

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097076.D
 Acq On : 26 Jul 2017 15:35
 Operator : SJ/JU
 Sample : I4443-07 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-M8-BASE

Quant Time: Jul 26 16:06:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

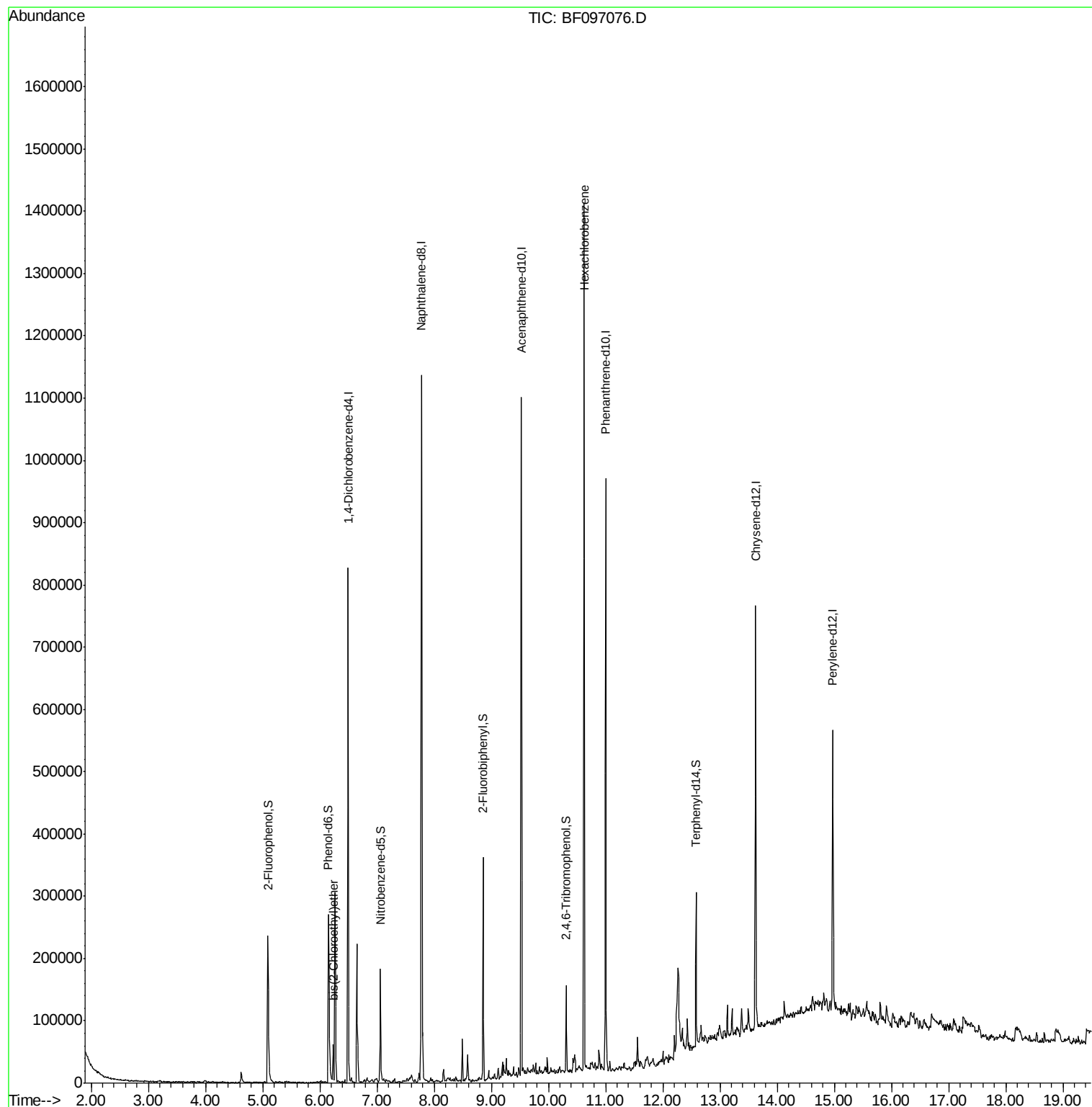
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	115770	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	528954	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	227602	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	304484	20.00	ng	0.00
75) Chrysene-d12	13.62	240	209745	20.00	ng	0.00
86) Perylene-d12	14.97	264	172508	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	85037	11.07	ng	0.00
7) Phenol-d6	6.16	99	103211	11.77	ng	-0.01
23) Nitrobenzene-d5	7.06	82	53320	5.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	13043	7.25	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	105831	7.89	ng	-0.01
78) Terphenyl-d14	12.58	244	61409	5.97	ng	0.00
Target Compounds						
11) bis(2-Chloroethyl)ether	6.23	93	17742	2.157	ng	93
67) Hexachlorobenzene	10.62	284	179354	52.635	ng	# 86

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

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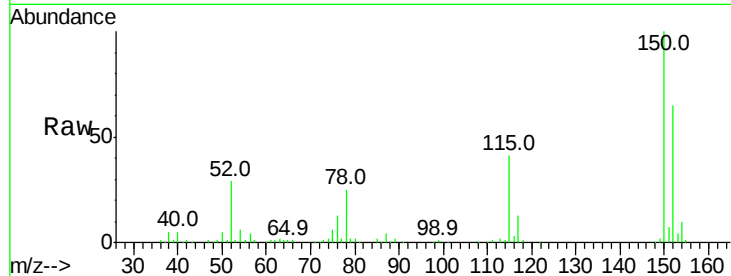


#1

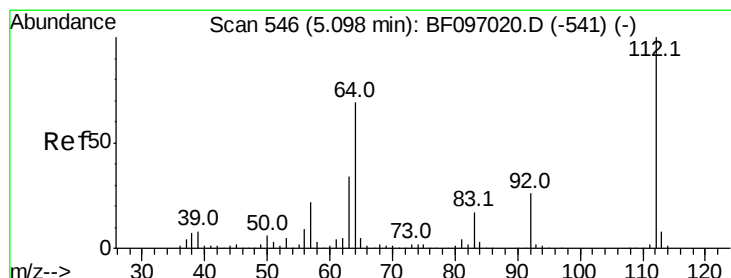
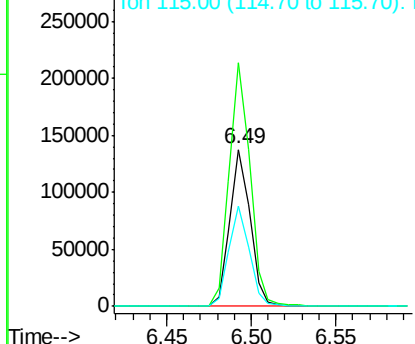
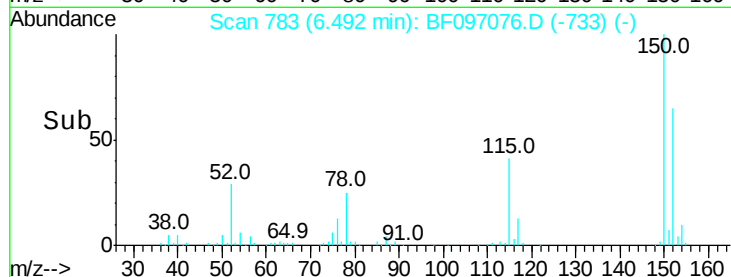
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.49 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF097076.D
 Acq: 26 Jul 2017 15:35

Instrument :
 BNA_F
 ClientSampleId :
 E2-M8-BASE

Tot Ion:152 Resp: 115770
 Ion Ratio Lower Upper
 152 100
 150 154.9 126.2 189.2
 115 64.1 52.2 78.2



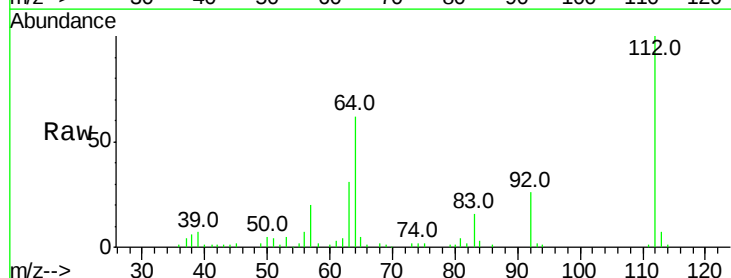
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



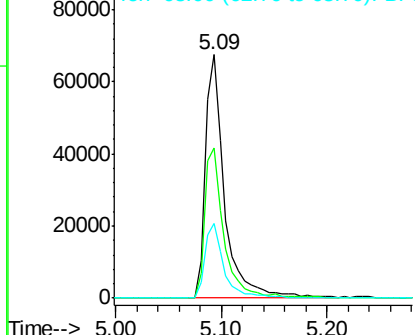
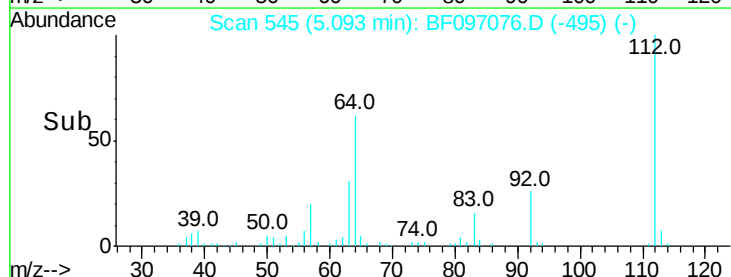
#5

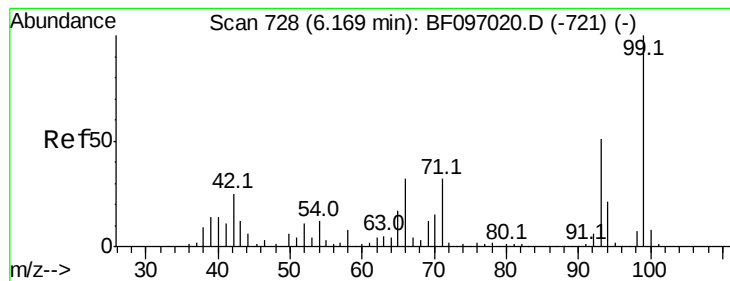
2-Fluorophenol
 Concen: 11.073 ng
 RT: 5.09 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF097076.D
 Acq: 26 Jul 2017 15:35

Tgt Ion:112 Resp: 85037
 Ion Ratio Lower Upper
 112 100
 64 61.7 46.0 69.0
 63 30.5 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: 11.772 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097076.D

Acq: 26 Jul 2017 15:35

Instrument :

BNA_F

ClientSampleId :

E2-M8-BASE

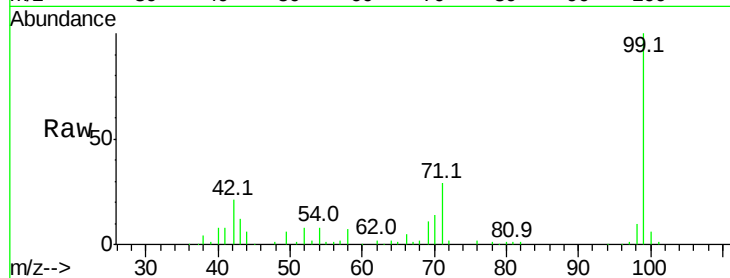
Tot Ion: 99 Resp: 103211

Ion Ratio Lower Upper

99 100

42 21.4 13.5 20.3#

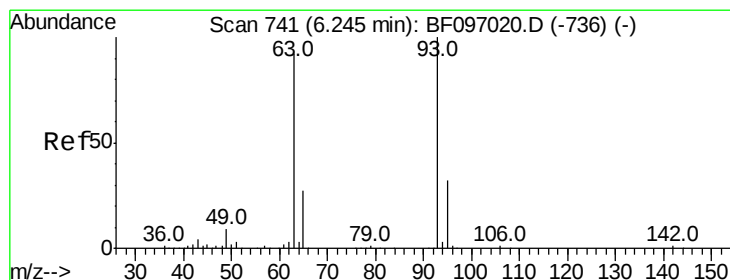
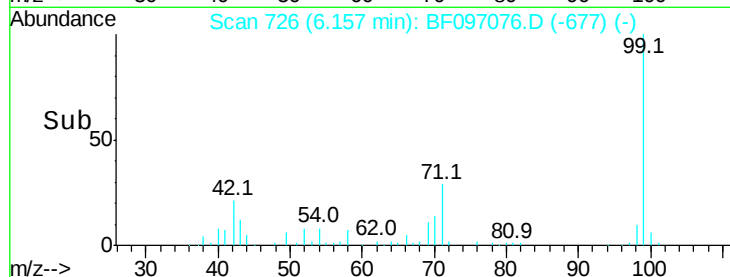
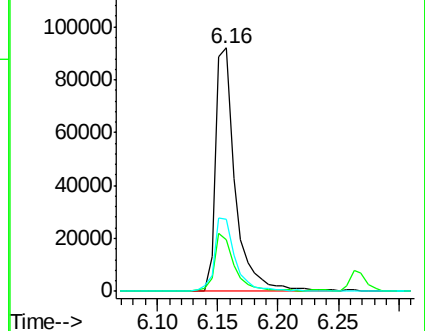
71 29.4 24.5 36.7



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



#11

bis(2-Chloroethyl)ether

Concen: 2.157 ng

RT: 6.23 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF097076.D

Acq: 26 Jul 2017 15:35

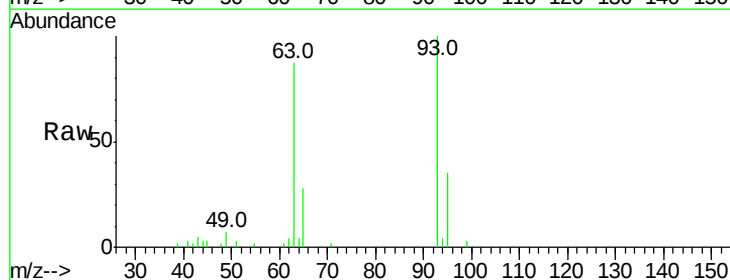
Tgt Ion: 93 Resp: 17742

Ion Ratio Lower Upper

93 100

63 87.3 59.2 99.2

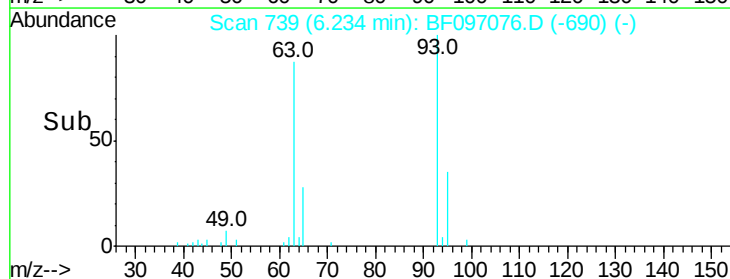
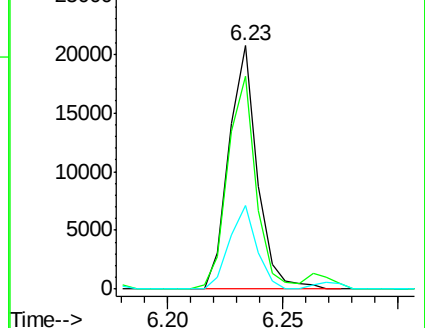
95 34.6 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097076.D

Acq: 26 Jul 2017 15:35

Instrument :

BNA_F

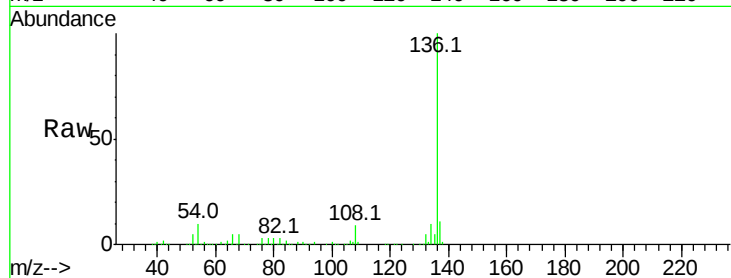
ClientSampleId :

E2-M8-BASE

Tot Ion:136 Resp: 528954

Ion Ratio Lower Upper

136	100		
137	10.6	8.5	12.7
54	9.6	4.9	7.3#
68	5.2	4.1	6.1

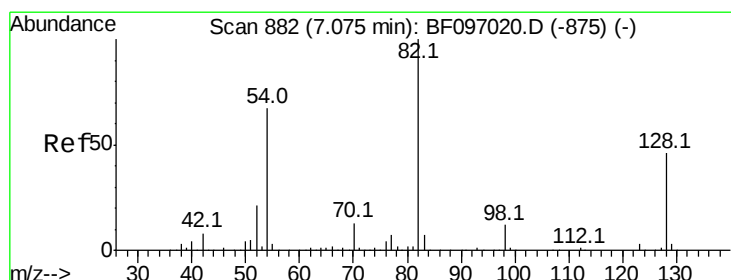
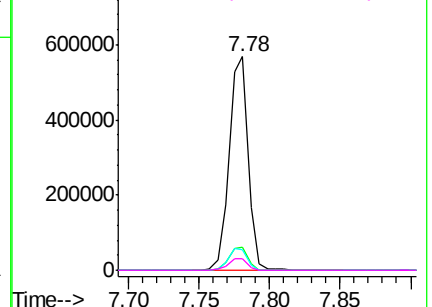
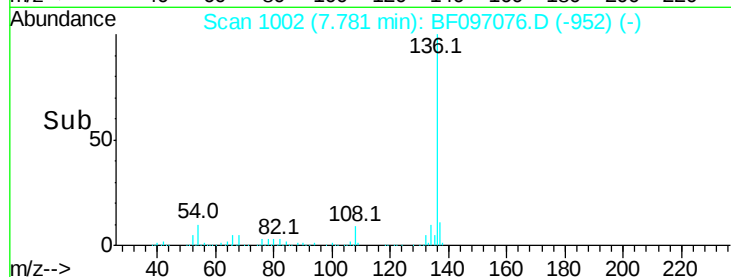


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.913 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.02 min

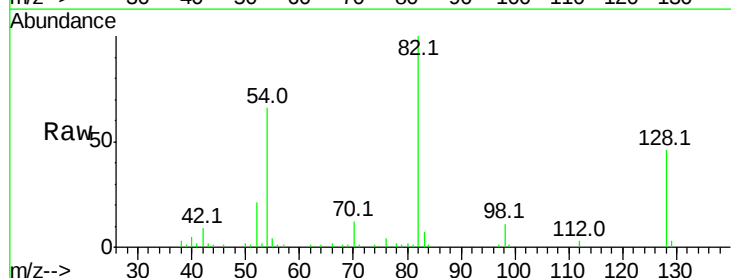
Lab File: BF097076.D

Acq: 26 Jul 2017 15:35

Tgt Ion: 82 Resp: 53320

Ion Ratio Lower Upper

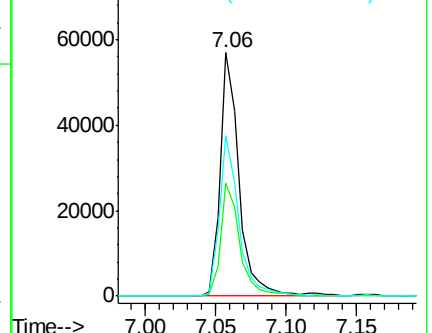
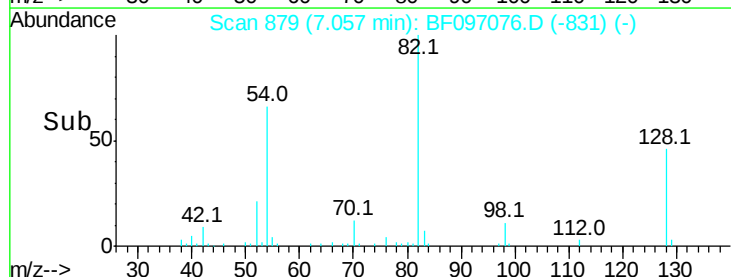
82	100		
128	46.3	34.0	51.0
54	65.9	42.2	63.2#

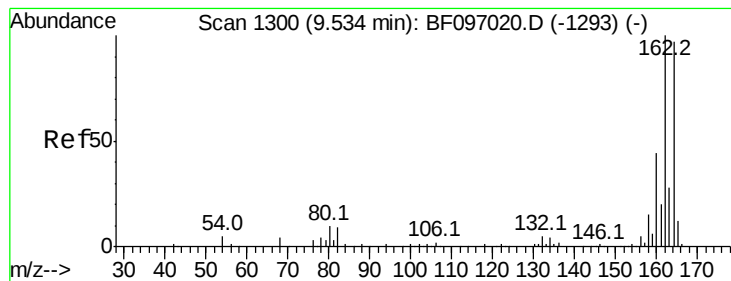


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.52 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF097076.D

Acq: 26 Jul 2017 15:35

Instrument :

BNA_F

ClientSampleId :

E2-M8-BASE

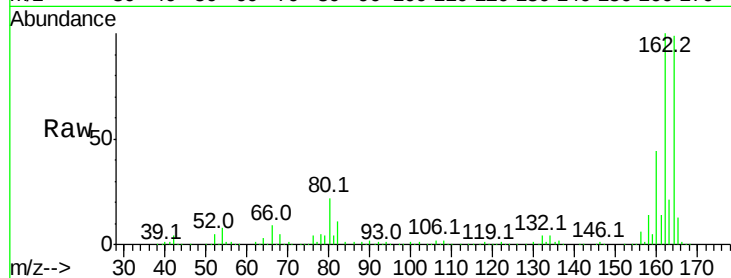
Tot Ion:164 Resp: 227602

Ion Ratio Lower Upper

164 100

162 101.2 82.6 123.8

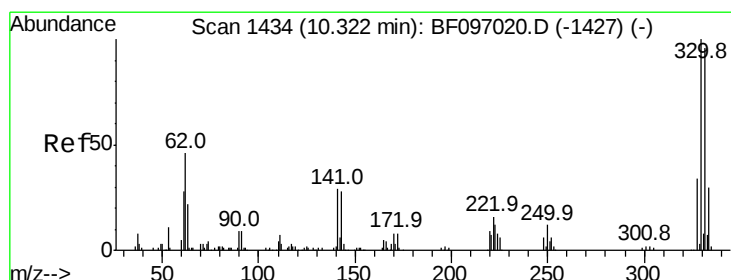
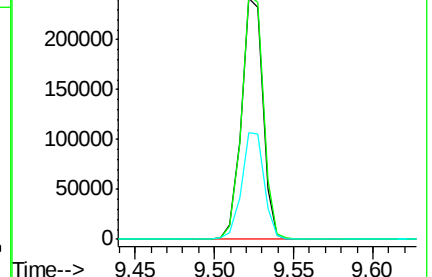
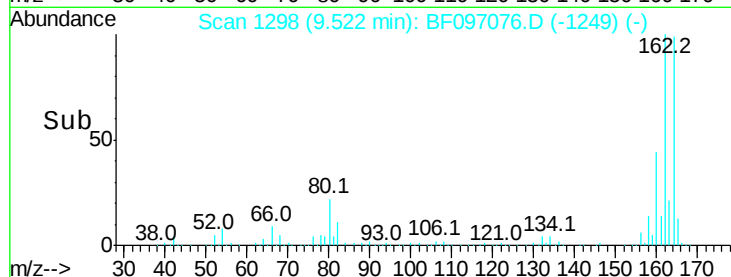
160 44.5 36.2 54.2



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: 7.253 ng

RT: 10.31 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF097076.D

Acq: 26 Jul 2017 15:35

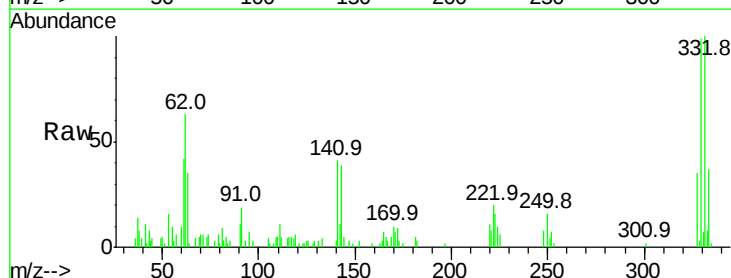
Tgt Ion:330 Resp: 13043

Ion Ratio Lower Upper

330 100

332 99.6 76.6 115.0

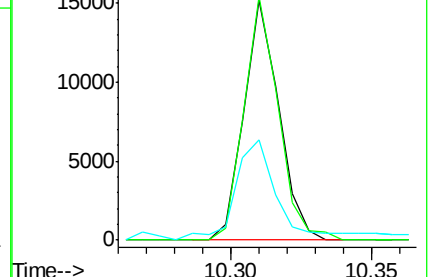
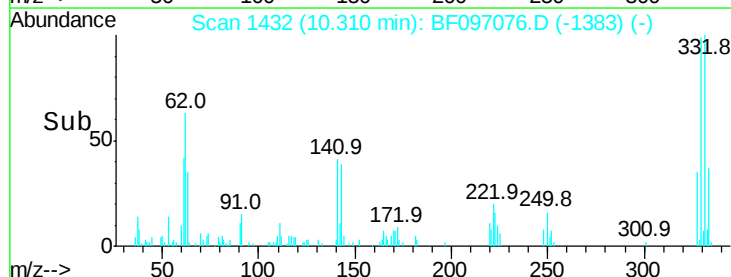
141 48.4 31.4 47.2#



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

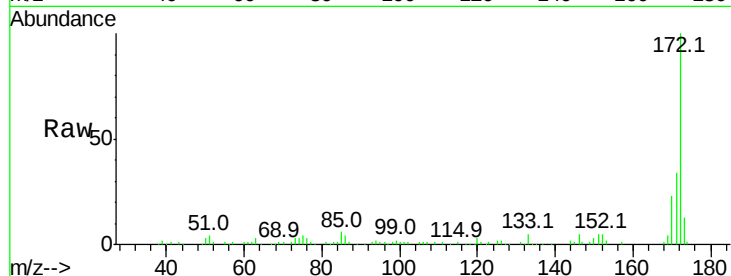




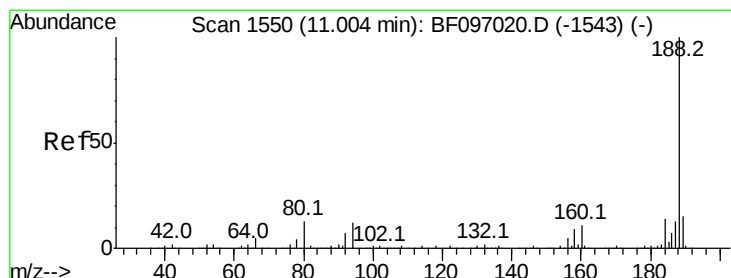
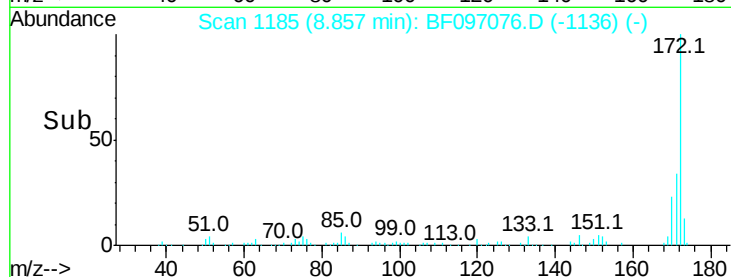
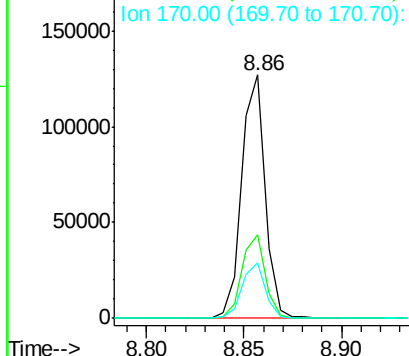
#44
 2-Fluorobiphenyl
 Concen: 7.891 ng
 RT: 8.86 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF097076.D
 Acq: 26 Jul 2017 15:35

Instrument :
 BNA_F
 ClientSampleId :
 E2-M8-BASE

Tot Ion:172 Resp: 105831
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.6 44.4
 170 22.7 19.8 29.8

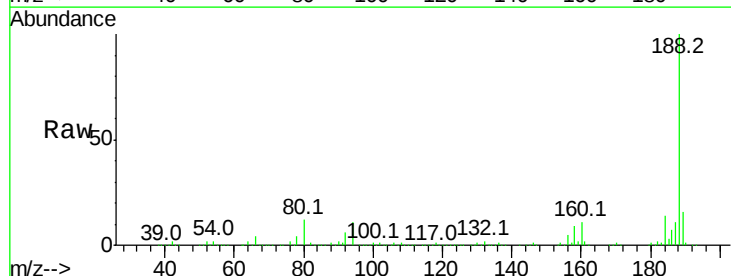


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

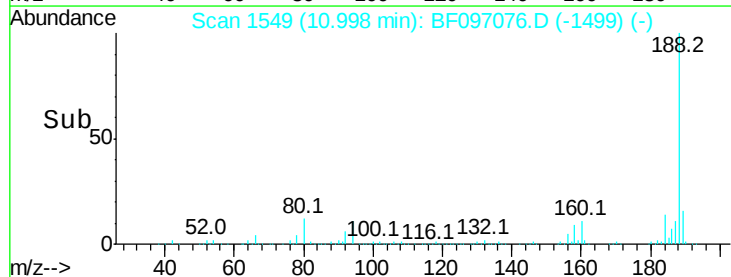
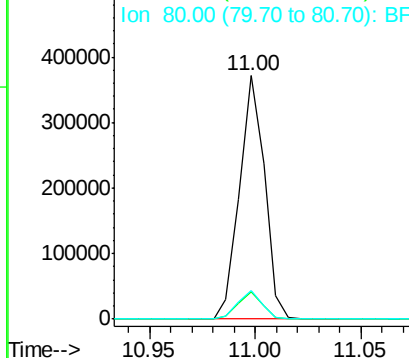


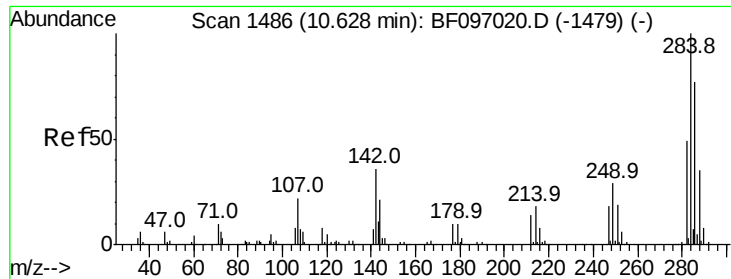
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.00 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF097076.D
 Acq: 26 Jul 2017 15:35

Tgt Ion:188 Resp: 304484
 Ion Ratio Lower Upper
 188 100
 94 11.3 9.4 14.2
 80 11.7 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

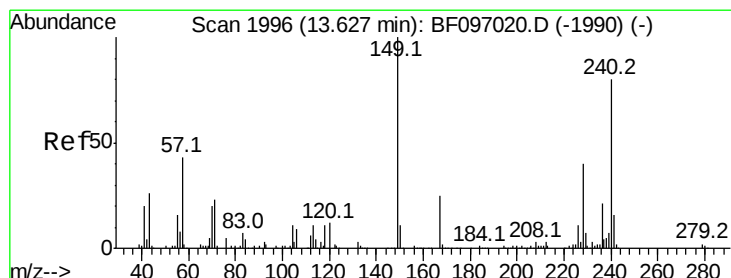
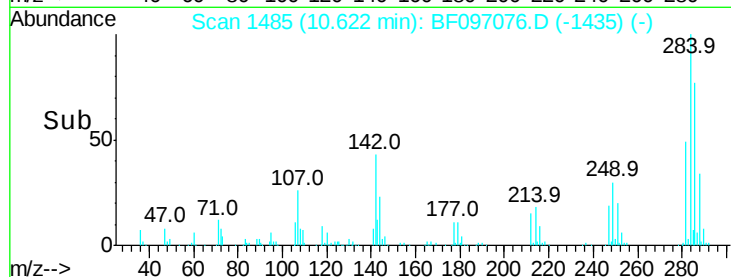
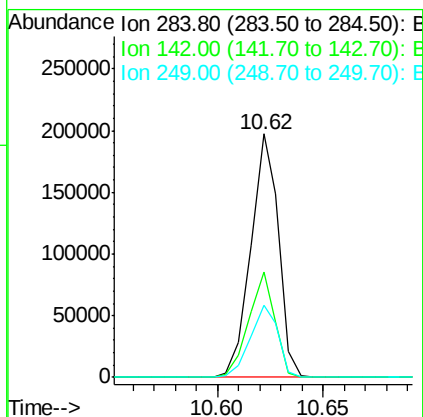
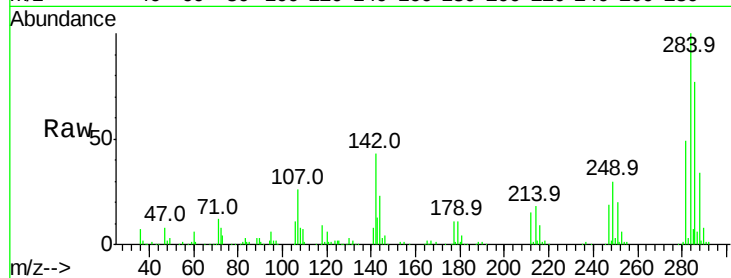




#67
Hexachlorobenzene
Concen: 52.635 ng
RT: 10.62 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF097076.D
Acq: 26 Jul 2017 15:35

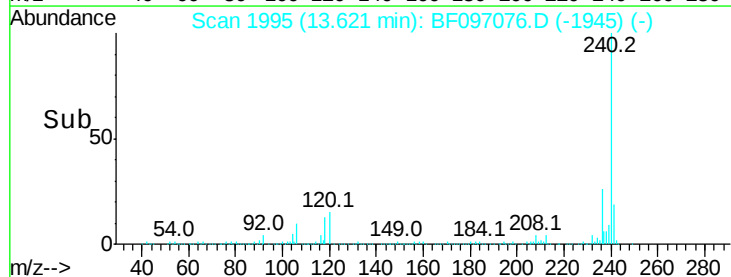
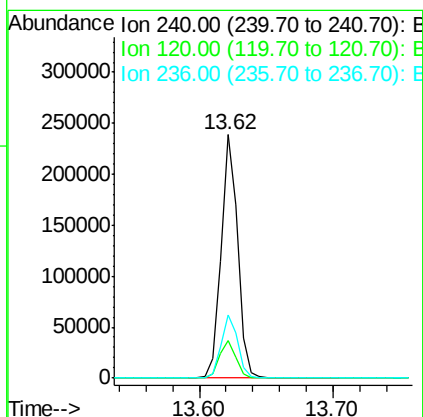
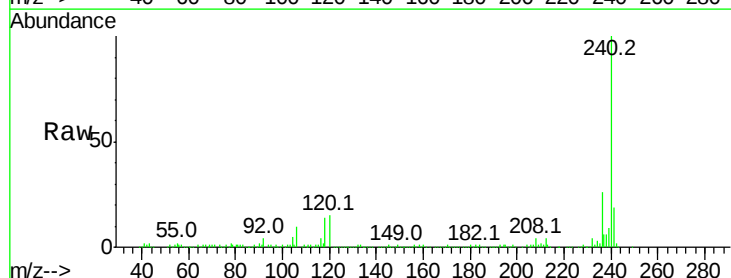
Instrument :
BNA_F
ClientSampleId :
E2-M8-BASE

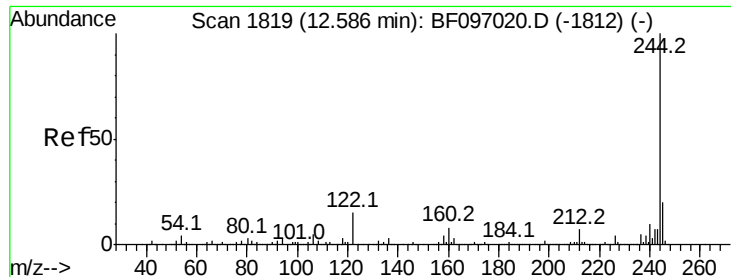
Tot Ion	Ratio	Lower	Upper
284	100		
142	43.4	22.8	34.2#
249	29.7	24.0	36.0



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097076.D
Acq: 26 Jul 2017 15:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.8	8.8#
236	25.8	20.5	30.7





#78

Terphenyl-d14

Concen: 5.969 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF097076.D

Acq: 26 Jul 2017 15:35

Instrument :

BNA_F

ClientSampleId :

E2-M8-BASE

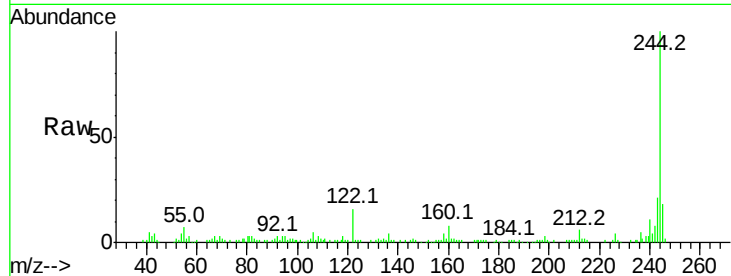
Tot Ion:244 Resp: 61409

Ion Ratio Lower Upper

244 100

212 6.3 6.0 9.0

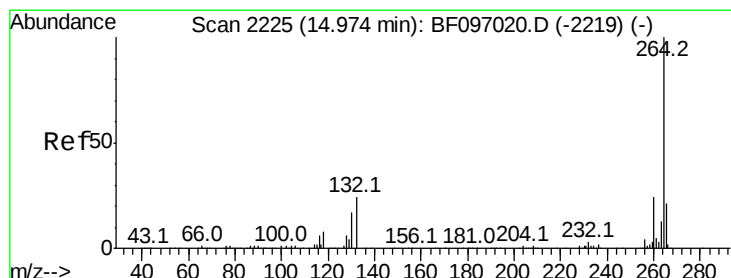
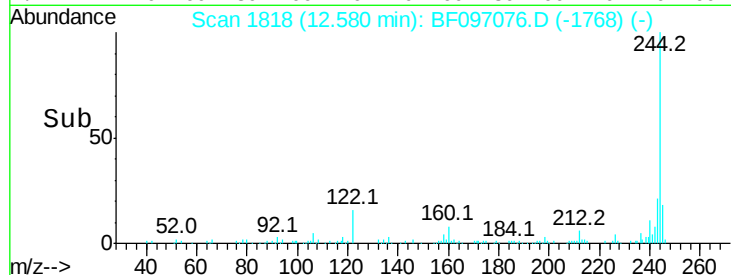
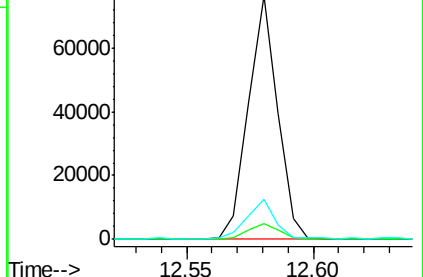
122 16.3 10.3 15.5#



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: 14.97 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF097076.D

Acq: 26 Jul 2017 15:35

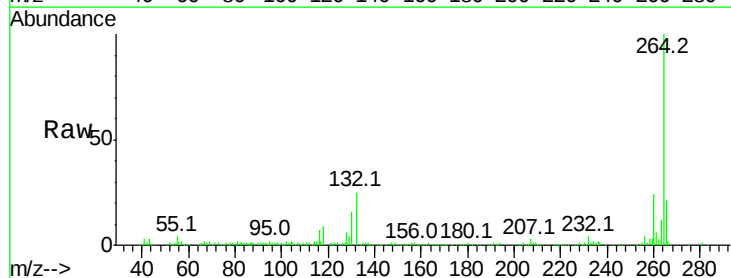
Tgt Ion:264 Resp: 172508

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.5 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

