

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104775.D
 Acq On : 24 Apr 2018 23:42
 Operator : JU/SJ
 Sample : PB108528BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108528BL

Quant Time: Apr 25 01:08:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	101747	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	415040	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	177940	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	280392	20.00	ng	0.00
75) Chrysene-d12	13.99	240	202377	20.00	ng	0.00
86) Perylene-d12	15.46	264	135659	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	750629	112.80	ng	0.02
7) Phenol-d6	6.46	99	897046	109.72	ng	0.01
23) Nitrobenzene-d5	7.37	82	547654	86.16	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	192322	104.19	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1036882	92.05	ng	0.00
78) Terphenyl-d14	12.93	244	833079	93.85	ng	0.00

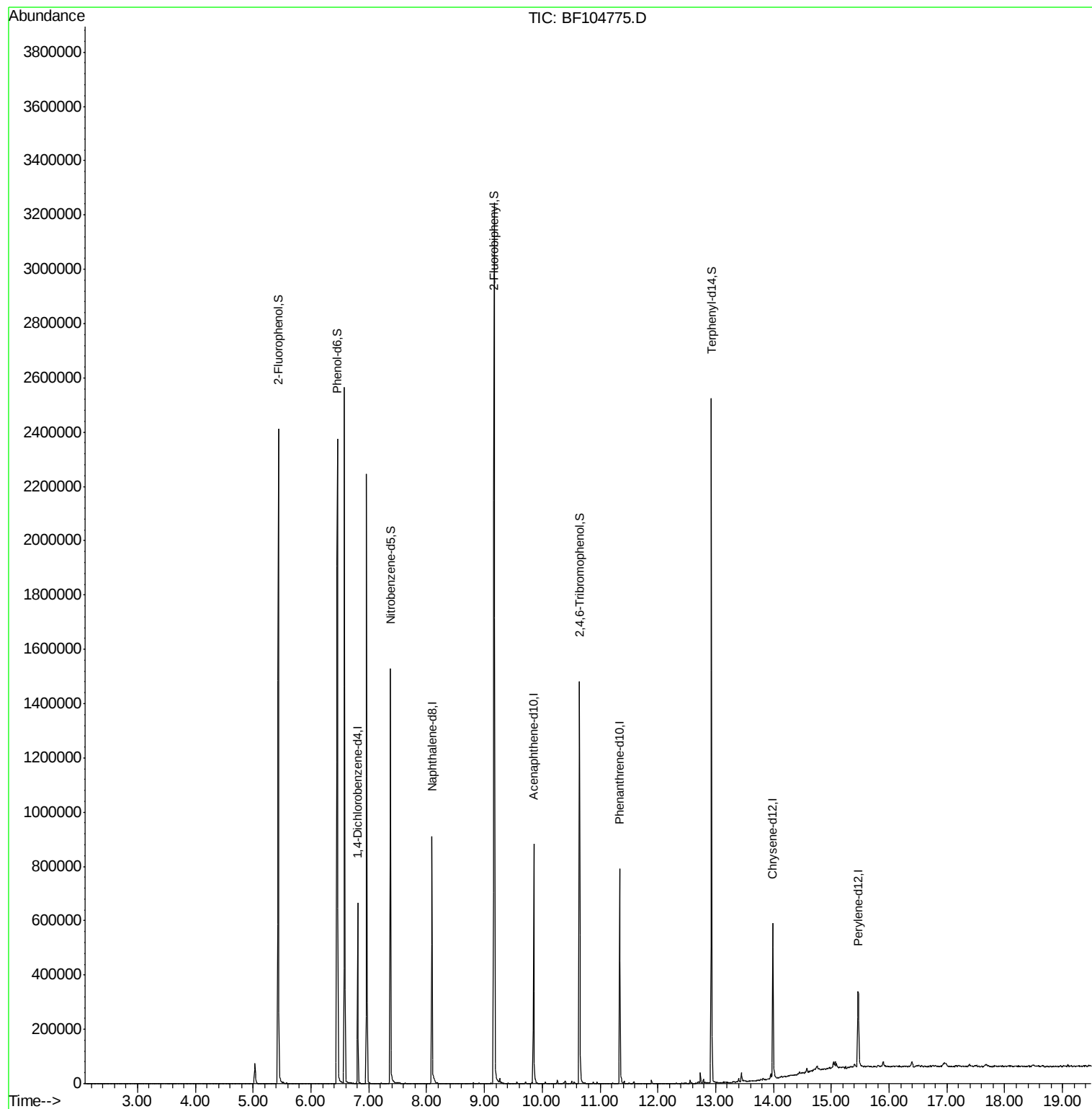
Target Compounds Qvalue

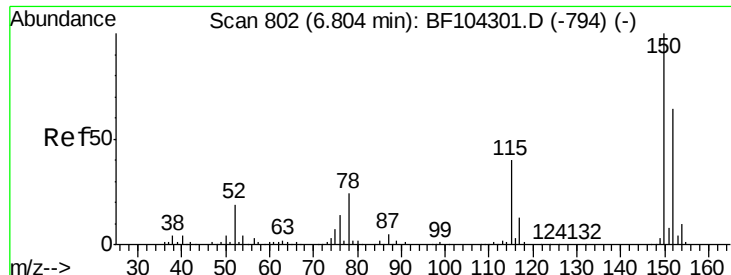
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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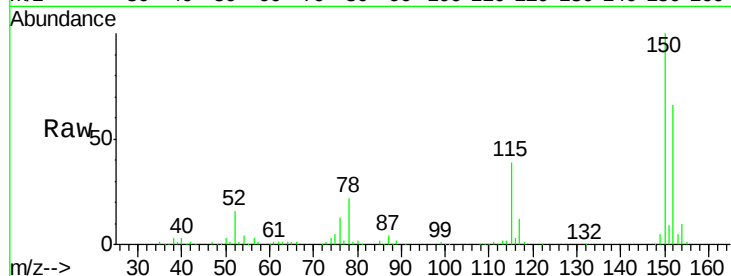


#1

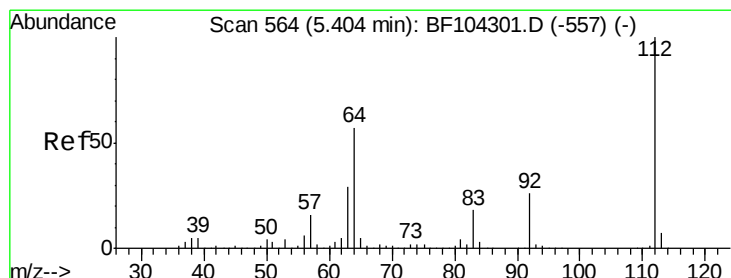
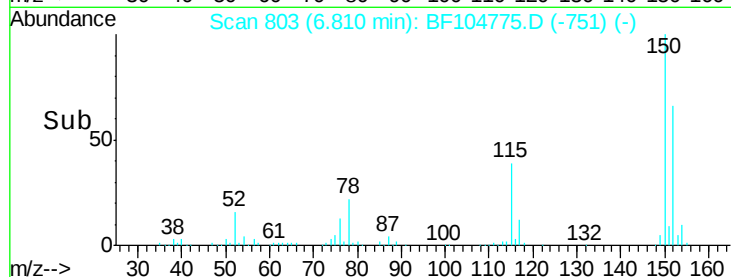
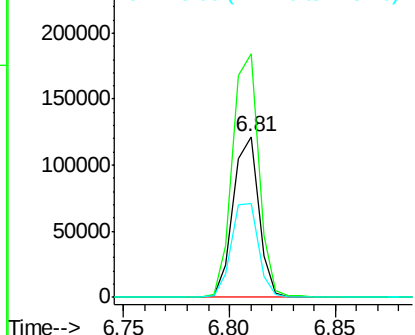
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.01 min
 Lab File: BF104775.D
 Acq: 24 Apr 2018 23:42

Instrument :
 BNA_F
 ClientSampleId :
 PB108528BL

Tot Ion:152 Resp: 101747
 Ion Ratio Lower Upper
 152 100
 150 151.4 124.6 186.8
 115 58.4 50.1 75.1



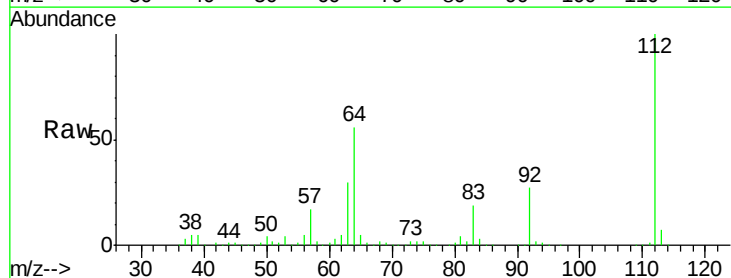
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



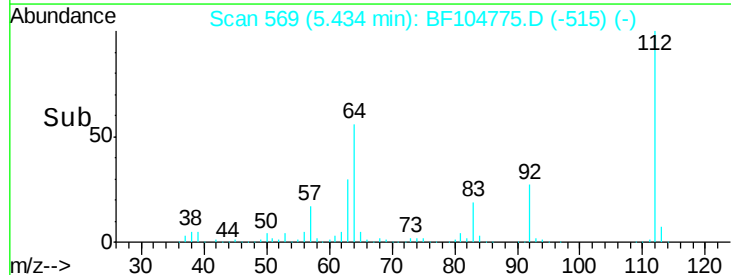
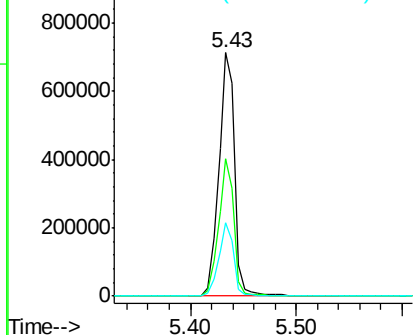
#5

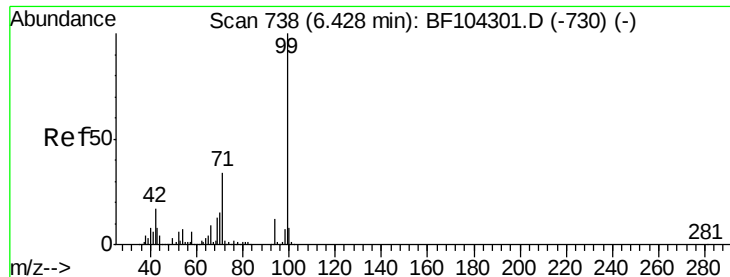
2-Fluorophenol
 Concen: 112.805 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.02 min
 Lab File: BF104775.D
 Acq: 24 Apr 2018 23:42

Tgt Ion:112 Resp: 750629
 Ion Ratio Lower Upper
 112 100
 64 56.4 47.9 71.9
 63 30.1 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: 109.718 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104775.D

Acq: 24 Apr 2018 23:42

Instrument :

BNA_F

ClientSampleId :

PB108528BL

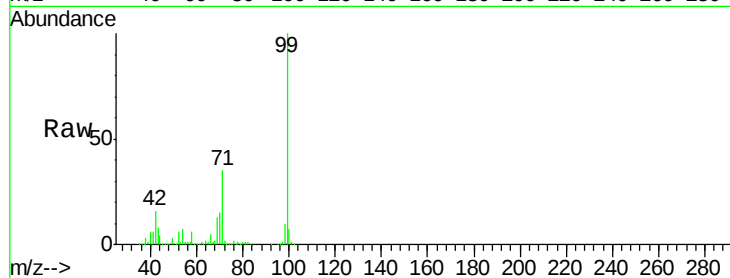
Tot Ion: 99 Resp: 897046

Ion Ratio Lower Upper

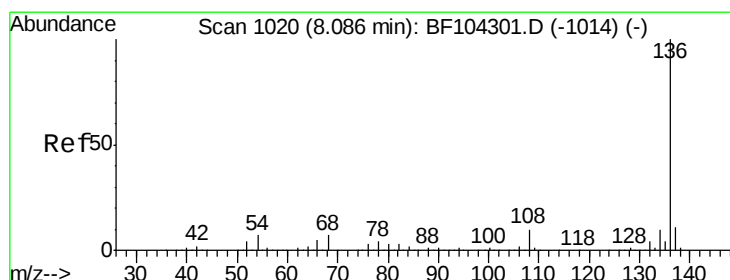
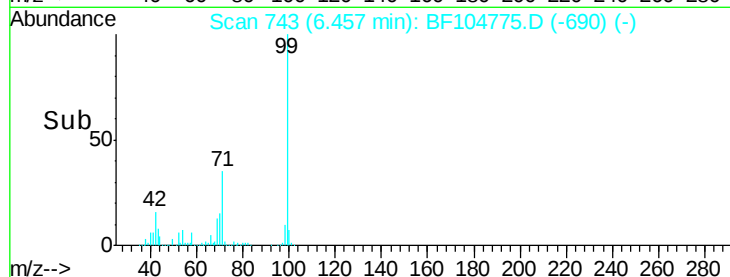
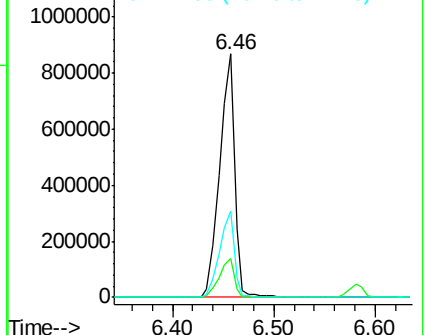
99 100

42 16.2 14.5 21.7

71 35.1 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: BF104775.D

Acq: 24 Apr 2018 23:42

Tgt Ion: 136 Resp: 415040

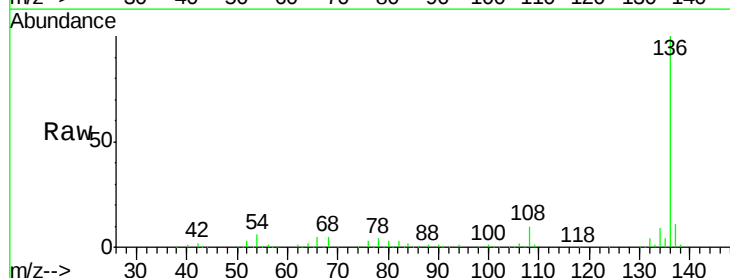
Ion Ratio Lower Upper

136 100

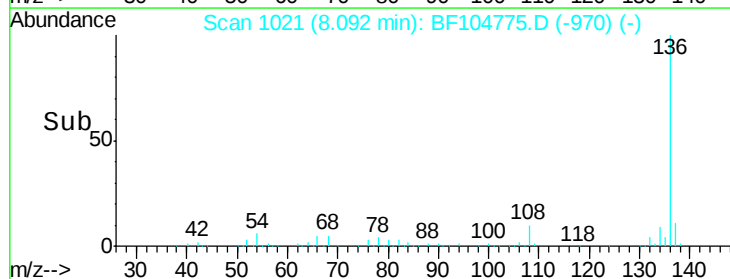
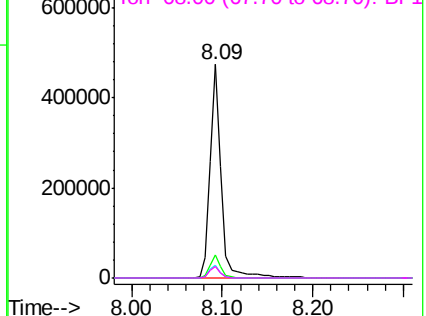
137 10.8 8.9 13.3

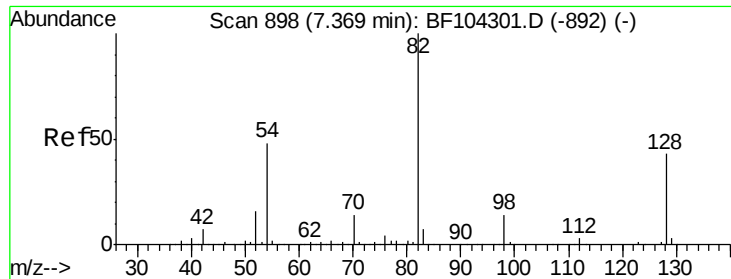
54 6.2 6.6 9.8#

68 5.5 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): BF1
Ion 137.00 (136.70 to 137.70): BF1
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

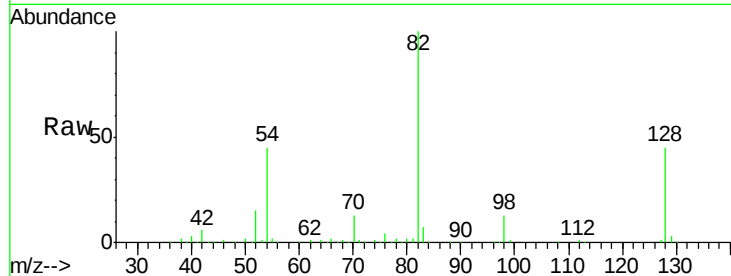




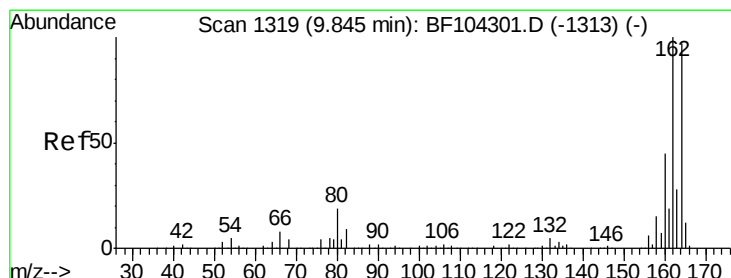
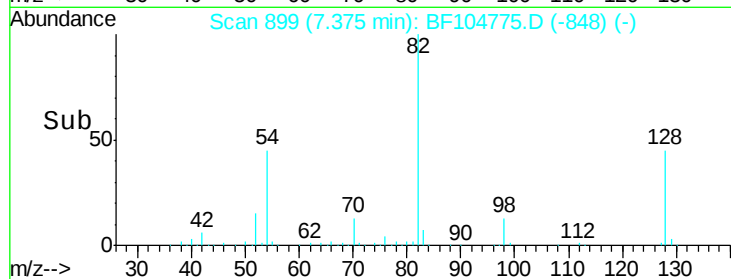
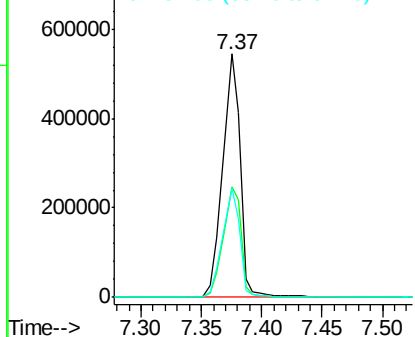
#23
 Nitrobenzene-d5
 Concen: 86.162 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104775.D
 Acq: 24 Apr 2018 23:42

Instrument :
 BNA_F
 ClientSampleId :
 PB108528BL

Tot Ion: 82 Resp: 547654
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.1 54.1
 54 45.0 41.4 62.2

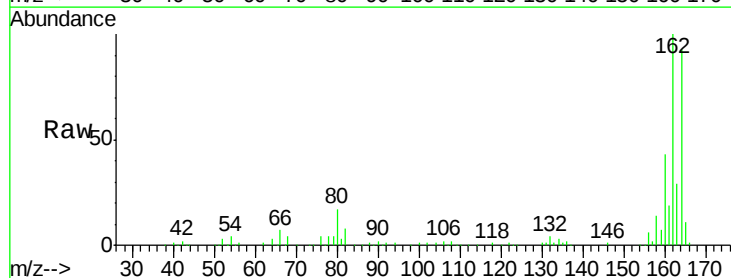


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

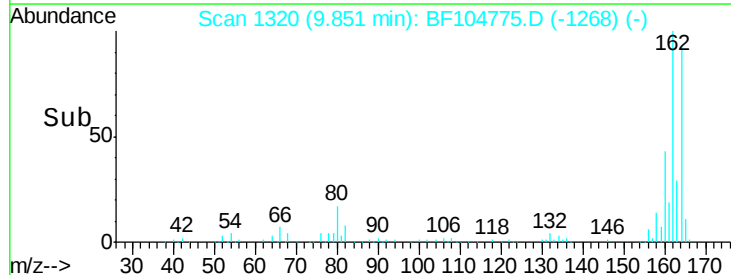
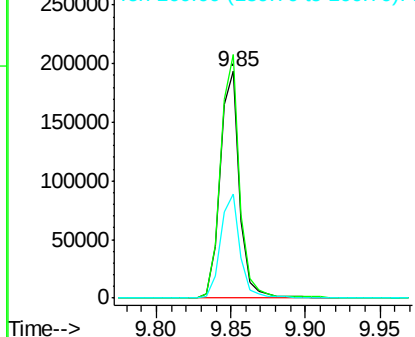


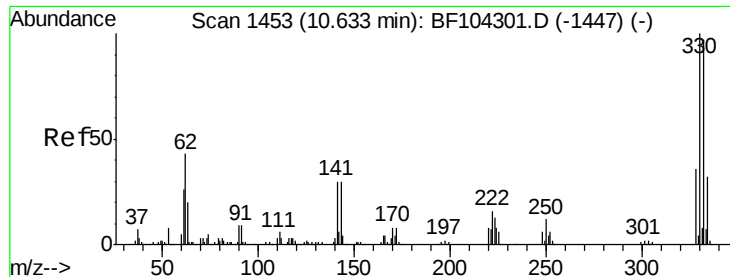
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF104775.D
 Acq: 24 Apr 2018 23:42

Tgt Ion: 164 Resp: 177940
 Ion Ratio Lower Upper
 164 100
 162 107.5 86.1 129.1
 160 46.2 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

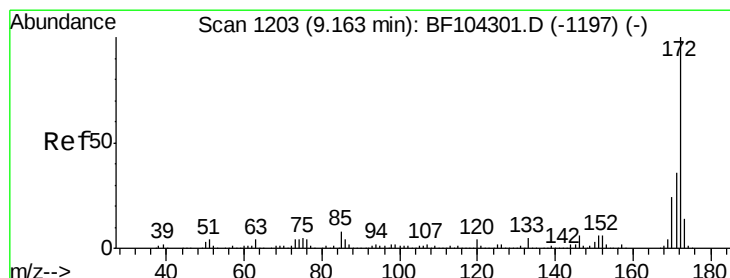
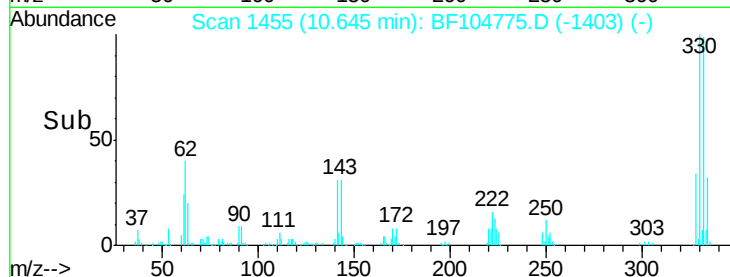
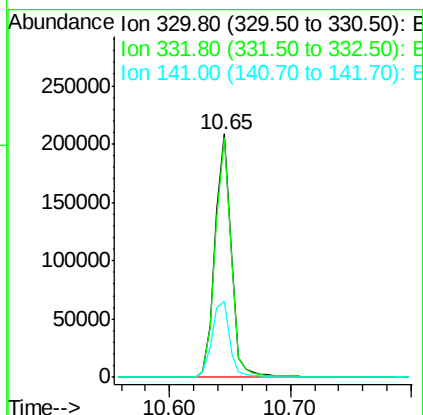
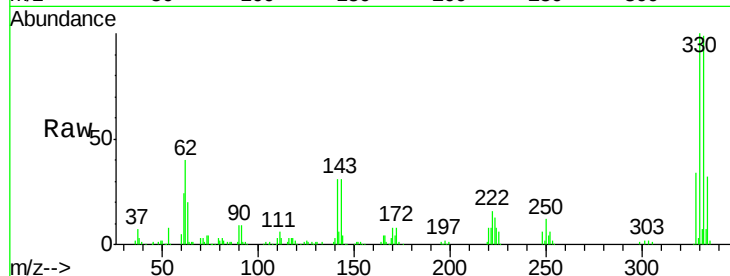




#41
 2,4,6-Tribromophenol
 Concen: 104.193 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104775.D
 Acq: 24 Apr 2018 23:42

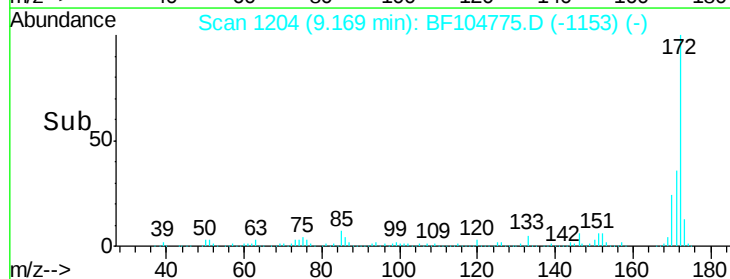
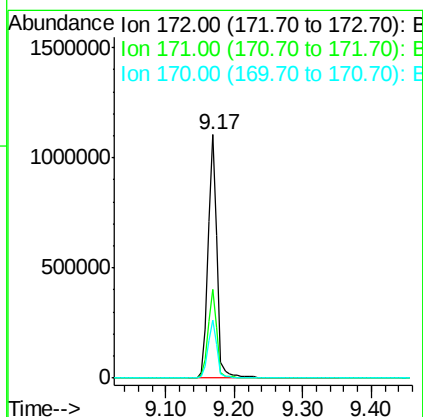
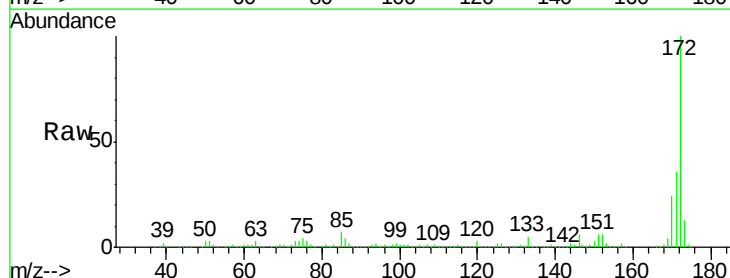
Instrument :
 BNA_F
 ClientSampled :
 PB108528BL

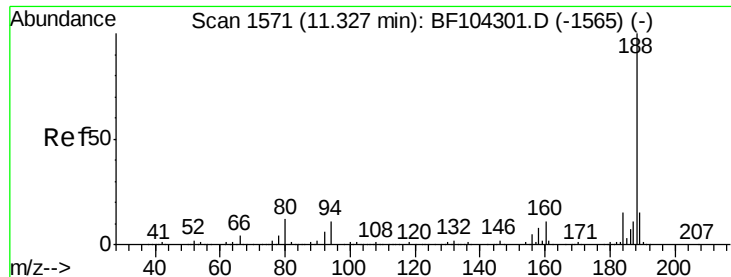
Tot Ion:330 Resp: 192322
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 34.2 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 92.054 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104775.D
 Acq: 24 Apr 2018 23:42

Tgt Ion:172 Resp: 1036882
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.7 19.6 29.4

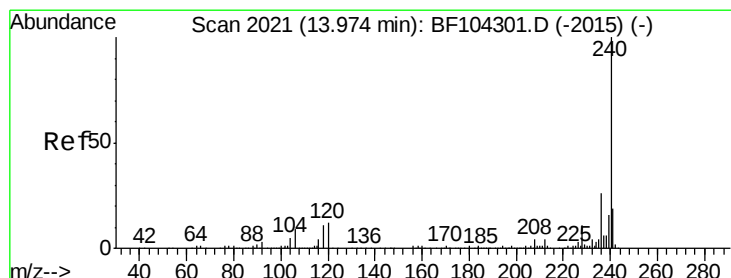
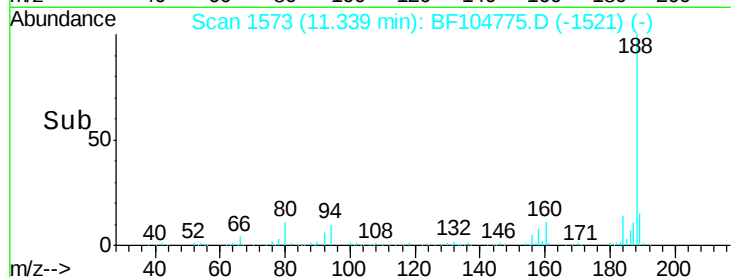
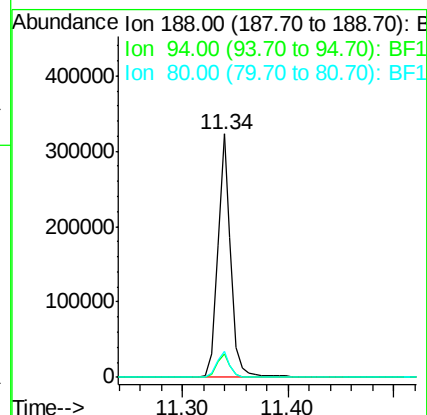
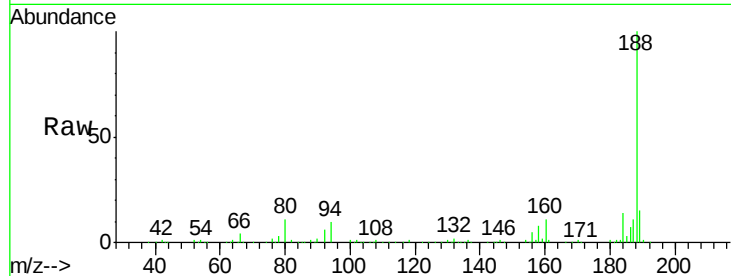




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104775.D
Acq: 24 Apr 2018 23:42

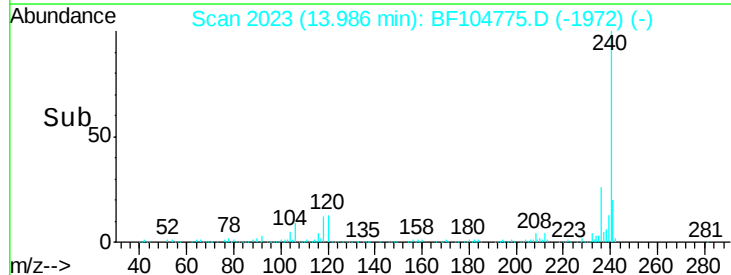
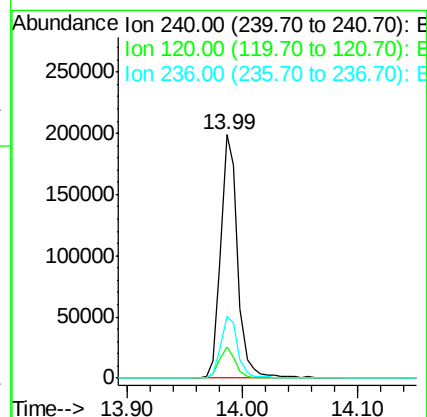
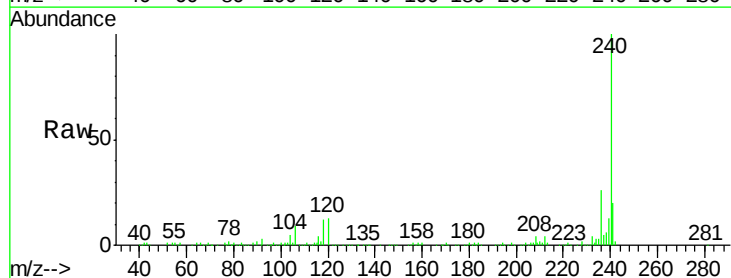
Instrument :
BNA_F
ClientSampleId :
PB108528BL

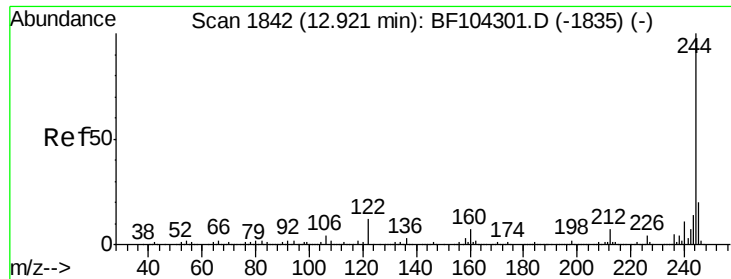
Tot Ion:188 Resp: 280392
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF104775.D
Acq: 24 Apr 2018 23:42

Tgt Ion:240 Resp: 202377
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 25.6 20.7 31.1

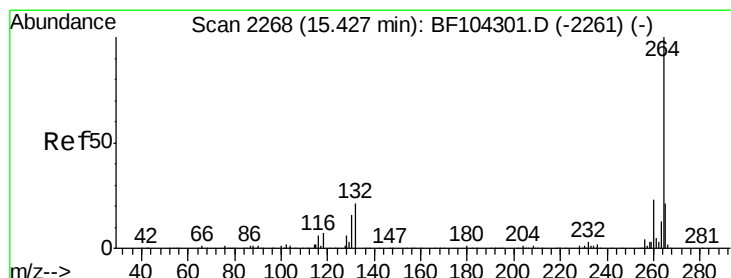
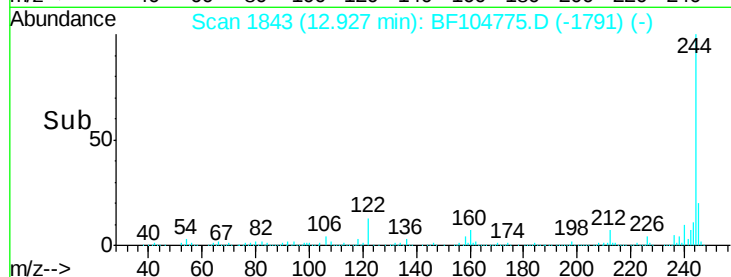
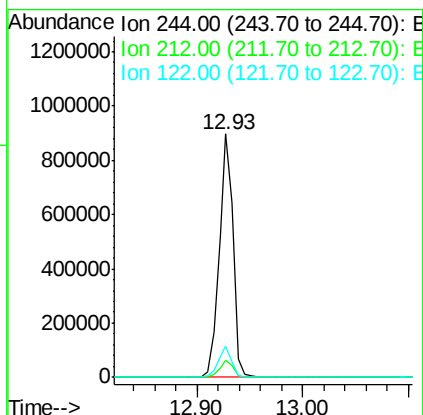
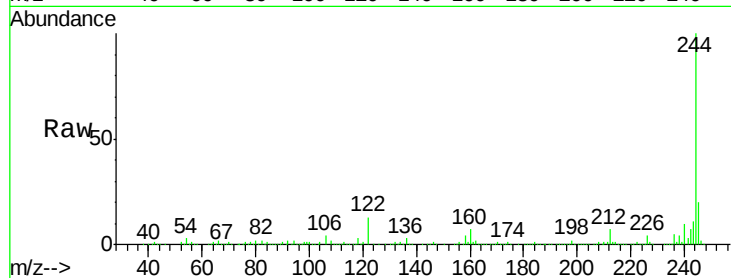




#78
 Terphenyl-d14
 Concen: 93.849 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF104775.D
 Acq: 24 Apr 2018 23:42

Instrument :
 BNA_F
 ClientSampleId :
 PB108528BL

Tot Ion:244 Resp: 833079
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF104775.D
 Acq: 24 Apr 2018 23:42

Tgt Ion:264 Resp: 135659
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 20.4 17.5 26.3

