

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097135.D
 Acq On : 27 Jul 2017 21:09
 Operator : SJ/JU
 Sample : I4442-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12018-COMP

Quant Time: Jul 28 00:45:11 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

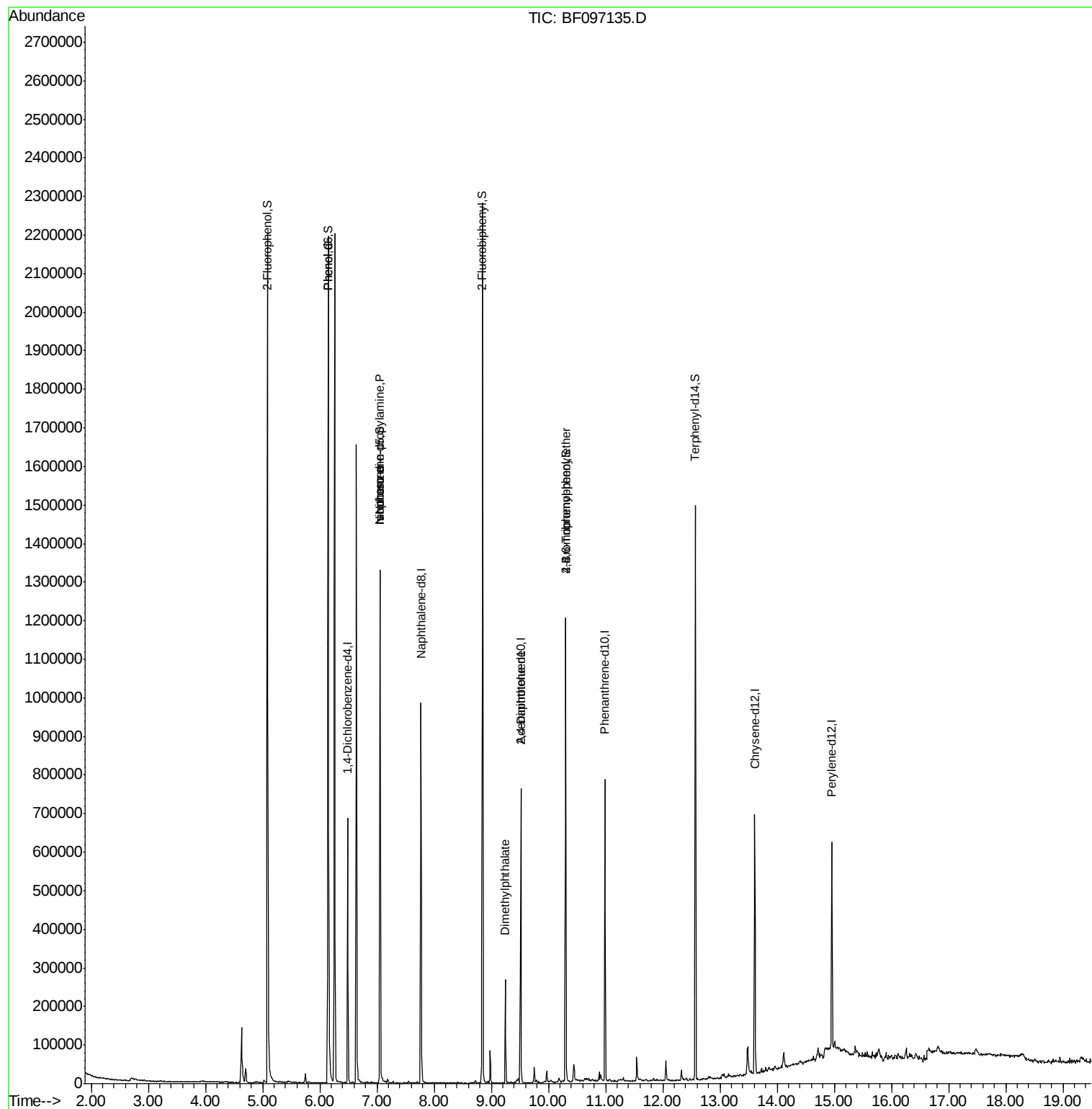
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	96579	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	421521	20.00	ng	-0.02
38) Acenaphthene-d10	9.51	164	161905	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	257465	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	205745	20.00	ng	-0.02
86) Perylene-d12	14.96	264	200383	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	658984	102.86	ng	-0.01
7) Phenol-d6	6.15	99	765088	104.61	ng	-0.02
23) Nitrobenzene-d5	7.05	82	415585	57.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	128192	100.21	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	744530	78.04	ng	-0.02
78) Terphenyl-d14	12.57	244	467114	46.29	ng	-0.02
Target Compounds						
10) Phenol	6.16	94	24627	2.84	ng	# 62
19) n-Nitroso-di-n-propylamine	7.05	70	55582	11.55	ng	# 87
25) Isophorone	7.05	82	411769	29.26	ng	# 67
49) Dimethylphthalate	9.25	163	97484	7.93	ng	99
56) 2,4-Dinitrotoluene	9.51	165	20373	6.80	ng	# 31
66) 4-Bromophenyl-phenylether	10.30	248	8396	3.27	ng	# 1

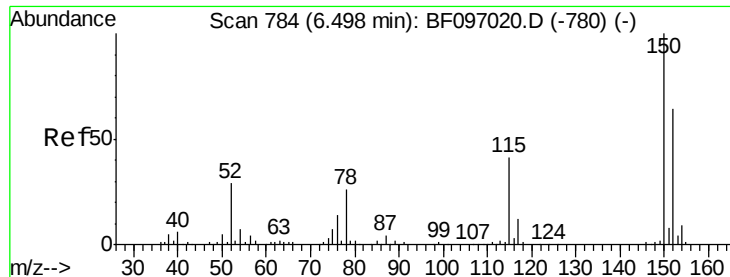
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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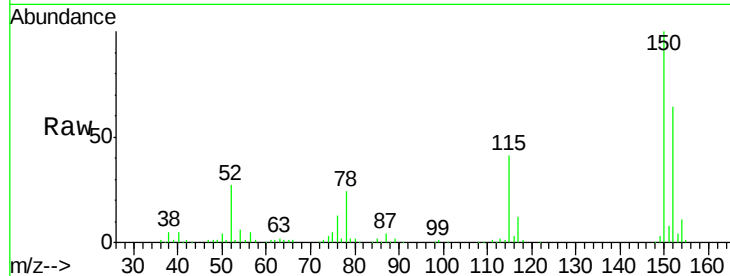


#1

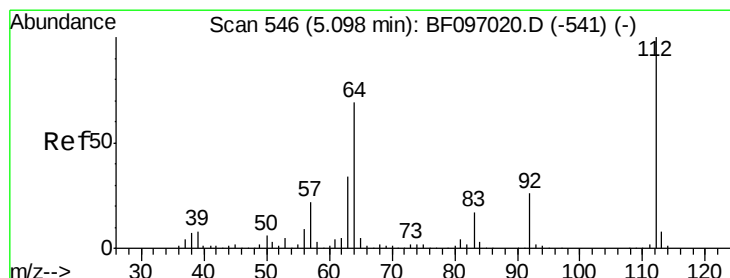
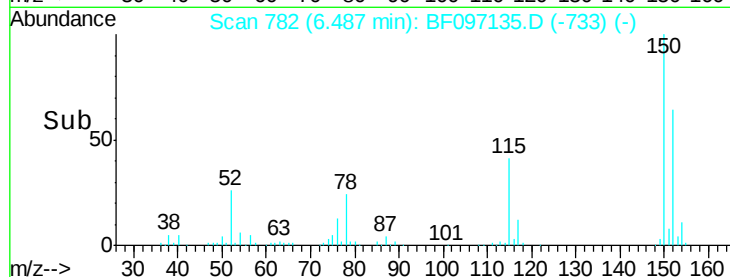
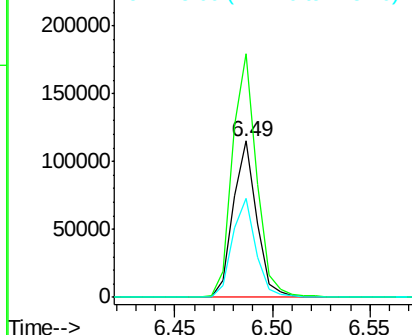
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097135.D
Acq: 27 Jul 2017 21:09

Instrument :
BNA_F
ClientSampleId :
72-12018-COMP

Tot Ion:152 Resp: 96579
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.2
115 63.1 52.2 78.2



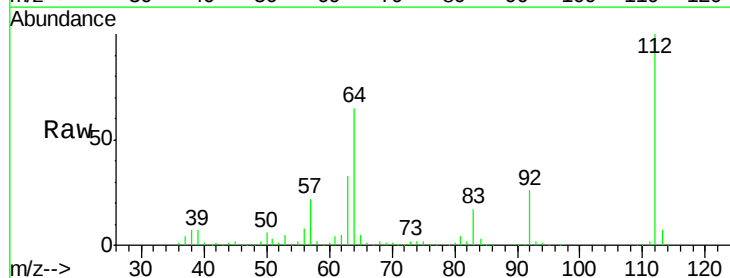
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



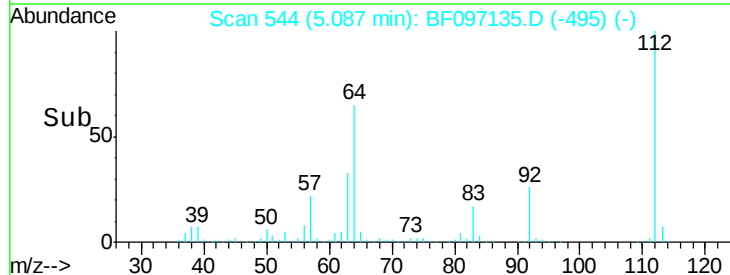
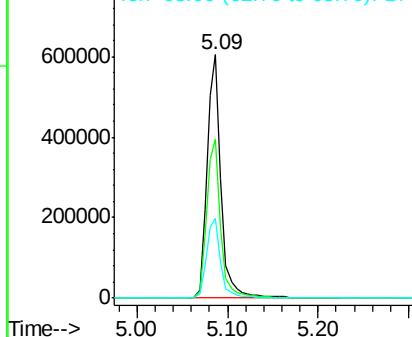
#5

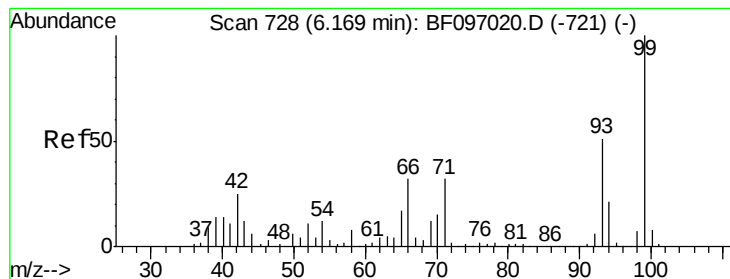
2-Fluorophenol
Concen: 102.86 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097135.D
Acq: 27 Jul 2017 21:09

Tgt Ion:112 Resp: 658984
Ion Ratio Lower Upper
112 100
64 65.3 46.0 69.0
63 32.9 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: 104.61 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097135.D

Acq: 27 Jul 2017 21:09

Instrument :

BNA_F

ClientSampleId :

72-12018-COMP

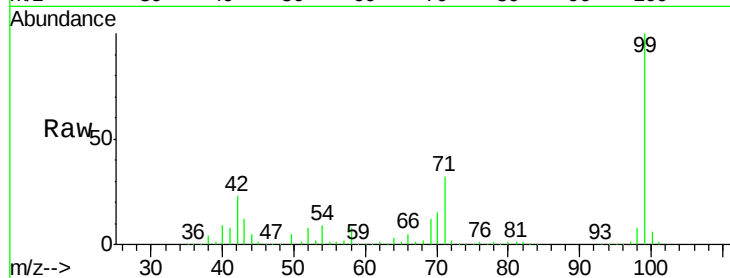
Tot Ion: 99 Resp: 765088

Ion Ratio Lower Upper

99 100

42 22.8 13.5 20.3#

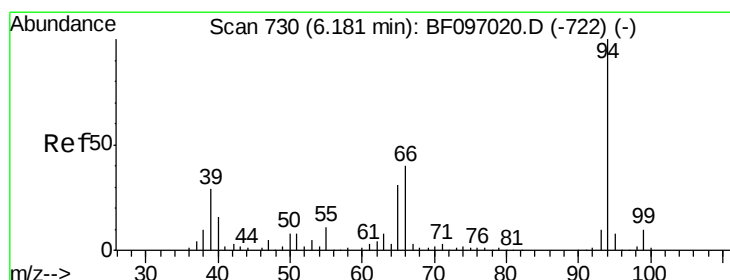
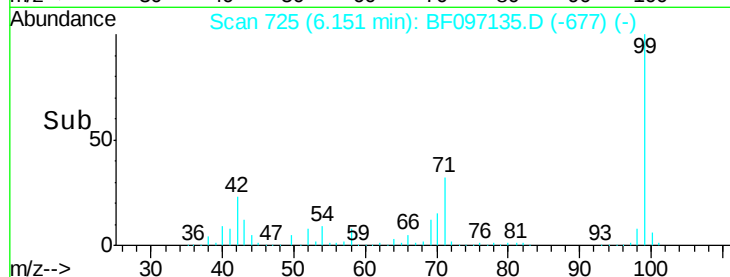
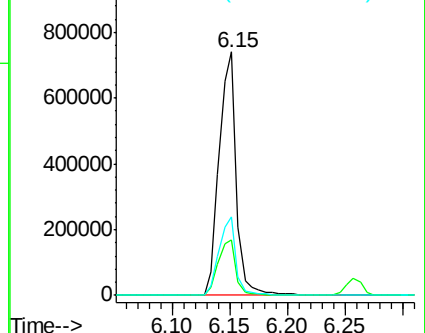
71 32.3 24.5 36.7



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



#10

Phenol

Concen: 2.84 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF097135.D

Acq: 27 Jul 2017 21:09

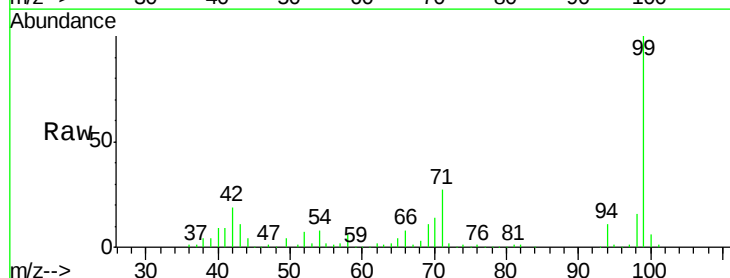
Tgt Ion: 94 Resp: 24627

Ion Ratio Lower Upper

94 100

65 40.0 9.9 49.9

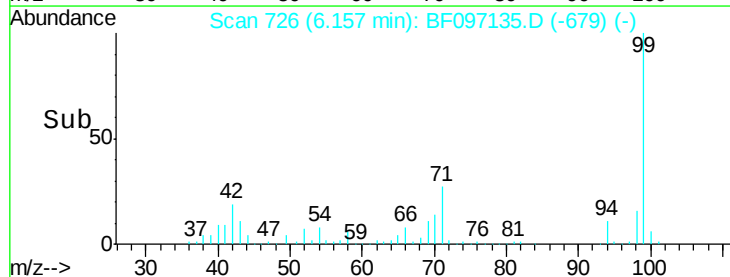
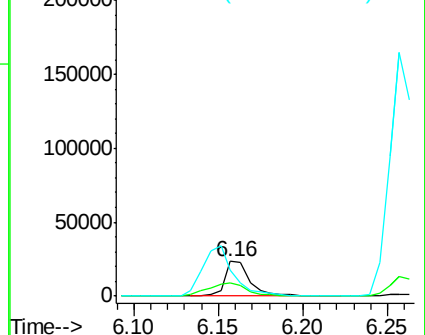
66 75.7 23.1 63.1#

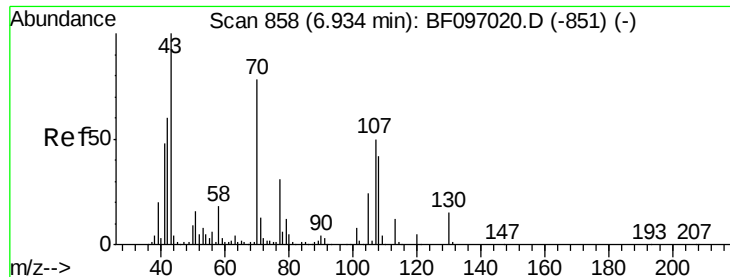


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

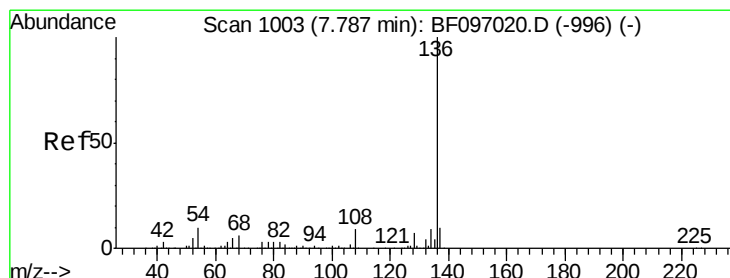
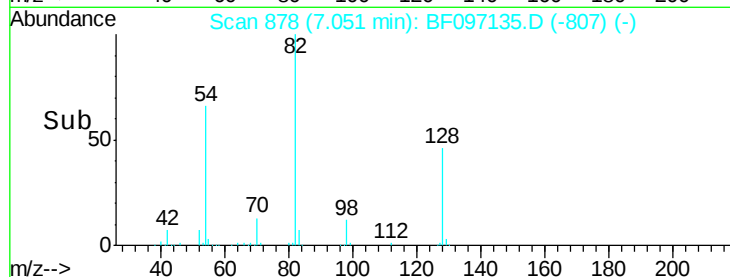
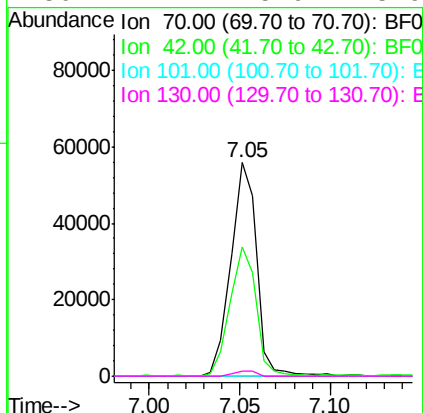
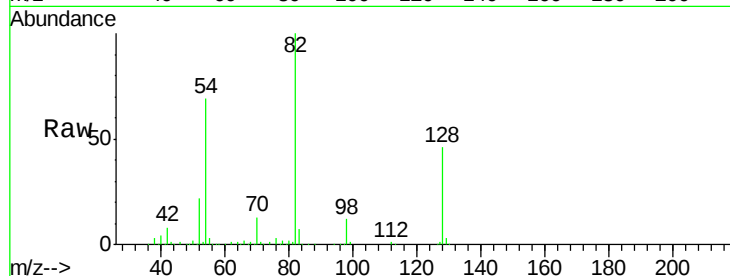




#19
n-Nitroso-di-n-propylamine
Concen: 11.55 ng
RT: 7.05 min Scan# 878
Delta R.T. 0.12 min
Lab File: BF097135.D
Acq: 27 Jul 2017 21:09

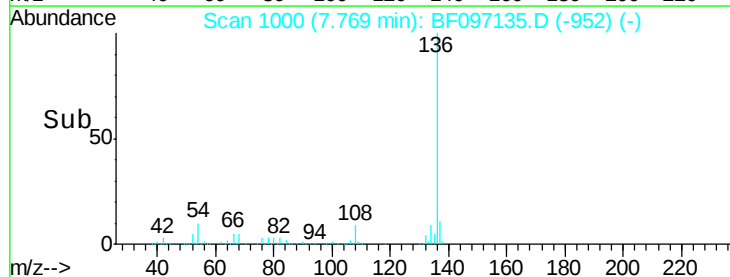
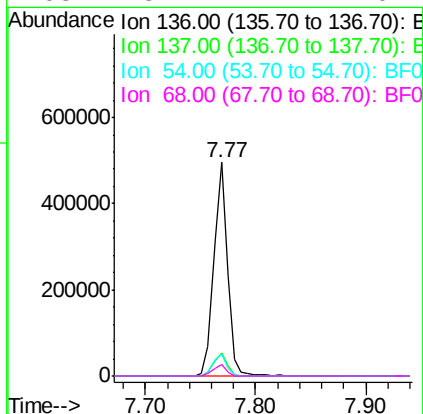
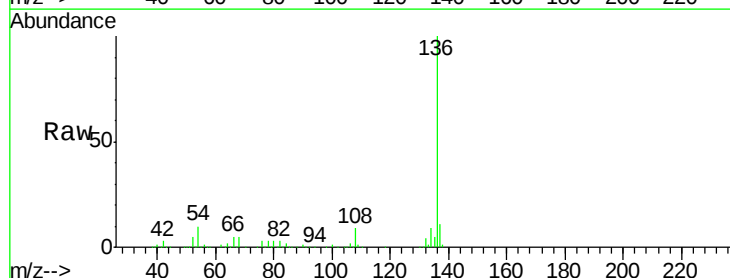
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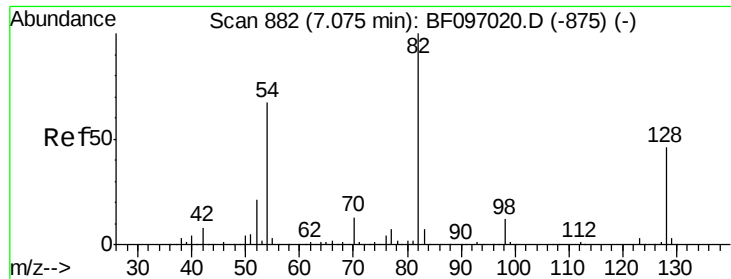
Tot Ion: 70 Resp: 55582
Ion Ratio Lower Upper
70 100
42 60.8 47.2 70.8
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097135.D
Acq: 27 Jul 2017 21:09

Tgt Ion:136 Resp: 421521
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 10.1 4.9 7.3#
68 5.2 4.1 6.1

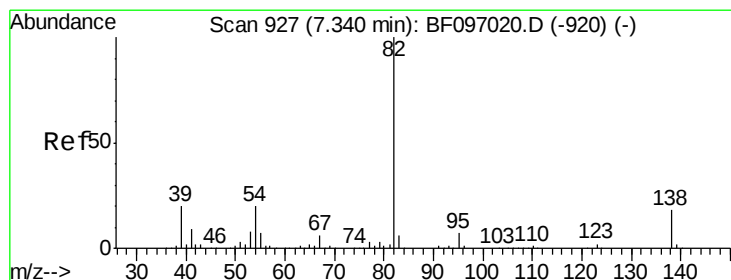
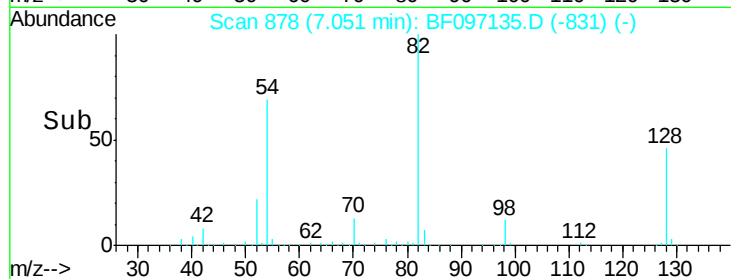
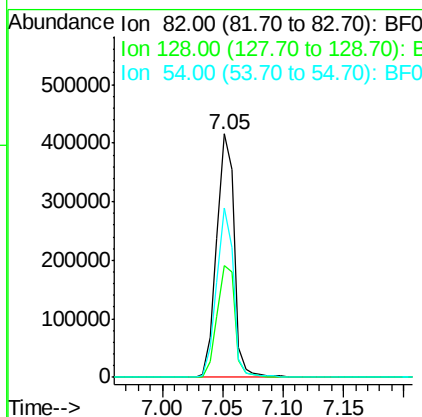
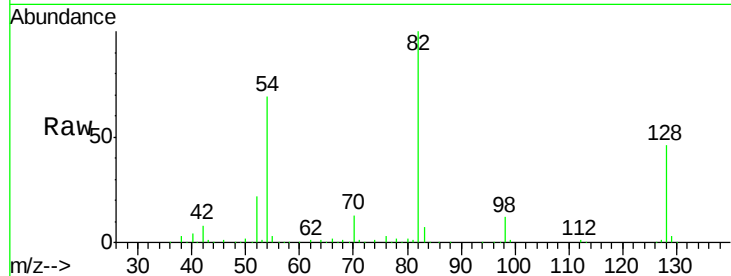




#23
 Nitrobenzene-d5
 Concen: 57.84 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF097135.D
 Acq: 27 Jul 2017 21:09

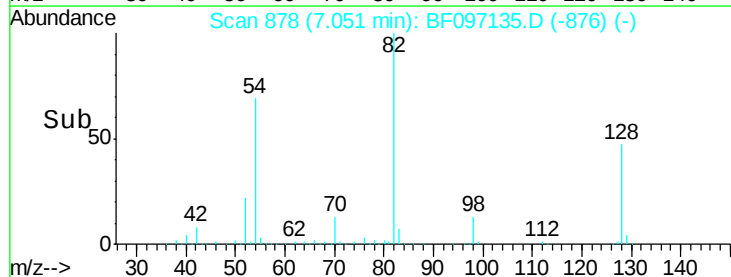
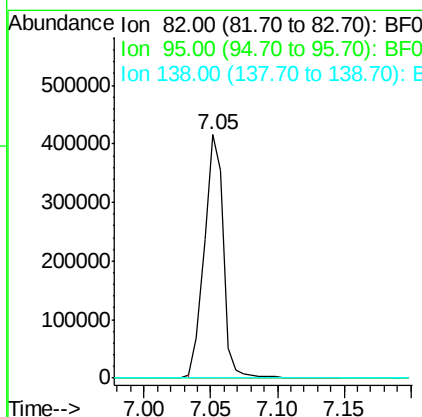
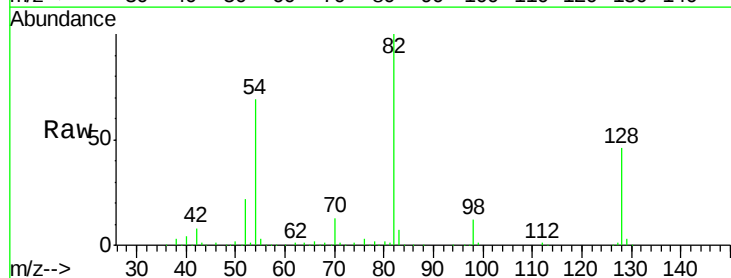
Instrument :
 BNA_F
 ClientSampleId :
 72-12018-COMP

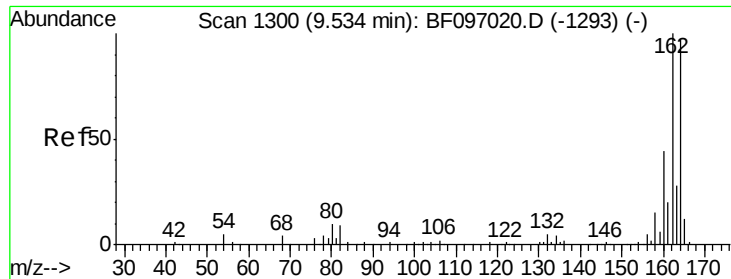
Tot Ion	82	Resp	415585
Ion Ratio	Lower	Upper	
82	100		
128	45.7	34.0	51.0
54	69.4	42.2	63.2#



#25
 Isophorone
 Concen: 29.26 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.29 min
 Lab File: BF097135.D
 Acq: 27 Jul 2017 21:09

Tgt Ion	82	Resp	411769
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

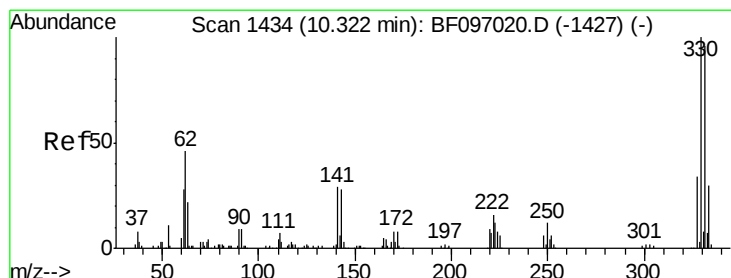
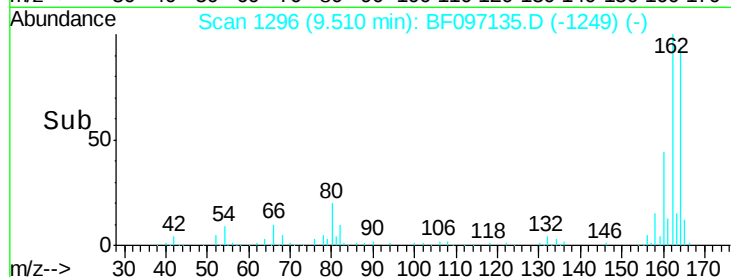
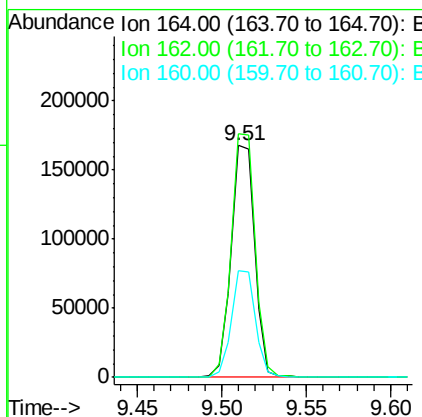
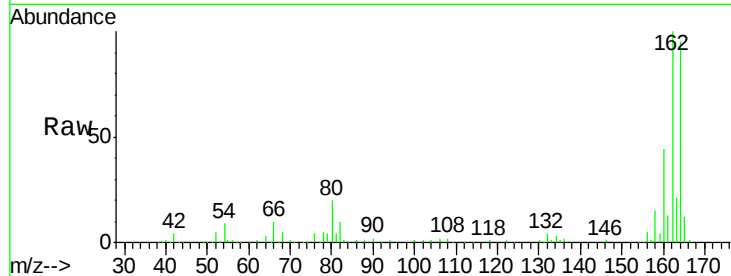




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BF097135.D
 Acq: 27 Jul 2017 21:09

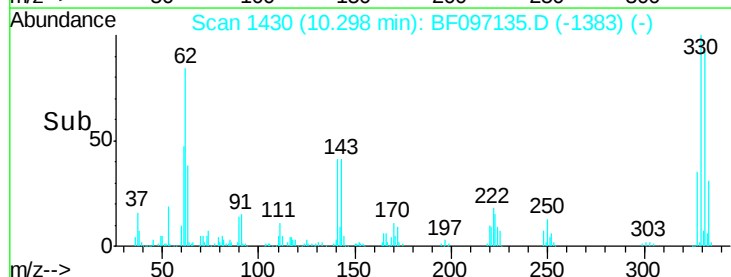
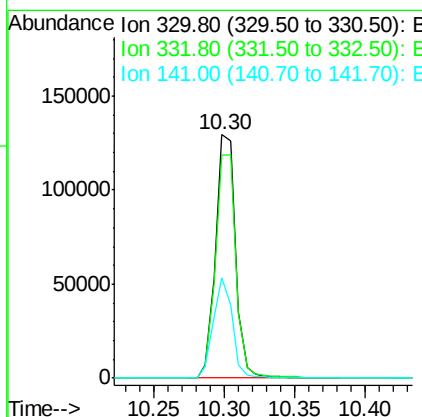
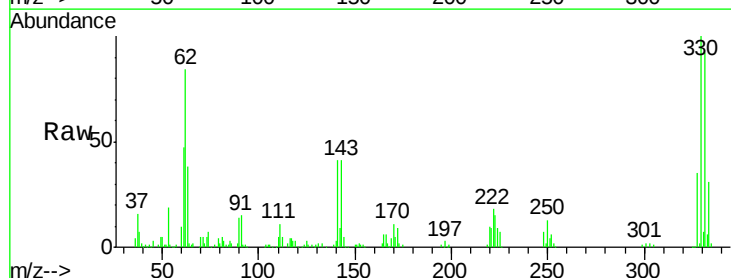
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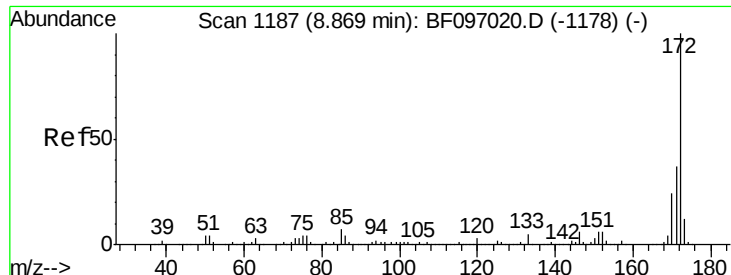
Tot Ion:164 Resp: 161905
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.6 123.8
 160 46.0 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 100.21 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097135.D
 Acq: 27 Jul 2017 21:09

Tgt Ion:330 Resp: 128192
 Ion Ratio Lower Upper
 330 100
 332 93.7 76.6 115.0
 141 39.1 31.4 47.2

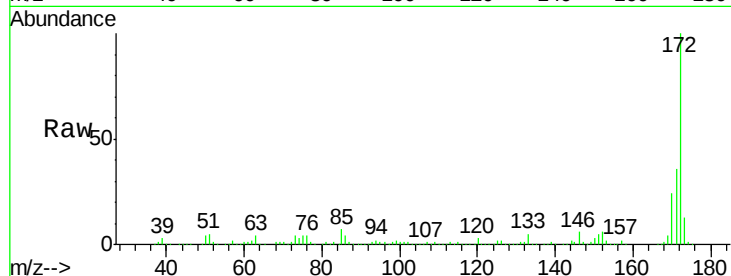




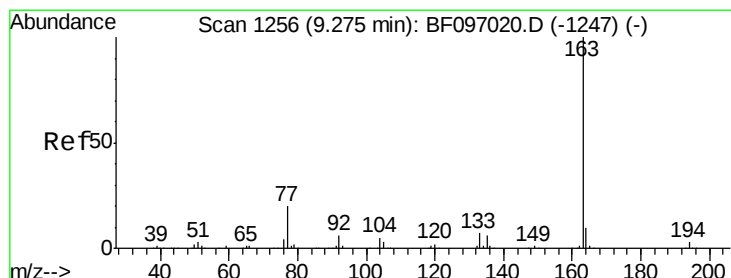
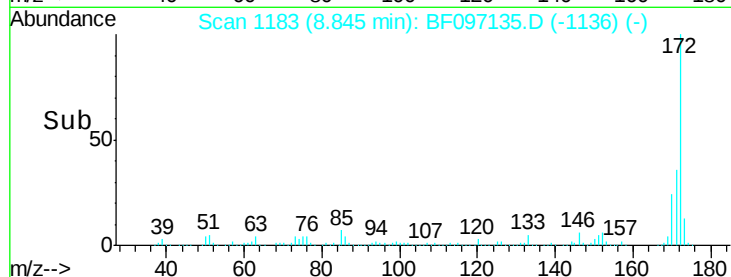
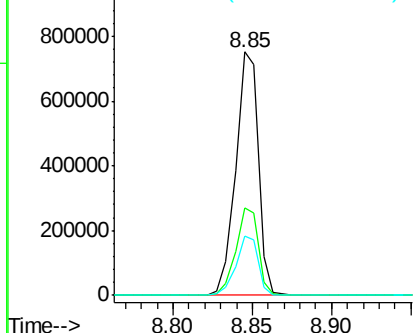
#44
 2-Fluorobiphenyl
 Concen: 78.04 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF097135.D
 Acq: 27 Jul 2017 21:09

Instrument :
 BNA_F
 ClientSampleId :
 72-12018-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.4	19.8	29.8

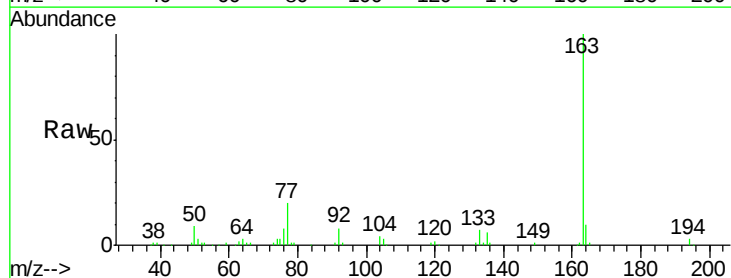


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

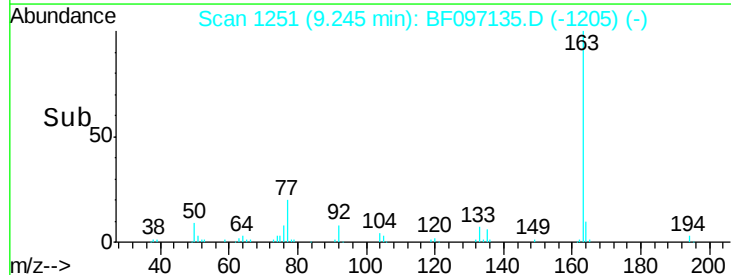
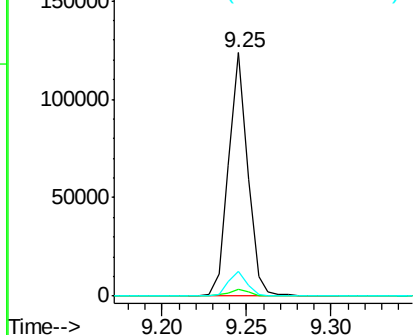


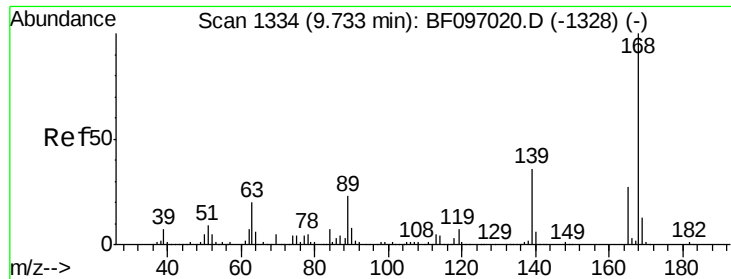
#49
 Dimethylphthalate
 Concen: 7.93 ng
 RT: 9.25 min Scan# 1251
 Delta R.T. -0.03 min
 Lab File: BF097135.D
 Acq: 27 Jul 2017 21:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	9.9	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 6.80 ng

RT: 9.51 min Scan# 1296

Delta R.T. -0.22 min

Lab File: BF097135.D

Acq: 27 Jul 2017 21:09

Instrument :

BNA_F

ClientSampleId :

72-12018-COMP

Tot Ion:165 Resp: 20373

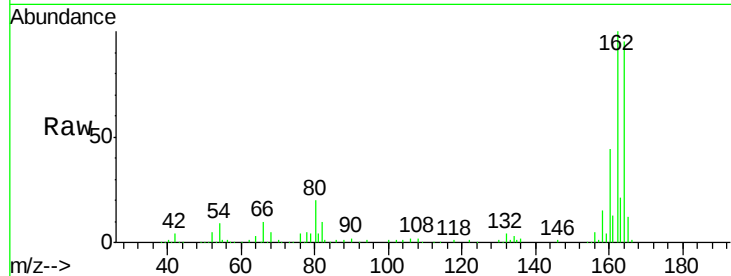
Ion Ratio Lower Upper

165 100

63 0.0 25.4 38.0#

89 0.0 46.4 69.6#

182 0.0 1.8 2.6#

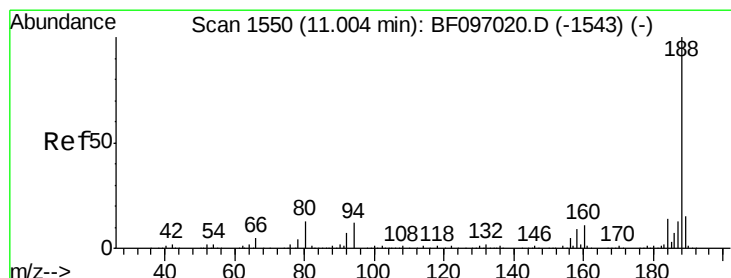
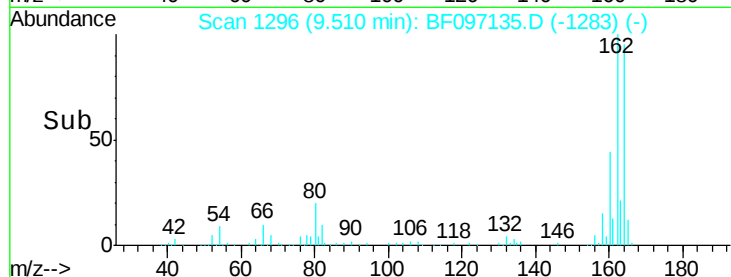
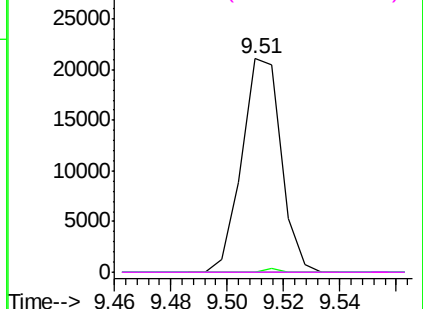


Abundance Ion 165.00 (164.70 to 165.70): E

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.99 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF097135.D

Acq: 27 Jul 2017 21:09

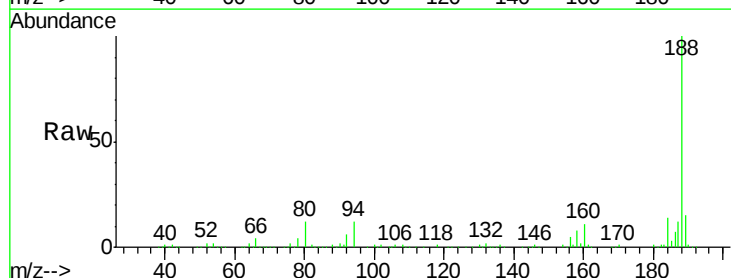
Tgt Ion:188 Resp: 257465

Ion Ratio Lower Upper

188 100

94 12.0 9.4 14.2

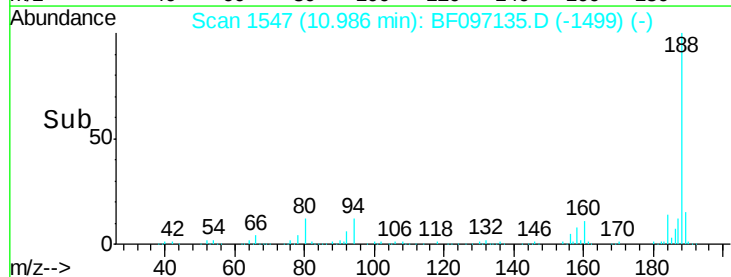
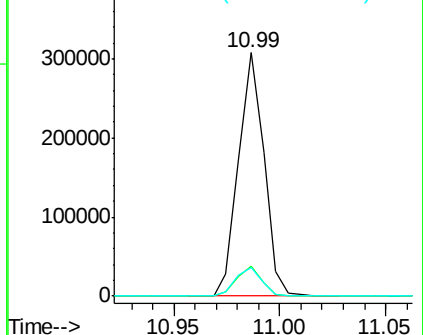
80 11.7 10.2 15.2

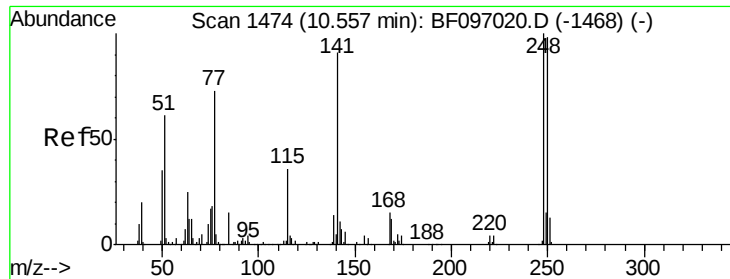


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

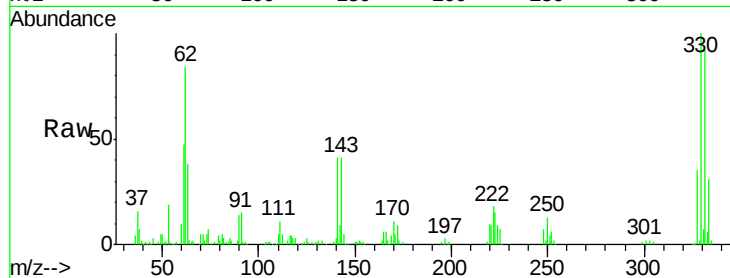




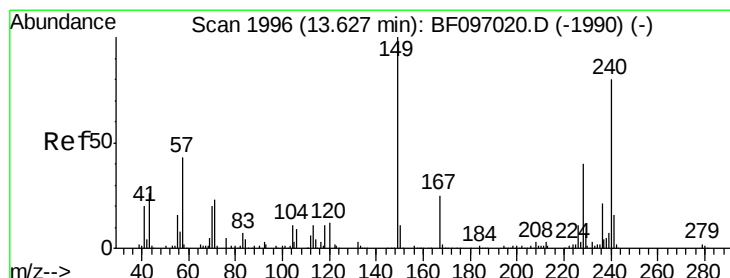
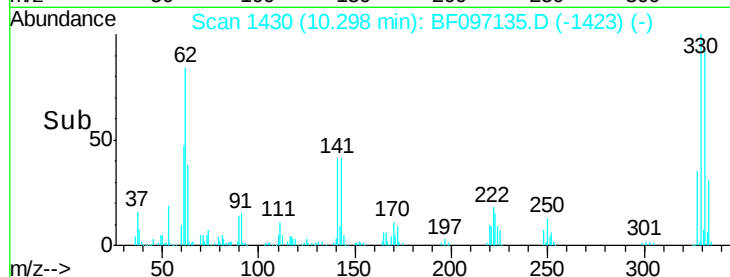
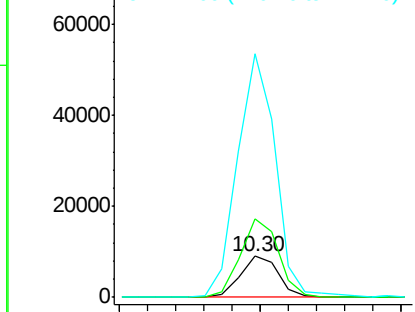
#66
 4-Bromophenyl-phenylether
 Concen: 3.27 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.26 min
 Lab File: BF097135.D
 Acq: 27 Jul 2017 21:09

Instrument :
 BNA_F
 ClientSampleId :
 72-12018-COMP

Tot Ion:248 Resp: 8396
 Ion Ratio Lower Upper
 248 100
 250 191.0 76.8 115.2#
 141 591.0 68.6 103.0#

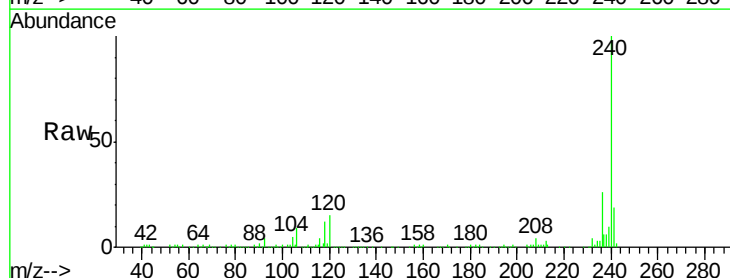


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

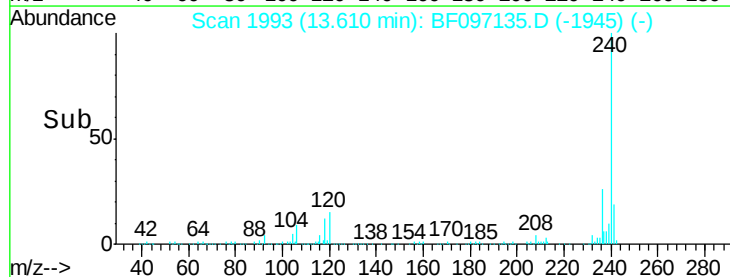
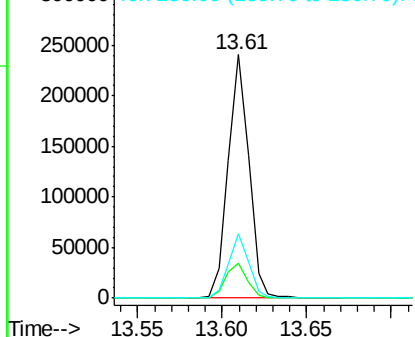


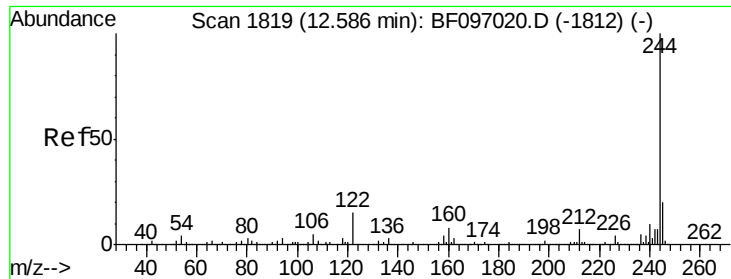
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.61 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF097135.D
 Acq: 27 Jul 2017 21:09

Tgt Ion:240 Resp: 205745
 Ion Ratio Lower Upper
 240 100
 120 14.5 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

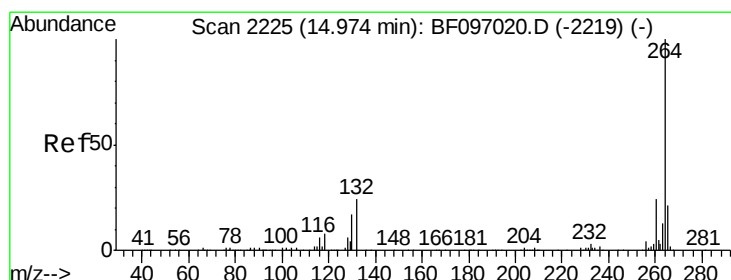
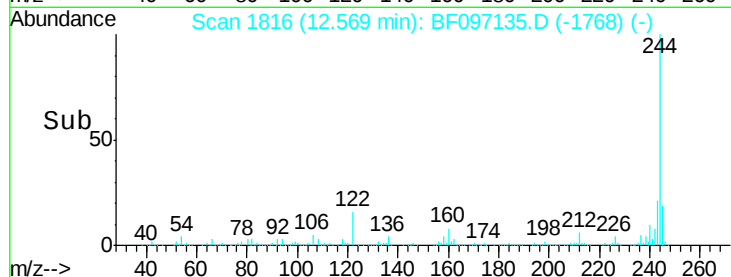
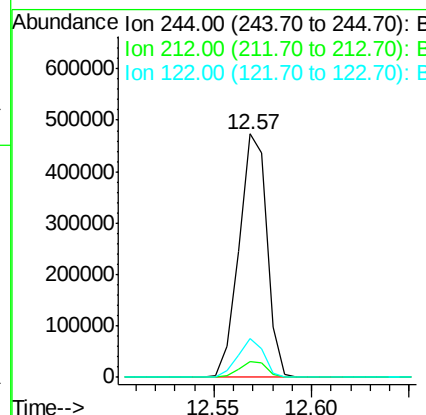
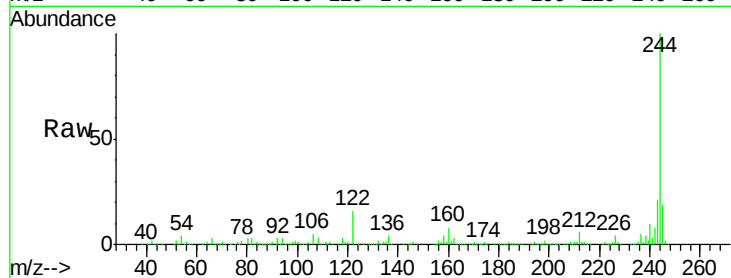




#78
 Terphenyl-d14
 Concen: 46.29 ng
 RT: 12.57 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF097135.D
 Acq: 27 Jul 2017 21:09

Instrument :
 BNA_F
 ClientSampleId :
 72-12018-COMP

Tot Ion:244 Resp: 467114
 Ion Ratio Lower Upper
 244 100
 212 6.3 6.0 9.0
 122 16.1 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF097135.D
 Acq: 27 Jul 2017 21:09

Tgt Ion:264 Resp: 200383
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.5 17.2 25.8

