

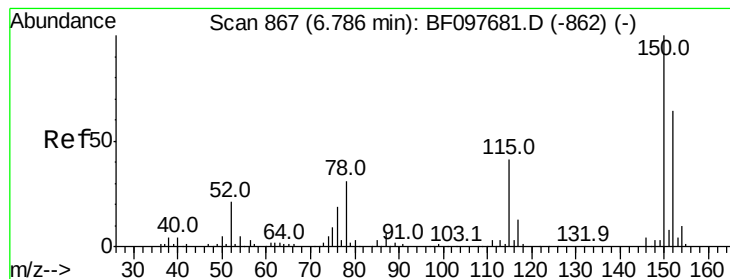
Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097953.D
 Acq On : 22 Aug 2017 14:04
 Operator : SJ/JU
 Sample : I4900-11
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 22 14:33:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	101119	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	364541	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	133513	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	235165	20.00	ng	0.00
75) Chrysene-d12	13.89	240	202234	20.00	ng	0.00
86) Perylene-d12	15.32	264	130750	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	492044	74.02	ng	0.00
7) Phenol-d6	6.38	99	754017	83.48	ng	0.00
23) Nitrobenzene-d5	7.31	82	483067	71.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	67269	58.07	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	681217	74.96	ng	0.00
78) Terphenyl-d14	12.85	244	547917	56.50	ng	0.00
Target Compounds						
10) Phenol	6.39	94	21705	2.055	ng	94
19) n-Nitroso-di-n-propylamine	7.31	70	63776	10.314	ng	# 74
25) Isophorone	7.31	82	479072	34.334	ng	# 67
49) Dimethylphthalate	9.50	163	93771	9.608	ng	99
56) 2,4-Dinitrotoluene	9.78	165	16871	6.901	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.56	198	121	8.411	ng	# 1

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

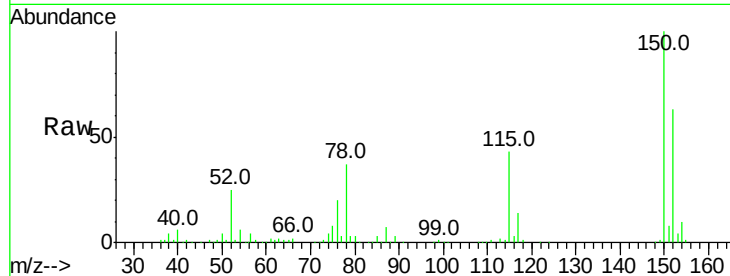


#1

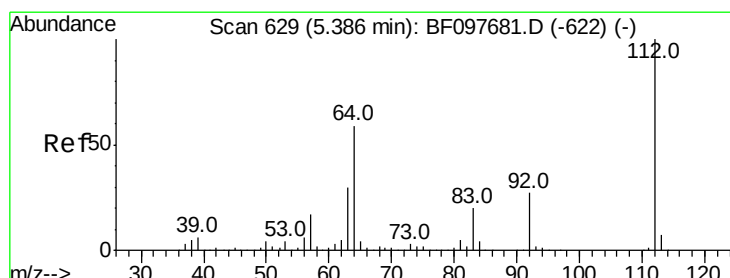
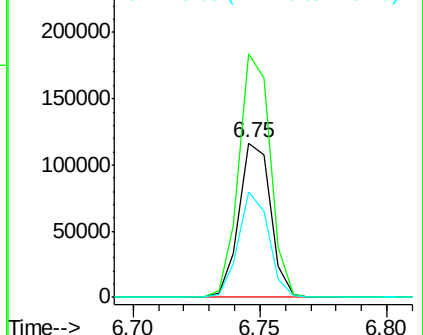
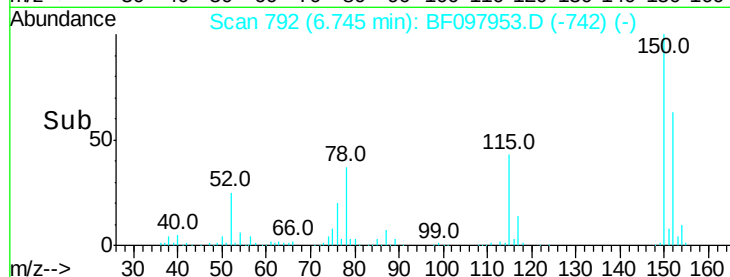
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF097953.D
 Acq: 22 Aug 2017 14:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 101119
 Ion Ratio Lower Upper
 152 100
 150 157.7 126.2 189.2
 115 68.4 52.2 78.2



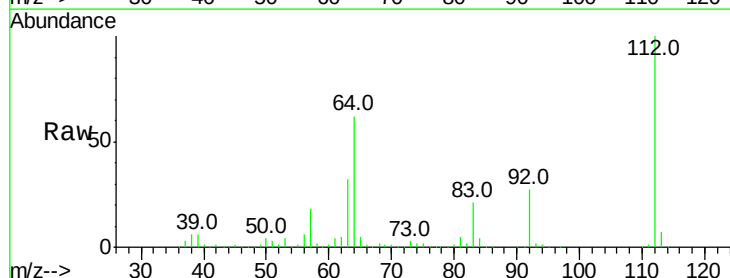
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



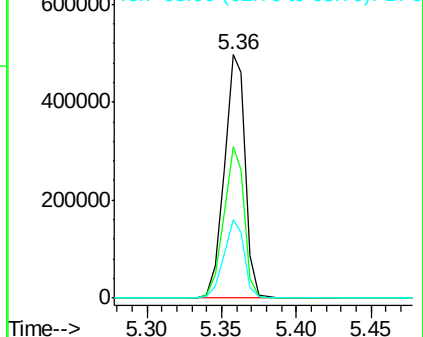
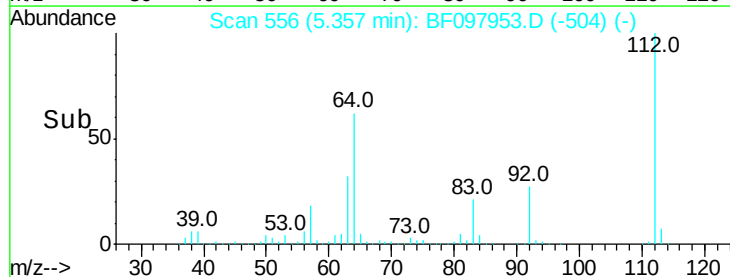
#5

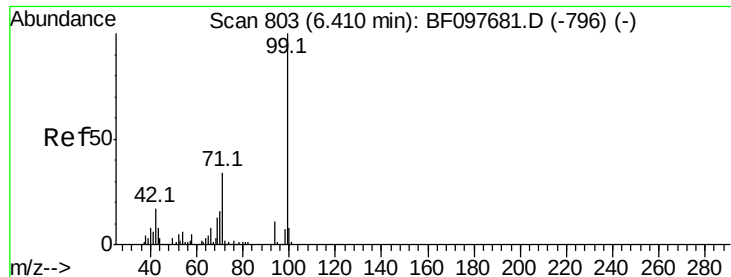
2-Fluorophenol
 Concen: 74.015 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF097953.D
 Acq: 22 Aug 2017 14:04

Tgt Ion:112 Resp: 492044
 Ion Ratio Lower Upper
 112 100
 64 62.1 46.0 69.0
 63 32.0 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: 83.478 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097953.D

Acq: 22 Aug 2017 14:04

Instrument :

BNA_F

ClientSampled :

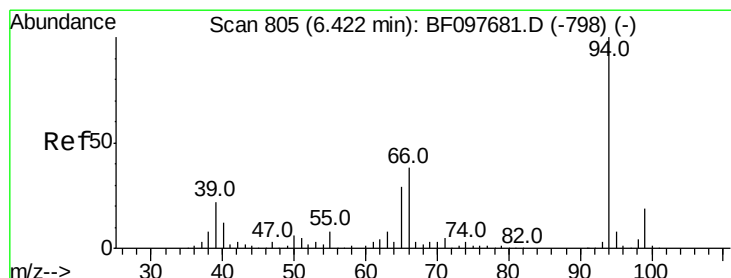
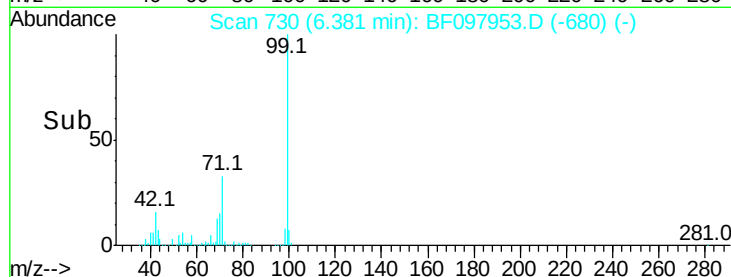
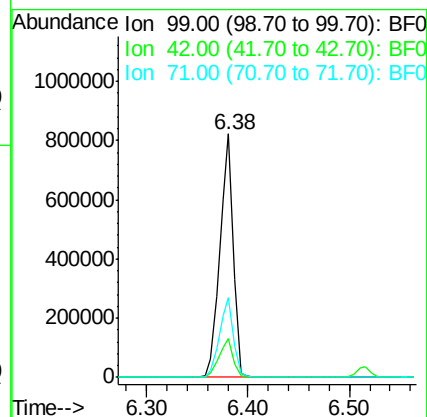
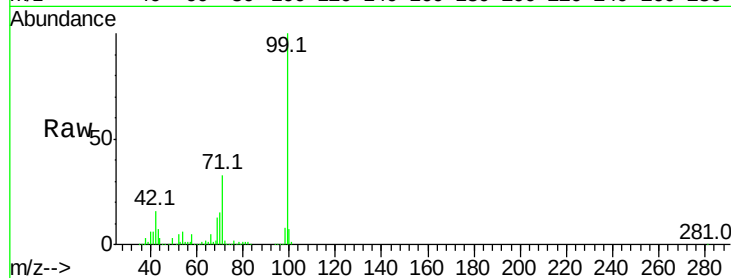
Tot Ion: 99 Resp: 754017

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

71 32.7 24.5 36.7



#10

Phenol

Concen: 2.055 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF097953.D

Acq: 22 Aug 2017 14:04

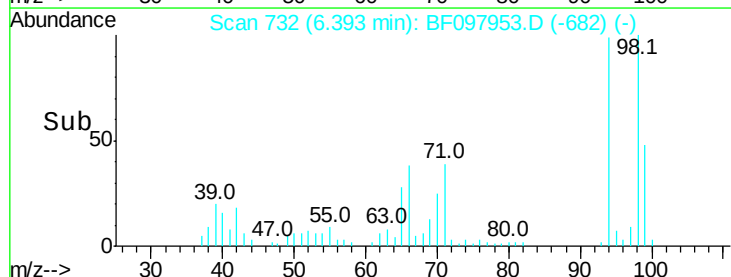
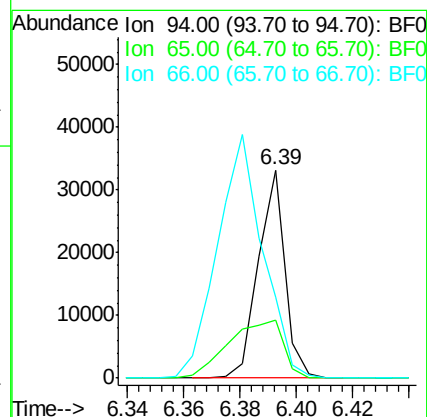
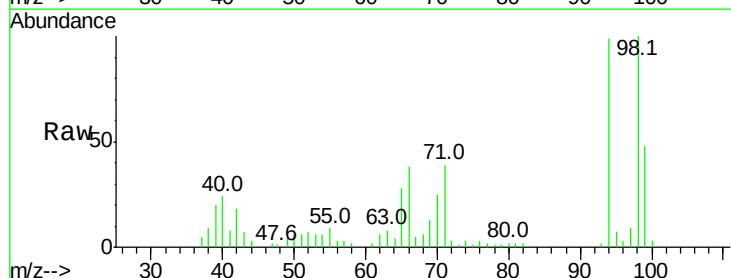
Tgt Ion: 94 Resp: 21705

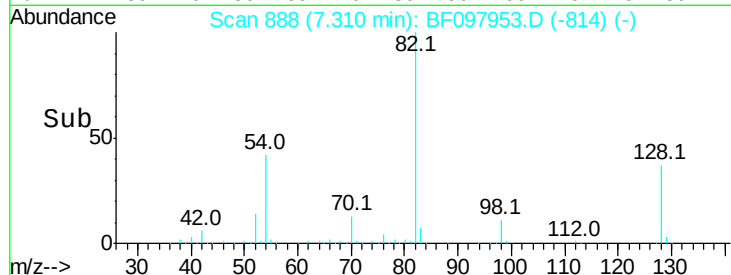
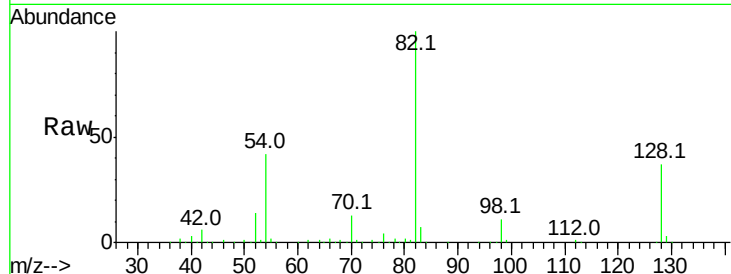
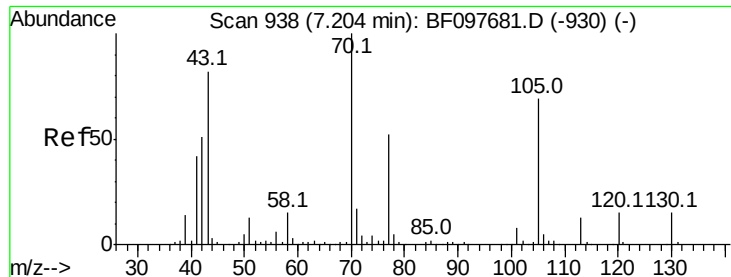
Ion Ratio Lower Upper

94 100

65 27.8 9.9 49.9

66 38.8 23.1 63.1

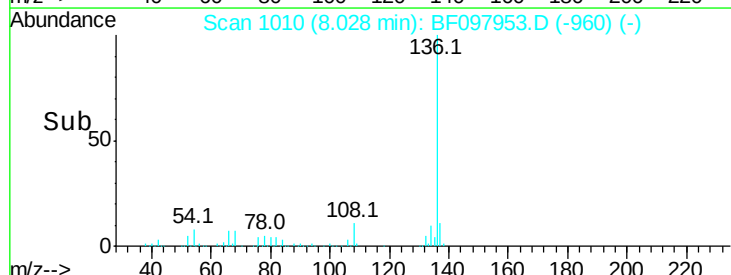
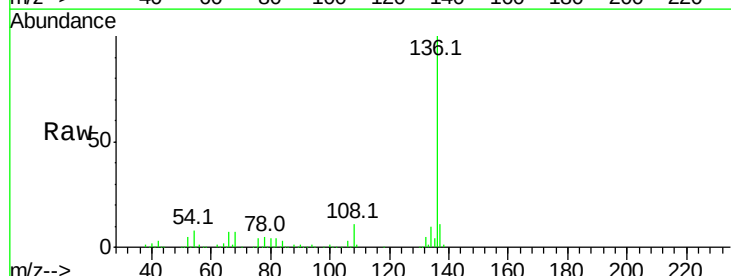
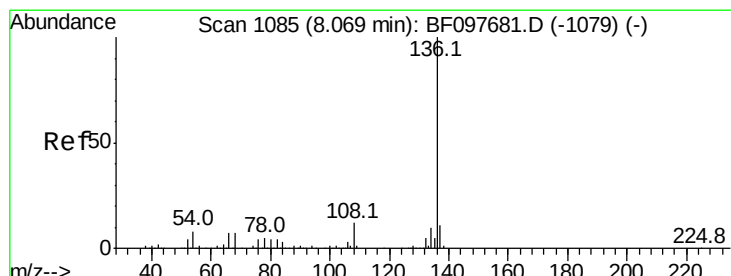
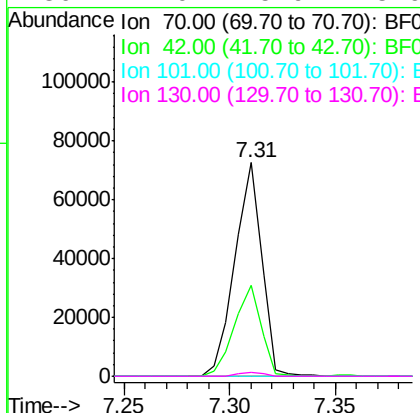




#19
n-Nitroso-di-n-propylamine
Concen: 10.314 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.14 min
Lab File: BF097953.D
Acq: 22 Aug 2017 14:04

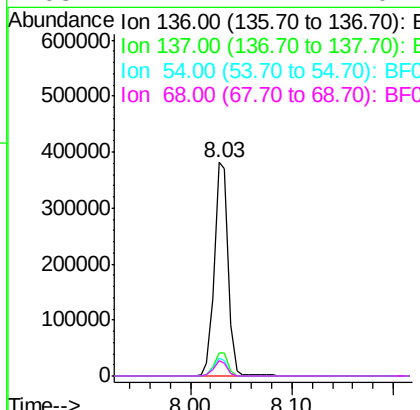
Instrument :
BNA_F
ClientSampleId :

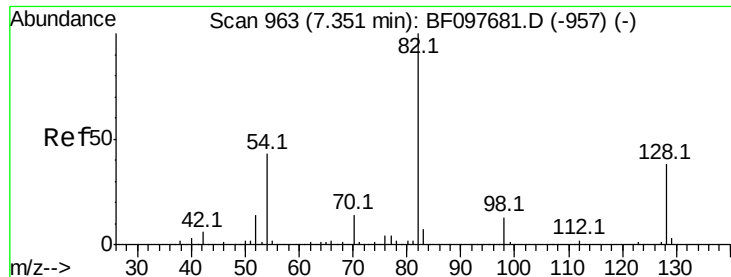
Tot Ion: 70 Resp: 63776
Ion Ratio Lower Upper
70 100
42 42.6 47.2 70.8#
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF097953.D
Acq: 22 Aug 2017 14:04

Tgt Ion:136 Resp: 364541
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 8.4 4.9 7.3#
68 7.4 4.1 6.1#

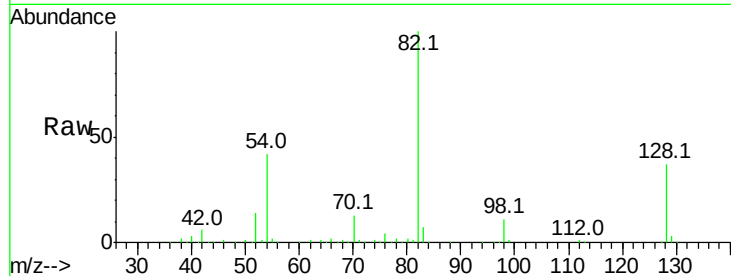




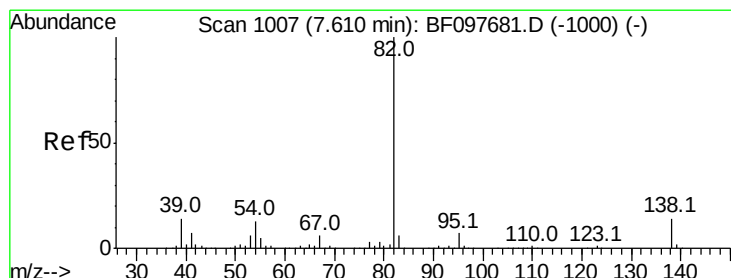
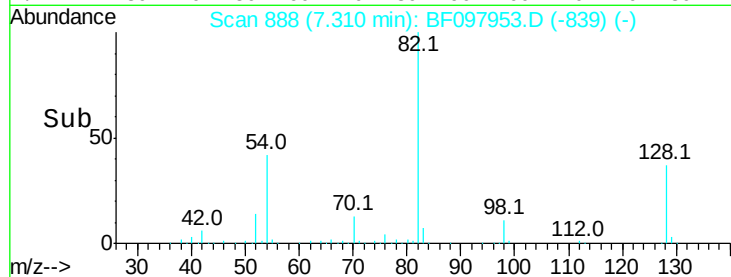
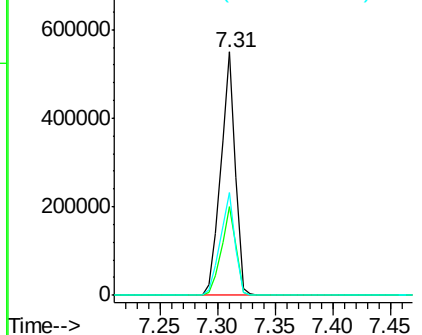
#23
 Nitrobenzene-d5
 Concen: 71.988 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF097953.D
 Acq: 22 Aug 2017 14:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	483067
Ion	Ratio	Lower	Upper
82	100		
128	36.6	34.0	51.0
54	42.2	42.2	63.2

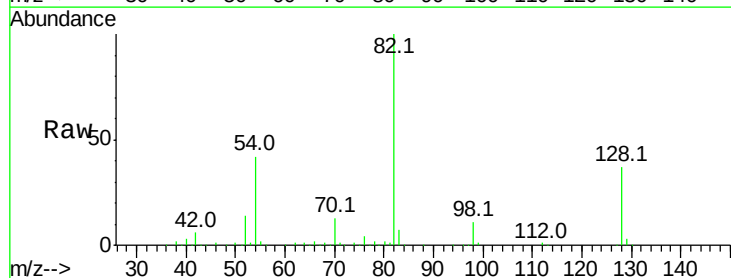


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

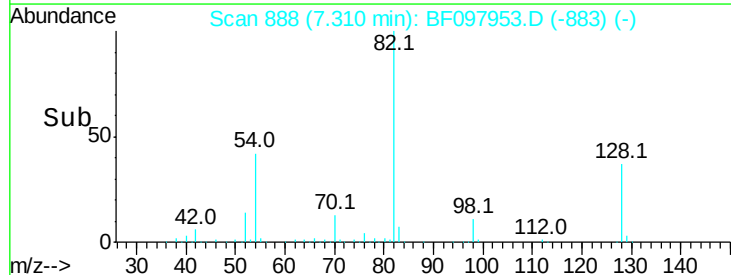
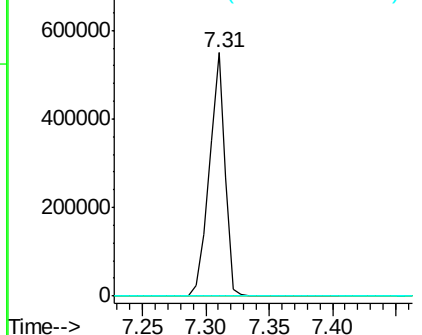


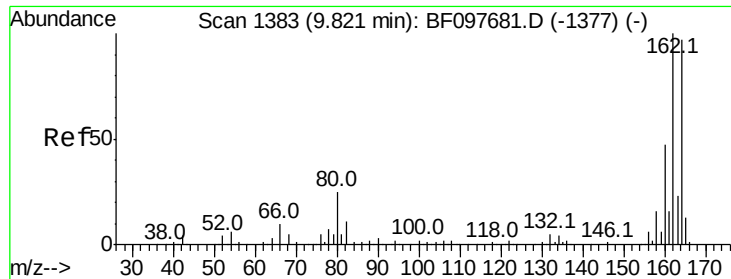
#25
 Isophorone
 Concen: 34.334 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.27 min
 Lab File: BF097953.D
 Acq: 22 Aug 2017 14:04

Tgt Ion	82	Resp	479072
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): BF0

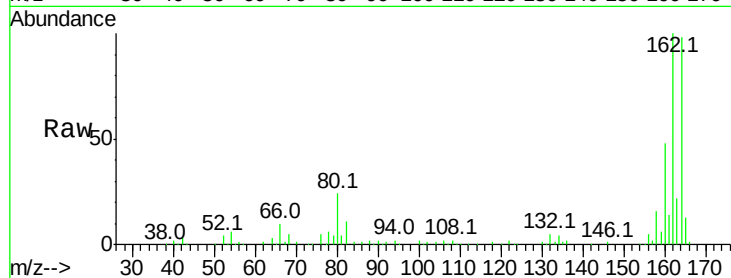




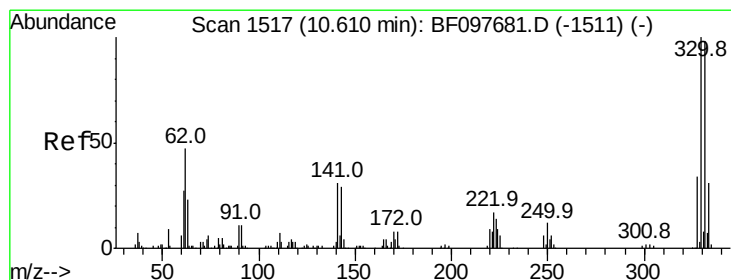
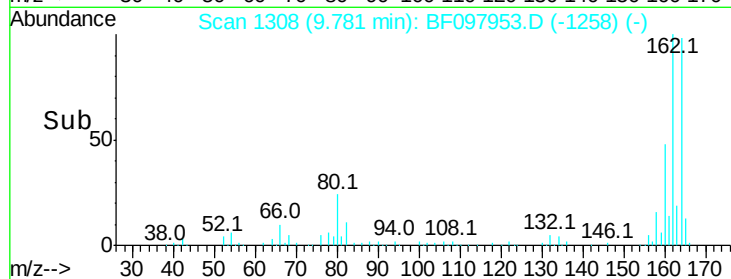
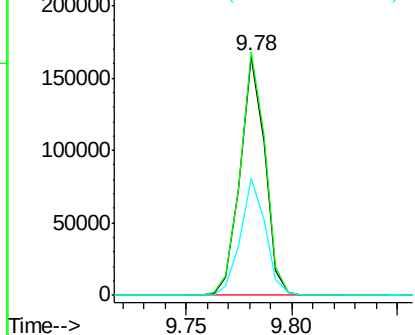
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097953.D
 Acq: 22 Aug 2017 14:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 133513
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.6 123.8
 160 48.9 36.2 54.2

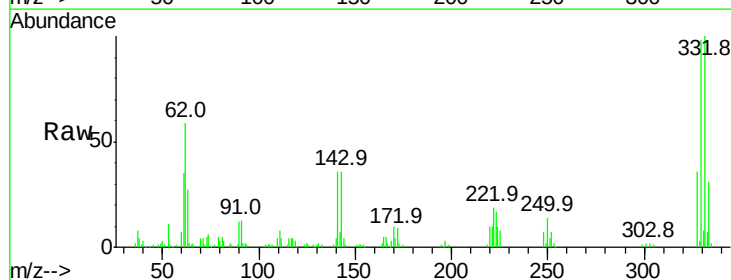


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

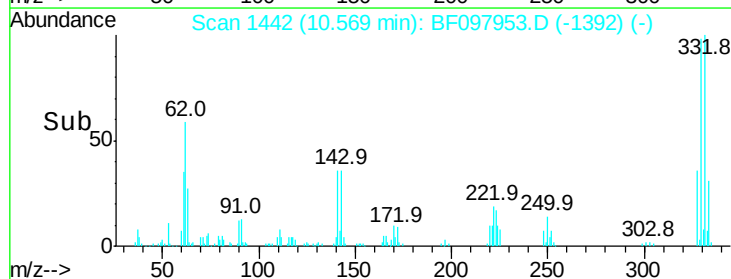
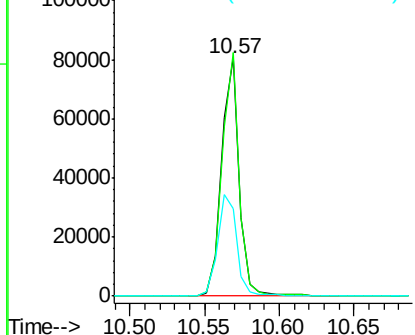


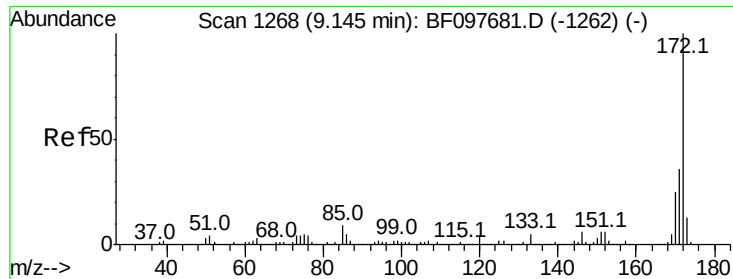
#41
 2,4,6-Tribromophenol
 Concen: 58.068 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097953.D
 Acq: 22 Aug 2017 14:04

Tgt Ion:330 Resp: 67269
 Ion Ratio Lower Upper
 330 100
 332 98.8 76.6 115.0
 141 45.7 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

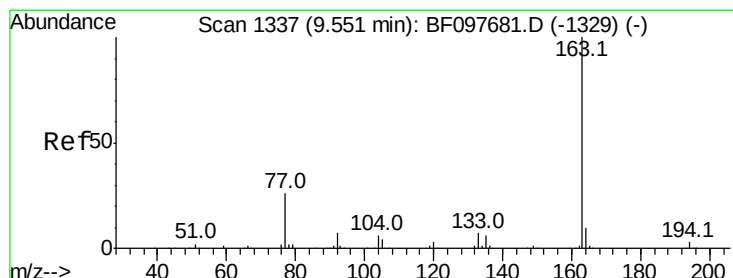
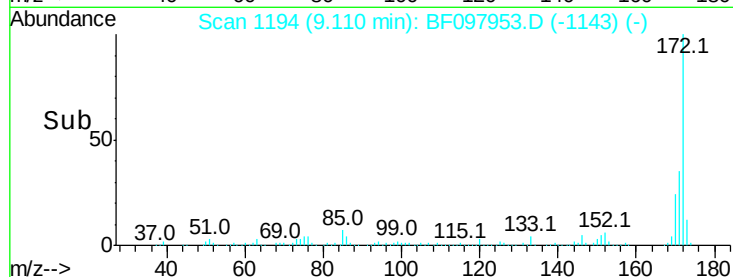
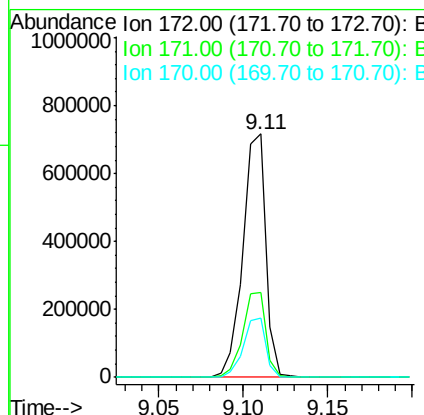
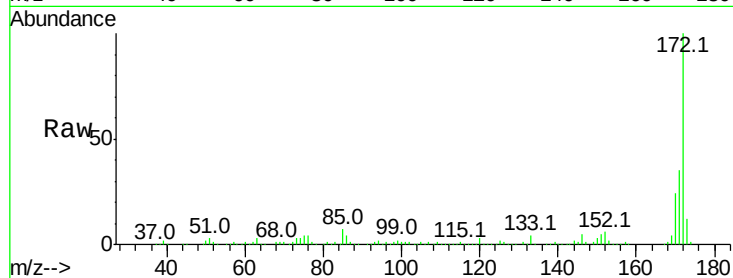




#44
 2-Fluorobiphenyl
 Concen: 74.963 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097953.D
 Acq: 22 Aug 2017 14:04

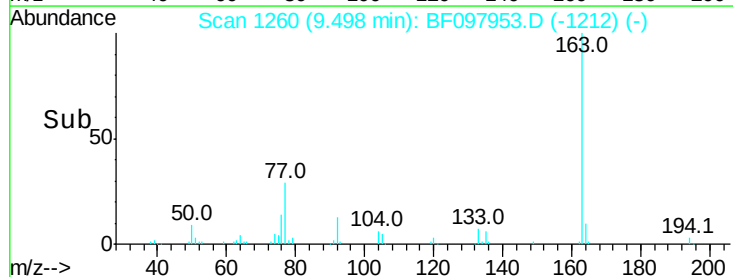
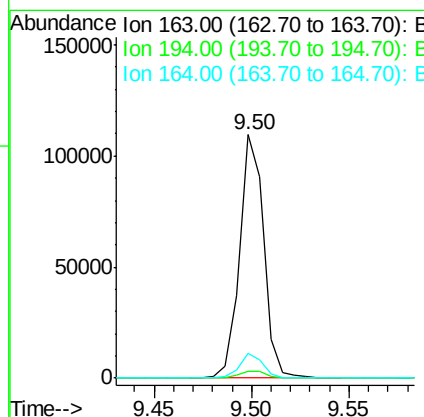
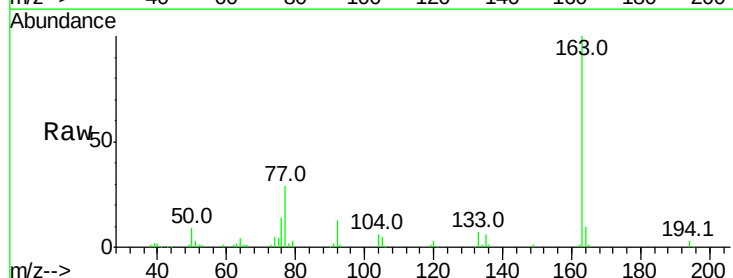
Instrument :
 BNA_F
 ClientSampleId :

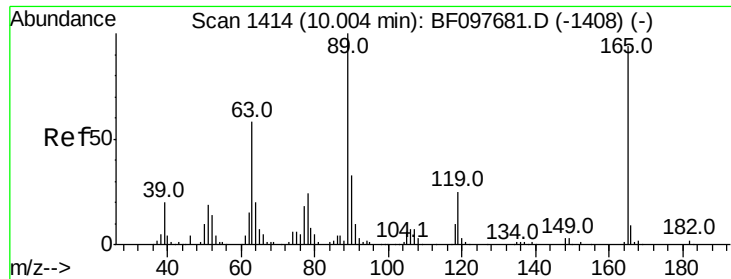
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	24.2	19.8	29.8



#49
 Dimethylphthalate
 Concen: 9.608 ng
 RT: 9.50 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BF097953.D
 Acq: 22 Aug 2017 14:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	4.0
164	10.1	8.4	12.6

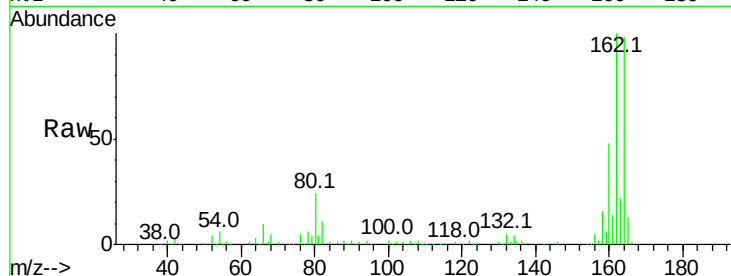




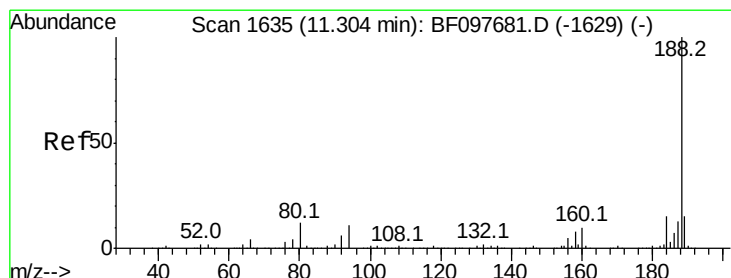
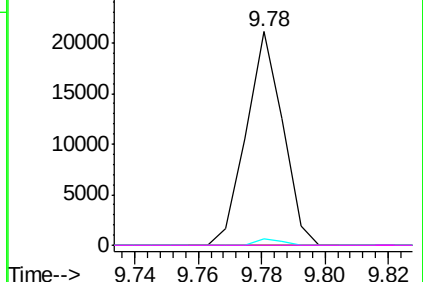
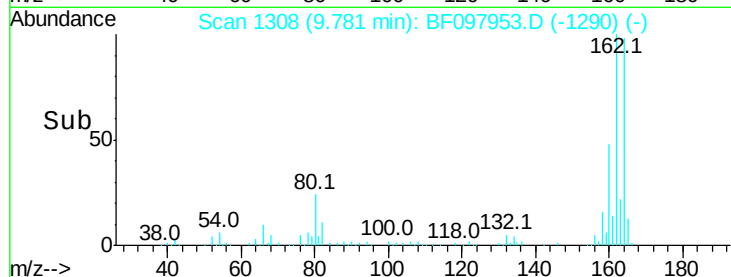
#56
 2,4-Dinitrotoluene
 Concen: 6.901 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.19 min
 Lab File: BF097953.D
 Acq: 22 Aug 2017 14:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 16871
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 2.8 46.4 69.6#
 182 0.0 1.8 2.6#

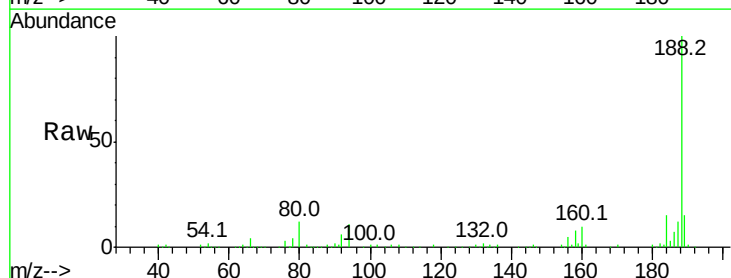


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

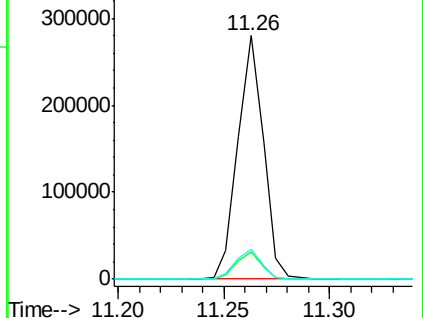
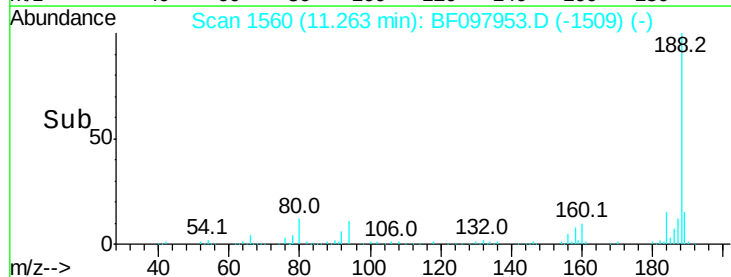


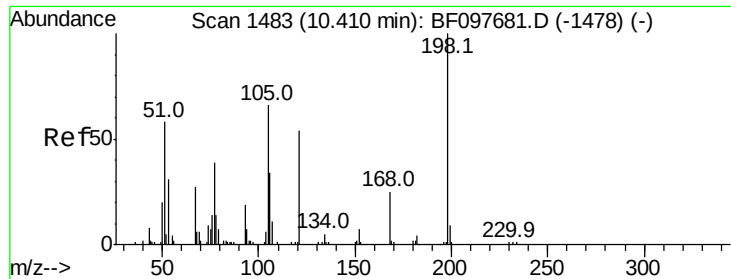
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF097953.D
 Acq: 22 Aug 2017 14:04

Tgt Ion:188 Resp: 235165
 Ion Ratio Lower Upper
 188 100
 94 11.4 9.4 14.2
 80 12.1 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





#64

4,6-Dinitro-2-methylphenol

Concen: 8.411 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.18 min

Lab File: BF097953.D

Acq: 22 Aug 2017 14:04

Instrument :

BNA_F

ClientSampled :

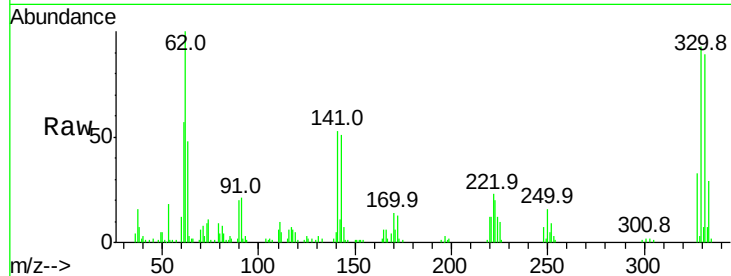
Tot Ion:198 Resp: 121

Ion Ratio Lower Upper

198 100

51 204.1 53.2 93.2#

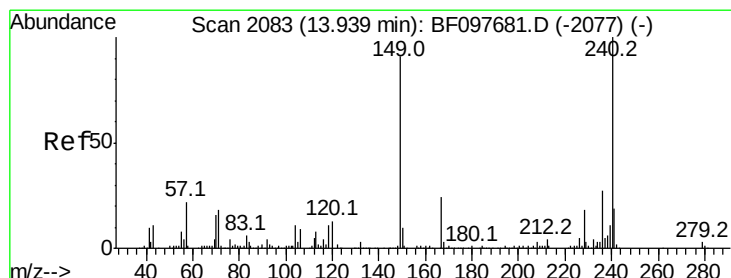
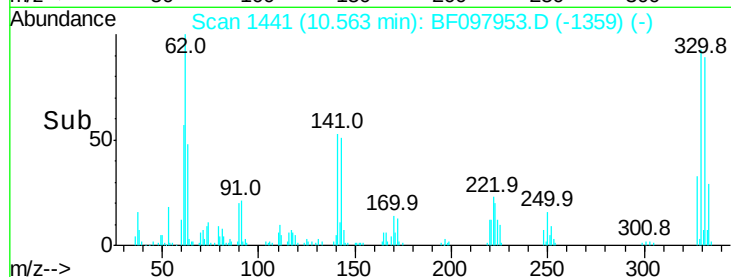
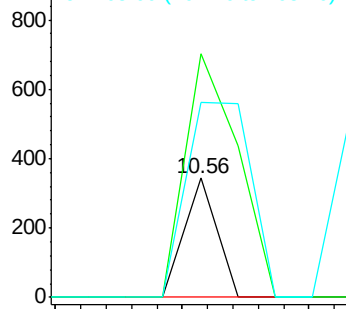
105 163.4 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF097953.D

Acq: 22 Aug 2017 14:04

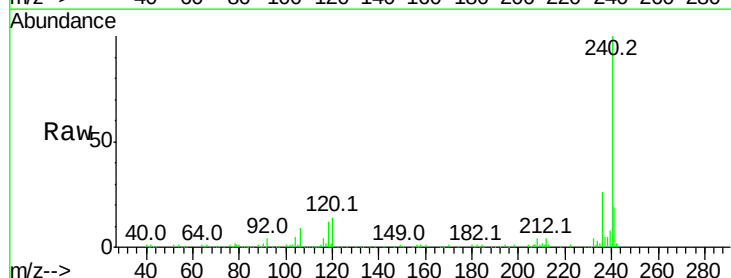
Tgt Ion:240 Resp: 202234

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

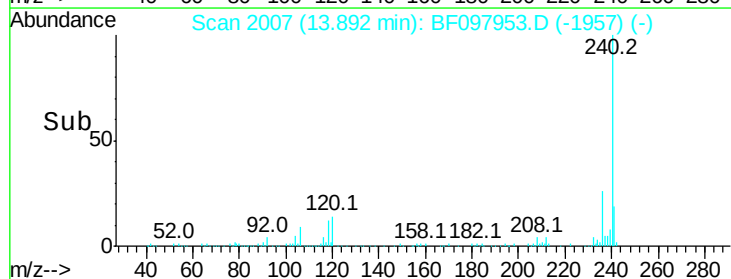
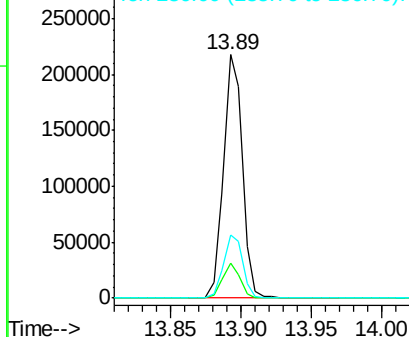
236 25.8 20.5 30.7

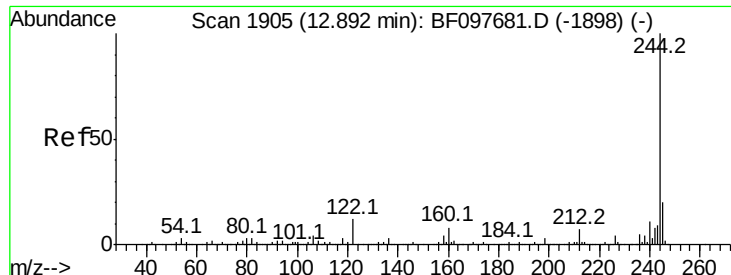


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

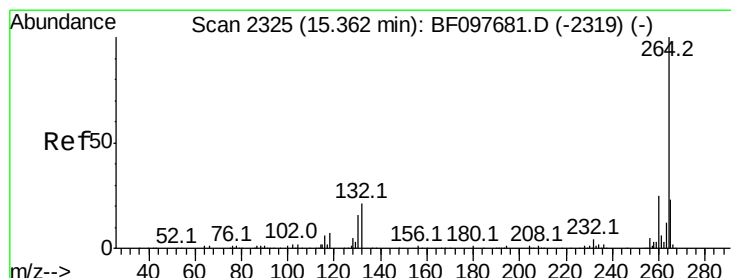
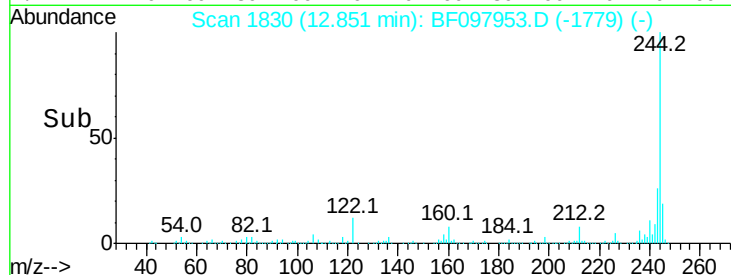
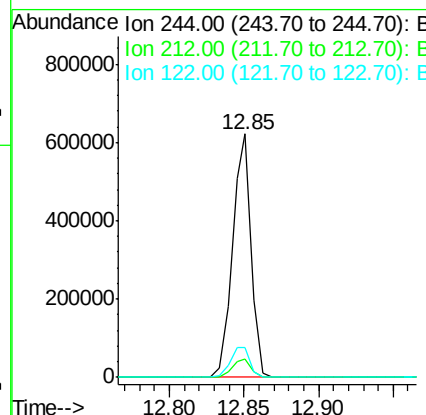
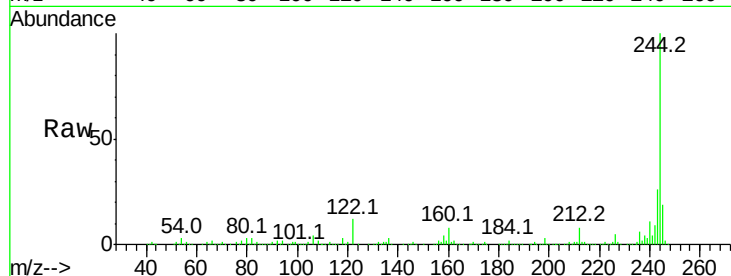




#78
 Terphenyl-d14
 Concen: 56.498 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. 0.00 min
 Lab File: BF097953.D
 Acq: 22 Aug 2017 14:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	12.5	10.3	15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF097953.D
 Acq: 22 Aug 2017 14:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	20.9	17.2	25.8

