018 9:38

Instrument :
 BNA_F
 ClientSampleId :
 S-3-A

Tot Ion:244 Resp: 72582
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 12.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.02 min
 Lab File: BF104872.D
 Acq: 27 Apr 2018 9:38

Tgt Ion:264 Resp: 149779
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 19.9 17.5 26.3

