

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF098189.D
 Acq On : 31 Aug 2017 7:59
 Operator : SJ/JU
 Sample : I4987-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Quant Time: Aug 31 09:06:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

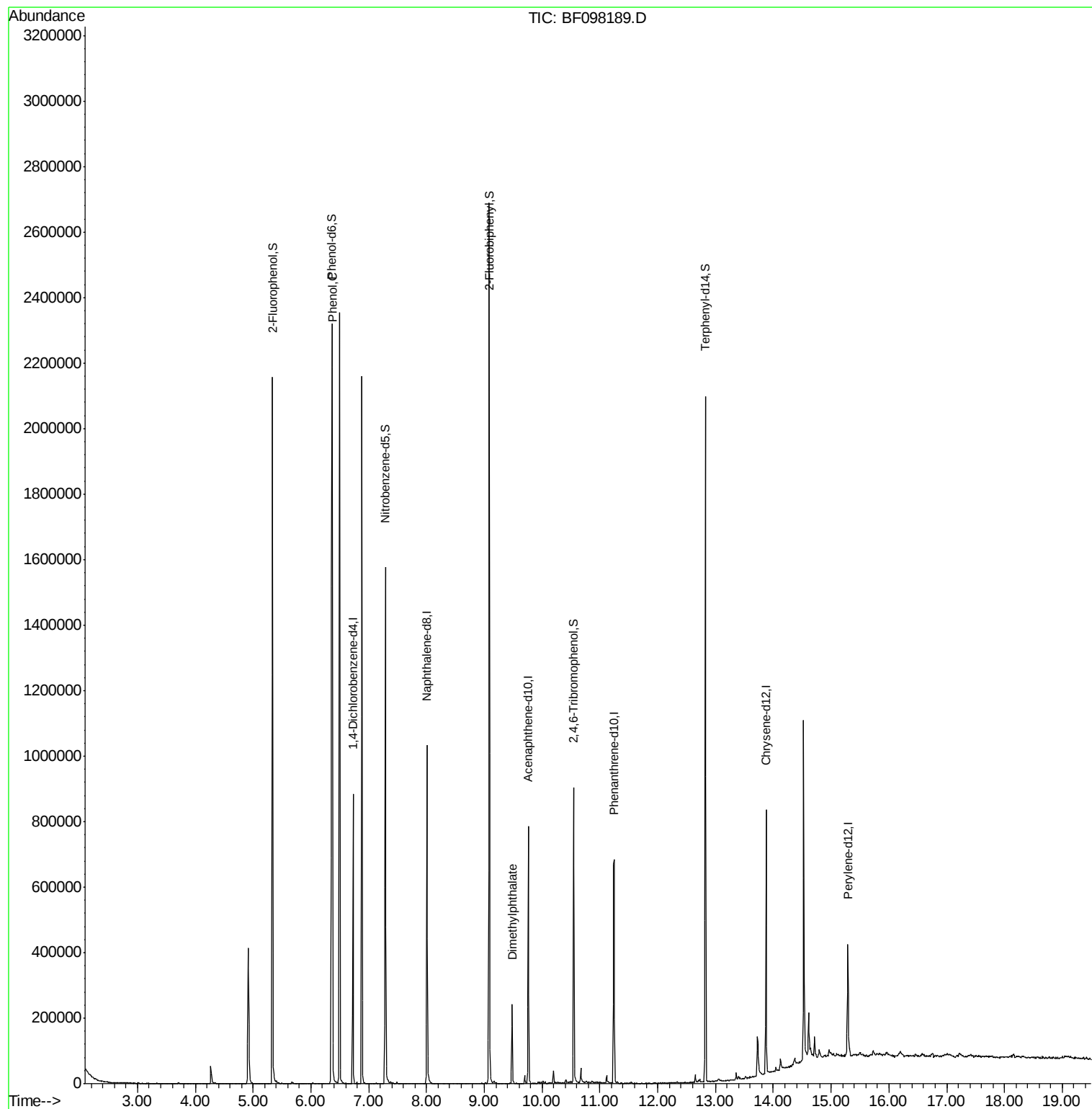
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	123361	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	444710	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	159039	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	260739	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	227565	20.00	ng	-0.02
86) Perylene-d12	15.29	264	149001	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	674157	83.13	ng	-0.01
7) Phenol-d6	6.36	99	960365	87.15	ng	-0.02
23) Nitrobenzene-d5	7.29	82	565347	69.06	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	94888	68.76	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	788816	72.87	ng	-0.02
78) Terphenyl-d14	12.83	244	588747	53.95	ng	-0.02
Target Compounds						
10) Phenol	6.37	94	30130	2.338	ng	98
49) Dimethylphthalate	9.48	163	92974	7.998	ng	99

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

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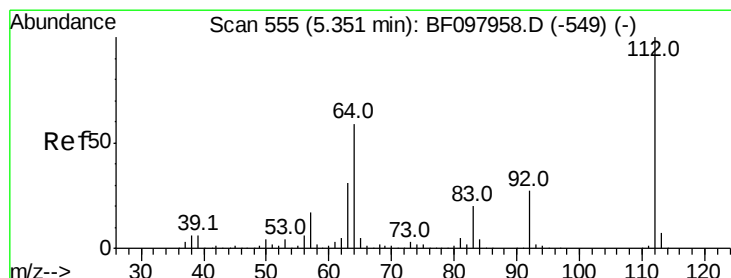
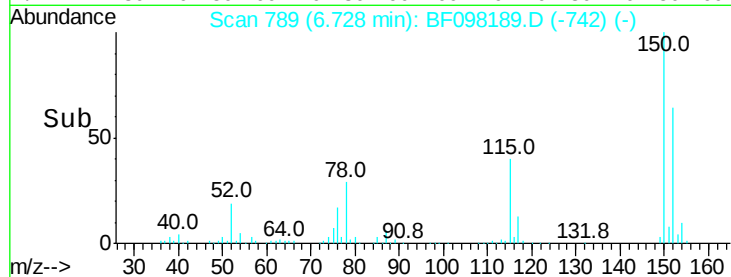
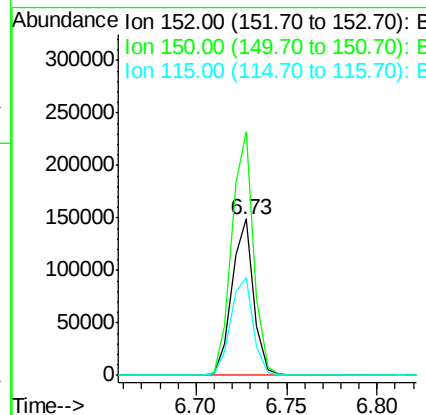
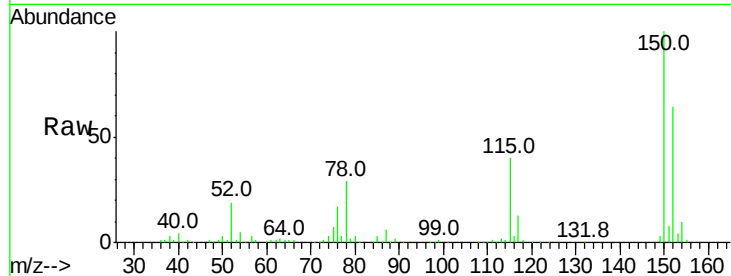


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF098189.D
Acq: 31 Aug 2017 7:59

Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

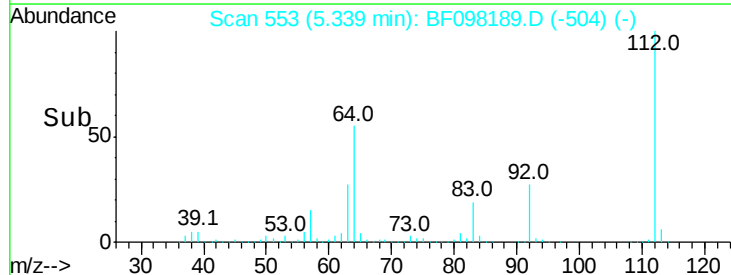
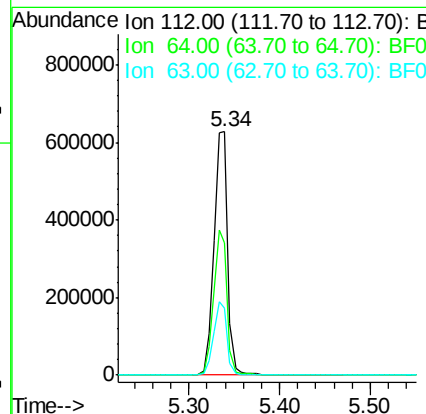
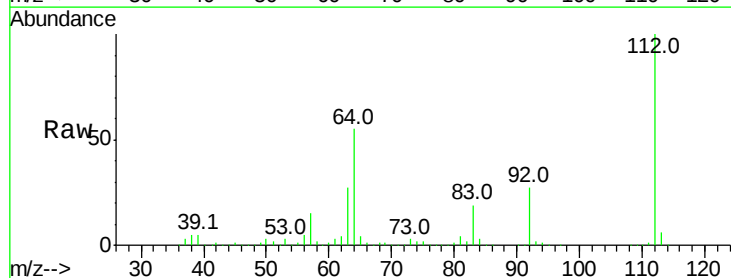
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	62.1	52.2	78.2

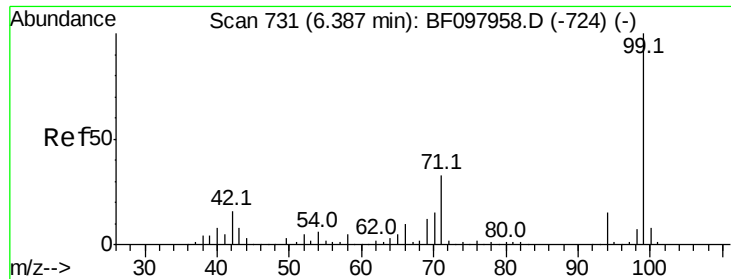


#5

2-Fluorophenol
Concen: 83.125 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF098189.D
Acq: 31 Aug 2017 7:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.0	69.0
63	27.4	23.4	35.0





#7

Phenol-d6

Concen: 87.153 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF098189.D

Acq: 31 Aug 2017 7:59

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

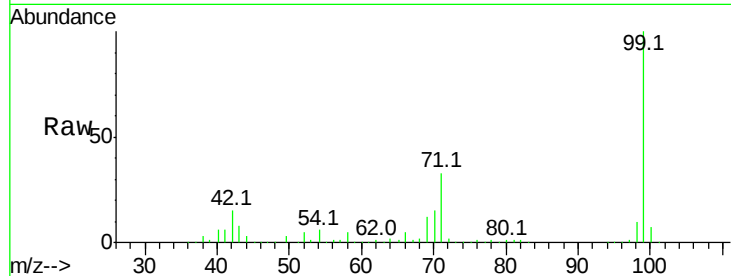
Tot Ion: 99 Resp: 960365

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

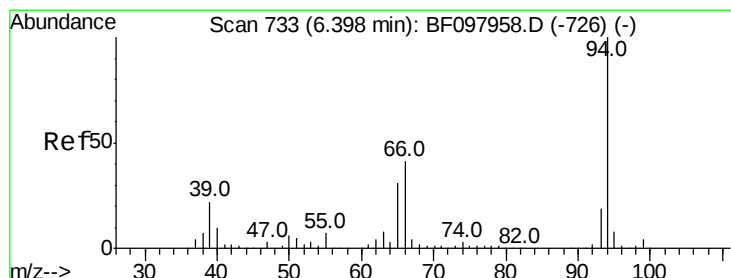
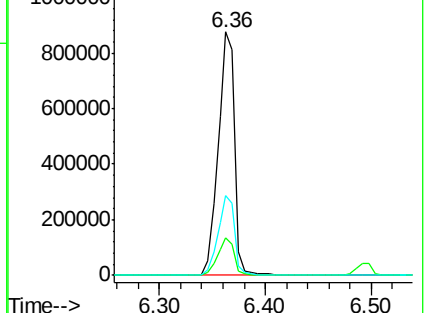
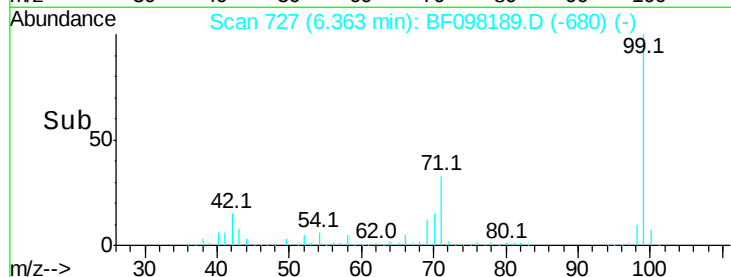
71 32.7 24.5 36.7



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



#10

Phenol

Concen: 2.338 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF098189.D

Acq: 31 Aug 2017 7:59

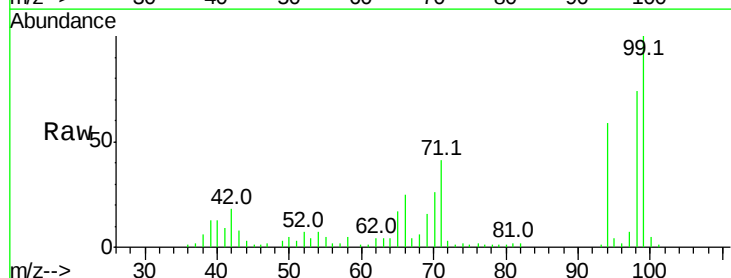
Tgt Ion: 94 Resp: 30130

Ion Ratio Lower Upper

94 100

65 28.4 9.9 49.9

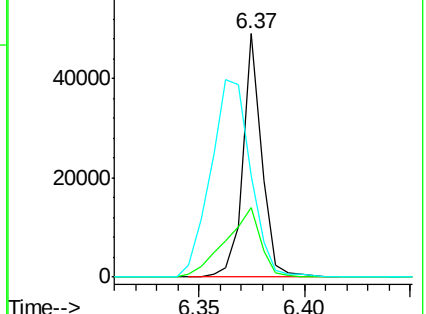
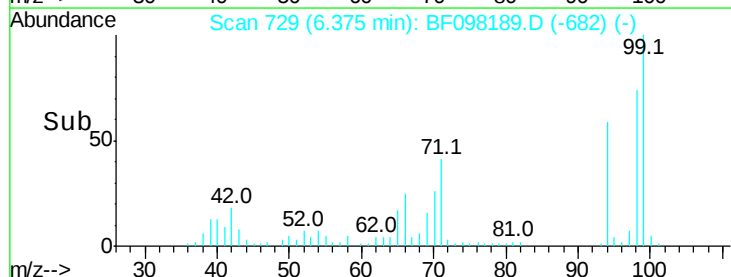
66 41.9 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

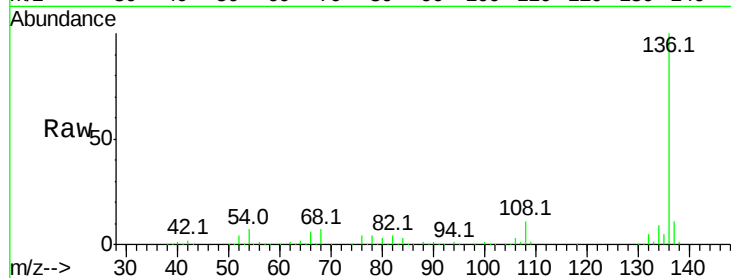




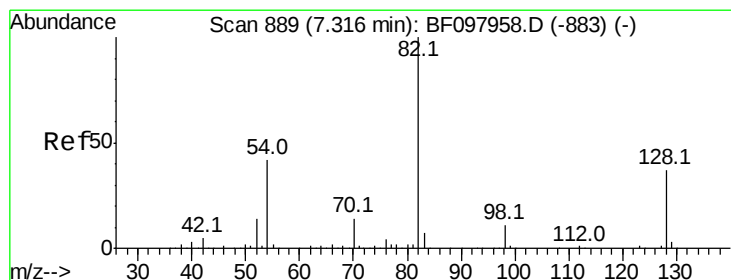
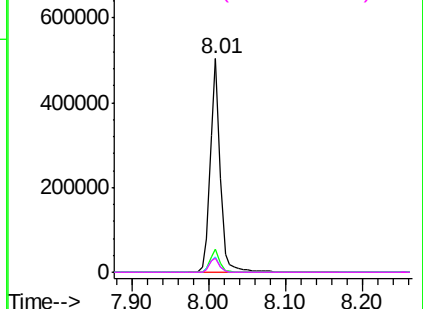
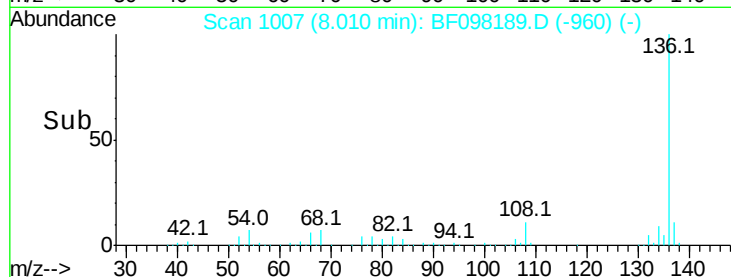
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF098189.D
Acq: 31 Aug 2017 7:59

Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

Tot Ion:	136	Resp:	444710
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.4	4.9	7.3#
68	6.9	4.1	6.1#

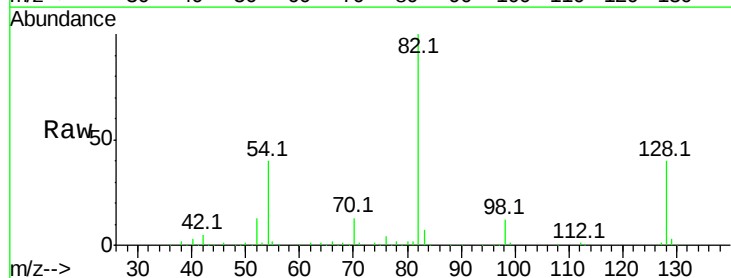


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

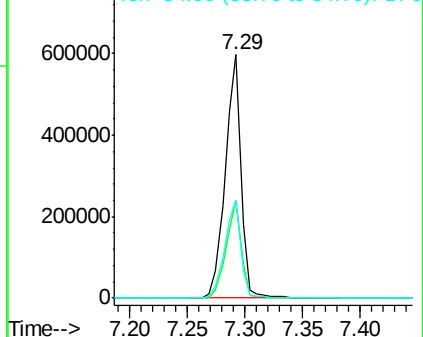
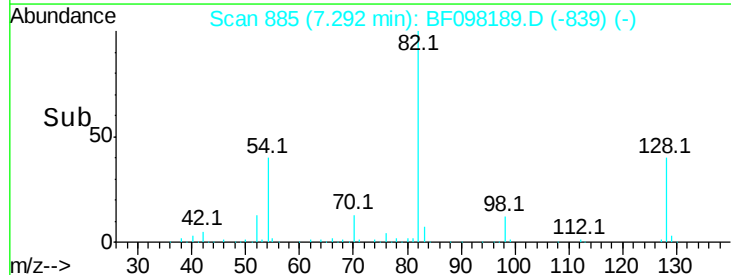


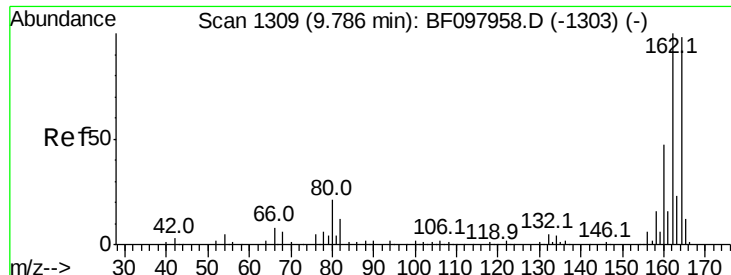
#23
Nitrobenzene-d5
Concen: 69.061 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF098189.D
Acq: 31 Aug 2017 7:59

Tgt Ion:	82	Resp:	565347
Ion	Ratio	Lower	Upper
82	100		
128	39.9	34.0	51.0
54	40.2	42.2	63.2#



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

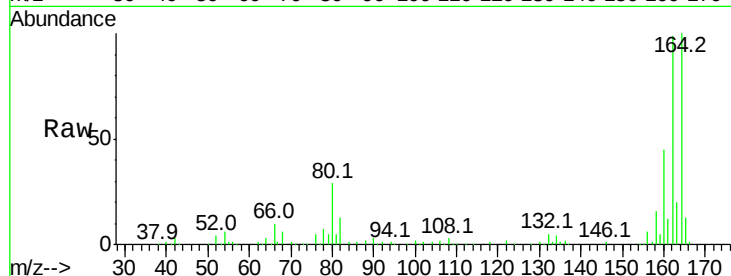




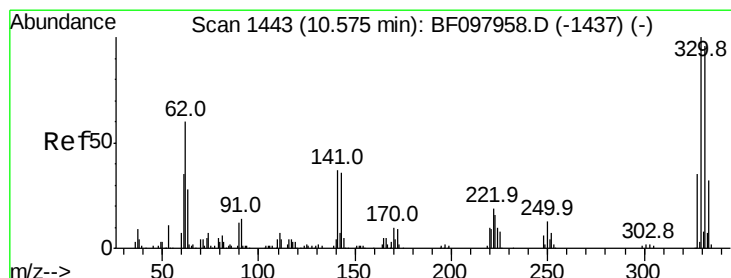
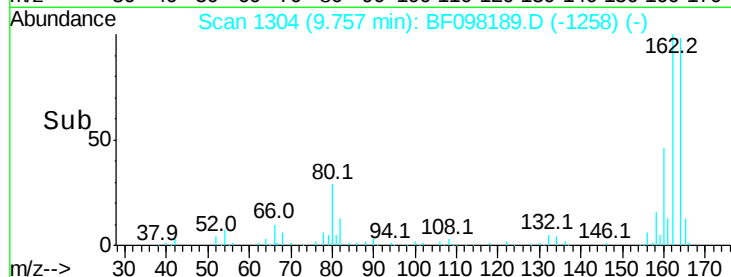
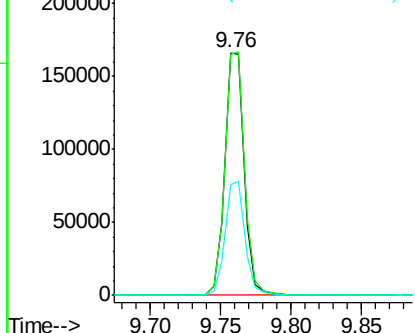
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF098189.D
 Acq: 31 Aug 2017 7:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.5	82.6	123.8
160	45.4	36.2	54.2

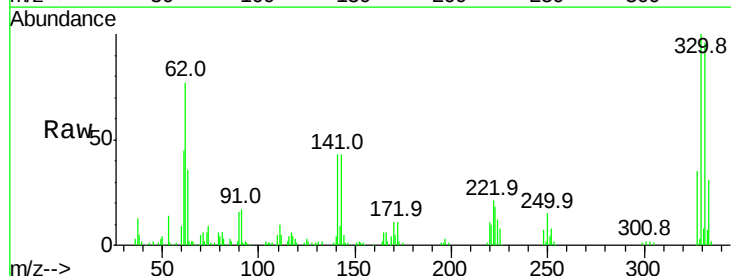


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

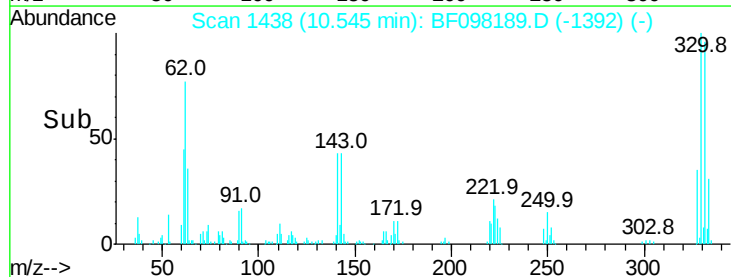
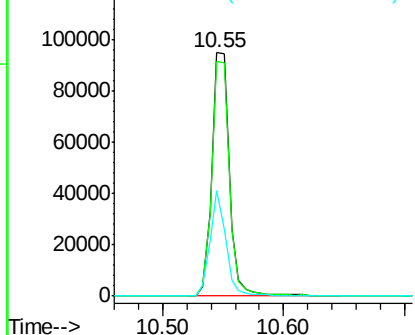


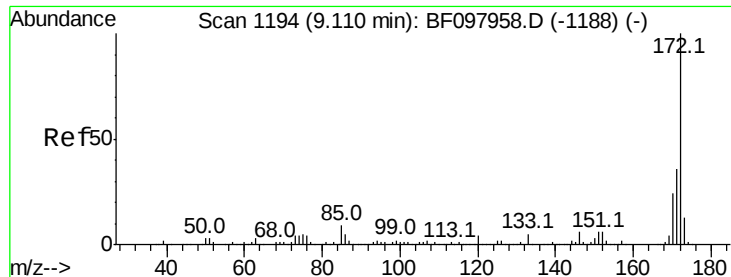
#41
 2,4,6-Tribromophenol
 Concen: 68.763 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.03 min
 Lab File: BF098189.D
 Acq: 31 Aug 2017 7:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	38.8	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

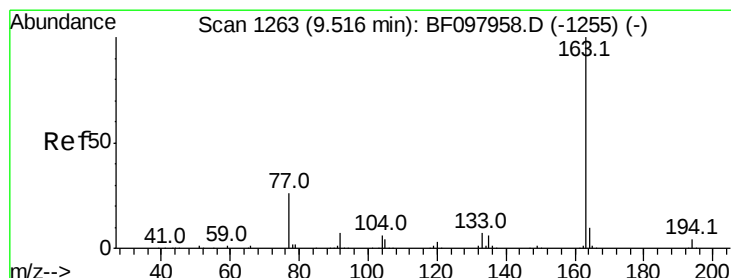
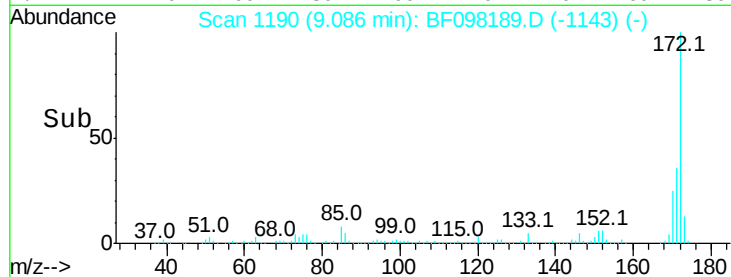
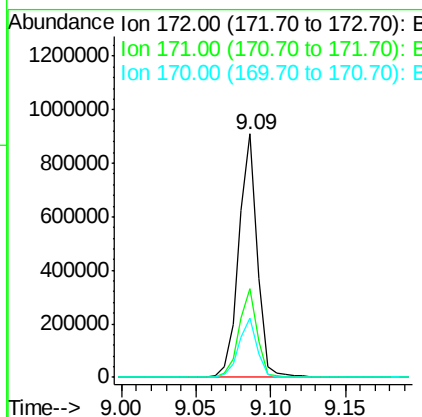
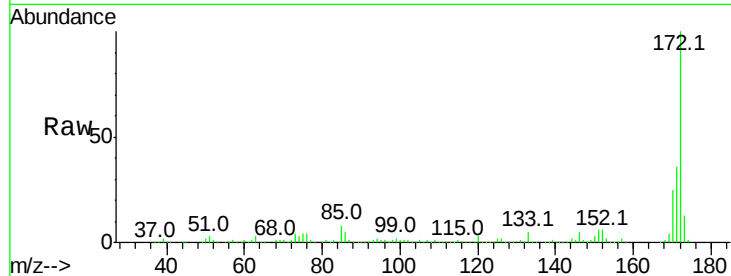




#44
 2-Fluorobiphenyl
 Concen: 72.871 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF098189.D
 Acq: 31 Aug 2017 7:59

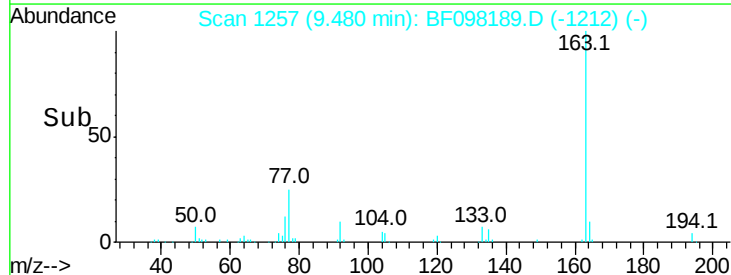
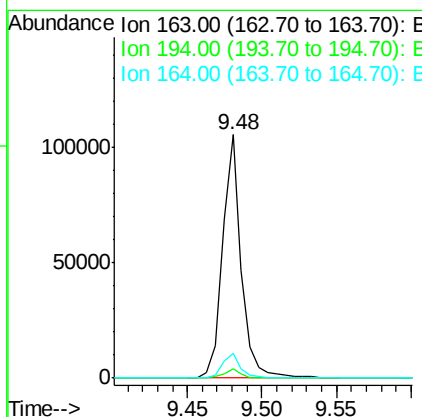
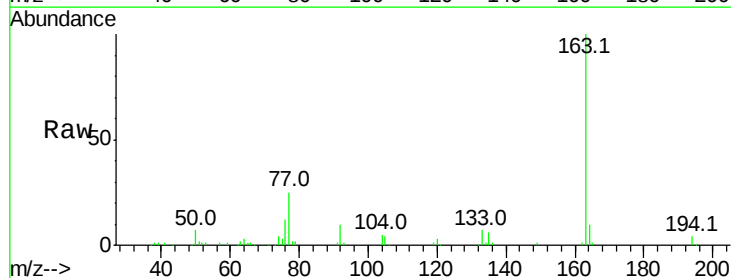
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 ClientSampleId :
 SB-07-COMP

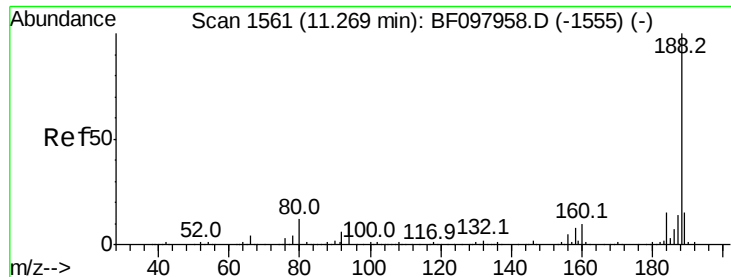
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.5	19.8	29.8



#49
 Dimethylphthalate
 Concen: 7.998 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.04 min
 Lab File: BF098189.D
 Acq: 31 Aug 2017 7:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	10.1	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF098189.D

Acq: 31 Aug 2017 7:59

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

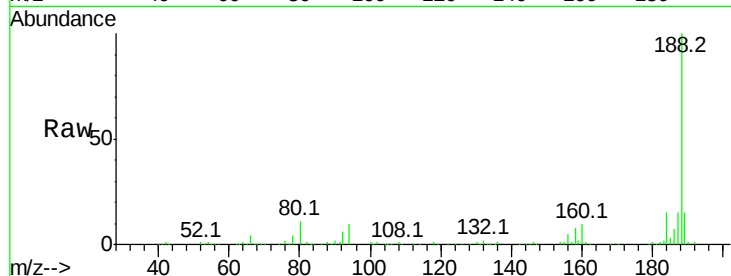
Tot Ion:188 Resp: 260739

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

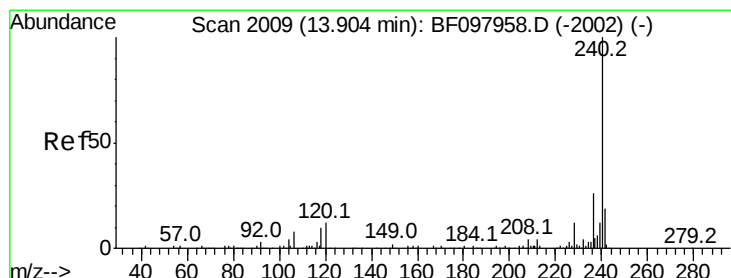
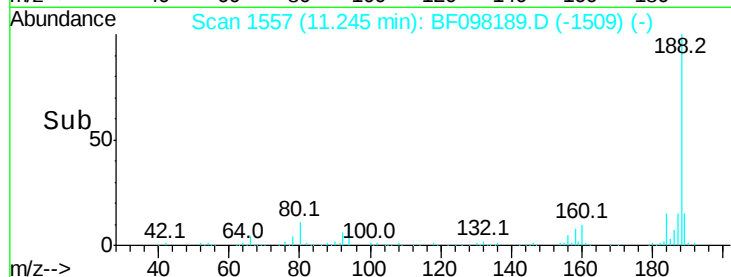
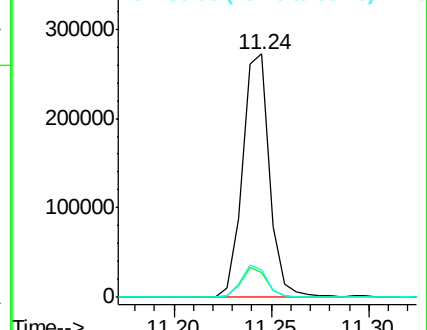
80 11.3 10.2 15.2



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: 13.87 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF098189.D

Acq: 31 Aug 2017 7:59

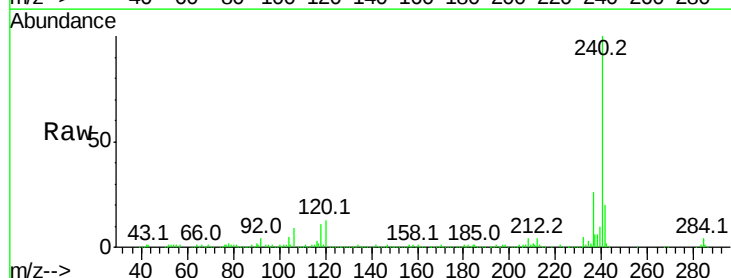
Tgt Ion:240 Resp: 227565

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

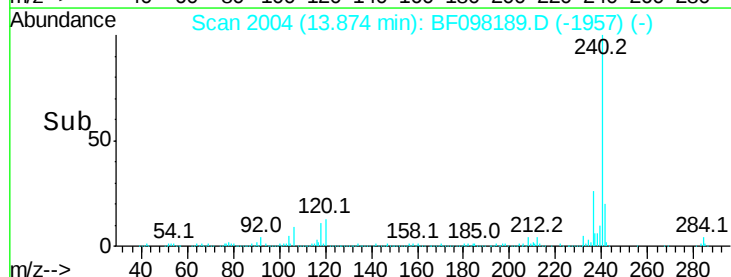
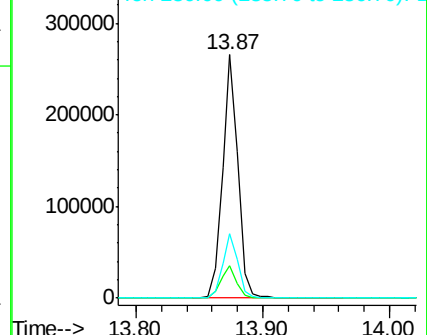
236 26.4 20.5 30.7

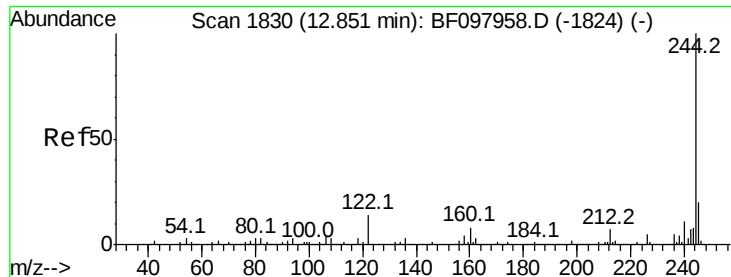


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 53.951 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF098189.D

Acq: 31 Aug 2017 7:59

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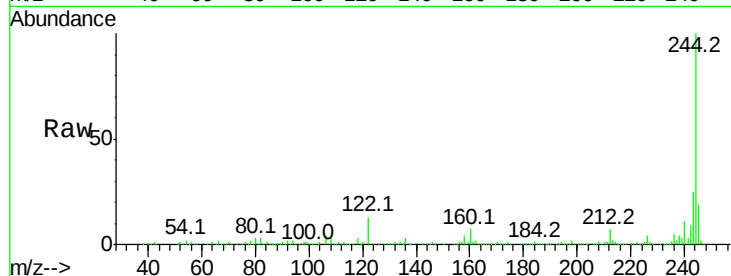
Tot Ion:244 Resp: 588747

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

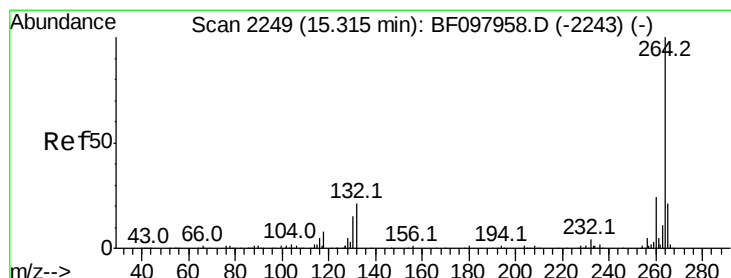
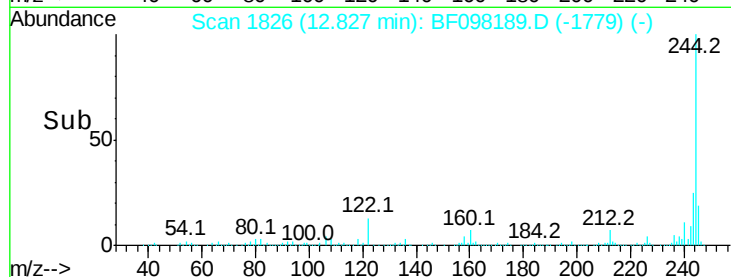
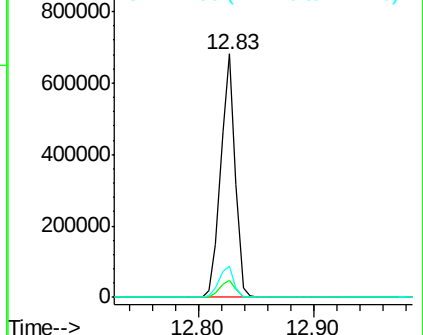
122 12.9 10.3 15.5



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: 15.29 min Scan# 2245

Delta R.T. -0.02 min

Lab File: BF098189.D

Acq: 31 Aug 2017 7:59

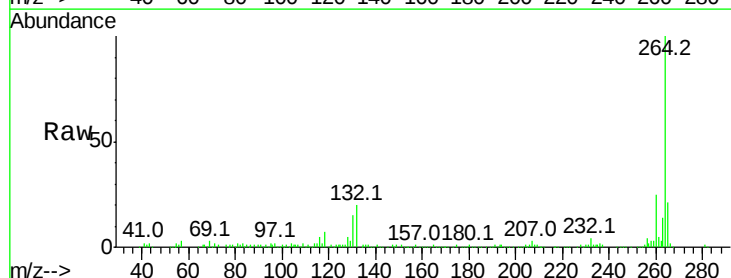
Tgt Ion:264 Resp: 149001

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 21.3 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

