

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
 Data File : BF104610.D
 Acq On : 18 Apr 2018 19:04
 Operator : JU/SJ
 Sample : PB108327BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108327BL

Quant Time: Apr 19 01:30:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 11:52:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	118617	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	466405	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	191944	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	293780	20.00	ng	0.00
75) Chrysene-d12	13.97	240	248235	20.00	ng	0.00
86) Perylene-d12	15.44	264	238711	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	968830	124.89	ng	0.01
7) Phenol-d6	6.45	99	1159064	121.60	ng	0.00
23) Nitrobenzene-d5	7.37	82	737909	103.31	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	230958	116.00	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1213721	99.89	ng	0.00
78) Terphenyl-d14	12.92	244	925560	85.00	ng	0.00

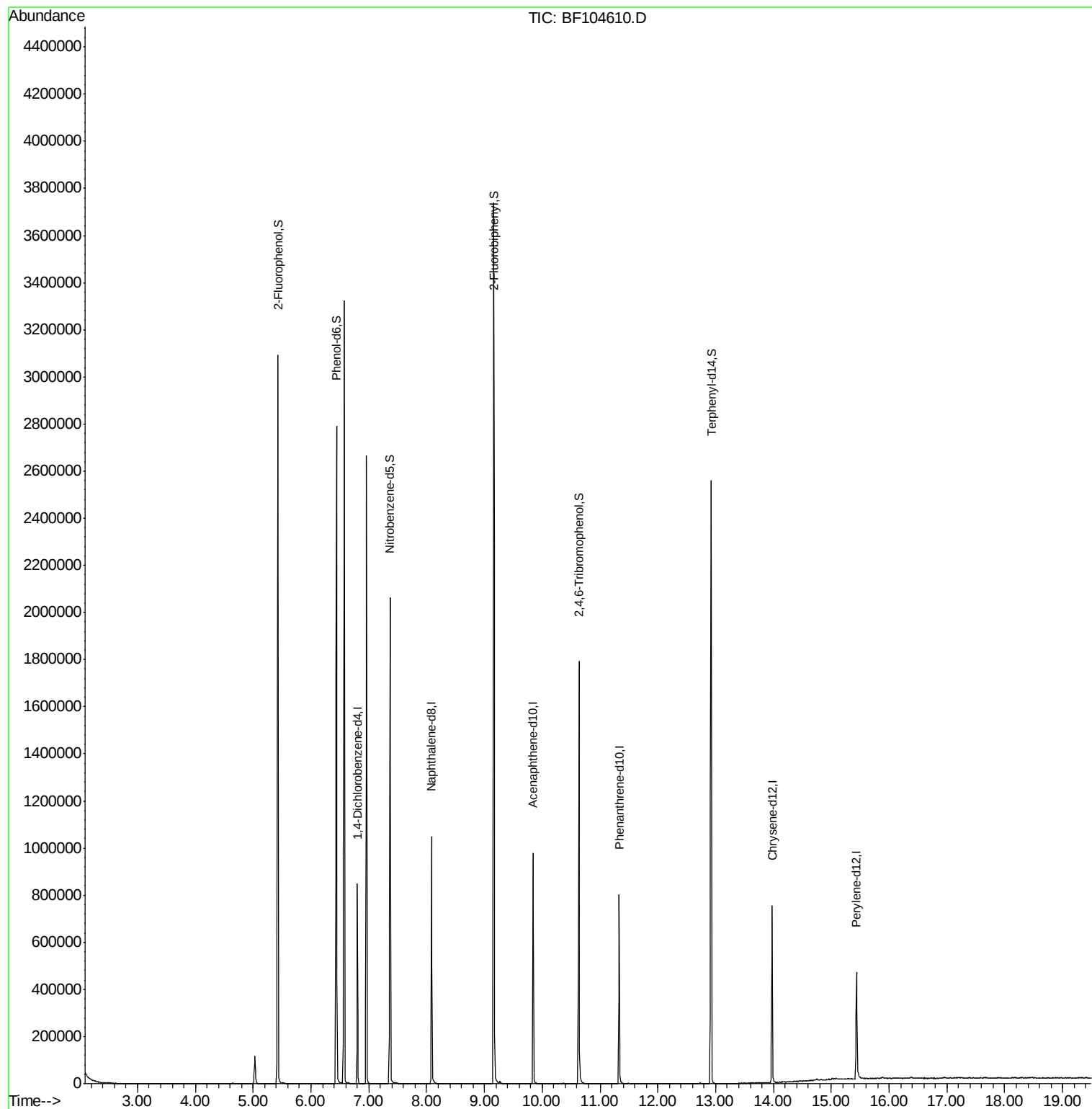
Target Compounds Qvalue

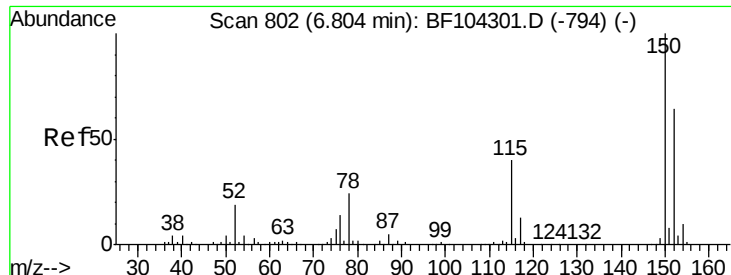
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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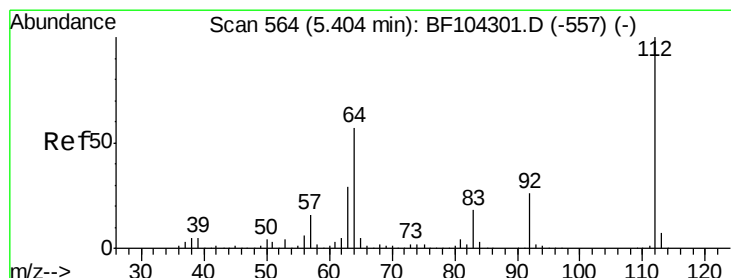
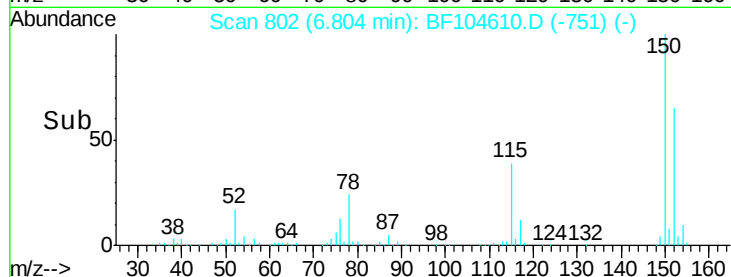
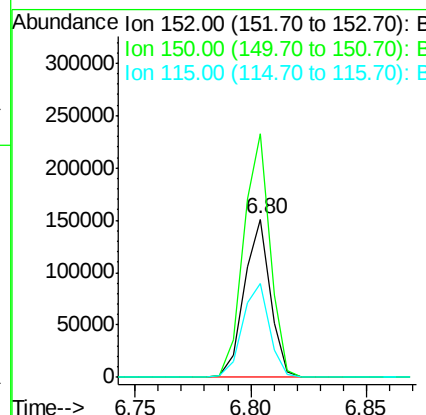
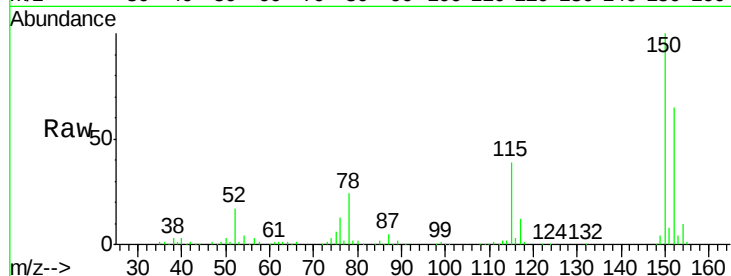


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104610.D
Acq: 18 Apr 2018 19:04

Instrument :
BNA_F
ClientSampleId :
PB108327BL

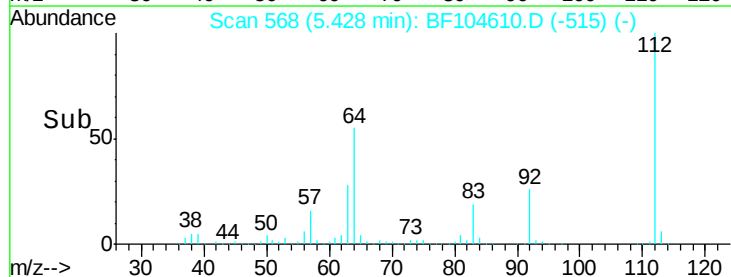
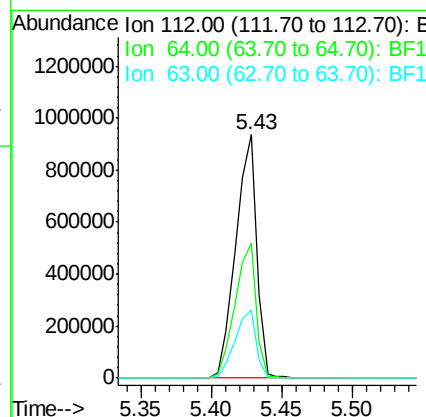
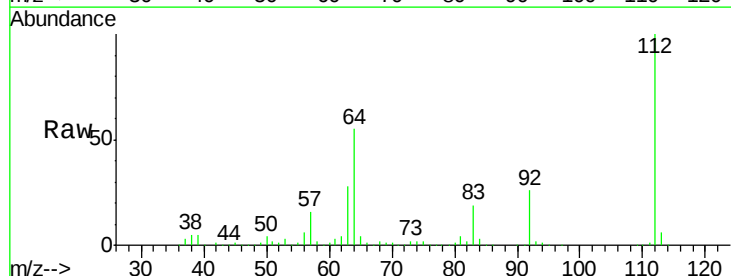
Tot Ion:152 Resp: 118617
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 59.5 50.1 75.1

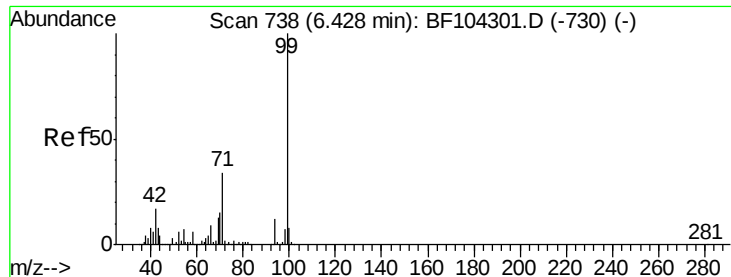


#5

2-Fluorophenol
Concen: 124.889 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104610.D
Acq: 18 Apr 2018 19:04

Tgt Ion:112 Resp: 968830
Ion Ratio Lower Upper
112 100
64 55.3 47.9 71.9
63 28.2 23.7 35.5





#7

Phenol-d6

Concen: 121.604 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104610.D

Acq: 18 Apr 2018 19:04

Instrument :

BNA_F

ClientSampleId :

PB108327BL

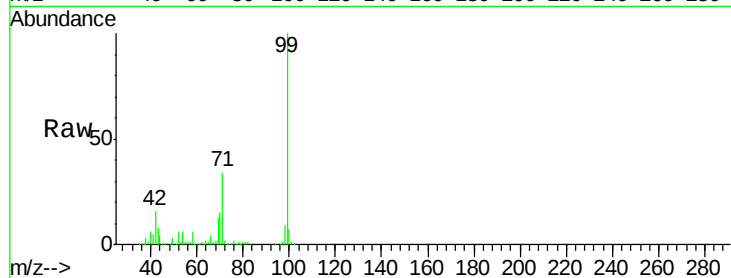
Tot Ion: 99 Resp: 1159064

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

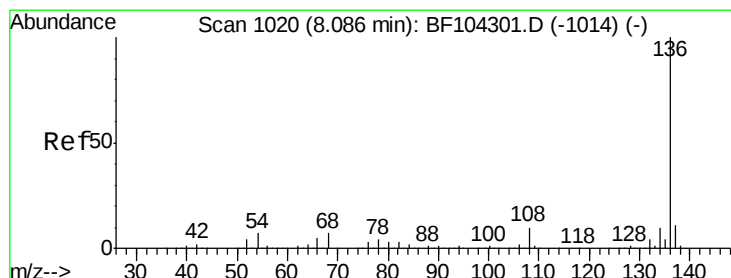
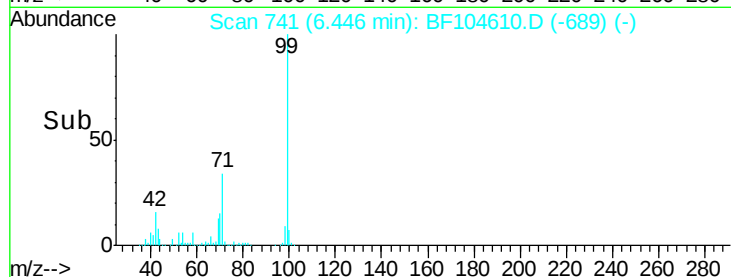
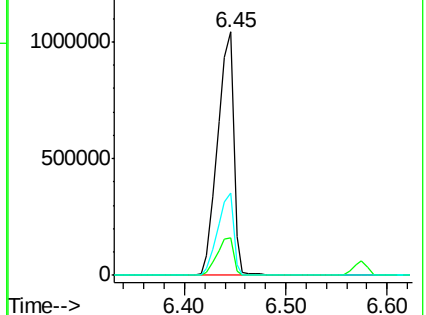
71 33.7 25.4 38.0



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. -0.01 min

Lab File: BF104610.D

Acq: 18 Apr 2018 19:04

Tgt Ion: 136 Resp: 466405

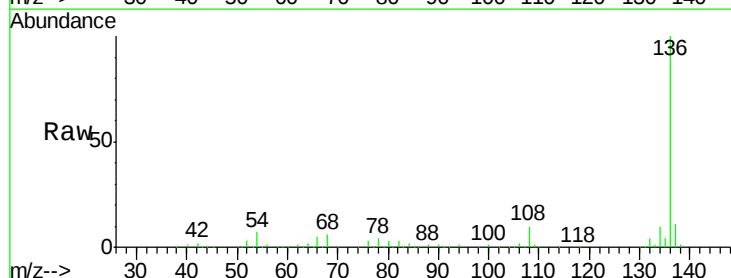
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.9 6.6 9.8

68 6.4 5.0 7.4

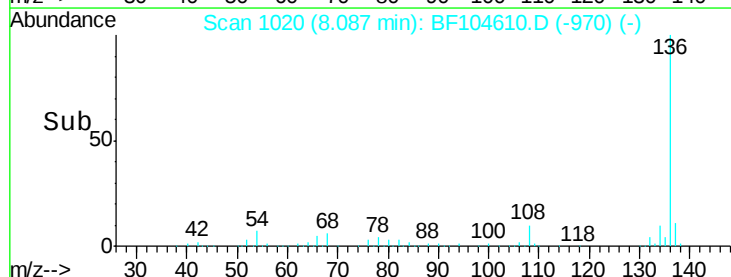
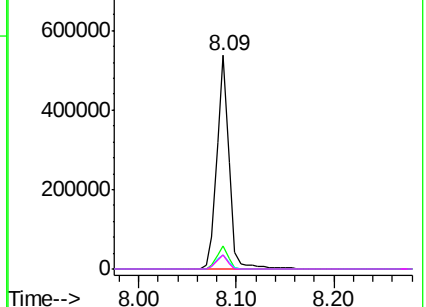


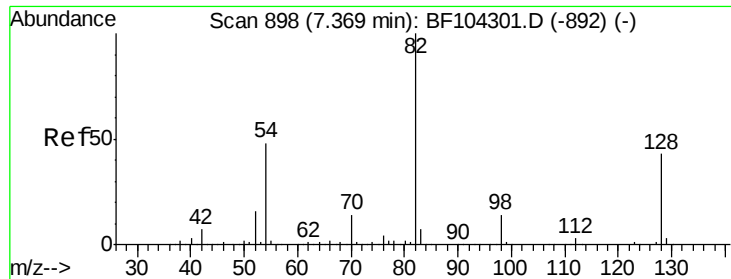
Abundance Ion 136.00 (135.70 to 136.70): E

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

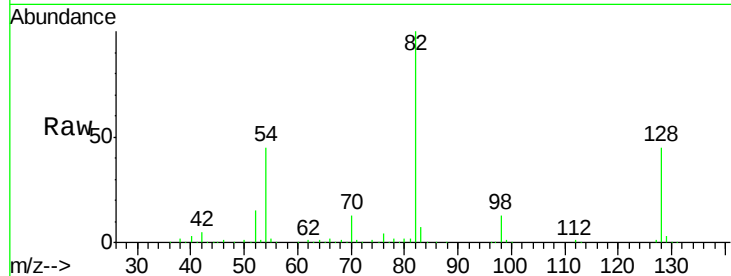




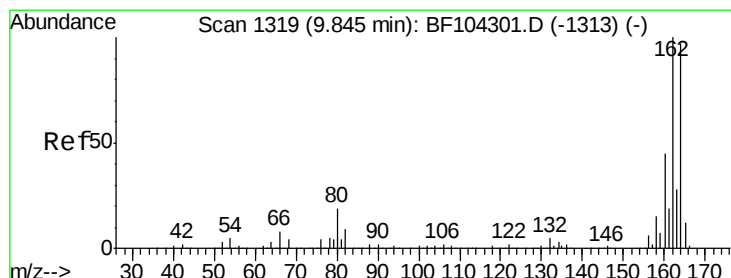
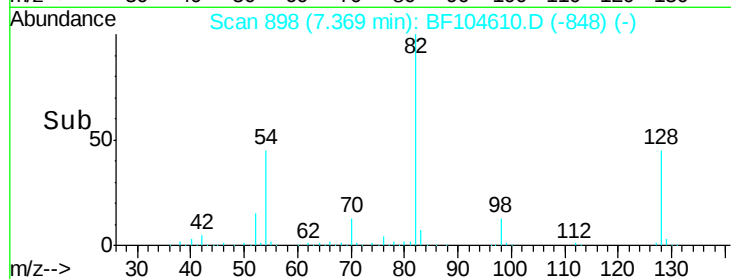
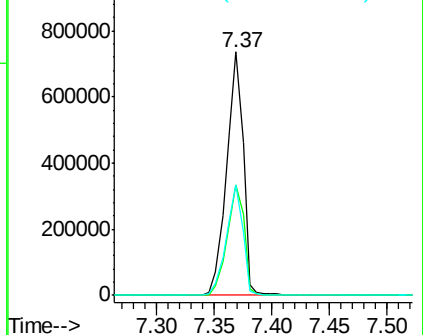
#23
 Nitrobenzene-d5
 Concen: 103.309 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104610.D
 Acq: 18 Apr 2018 19:04

Instrument :
 BNA_F
 ClientSampleID :
 PB108327BL

Tot Ion	82	Resp	737909
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
128	45.3		
54	45.2		
	41.4		
	62.2		

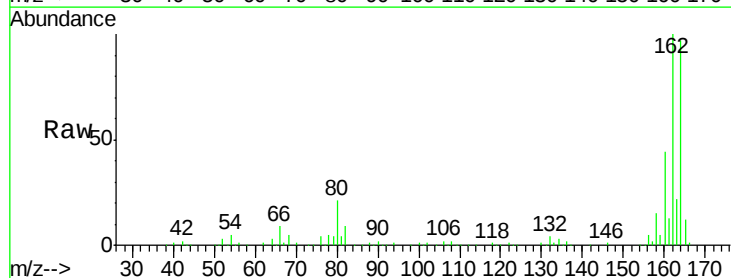


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

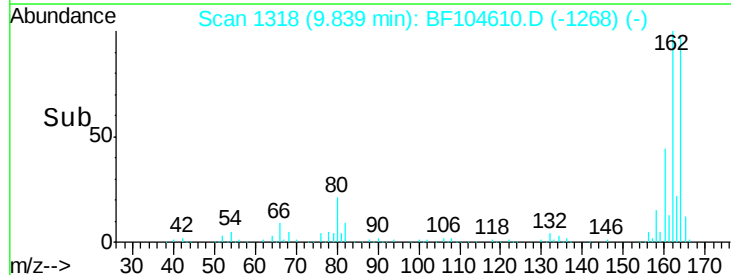
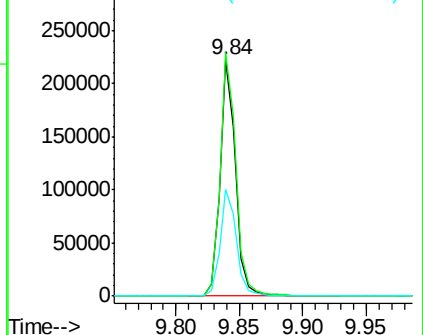


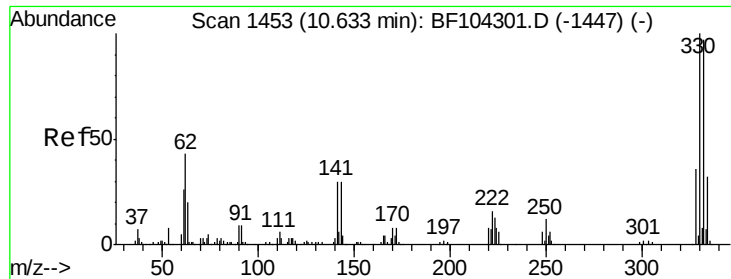
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104610.D
 Acq: 18 Apr 2018 19:04

Tgt Ion	164	Resp	191944
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>86.1</td> <td></td> <td></td>	86.1		
Upper <td>129.1</td> <td></td> <td></td>	129.1		
162	103.2		
160	45.0		
	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

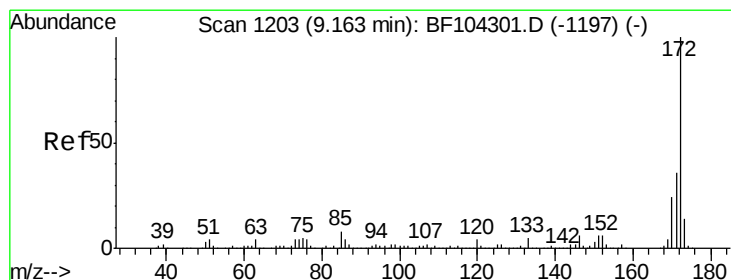
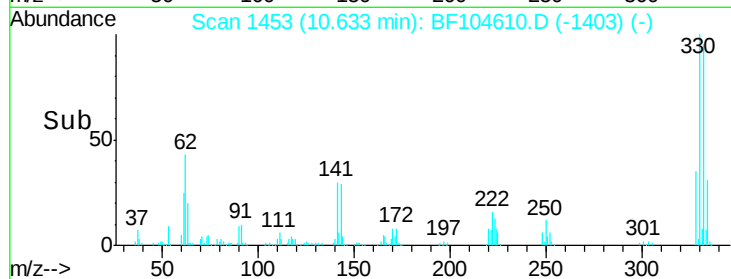
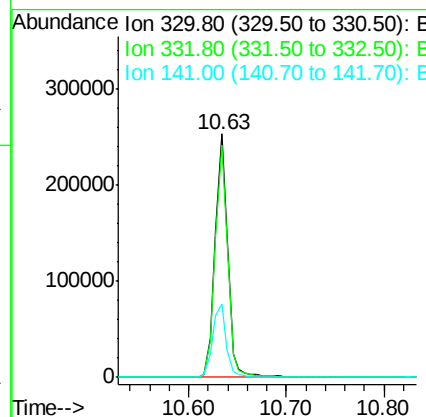
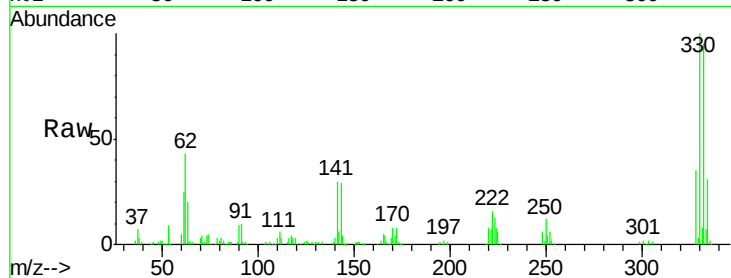




#41
 2,4,6-Tribromophenol
 Concen: 115.996 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104610.D
 Acq: 18 Apr 2018 19:04

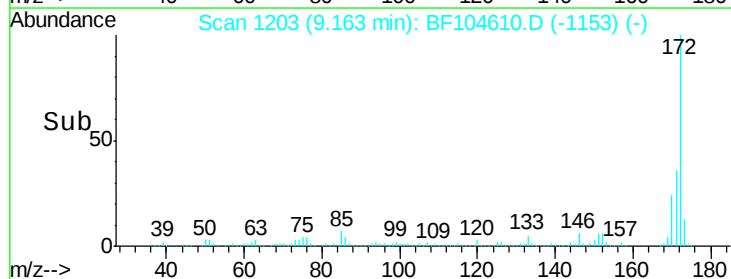
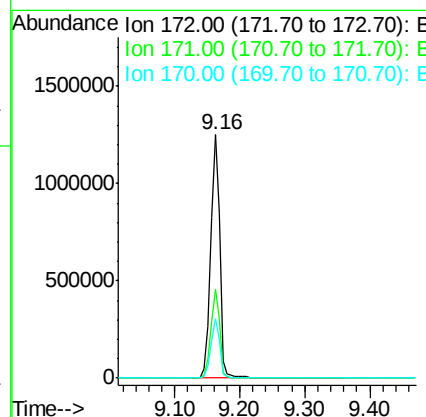
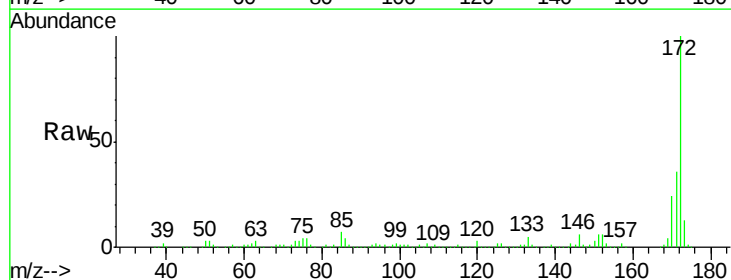
Instrument :
 BNA_F
 ClientSampleId :
 PB108327BL

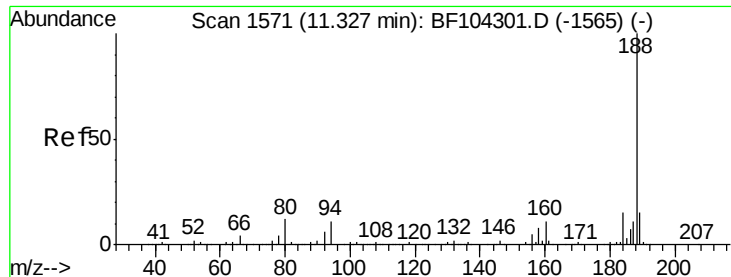
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	32.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 99.893 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104610.D
 Acq: 18 Apr 2018 19:04

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

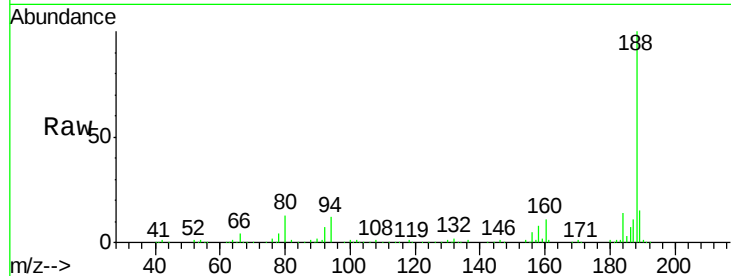




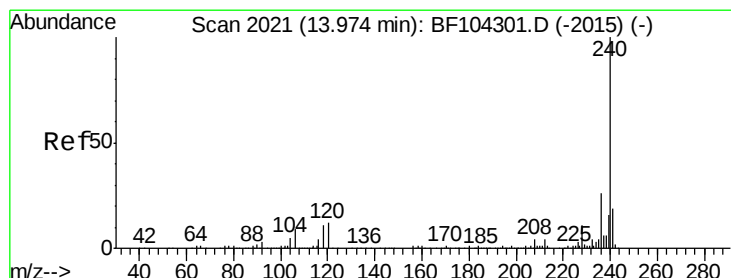
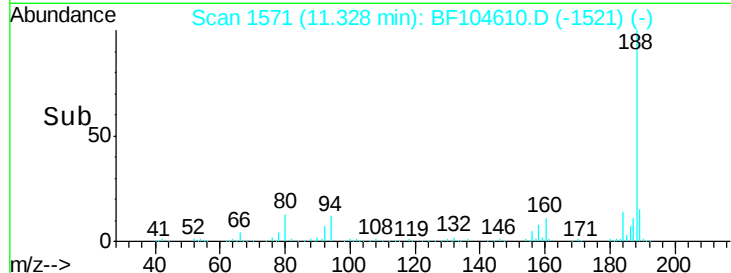
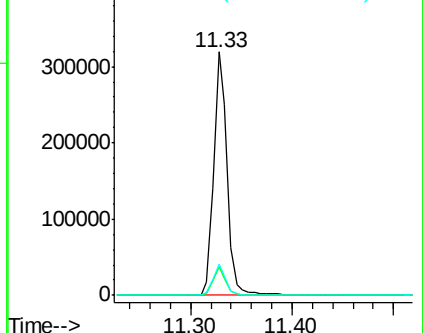
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104610.D
Acq: 18 Apr 2018 19:04

Instrument :
BNA_F
ClientSampleId :
PB108327BL

Tot Ion:188 Resp: 293780
Ion Ratio Lower Upper
188 100
94 11.9 8.5 12.7
80 12.9 9.2 13.8

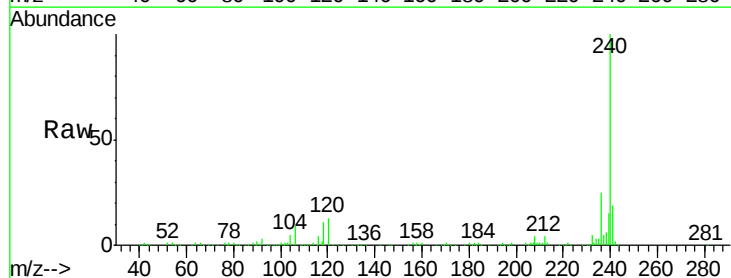


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

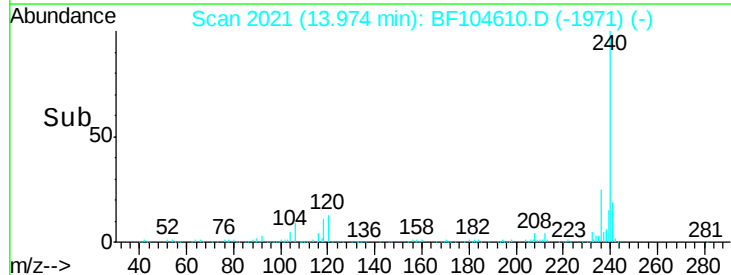
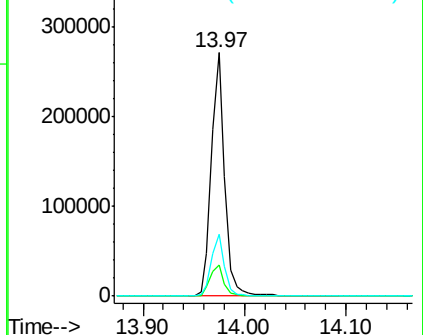


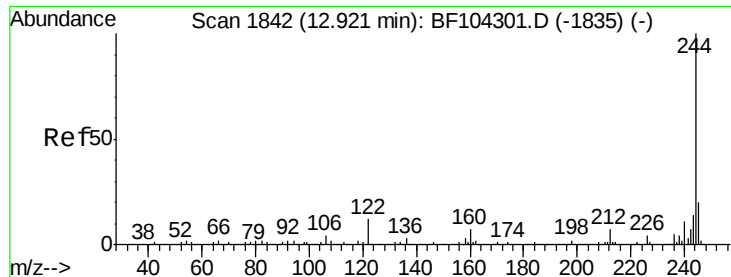
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104610.D
Acq: 18 Apr 2018 19:04

Tgt Ion:240 Resp: 248235
Ion Ratio Lower Upper
240 100
120 12.8 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: 85.005 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104610.D

Acq: 18 Apr 2018 19:04

Instrument :

BNA_F

ClientSampleId :

PB108327BL

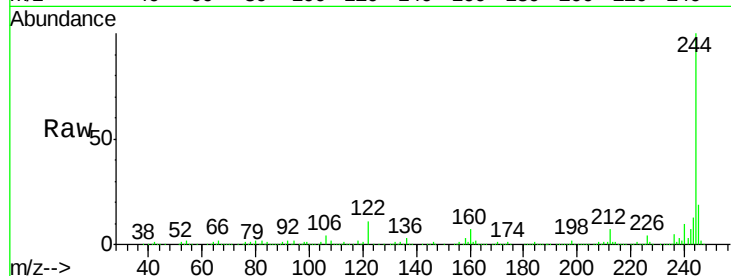
Tot Ion:244 Resp: 925560

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

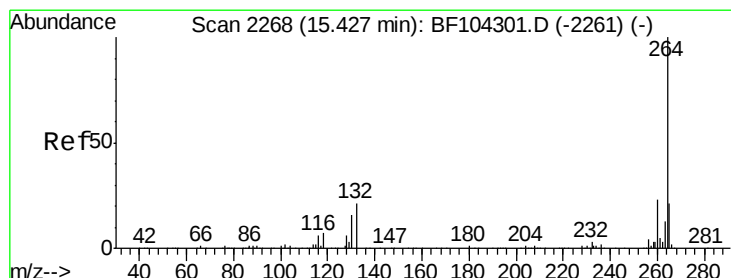
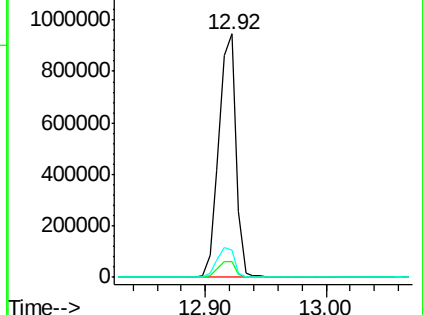
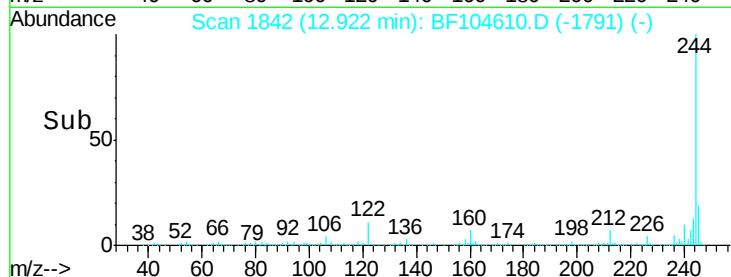
122 11.4 11.0 16.4



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: 15.44 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF104610.D

Acq: 18 Apr 2018 19:04

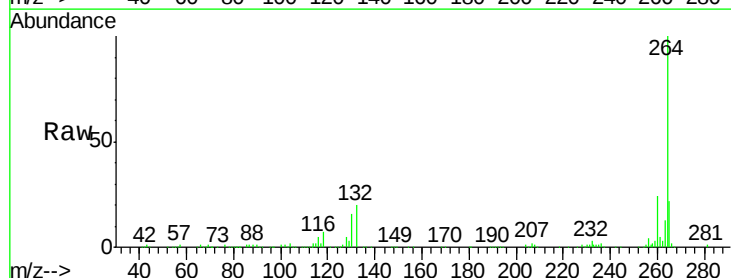
Tgt Ion:264 Resp: 238711

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.7 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

