

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097095.D
 Acq On : 27 Jul 2017 00:29
 Operator : SJ/JU
 Sample : I4359-17 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 08:20:54 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

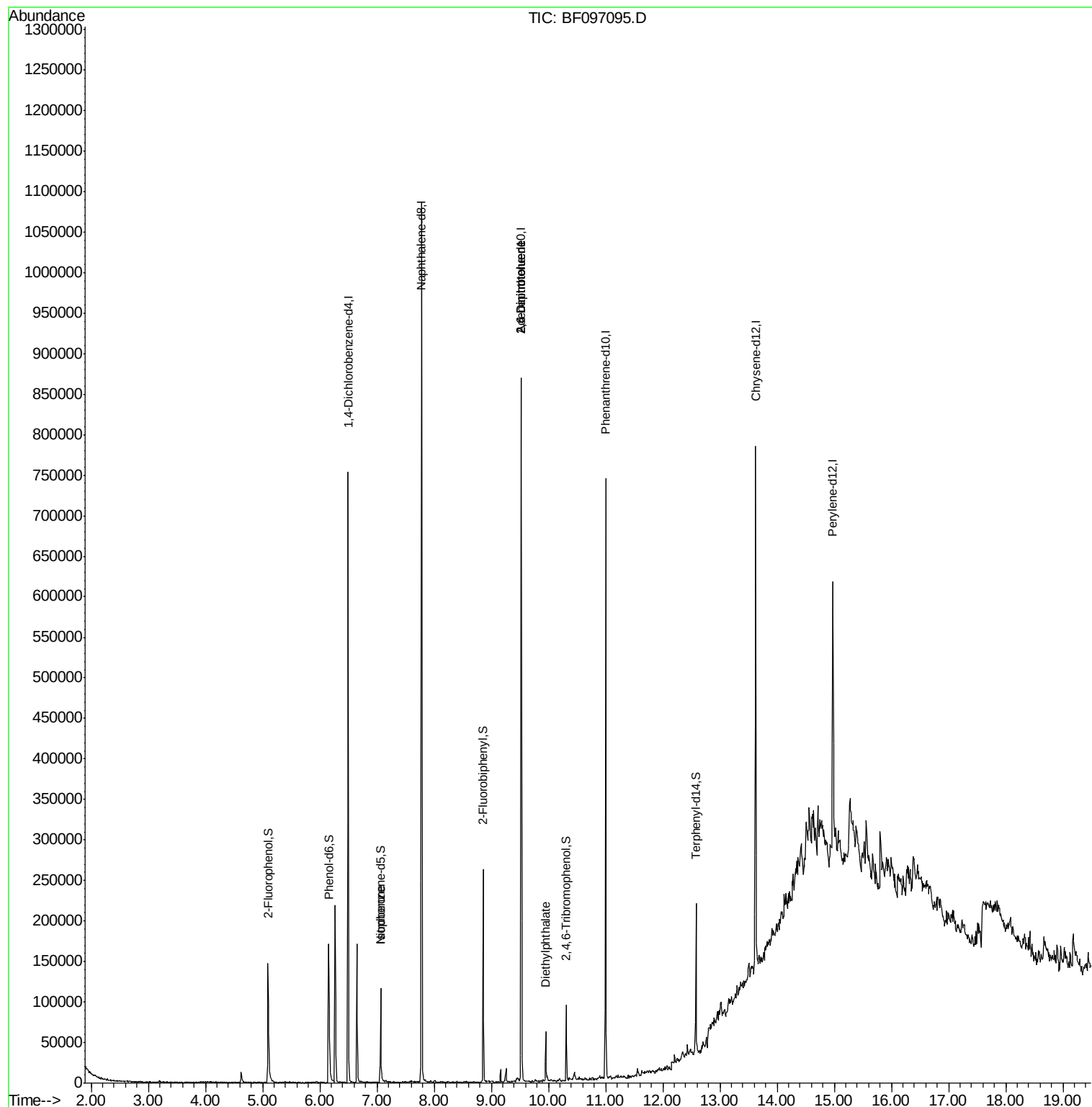
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	106976	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	476926	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	165978	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	240864	20.00	ng	0.00
75) Chrysene-d12	13.62	240	211659	20.00	ng	0.00
86) Perylene-d12	14.97	264	138314	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	58576	8.25	ng	0.00
7) Phenol-d6	6.16	99	73195	9.03	ng	-0.01
23) Nitrobenzene-d5	7.06	82	40715	5.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	10297	7.85	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	78998	8.08	ng	-0.01
78) Terphenyl-d14	12.58	244	50958	4.91	ng	0.00
Target Compounds						
25) Isophorone	7.06	82	40714	2.557	ng	# 67
50) 2,6-Dinitrotoluene	9.52	165	21520	8.050	ng	# 34
56) 2,4-Dinitrotoluene	9.52	165	21520	7.003	ng	# 33
59) Diethylphthalate	9.95	149	23498	2.032	ng	97

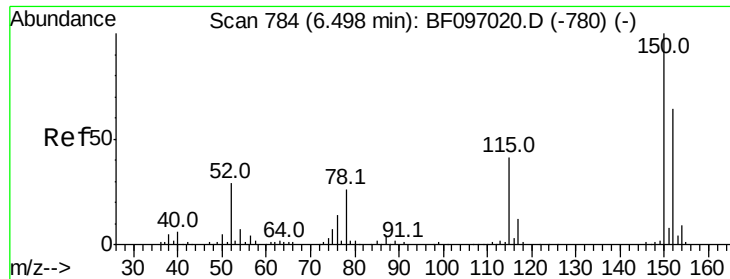
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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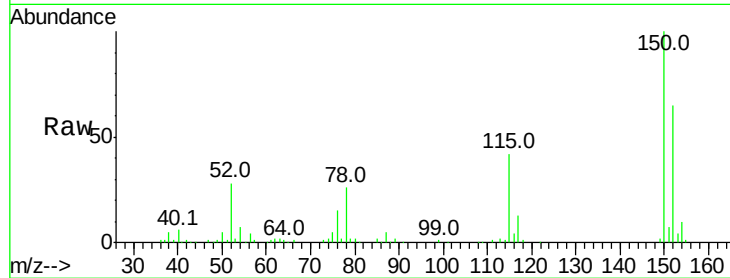


#1

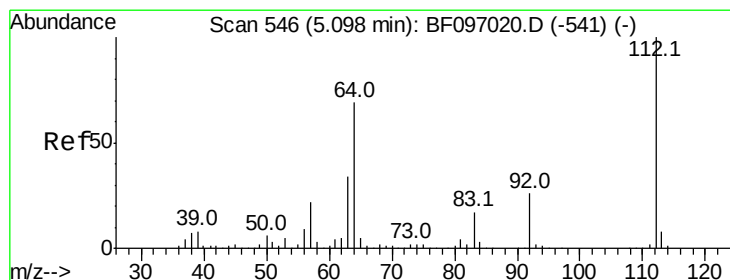
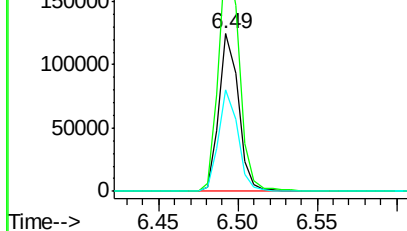
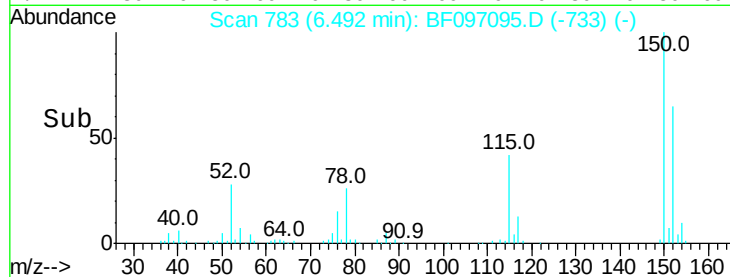
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097095.D
Acq: 27 Jul 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 106976
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.2
115 64.2 52.2 78.2



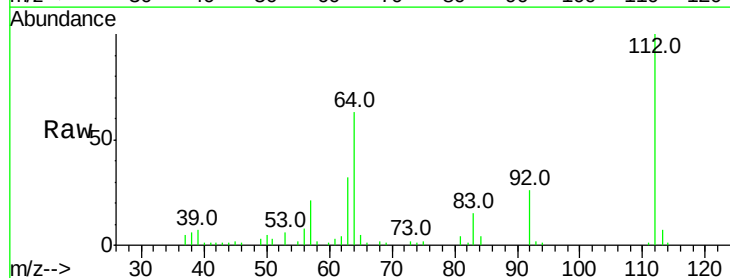
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



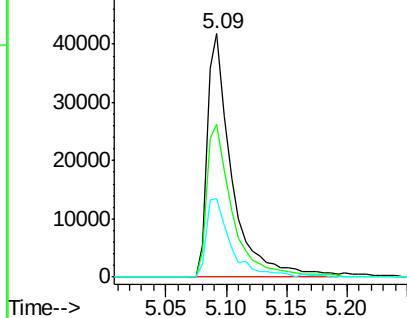
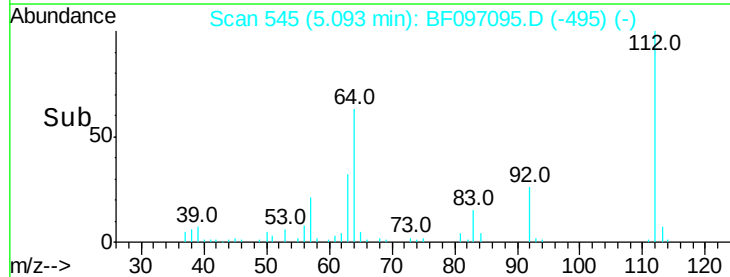
#5

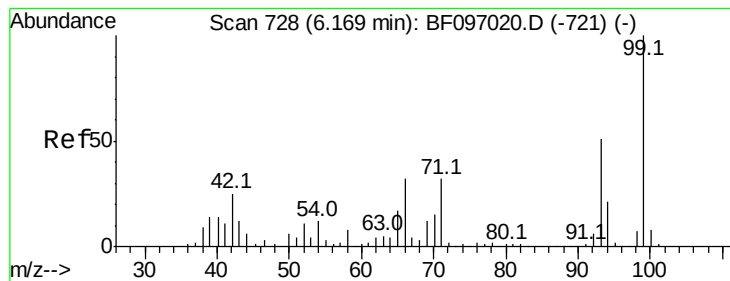
2-Fluorophenol
Concen: 8.254 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097095.D
Acq: 27 Jul 2017 00:29

Tgt Ion:112 Resp: 58576
Ion Ratio Lower Upper
112 100
64 63.0 46.0 69.0
63 32.3 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: 9.035 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097095.D

Acq: 27 Jul 2017 00:29

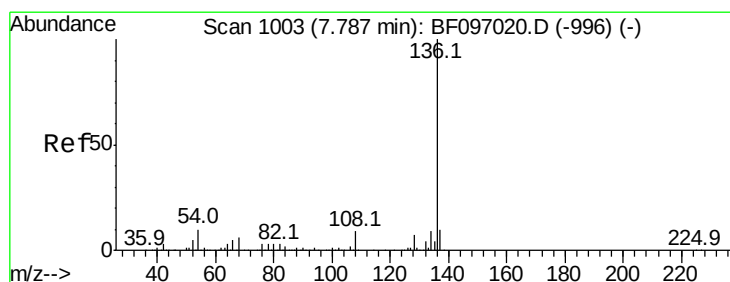
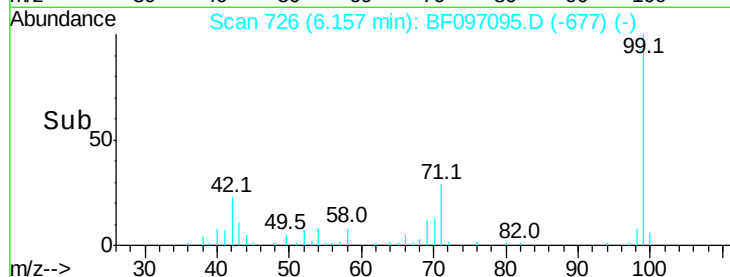
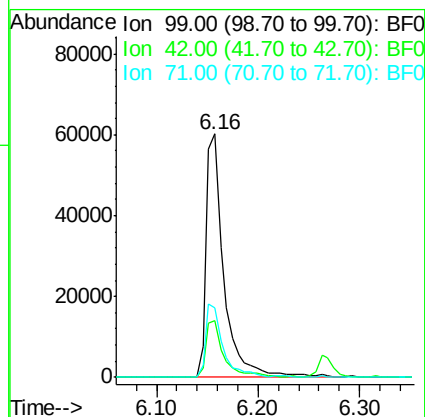
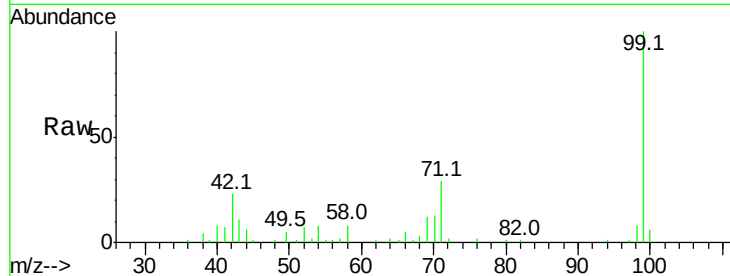
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 73195

Ion	Ratio	Lower	Upper
99	100		
42	23.5	13.5	20.3#
71	28.8	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.78 min Scan# 1002

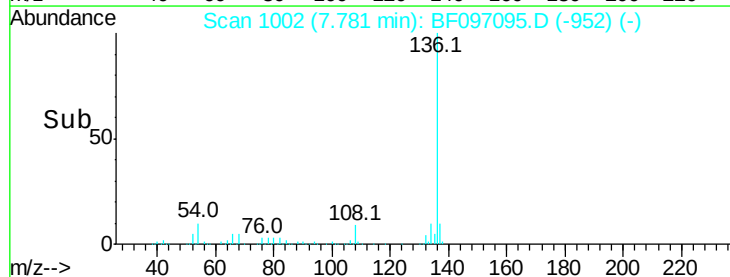
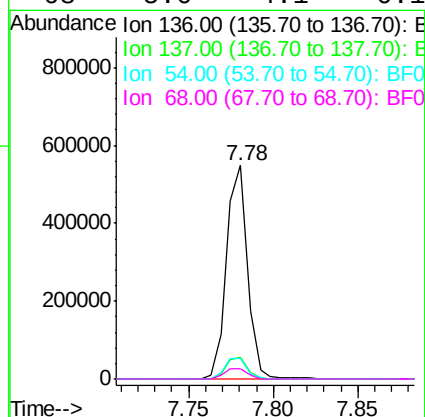
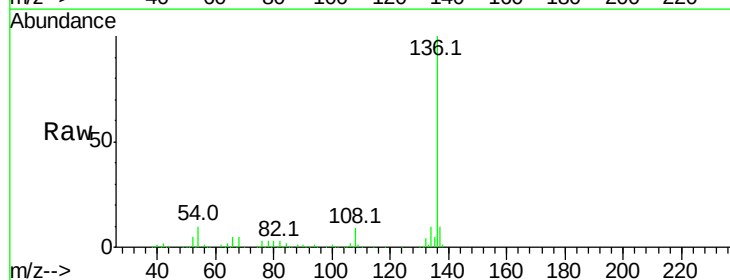
Delta R.T. -0.01 min

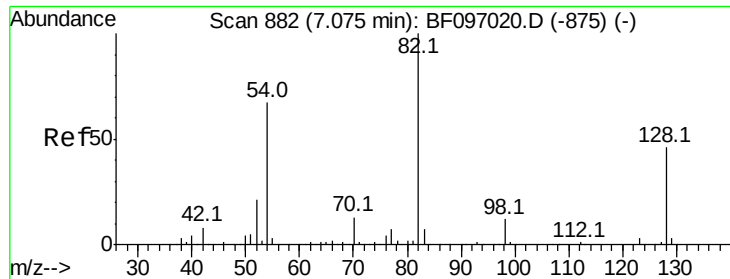
Lab File: BF097095.D

Acq: 27 Jul 2017 00:29

Tgt Ion: 136 Resp: 476926

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	9.7	4.9	7.3#
68	5.0	4.1	6.1

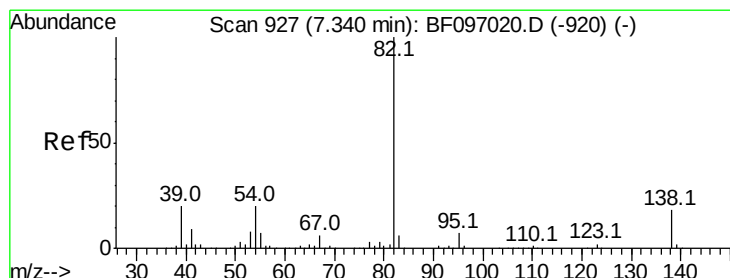
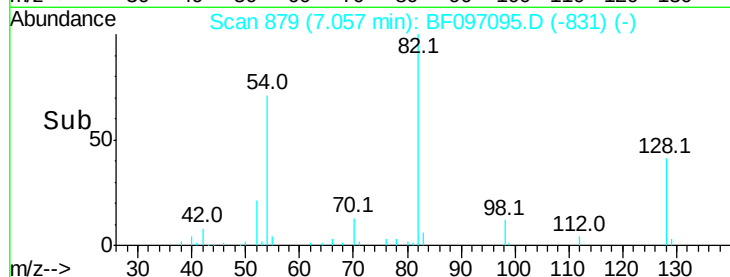
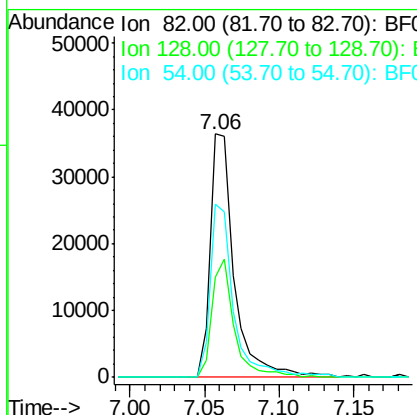
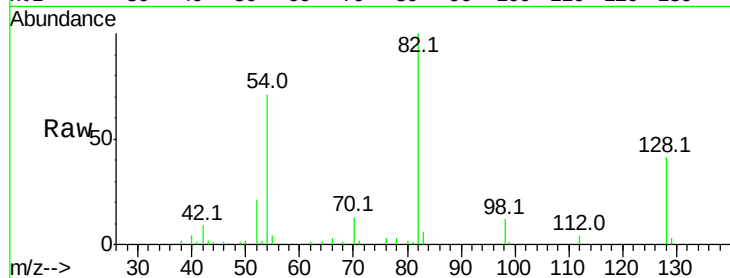




#23
 Nitrobenzene-d5
 Concen: 5.008 ng
 RT: 7.06 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF097095.D
 Acq: 27 Jul 2017 00:29

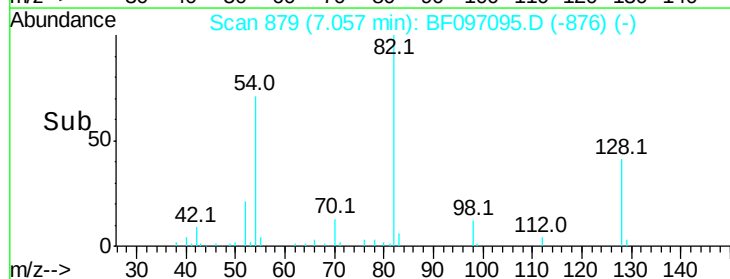
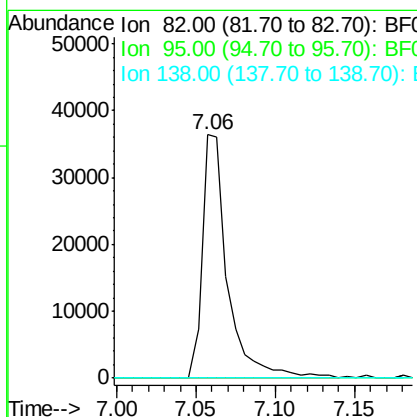
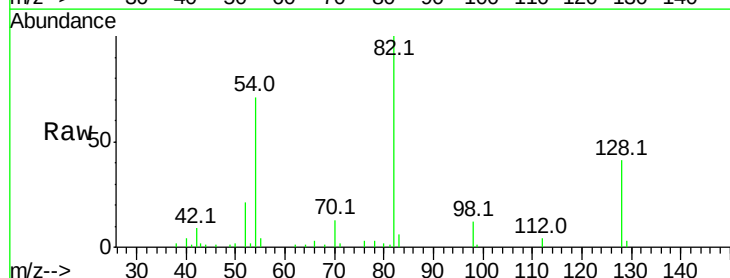
Instrument :
 BNA_F
 ClientSampled :

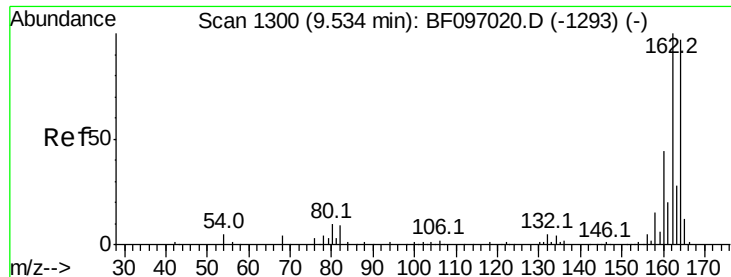
Tot Ion	82	Resp	40715
Ion Ratio	100	Lower	Upper
82	100		
128	41.4	34.0	51.0
54	70.9	42.2	63.2#



#25
 Isophorone
 Concen: 2.557 ng
 RT: 7.06 min Scan# 879
 Delta R.T. -0.28 min
 Lab File: BF097095.D
 Acq: 27 Jul 2017 00:29

Tgt Ion	82	Resp	40714
Ion Ratio	100	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

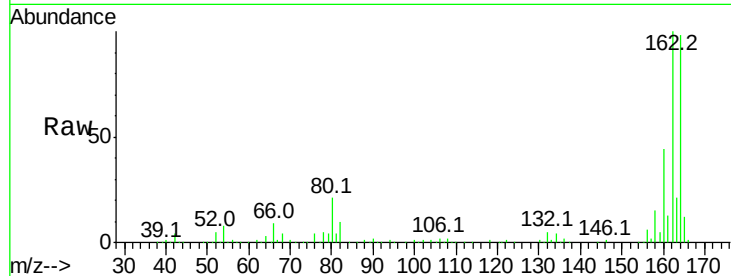




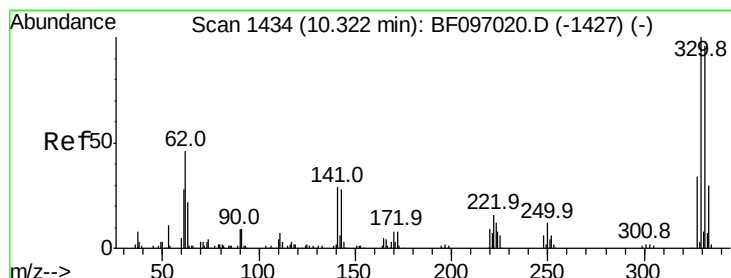
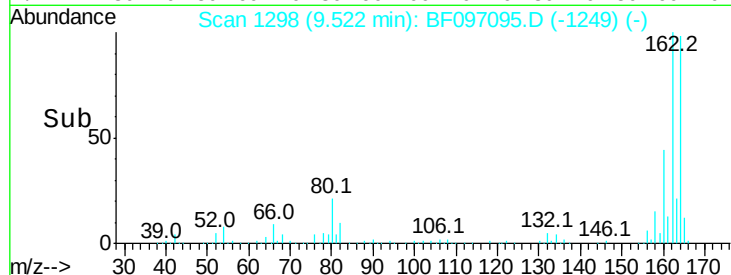
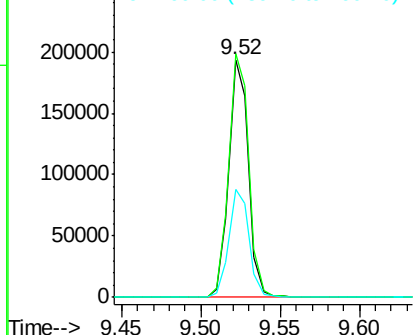
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF097095.D
Acq: 27 Jul 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 165978
Ion Ratio Lower Upper
164 100
162 102.5 82.6 123.8
160 45.5 36.2 54.2

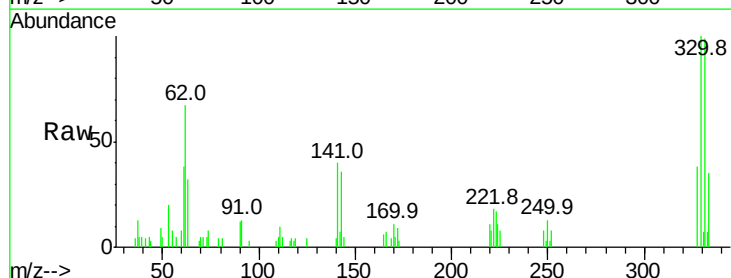


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

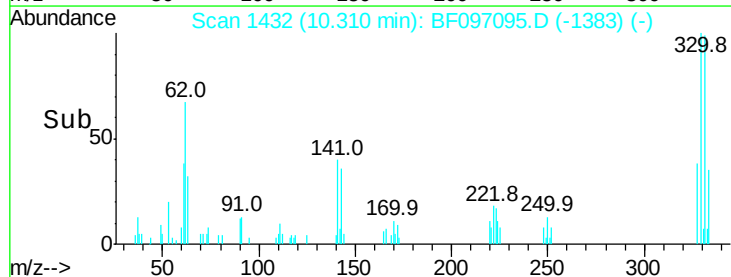
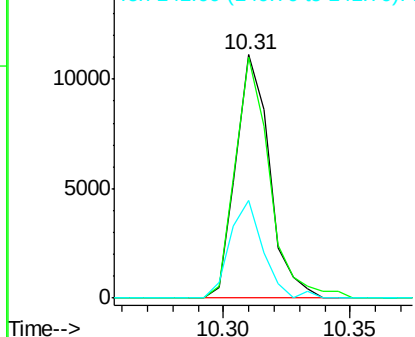


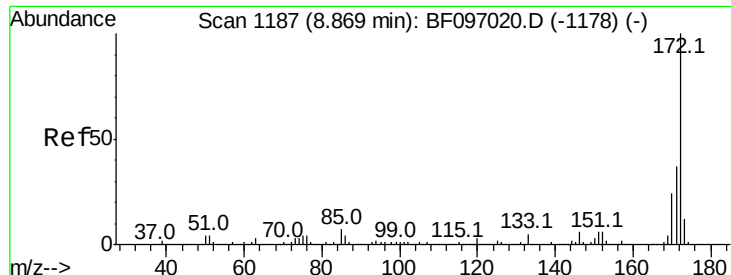
#41
2,4,6-Tribromophenol
Concen: 7.852 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF097095.D
Acq: 27 Jul 2017 00:29

Tgt Ion:330 Resp: 10297
Ion Ratio Lower Upper
330 100
332 100.7 76.6 115.0
141 39.5 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

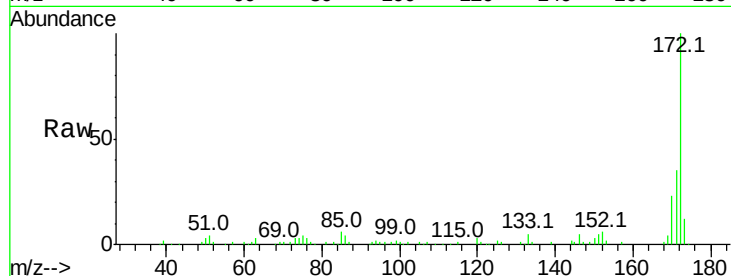




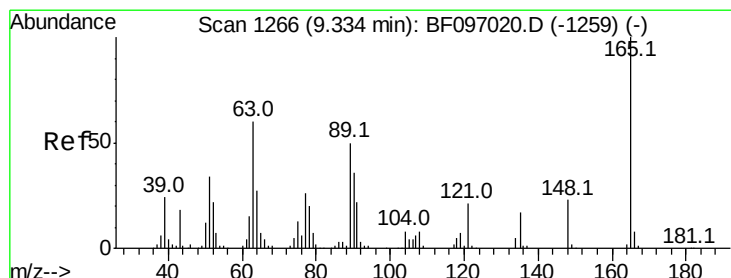
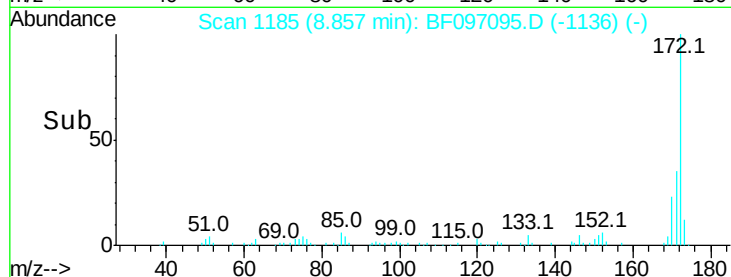
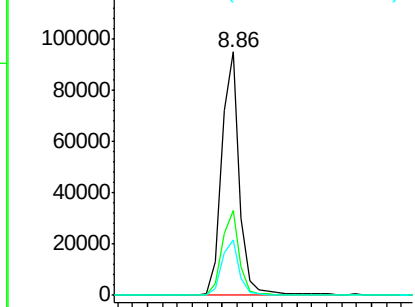
#44
2-Fluorobiphenyl
Concen: 8.077 ng
RT: 8.86 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF097095.D
Acq: 27 Jul 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 78998
Ion Ratio Lower Upper
172 100
171 35.0 29.6 44.4
170 22.8 19.8 29.8

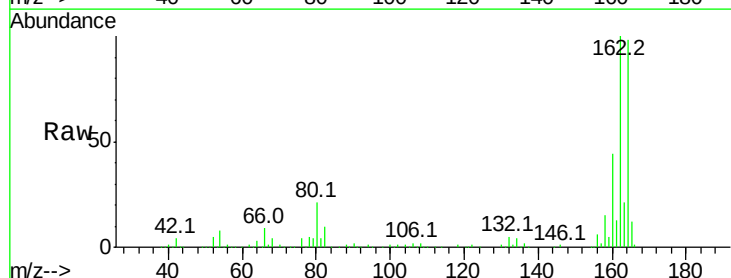


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

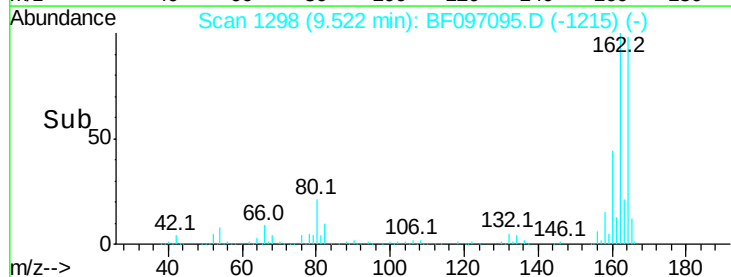
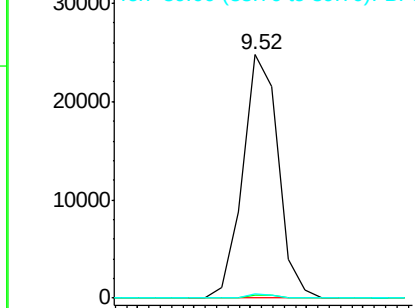


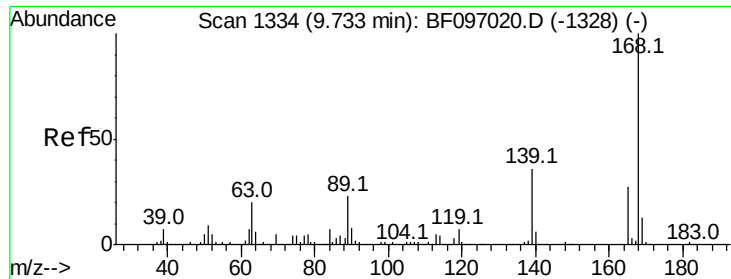
#50
2,6-Dinitrotoluene
Concen: 8.050 ng
RT: 9.52 min Scan# 1298
Delta R.T. 0.19 min
Lab File: BF097095.D
Acq: 27 Jul 2017 00:29

Tgt Ion:165 Resp: 21520
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.6 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

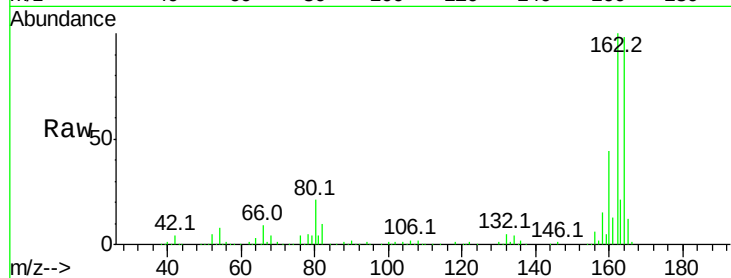




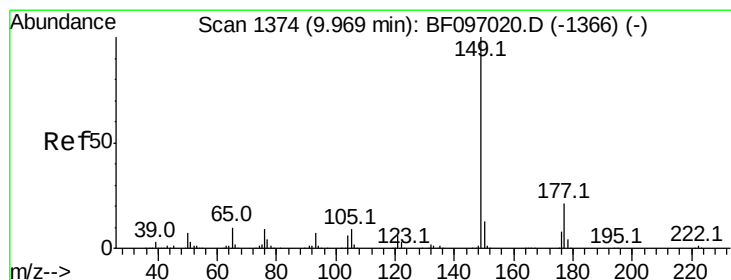
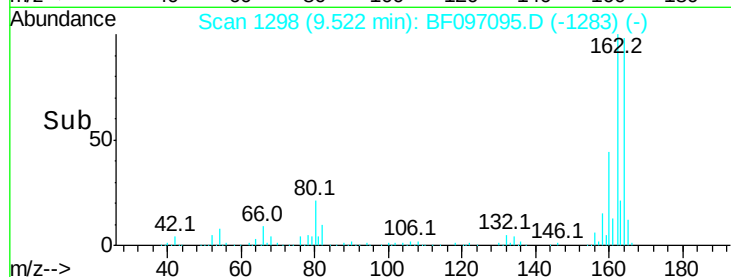
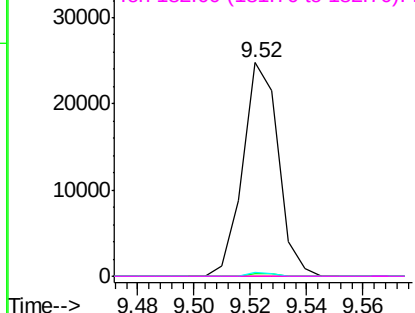
#56
2,4-Dinitrotoluene
Concen: 7.003 ng
RT: 9.52 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF097095.D
Acq: 27 Jul 2017 00:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 21520
Ion Ratio Lower Upper
165 100
63 1.4 25.4 38.0#
89 1.6 46.4 69.6#
182 0.0 1.8 2.6#

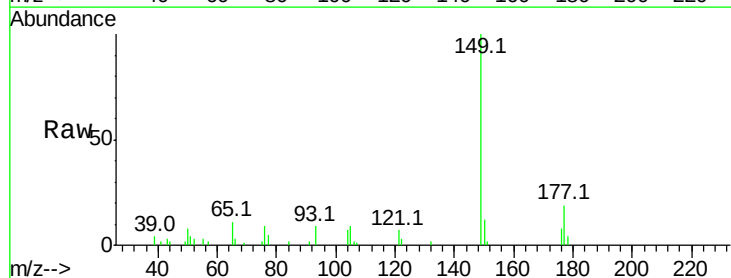


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

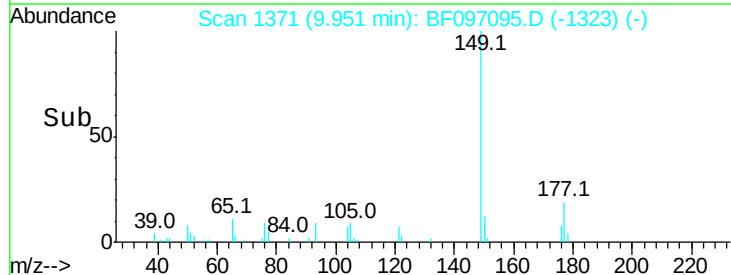
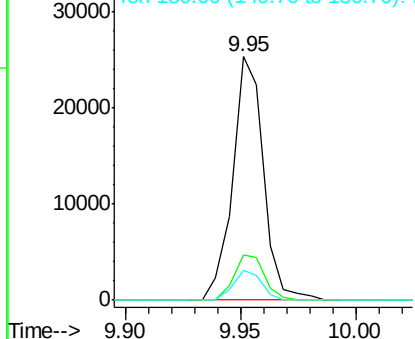


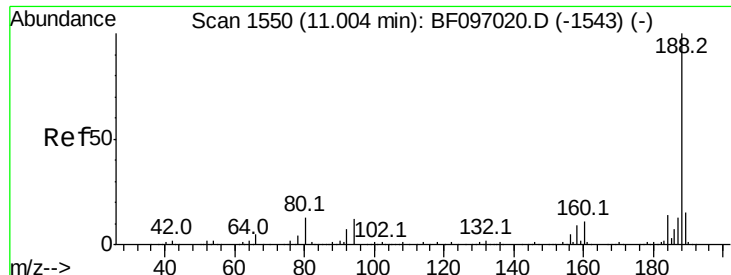
#59
Diethylphthalate
Concen: 2.032 ng
RT: 9.95 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF097095.D
Acq: 27 Jul 2017 00:29

Tgt Ion:149 Resp: 23498
Ion Ratio Lower Upper
149 100
177 18.7 16.7 25.1
150 12.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

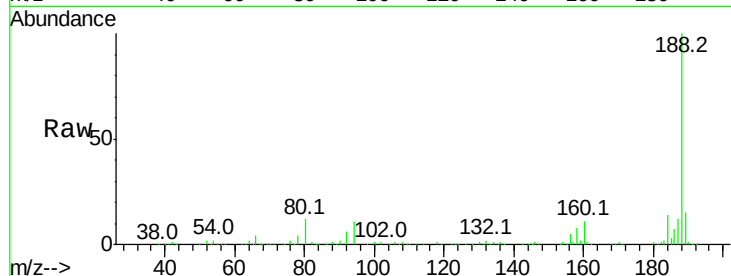




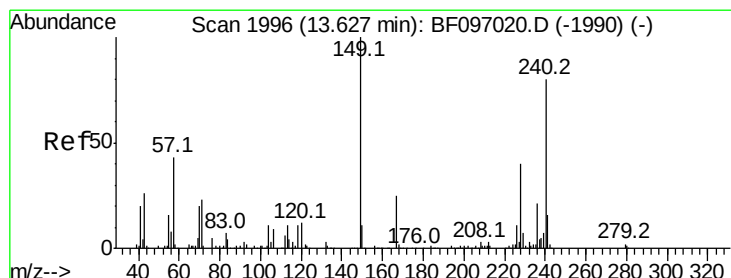
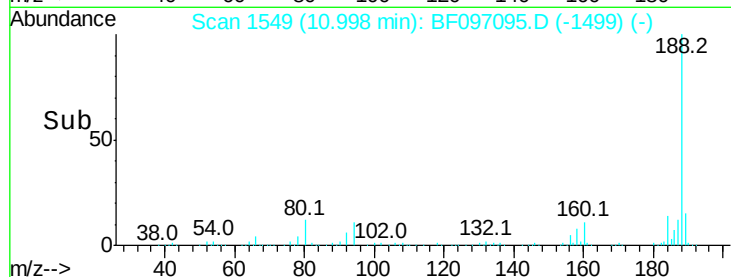
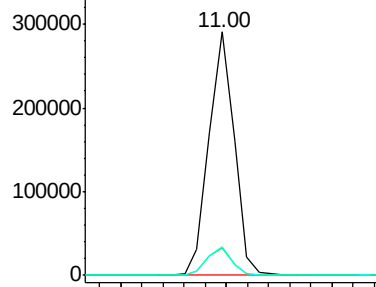
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.00 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF097095.D
 Acq: 27 Jul 2017 00:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 240864
 Ion Ratio Lower Upper
 188 100
 94 11.4 9.4 14.2
 80 11.7 10.2 15.2

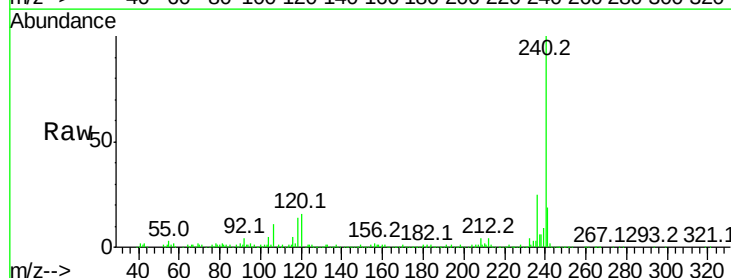


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

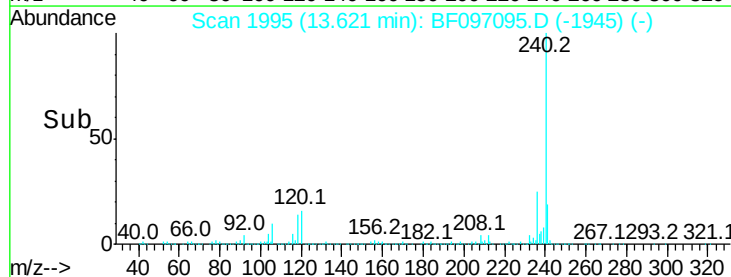
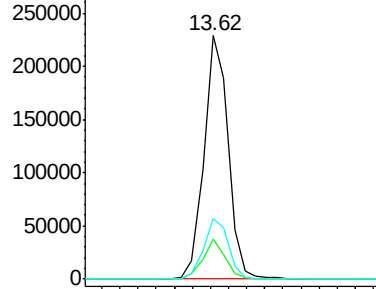


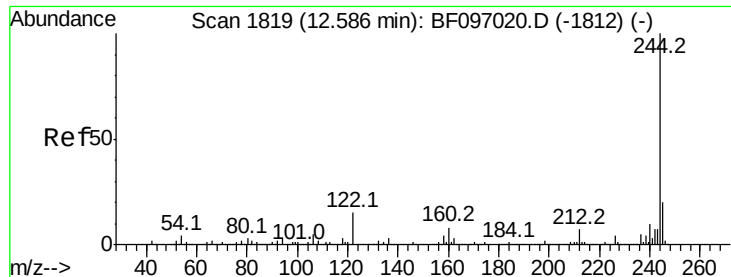
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.62 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF097095.D
 Acq: 27 Jul 2017 00:29

Tgt Ion:240 Resp: 211659
 Ion Ratio Lower Upper
 240 100
 120 16.4 5.8 8.8#
 236 25.1 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: 4.909 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF097095.D

Acq: 27 Jul 2017 00:29

Instrument :

BNA_F

ClientSampleId :

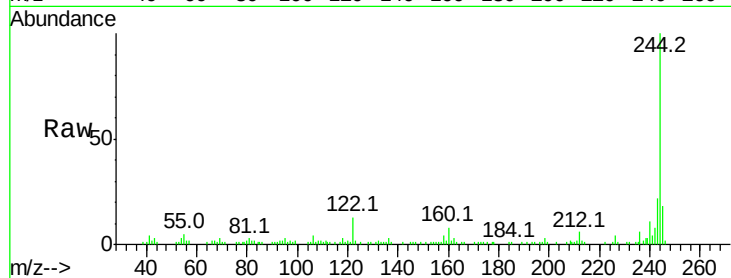
Tot Ion:244 Resp: 50958

Ion Ratio Lower Upper

244 100

212 6.2 6.0 9.0

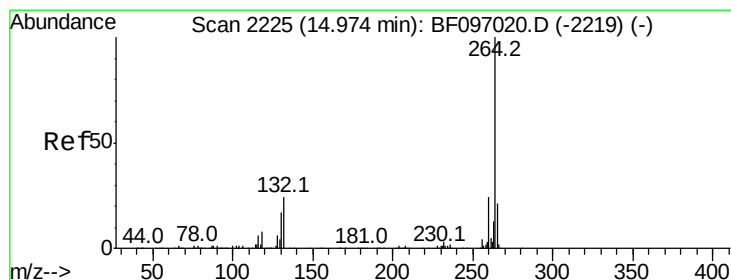
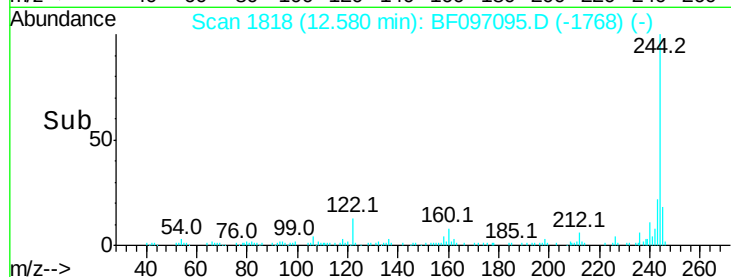
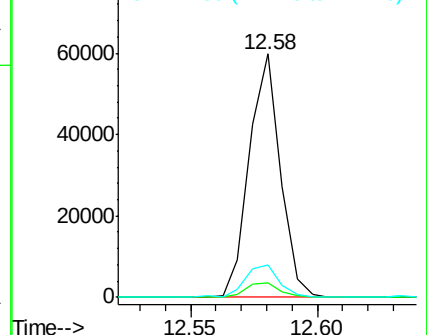
122 13.1 10.3 15.5



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: BF097095.D

Acq: 27 Jul 2017 00:29

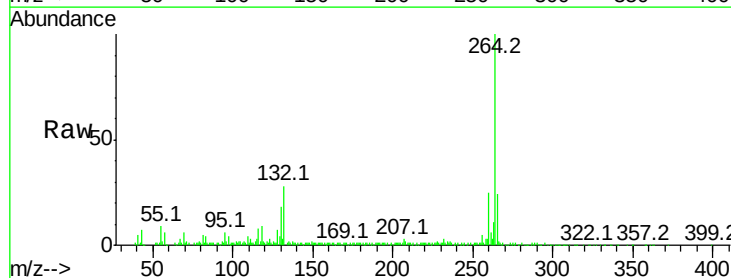
Tgt Ion:264 Resp: 138314

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 23.7 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

