

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104728.D
 Acq On : 24 Apr 2018 1:41
 Operator : JU/SJ
 Sample : J2492-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 041918-SIDW-E-U-S

Quant Time: Apr 24 05:31:53 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	6.80	152	110135	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	444338	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	188167	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	314664	20.00	ng	0.00
75) Chrysene-d12	13.99	240	229177	20.00	ng	0.00
86) Perylene-d12	15.48	264	170663	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	324407	45.04	ng	0.00
7) Phenol-d6	6.45	99	251832	28.46	ng	0.00
23) Nitrobenzene-d5	7.37	82	662241	97.32	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	173861	89.07	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1189602	99.87	ng	0.00
78) Terphenyl-d14	12.93	244	1119713	111.39	ng	0.01

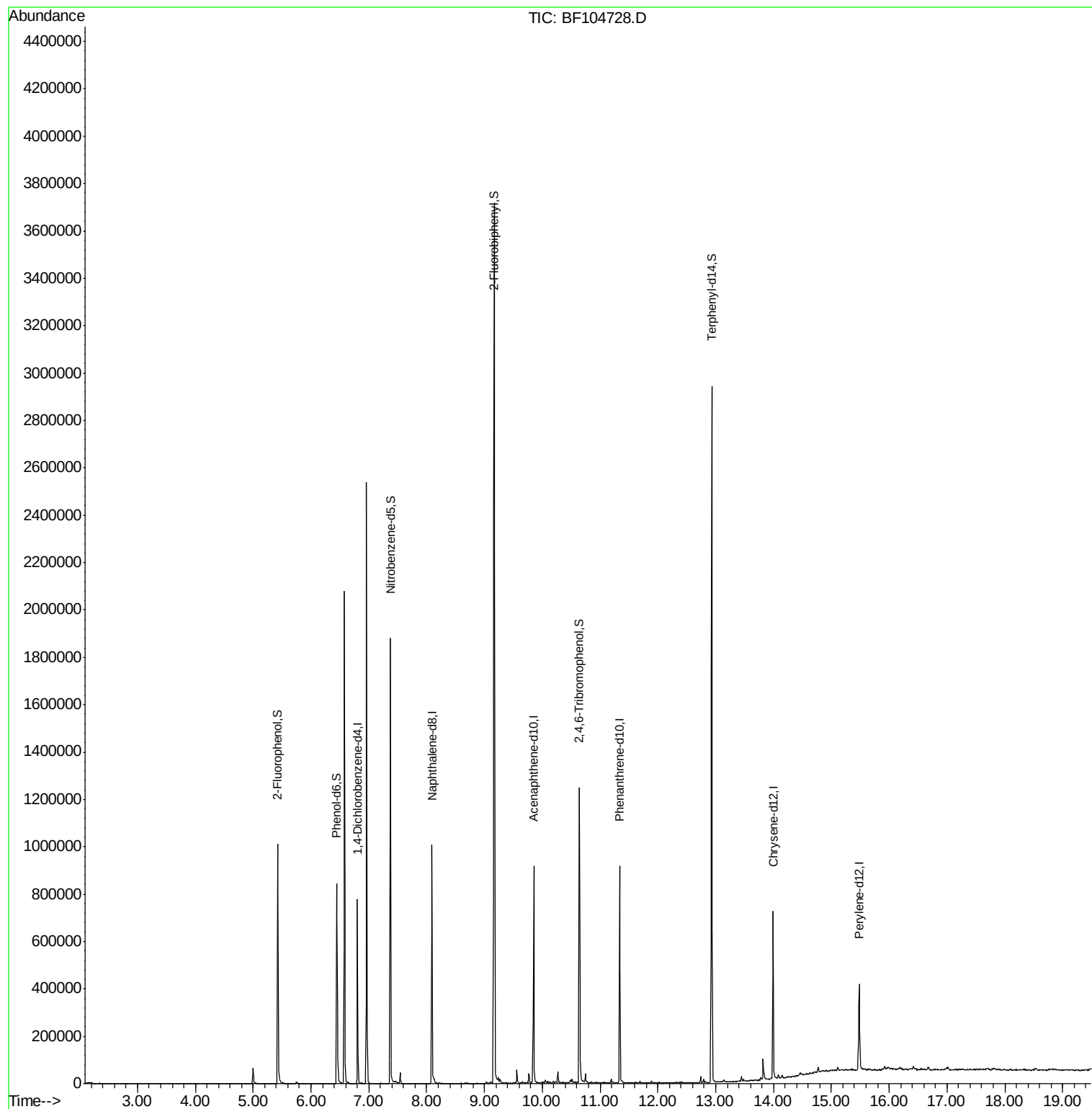
Target Compounds Qvalue

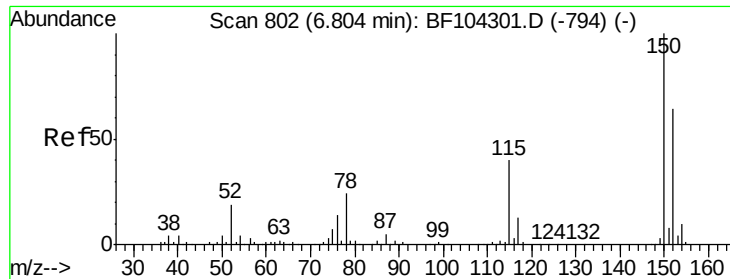
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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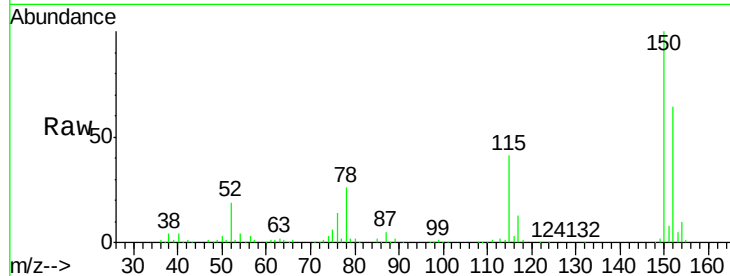


#1

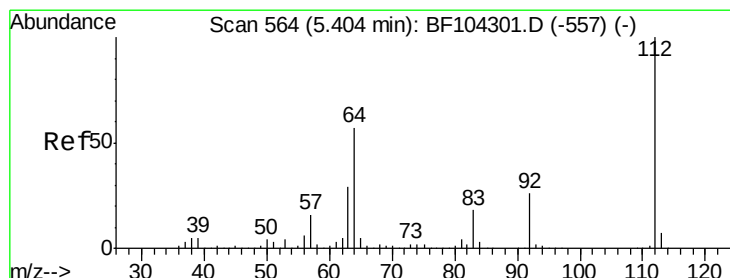
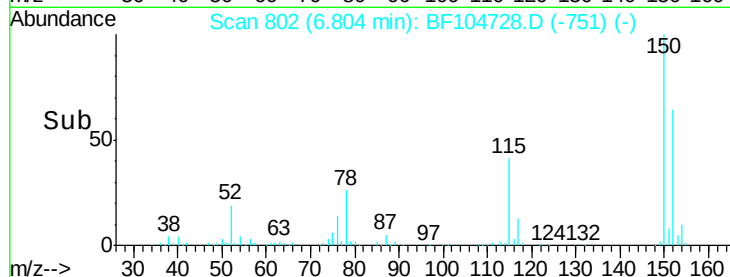
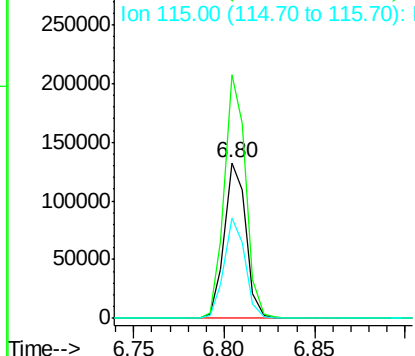
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104728.D
Acq: 24 Apr 2018 1:41

Instrument :
BNA_F
ClientSampleId :
041918-SIDW-E-U-S

Tot Ion:152 Resp: 110135
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 64.4 50.1 75.1



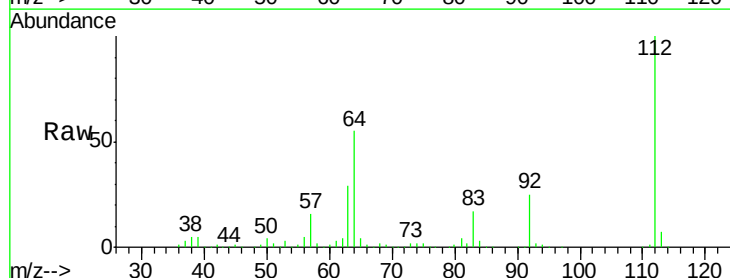
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



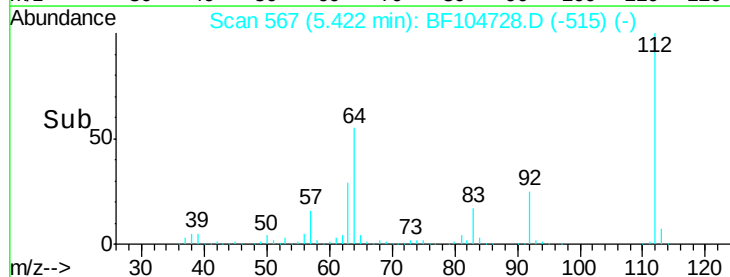
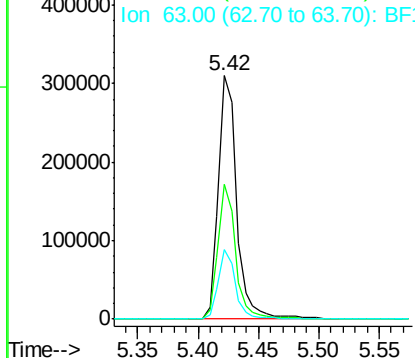
#5

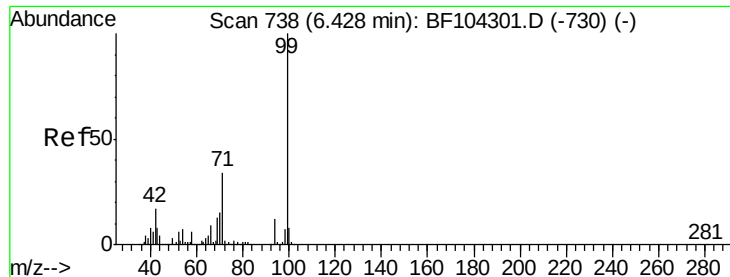
2-Fluorophenol
Concen: 45.039 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104728.D
Acq: 24 Apr 2018 1:41

Tgt Ion:112 Resp: 324407
Ion Ratio Lower Upper
112 100
64 55.3 47.9 71.9
63 28.6 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: 28.456 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104728.D

Acq: 24 Apr 2018 1:41

Instrument :

BNA_F

ClientSampleId :

041918-SIDW-E-U-S

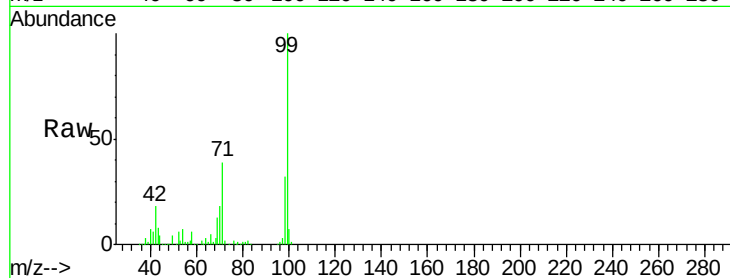
Tot Ion: 99 Resp: 251832

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

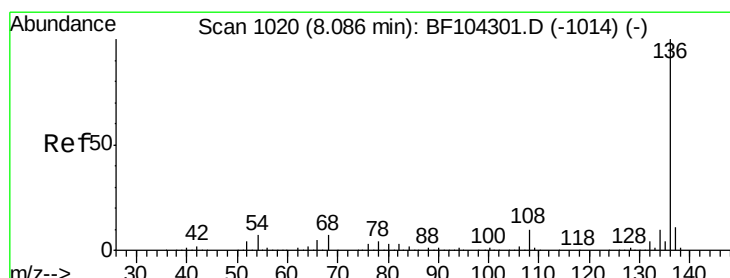
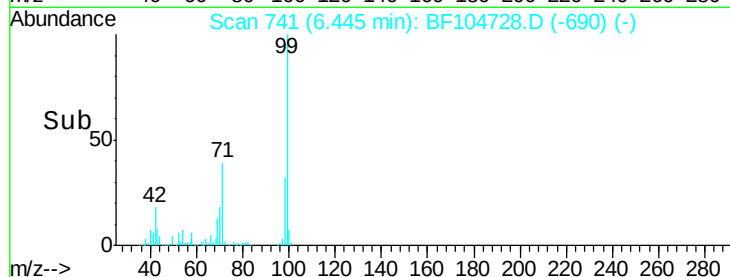
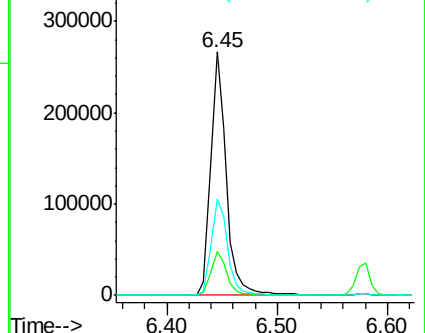
71 39.5 25.4 38.0#



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: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104728.D

Acq: 24 Apr 2018 1:41

Tgt Ion: 136 Resp: 444338

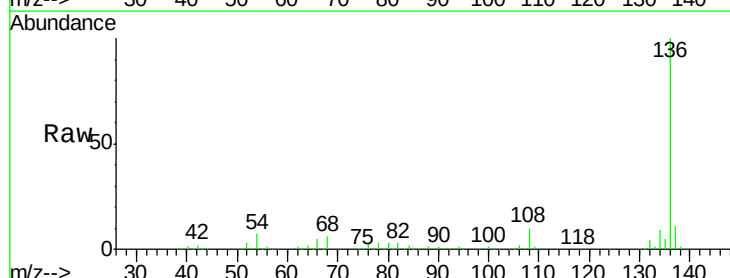
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.8 6.6 9.8

68 5.9 5.0 7.4

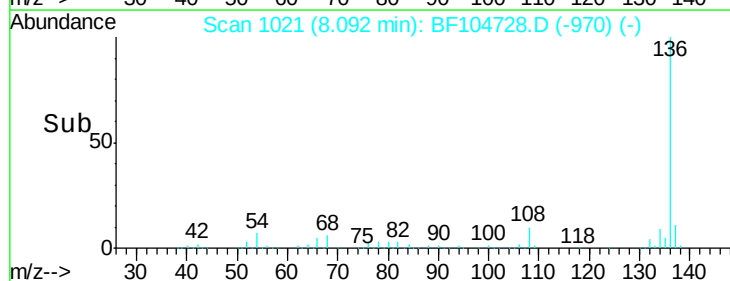
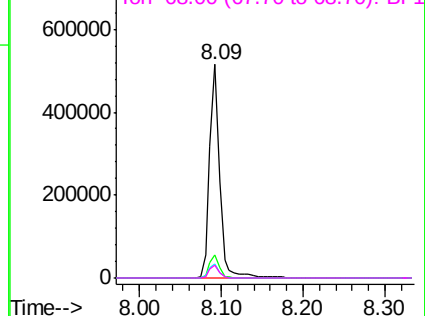


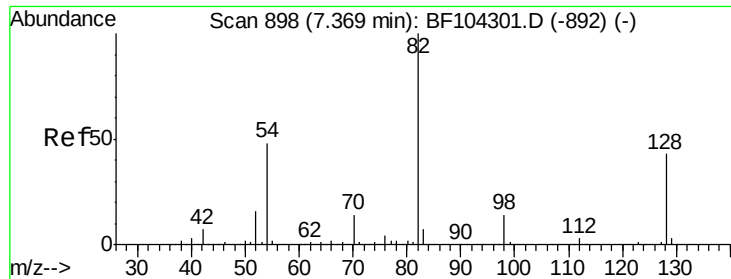
Abundance Ion 136.00 (135.70 to 136.70): E

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

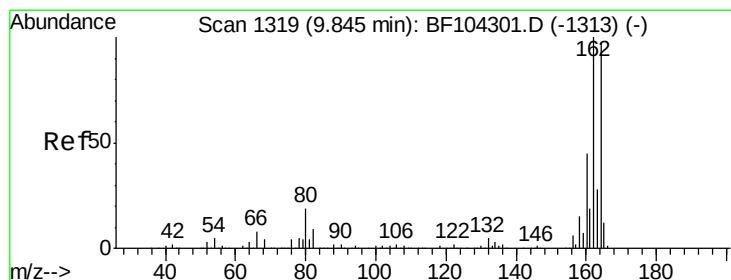
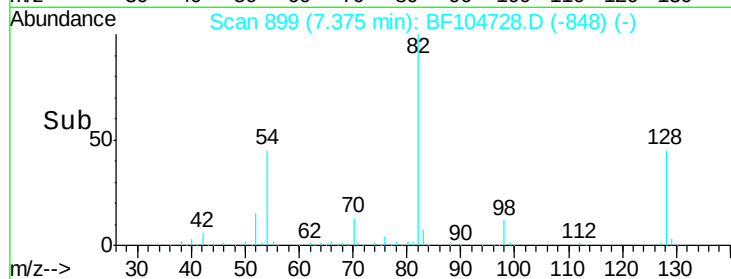
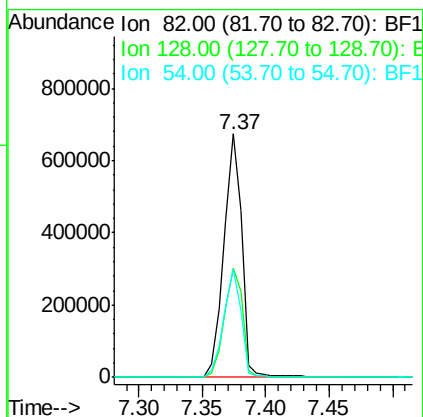
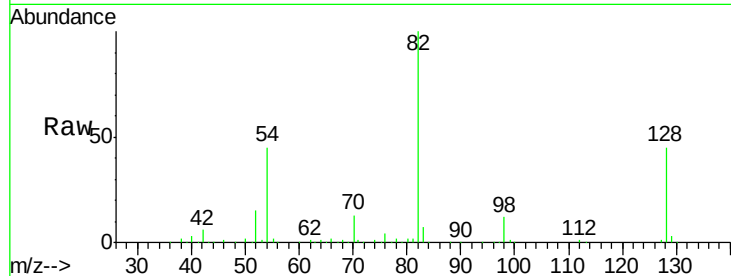




#23
Nitrobenzene-d5
Concen: 97.320 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104728.D
Acq: 24 Apr 2018 1:41

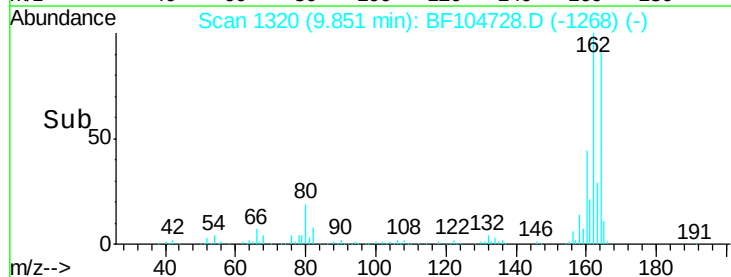
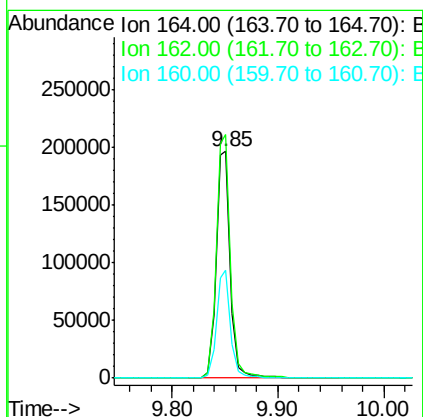
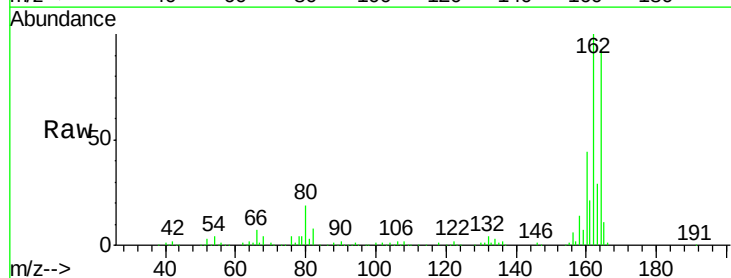
Instrument :
BNA_F
ClientSampleId :
041918-SIDW-E-U-S

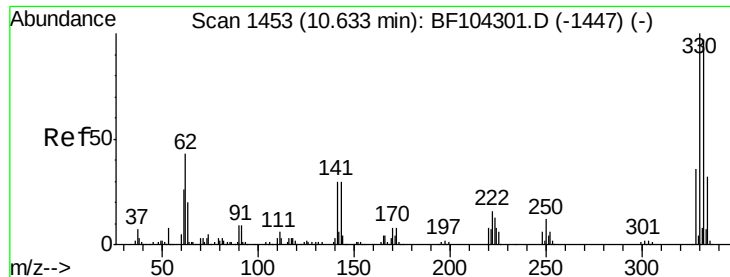
Tot Ion: 82 Resp: 662241
Ion Ratio Lower Upper
82 100
128 45.1 36.1 54.1
54 44.5 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF104728.D
Acq: 24 Apr 2018 1:41

Tgt Ion:164 Resp: 188167
Ion Ratio Lower Upper
164 100
162 107.5 86.1 129.1
160 47.7 38.3 57.5

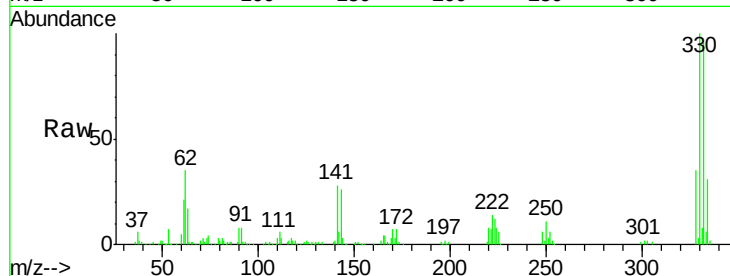




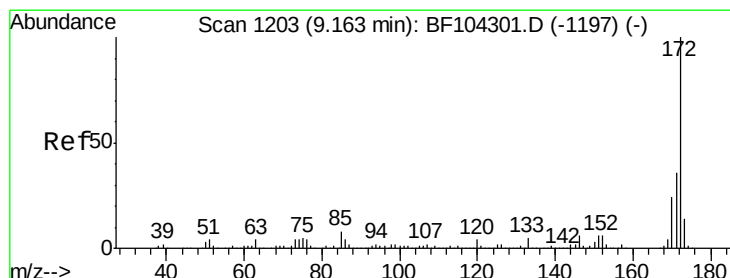
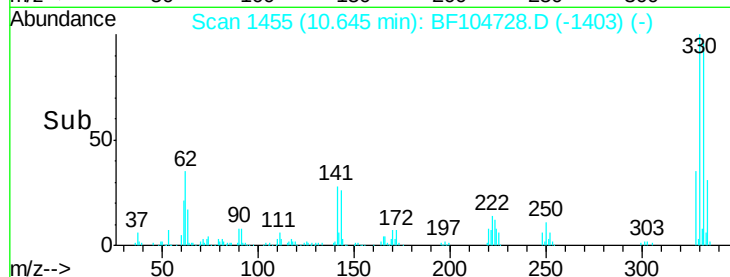
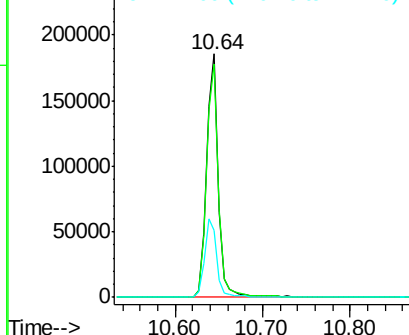
#41
 2,4,6-Tribromophenol
 Concen: 89.072 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104728.D
 Acq: 24 Apr 2018 1:41

Instrument :
 BNA_F
 ClientSampleId :
 041918-SIDW-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	33.5	29.9	44.9

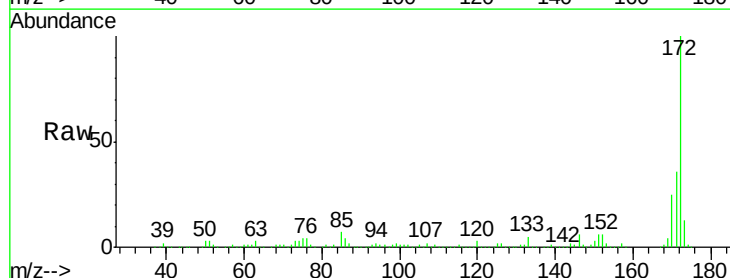


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

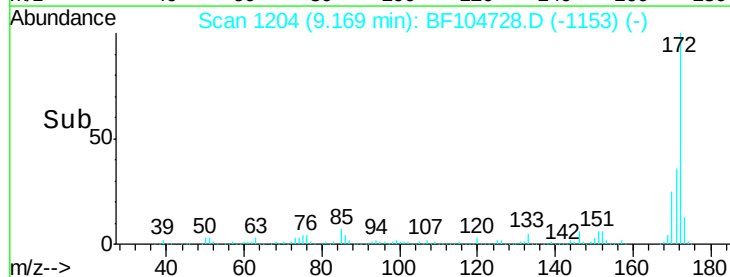
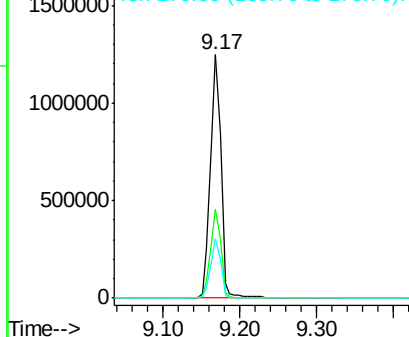


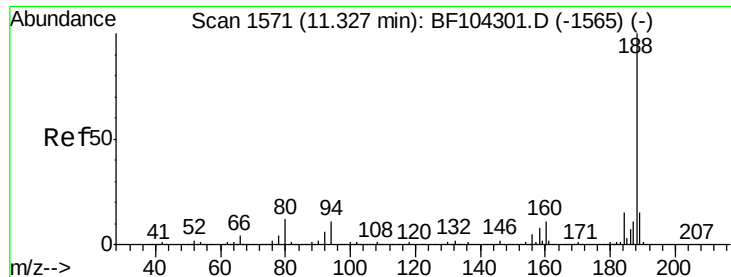
#44
 2-Fluorobiphenyl
 Concen: 99.873 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104728.D
 Acq: 24 Apr 2018 1:41

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



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

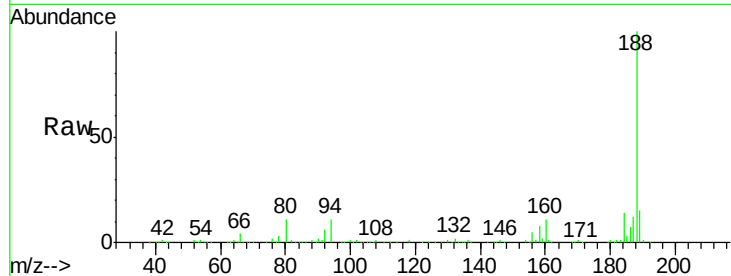




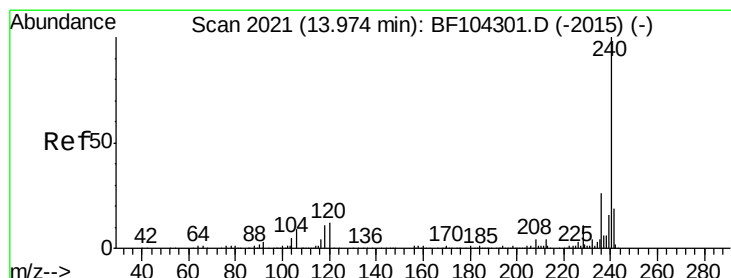
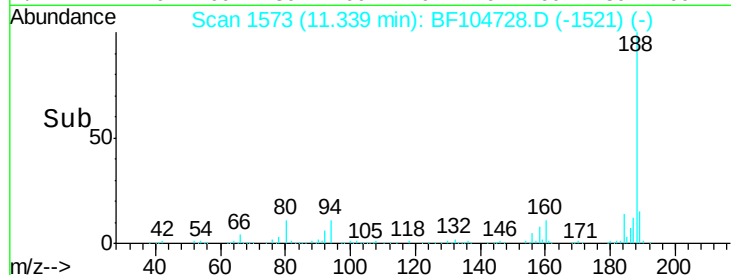
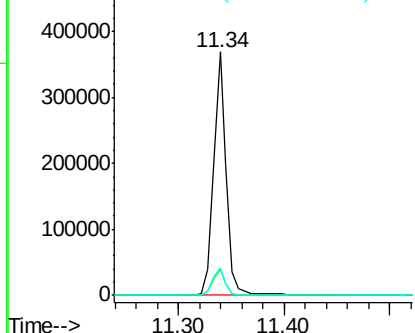
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.01 min
 Lab File: BF104728.D
 Acq: 24 Apr 2018 1:41

Instrument :
 BNA_F
 ClientSampleId :
 041918-SIDW-E-U-S

Tot Ion:188 Resp: 314664
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.5 12.7
 80 11.4 9.2 13.8

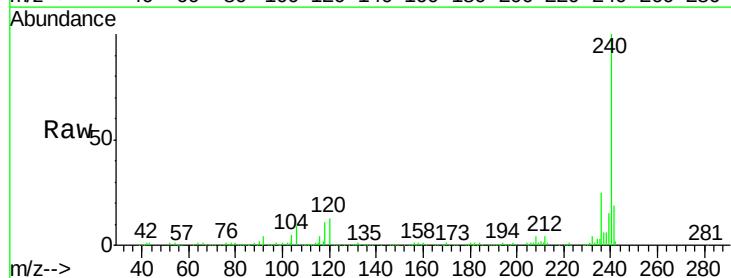


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

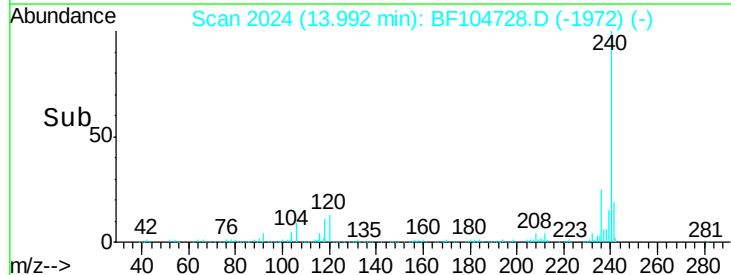
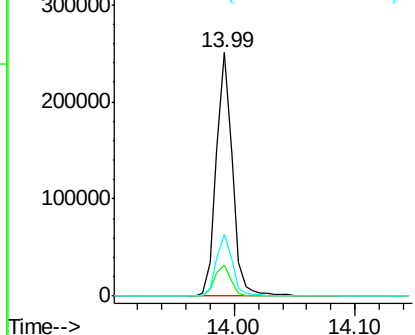


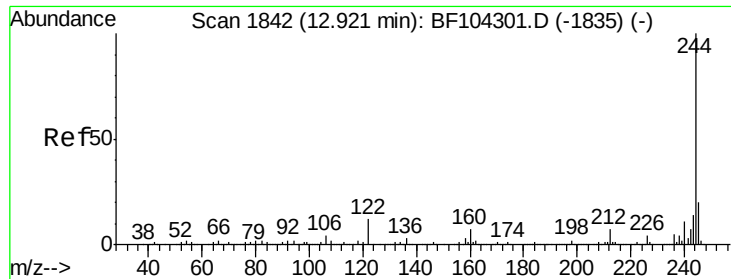
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BF104728.D
 Acq: 24 Apr 2018 1:41

Tgt Ion:240 Resp: 229177
 Ion Ratio Lower Upper
 240 100
 120 12.7 9.5 14.3
 236 25.3 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

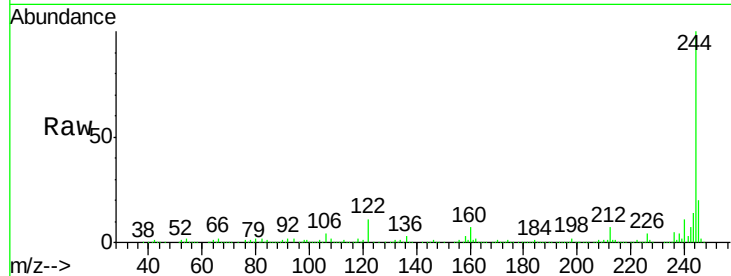




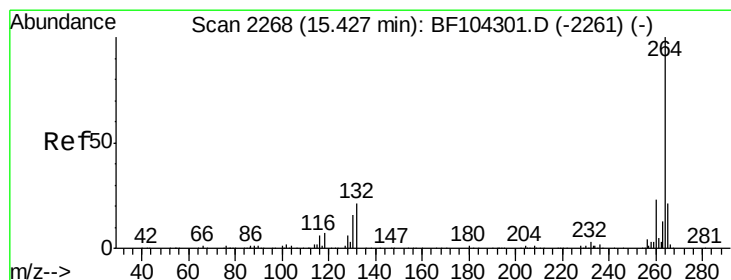
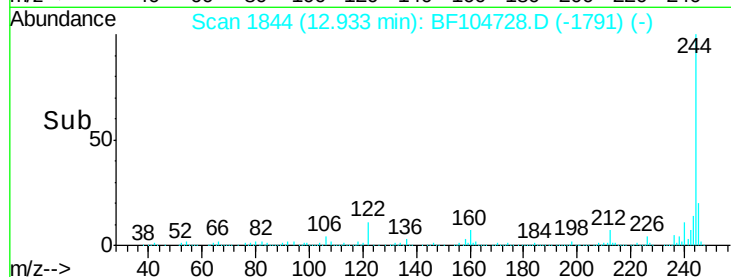
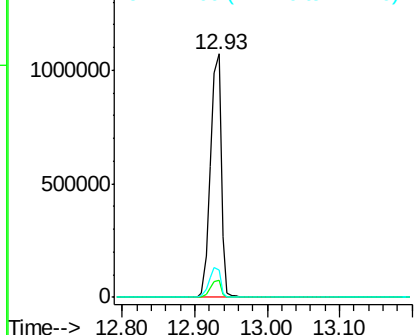
#78
 Terphenyl-d14
 Concen: 111.388 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: BF104728.D
 Acq: 24 Apr 2018 1:41

Instrument :
 BNA_F
 ClientSampleId :
 041918-SIDW-E-U-S

Tot Ion:244 Resp: 1119713
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.1 11.0 16.4

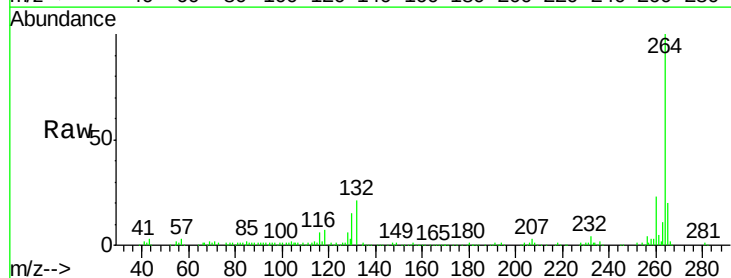


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.03 min
 Lab File: BF104728.D
 Acq: 24 Apr 2018 1:41

Tgt Ion:264 Resp: 170663
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 20.0 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

