

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
 Data File : BF098341.D
 Acq On : 8 Sep 2017 4:38
 Operator : SJ/JU
 Sample : I5131-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 090517-TIDO-F-U-S

Quant Time: Sep 08 07:06:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	104838	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	399797	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	166999	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	286983	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	237176	20.00	ng	-0.02
86) Perylene-d12	15.25	264	159655	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	295042	42.81	ng	-0.01
7) Phenol-d6	6.33	99	260449	27.81	ng	-0.02
23) Nitrobenzene-d5	7.26	82	704367	95.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	120958	83.48	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1047180	92.13	ng	-0.02
78) Terphenyl-d14	12.80	244	790893	69.54	ng	-0.01

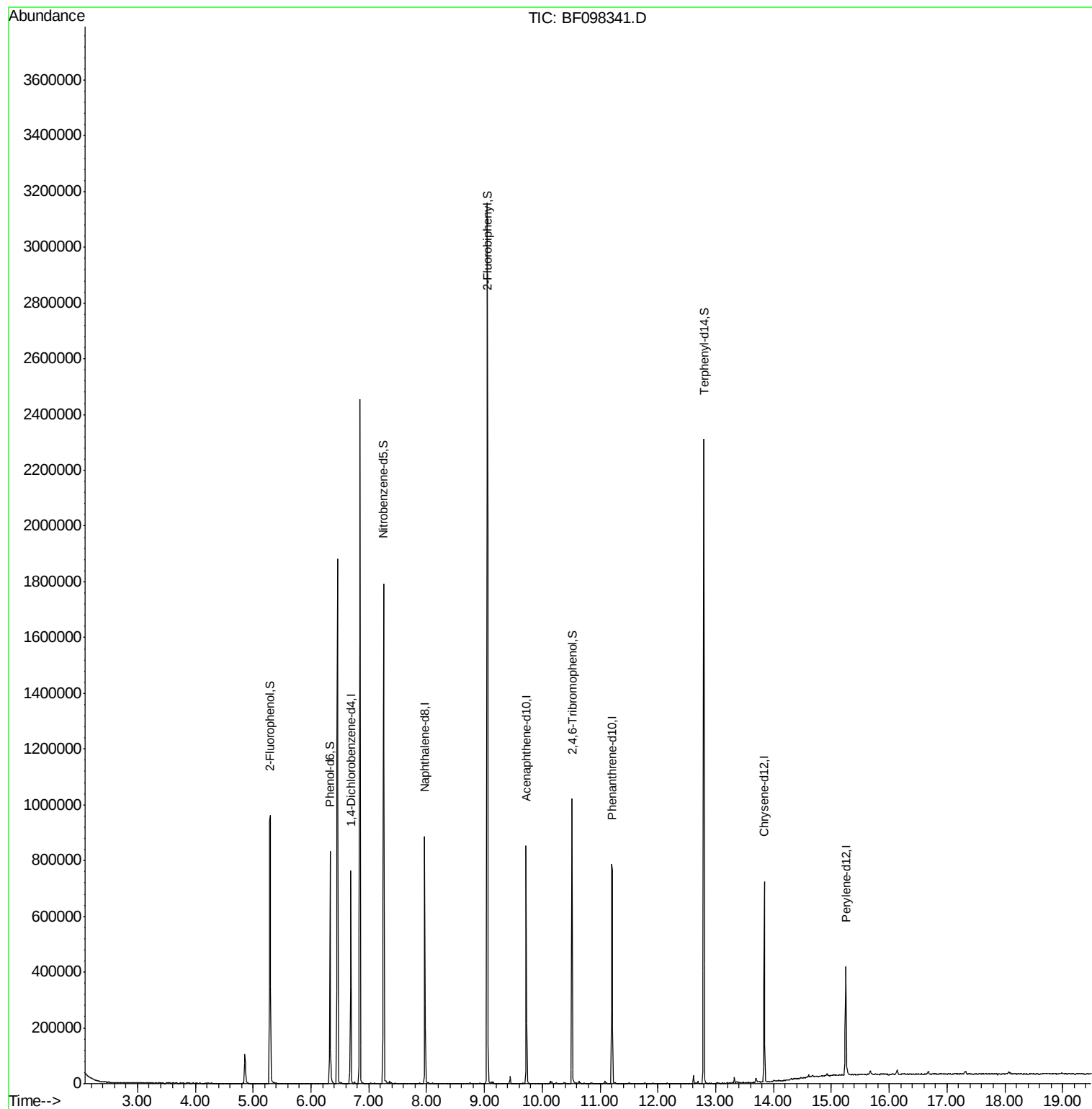
Target Compounds Qvalue

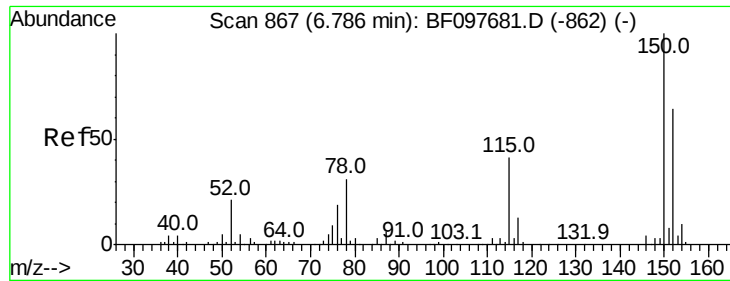
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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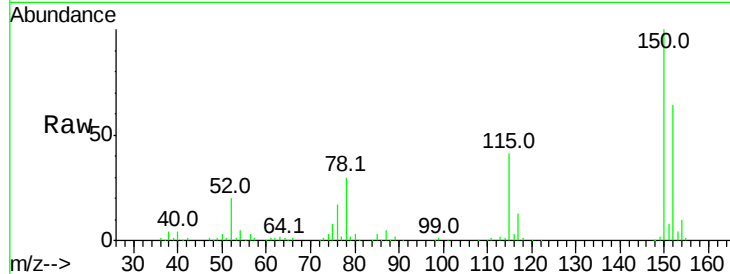


#1

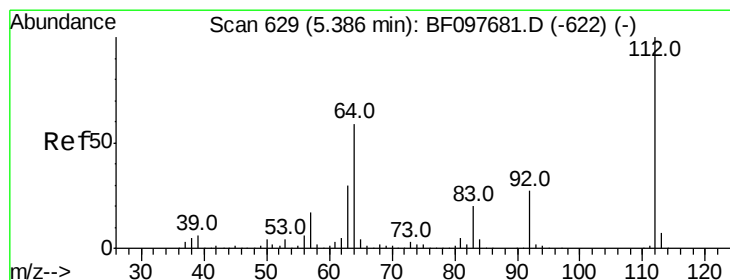
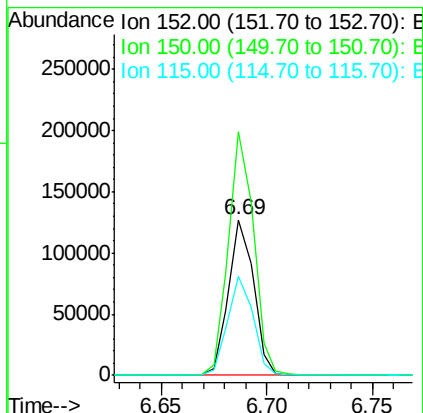
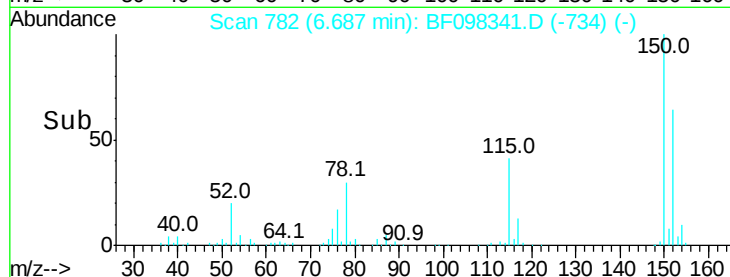
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF098341.D
 Acq: 8 Sep 2017 4:38

Instrument :
 BNA_F
 ClientSampleId :
 090517-TIDO-F-U-S

Tot Ion:152 Resp: 104838
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.2 189.2
 115 63.5 52.2 78.2



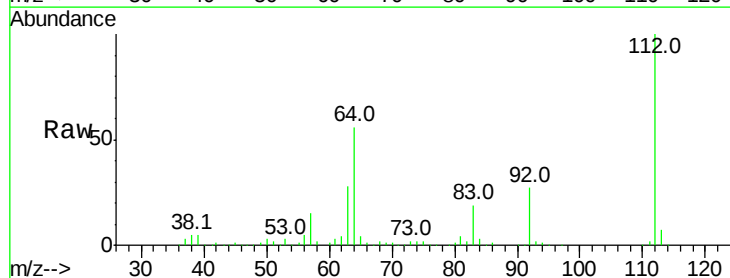
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



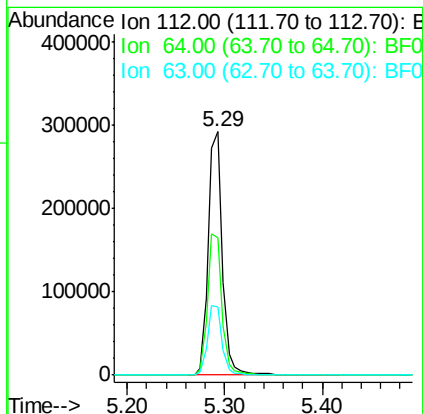
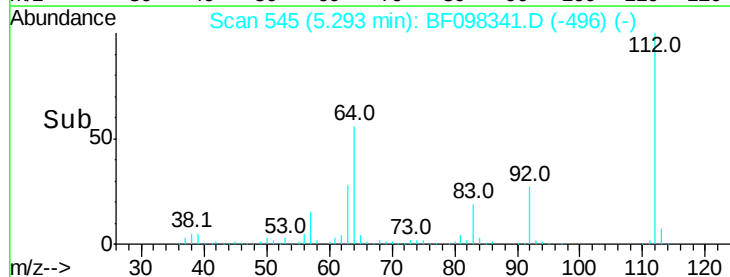
#5

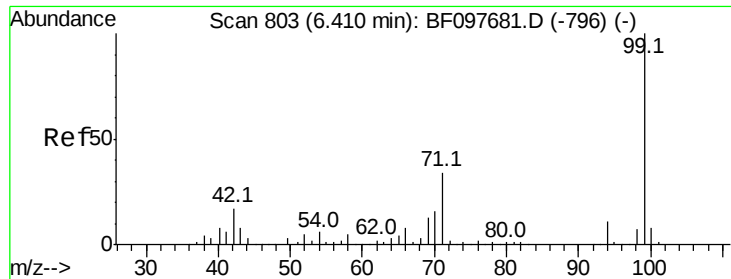
2-Fluorophenol
 Concen: 42.807 ng
 RT: 5.29 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF098341.D
 Acq: 8 Sep 2017 4:38

Tgt Ion:112 Resp: 295042
 Ion Ratio Lower Upper
 112 100
 64 56.2 46.0 69.0
 63 27.9 23.4 35.0



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: 27.812 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098341.D

Acq: 8 Sep 2017 4:38

Instrument :

BNA_F

ClientSampleId :

090517-TIDO-F-U-S

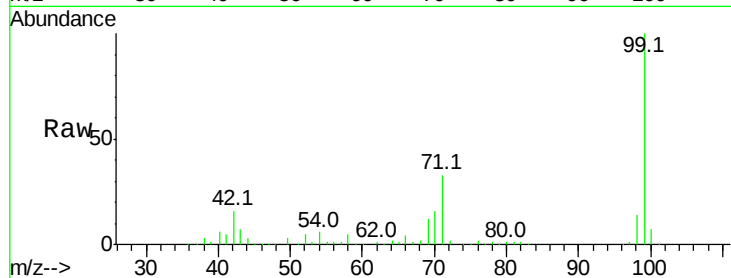
Tot Ion: 99 Resp: 260449

Ion Ratio Lower Upper

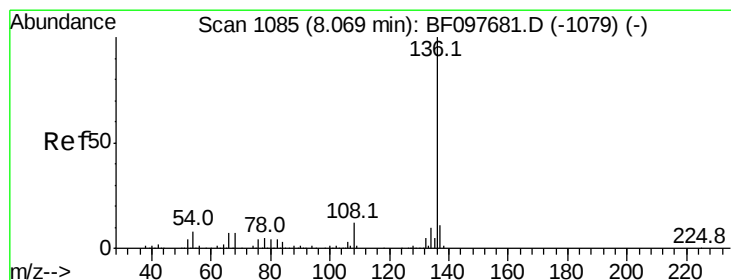
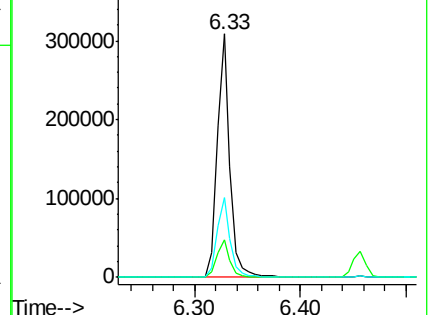
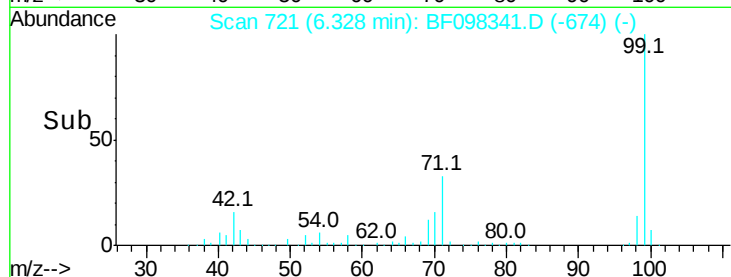
99 100

42 15.7 13.5 20.3

71 32.9 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF098341.D

Acq: 8 Sep 2017 4:38

Tgt Ion: 136 Resp: 399797

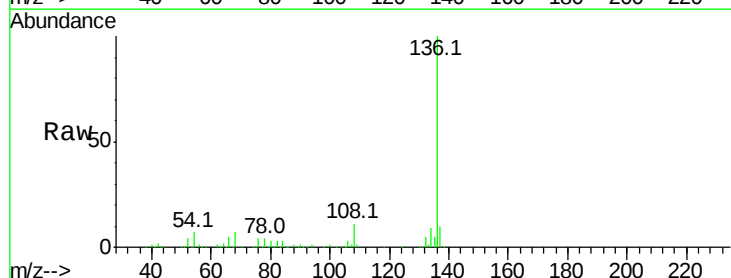
Ion Ratio Lower Upper

136 100

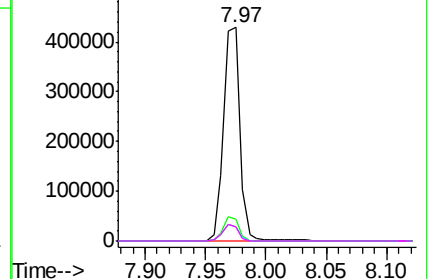
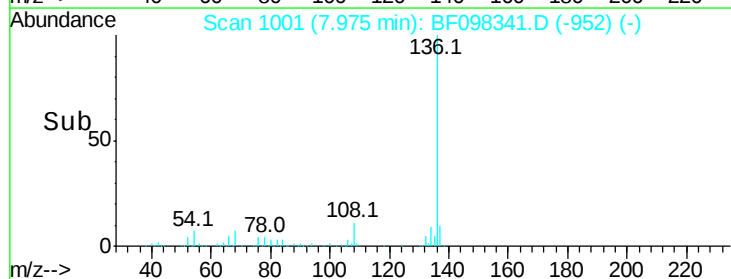
137 10.4 8.5 12.7

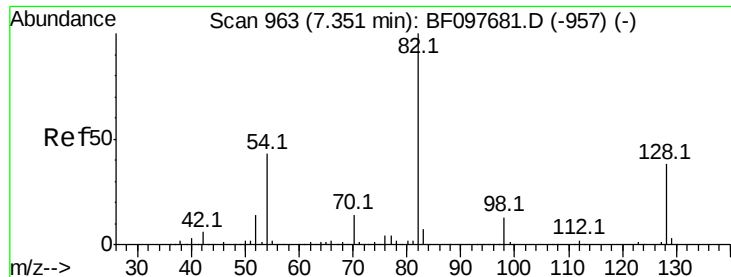
54 6.9 4.9 7.3

68 6.9 4.1 6.1#



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): BF0
Ion 68.00 (67.70 to 68.70): BF0

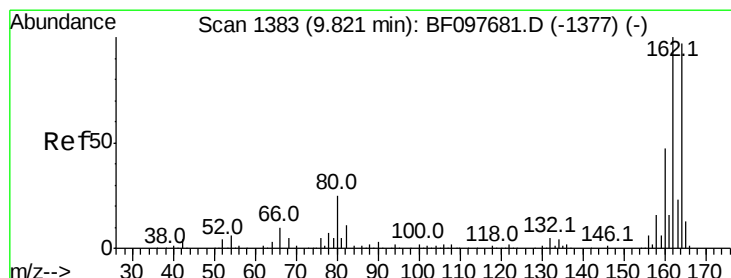
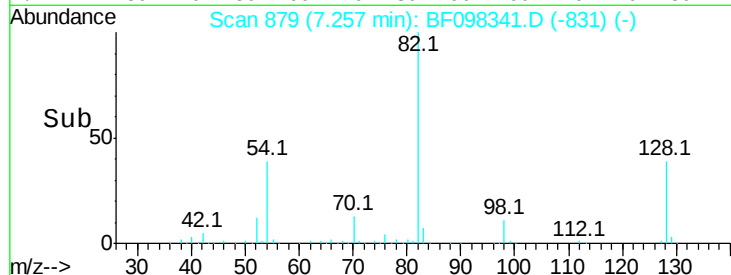
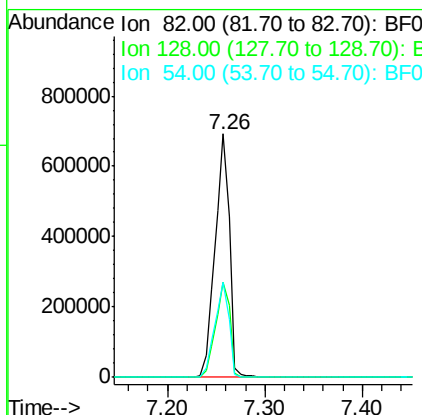
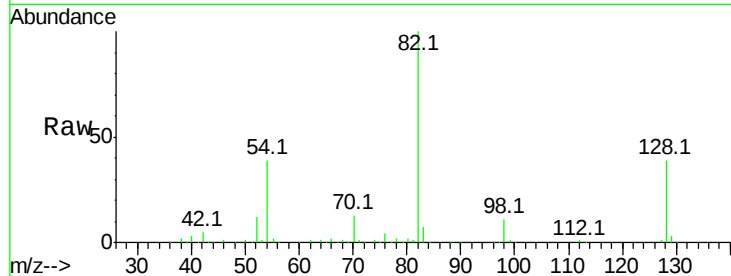




#23
 Nitrobenzene-d5
 Concen: 95.710 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF098341.D
 Acq: 8 Sep 2017 4:38

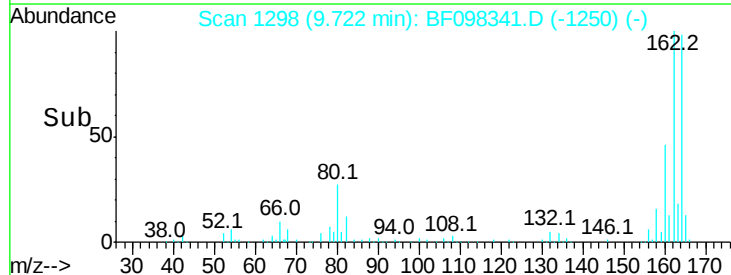
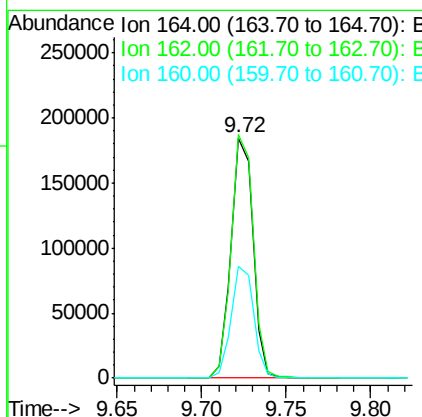
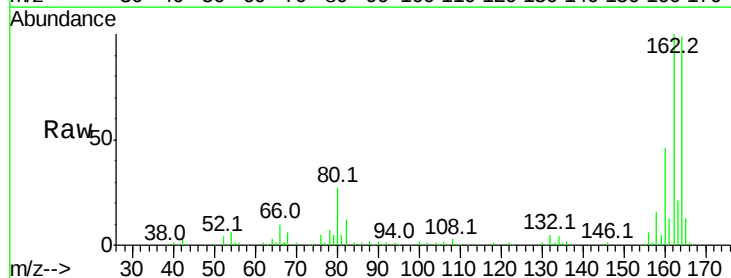
Instrument :
 BNA_F
 ClientSampleId :
 090517-TIDO-F-U-S

Tot Ion: 82 Resp: 704367
 Ion Ratio Lower Upper
 82 100
 128 39.0 34.0 51.0
 54 39.0 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF098341.D
 Acq: 8 Sep 2017 4:38

Tgt Ion:164 Resp: 166999
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.6 123.8
 160 46.5 36.2 54.2

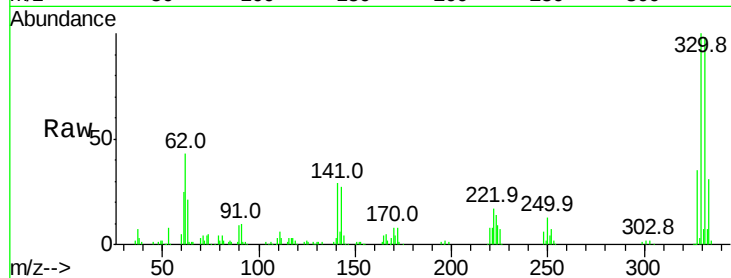




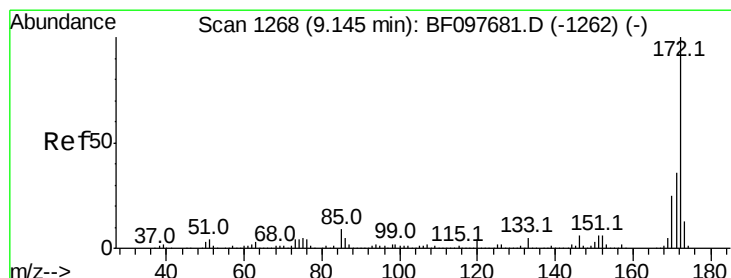
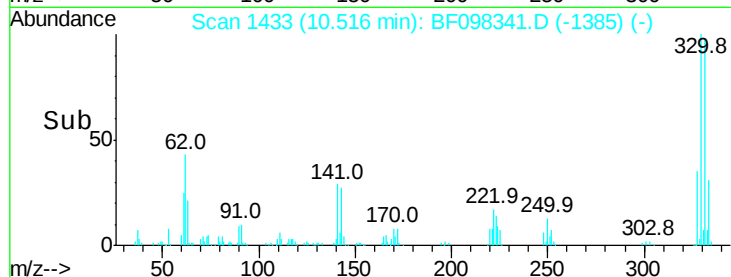
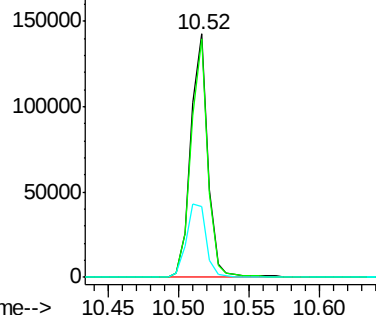
#41
 2,4,6-Tribromophenol
 Concen: 83.478 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF098341.D
 Acq: 8 Sep 2017 4:38

Instrument :
 BNA_F
 ClientSampleId :
 090517-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	34.8	31.4	47.2

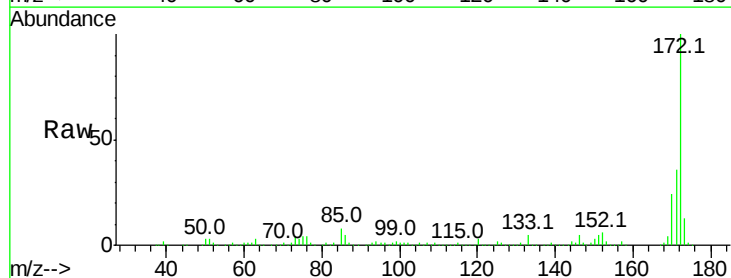


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

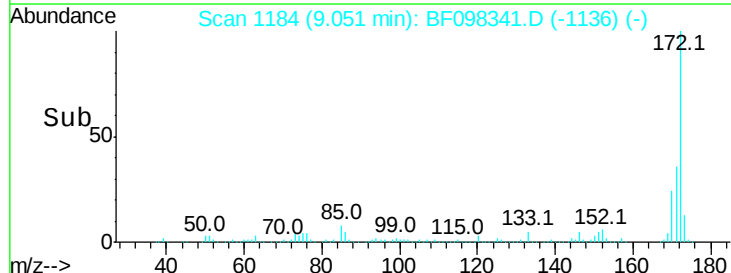
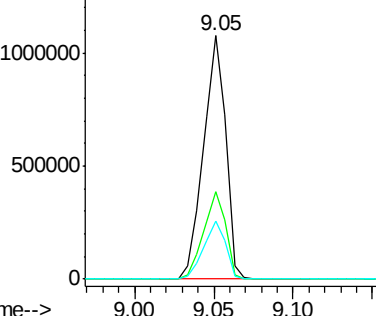


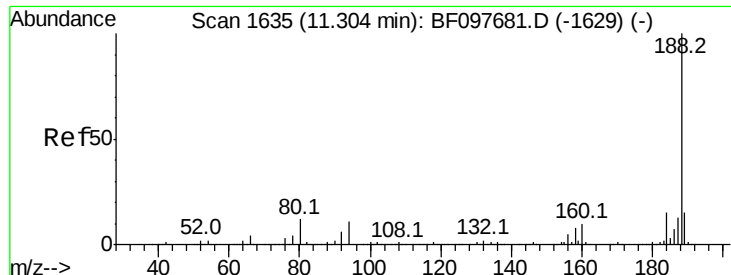
#44
 2-Fluorobiphenyl
 Concen: 92.128 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF098341.D
 Acq: 8 Sep 2017 4:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.9	19.8	29.8



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: 11.20 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BF098341.D

Acq: 8 Sep 2017 4:38

Instrument :

BNA_F

ClientSampleId :

090517-TIDO-F-U-S

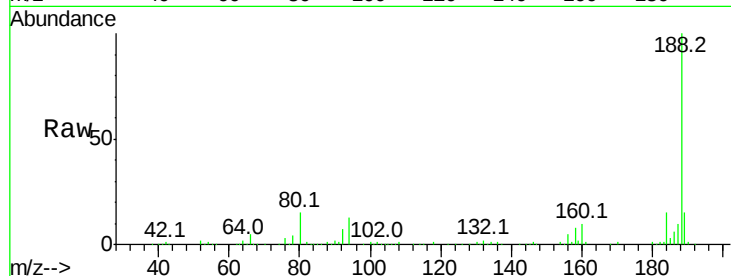
Tot Ion:188 Resp: 286983

Ion Ratio Lower Upper

188 100

94 13.0 9.4 14.2

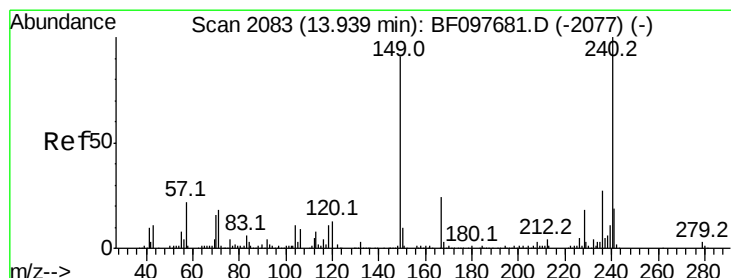
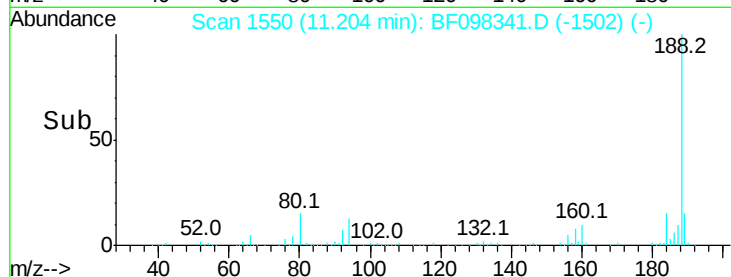
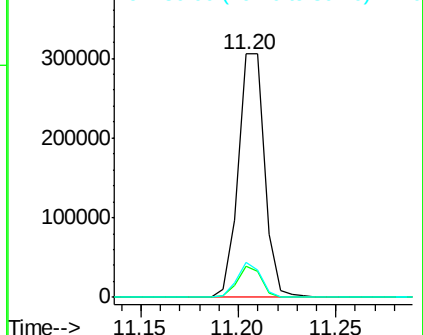
80 14.6 10.2 15.2



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: 13.84 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF098341.D

Acq: 8 Sep 2017 4:38

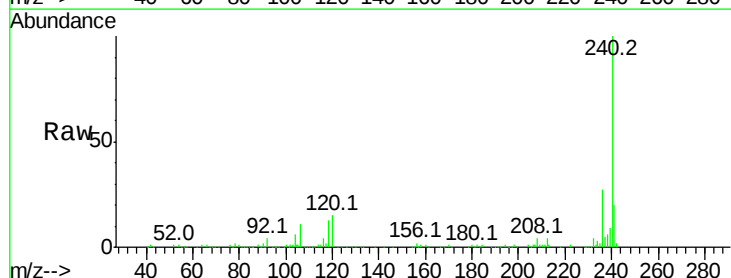
Tgt Ion:240 Resp: 237176

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

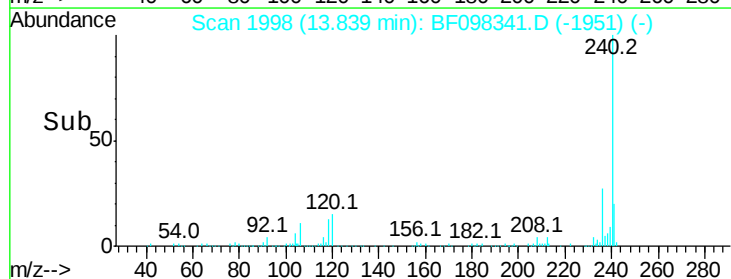
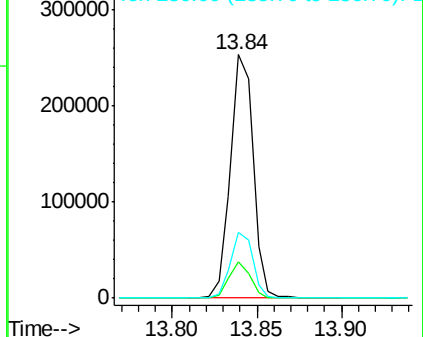
236 27.2 20.5 30.7

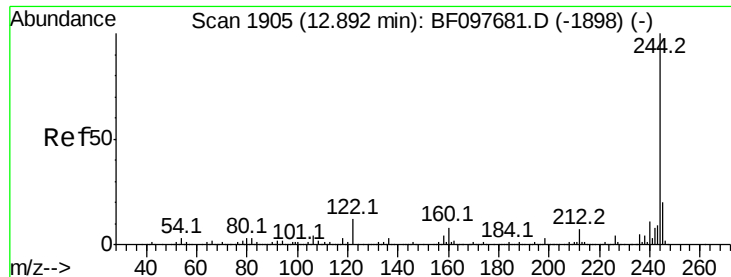


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

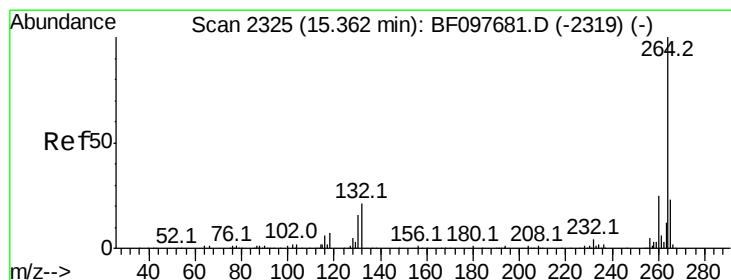
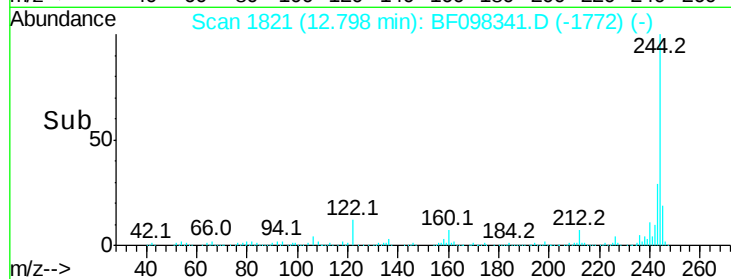
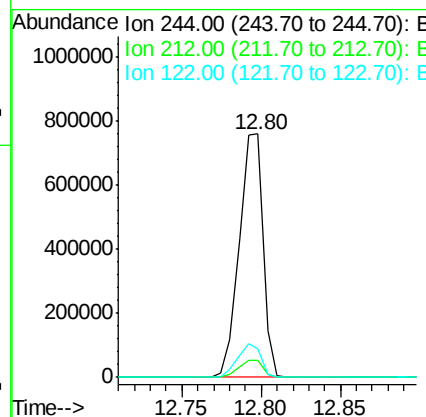
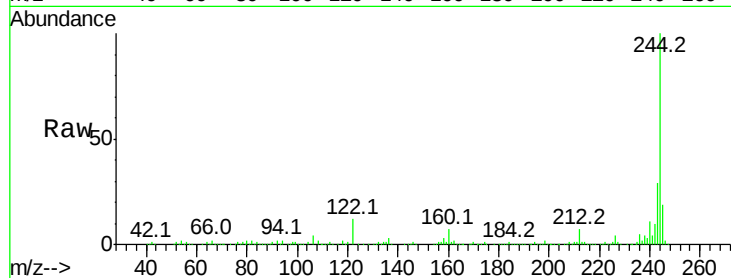




#78
 Terphenyl-d14
 Concen: 69.538 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF098341.D
 Acq: 8 Sep 2017 4:38

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Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	11.7	10.3	15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. -0.01 min
 Lab File: BF098341.D
 Acq: 8 Sep 2017 4:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.5	29.3
265	21.3	17.2	25.8

