

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097266.D
 Acq On : 2 Aug 2017 10:41
 Operator : SJ/JU
 Sample : I4512-01RE
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 11:41:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 11:39:11 2017
 Response via : Initial Calibration

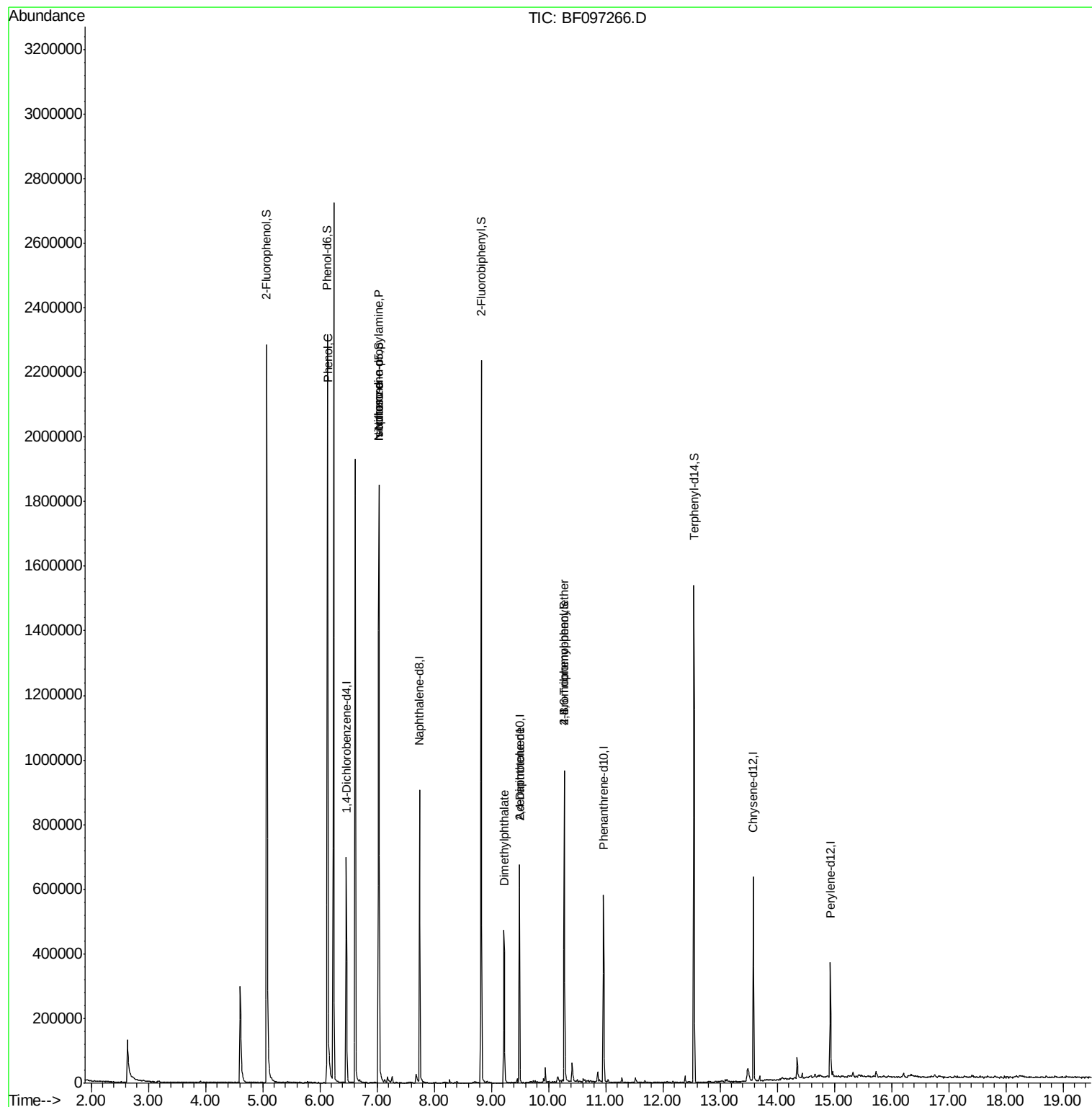
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	101356	20.00	ng	0.00
21) Naphthalene-d8	7.75	136	388236	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	134946	20.00	ng	0.00
63) Phenanthrene-d10	10.96	188	199618	20.00	ng	0.00
75) Chrysene-d12	13.59	240	199060	20.00	ng	0.00
86) Perylene-d12	14.93	264	145736	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	755968	112.44	ng	0.00
7) Phenol-d6	6.13	99	865857	112.81	ng	-0.01
23) Nitrobenzene-d5	7.03	82	555421	83.93	ng	0.00
41) 2,4,6-Tribromophenol	10.28	330	111507	104.58	ng	0.00
44) 2-Fluorobiphenyl	8.83	172	720485	90.61	ng	0.00
78) Terphenyl-d14	12.54	244	442919	45.37	ng	0.00
Target Compounds						
10) Phenol	6.15	94	39116	4.296	ng	96
19) n-Nitroso-di-n-propylamine	7.03	70	74123	14.671	ng	# 88
25) Isophorone	7.03	82	555418	42.855	ng	# 67
49) Dimethylphthalate	9.22	163	192244	18.760	ng	100
56) 2,4-Dinitrotoluene	9.49	165	17113	6.849	ng	# 32
66) 4-Bromophenyl-phenylether	10.28	248	7394	3.712	ng	# 1

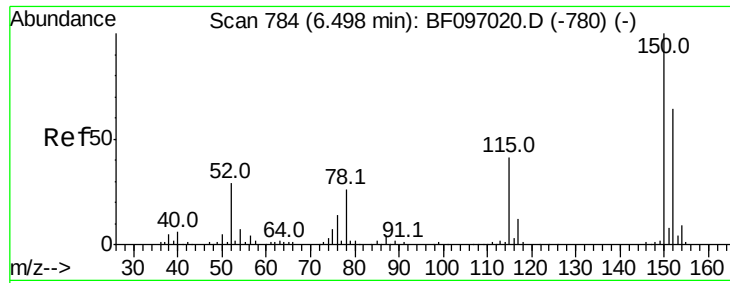
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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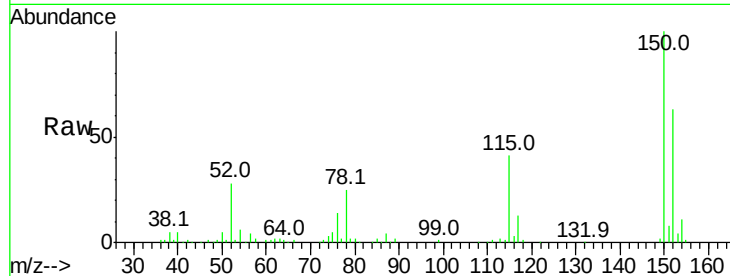


#1

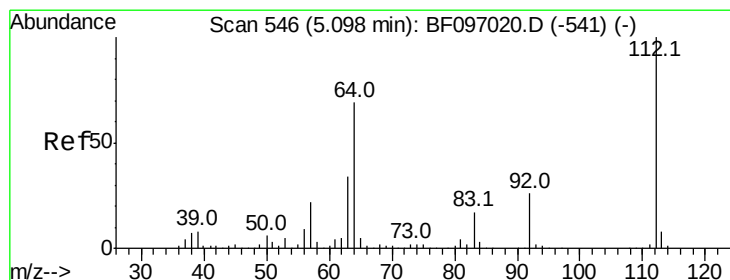
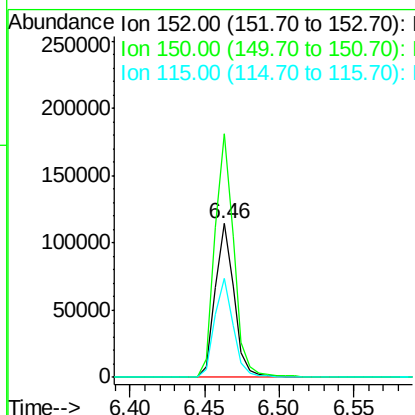
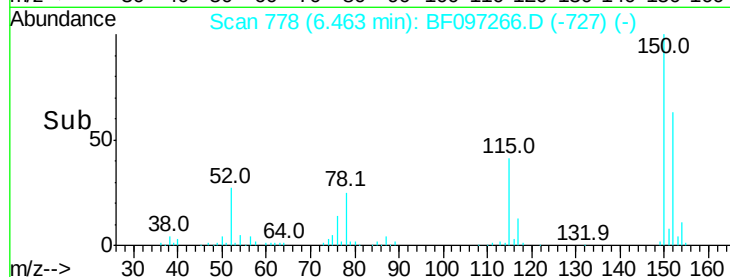
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.46 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF097266.D
Acq: 2 Aug 2017 10:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 101356
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.2
115 64.7 52.2 78.2



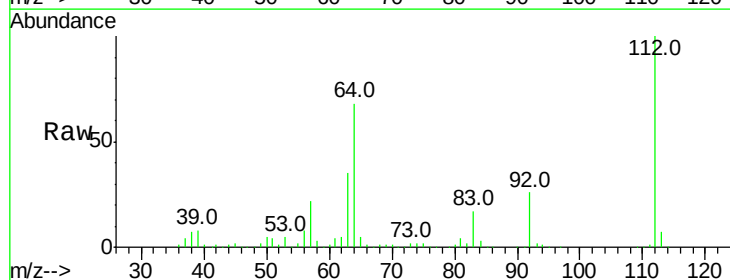
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



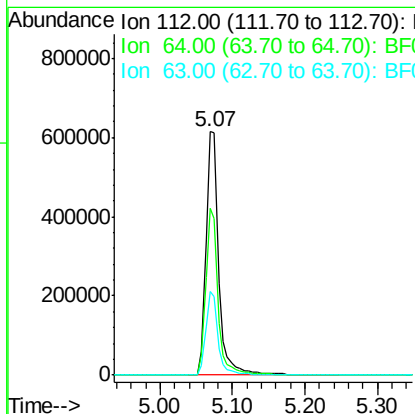
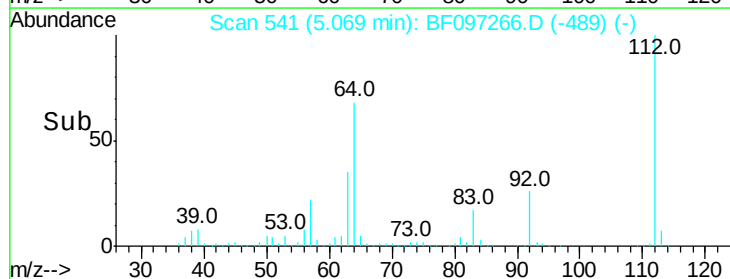
#5

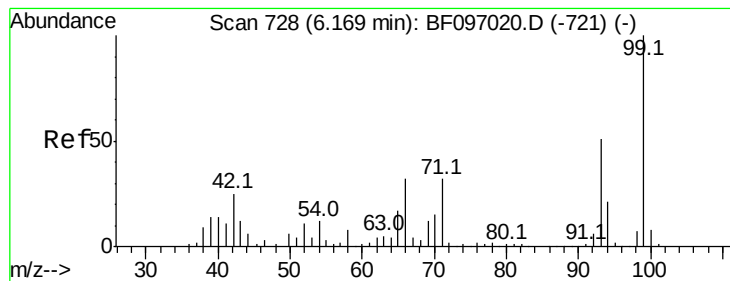
2-Fluorophenol
Concen: 112.437 ng
RT: 5.07 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF097266.D
Acq: 2 Aug 2017 10:41

Tgt Ion:112 Resp: 755968
Ion Ratio Lower Upper
112 100
64 68.5 46.0 69.0
63 34.6 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: 112.805 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF097266.D

Acq: 2 Aug 2017 10:41

Instrument :

BNA_F

ClientSampled :

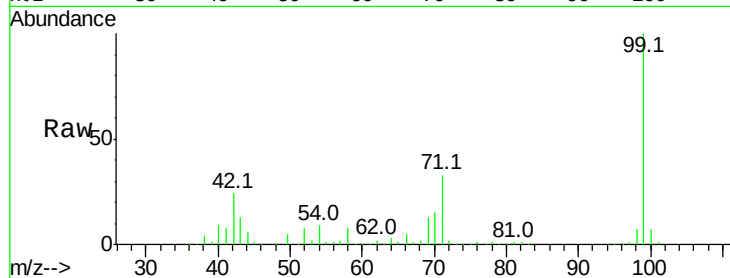
Tot Ion: 99 Resp: 865857

Ion Ratio Lower Upper

99 100

42 24.1 13.5 20.3#

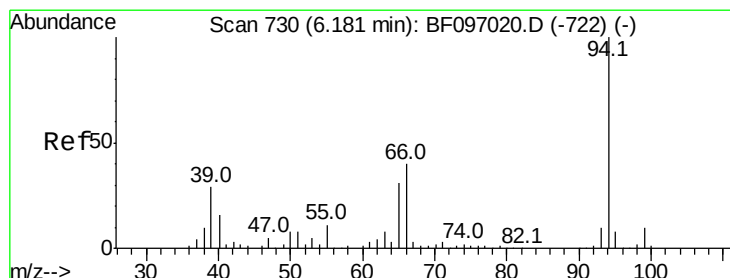
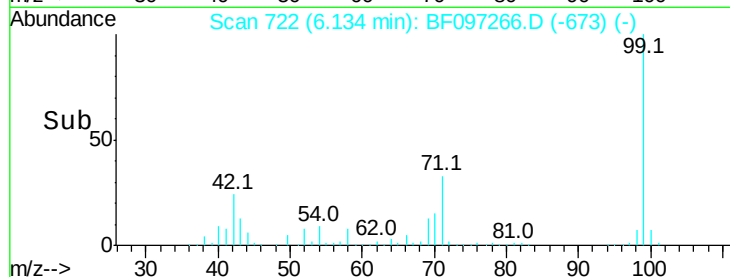
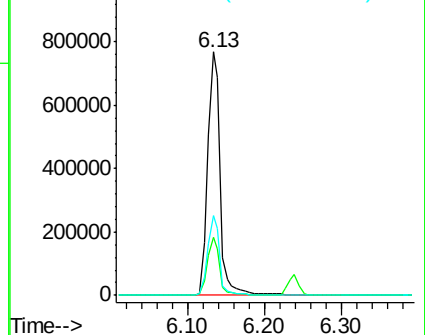
71 32.9 24.5 36.7



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: 4.296 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF097266.D

Acq: 2 Aug 2017 10:41

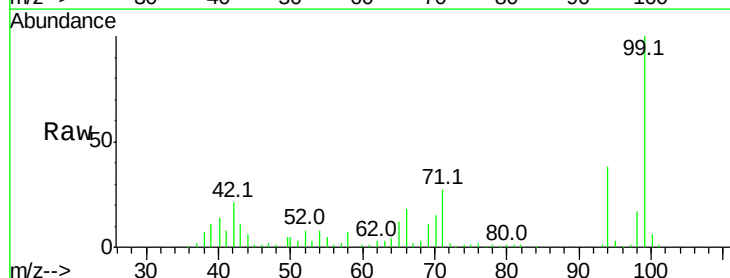
Tgt Ion: 94 Resp: 39116

Ion Ratio Lower Upper

94 100

65 31.1 9.9 49.9

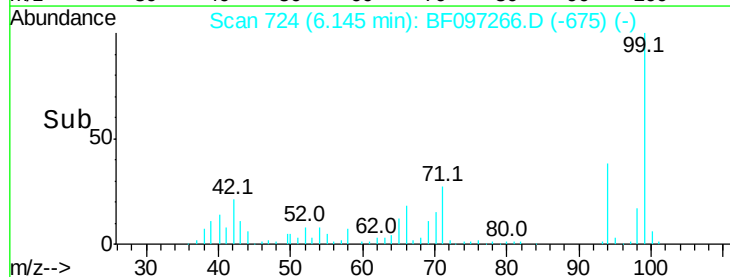
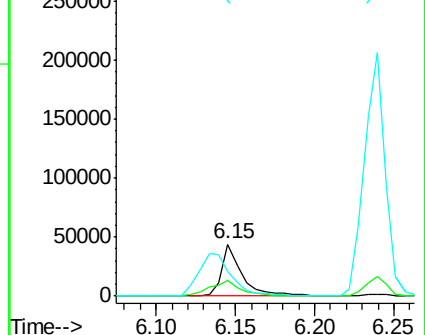
66 46.9 23.1 63.1

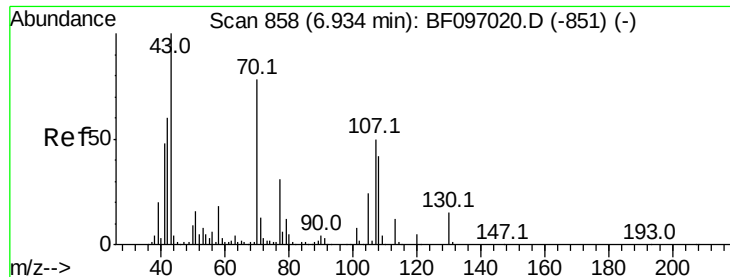


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

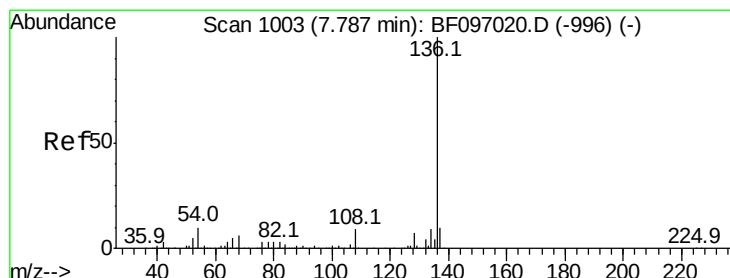
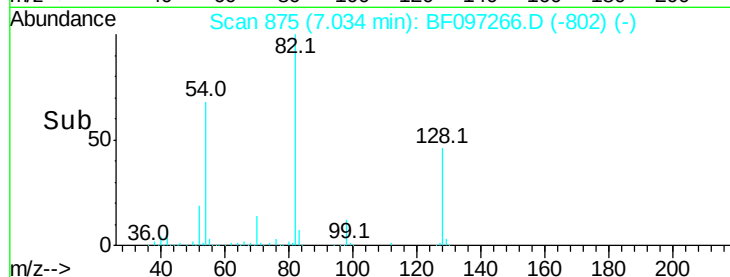
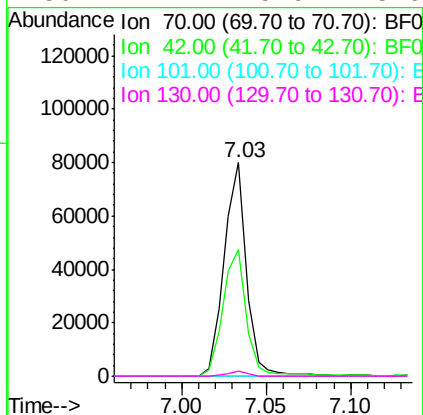
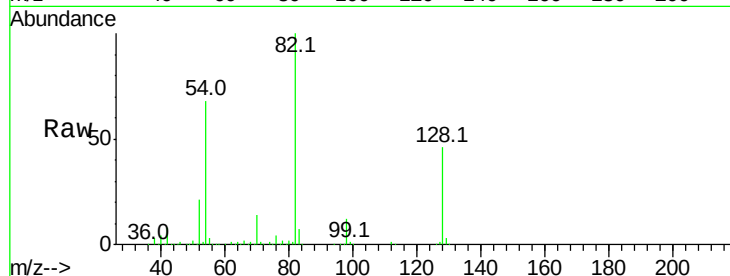




#19
n-Nitroso-di-n-propylamine
Concen: 14.671 ng
RT: 7.03 min Scan# 875
Delta R.T. 0.13 min
Lab File: BF097266.D
Acq: 2 Aug 2017 10:41

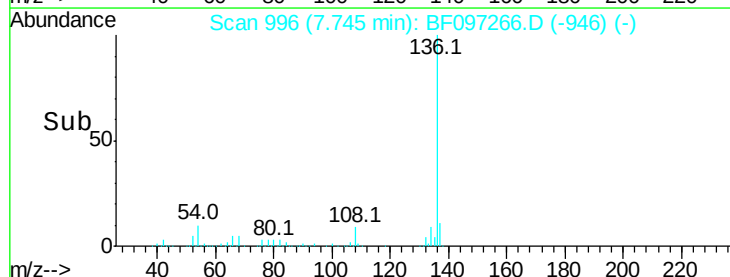
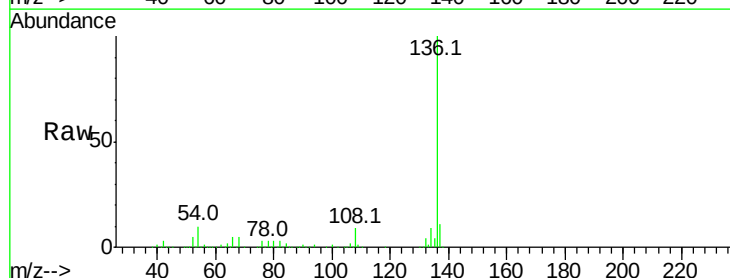
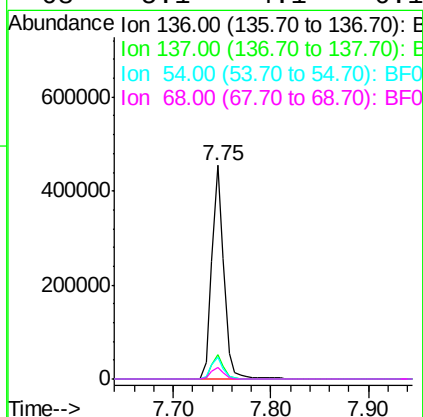
Instrument :
BNA_F
ClientSampleId :

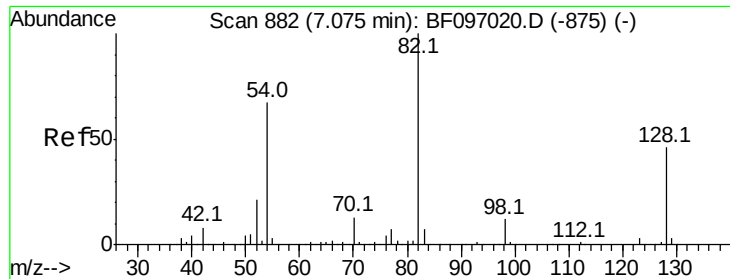
Tot Ion: 70 Resp: 74123
Ion Ratio Lower Upper
70 100
42 59.6 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.75 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF097266.D
Acq: 2 Aug 2017 10:41

Tgt Ion:136 Resp: 388236
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.1 4.9 7.3#
68 5.1 4.1 6.1

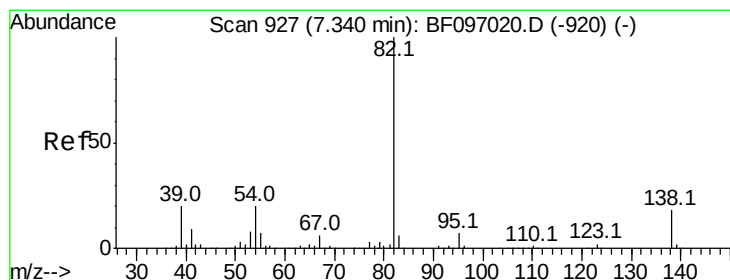
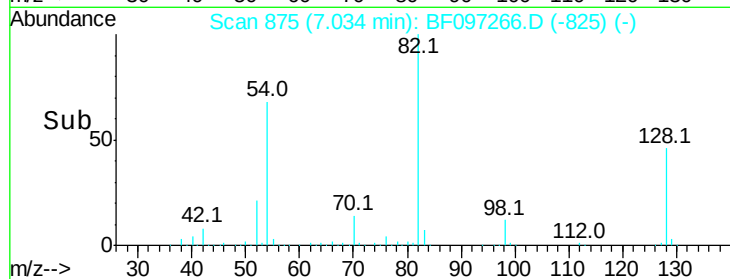
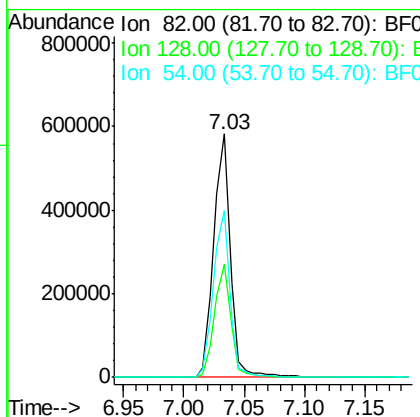
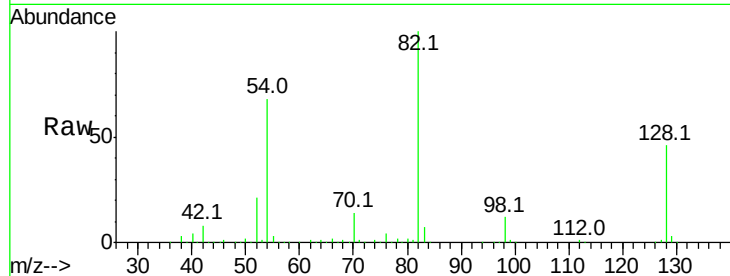




#23
 Nitrobenzene-d5
 Concen: 83.926 ng
 RT: 7.03 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF097266.D
 Acq: 2 Aug 2017 10:41

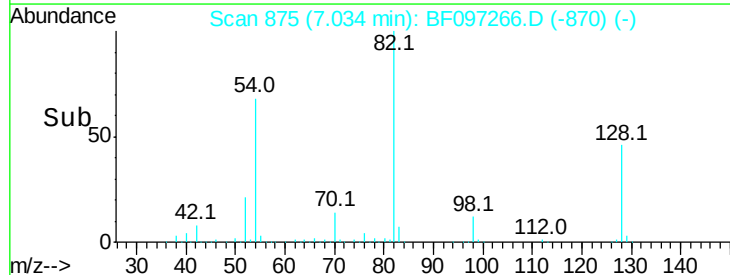
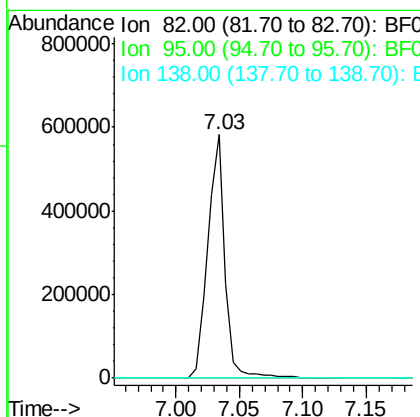
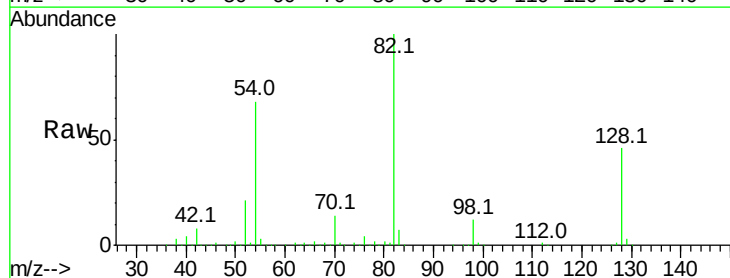
Instrument :
 BNA_F
 ClientSampleId :

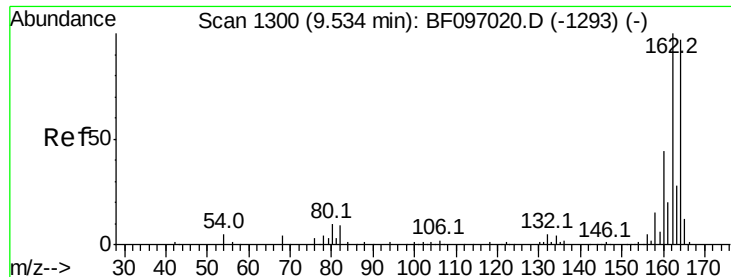
Tot Ion	82	Resp	555421
Ion Ratio	Lower	Upper	
82	100		
128	46.3	34.0	51.0
54	68.4	42.2	63.2#



#25
 Isophorone
 Concen: 42.855 ng
 RT: 7.03 min Scan# 875
 Delta R.T. -0.27 min
 Lab File: BF097266.D
 Acq: 2 Aug 2017 10:41

Tgt Ion	82	Resp	555418
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

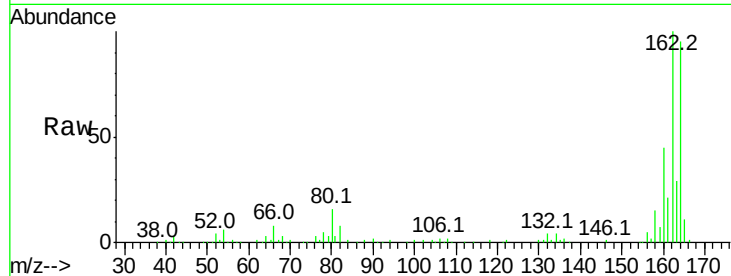




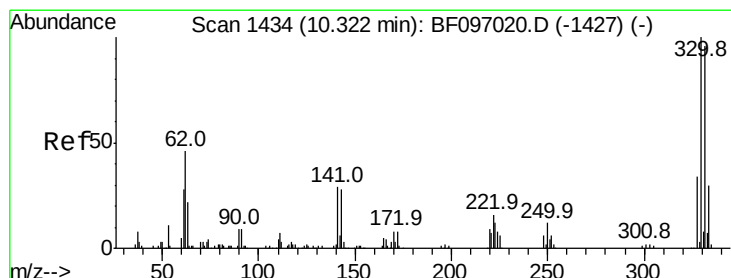
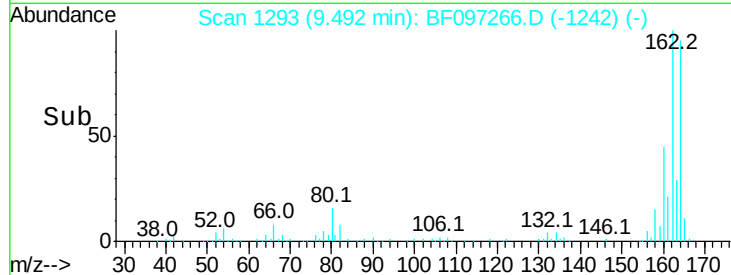
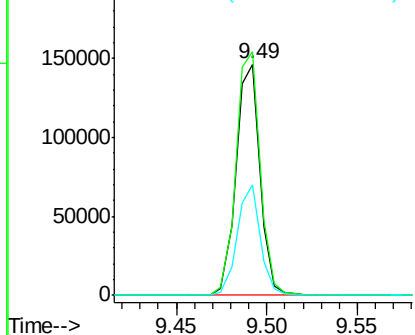
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BF097266.D
 Acq: 2 Aug 2017 10:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 134946
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.6 123.8
 160 47.5 36.2 54.2

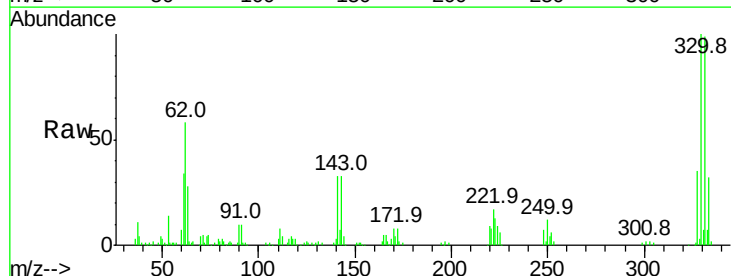


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

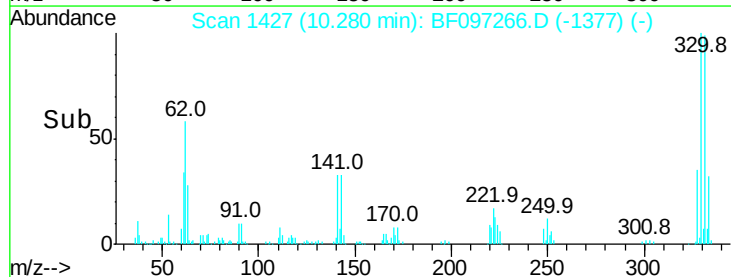
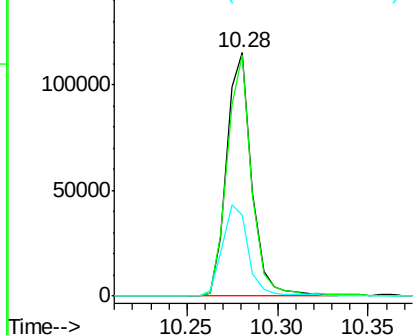


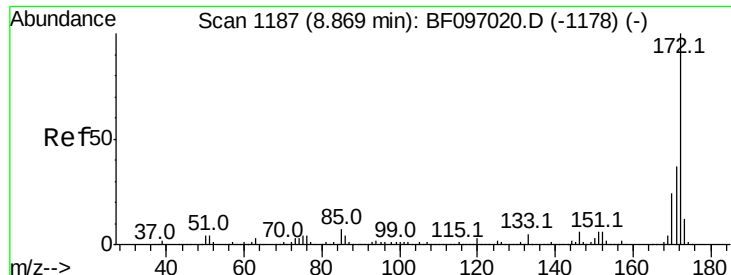
#41
 2,4,6-Tribromophenol
 Concen: 104.583 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF097266.D
 Acq: 2 Aug 2017 10:41

Tgt Ion:330 Resp: 111507
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 39.0 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

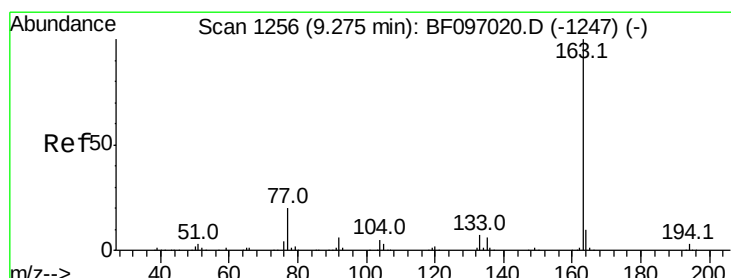
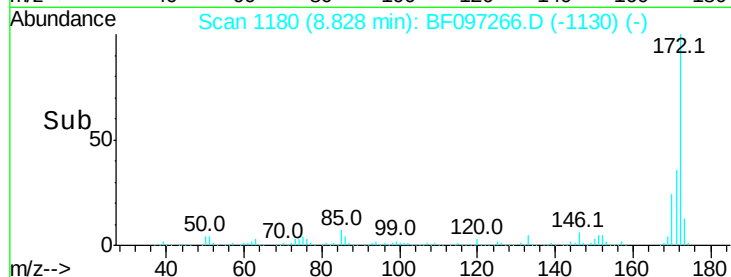
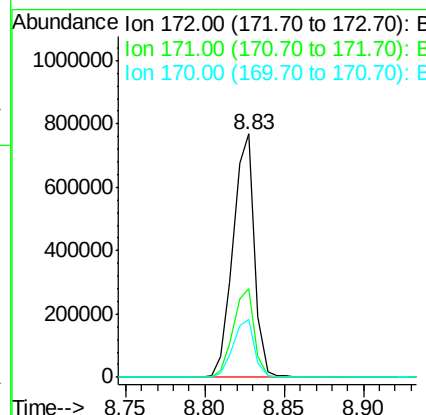
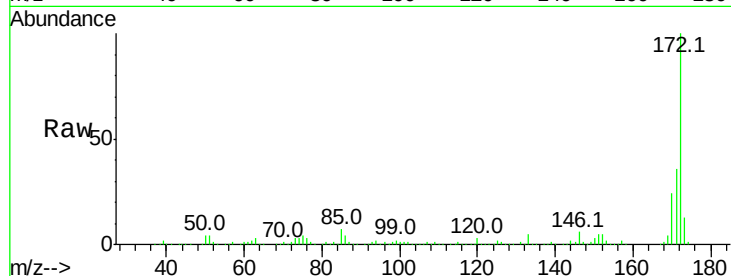




#44
 2-Fluorobiphenyl
 Concen: 90.609 ng
 RT: 8.83 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF097266.D
 Acq: 2 Aug 2017 10:41

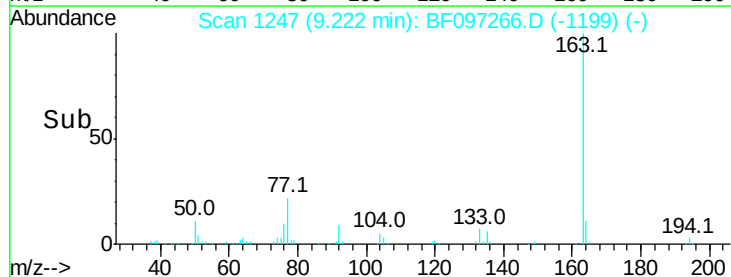
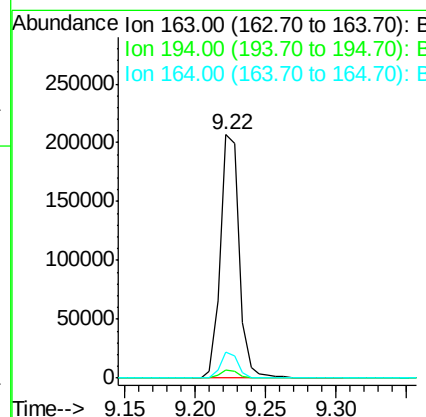
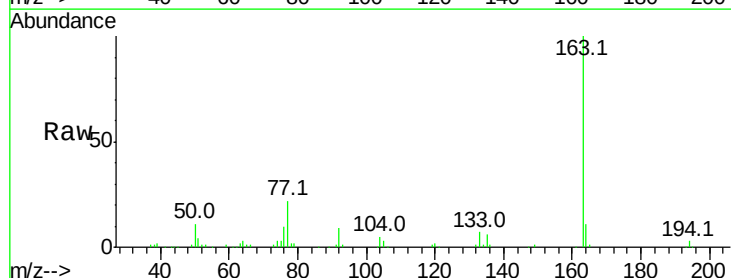
Instrument :
 BNA_F
 ClientSampled :

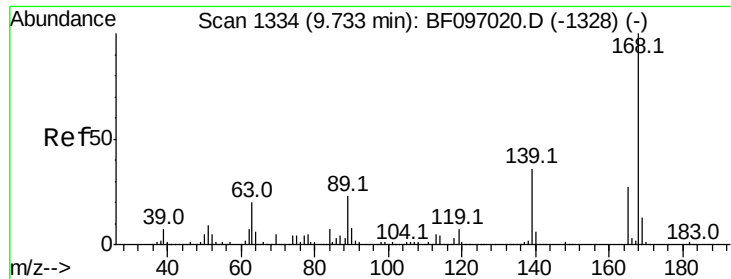
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.7	19.8	29.8



#49
 Dimethylphthalate
 Concen: 18.760 ng
 RT: 9.22 min Scan# 1247
 Delta R.T. -0.02 min
 Lab File: BF097266.D
 Acq: 2 Aug 2017 10:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.6	8.4	12.6

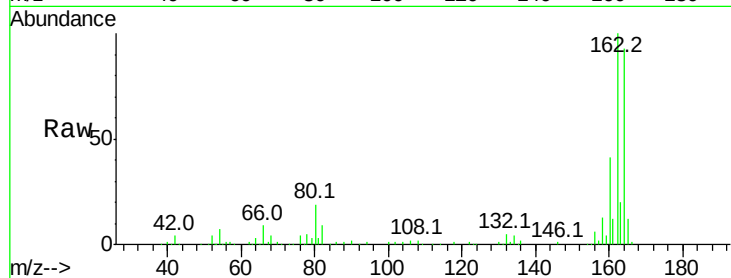




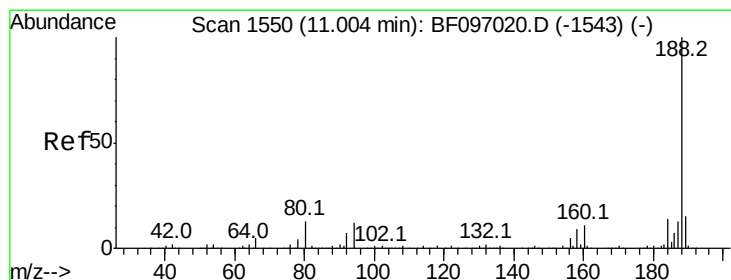
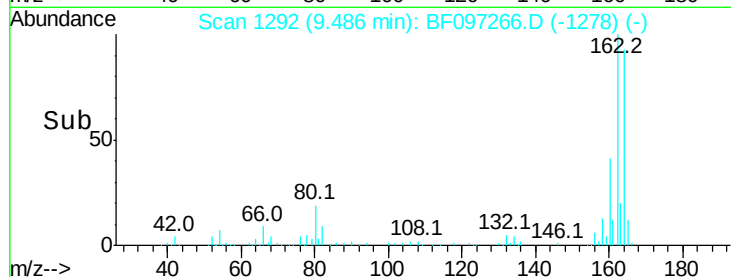
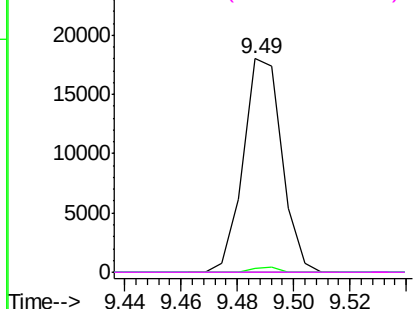
#56
 2,4-Dinitrotoluene
 Concen: 6.849 ng
 RT: 9.49 min Scan# 1292
 Delta R.T. -0.22 min
 Lab File: BF097266.D
 Acq: 2 Aug 2017 10:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 17113
 Ion Ratio Lower Upper
 165 100
 63 1.8 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#

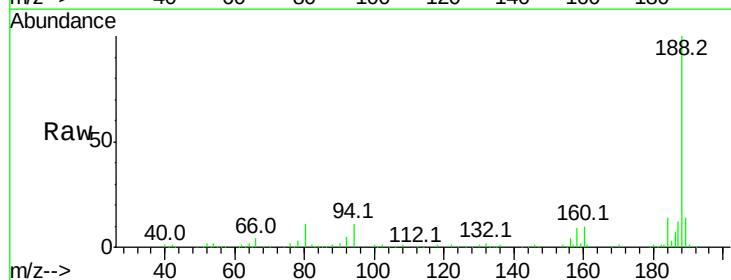


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

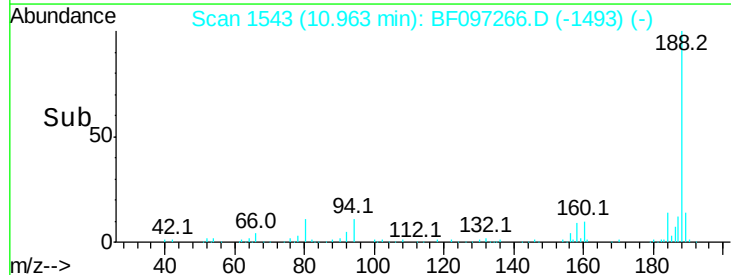
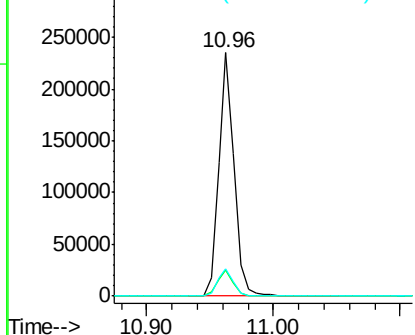


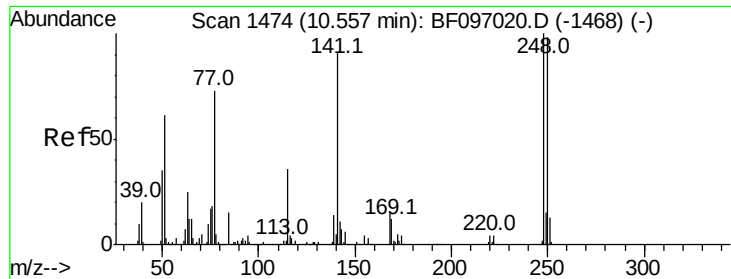
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.96 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BF097266.D
 Acq: 2 Aug 2017 10:41

Tgt Ion:188 Resp: 199618
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 11.1 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

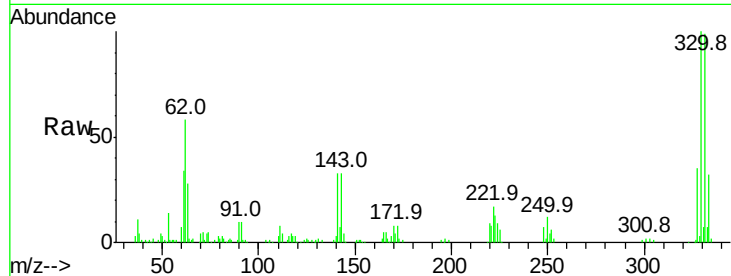




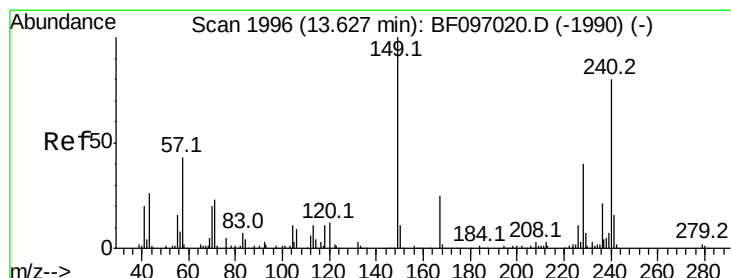
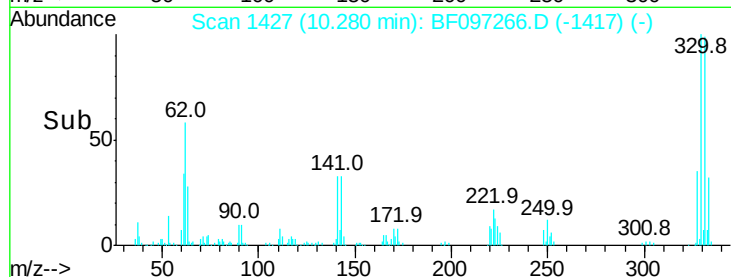
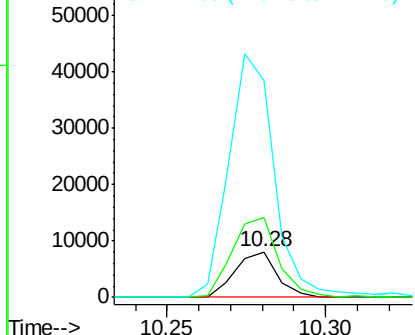
#66
4-Bromophenyl-phenylether
Concen: 3.712 ng
RT: 10.28 min Scan# 1427
Delta R.T. -0.24 min
Lab File: BF097266.D
Acq: 2 Aug 2017 10:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 7394
Ion Ratio Lower Upper
248 100
250 173.4 76.8 115.2#
141 474.1 68.6 103.0#

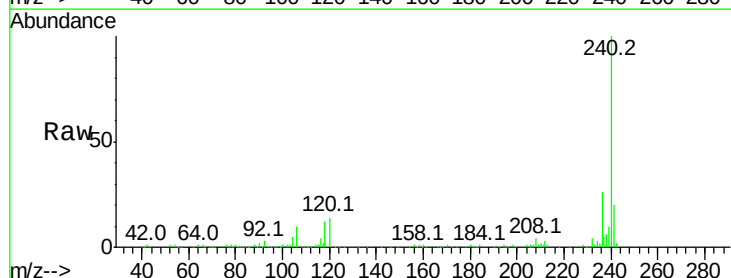


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

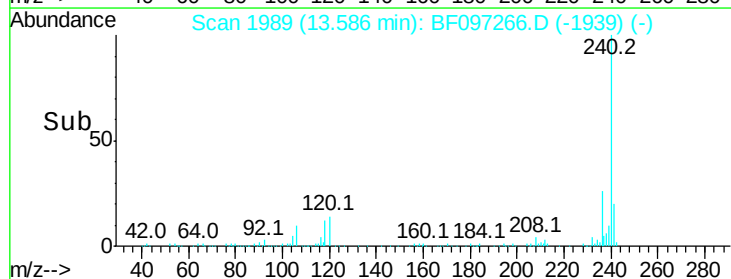
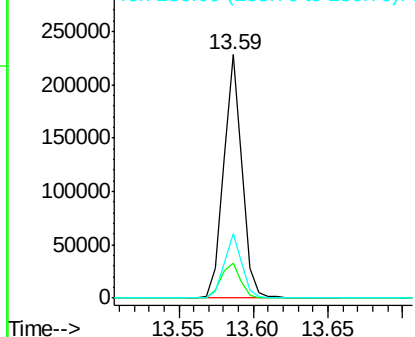


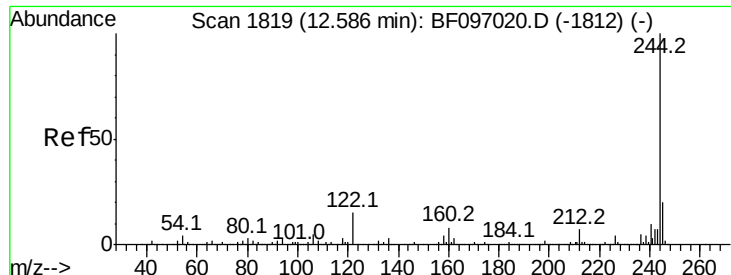
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.59 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF097266.D
Acq: 2 Aug 2017 10:41

Tgt Ion:240 Resp: 199060
Ion Ratio Lower Upper
240 100
120 14.4 5.8 8.8#
236 26.2 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: 45.366 ng

RT: 12.54 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF097266.D

Acq: 2 Aug 2017 10:41

Instrument :

BNA_F

ClientSampleId :

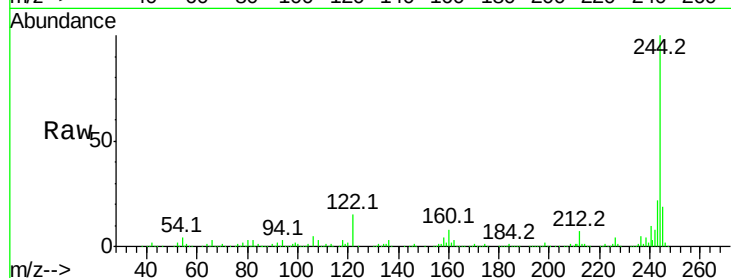
Tot Ion:244 Resp: 442919

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

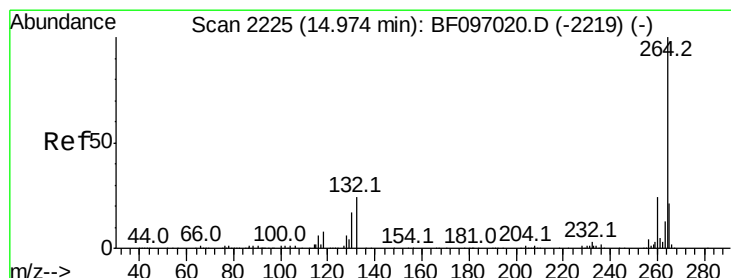
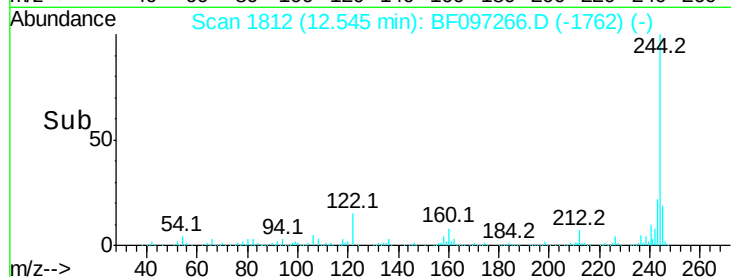
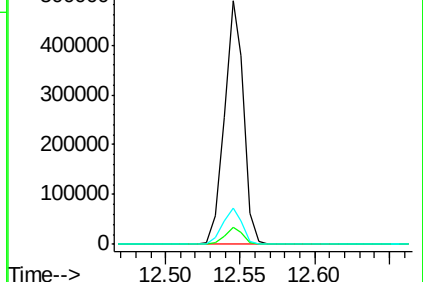
122 15.0 10.3 15.5



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: 14.93 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BF097266.D

Acq: 2 Aug 2017 10:41

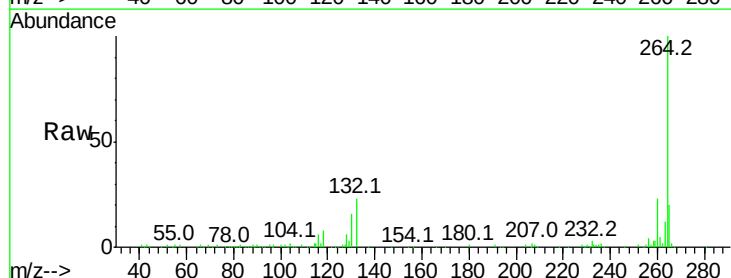
Tgt Ion:264 Resp: 145736

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 20.0 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

