

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104825.D
 Acq On : 26 Apr 2018 8:47
 Operator : JU/SJ
 Sample : PB108477BL
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108477BL

Quant Time: Apr 26 14:22:28 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	125382	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	507968	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	215384	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	326136	20.00	ng	0.00
75) Chrysene-d12	13.97	240	259523	20.00	ng	-0.01
86) Perylene-d12	15.44	264	197084	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	870166	106.12	ng	0.01
7) Phenol-d6	6.45	99	1058276	105.04	ng	0.00
23) Nitrobenzene-d5	7.37	82	660342	84.89	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	208638	93.38	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1153466	84.60	ng	0.00
78) Terphenyl-d14	12.92	244	849914	74.66	ng	0.00

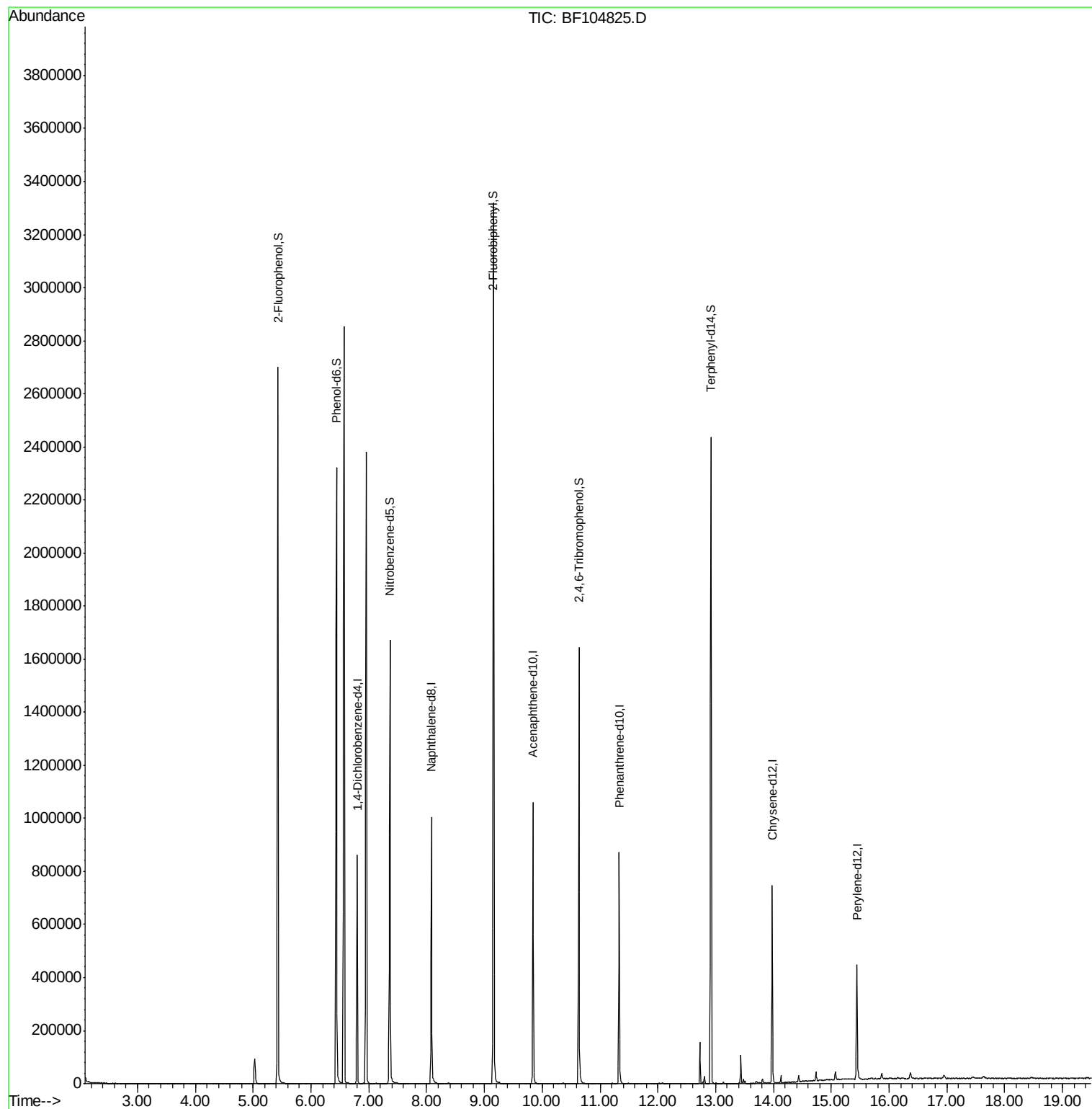
Target Compounds Qvalue

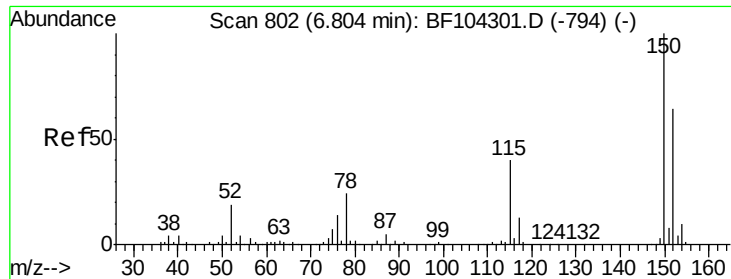
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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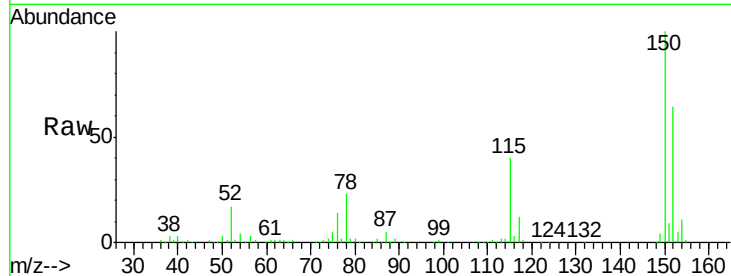


#1

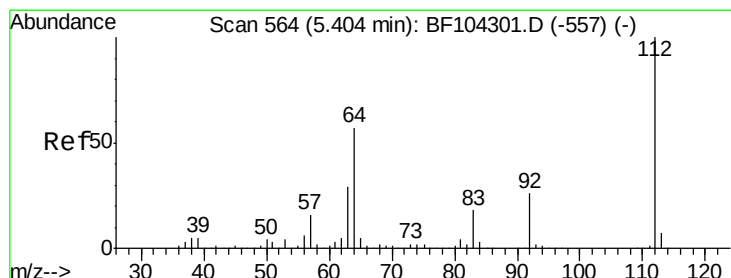
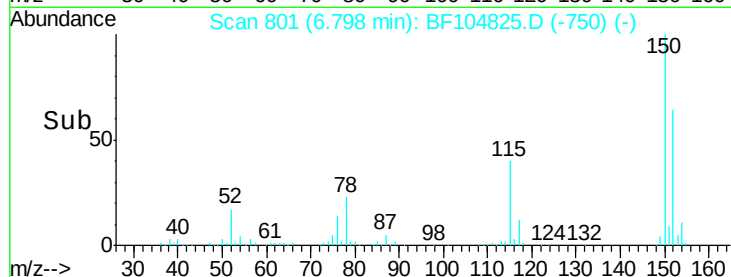
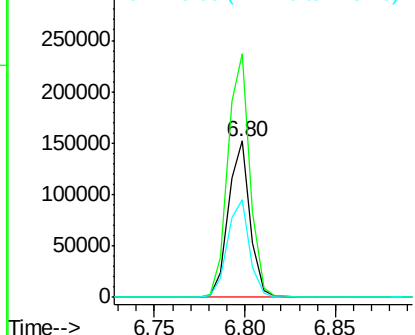
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104825.D
Acq: 26 Apr 2018 8:47

Instrument :
BNA_F
ClientSampleId :
PB108477BL

Tot Ion:152 Resp: 125382
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 62.1 50.1 75.1



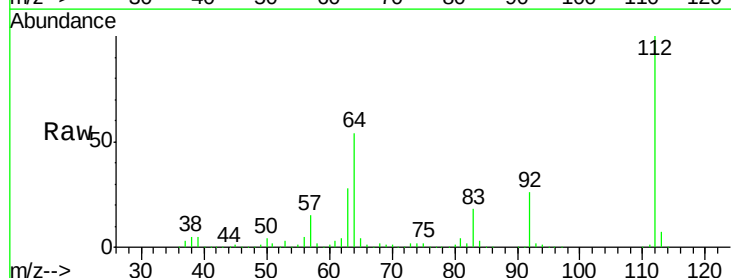
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



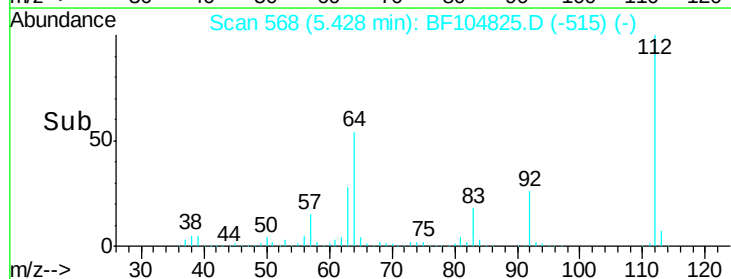
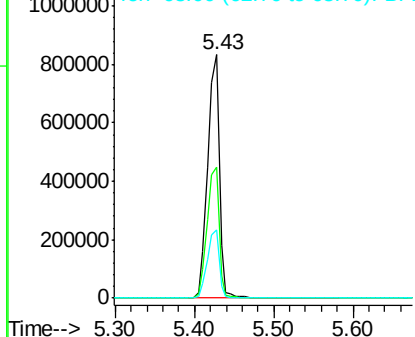
#5

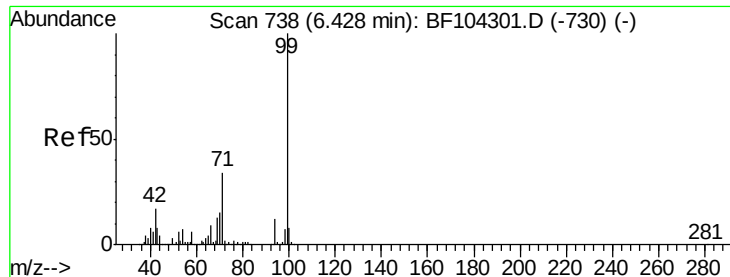
2-Fluorophenol
Concen: 106.118 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104825.D
Acq: 26 Apr 2018 8:47

Tgt Ion:112 Resp: 870166
Ion Ratio Lower Upper
112 100
64 53.7 47.9 71.9
63 28.2 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: 105.039 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104825.D

Acq: 26 Apr 2018 8:47

Instrument :

BNA_F

ClientSampleId :

PB108477BL

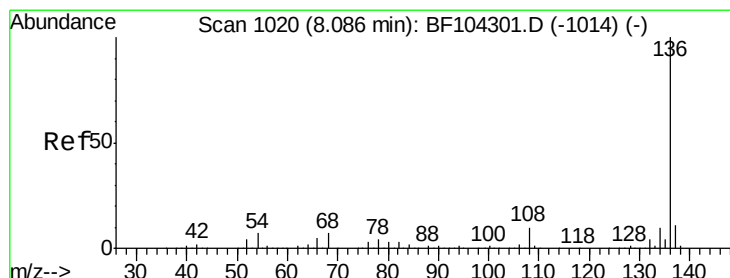
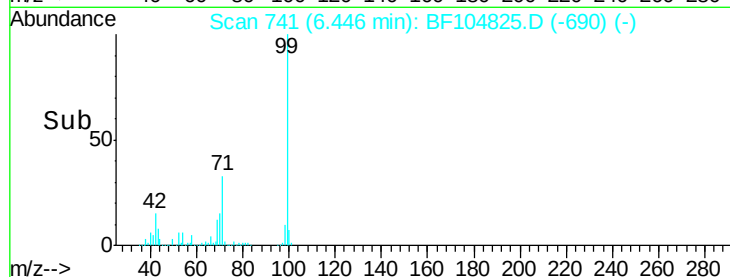
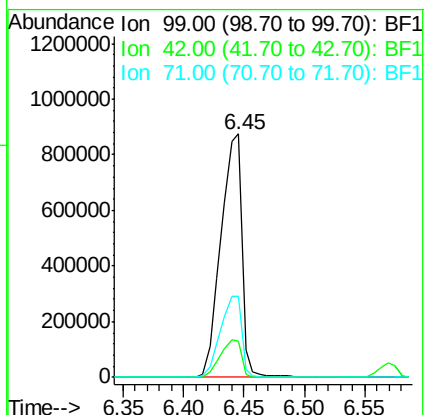
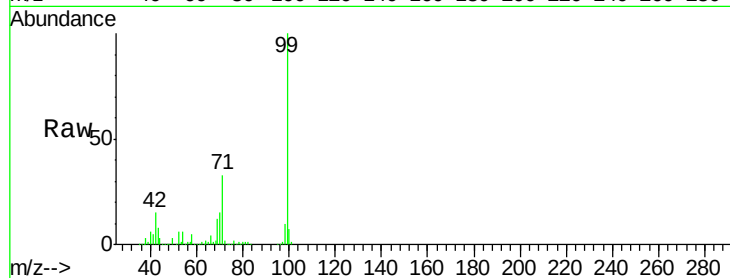
Tot Ion: 99 Resp: 1058276

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

71 33.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF104825.D

Acq: 26 Apr 2018 8:47

Tgt Ion: 136 Resp: 507968

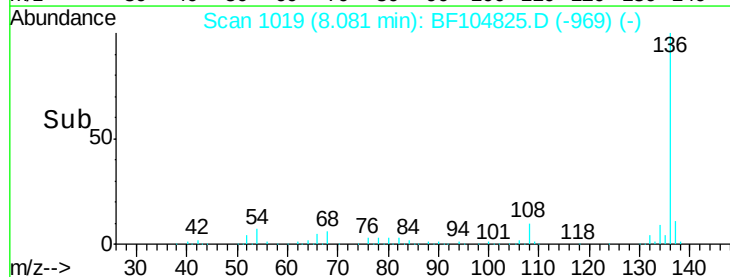
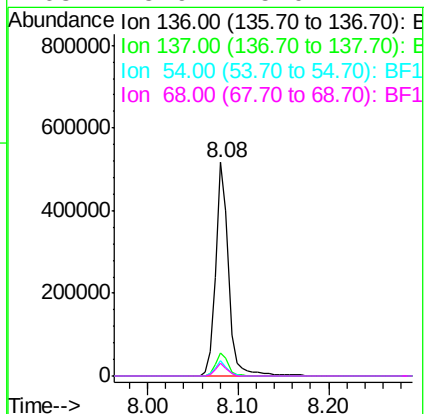
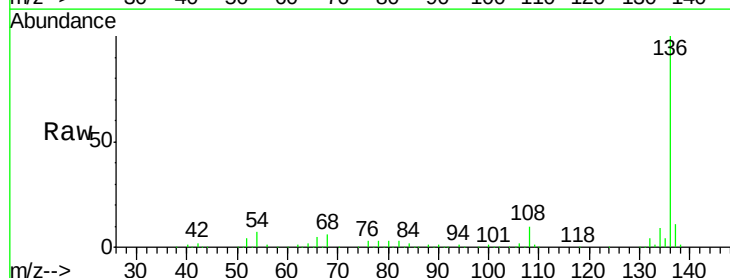
Ion Ratio Lower Upper

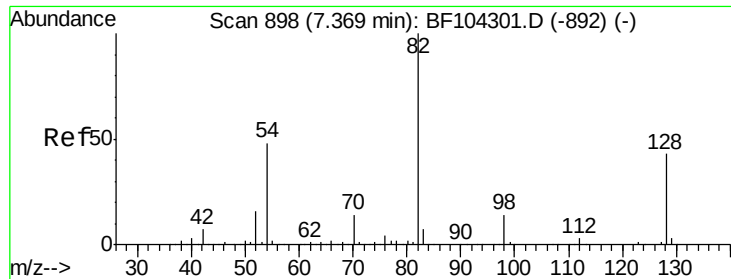
136 100

137 11.1 8.9 13.3

54 7.0 6.6 9.8

68 5.9 5.0 7.4

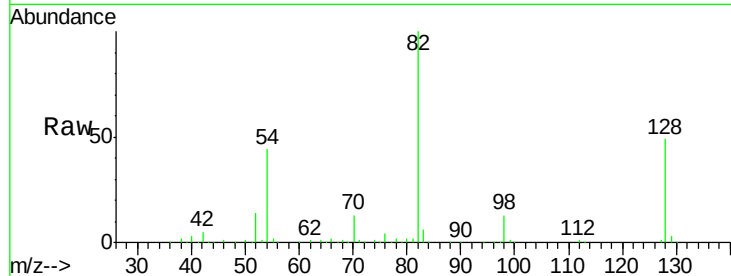




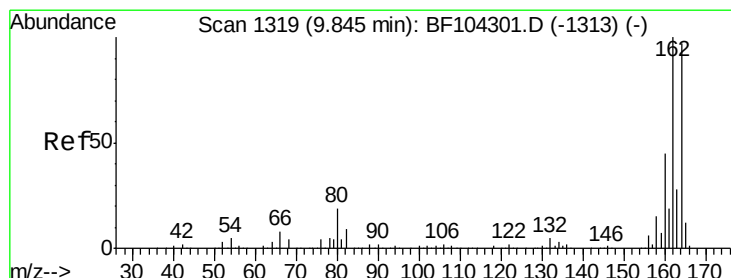
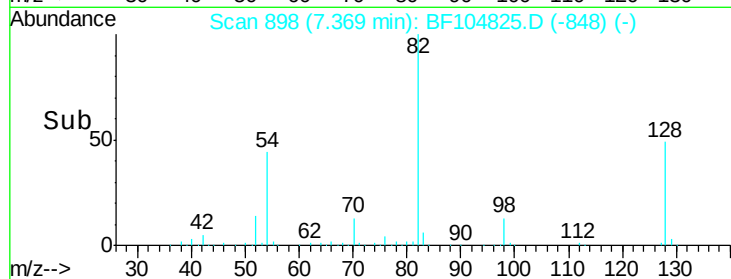
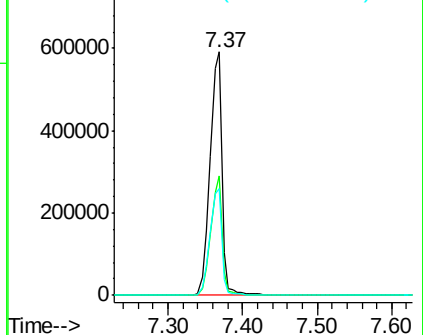
#23
 Nitrobenzene-d5
 Concen: 84.885 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104825.D
 Acq: 26 Apr 2018 8:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108477BL

Tot Ion	82	Resp	660342
Ion Ratio	100	Lower	Upper
128	49.2	36.1	54.1
54	43.8	41.4	62.2

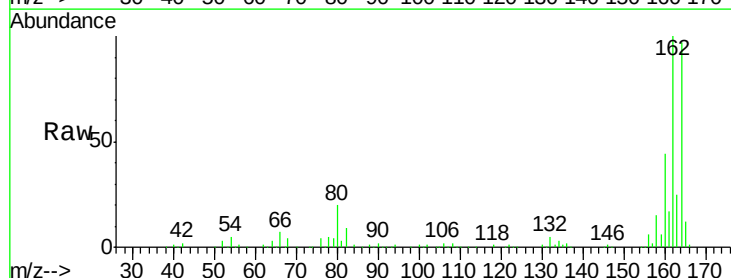


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

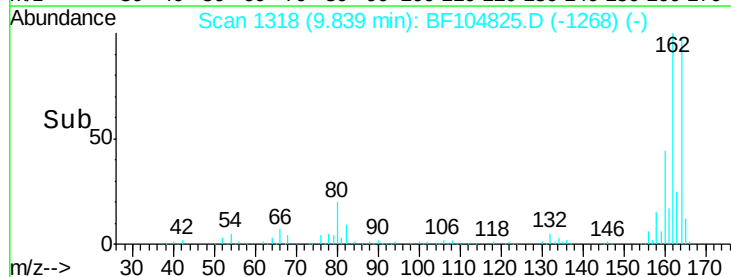
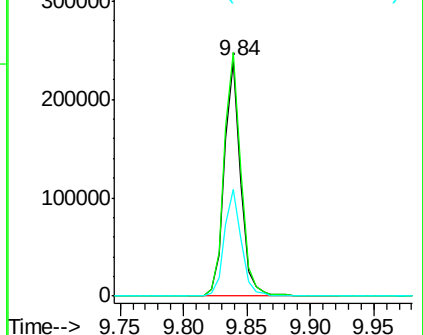


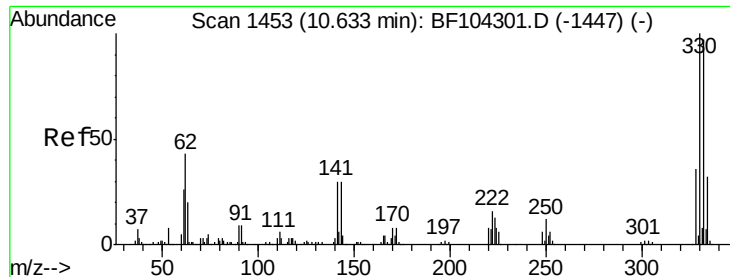
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104825.D
 Acq: 26 Apr 2018 8:47

Tgt Ion	164	Resp	215384
Ion Ratio	100	Lower	Upper
162	103.6	86.1	129.1
160	45.3	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

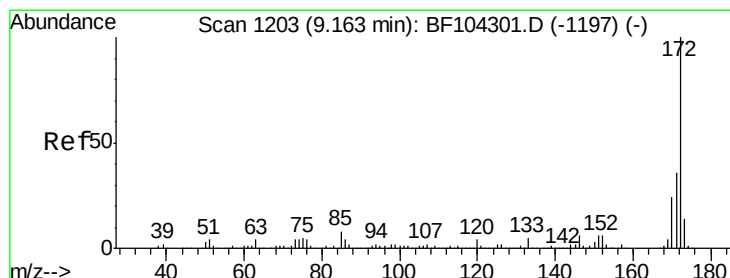
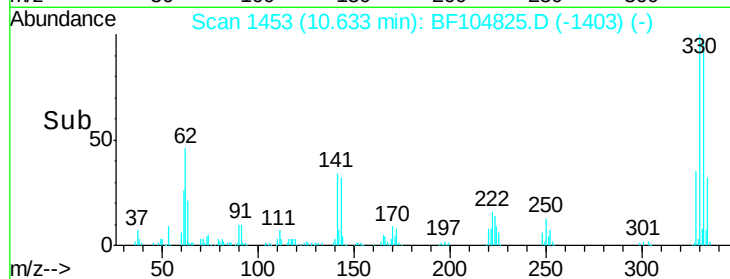
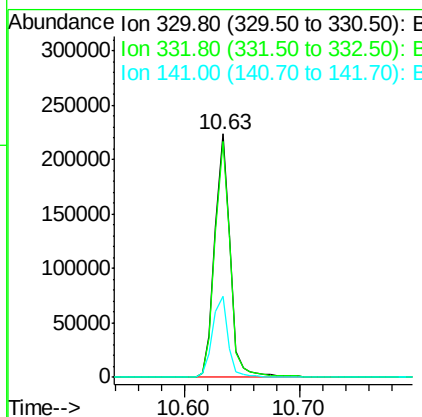
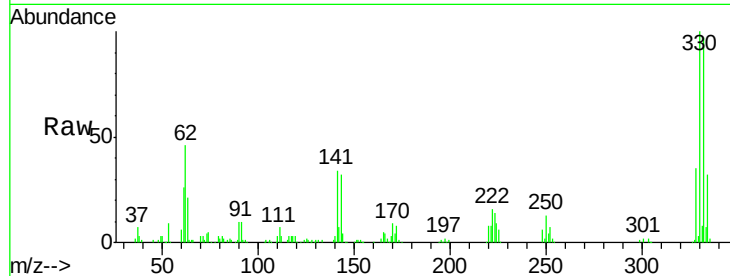




#41
 2,4,6-Tribromophenol
 Concen: 93.382 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104825.D
 Acq: 26 Apr 2018 8:47

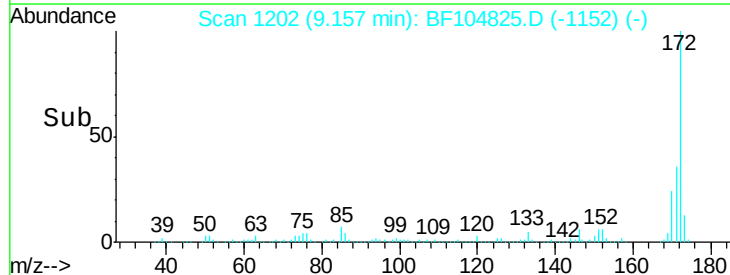
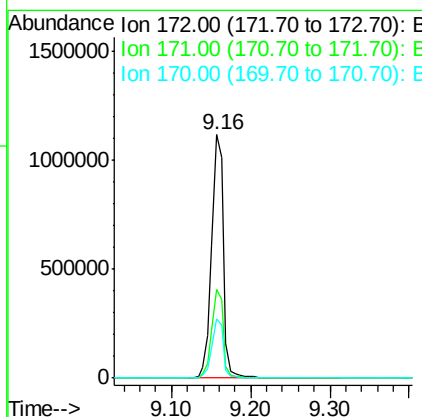
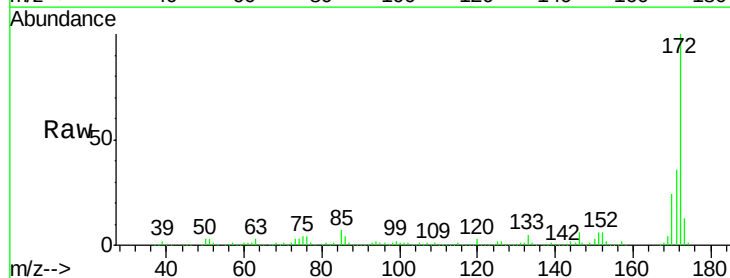
Instrument :
 BNA_F
 ClientSampleId :
 PB108477BL

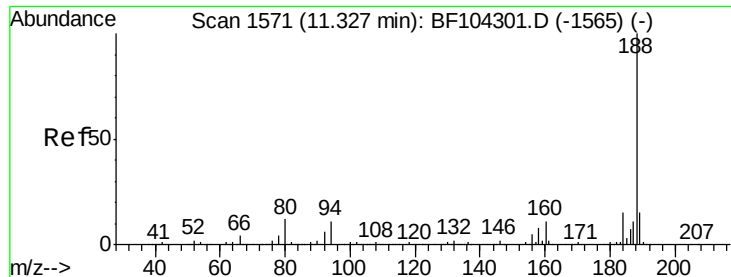
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	34.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 84.602 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104825.D
 Acq: 26 Apr 2018 8:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4

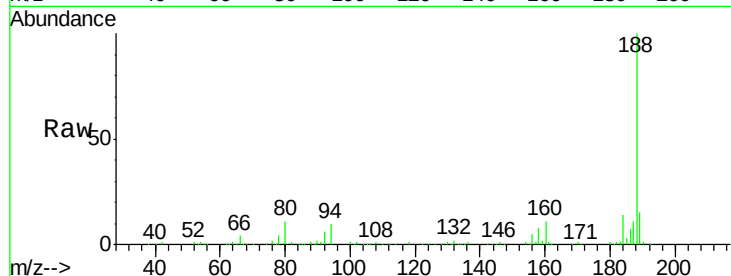




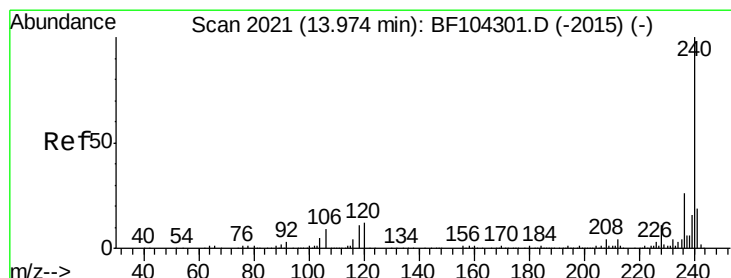
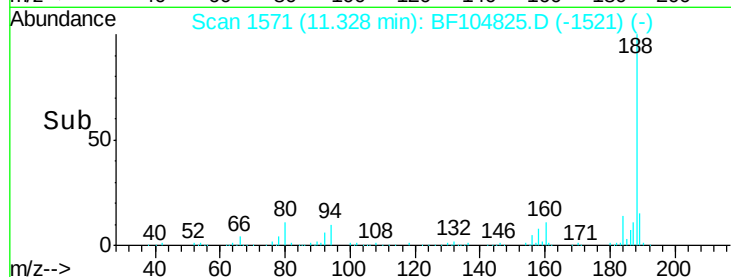
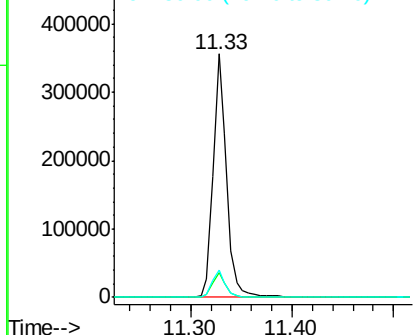
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104825.D
Acq: 26 Apr 2018 8:47

Instrument :
BNA_F
ClientSampleId :
PB108477BL

Tot Ion:188 Resp: 326136
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.2 9.2 13.8

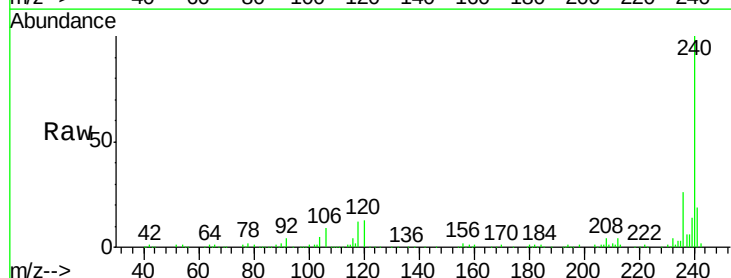


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

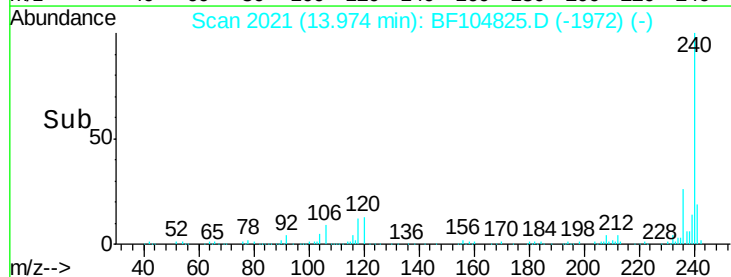
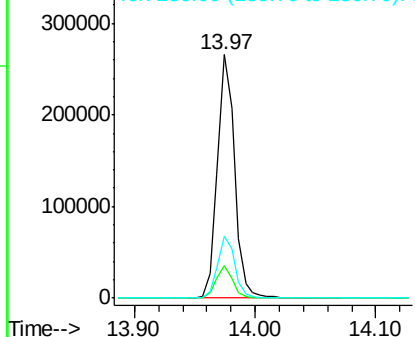


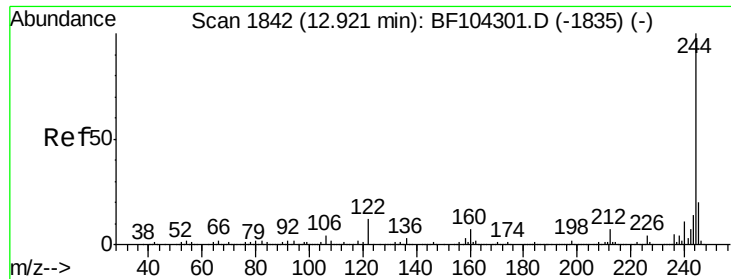
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104825.D
Acq: 26 Apr 2018 8:47

Tgt Ion:240 Resp: 259523
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 25.5 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

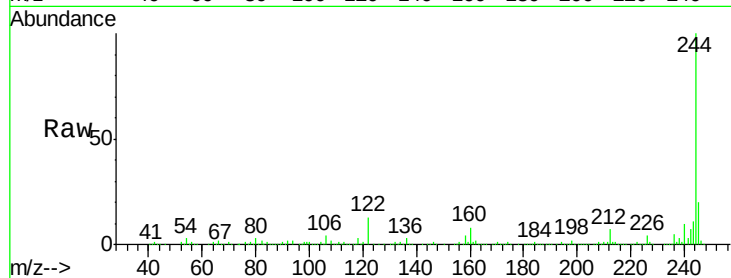




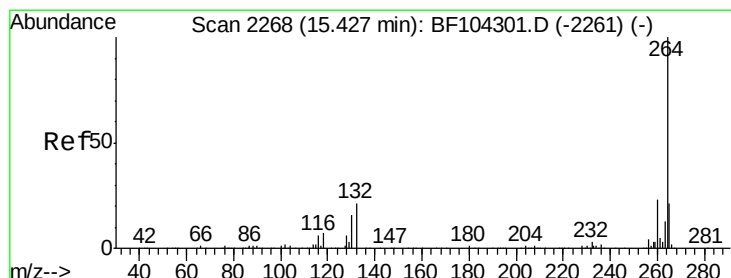
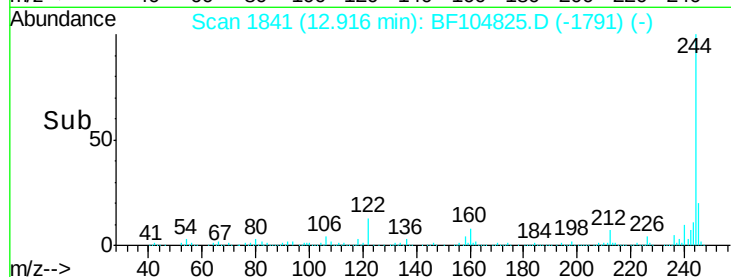
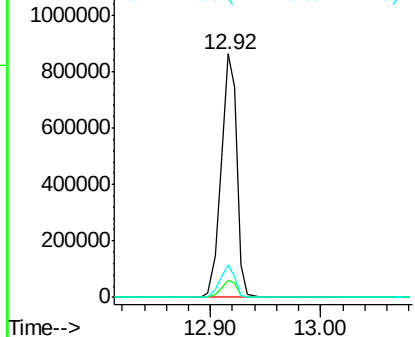
#78
 Terphenyl-d14
 Concen: 74.662 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104825.D
 Acq: 26 Apr 2018 8:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108477BL

Tot Ion:244 Resp: 849914
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.2 11.0 16.4

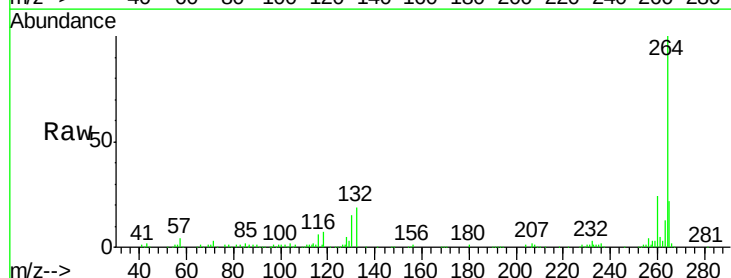


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF104825.D
 Acq: 26 Apr 2018 8:47

Tgt Ion:264 Resp: 197084
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.6 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

