

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104974.D
 Acq On : 1 May 2018 10:27
 Operator : JU/SJ
 Sample : PB108718BL
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108718BL

Quant Time: May 01 11:38:49 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	120393	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	484633	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	210226	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	329694	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	233881	20.00	ng	-0.01
86) Perylene-d12	15.43	264	173043	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	607193	77.12	ng	0.00
7) Phenol-d6	6.43	99	724434	74.88	ng	-0.01
23) Nitrobenzene-d5	7.36	82	636326	85.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	145604	66.77	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1133948	85.21	ng	0.00
78) Terphenyl-d14	12.90	244	866044	84.42	ng	-0.01

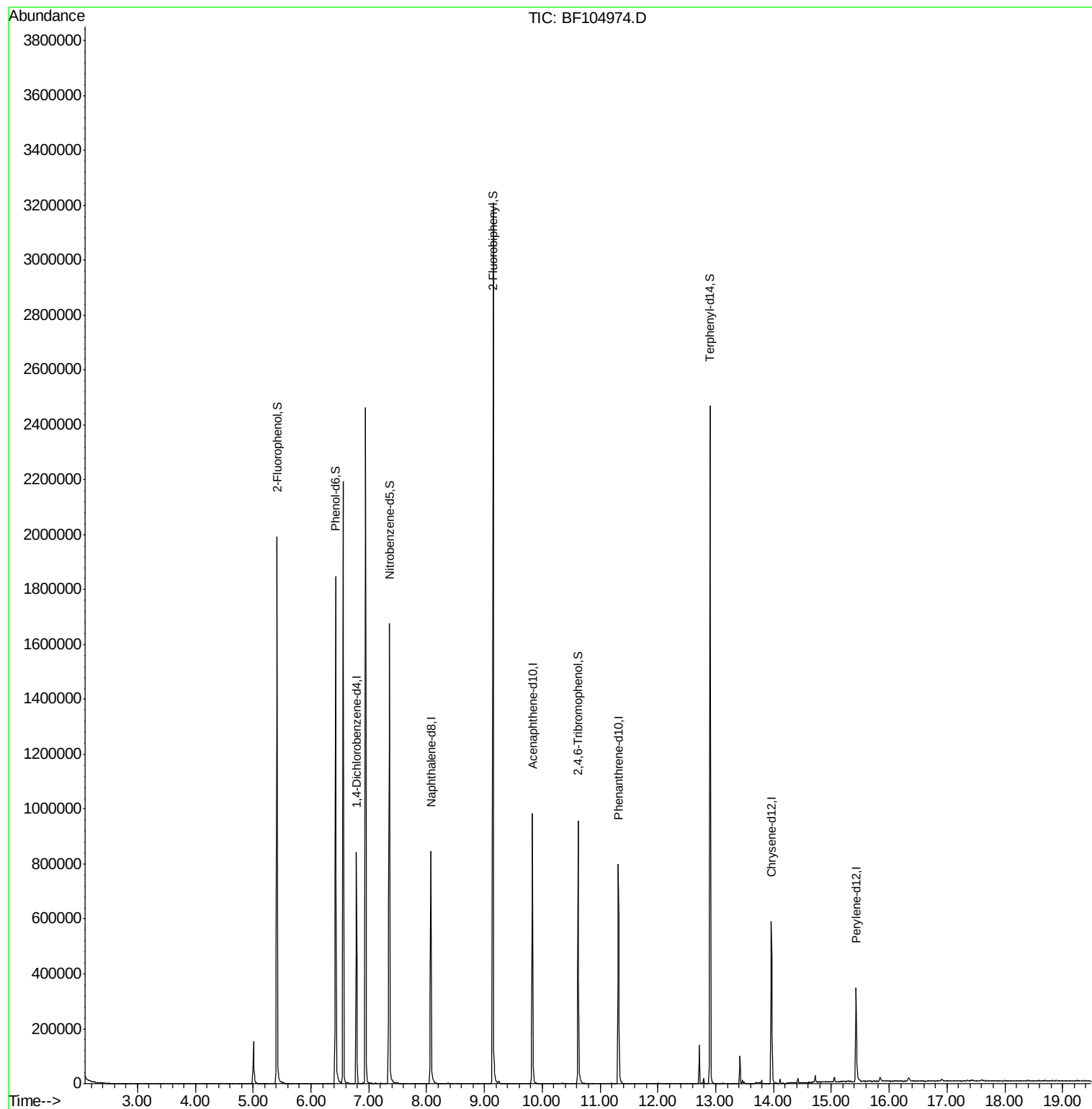
Target Compounds Qvalue

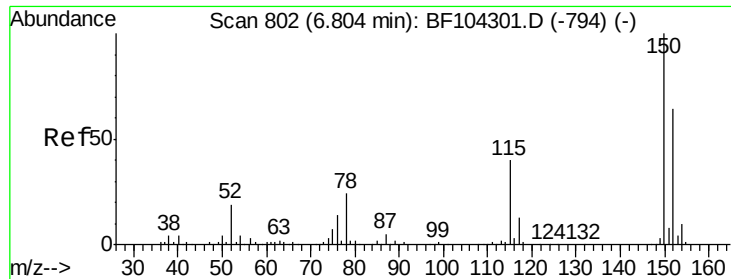
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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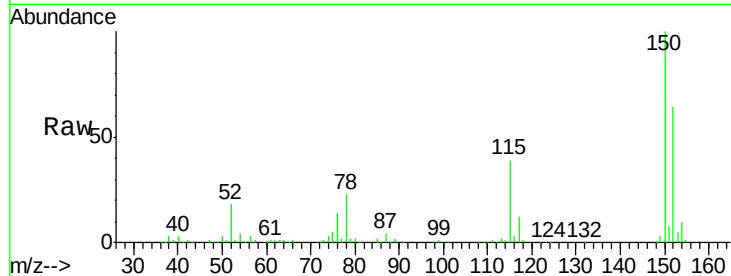


#1

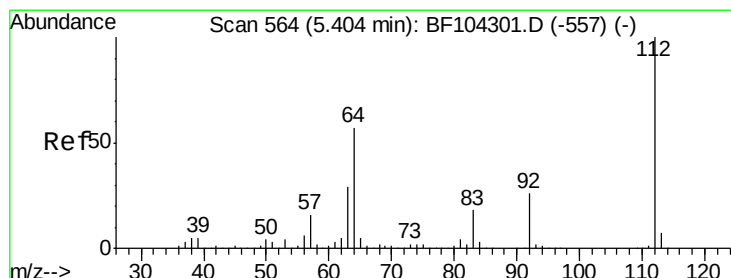
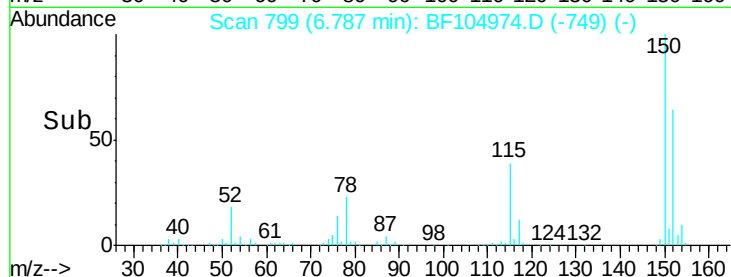
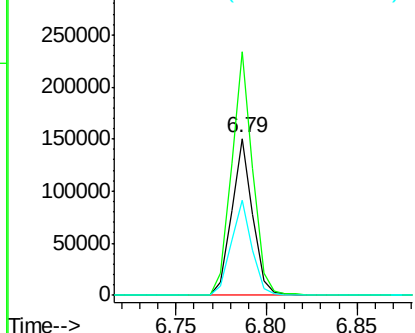
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF104974.D
 Acq: 1 May 2018 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB108718BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	60.7	50.1	75.1



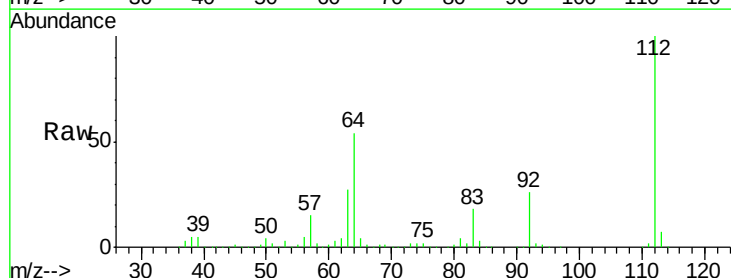
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



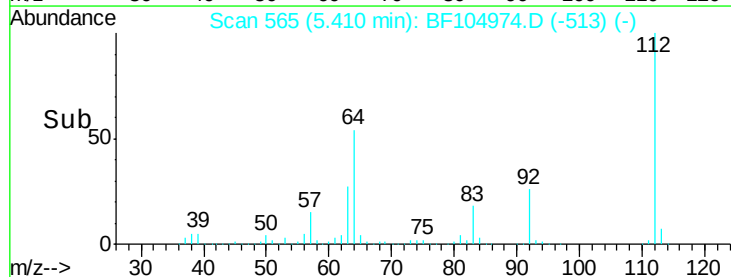
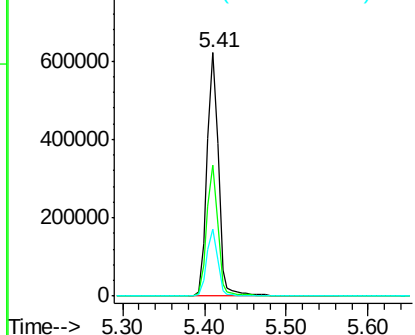
#5

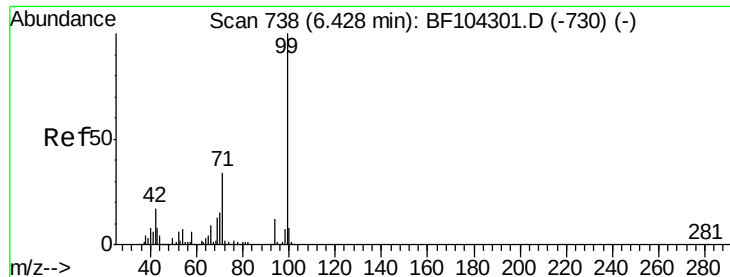
2-Fluorophenol
 Concen: 77.117 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF104974.D
 Acq: 1 May 2018 10:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	47.9	71.9
63	27.5	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: 74.883 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF104974.D

Acq: 1 May 2018 10:27

Instrument :

BNA_F

ClientSampleId :

PB108718BL

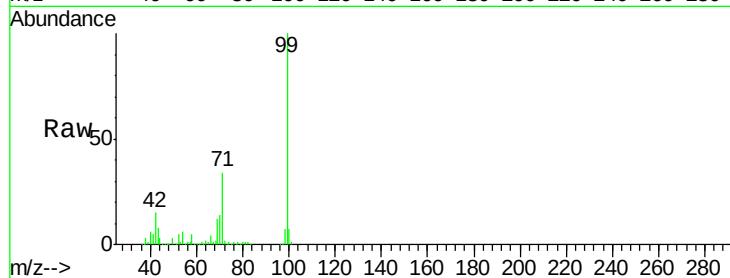
Tot Ion: 99 Resp: 724434

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

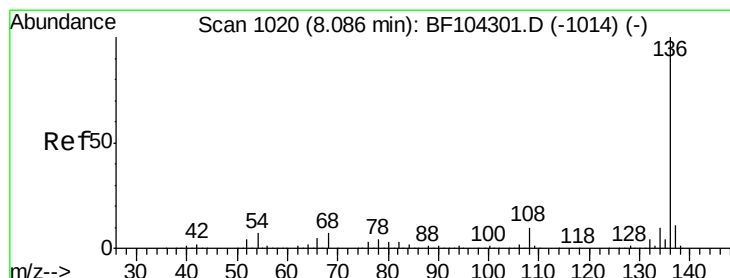
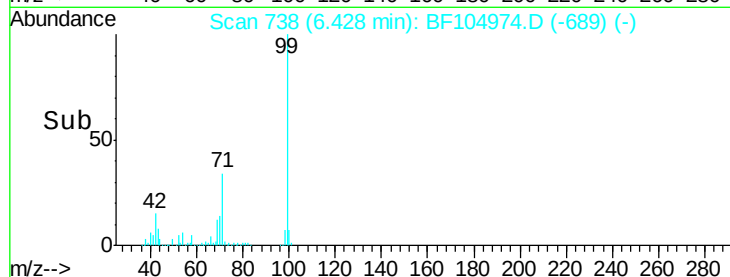
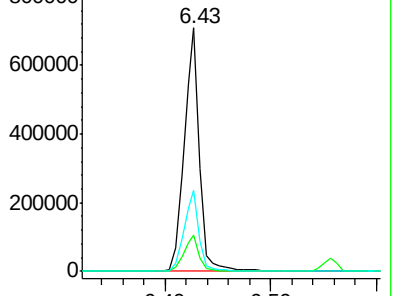
71 33.5 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF104974.D

Acq: 1 May 2018 10:27

Tgt Ion: 136 Resp: 484633

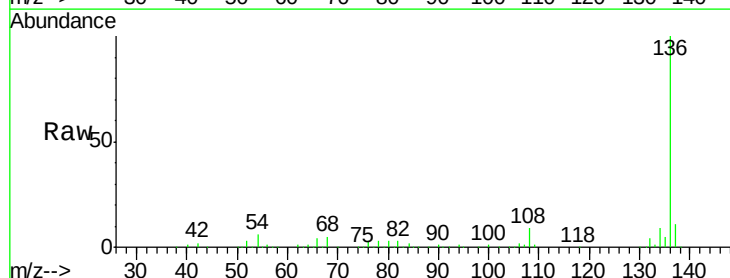
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 5.9 6.6 9.8#

68 5.2 5.0 7.4

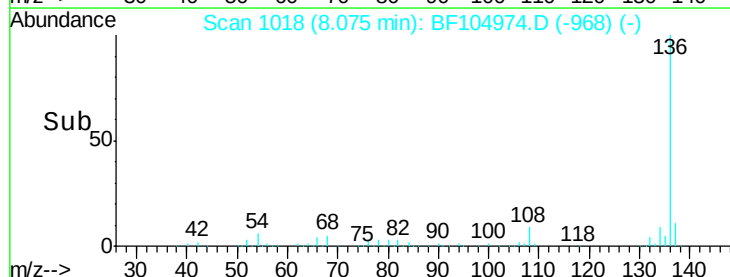
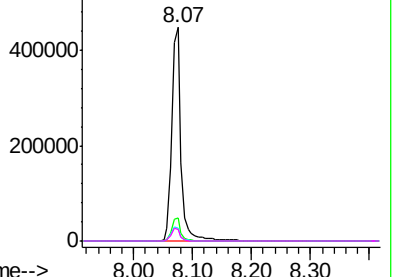


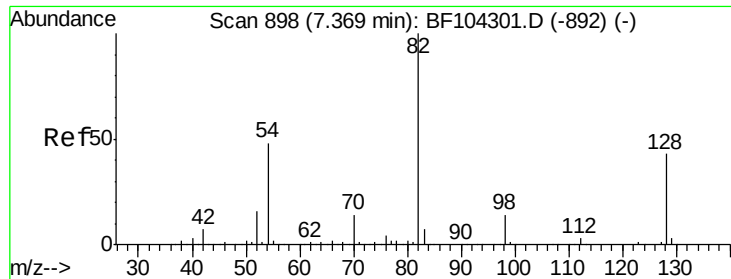
Abundance Ion 136.00 (135.70 to 136.70): E

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

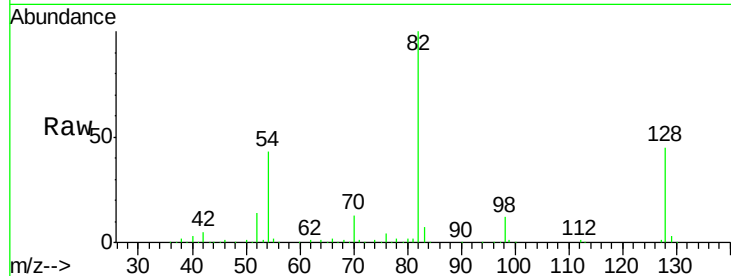




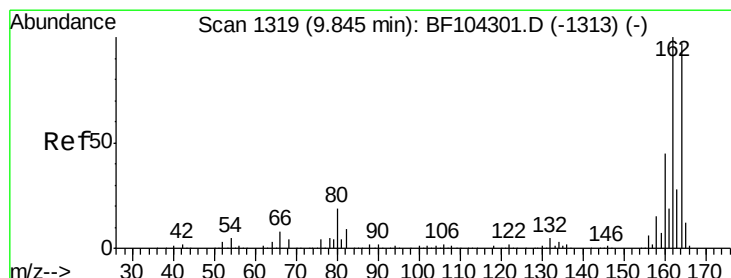
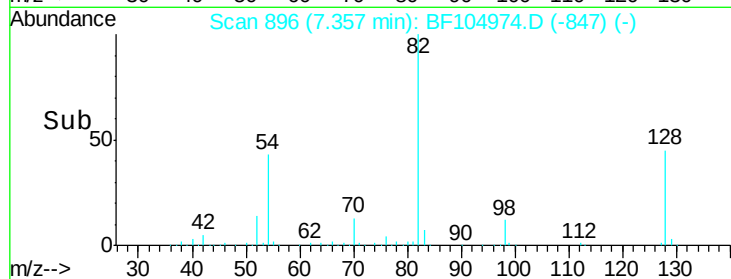
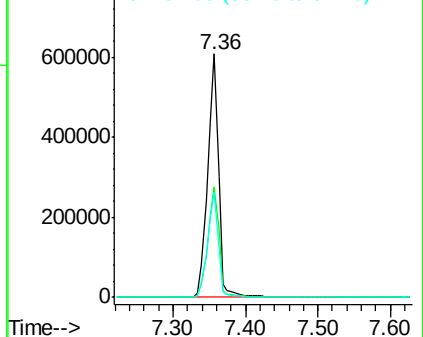
#23
 Nitrobenzene-d5
 Concen: 85.737 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF104974.D
 Acq: 1 May 2018 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB108718BL

Tot Ion	82	Resp	636326
Ion Ratio	100	Lower	Upper
128	45.3	36.1	54.1
54	43.1	41.4	62.2

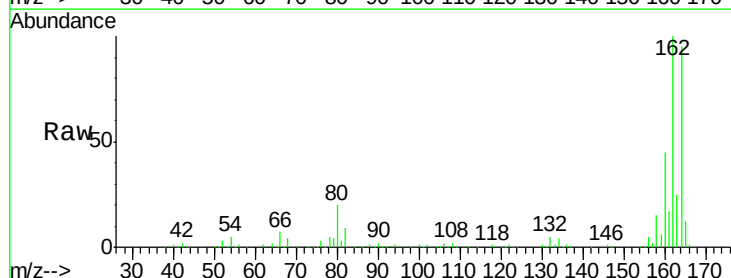


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

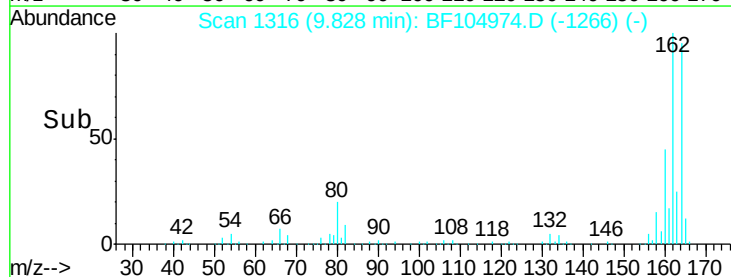
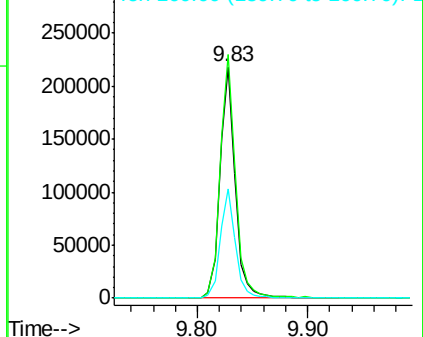


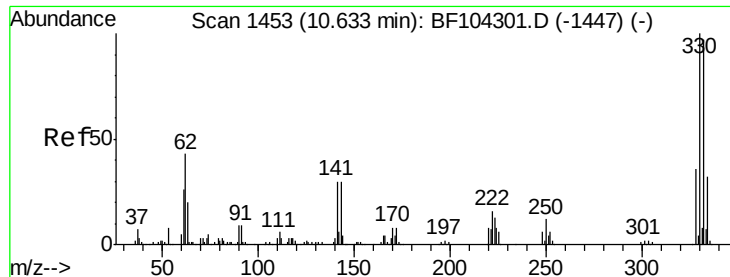
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF104974.D
 Acq: 1 May 2018 10:27

Tgt Ion	164	Resp	210226
Ion Ratio	100	Lower	Upper
162	105.4	86.1	129.1
160	47.4	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

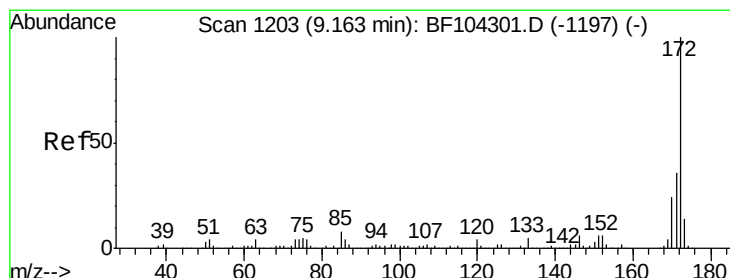
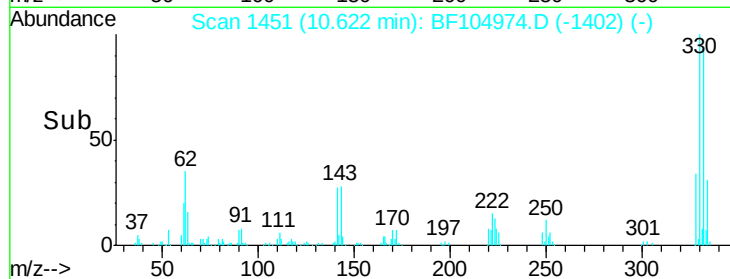
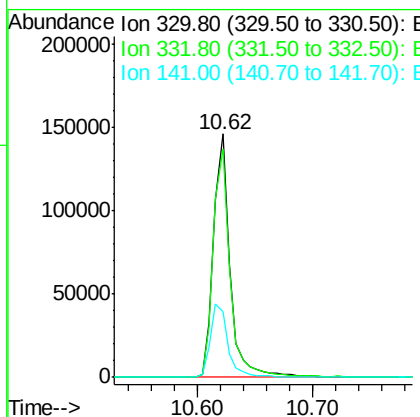
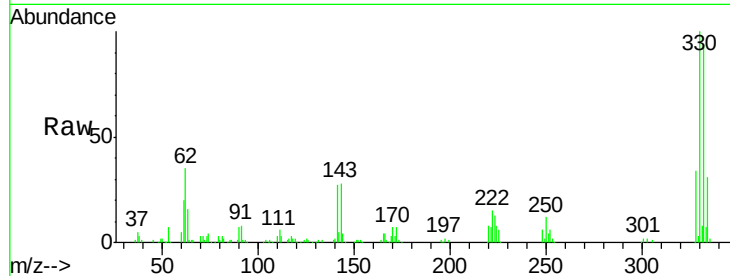




#41
 2,4,6-Tribromophenol
 Concen: 66.768 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF104974.D
 Acq: 1 May 2018 10:27

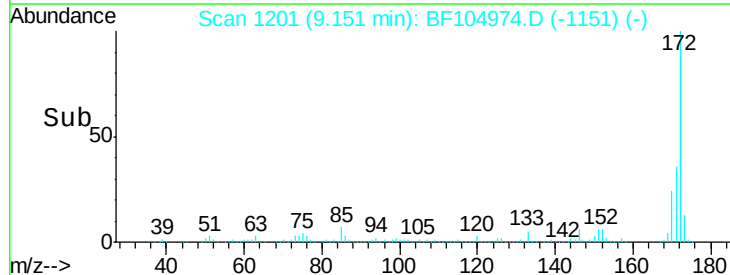
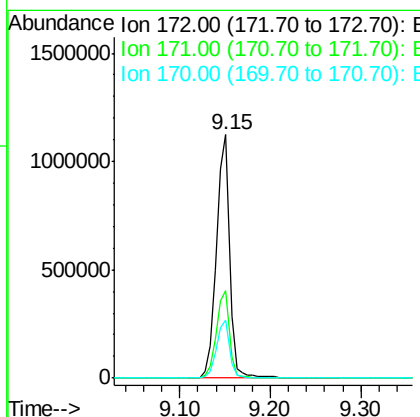
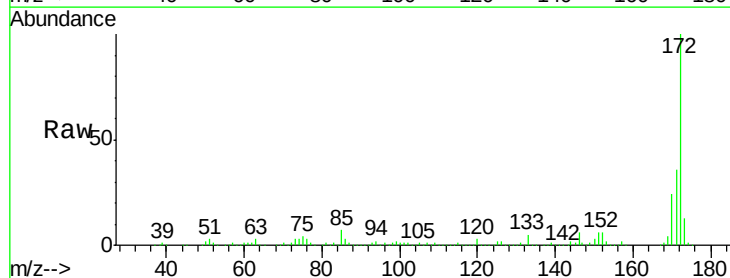
Instrument :
 BNA_F
 ClientSampleId :
 PB108718BL

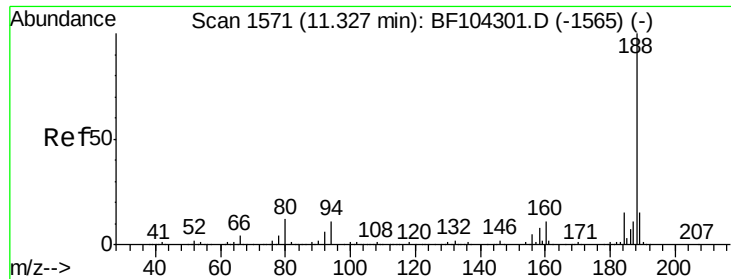
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	32.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 85.211 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104974.D
 Acq: 1 May 2018 10:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.6	19.6	29.4

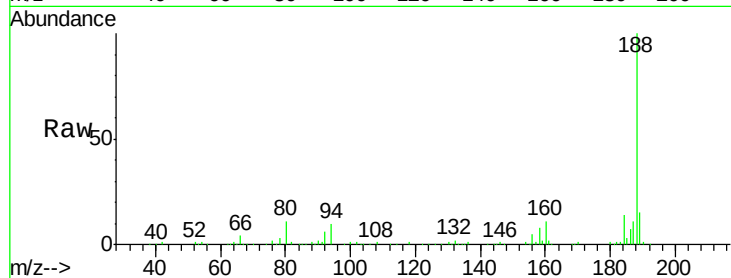




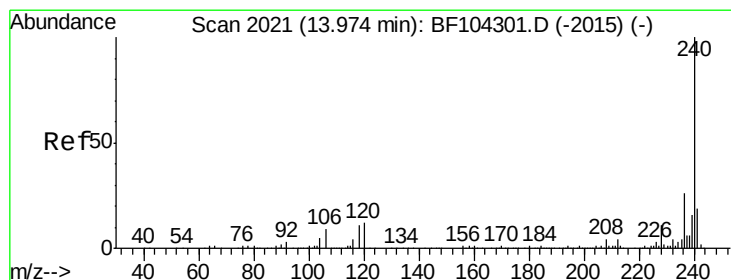
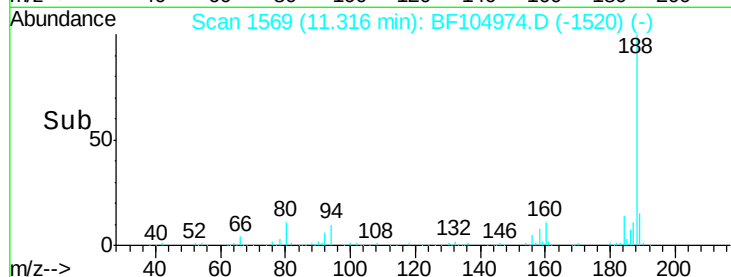
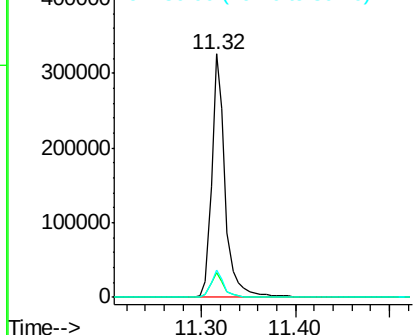
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF104974.D
Acq: 1 May 2018 10:27

Instrument :
BNA_F
ClientSampleId :
PB108718BL

Tot Ion:188 Resp: 329694
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.0 9.2 13.8

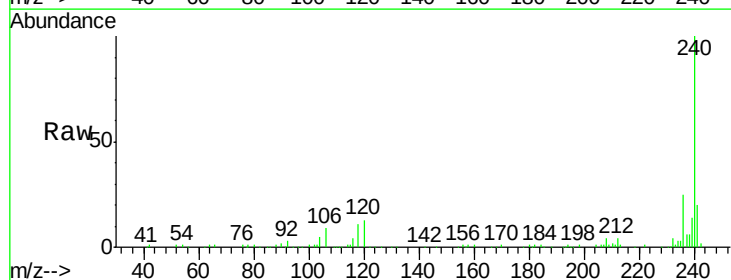


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

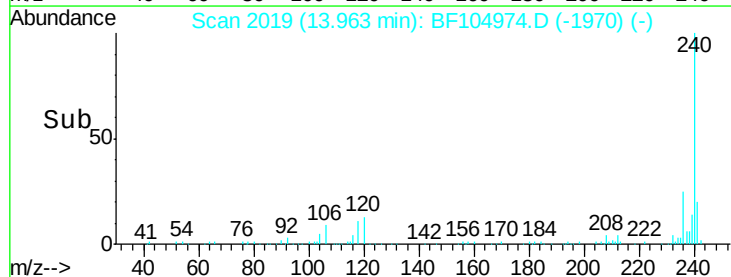
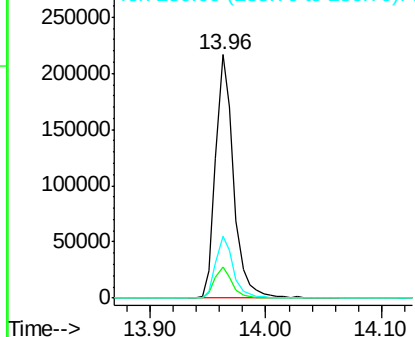


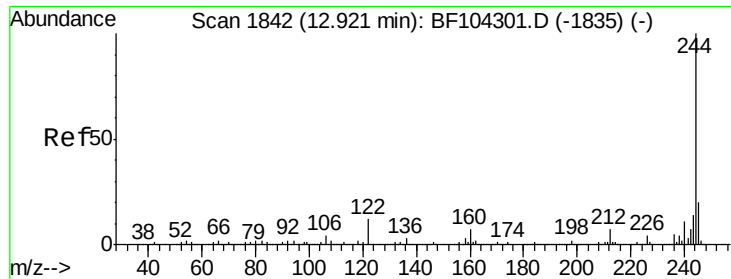
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF104974.D
Acq: 1 May 2018 10:27

Tgt Ion:240 Resp: 233881
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 25.4 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: 84.420 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF104974.D

Acq: 1 May 2018 10:27

Instrument :

BNA_F

ClientSampleId :

PB108718BL

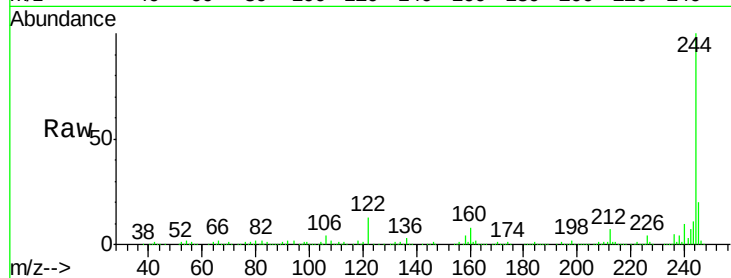
Tot Ion:244 Resp: 866044

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

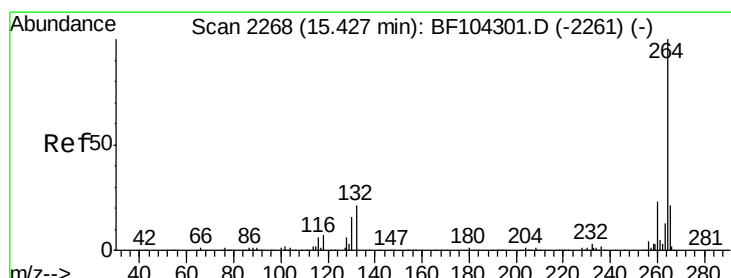
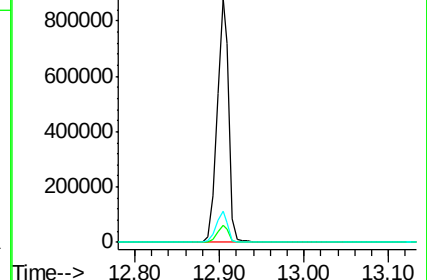
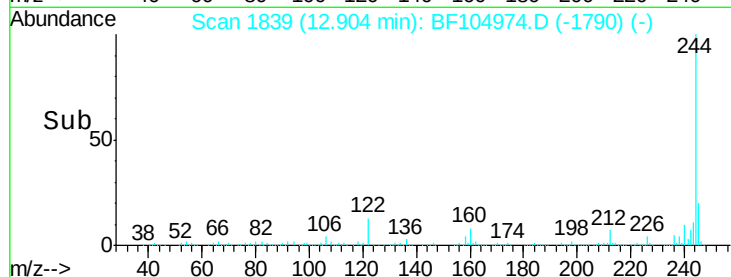
122 13.0 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF104974.D

Acq: 1 May 2018 10:27

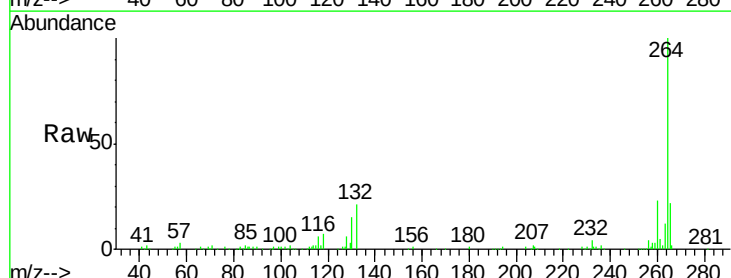
Tgt Ion:264 Resp: 173043

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.1 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

