

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082117\
 Data File : BF097947.D
 Acq On : 22 Aug 2017 11:18
 Operator : SJ/JU
 Sample : I4900-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONTROL-HOUSE-STAIR

Quant Time: Aug 22 12:09:01 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

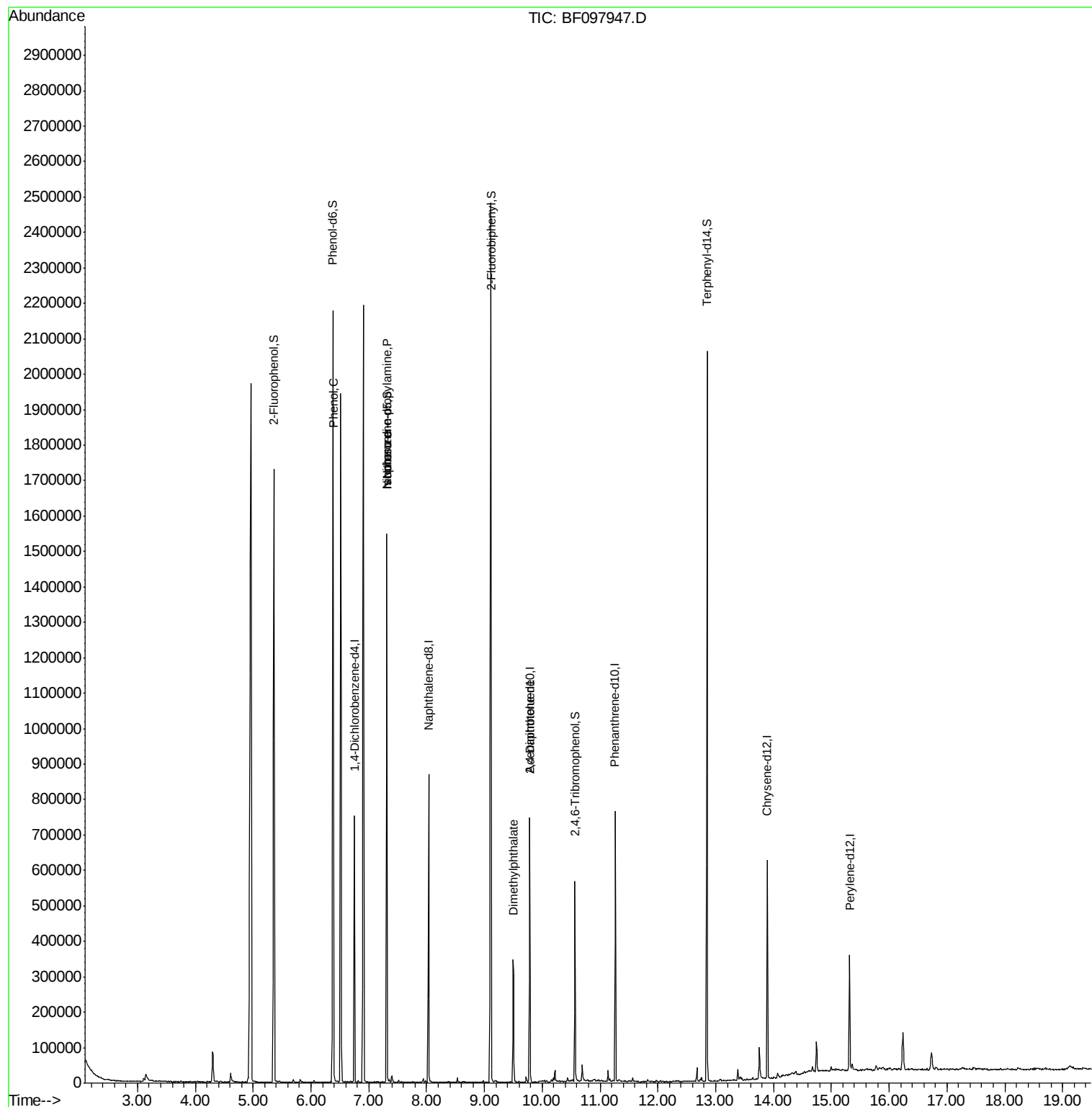
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	104513	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	379949	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	140479	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	244985	20.00	ng	0.00
75) Chrysene-d12	13.89	240	207881	20.00	ng	0.00
86) Perylene-d12	15.32	264	136118	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	461906	67.23	ng	0.00
7) Phenol-d6	6.38	99	811694	86.94	ng	0.00
23) Nitrobenzene-d5	7.31	82	543684	77.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	56851	46.64	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	764199	79.92	ng	0.00
78) Terphenyl-d14	12.85	244	593133	59.50	ng	0.00
Target Compounds						
10) Phenol	6.39	94	30115	2.758	ng	96
19) n-Nitroso-di-n-propylamine	7.31	70	72981	11.420	ng	# 73
25) Isophorone	7.31	82	533895	36.711	ng	# 67
49) Dimethylphthalate	9.50	163	126202	12.290	ng	99
56) 2,4-Dinitrotoluene	9.78	165	18062	7.022	ng	# 32

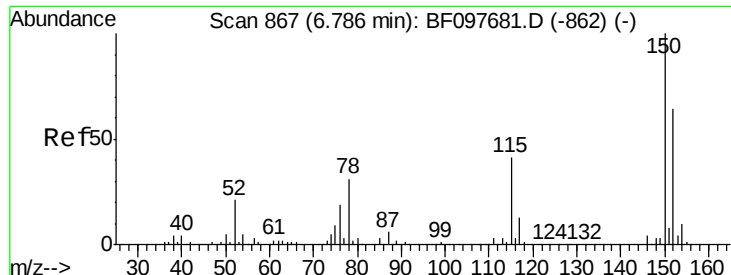
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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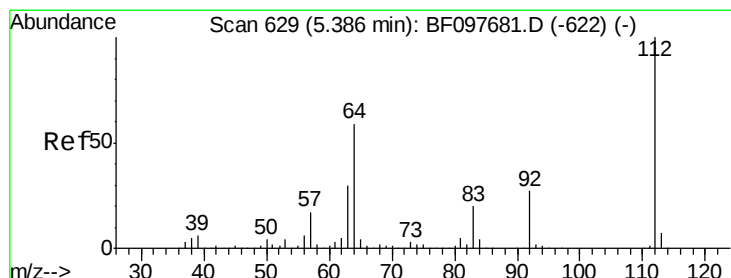
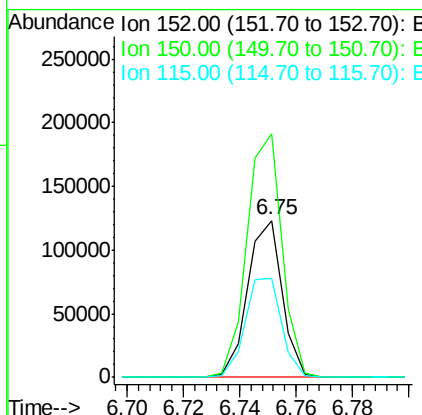
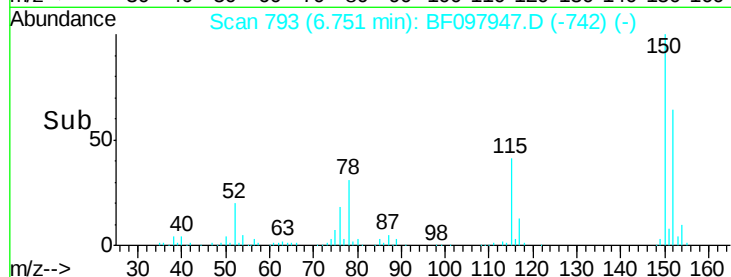
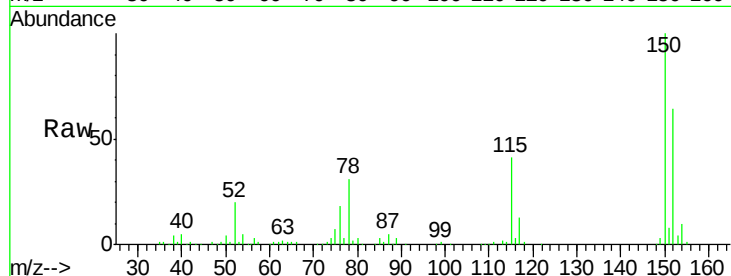




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF097947.D
 Acq: 22 Aug 2017 11:18

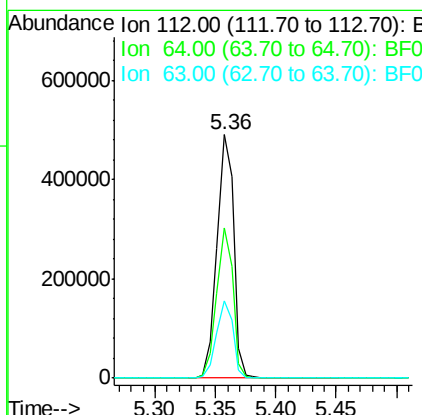
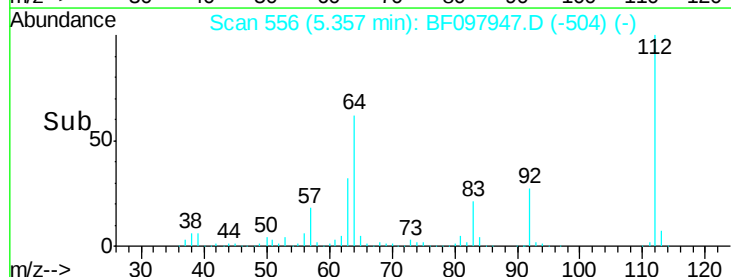
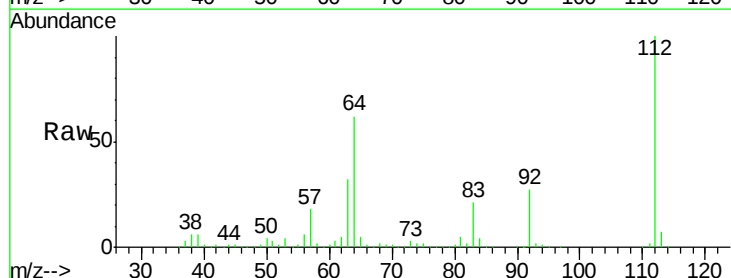
Instrument :
 BNA_F
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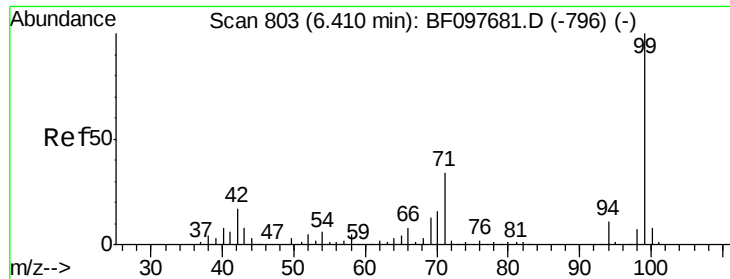
Tgt Ion:152 Resp: 104513
 Ion Ratio Lower Upper
 152 100
 150 155.2 126.2 189.2
 115 63.4 52.2 78.2



#5
 2-Fluorophenol
 Concen: 67.225 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF097947.D
 Acq: 22 Aug 2017 11:18

Tgt Ion:112 Resp: 461906
 Ion Ratio Lower Upper
 112 100
 64 61.8 46.0 69.0
 63 31.5 23.4 35.0





#7

Phenol-d6

Concen: 86.945 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097947.D

Acq: 22 Aug 2017 11:18

Instrument :

BNA_F

ClientSampleId :

CONTROL-HOUSE-STAIR

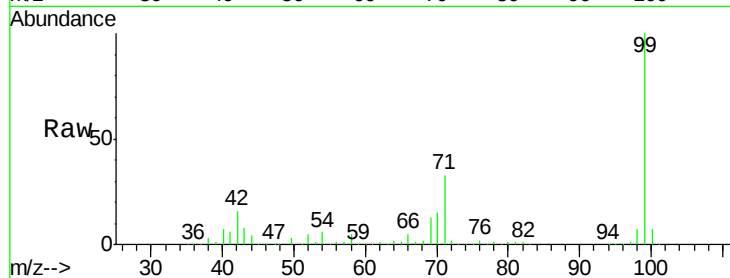
Tgt Ion: 99 Resp: 811694

Ion Ratio Lower Upper

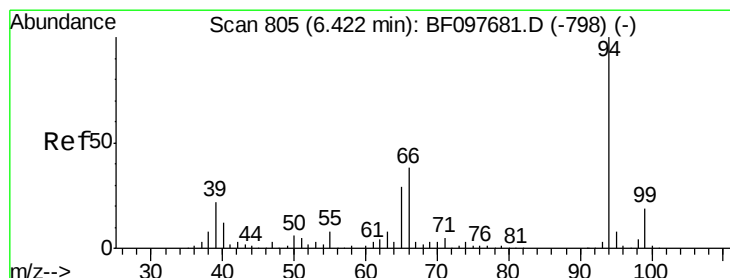
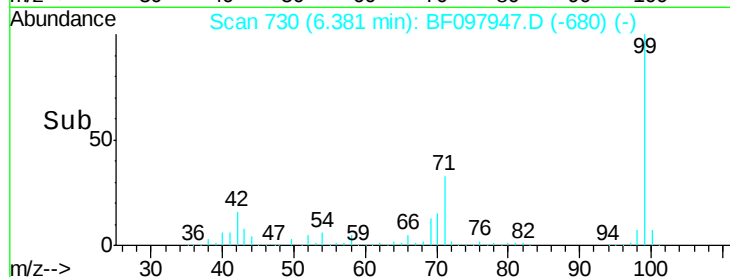
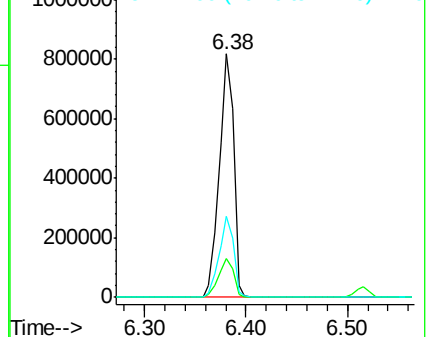
99 100

42 16.1 13.5 20.3

71 33.4 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: 2.758 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF097947.D

Acq: 22 Aug 2017 11:18

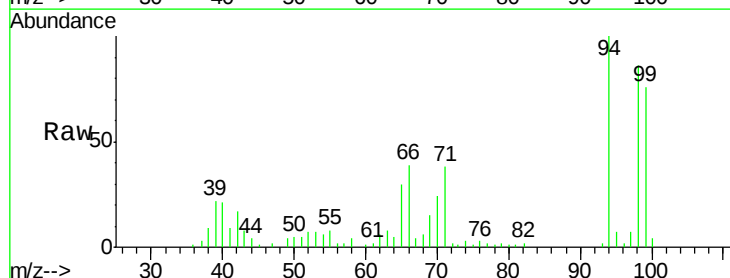
Tgt Ion: 94 Resp: 30115

Ion Ratio Lower Upper

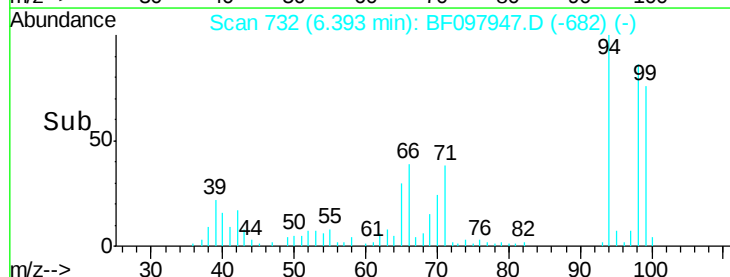
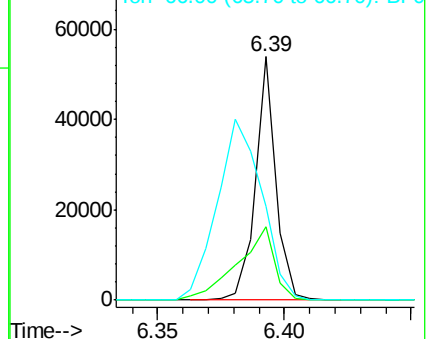
94 100

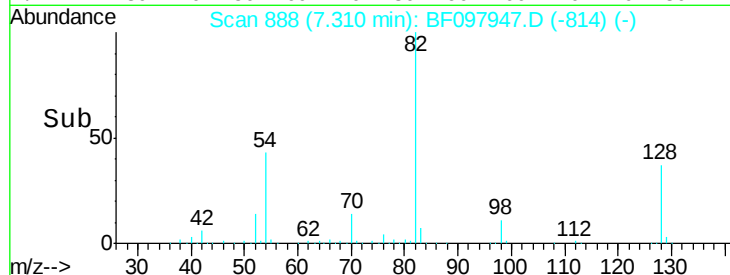
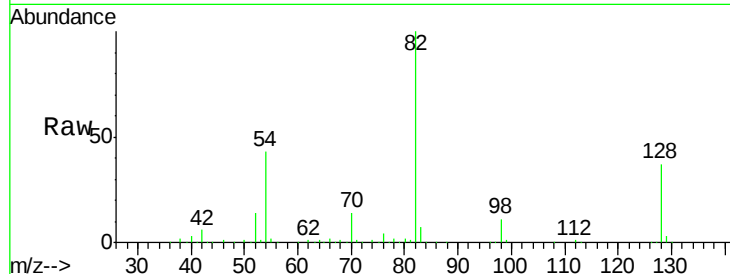
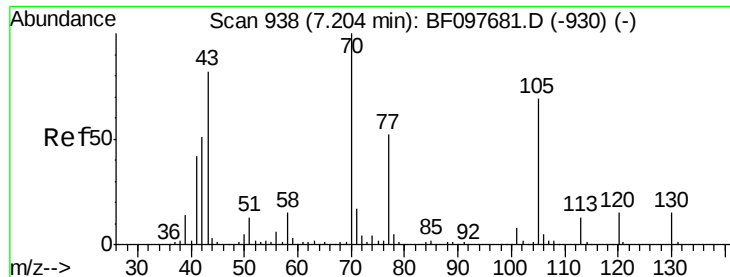
65 30.1 9.9 49.9

66 38.8 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

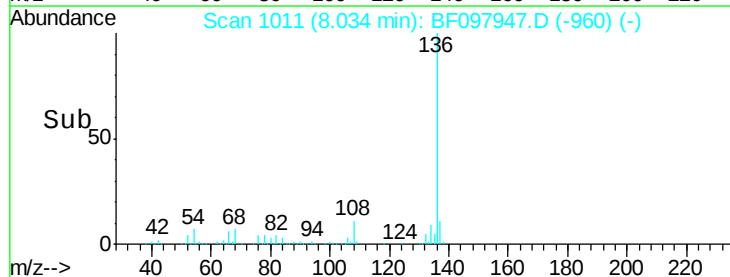
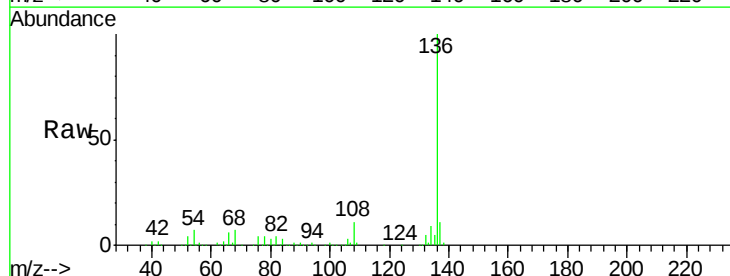
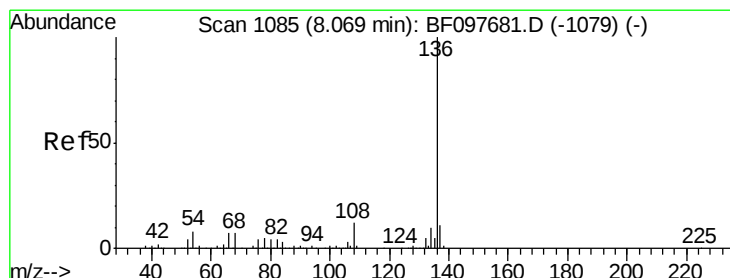
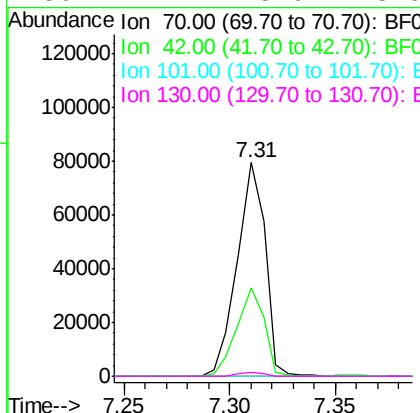




#19
n-Nitroso-di-n-propylamine
Concen: 11.420 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.14 min
Lab File: BF097947.D
Acq: 22 Aug 2017 11:18

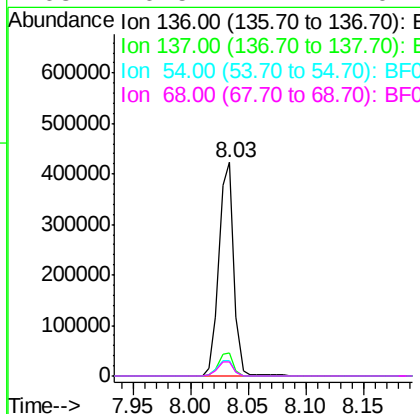
Instrument :
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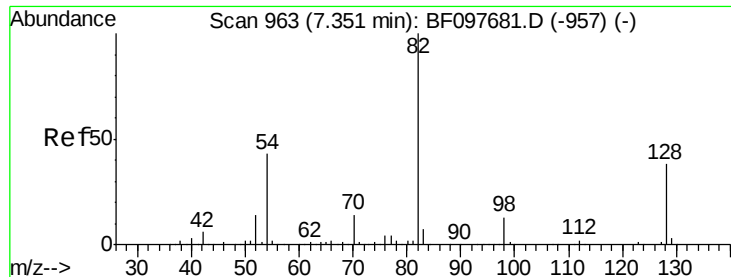
Tgt Ion: 70 Resp: 72981
Ion Ratio Lower Upper
70 100
42 41.5 47.2 70.8#
101 0.0 7.2 10.8#
130 1.7 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF097947.D
Acq: 22 Aug 2017 11:18

Tgt Ion: 136 Resp: 379949
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.0 4.9 7.3
68 6.5 4.1 6.1#

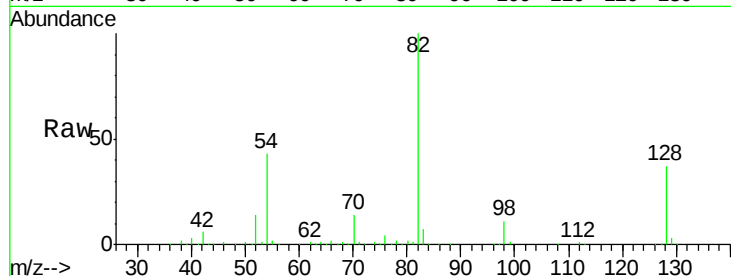




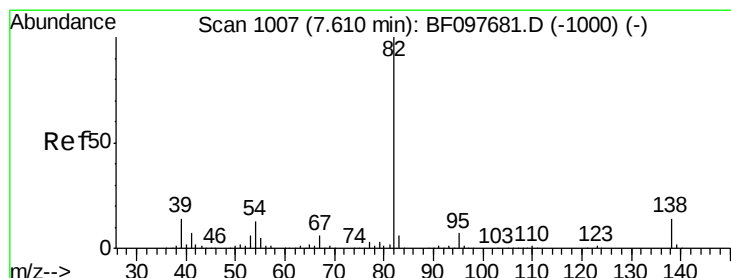
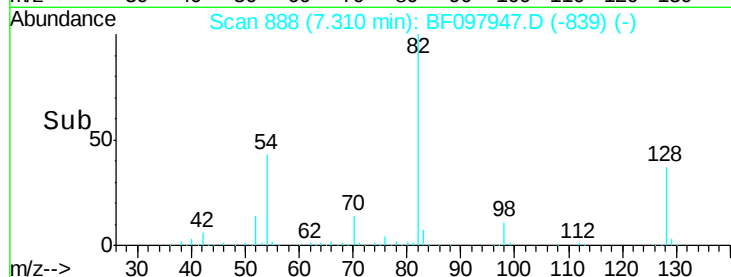
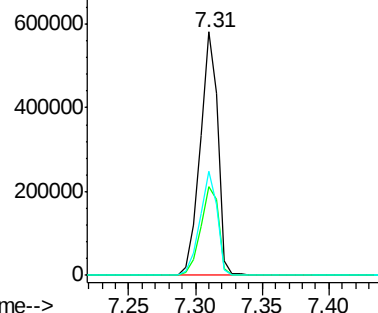
#23
 Nitrobenzene-d5
 Concen: 77.735 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF097947.D
 Acq: 22 Aug 2017 11:18

Instrument :
 BNA_F
 ClientSampleId :
 CONTROL-HOUSE-STAIR

Tgt Ion: 82 Resp: 543684
 Ion Ratio Lower Upper
 82 100
 128 36.6 34.0 51.0
 54 42.9 42.2 63.2

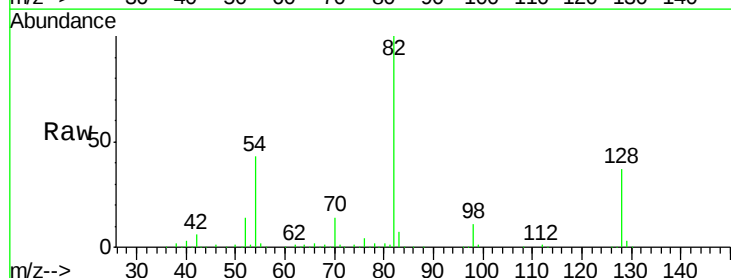


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

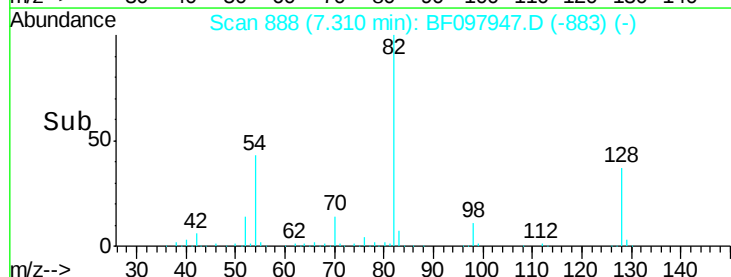
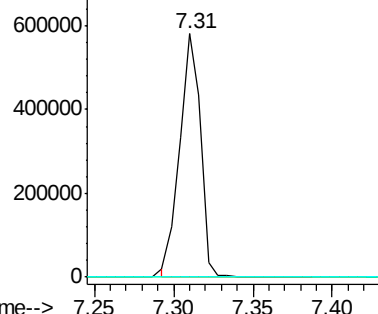


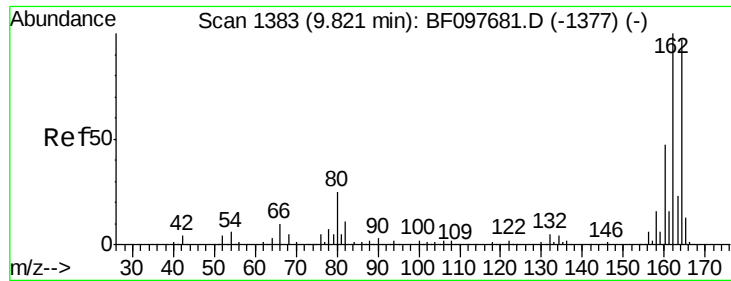
#25
 Isophorone
 Concen: 36.711 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.27 min
 Lab File: BF097947.D
 Acq: 22 Aug 2017 11:18

Tgt Ion: 82 Resp: 533895
 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

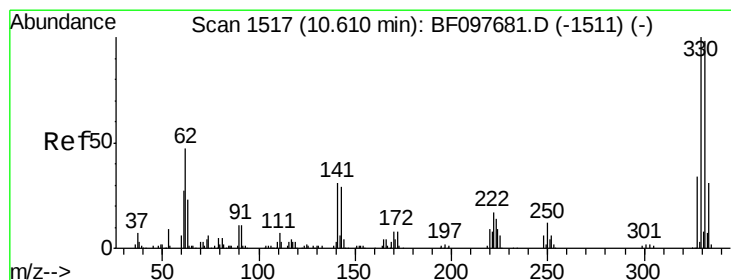
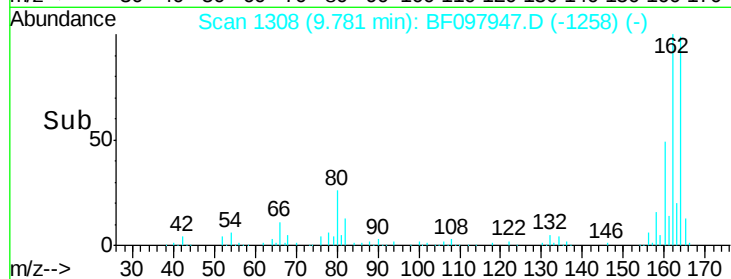
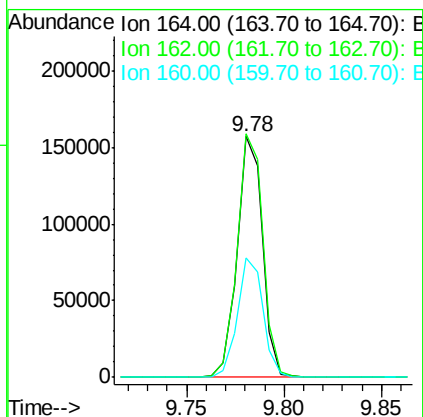
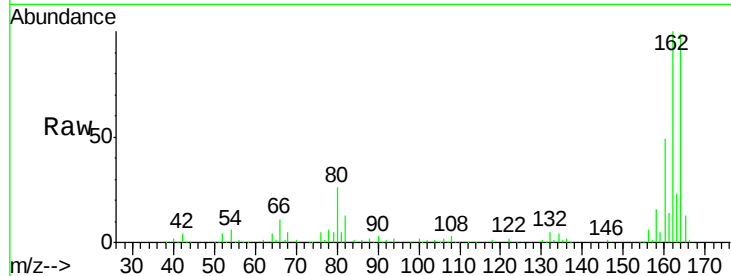




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097947.D
 Acq: 22 Aug 2017 11:18

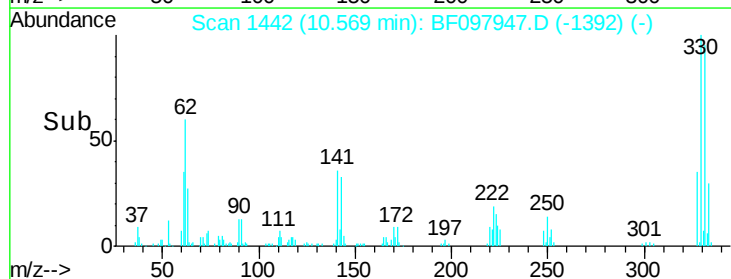
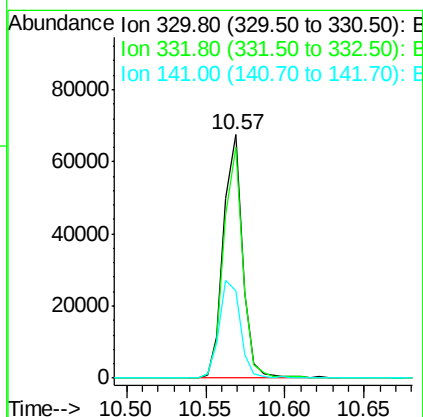
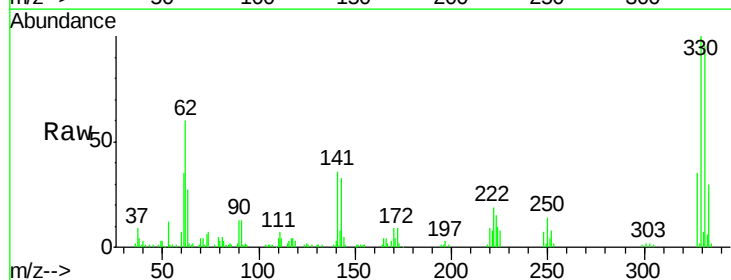
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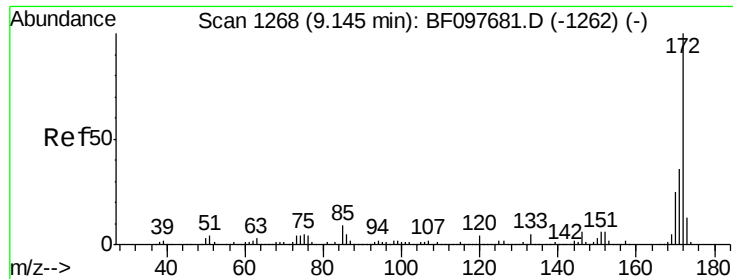
Tgt Ion:164 Resp: 140479
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.6 123.8
 160 49.6 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 46.642 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097947.D
 Acq: 22 Aug 2017 11:18

Tgt Ion:330 Resp: 56851
 Ion Ratio Lower Upper
 330 100
 332 93.8 76.6 115.0
 141 43.9 31.4 47.2

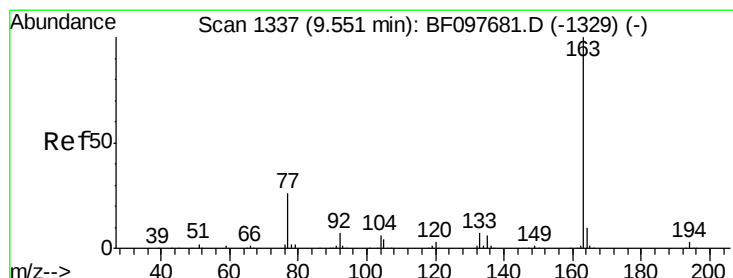
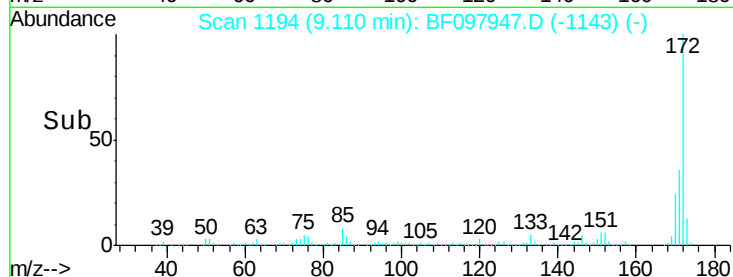
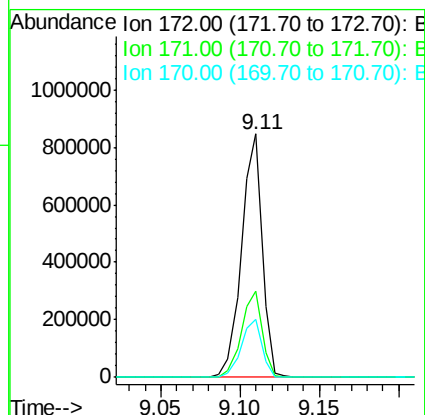
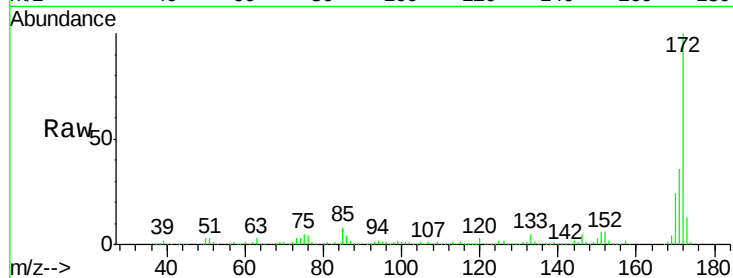




#44
 2-Fluorobiphenyl
 Concen: 79.924 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097947.D
 Acq: 22 Aug 2017 11:18

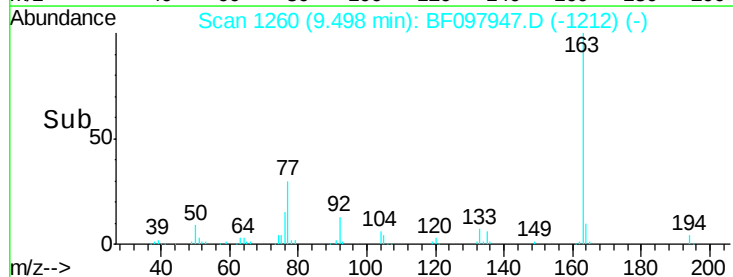
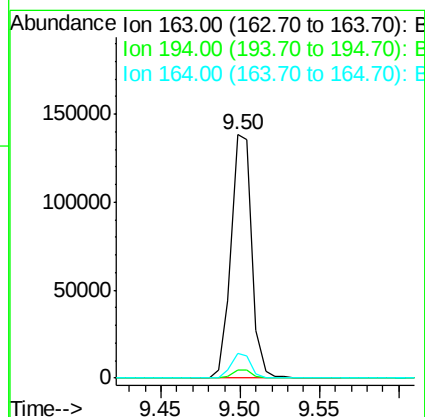
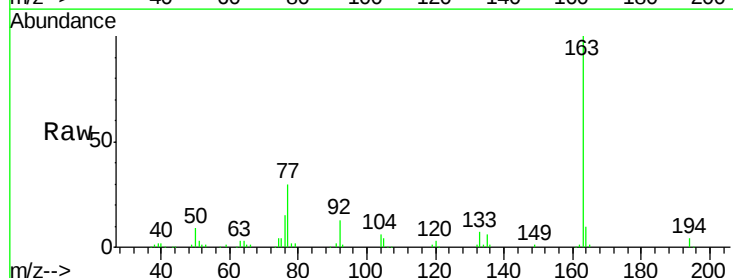
Instrument :
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Tgt Ion:172 Resp: 764199
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 24.1 19.8 29.8



#49
 Dimethylphthalate
 Concen: 12.290 ng
 RT: 9.50 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BF097947.D
 Acq: 22 Aug 2017 11:18

Tgt Ion:163 Resp: 126202
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.6 4.0
 164 10.1 8.4 12.6

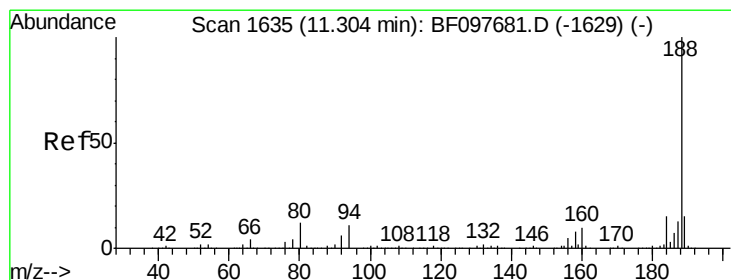
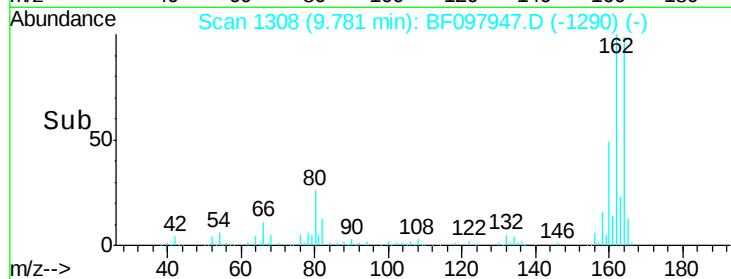
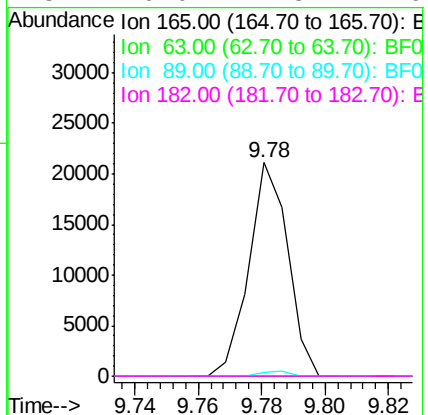
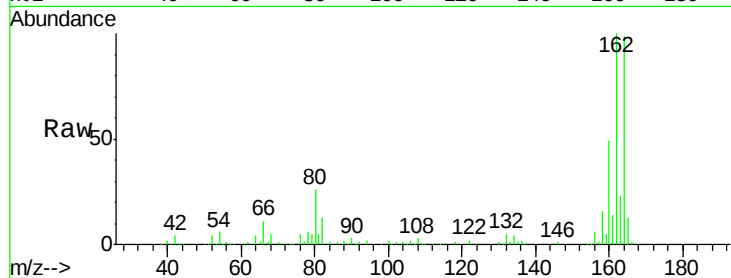




#56
 2,4-Dinitrotoluene
 Concen: 7.022 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.19 min
 Lab File: BF097947.D
 Acq: 22 Aug 2017 11:18

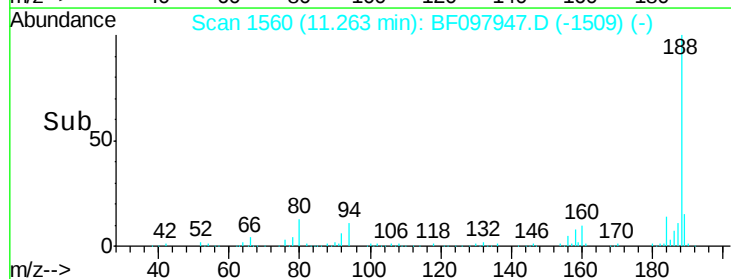
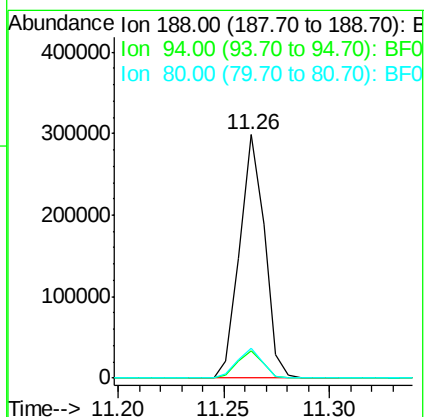
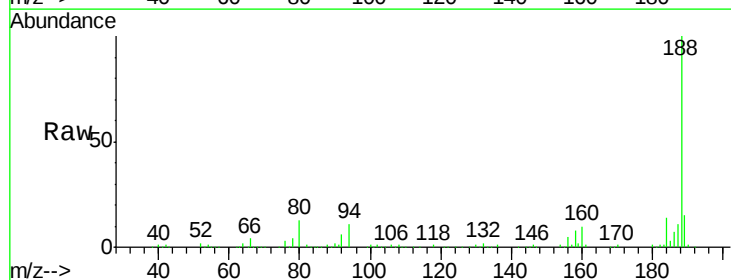
Instrument :
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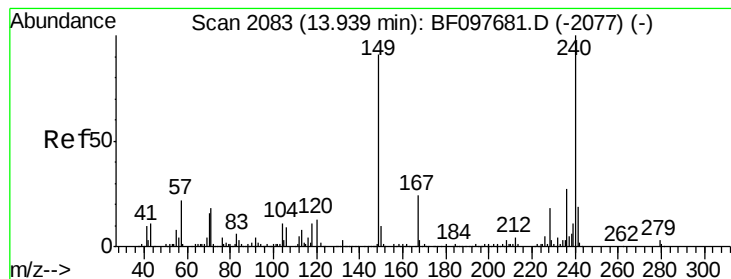
Tgt Ion:165 Resp: 18062
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 1.9 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF097947.D
 Acq: 22 Aug 2017 11:18

Tgt Ion:188 Resp: 244985
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.4 14.2
 80 12.5 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF097947.D

Acq: 22 Aug 2017 11:18

Instrument :

BNA_F

ClientSampleId :

CONTROL-HOUSE-STAIR

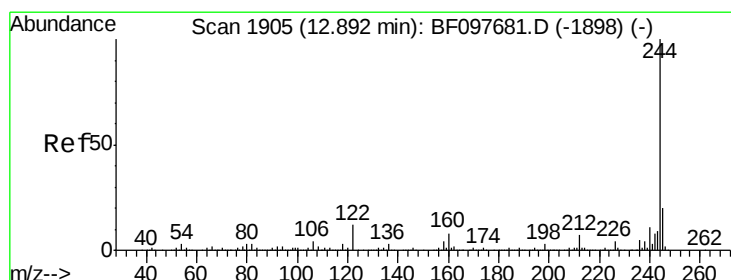
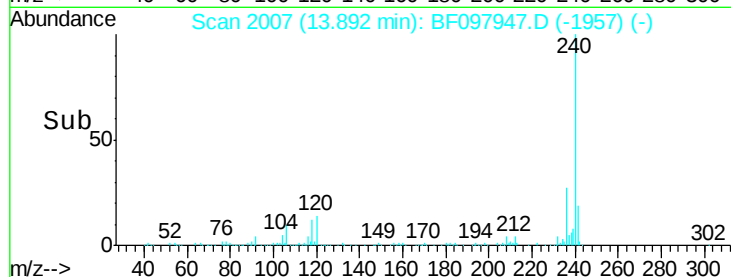
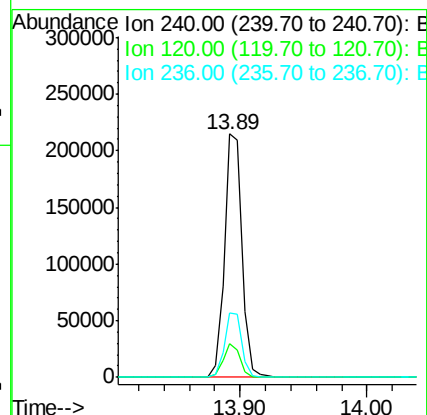
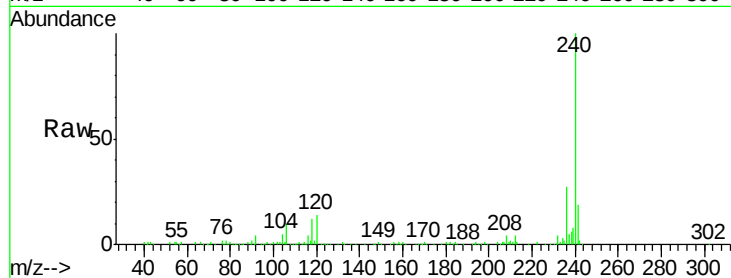
Tgt Ion:240 Resp: 207881

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

236 26.5 20.5 30.7



#78

Terphenyl-d14

Concen: 59.500 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF097947.D

Acq: 22 Aug 2017 11:18

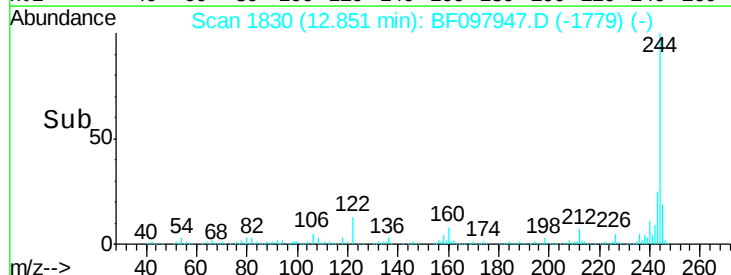
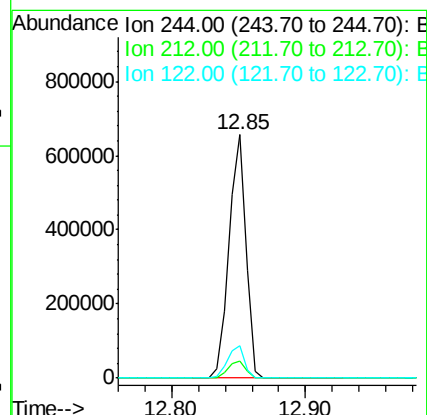
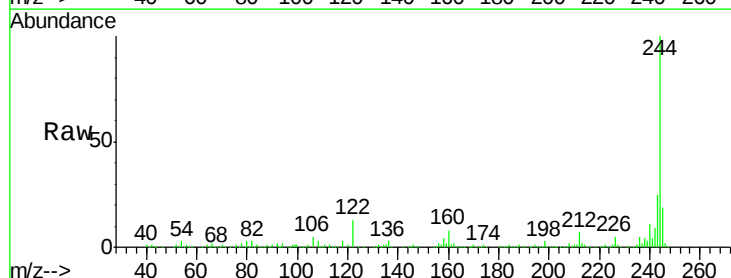
Tgt Ion:244 Resp: 593133

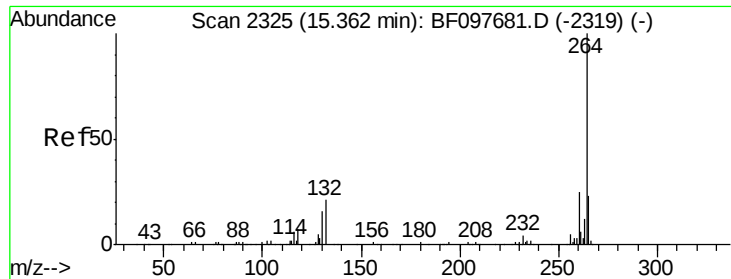
Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 13.1 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: BF097947.D
Acq: 22 Aug 2017 11:18

Instrument :
BNA_F
ClientSampleId :
CONTROL-HOUSE-STAIR

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.6	17.2	25.8

