

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
 Data File : BF097327.D
 Acq On : 3 Aug 2017 20:07
 Operator : SJ/JU
 Sample : I4542-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A4129

Quant Time: Aug 04 01:07:30 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

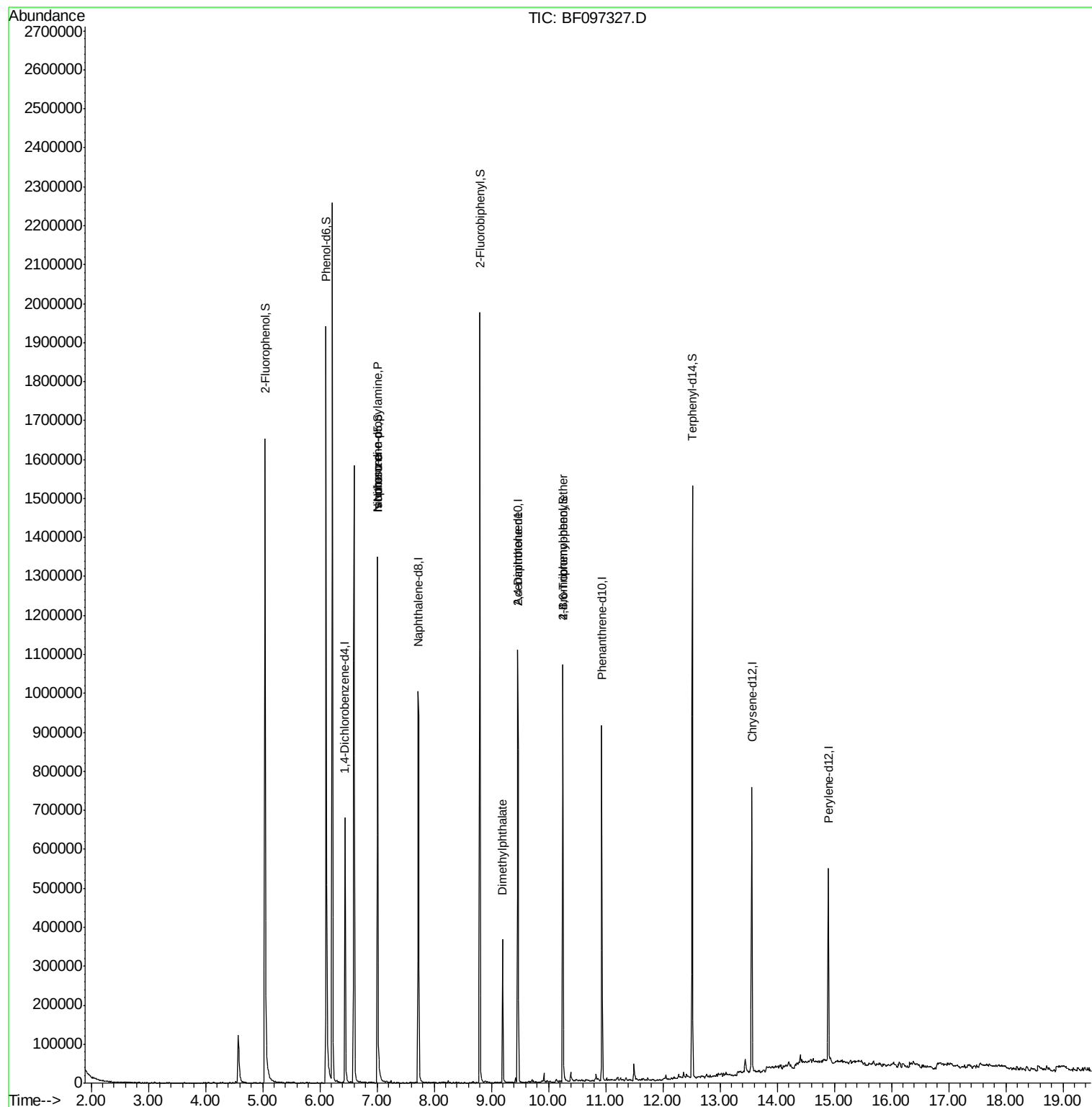
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	108933	20.00	ng	-0.05
21) Naphthalene-d8	7.72	136	473374	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	207843	20.00	ng	-0.07
63) Phenanthrene-d10	10.93	188	319195	20.00	ng	-0.07
75) Chrysene-d12	13.56	240	235323	20.00	ng	-0.07
86) Perylene-d12	14.90	264	194852	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	536092	74.19	ng	-0.06
7) Phenol-d6	6.11	99	714364	86.60	ng	-0.06
23) Nitrobenzene-d5	7.01	82	441456	54.71	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	115263	70.19	ng	-0.07
44) 2-Fluorobiphenyl	8.80	172	604843	49.39	ng	-0.07
78) Terphenyl-d14	12.52	244	434866	37.68	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.01	70	58672	10.805	ng	# 83
25) Isophorone	7.01	82	438180	27.728	ng	# 67
49) Dimethylphthalate	9.20	163	136929	8.676	ng	99
56) 2,4-Dinitrotoluene	9.46	165	26275	6.828	ng	# 33
66) 4-Bromophenyl-phenylether	10.25	248	7411	2.327	ng	# 1

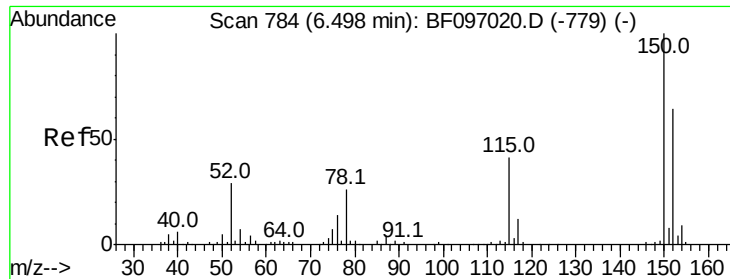
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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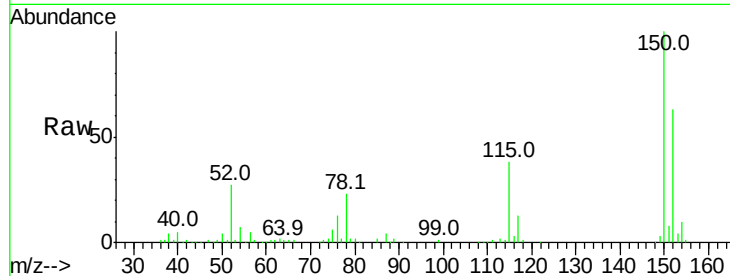


#1

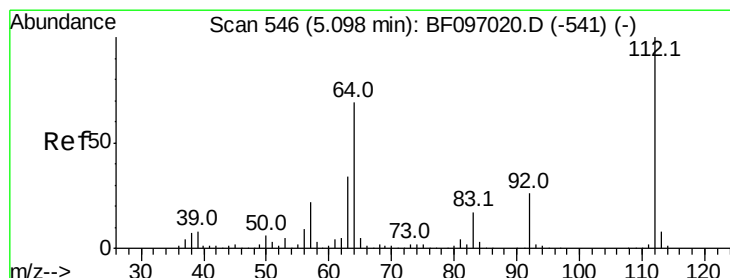
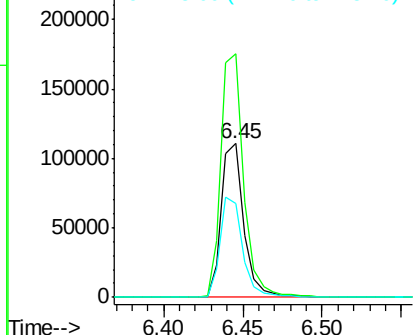
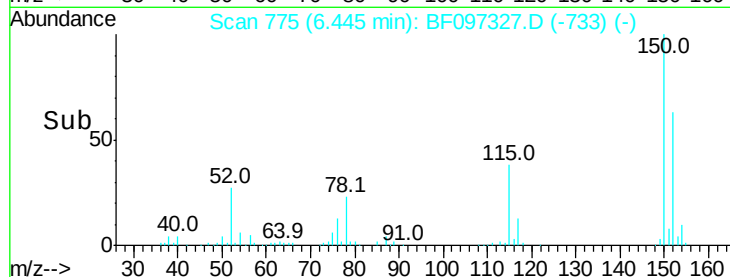
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF097327.D
Acq: 3 Aug 2017 20:07

Instrument :
BNA_F
ClientSampleId :
A4129

Tot Ion:152 Resp: 108933
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.2
115 60.7 52.2 78.2



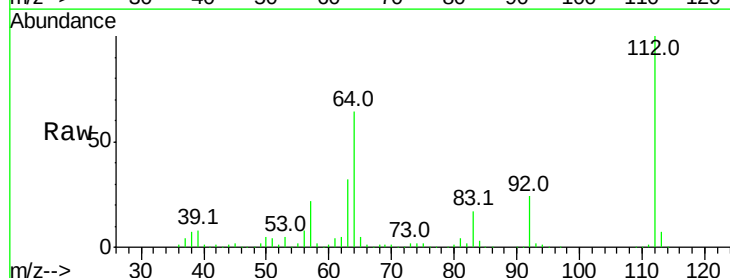
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



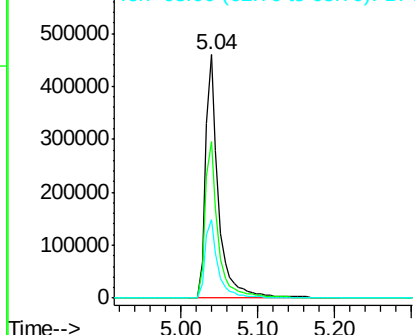
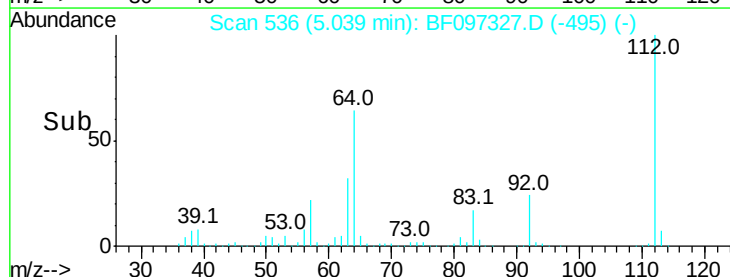
#5

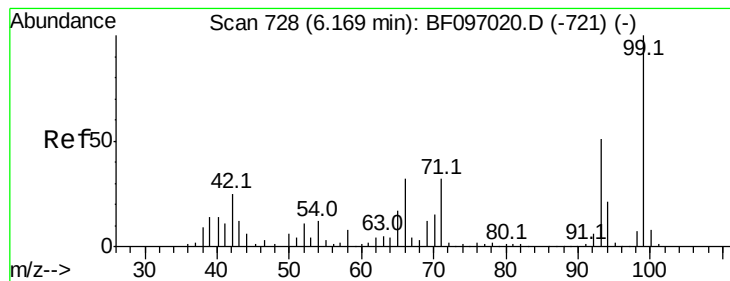
2-Fluorophenol
Concen: 74.188 ng
RT: 5.04 min Scan# 536
Delta R.T. -0.06 min
Lab File: BF097327.D
Acq: 3 Aug 2017 20:07

Tgt Ion:112 Resp: 536092
Ion Ratio Lower Upper
112 100
64 64.1 46.0 69.0
63 32.2 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: 86.595 ng

RT: 6.11 min Scan# 718

Delta R.T. -0.06 min

Lab File: BF097327.D

Acq: 3 Aug 2017 20:07

Instrument :

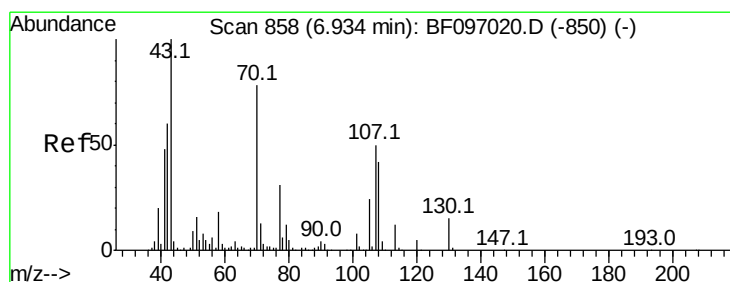
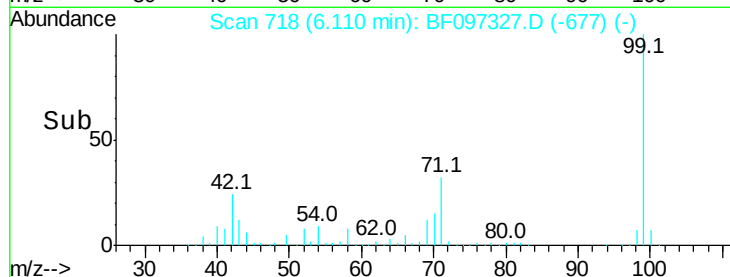
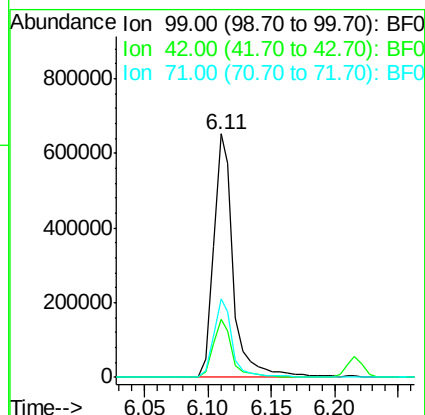
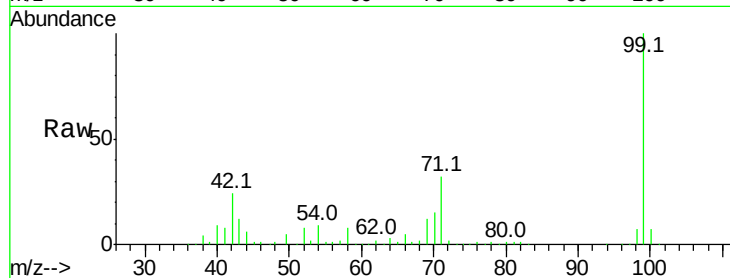
BNA_F

ClientSampleId :

A4129

Tot Ion: 99 Resp: 714364

Ion	Ratio	Lower	Upper
99	100		
42	24.0	13.5	20.3#
71	32.3	24.5	36.7



#19

n-Nitroso-di-n-propylamine

Concen: 10.805 ng

RT: 7.01 min Scan# 871

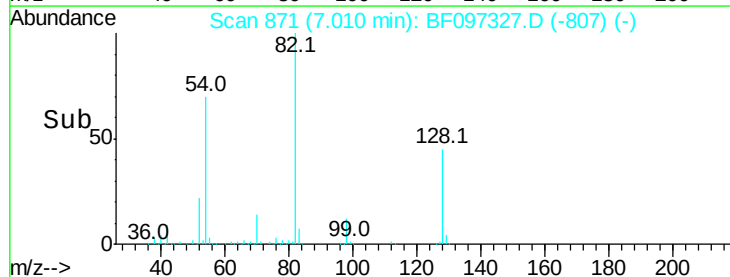
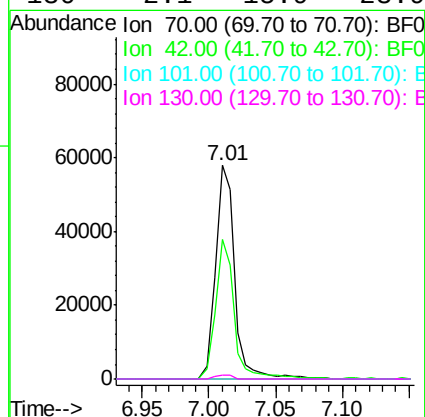
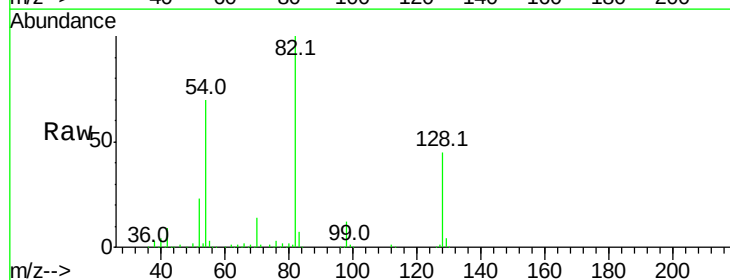
Delta R.T. 0.08 min

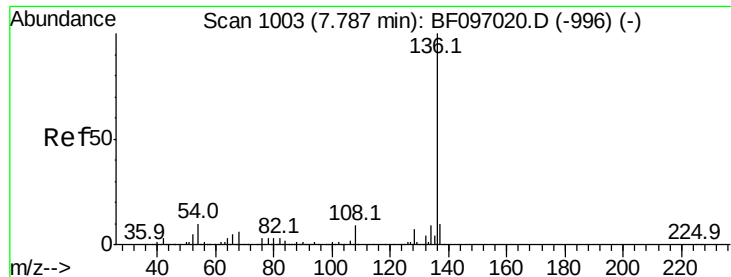
Lab File: BF097327.D

Acq: 3 Aug 2017 20:07

Tgt Ion: 70 Resp: 58672

Ion	Ratio	Lower	Upper
70	100		
42	65.1	47.2	70.8
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#

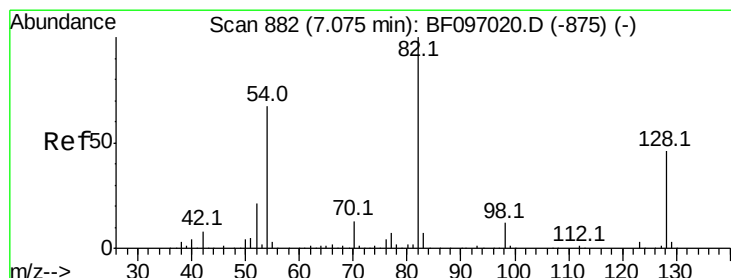
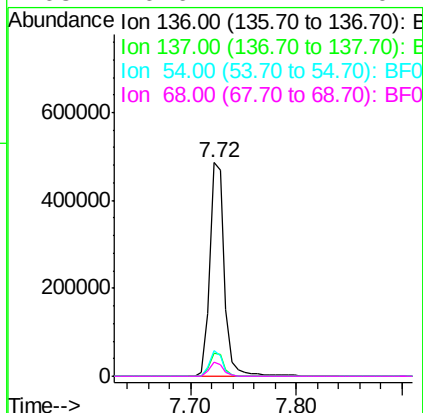
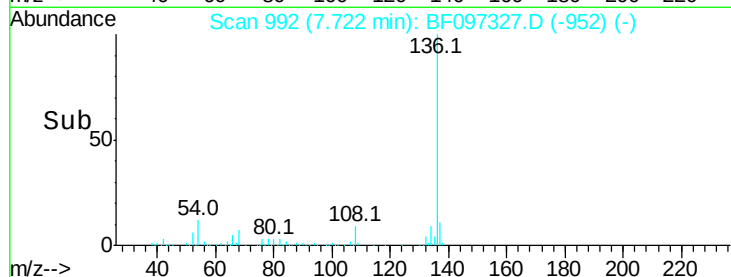
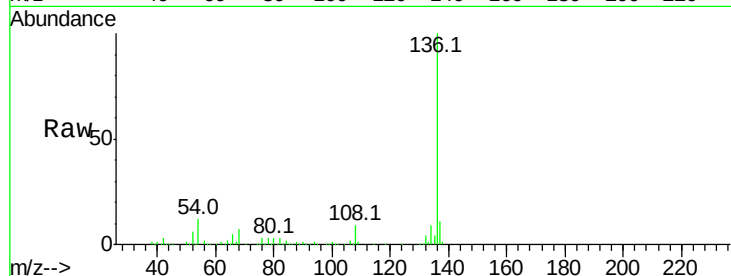




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.72 min Scan# 992
Delta R.T. -0.06 min
Lab File: BF097327.D
Acq: 3 Aug 2017 20:07

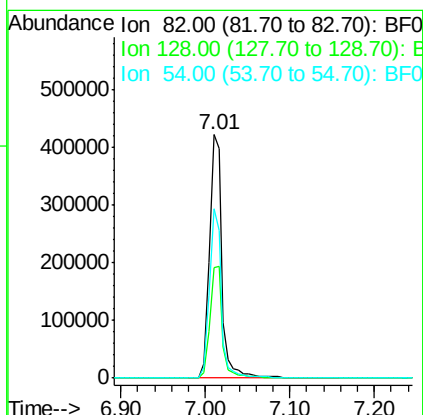
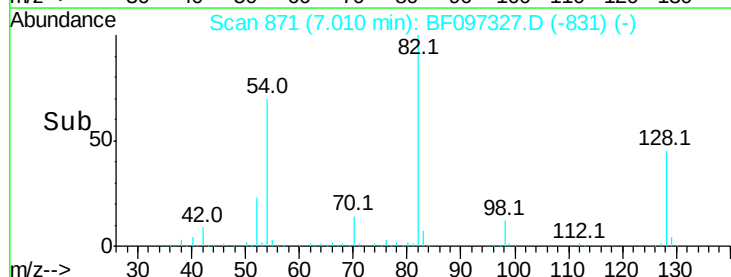
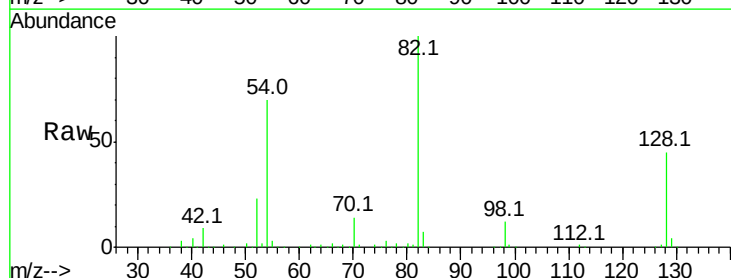
Instrument :
BNA_F
ClientSampleId :
A4129

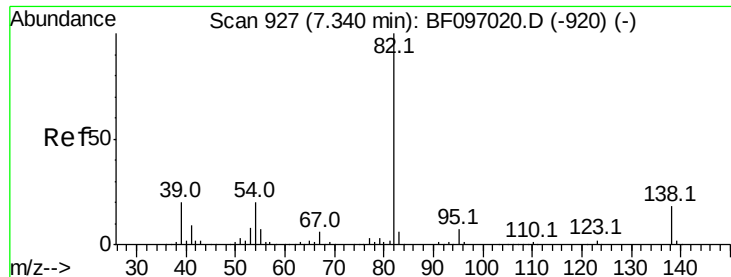
Tot Ion:136	Resp:	473374
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.5 12.7
54	11.9	4.9 7.3#
68	6.6	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 54.708 ng
RT: 7.01 min Scan# 871
Delta R.T. -0.06 min
Lab File: BF097327.D
Acq: 3 Aug 2017 20:07

Tgt Ion: 82	Resp:	441456
Ion	Ratio	Lower Upper
82	100	
128	45.2	34.0 51.0
54	69.8	42.2 63.2#





#25

Isophorone

Concen: 27.728 ng

RT: 7.01 min Scan# 871

Delta R.T. -0.33 min

Lab File: BF097327.D

Acq: 3 Aug 2017 20:07

Instrument :

BNA_F

ClientSampleId :

A4129

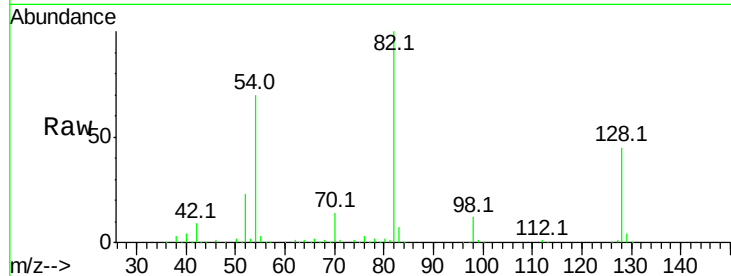
Tot Ion: 82 Resp: 438180

Ion Ratio Lower Upper

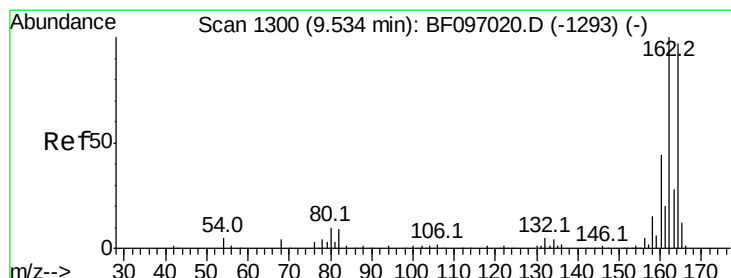
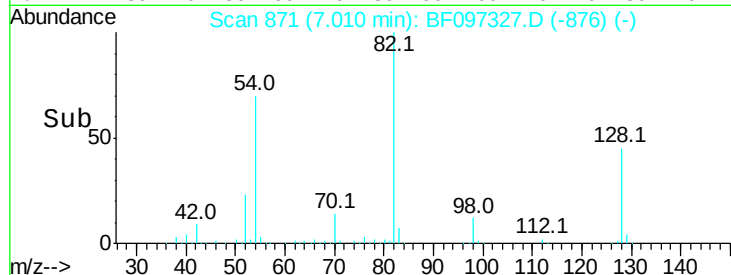
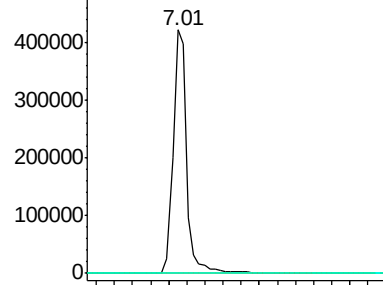
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.46 min Scan# 1288

Delta R.T. -0.07 min

Lab File: BF097327.D

Acq: 3 Aug 2017 20:07

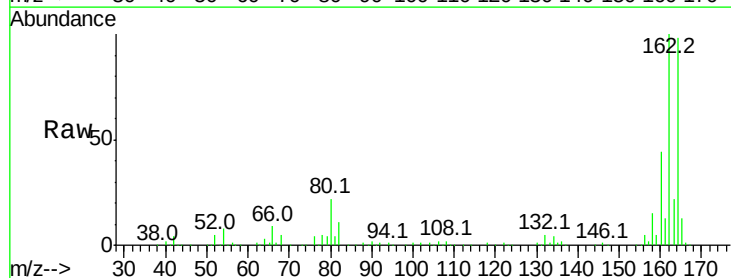
Tgt Ion:164 Resp: 207843

Ion Ratio Lower Upper

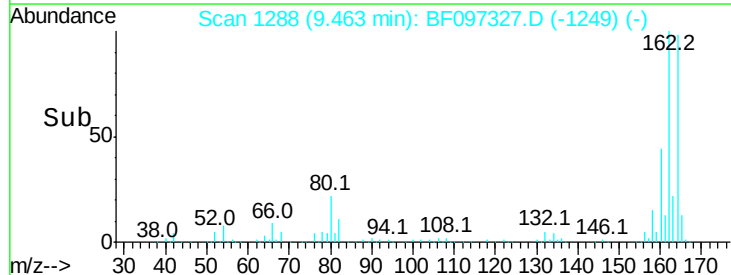
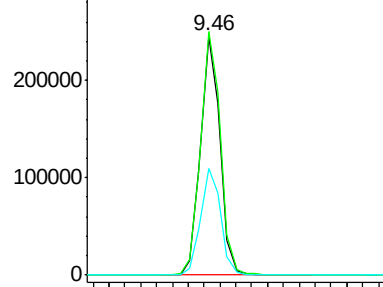
164 100

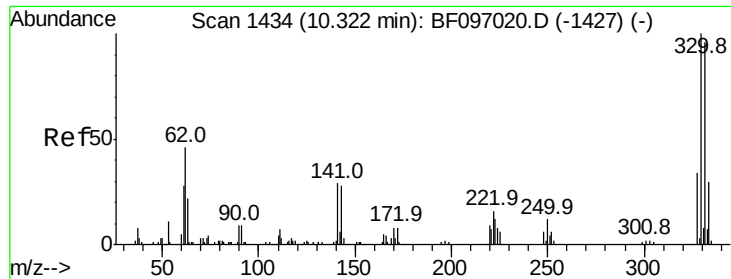
162 102.0 82.6 123.8

160 44.6 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

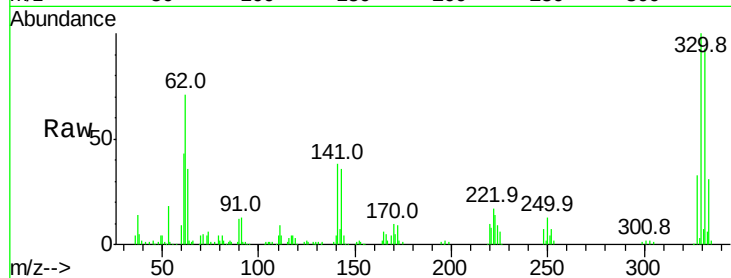




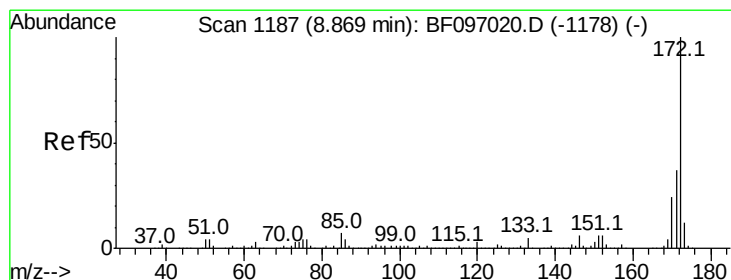
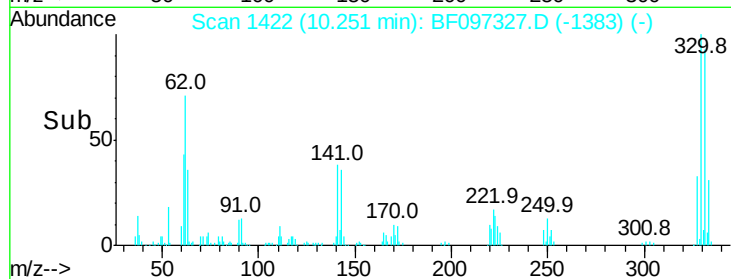
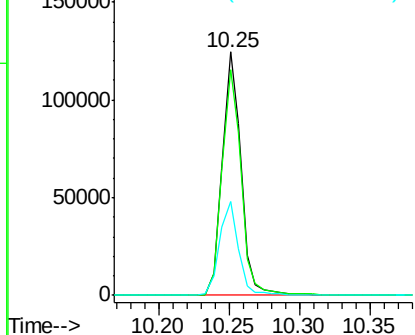
#41
 2,4,6-Tribromophenol
 Concen: 70.190 ng
 RT: 10.25 min Scan# 1422
 Delta R.T. -0.07 min
 Lab File: BF097327.D
 Acq: 3 Aug 2017 20:07

Instrument :
 BNA_F
 ClientSampleId :
 A4129

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	39.7	31.4	47.2

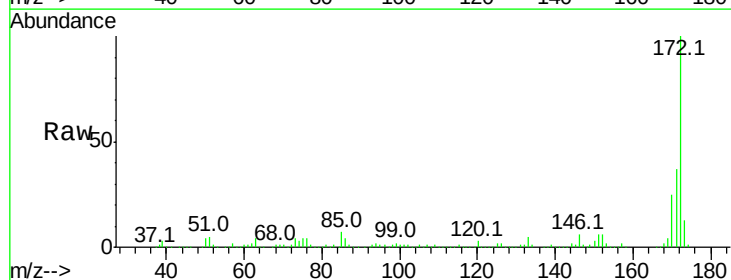


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

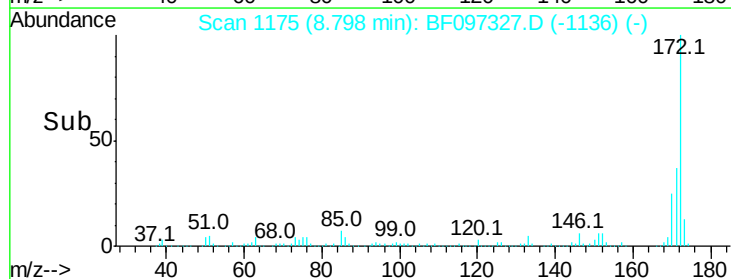
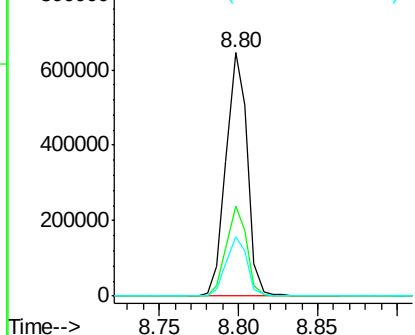


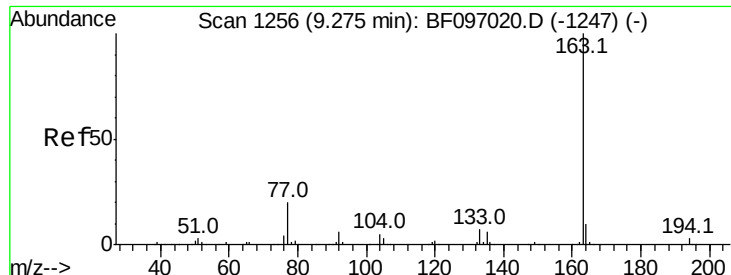
#44
 2-Fluorobiphenyl
 Concen: 49.387 ng
 RT: 8.80 min Scan# 1175
 Delta R.T. -0.07 min
 Lab File: BF097327.D
 Acq: 3 Aug 2017 20:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.5	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: 8.676 ng

RT: 9.20 min Scan# 1243

Delta R.T. -0.08 min

Lab File: BF097327.D

Acq: 3 Aug 2017 20:07

Instrument :

BNA_F

ClientSampleId :

A4129

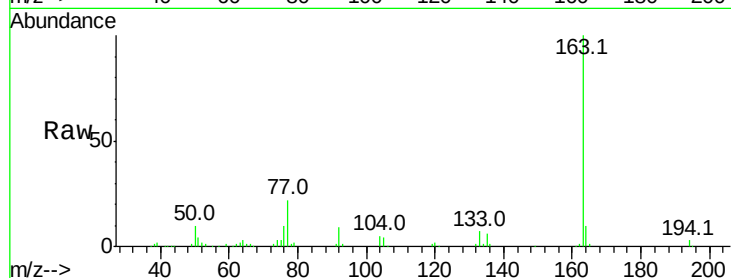
Tot Ion:163 Resp: 136929

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

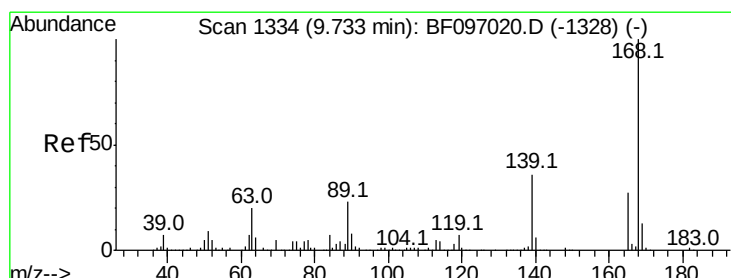
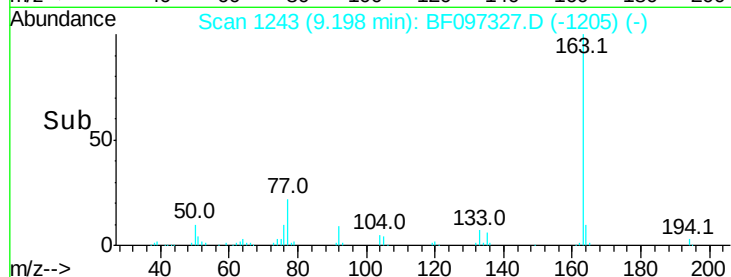
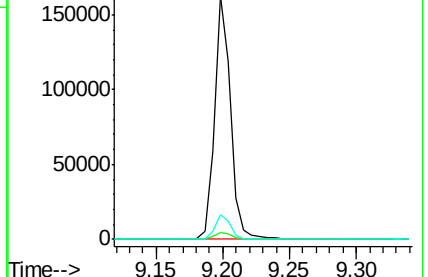
164 10.0 8.4 12.6



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: 6.828 ng

RT: 9.46 min Scan# 1288

Delta R.T. -0.27 min

Lab File: BF097327.D

Acq: 3 Aug 2017 20:07

Tgt Ion:165 Resp: 26275

Ion Ratio Lower Upper

165 100

63 1.2 25.4 38.0#

89 1.3 46.4 69.6#

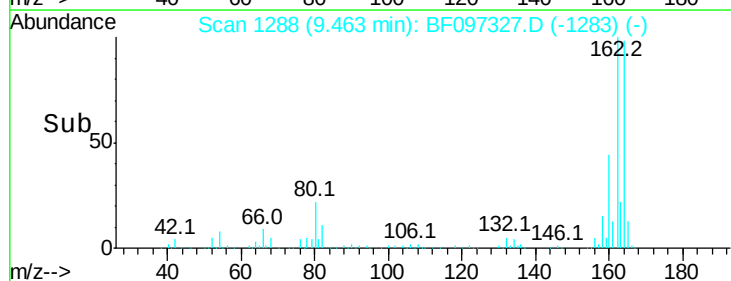
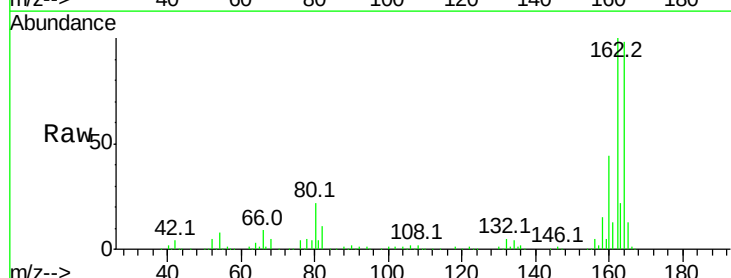
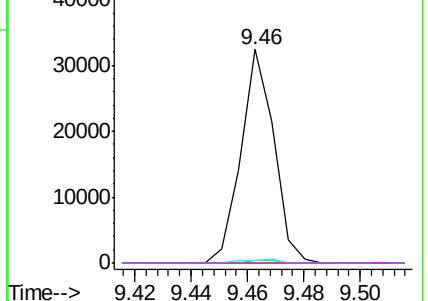
182 0.0 1.8 2.6#

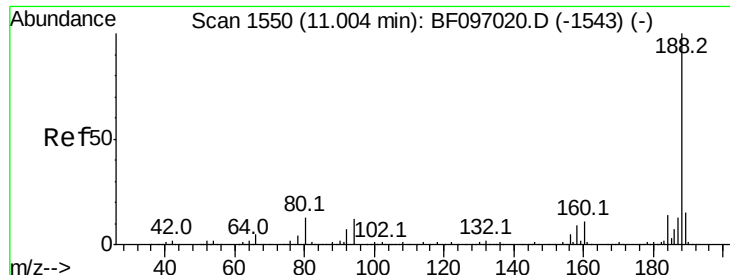
Abundance Ion 165.00 (164.70 to 165.70): E

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

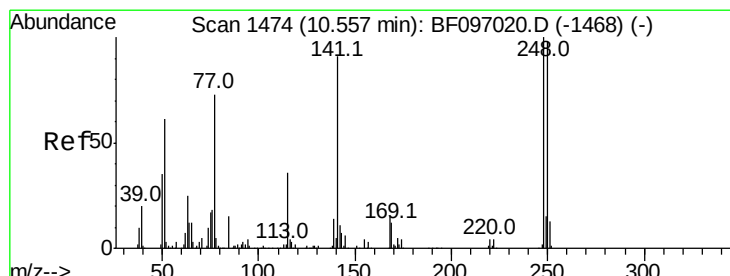
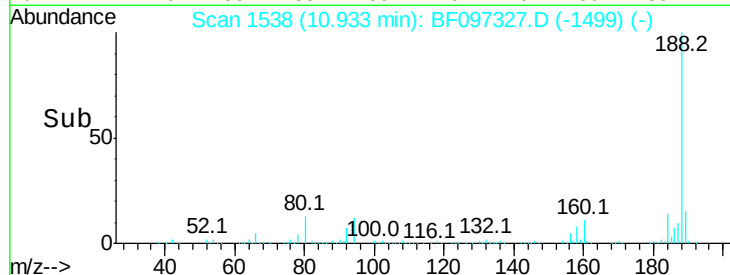
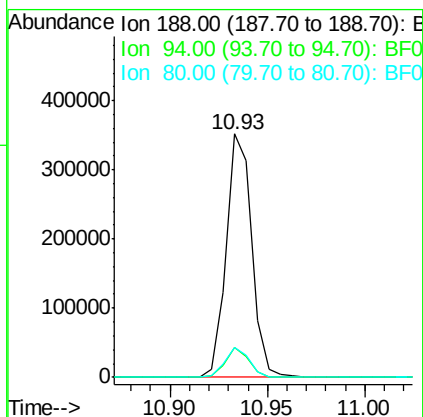
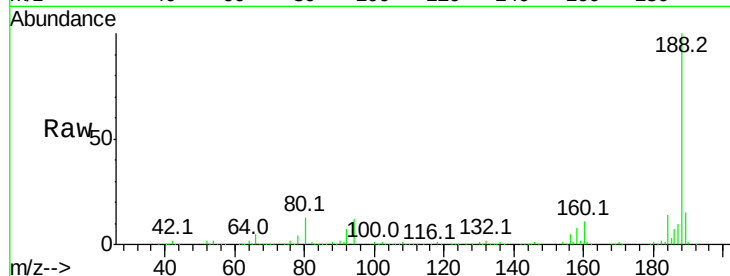




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.93 min Scan# 1538
 Delta R.T. -0.07 min
 Lab File: BF097327.D
 Acq: 3 Aug 2017 20:07

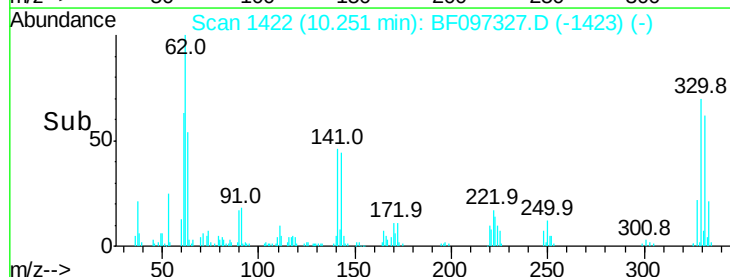
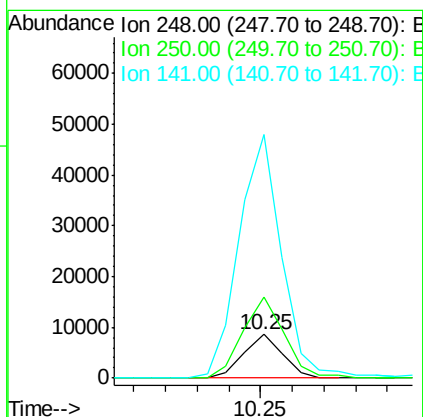
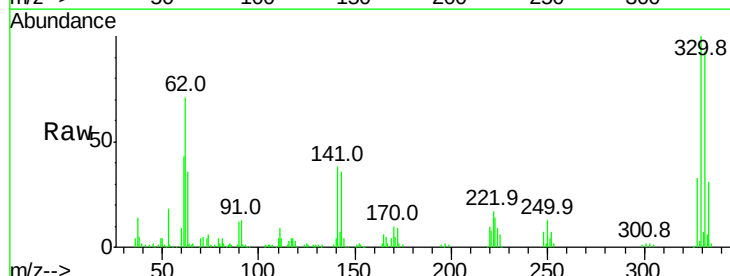
Instrument :
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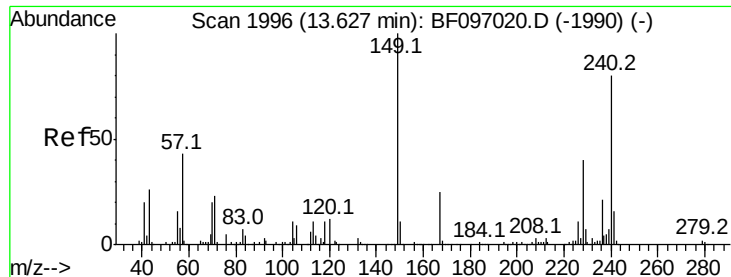
Tot Ion:188 Resp: 319195
 Ion Ratio Lower Upper
 188 100
 94 12.2 9.4 14.2
 80 12.5 10.2 15.2



#66
 4-Bromophenyl-phenylether
 Concen: 2.327 ng
 RT: 10.25 min Scan# 1422
 Delta R.T. -0.31 min
 Lab File: BF097327.D
 Acq: 3 Aug 2017 20:07

Tgt Ion:248 Resp: 7411
 Ion Ratio Lower Upper
 248 100
 250 187.7 76.8 115.2#
 141 561.5 68.6 103.0#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.56 min Scan# 1984

Delta R.T. -0.07 min

Lab File: BF097327.D

Acq: 3 Aug 2017 20:07

Instrument :

BNA_F

ClientSampleId :

A4129

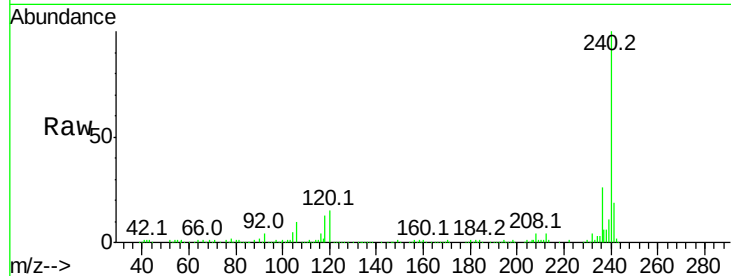
Tot Ion:240 Resp: 235323

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

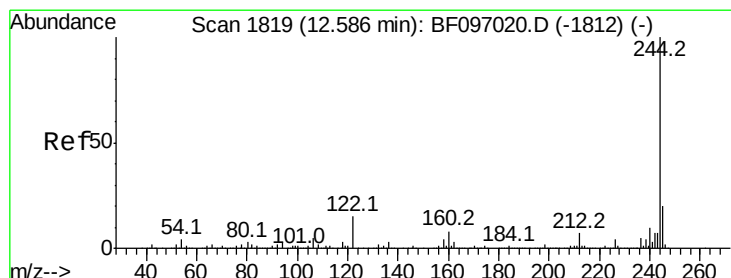
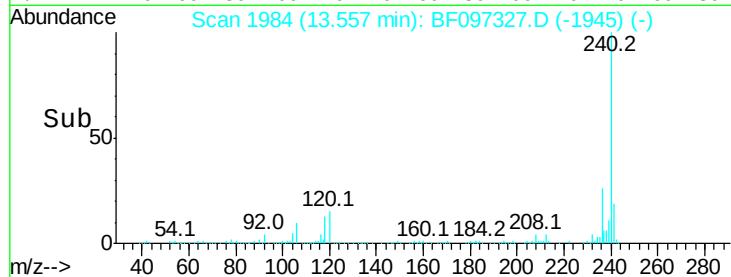
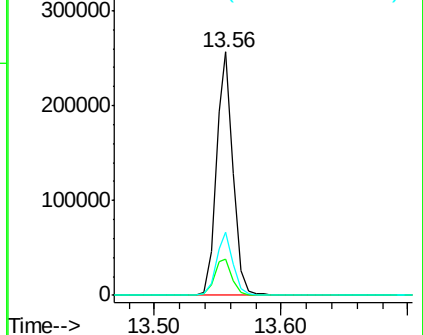
236 26.2 20.5 30.7



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: 37.677 ng

RT: 12.52 min Scan# 1807

Delta R.T. -0.07 min

Lab File: BF097327.D

Acq: 3 Aug 2017 20:07

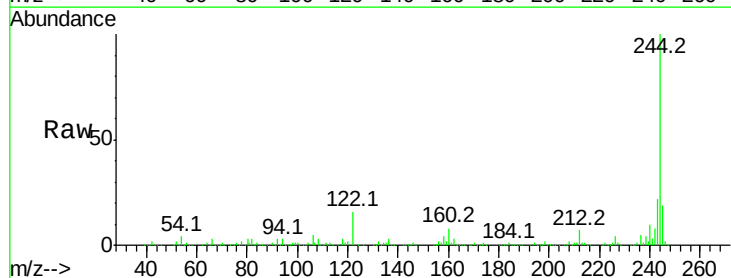
Tgt Ion:244 Resp: 434866

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

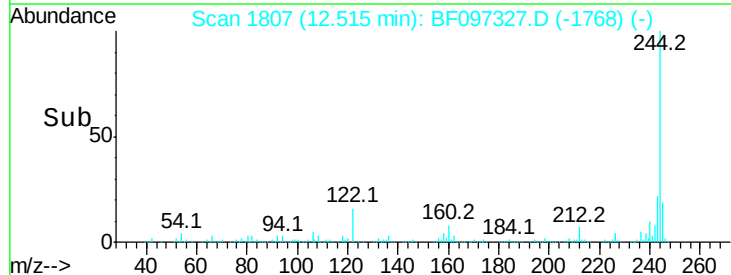
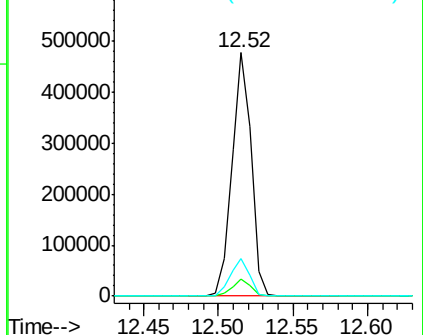
122 15.5 10.3 15.5#

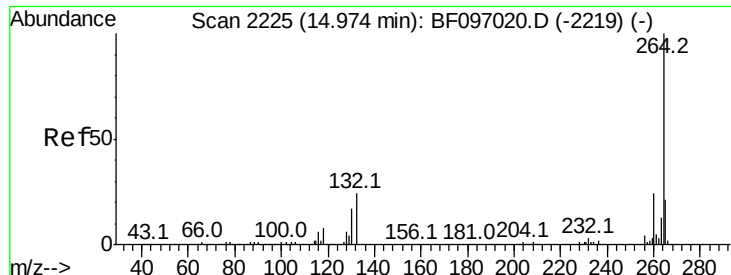


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

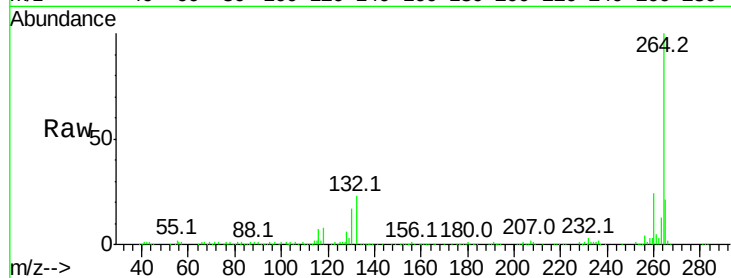




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.90 min Scan# 2212
 Delta R.T. -0.08 min
 Lab File: BF097327.D
 Acq: 3 Aug 2017 20:07

Instrument :
 BNA_F
 ClientSampleId :
 A4129

Tot Ion:	264	Resp:	194852
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	20.9	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

