

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098844.D
 Acq On : 26 Sep 2017 20:47
 Operator : SJ/JU
 Sample : I5426-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092517-TIDO-F-U-M

Quant Time: Sep 27 02:21:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	160085	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	672912	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	306428	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	514950	20.00	ng	0.00
75) Chrysene-d12	14.07	240	363554	20.00	ng	-0.01
86) Perylene-d12	15.57	264	338011	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	516178	51.33	ng	-0.01
7) Phenol-d6	6.53	99	404278	32.59	ng	-0.02
23) Nitrobenzene-d5	7.48	82	1061581	101.17	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	242610	96.76	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1831679	99.79	ng	0.00
78) Terphenyl-d14	13.03	244	1406783	88.00	ng	0.00

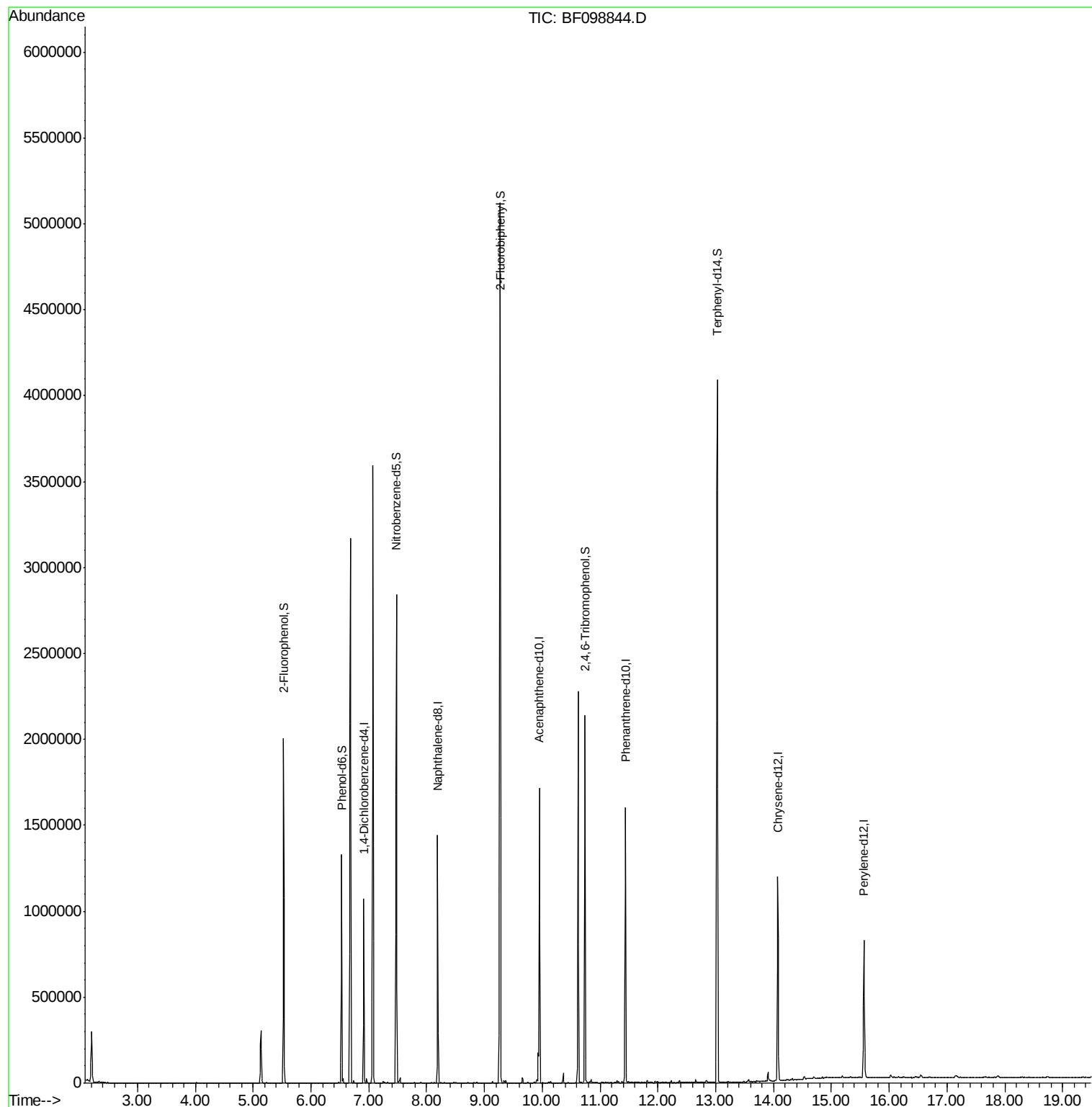
Target Compounds Qvalue

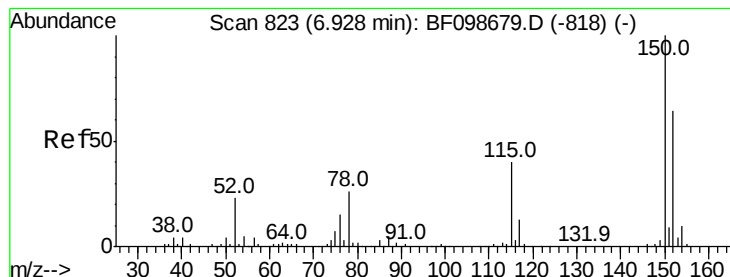
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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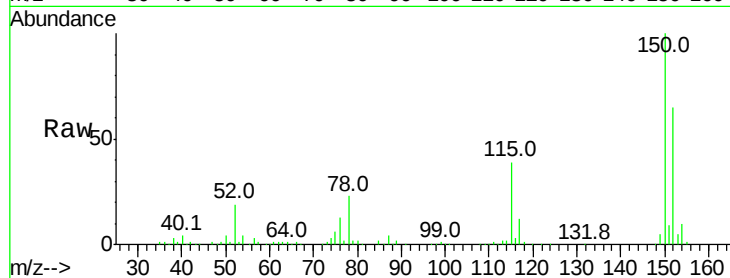


#1

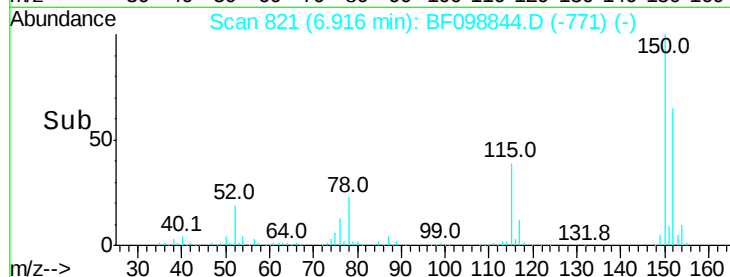
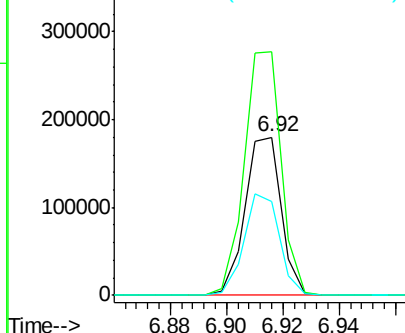
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098844.D
 Acq: 26 Sep 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 092517-TIDO-F-U-M

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



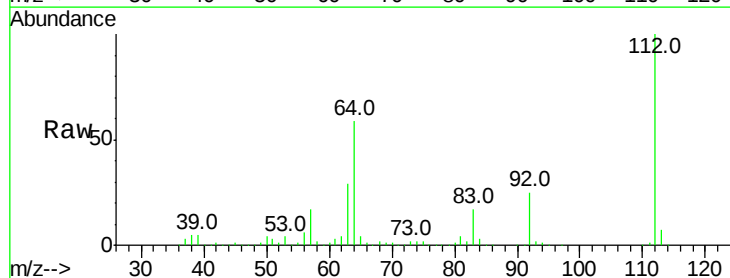
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



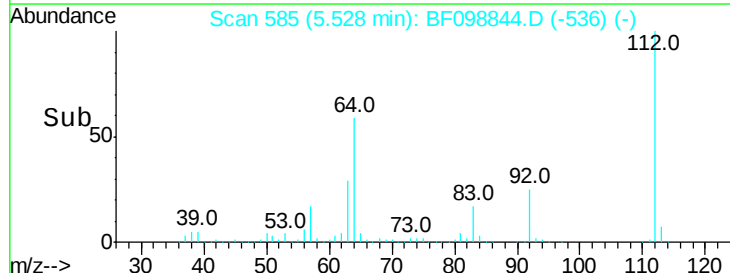
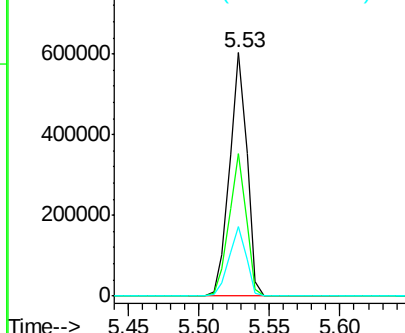
#5

2-Fluorophenol
 Concen: 51.329 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF098844.D
 Acq: 26 Sep 2017 20:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.9	71.9
63	28.7	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.589 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098844.D

Acq: 26 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

092517-TIDO-F-U-M

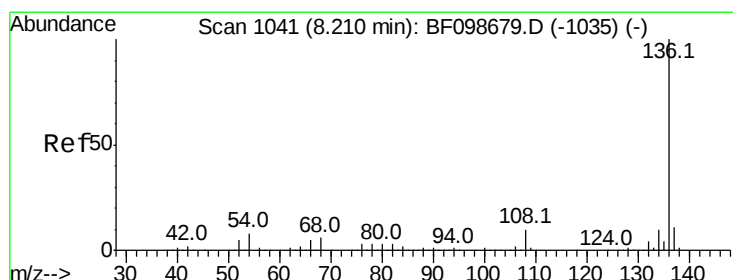
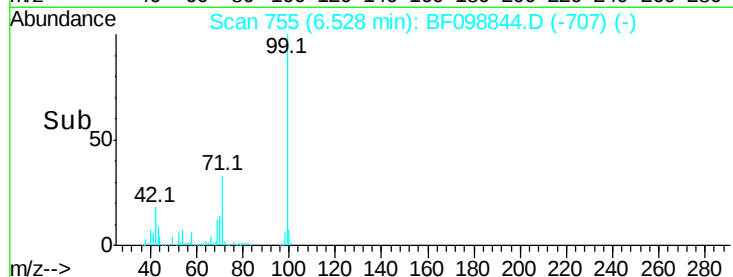
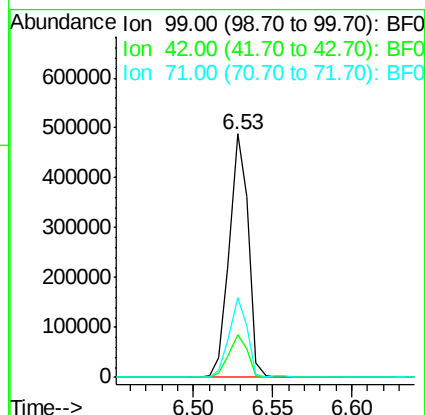
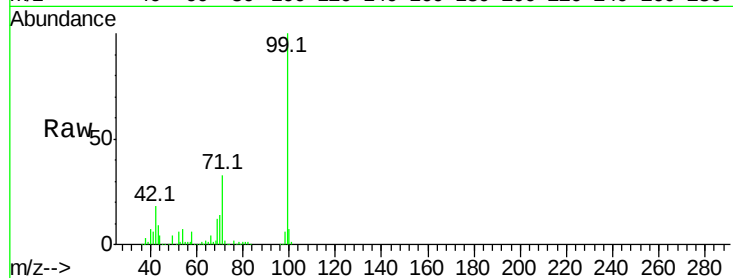
Tot Ion: 99 Resp: 404278

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

71 32.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098844.D

Acq: 26 Sep 2017 20:47

Tgt Ion: 136 Resp: 672912

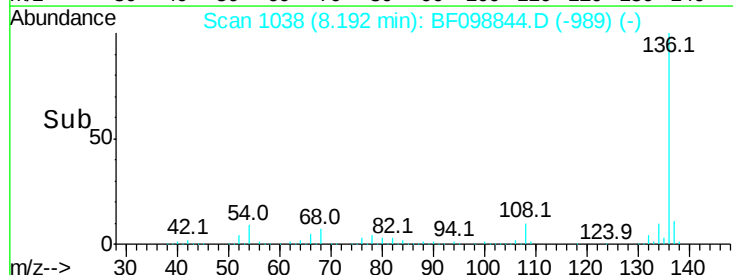
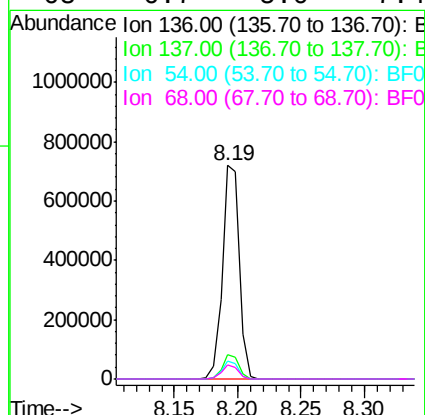
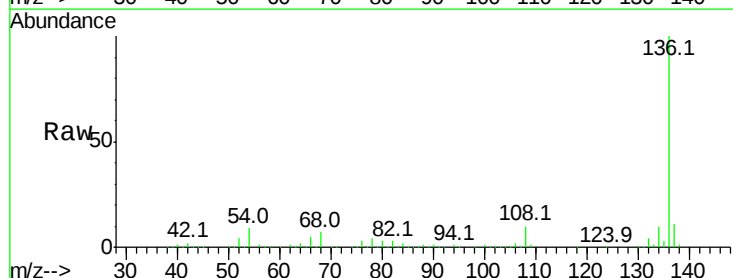
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.6 6.6 9.8

68 6.7 5.0 7.4



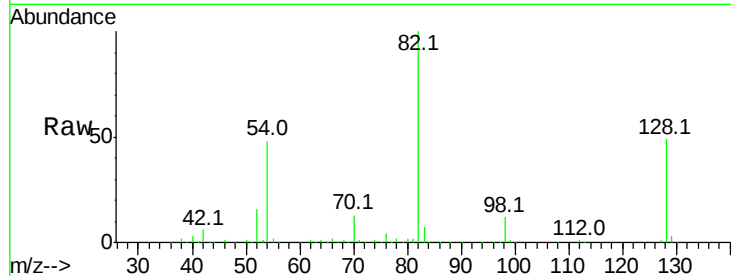


#23
 Nitrobenzene-d5
 Concen: 101.171 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098844.D
 Acq: 26 Sep 2017 20:47

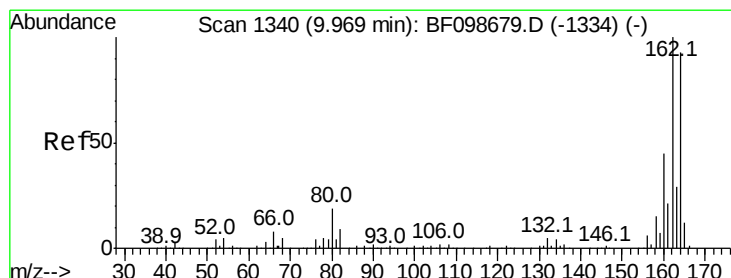
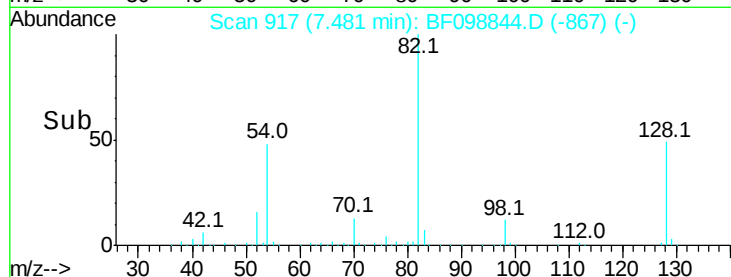
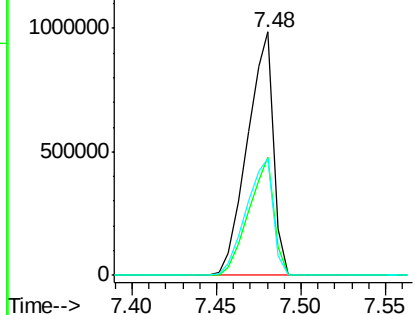
Instrument :
 BNA_F
 ClientSampleId :
 092517-TIDO-F-U-M

Tot Ion: 82 Resp: 1061581

Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.1	54.1
54	48.3	41.4	62.2



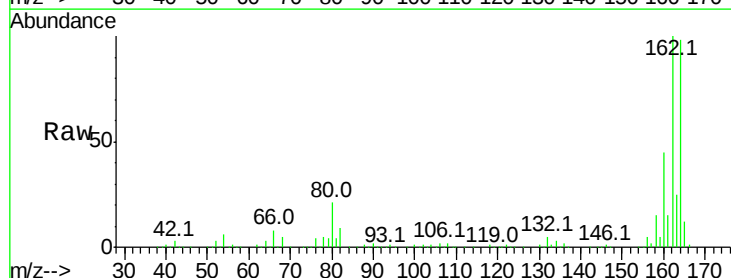
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



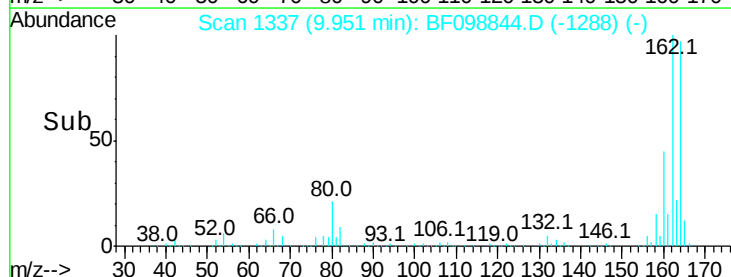
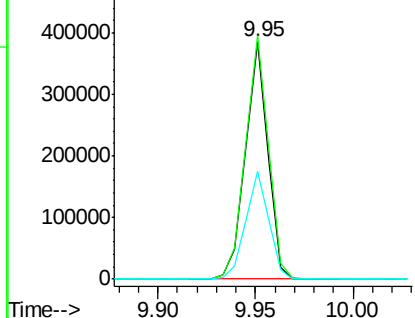
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098844.D
 Acq: 26 Sep 2017 20:47

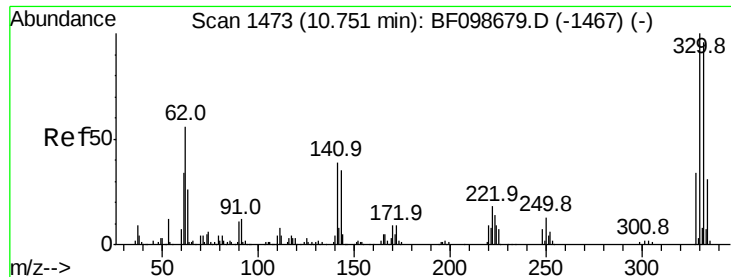
Tgt Ion:164 Resp: 306428

Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	45.6	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

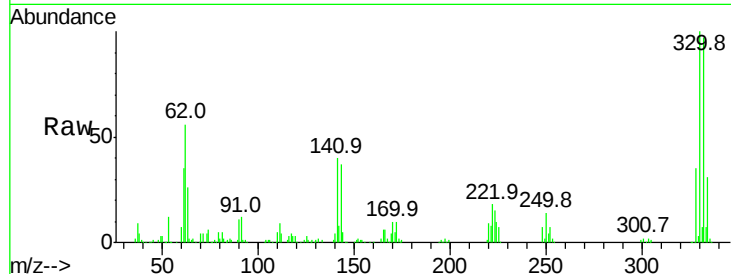




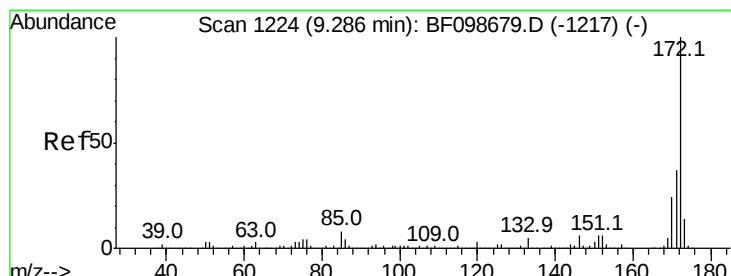
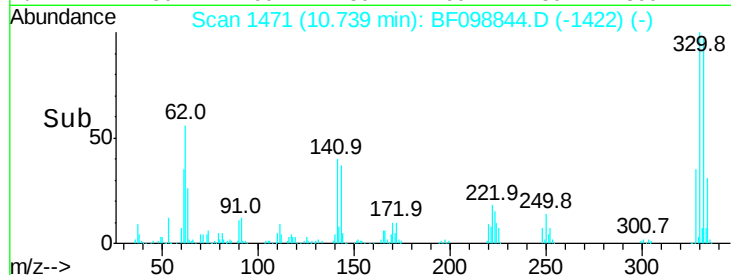
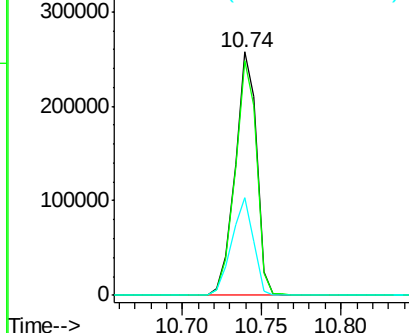
#41
 2,4,6-Tribromophenol
 Concen: 96.757 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098844.D
 Acq: 26 Sep 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 092517-TIDO-F-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	40.3	29.9	44.9

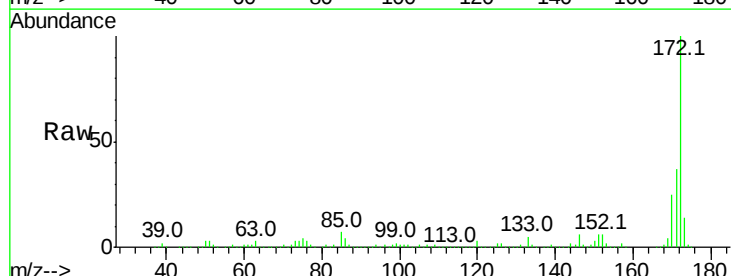


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

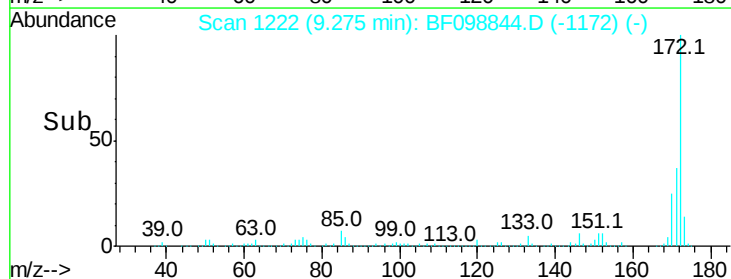
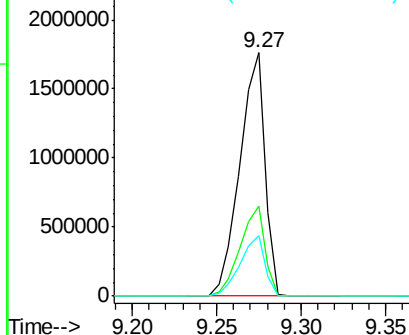


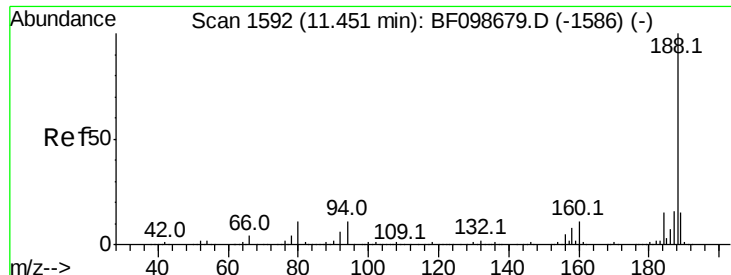
#44
 2-Fluorobiphenyl
 Concen: 99.790 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098844.D
 Acq: 26 Sep 2017 20:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.7	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

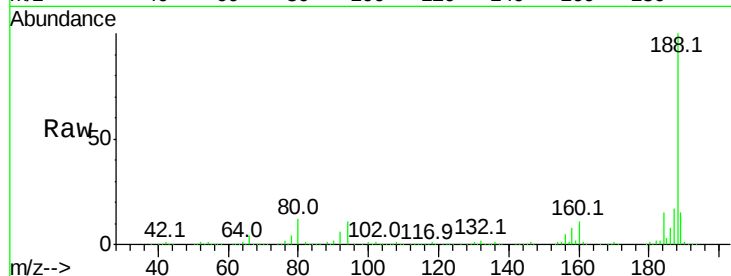




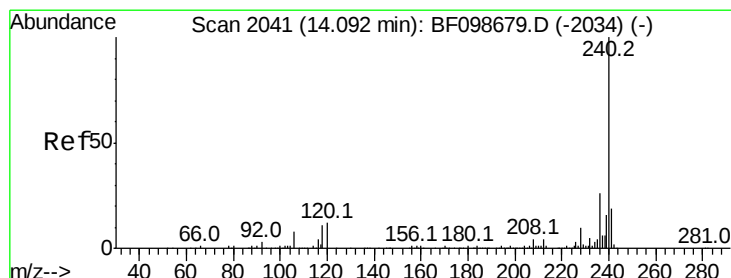
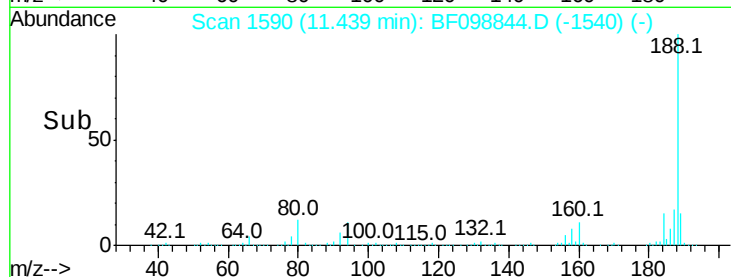
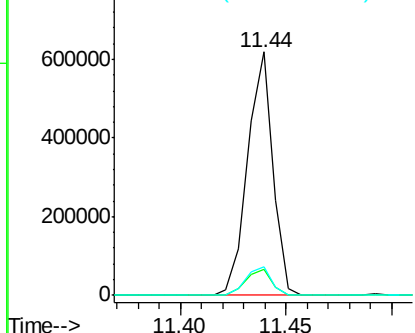
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098844.D
Acq: 26 Sep 2017 20:47

Instrument :
BNA_F
ClientSampleId :
092517-TIDO-F-U-M

Tot Ion:188 Resp: 514950
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.7 9.2 13.8

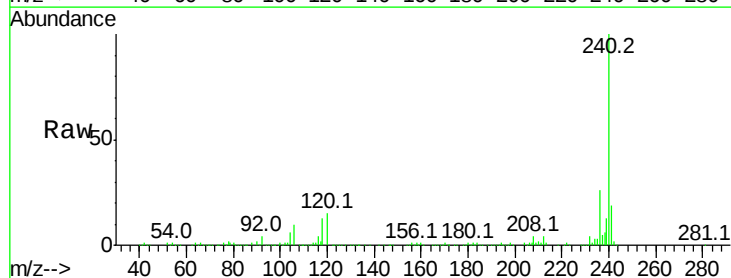


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

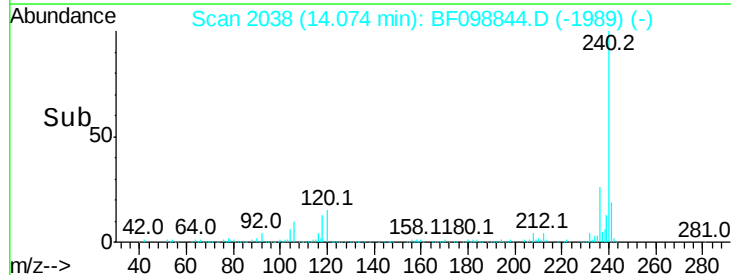
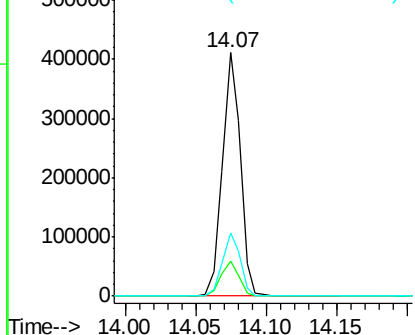


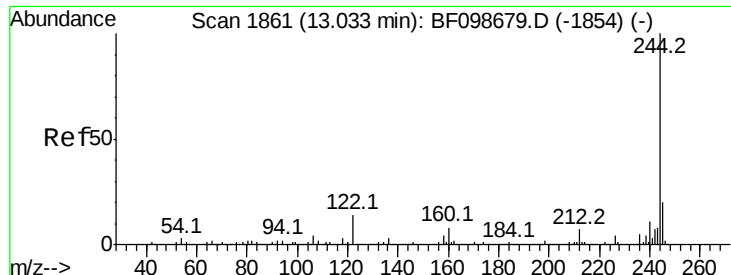
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098844.D
Acq: 26 Sep 2017 20:47

Tgt Ion:240 Resp: 363554
Ion Ratio Lower Upper
240 100
120 14.6 9.5 14.3#
236 26.0 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: 88.001 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098844.D

Acq: 26 Sep 2017 20:47

Instrument :

BNA_F

ClientSampleId :

092517-TIDO-F-U-M

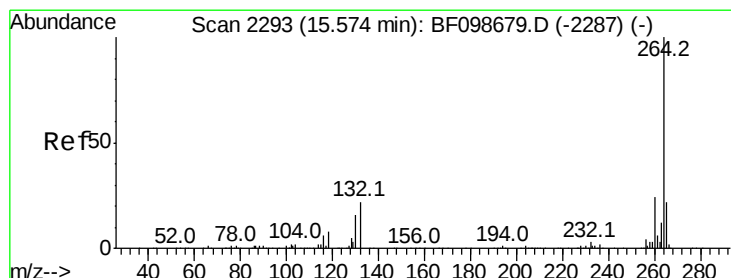
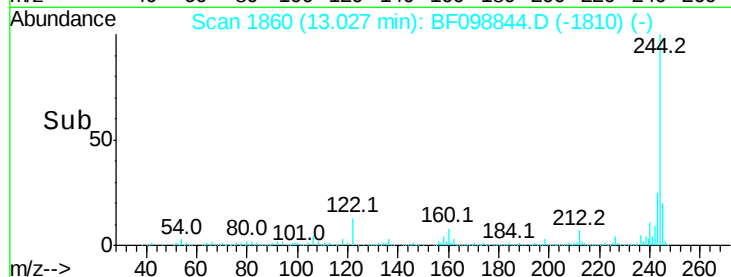
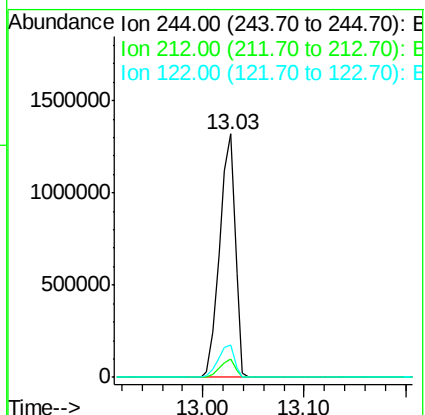
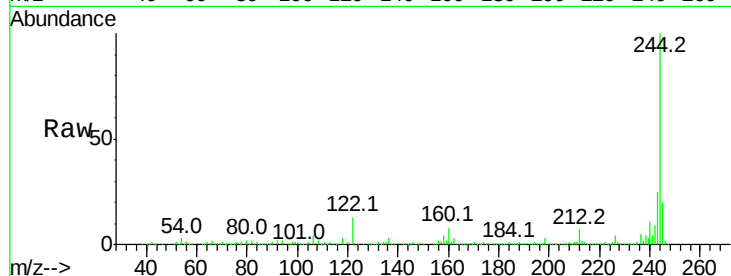
Tot Ion:244 Resp: 1406783

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

122 13.1 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098844.D

Acq: 26 Sep 2017 20:47

Tgt Ion:264 Resp: 338011

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.0 17.5 26.3

