

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098843.D
 Acq On : 26 Sep 2017 20:19
 Operator : SJ/JU
 Sample : I5426-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Sep 27 02:18:37 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	156405	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	655186	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	294964	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	479541	20.00	ng	0.00
75) Chrysene-d12	14.07	240	310234	20.00	ng	-0.01
86) Perylene-d12	15.57	264	302168	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	508300	51.74	ng	-0.01
7) Phenol-d6	6.53	99	396910	32.75	ng	-0.02
23) Nitrobenzene-d5	7.48	82	987756	96.68	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	214092	88.70	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1722138	97.47	ng	0.00
78) Terphenyl-d14	13.03	244	1259282	92.31	ng	0.00

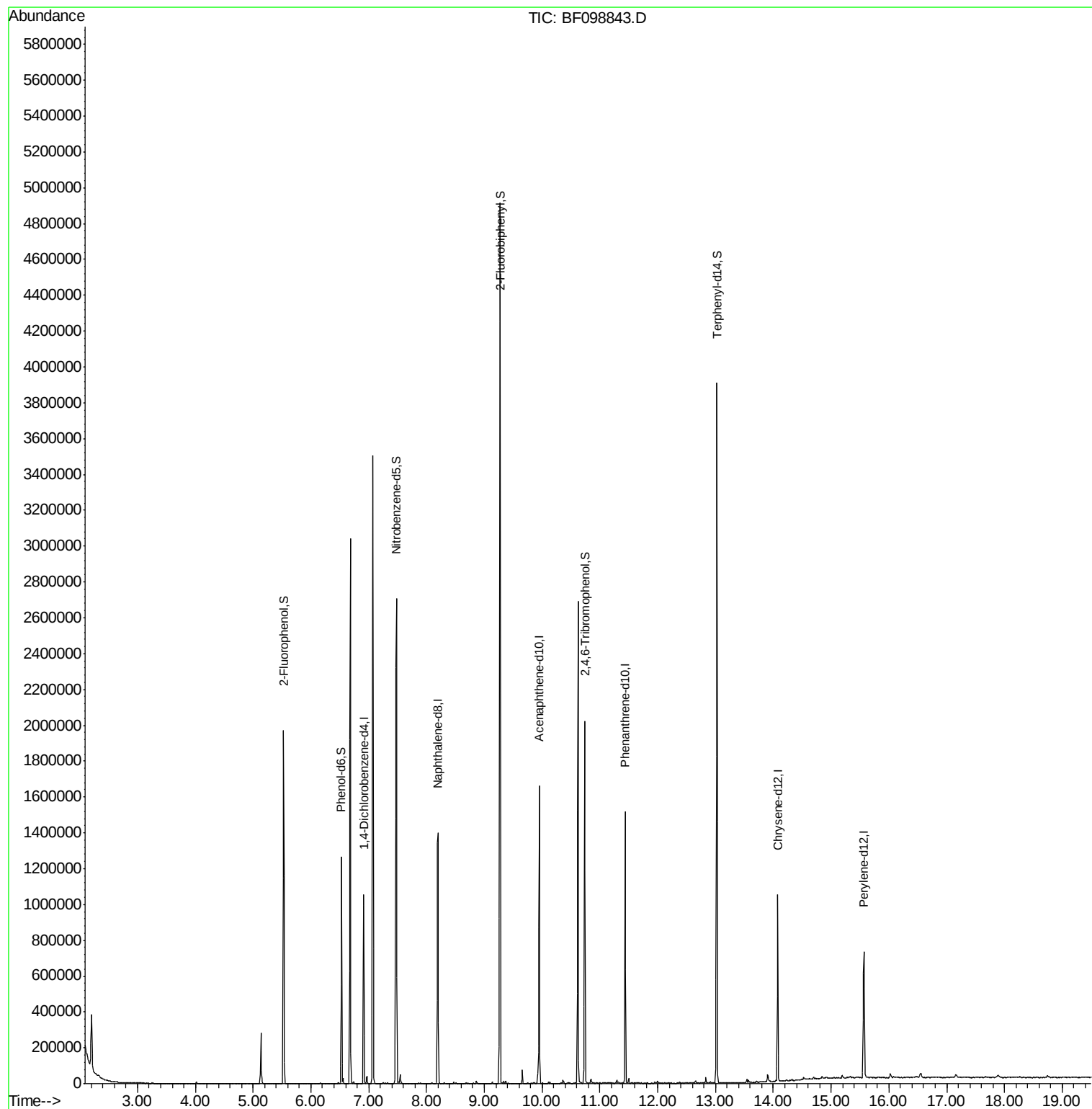
Target Compounds Qvalue

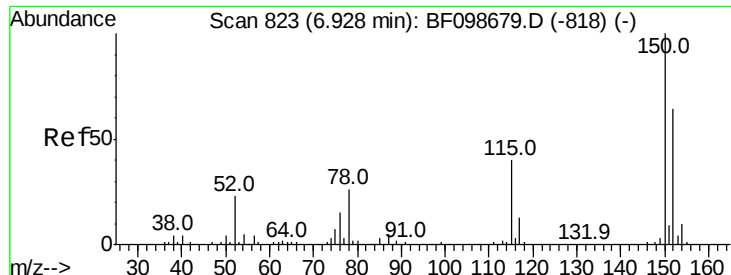
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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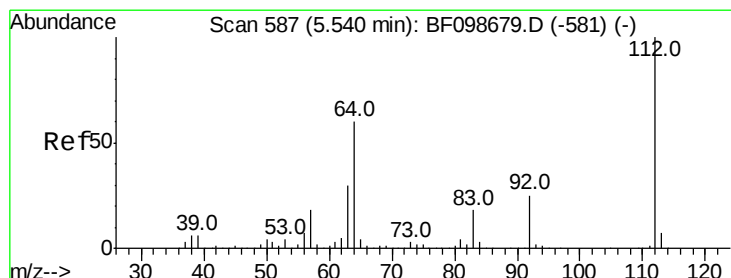
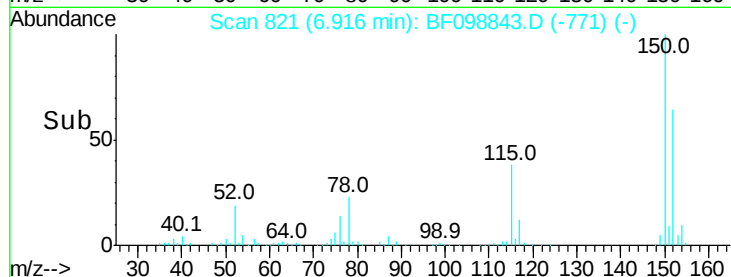
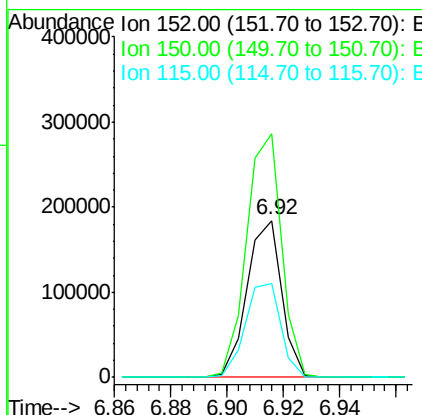
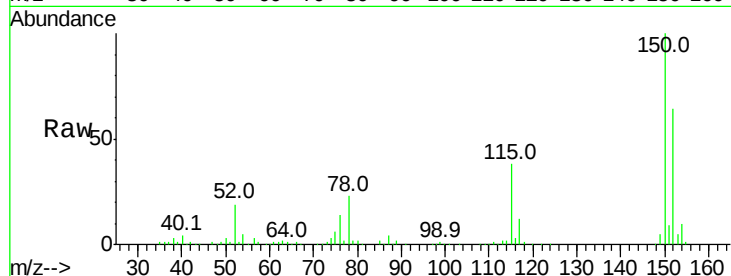


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098843.D
 Acq: 26 Sep 2017 20:19

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

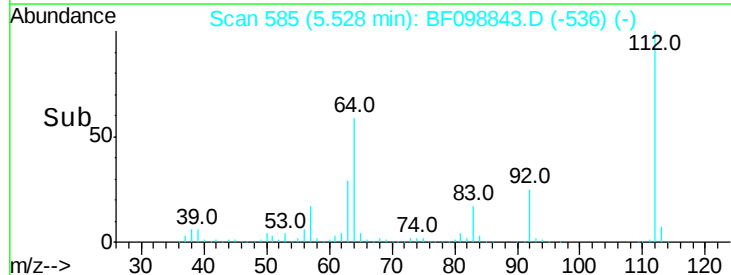
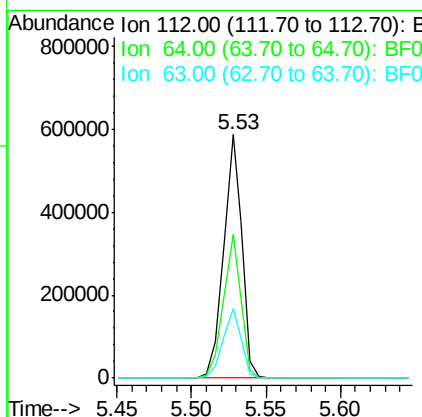
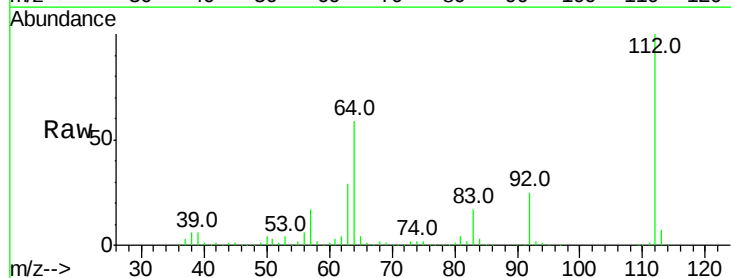
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	59.5	50.1	75.1

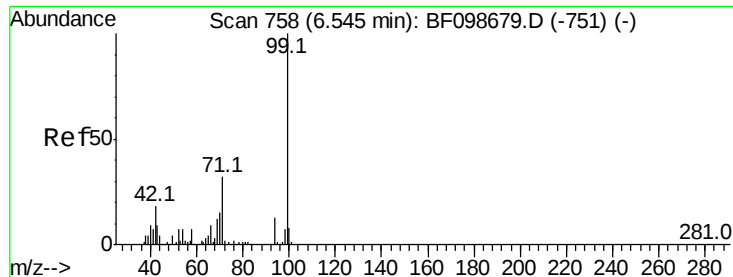


#5

2-Fluorophenol
 Concen: 51.735 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF098843.D
 Acq: 26 Sep 2017 20:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	28.7	23.7	35.5





#7

Phenol-d6

Concen: 32.748 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098843.D

Acq: 26 Sep 2017 20:19

Instrument :

BNA_F

ClientSampleId :

092517-TIDO-F-D-M

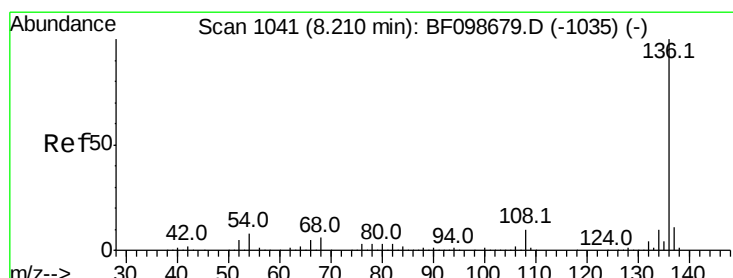
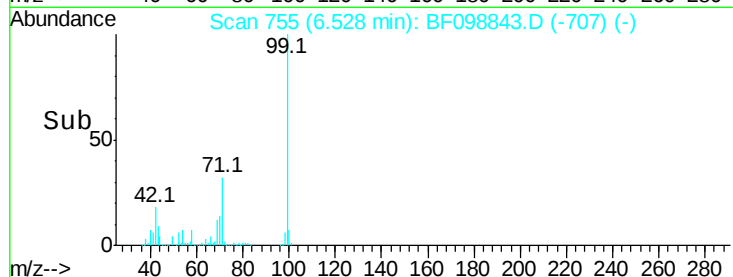
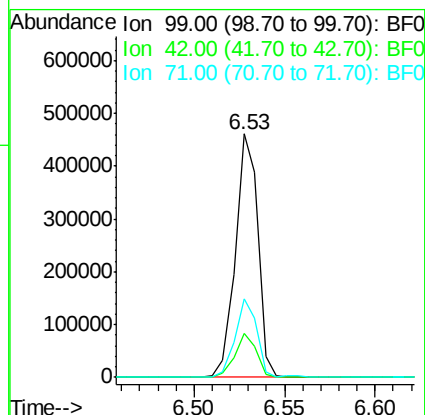
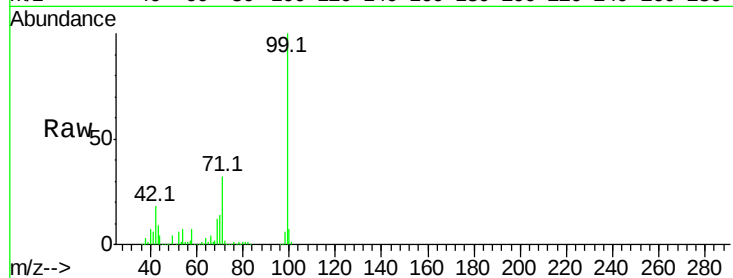
Tot Ion: 99 Resp: 396910

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

71 32.1 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098843.D

Acq: 26 Sep 2017 20:19

Tgt Ion: 136 Resp: 655186

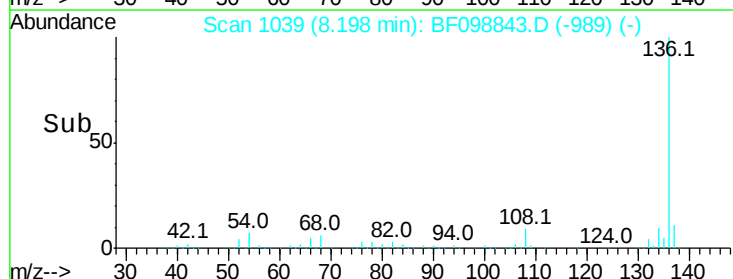
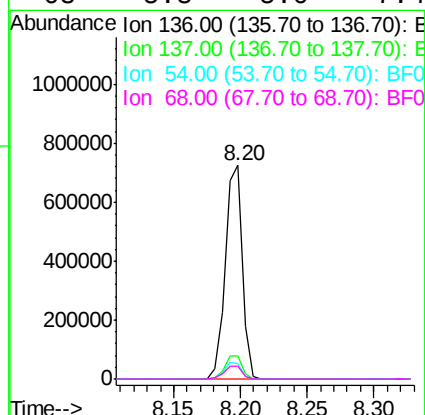
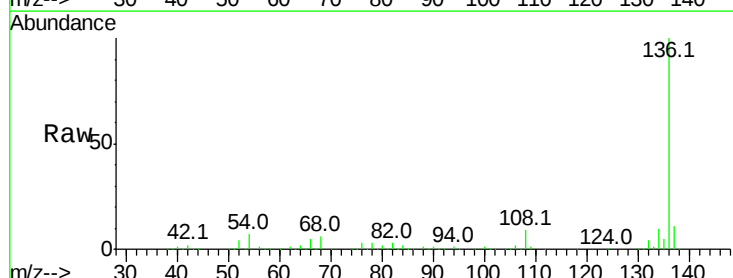
Ion Ratio Lower Upper

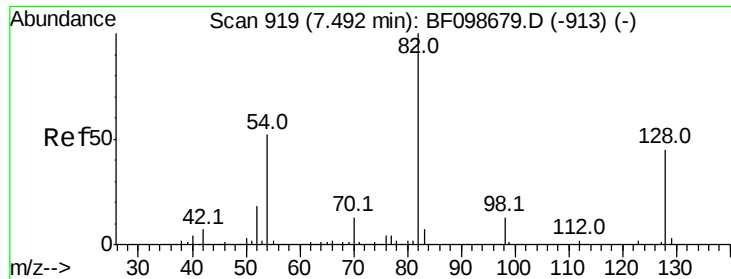
136 100

137 11.0 8.9 13.3

54 7.2 6.6 9.8

68 5.8 5.0 7.4

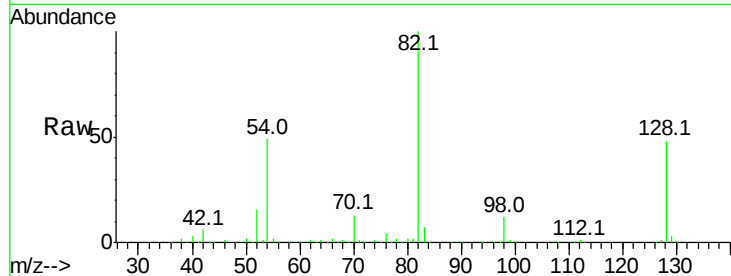




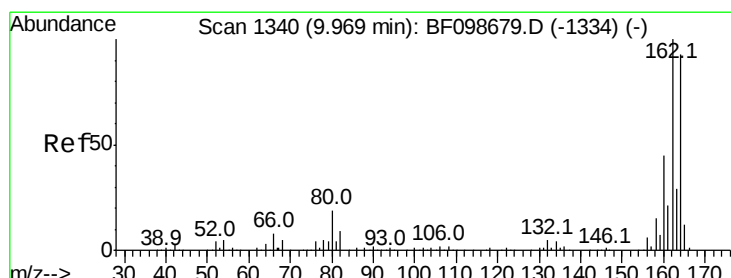
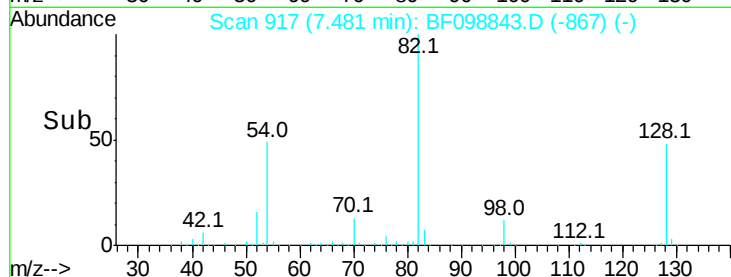
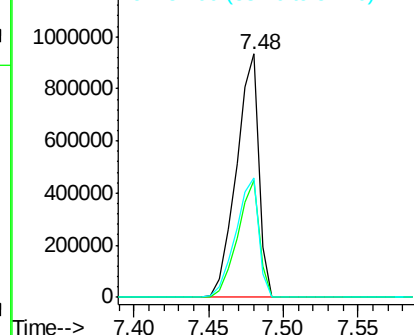
#23
 Nitrobenzene-d5
 Concen: 96.682 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098843.D
 Acq: 26 Sep 2017 20:19

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

Tot Ion: 82 Resp: 987756
 Ion Ratio Lower Upper
 82 100
 128 48.2 36.1 54.1
 54 49.3 41.4 62.2

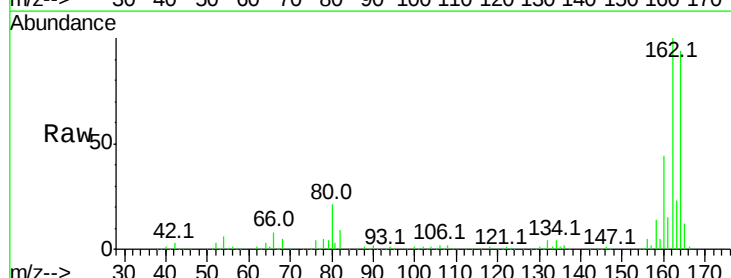


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

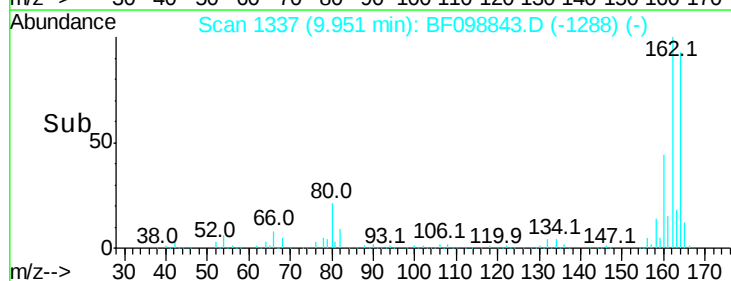
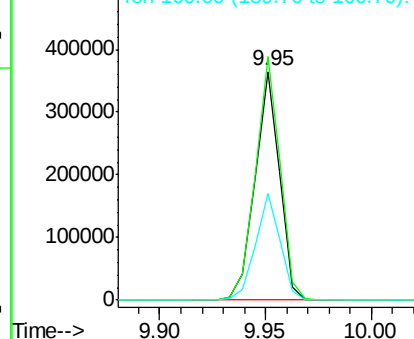


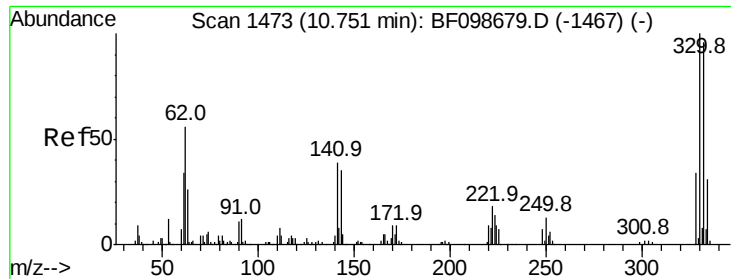
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098843.D
 Acq: 26 Sep 2017 20:19

Tgt Ion:164 Resp: 294964
 Ion Ratio Lower Upper
 164 100
 162 106.7 86.1 129.1
 160 46.9 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

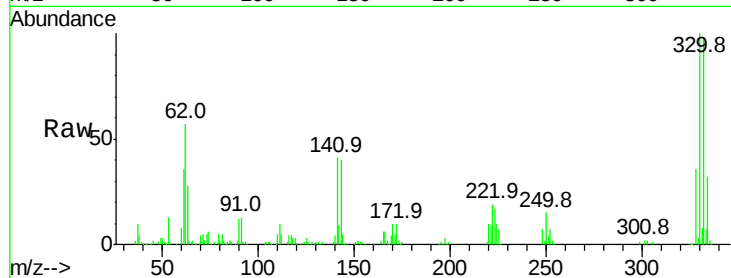




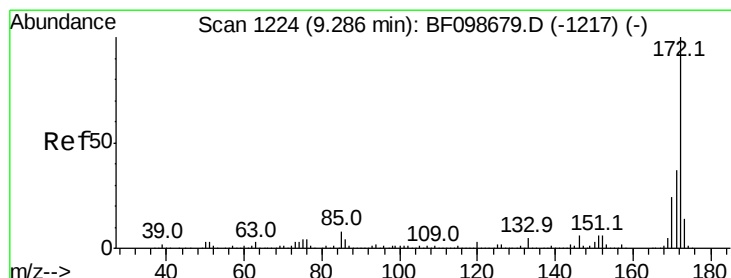
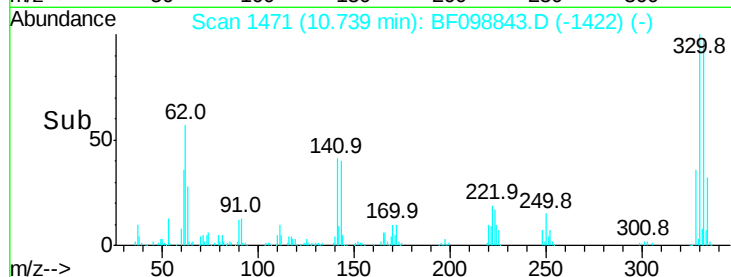
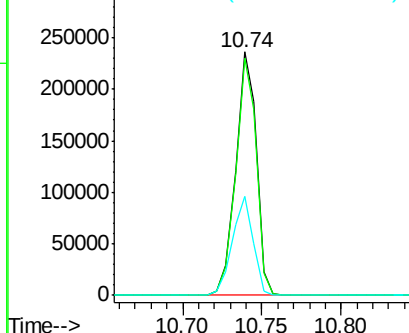
#41
 2,4,6-Tribromophenol
 Concen: 88.702 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098843.D
 Acq: 26 Sep 2017 20:19

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	41.0	29.9	44.9

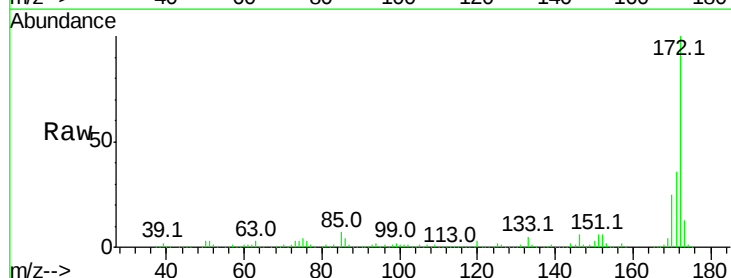


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

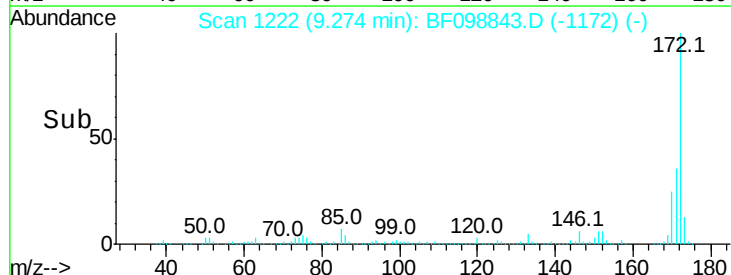
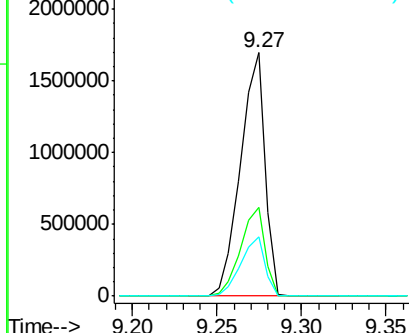


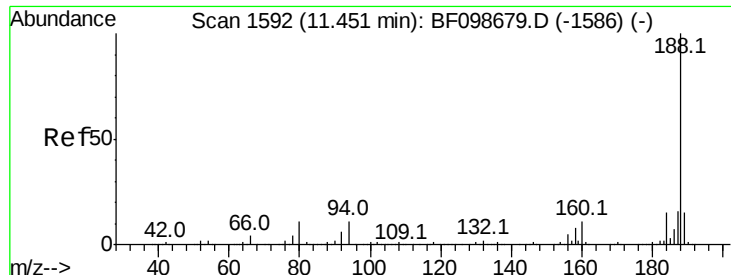
#44
 2-Fluorobiphenyl
 Concen: 97.468 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098843.D
 Acq: 26 Sep 2017 20:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.6	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

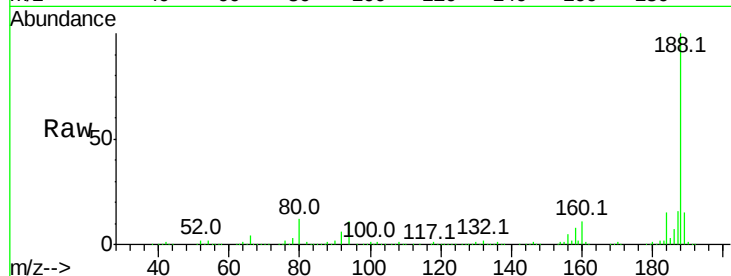




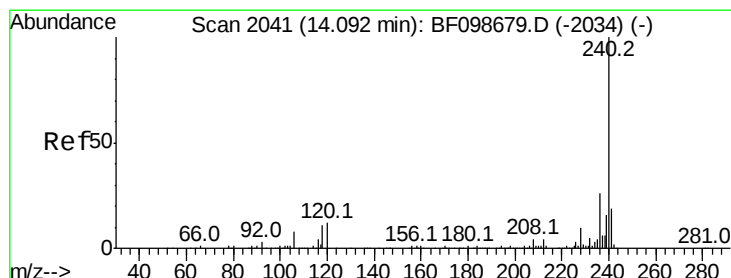
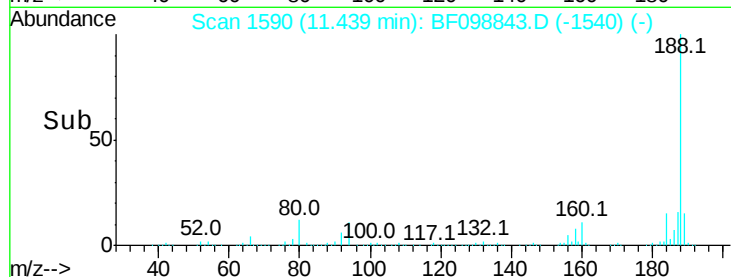
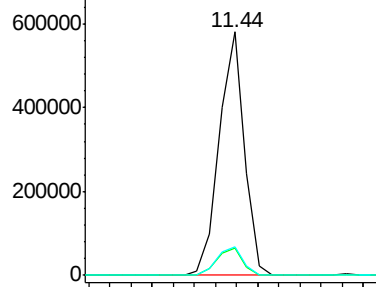
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098843.D
Acq: 26 Sep 2017 20:19

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

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.6	9.2	13.8

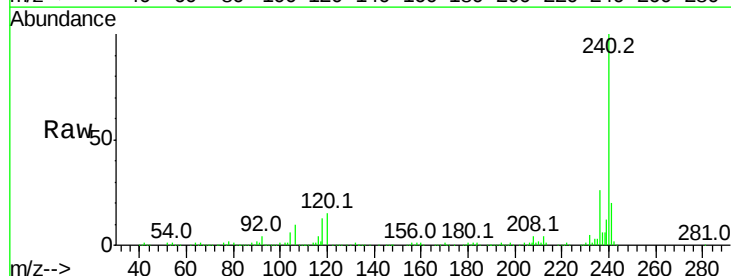


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

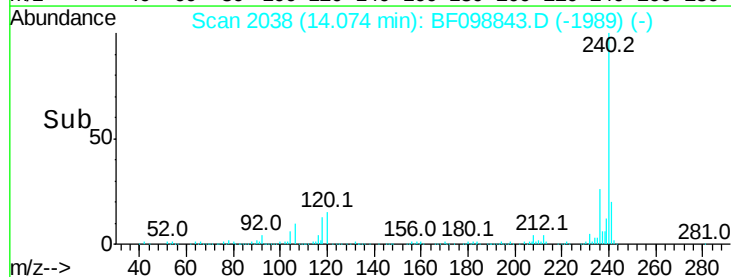
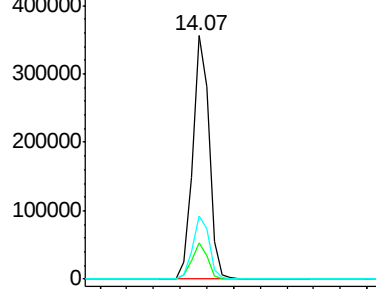


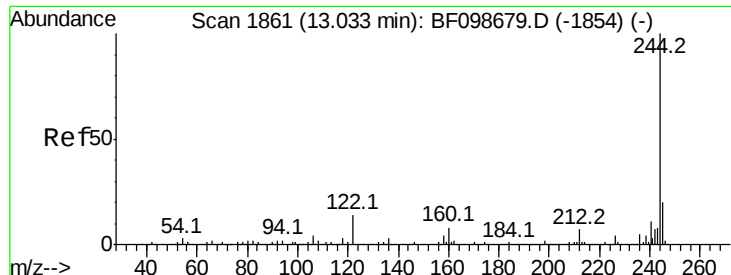
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098843.D
Acq: 26 Sep 2017 20:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.7	9.5	14.3#
236	26.2	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: 92.313 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098843.D

Acq: 26 Sep 2017 20:19

Instrument :

BNA_F

ClientSampleId :

092517-TIDO-F-D-M

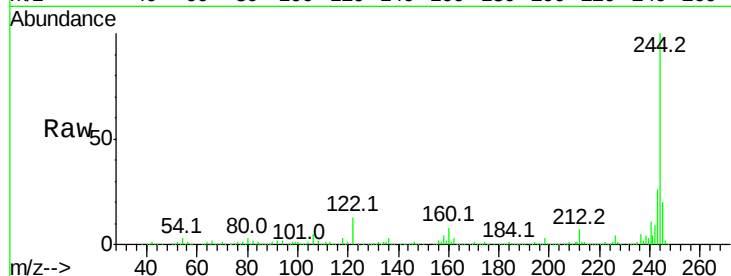
Tot Ion:244 Resp: 1259282

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

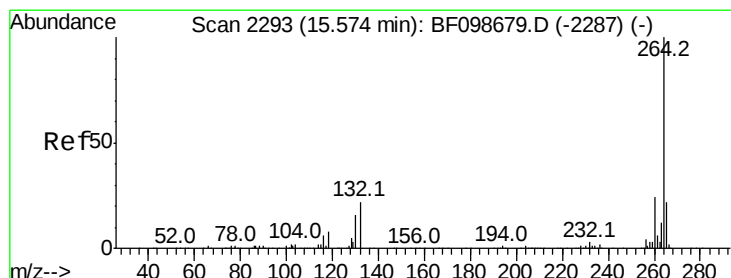
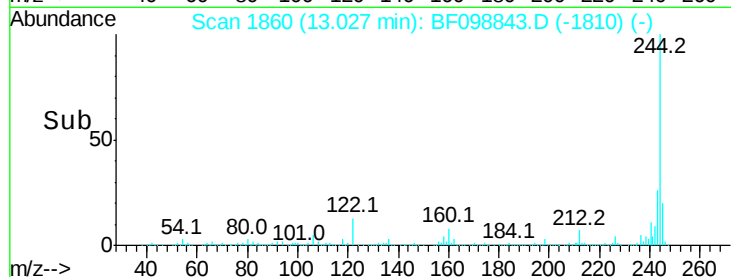
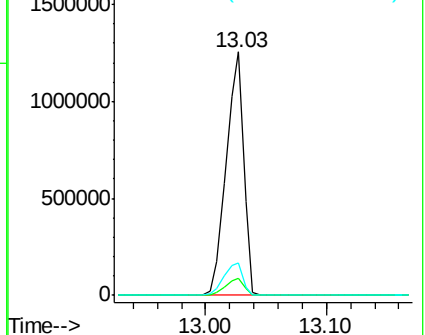
122 13.3 11.0 16.4



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: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098843.D

Acq: 26 Sep 2017 20:19

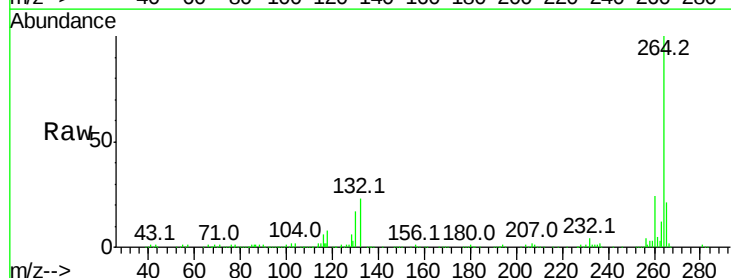
Tgt Ion:264 Resp: 302168

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 20.8 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

