

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
 Data File : BF098321.D
 Acq On : 7 Sep 2017 18:45
 Operator : SJ/JU
 Sample : I5052-06 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G30A-0-3-COMP

Quant Time: Sep 08 02:16:51 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	116099	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	449150	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	188775	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	320336	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	269356	20.00	ng	-0.02
86) Perylene-d12	15.25	264	199570	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	65946	8.64	ng	-0.02
7) Phenol-d6	6.33	99	90308	8.71	ng	-0.02
23) Nitrobenzene-d5	7.25	82	50337	6.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	12344	7.54	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	87433	6.80	ng	-0.02
78) Terphenyl-d14	12.79	244	58702	4.54	ng	-0.02

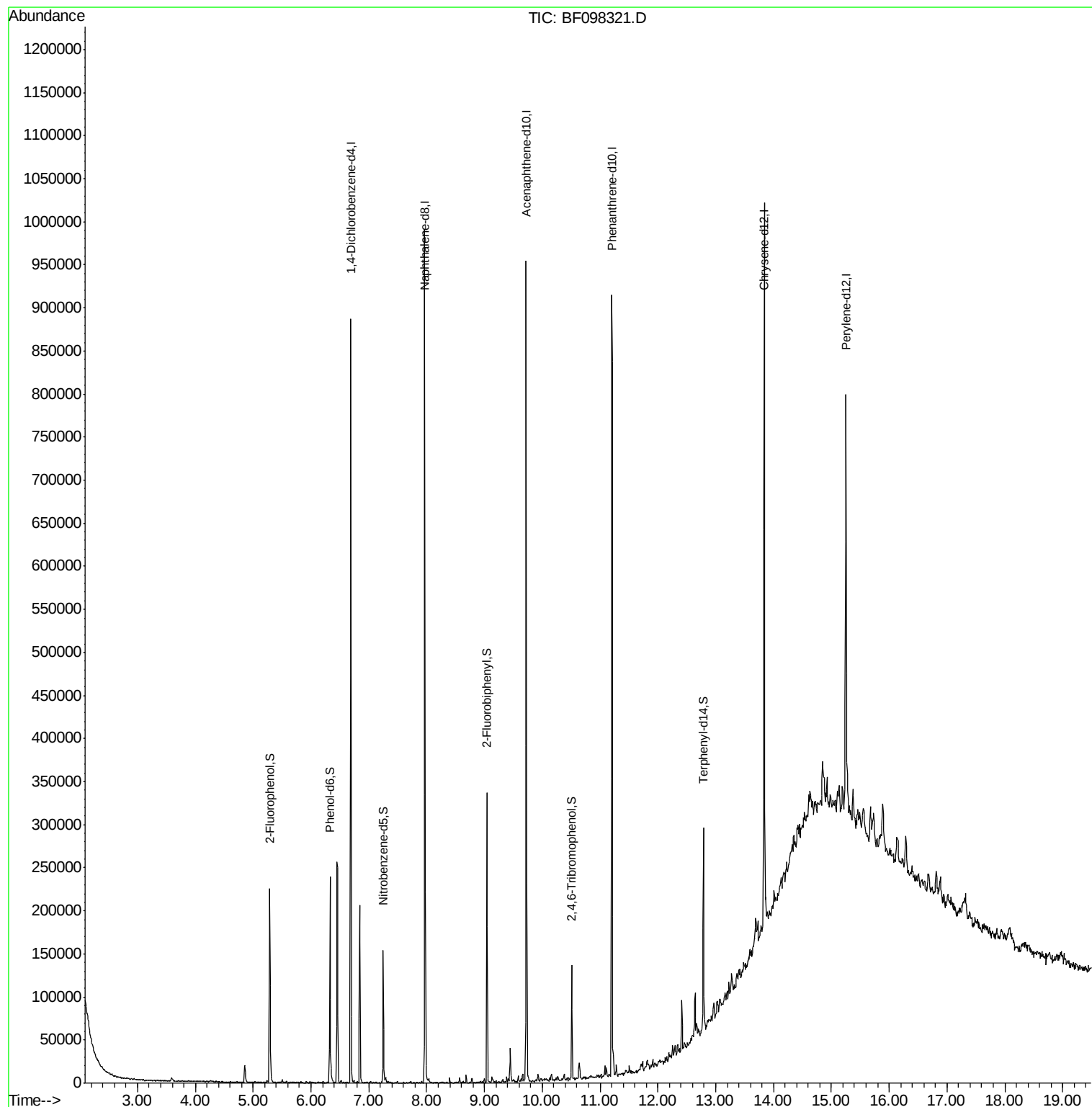
Target Compounds Qvalue

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

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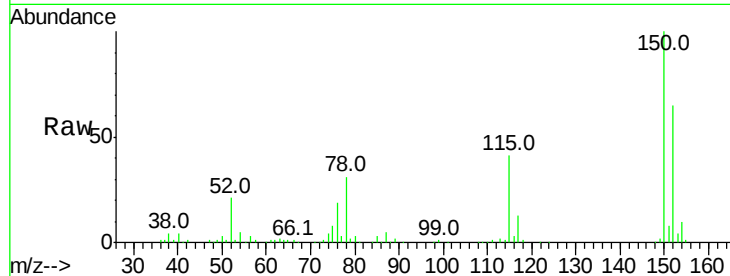


#1

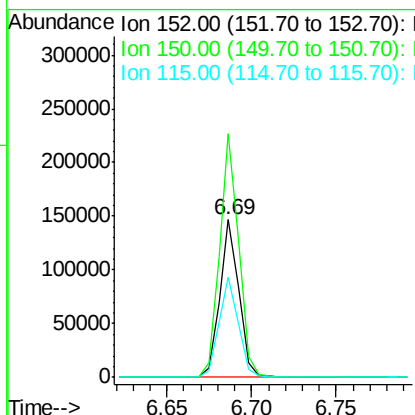
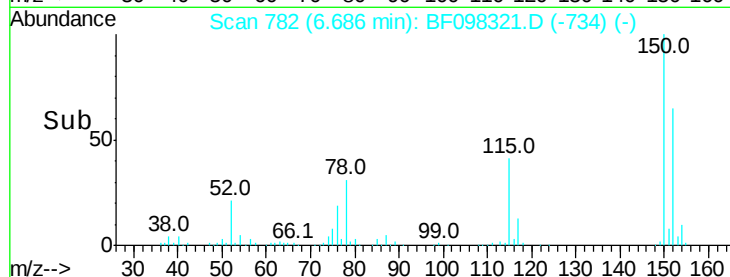
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF098321.D
 Acq: 7 Sep 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :
 G30A-0-3-COMP

Tot Ion:152 Resp: 116099
 Ion Ratio Lower Upper
 152 100
 150 154.6 126.2 189.2
 115 64.0 52.2 78.2



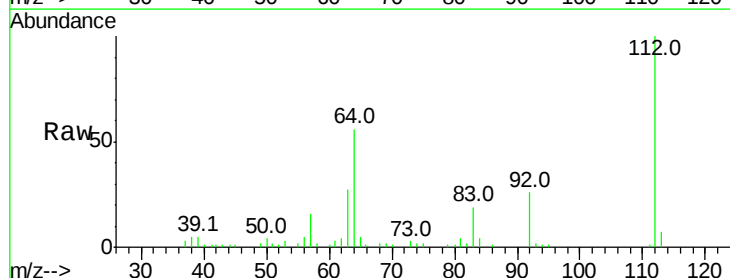
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



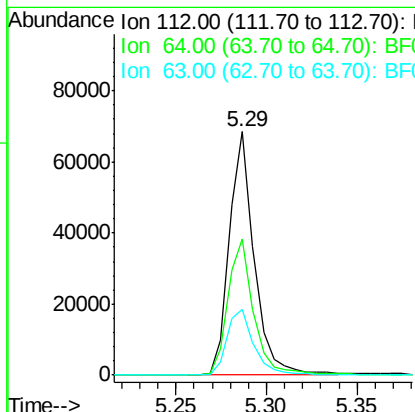
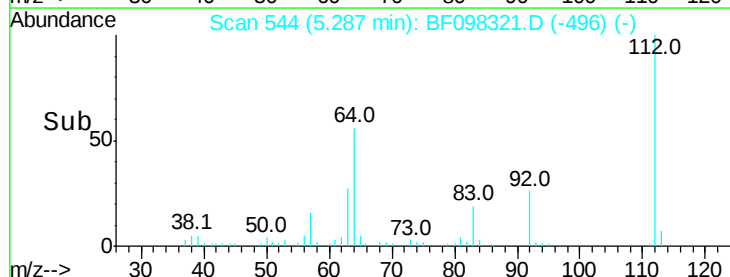
#5

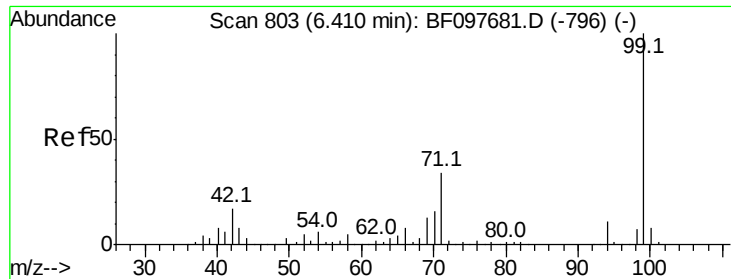
2-Fluorophenol
 Concen: 8.640 ng
 RT: 5.29 min Scan# 544
 Delta R.T. -0.02 min
 Lab File: BF098321.D
 Acq: 7 Sep 2017 18:45

Tgt Ion:112 Resp: 65946
 Ion Ratio Lower Upper
 112 100
 64 55.7 46.0 69.0
 63 26.8 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: 8.708 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098321.D

Acq: 7 Sep 2017 18:45

Instrument :

BNA_F

ClientSampleId :

G30A-0-3-COMP

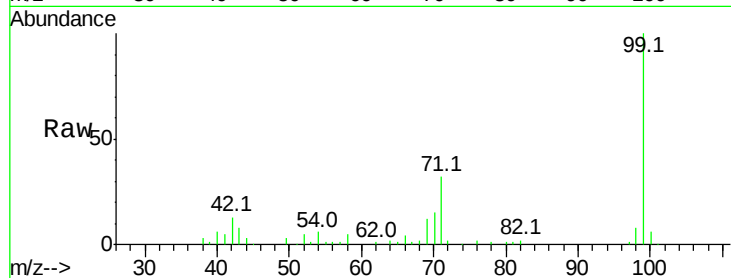
Tot Ion: 99 Resp: 90308

Ion Ratio Lower Upper

99 100

42 13.5 13.5 20.3#

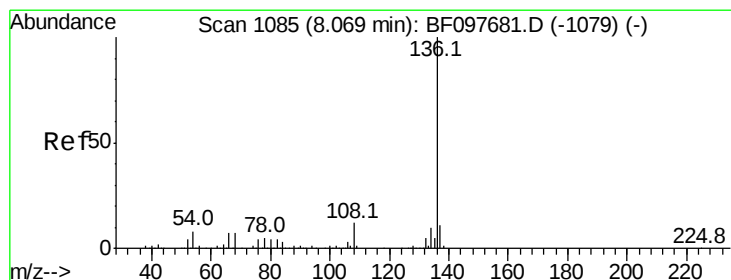
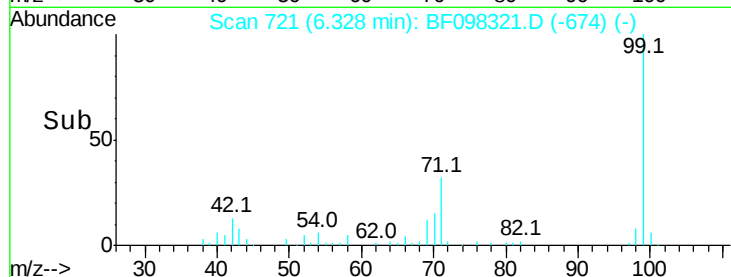
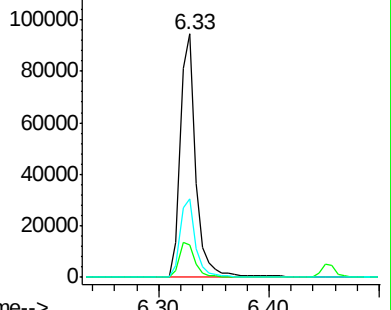
71 32.3 24.5 36.7



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: BF098321.D

Acq: 7 Sep 2017 18:45

Tgt Ion: 136 Resp: 449150

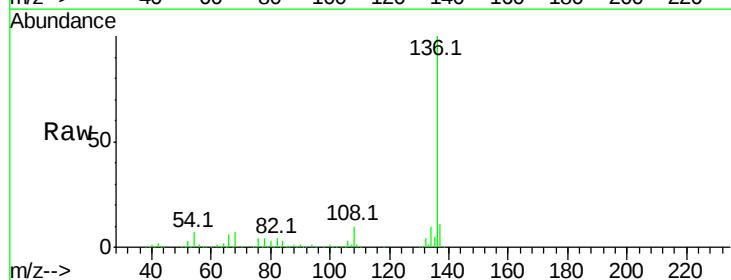
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.9 4.9 7.3

68 6.7 4.1 6.1#

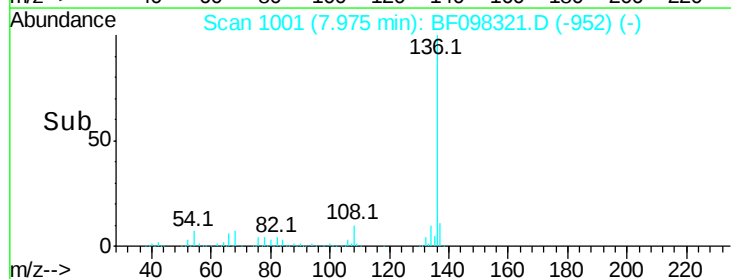
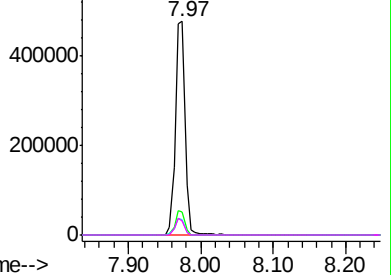


Abundance Ion 136.00 (135.70 to 136.70): E

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

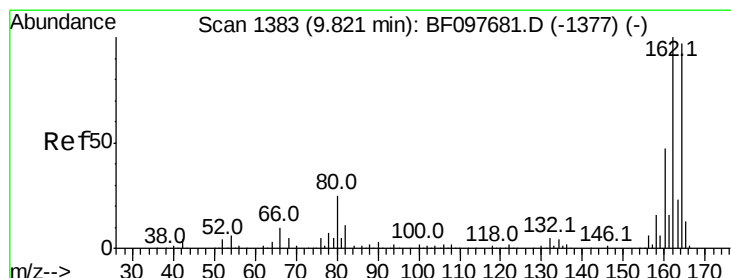
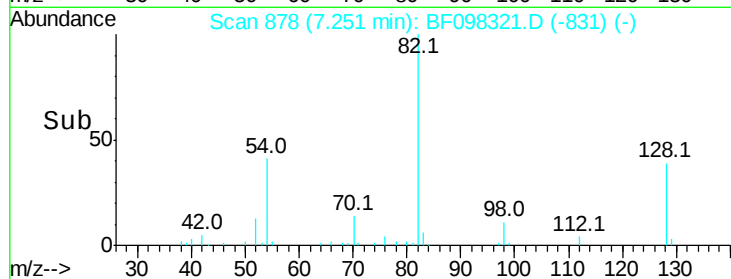
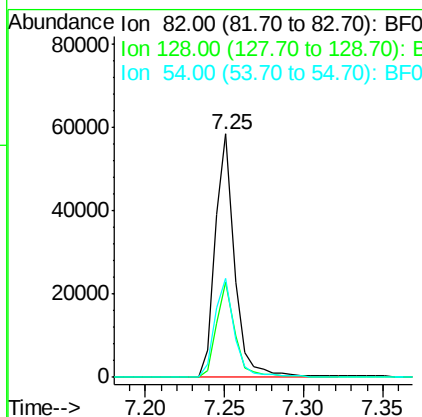
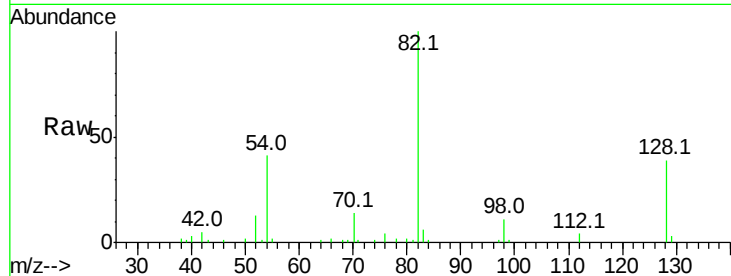




#23
 Nitrobenzene-d5
 Concen: 6.088 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF098321.D
 Acq: 7 Sep 2017 18:45

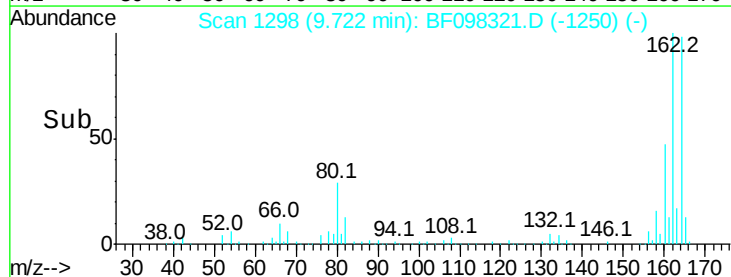
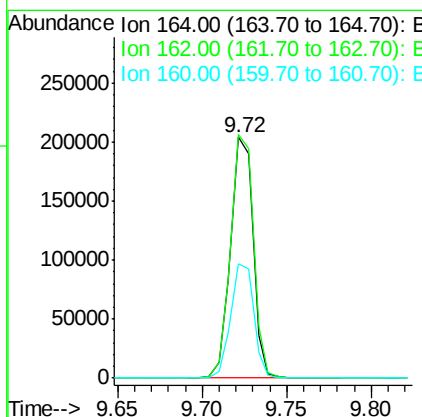
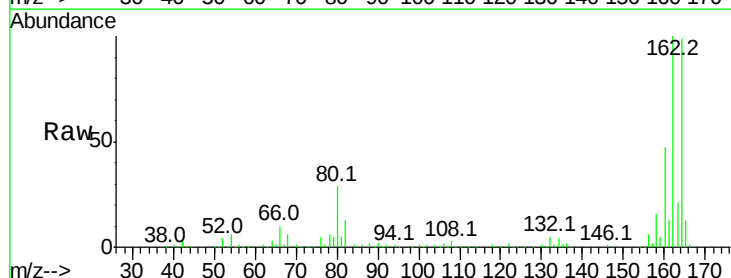
Instrument :
 BNA_F
 ClientSampleId :
 G30A-0-3-COMP

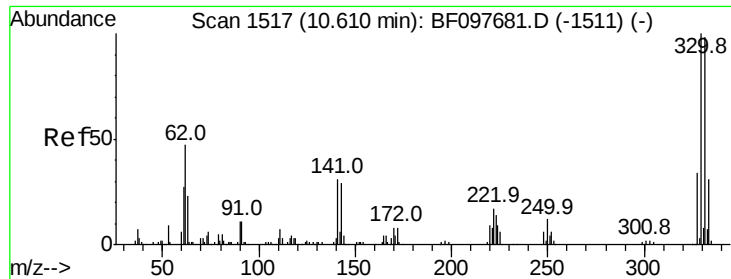
Tot Ion	82	Resp	50337
Ion Ratio	Lower	Upper	
82	100		
128	39.3	34.0	51.0
54	40.7	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF098321.D
 Acq: 7 Sep 2017 18:45

Tgt Ion	164	Resp	188775
Ion Ratio	Lower	Upper	
164	100		
162	101.0	82.6	123.8
160	47.4	36.2	54.2

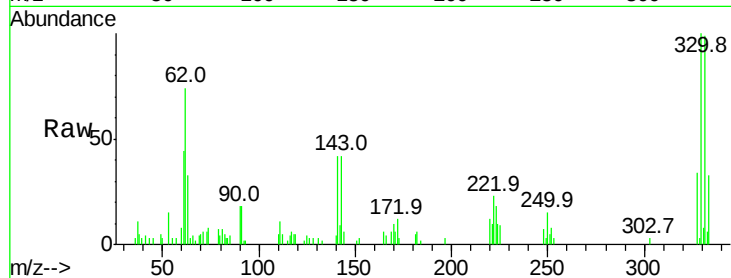




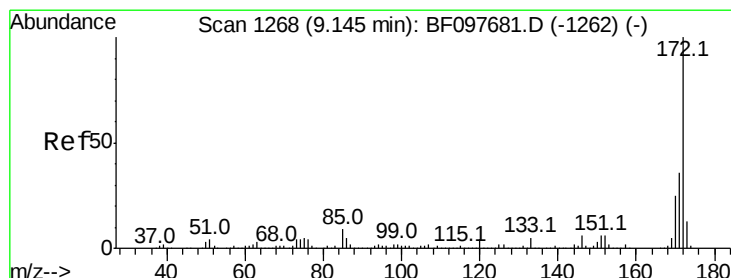
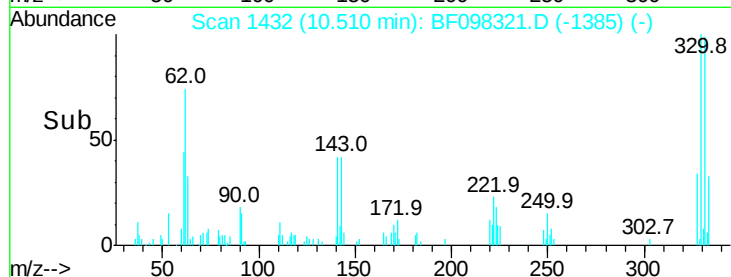
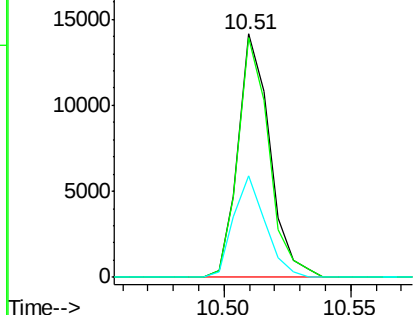
#41
 2,4,6-Tribromophenol
 Concen: 7.536 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF098321.D
 Acq: 7 Sep 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :
 G30A-0-3-COMP

Tot Ion:330 Resp: 12344
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 41.6 31.4 47.2

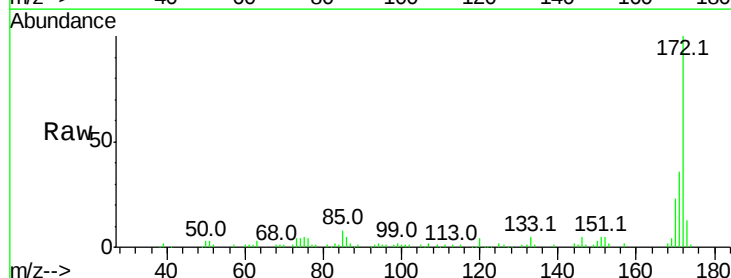


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

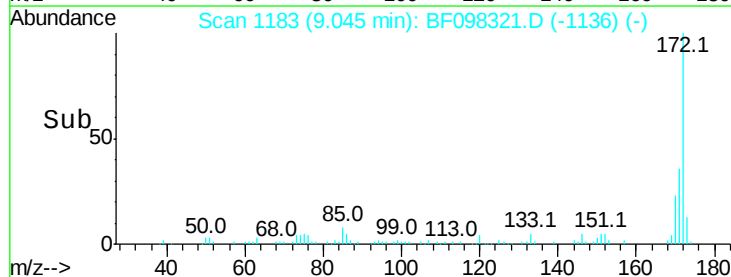
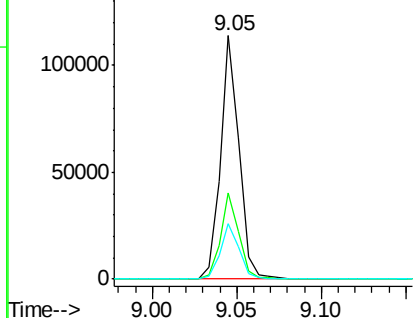


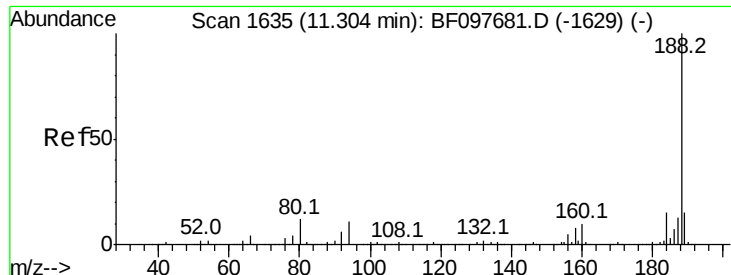
#44
 2-Fluorobiphenyl
 Concen: 6.805 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF098321.D
 Acq: 7 Sep 2017 18:45

Tgt Ion:172 Resp: 87433
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 22.6 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: BF098321.D

Acq: 7 Sep 2017 18:45

Instrument :

BNA_F

ClientSampleId :

G30A-0-3-COMP

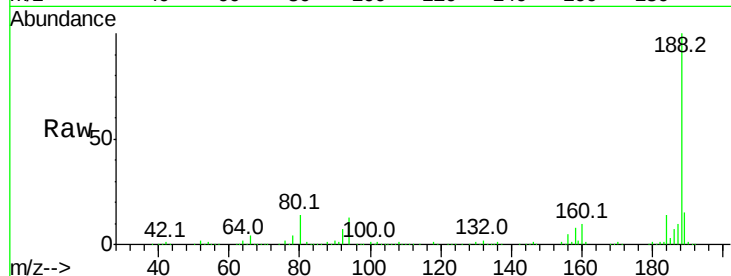
Tot Ion:188 Resp: 320336

Ion Ratio Lower Upper

188 100

94 12.7 9.4 14.2

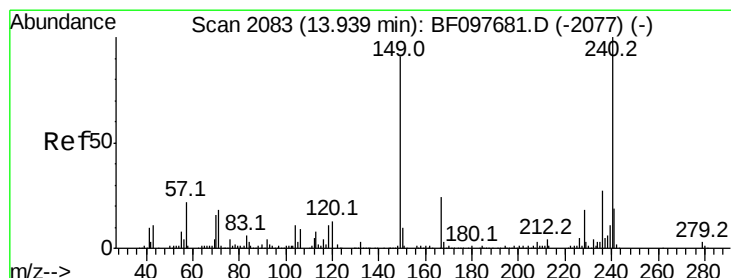
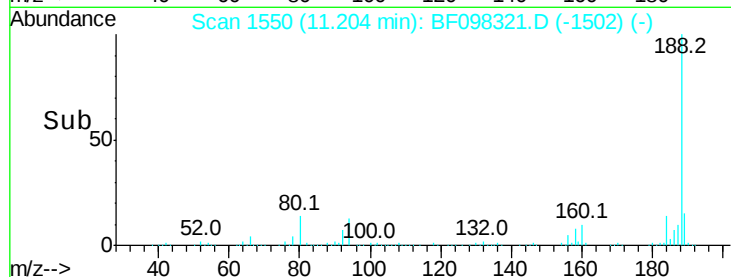
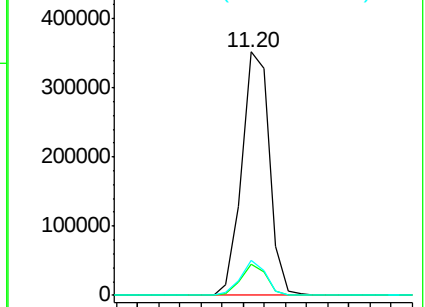
80 14.3 10.2 15.2



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: BF098321.D

Acq: 7 Sep 2017 18:45

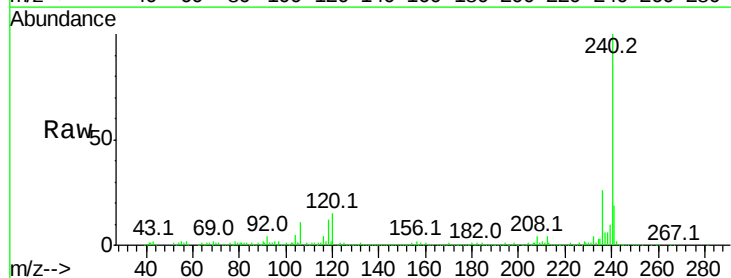
Tgt Ion:240 Resp: 269356

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

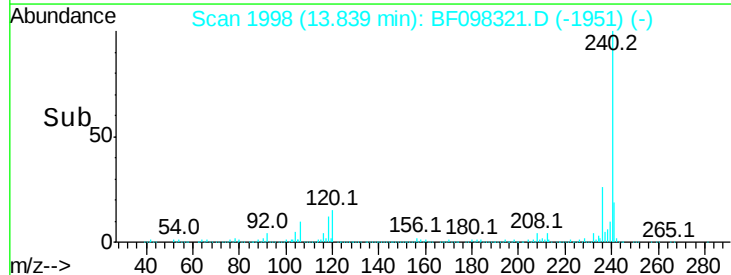
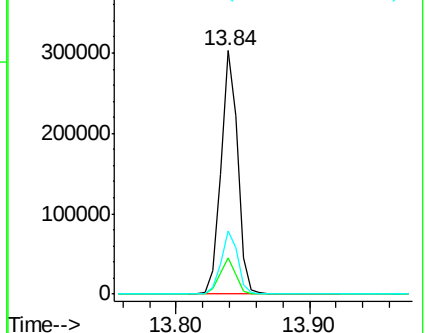
236 26.0 20.5 30.7

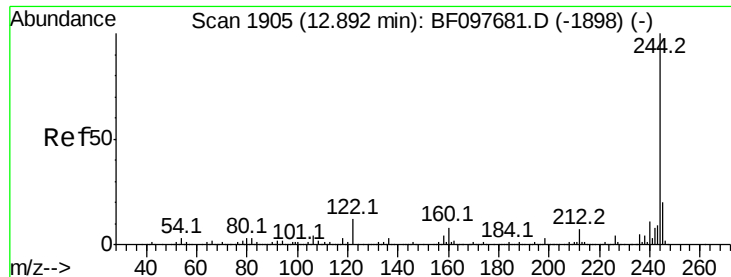


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 4.545 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF098321.D

Acq: 7 Sep 2017 18:45

Instrument :

BNA_F

ClientSampleId :

G30A-0-3-COMP

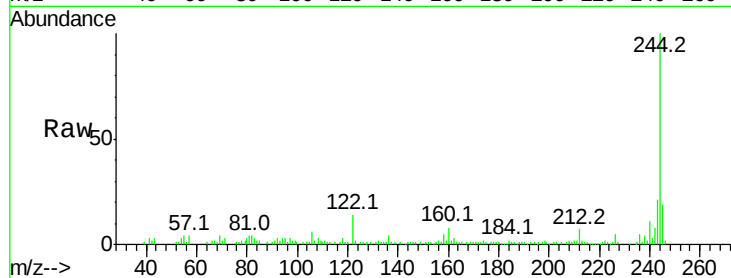
Tot Ion:244 Resp: 58702

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

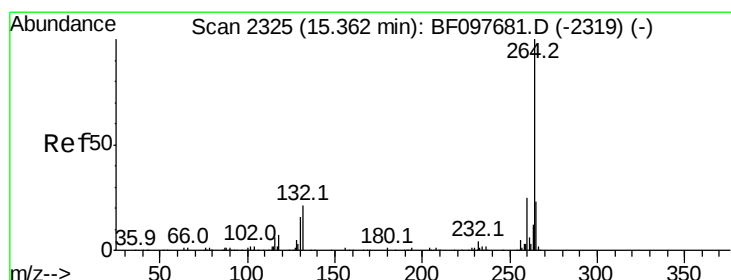
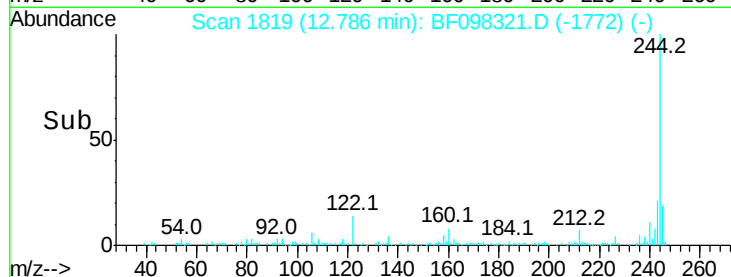
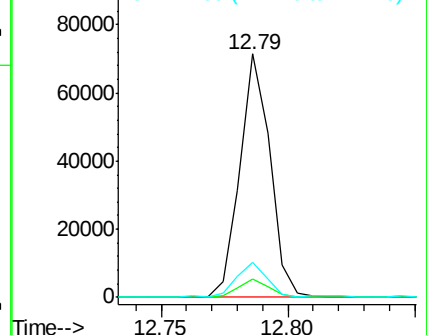
122 14.3 10.3 15.5



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: 15.25 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF098321.D

Acq: 7 Sep 2017 18:45

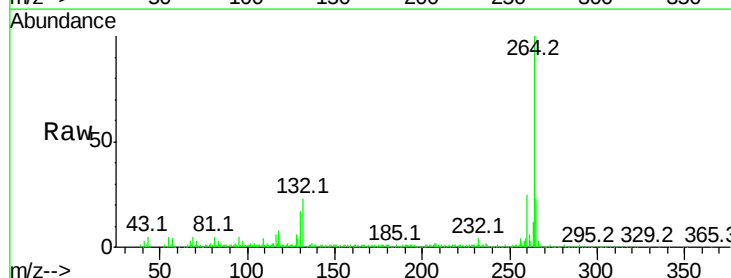
Tgt Ion:264 Resp: 199570

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 22.7 17.2 25.8



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

