

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104331.D
 Acq On : 7 Apr 2018 2:47
 Operator : JU/SJ
 Sample : PB108001BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108001BL

Quant Time: Apr 07 05:44:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	135587	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	542142	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	235065	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	353654	20.00	ng	0.00
75) Chrysene-d12	13.97	240	273266	20.00	ng	0.00
86) Perylene-d12	15.43	264	248460	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1000822	112.87	ng	0.02
7) Phenol-d6	6.43	99	1219734	111.95	ng	0.00
23) Nitrobenzene-d5	7.37	82	738554	88.95	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	237009	97.20	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1304004	87.64	ng	0.00
78) Terphenyl-d14	12.92	244	933315	77.87	ng	0.00

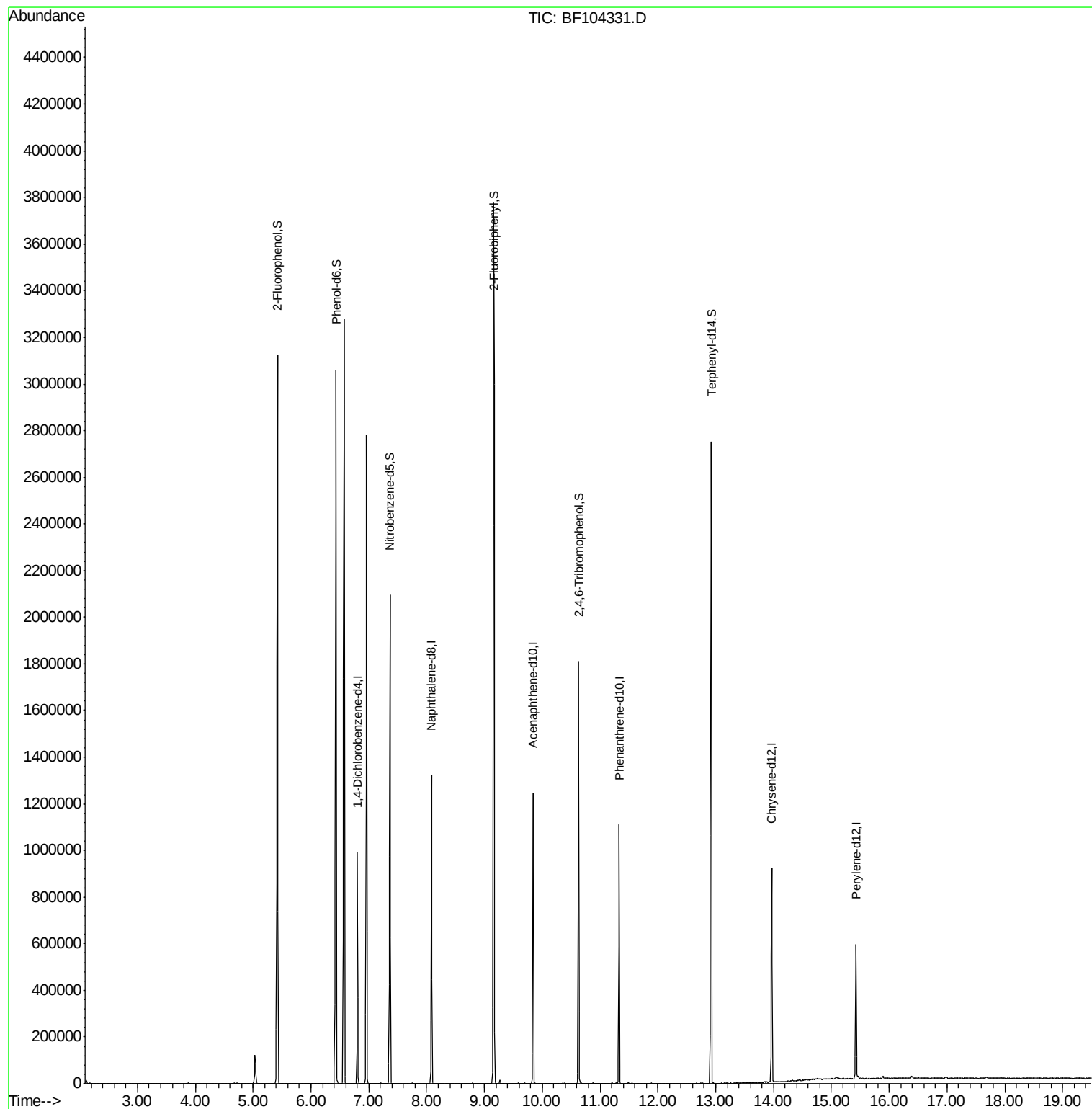
Target Compounds Qvalue

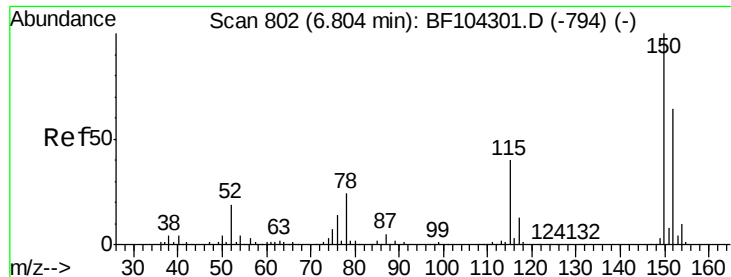
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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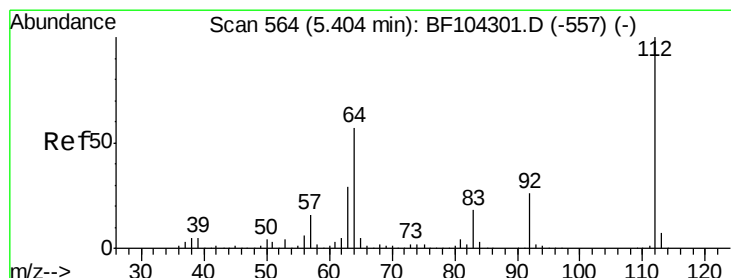
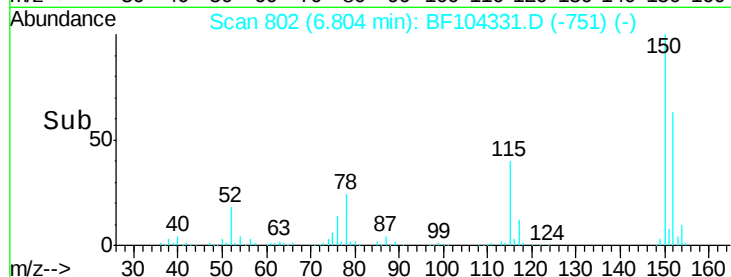
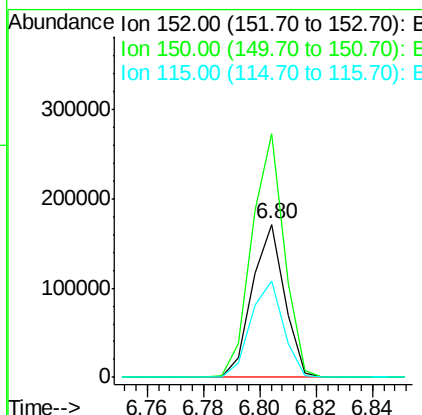
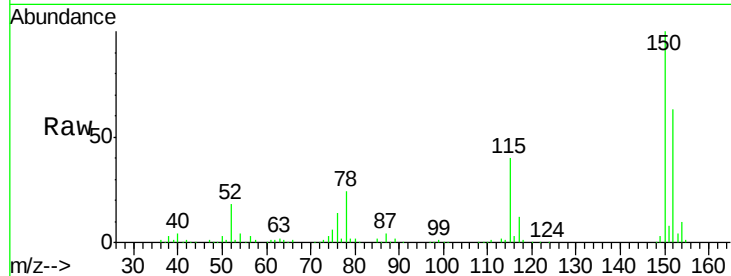


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF104331.D
 Acq: 7 Apr 2018 2:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108001BL

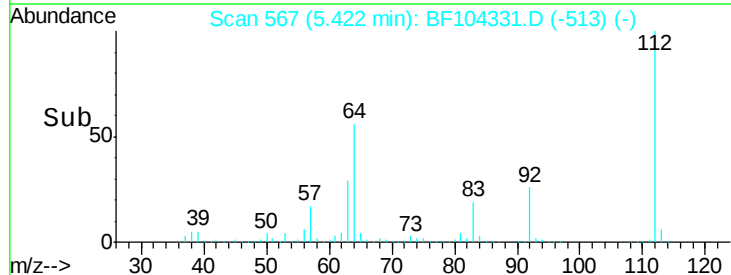
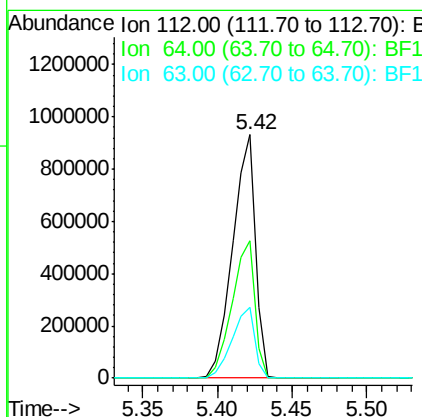
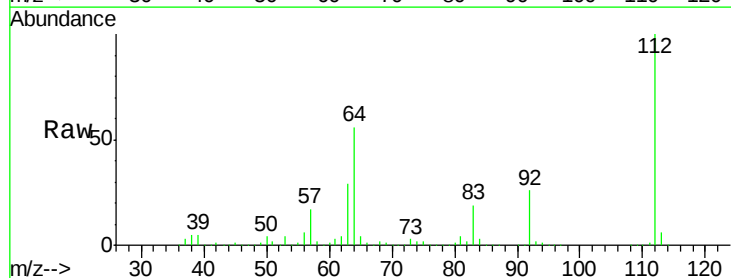
Tot Ion:152 Resp: 135587
 Ion Ratio Lower Upper
 152 100
 150 159.0 124.6 186.8
 115 63.2 50.1 75.1



#5

2-Fluorophenol
 Concen: 112.866 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.02 min
 Lab File: BF104331.D
 Acq: 7 Apr 2018 2:47

Tgt Ion:112 Resp: 1000822
 Ion Ratio Lower Upper
 112 100
 64 56.4 47.9 71.9
 63 29.3 23.7 35.5





#7

Phenol-d6

Concen: 111.952 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104331.D

Acq: 7 Apr 2018 2:47

Instrument :

BNA_F

ClientSampleId :

PB108001BL

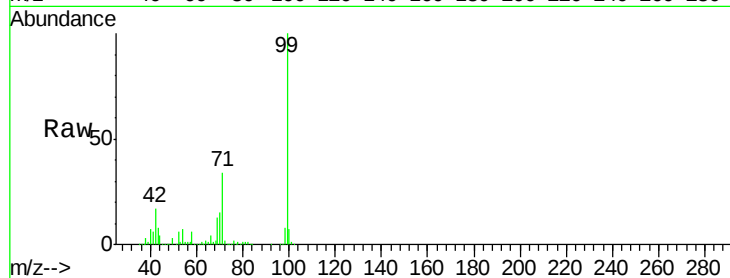
Tot Ion: 99 Resp: 1219734

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

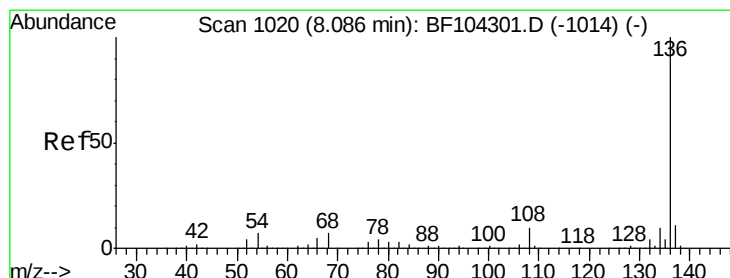
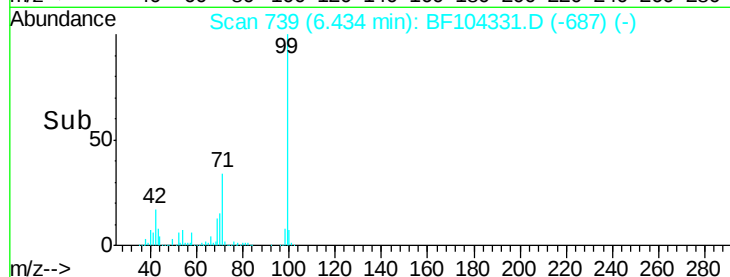
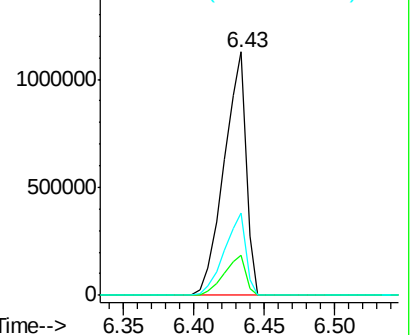
71 33.8 25.4 38.0



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: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF104331.D

Acq: 7 Apr 2018 2:47

Tgt Ion: 136 Resp: 542142

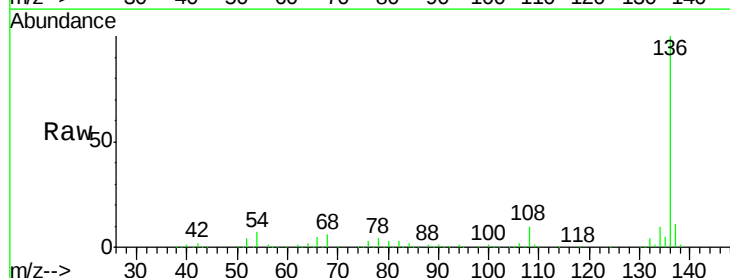
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.9 6.6 9.8

68 6.1 5.0 7.4

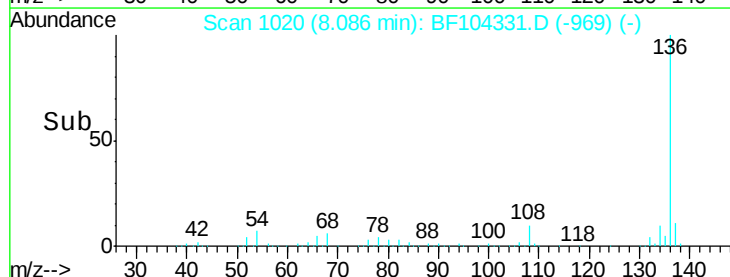
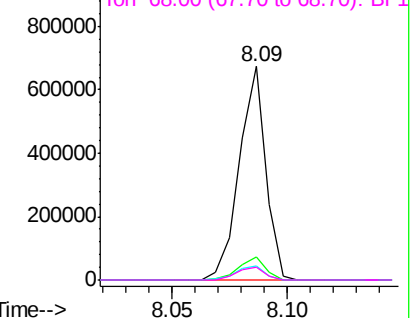


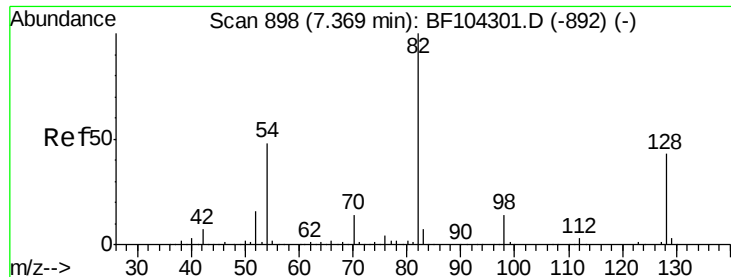
Abundance Ion 136.00 (135.70 to 136.70): E

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

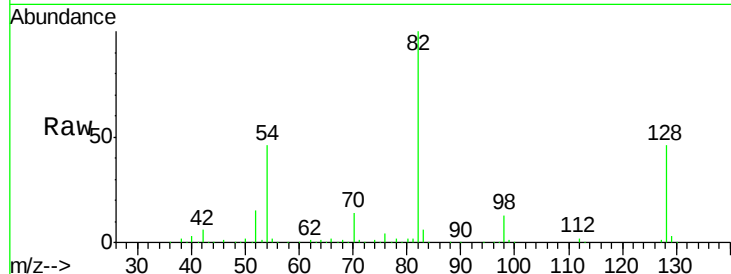




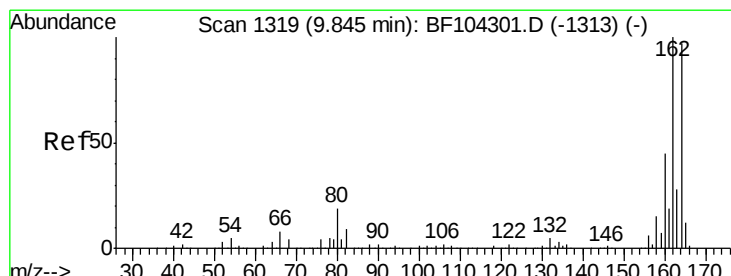
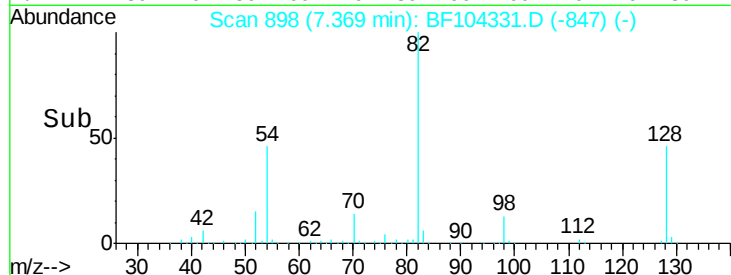
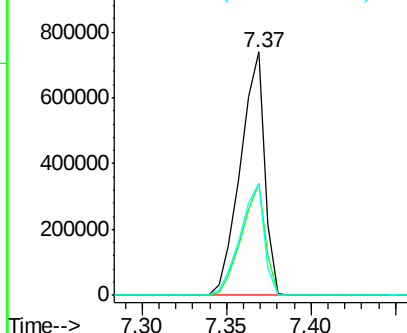
#23
 Nitrobenzene-d5
 Concen: 88.955 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF104331.D
 Acq: 7 Apr 2018 2:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108001BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	45.9	41.4	62.2

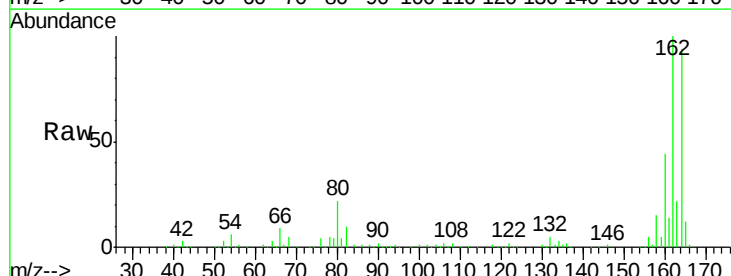


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

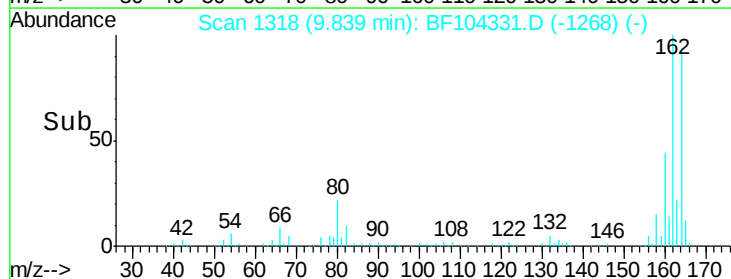
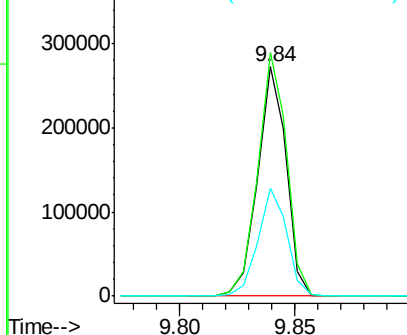


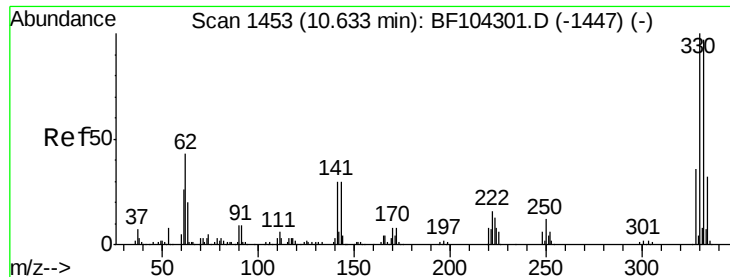
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104331.D
 Acq: 7 Apr 2018 2:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.1	129.1
160	47.1	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

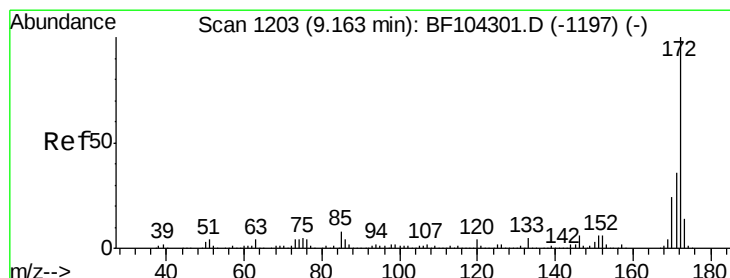
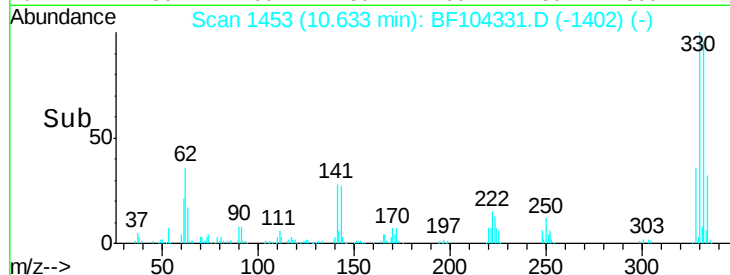
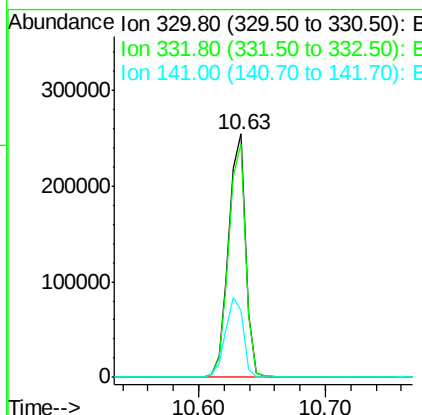
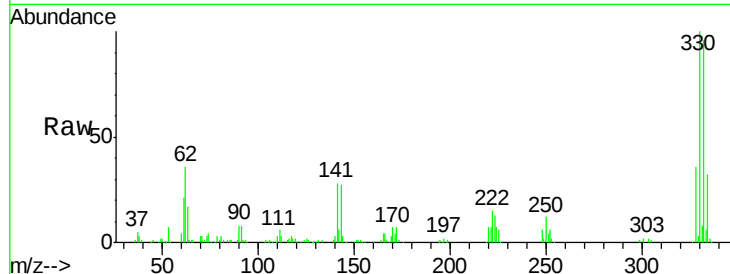




#41
 2,4,6-Tribromophenol
 Concen: 97.199 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF104331.D
 Acq: 7 Apr 2018 2:47

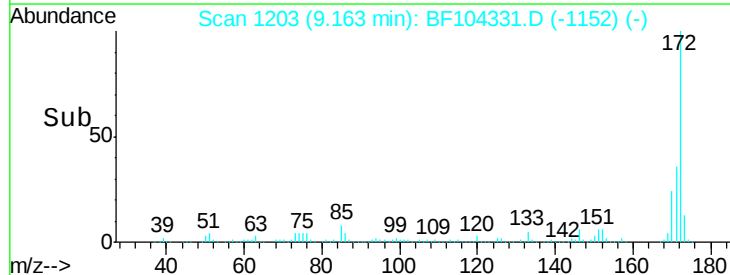
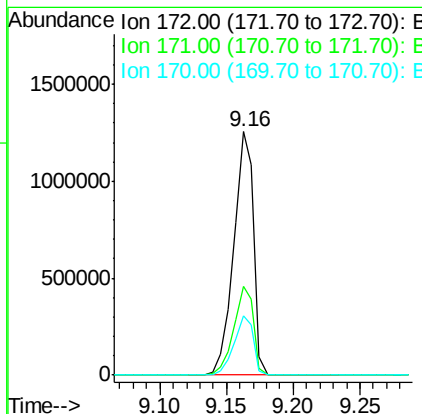
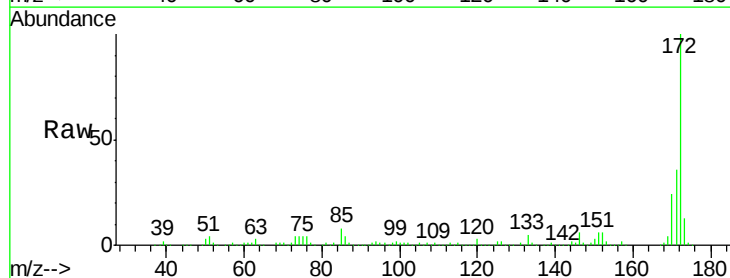
Instrument :
 BNA_F
 ClientSampleId :
 PB108001BL

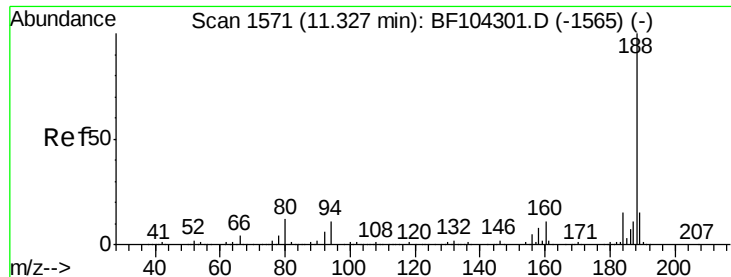
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	34.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 87.635 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104331.D
 Acq: 7 Apr 2018 2:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.5	19.6	29.4

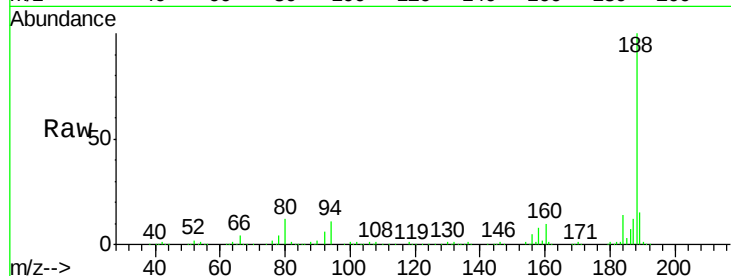




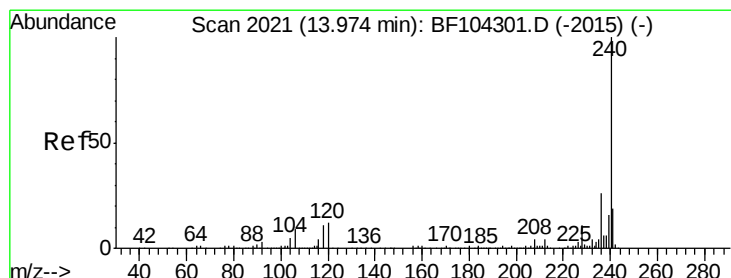
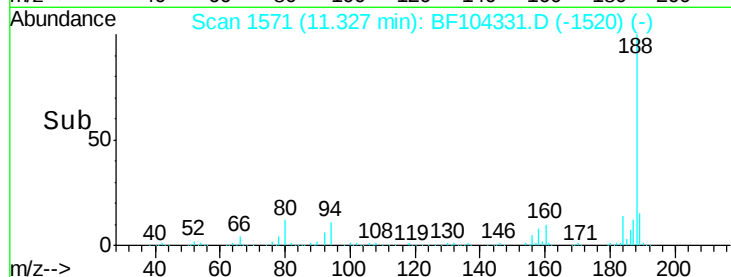
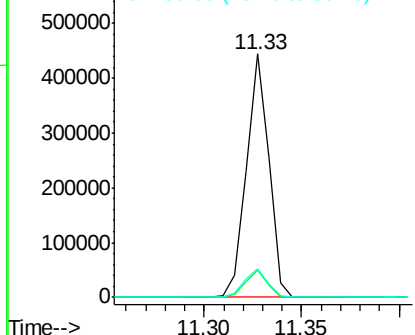
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF104331.D
Acq: 7 Apr 2018 2:47

Instrument :
BNA_F
ClientSampleId :
PB108001BL

Tot Ion:188 Resp: 353654
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.7 9.2 13.8

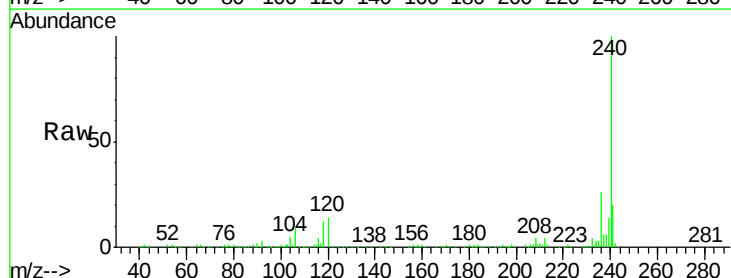


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

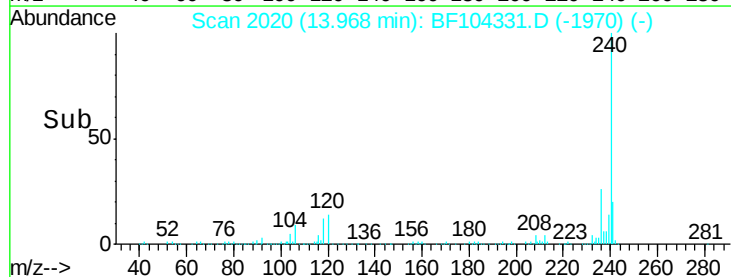
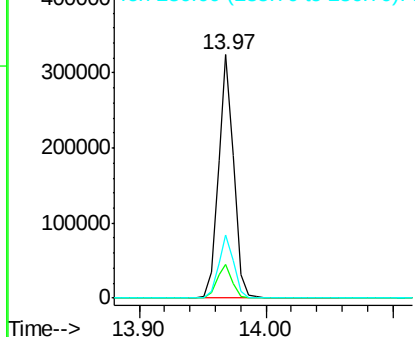


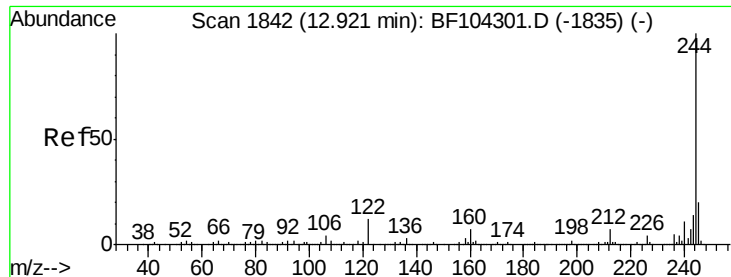
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104331.D
Acq: 7 Apr 2018 2:47

Tgt Ion:240 Resp: 273266
Ion Ratio Lower Upper
240 100
120 13.7 9.5 14.3
236 25.8 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: 77.865 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104331.D

Acq: 7 Apr 2018 2:47

Instrument :

BNA_F

ClientSampleId :

PB108001BL

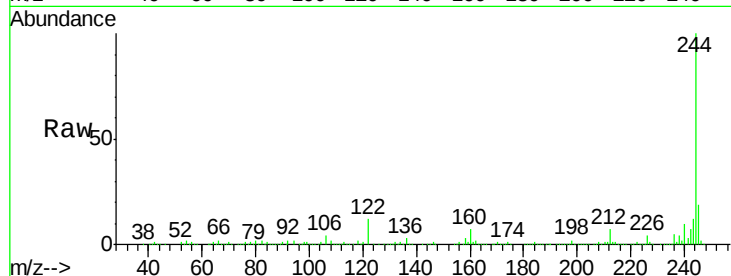
Tot Ion:244 Resp: 933315

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

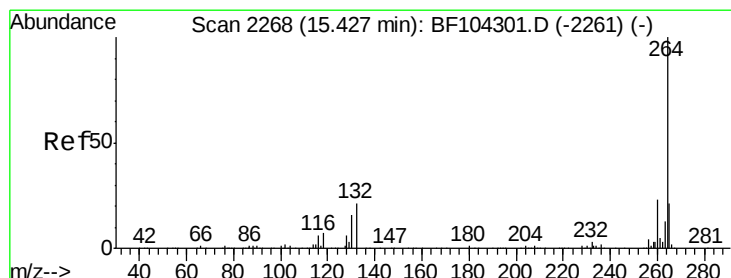
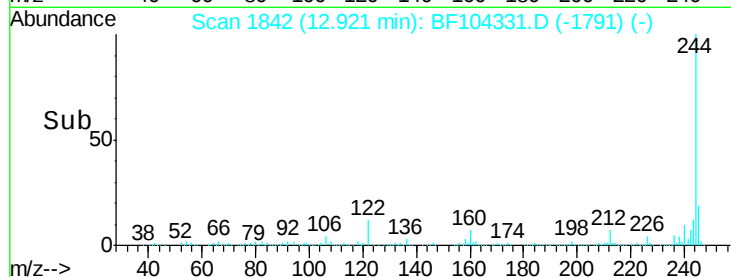
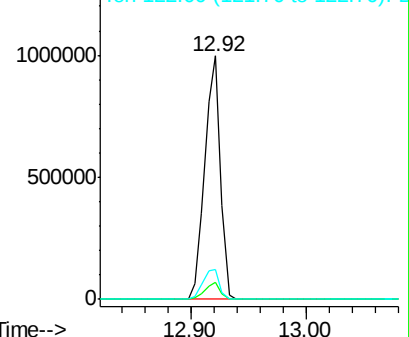
122 12.4 11.0 16.4



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. 0.00 min

Lab File: BF104331.D

Acq: 7 Apr 2018 2:47

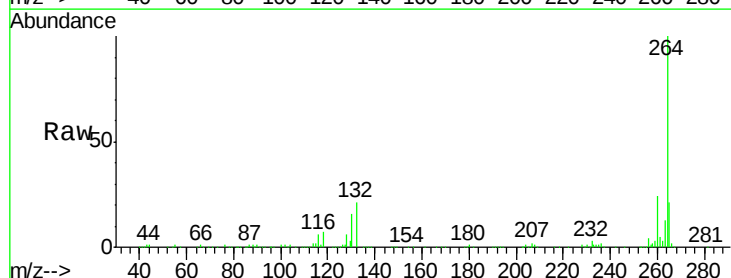
Tgt Ion:264 Resp: 248460

Ion Ratio Lower Upper

264 100

260 24.5 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

