

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097962.D
 Acq On : 22 Aug 2017 19:13
 Operator : SJ/JU
 Sample : PB101741BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101741BL

Quant Time: Aug 23 01:04:32 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

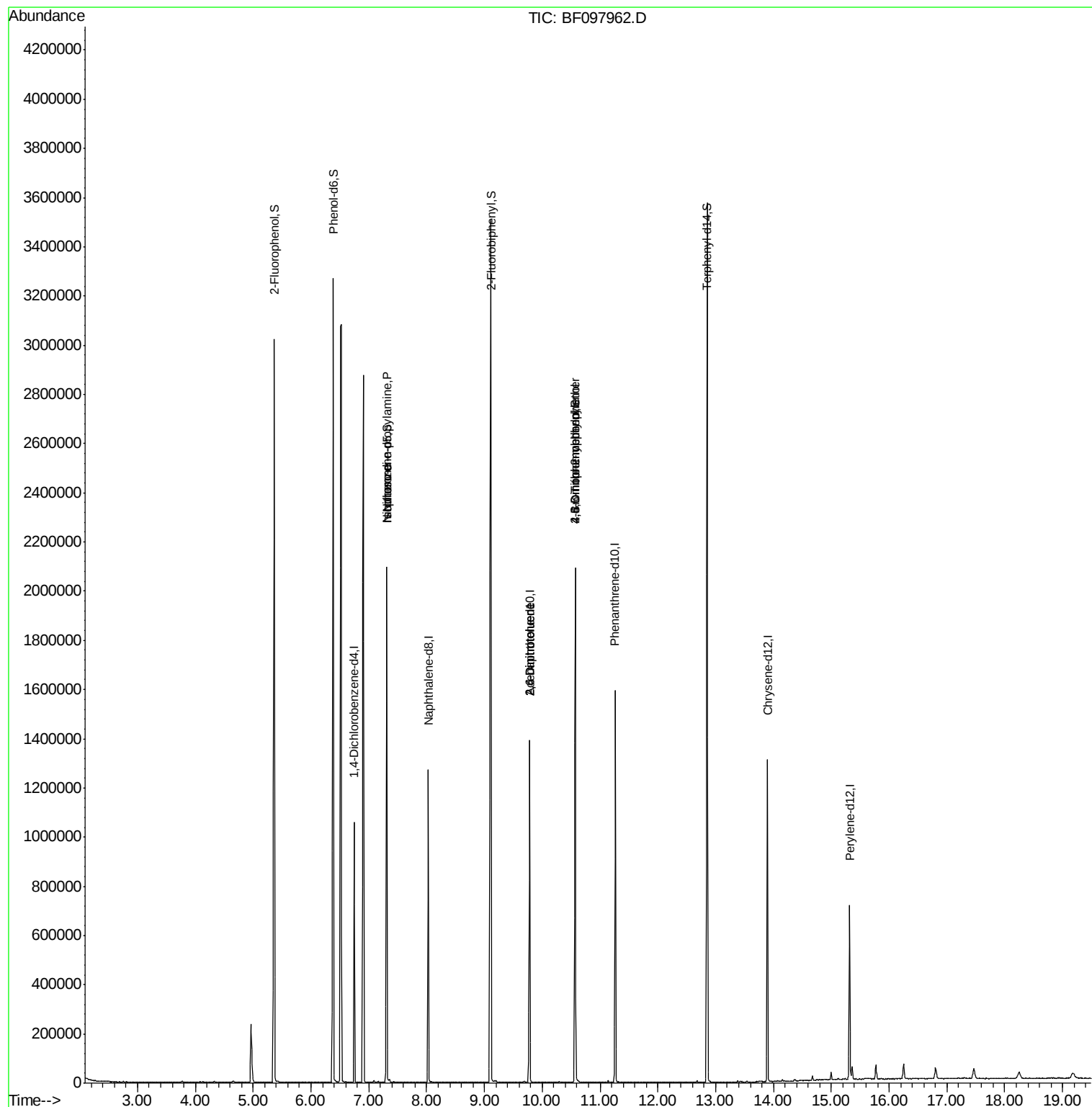
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	137410	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	559787	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	263064	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	538960	20.00	ng	0.00
75) Chrysene-d12	13.90	240	458277	20.00	ng	0.00
86) Perylene-d12	15.32	264	316312	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1050383	116.27	ng	0.02
7) Phenol-d6	6.39	99	1379721	112.41	ng	0.00
23) Nitrobenzene-d5	7.31	82	893777	86.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	294456	129.01	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1328708	74.21	ng	0.00
78) Terphenyl-d14	12.86	244	1291345	58.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	120570	14.35	ng	# 72
25) Isophorone	7.31	82	884295	41.27	ng	# 67
50) 2,6-Dinitrotoluene	9.78	165	33429	8.71	ng	# 34
56) 2,4-Dinitrotoluene	9.78	165	33429	6.94	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.57	198	783	8.58	ng	# 5
66) 4-Bromophenyl-phenylether	10.57	248	18923	3.38	ng	# 1

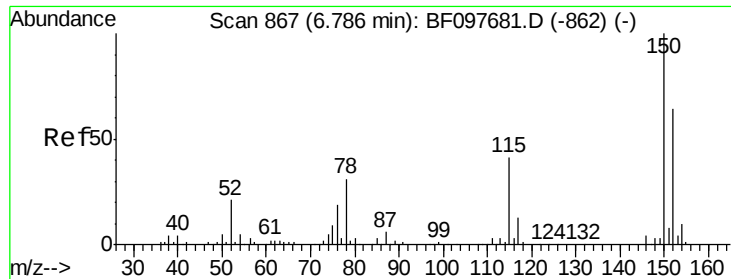
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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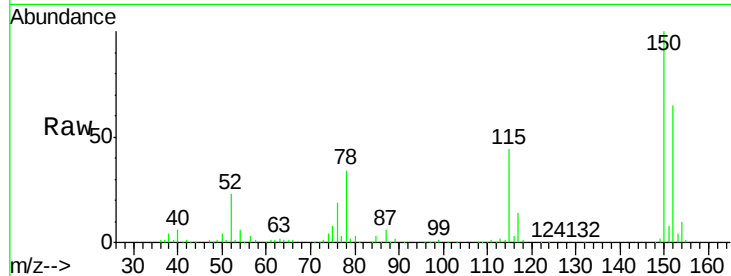


#1

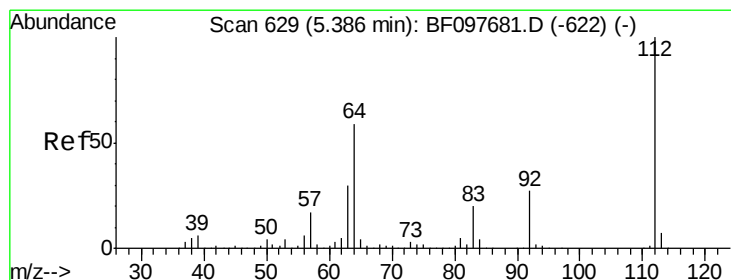
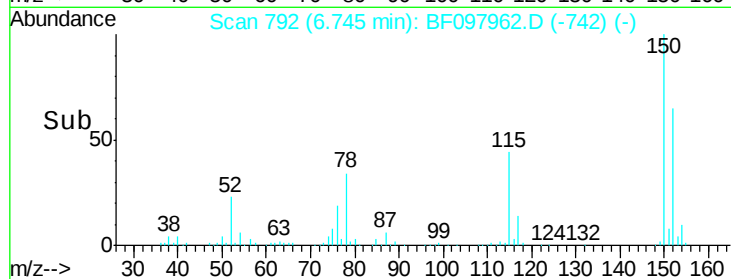
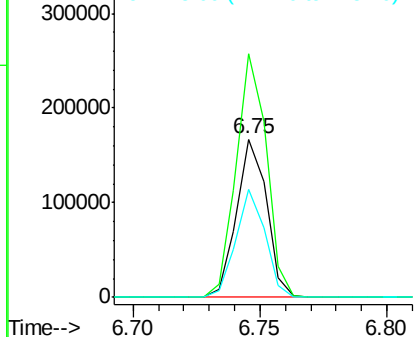
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF097962.D
Acq: 22 Aug 2017 19:13

Instrument :
BNA_F
ClientSampleId :
PB101741BL

Tot Ion:152 Resp: 137410
Ion Ratio Lower Upper
152 100
150 154.1 126.2 189.2
115 68.1 52.2 78.2



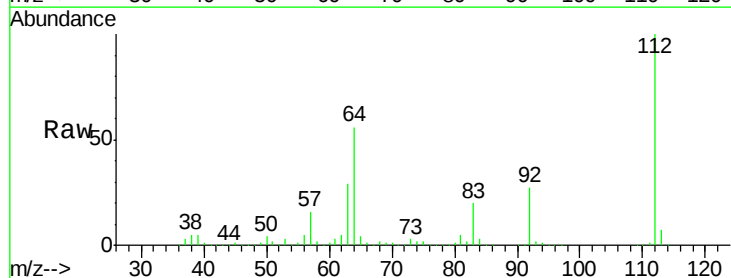
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



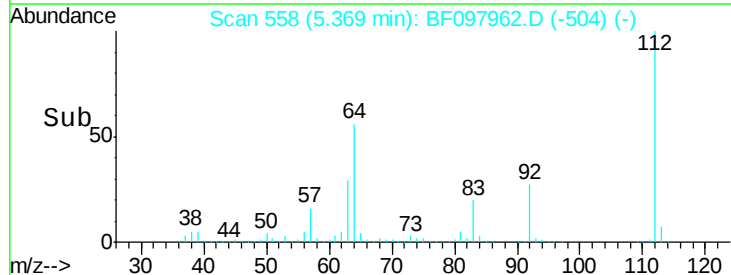
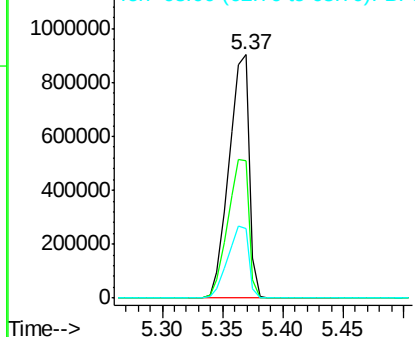
#5

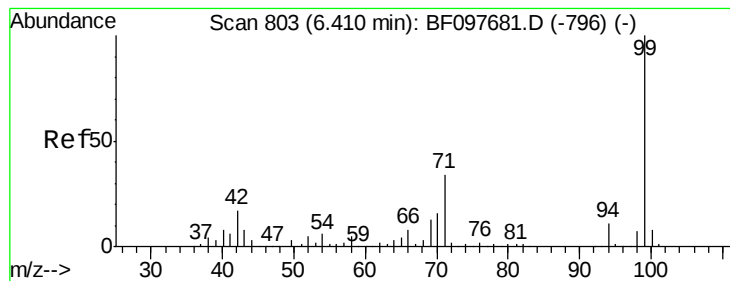
2-Fluorophenol
Concen: 116.27 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF097962.D
Acq: 22 Aug 2017 19:13

Tgt Ion:112 Resp: 1050383
Ion Ratio Lower Upper
112 100
64 56.2 46.0 69.0
63 28.7 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: 112.41 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097962.D

Acq: 22 Aug 2017 19:13

Instrument :

BNA_F

ClientSampleId :

PB101741BL

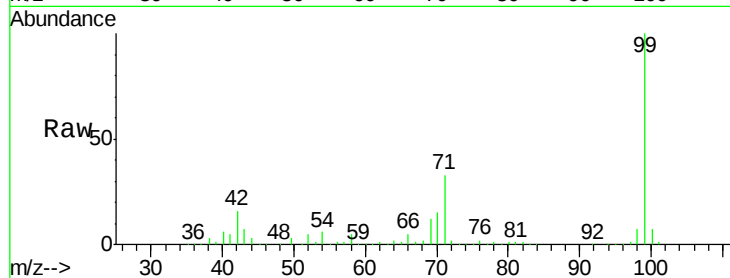
Tot Ion: 99 Resp: 1379721

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

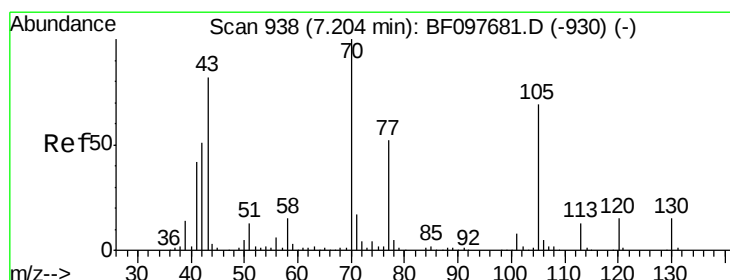
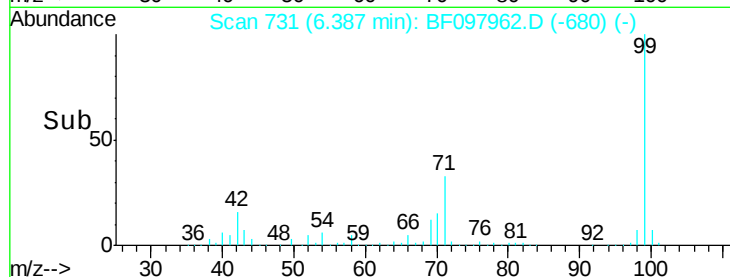
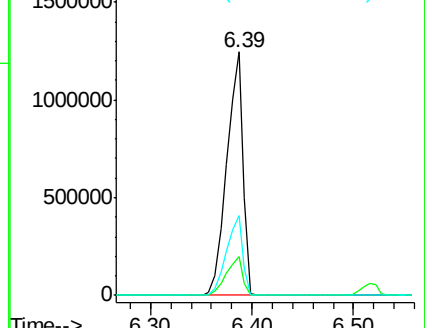
71 32.7 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.35 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF097962.D

Acq: 22 Aug 2017 19:13

Tgt Ion: 70 Resp: 120570

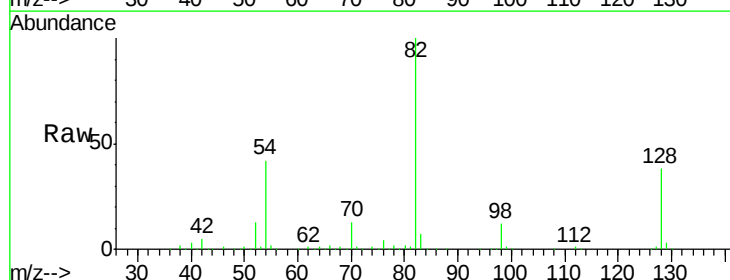
Ion Ratio Lower Upper

70 100

42 40.9 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

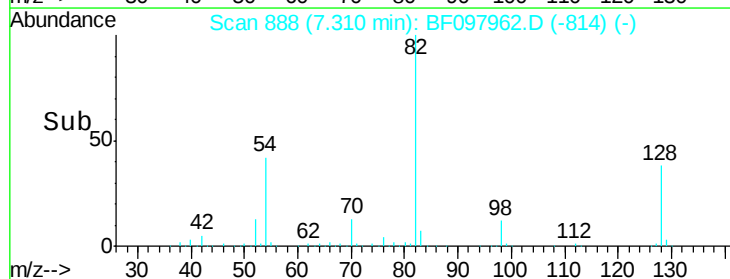
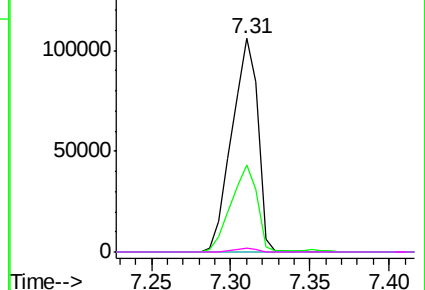


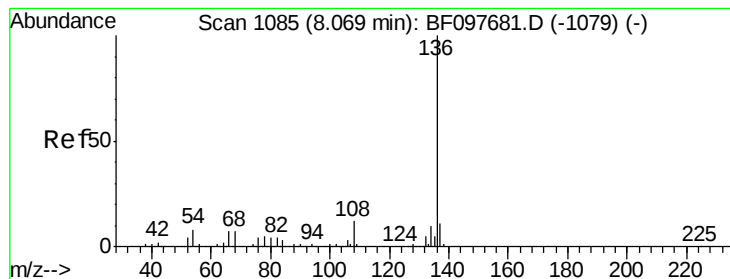
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF097962.D

Acq: 22 Aug 2017 19:13

Instrument :

BNA_F

ClientSampleId :

PB101741BL

Tot Ion:136 Resp: 559787

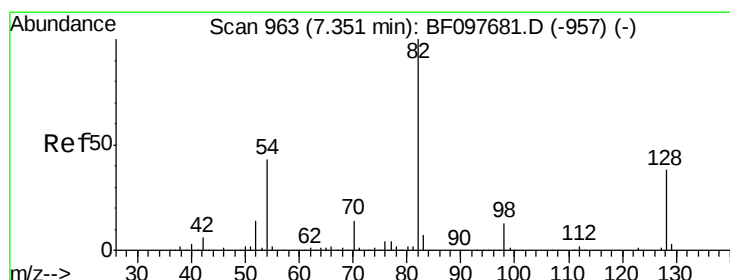
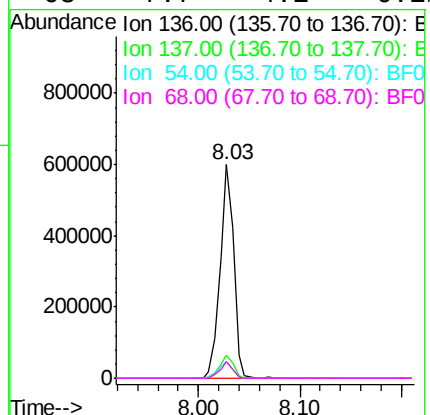
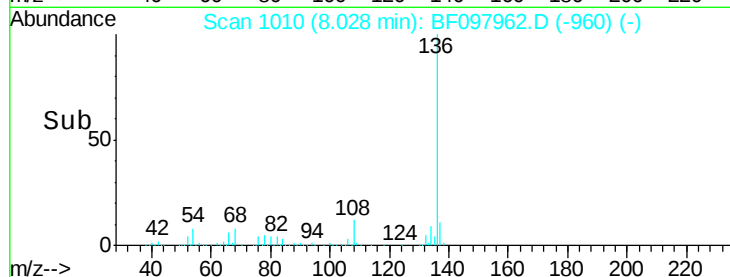
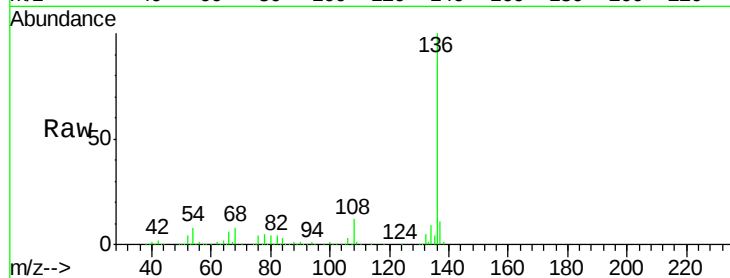
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.6 4.9 7.3#

68 7.7 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 86.74 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF097962.D

Acq: 22 Aug 2017 19:13

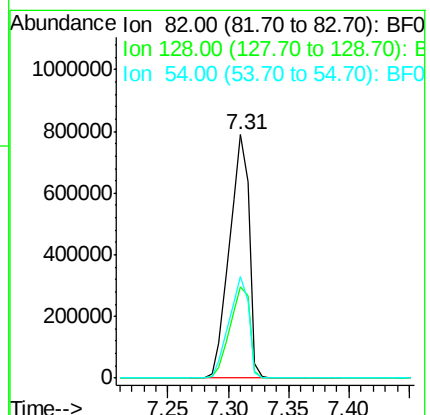
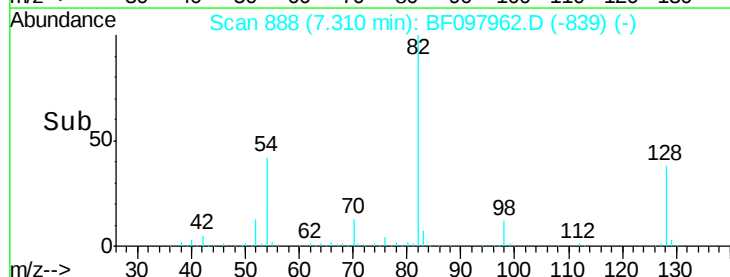
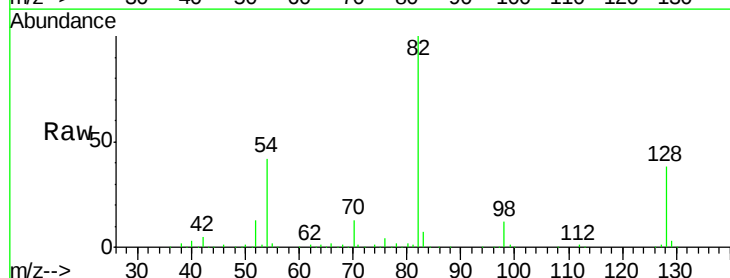
Tgt Ion: 82 Resp: 893777

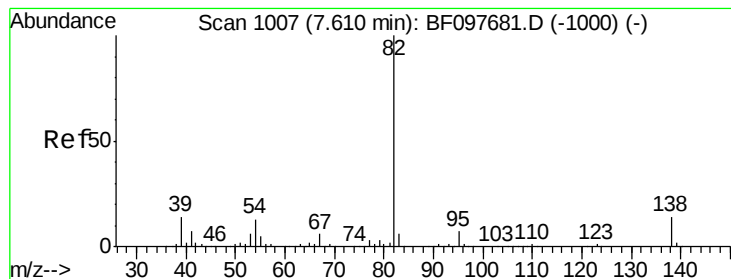
Ion Ratio Lower Upper

82 100

128 37.6 34.0 51.0

54 41.6 42.2 63.2#





#25

Isophorone

Concen: 41.27 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.27 min

Lab File: BF097962.D

Acq: 22 Aug 2017 19:13

Instrument :

BNA_F

ClientSampleId :

PB101741BL

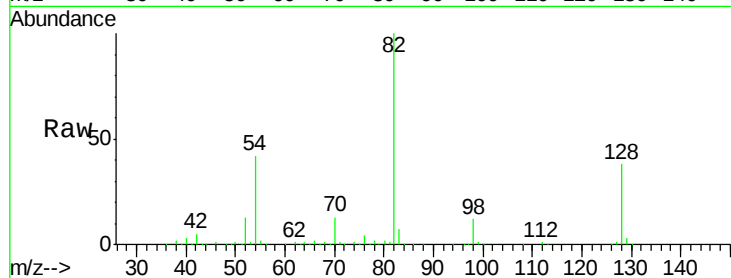
Tot Ion: 82 Resp: 884295

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

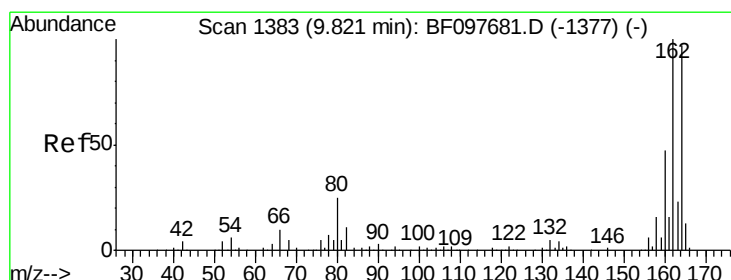
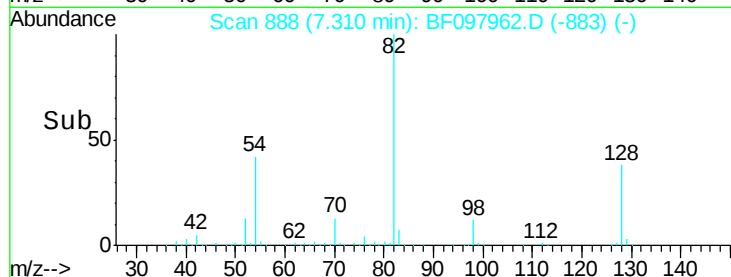
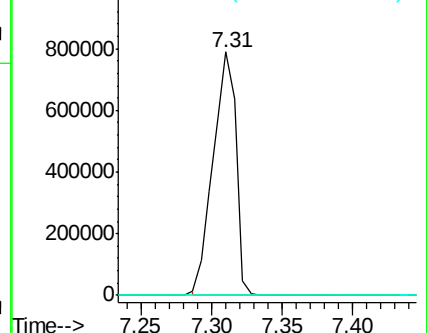
138 0.0 13.1 19.7#



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: 20.00 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF097962.D

Acq: 22 Aug 2017 19:13

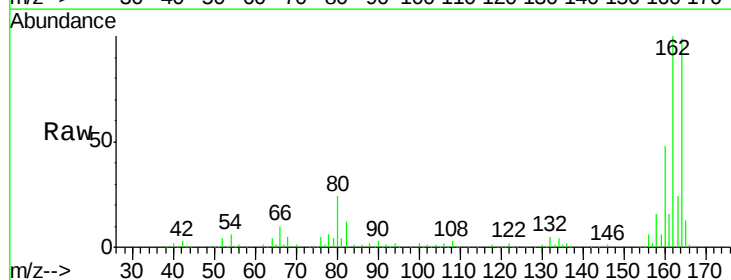
Tgt Ion:164 Resp: 263064

Ion Ratio Lower Upper

164 100

162 100.9 82.6 123.8

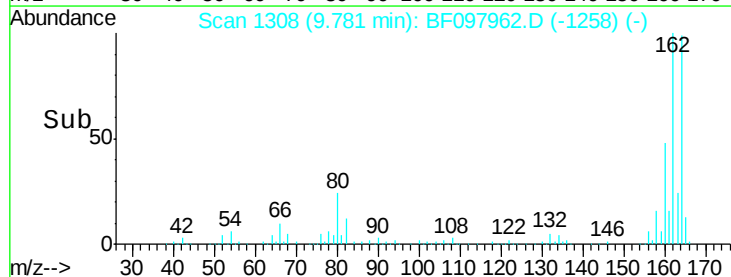
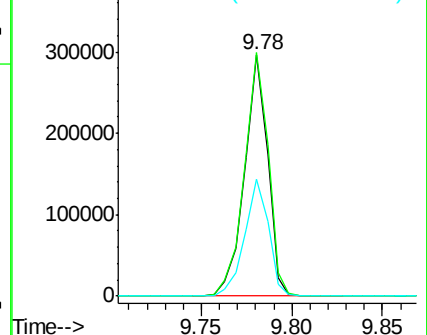
160 48.5 36.2 54.2

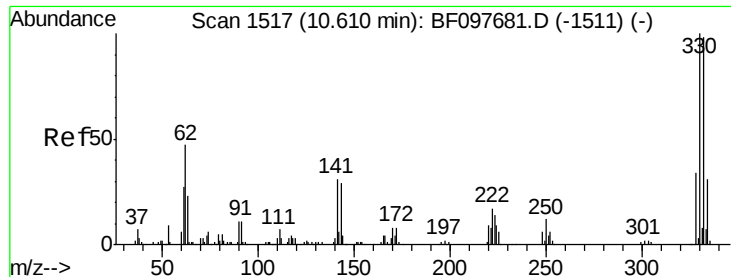


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

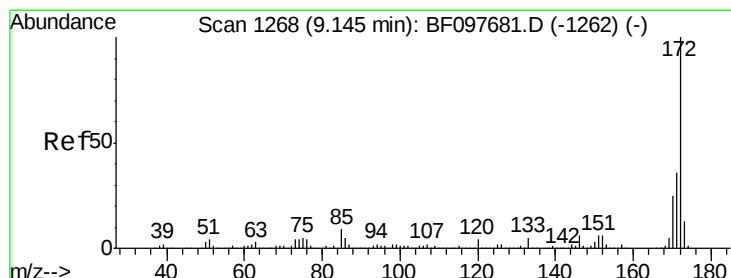
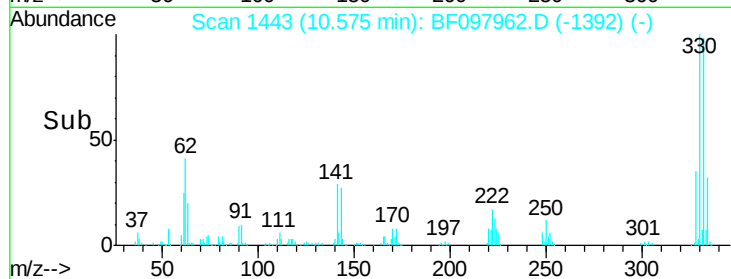
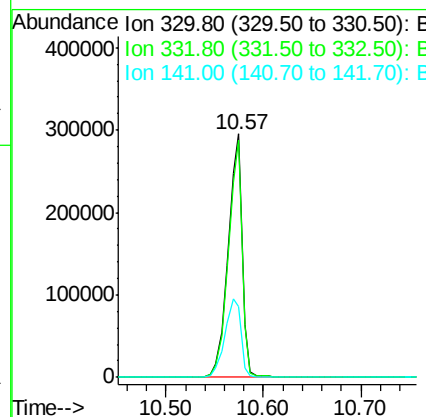
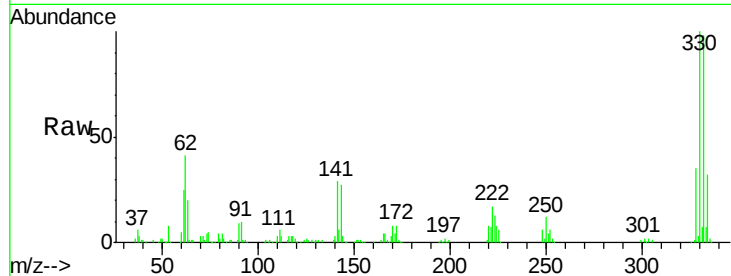




#41
 2,4,6-Tribromophenol
 Concen: 129.01 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF097962.D
 Acq: 22 Aug 2017 19:13

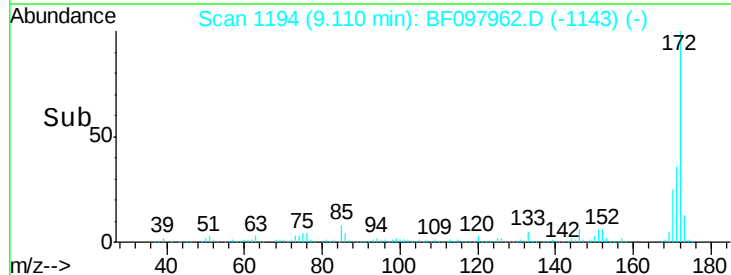
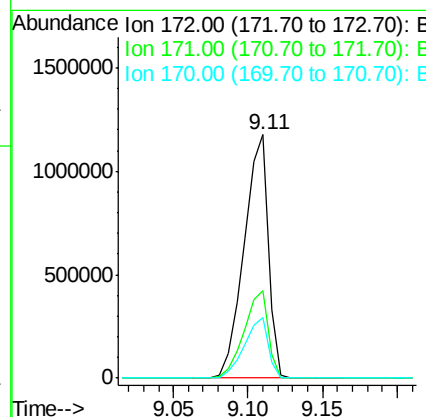
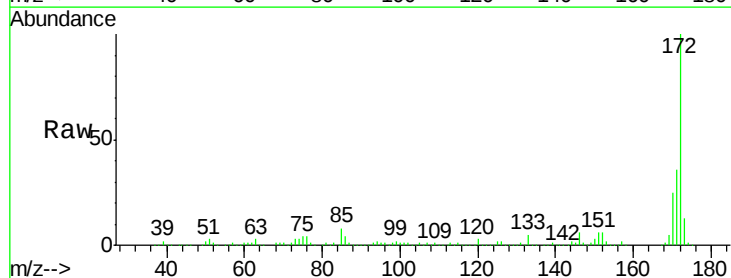
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 PB101741BL

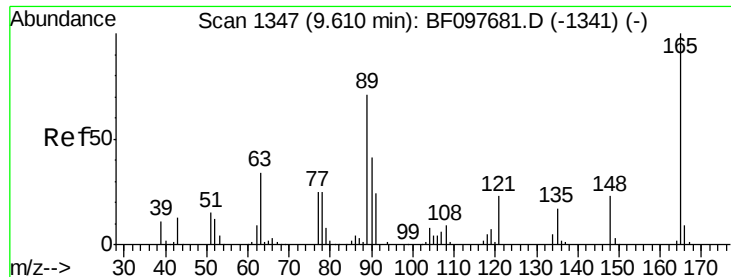
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	37.3	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 74.21 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097962.D
 Acq: 22 Aug 2017 19:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.9	19.8	29.8

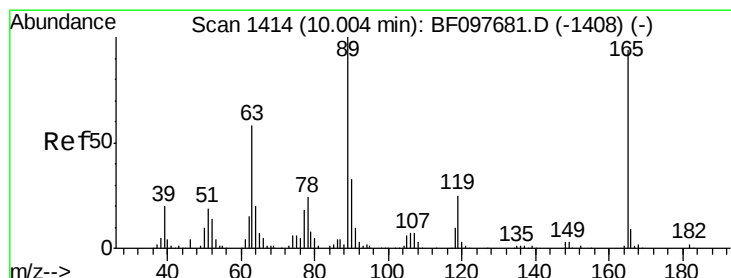
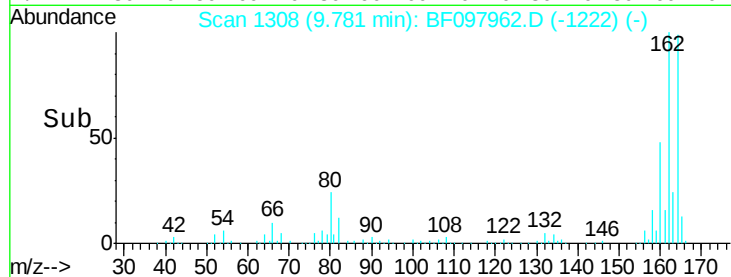
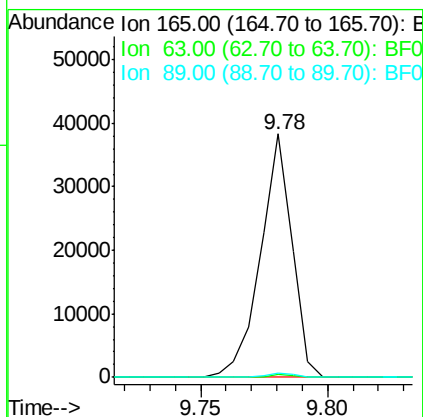
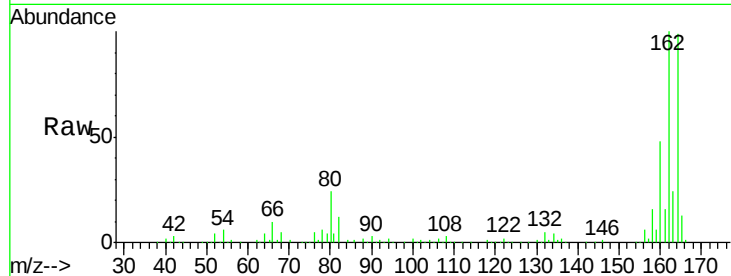




#50
 2,6-Dinitrotoluene
 Concen: 8.71 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. 0.21 min
 Lab File: BF097962.D
 Acq: 22 Aug 2017 19:13

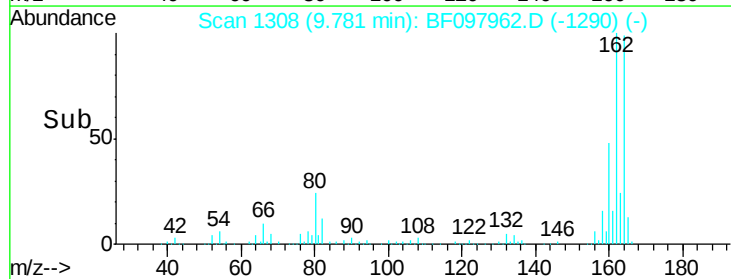
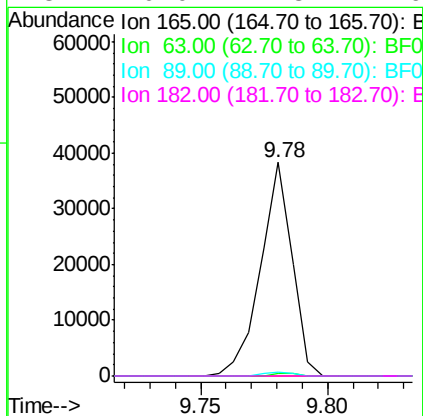
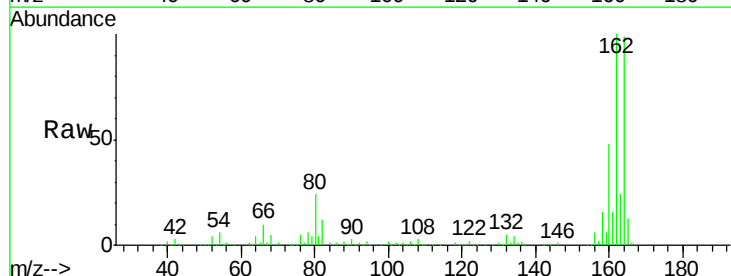
Instrument :
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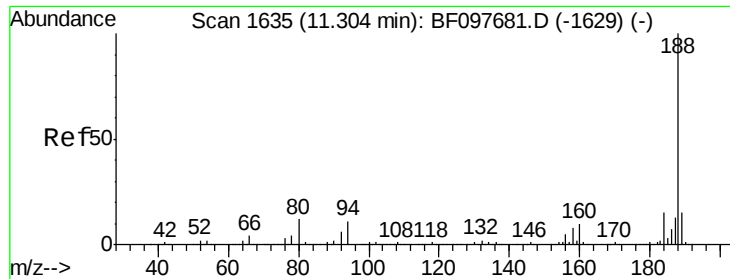
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	1.7	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.94 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.19 min
 Lab File: BF097962.D
 Acq: 22 Aug 2017 19:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

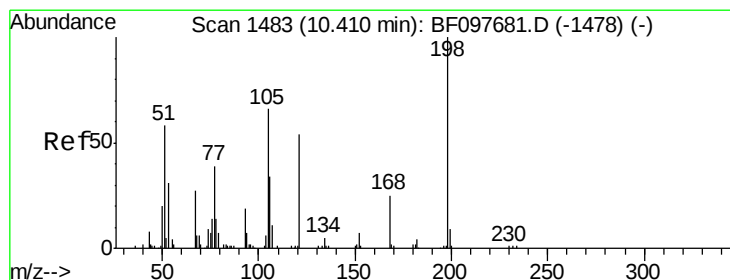
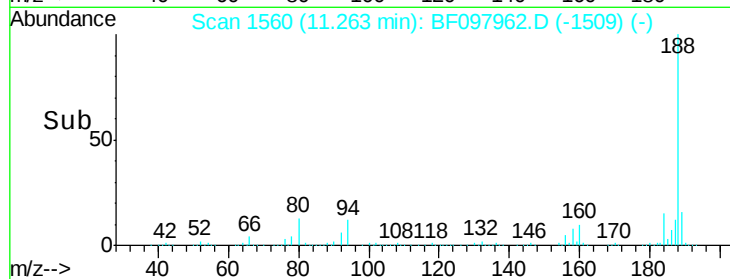
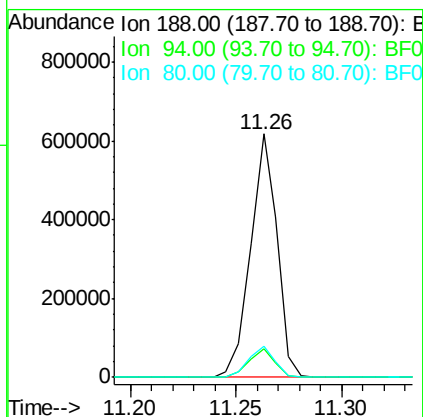
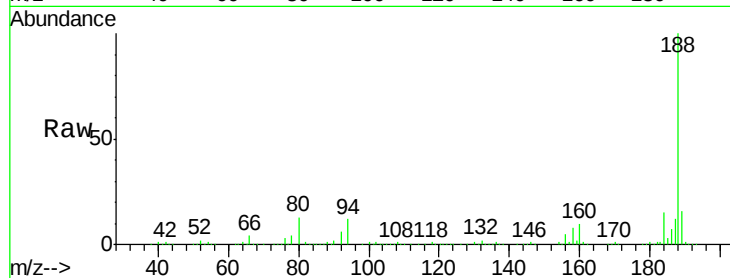




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF097962.D
Acq: 22 Aug 2017 19:13

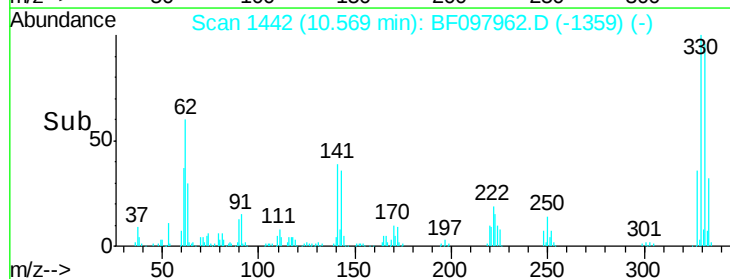
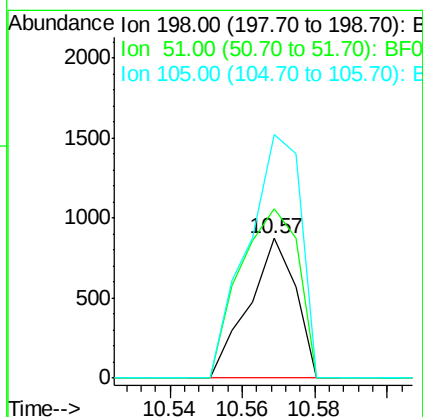
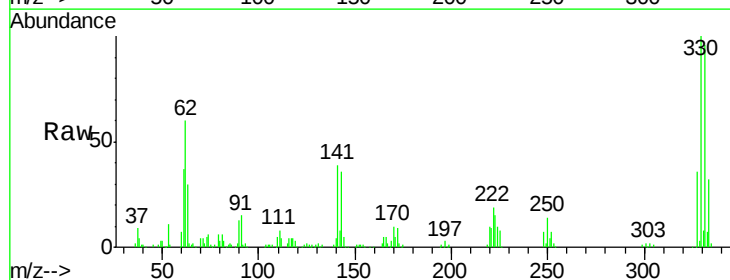
Instrument :
BNA_F
ClientSampleId :
PB101741BL

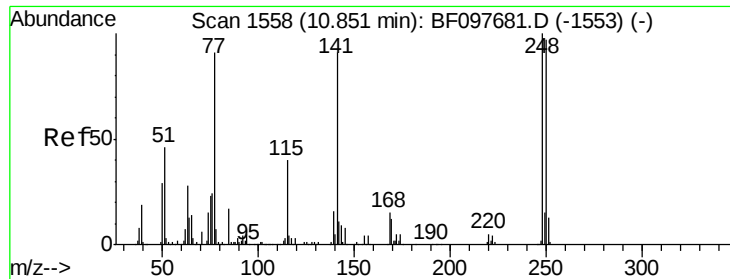
Tot Ion:188 Resp: 538960
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 12.9 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 8.58 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.19 min
Lab File: BF097962.D
Acq: 22 Aug 2017 19:13

Tgt Ion:198 Resp: 783
Ion Ratio Lower Upper
198 100
51 121.4 53.2 93.2#
105 174.5 45.8 85.8#

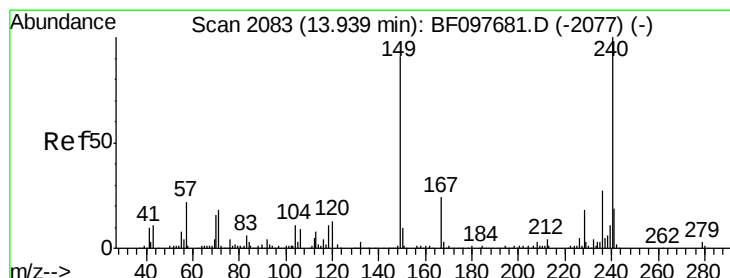
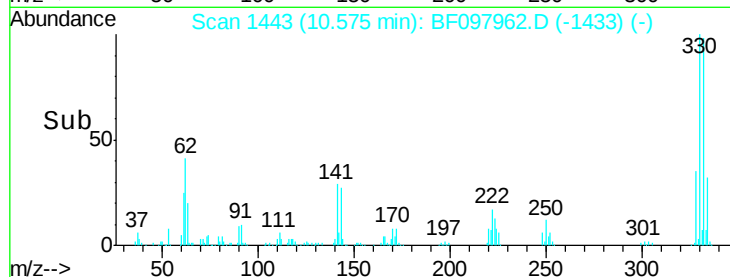
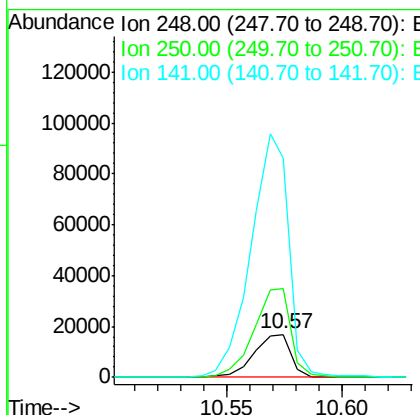
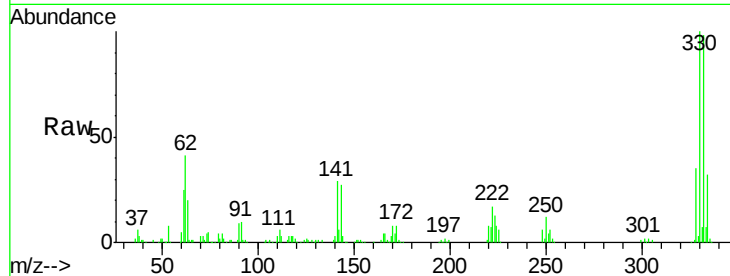




#66
 4-Bromophenyl-phenylether
 Concen: 3.38 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.24 min
 Lab File: BF097962.D
 Acq: 22 Aug 2017 19:13

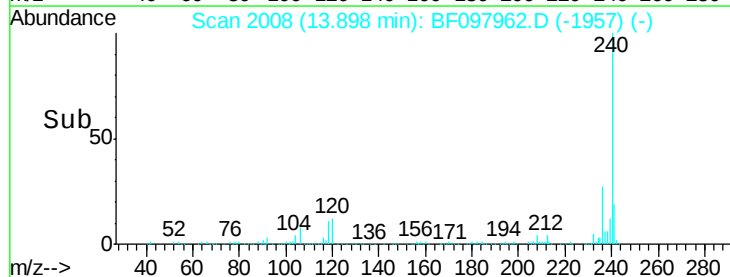
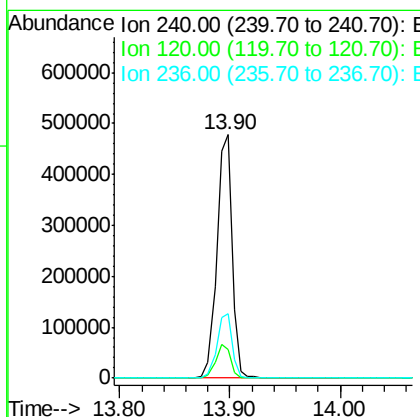
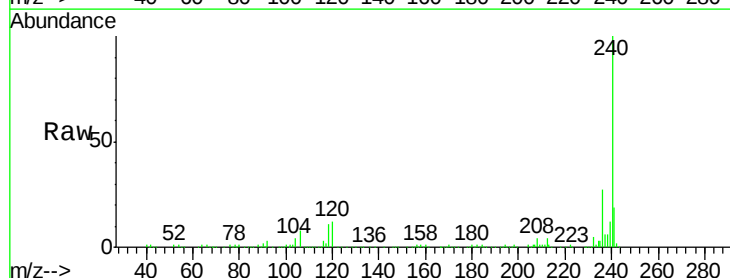
Instrument :
 BNA_F
 ClientSampleId :
 PB101741BL

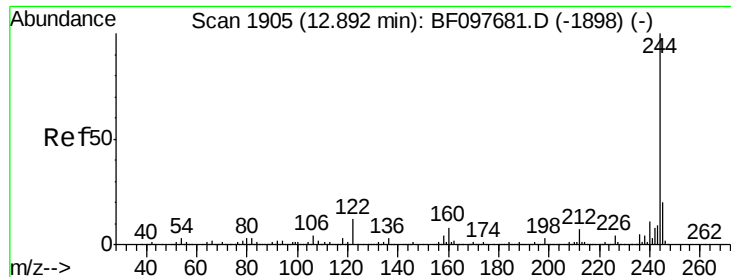
Tot Ion:248 Resp: 18923
 Ion Ratio Lower Upper
 248 100
 250 206.8 76.8 115.2#
 141 507.4 68.6 103.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BF097962.D
 Acq: 22 Aug 2017 19:13

Tgt Ion:240 Resp: 458277
 Ion Ratio Lower Upper
 240 100
 120 12.0 5.8 8.8#
 236 26.7 20.5 30.7





#78

Terphenyl-d14

Concen: 58.76 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF097962.D

Acq: 22 Aug 2017 19:13

Instrument :

BNA_F

ClientSampleId :

PB101741BL

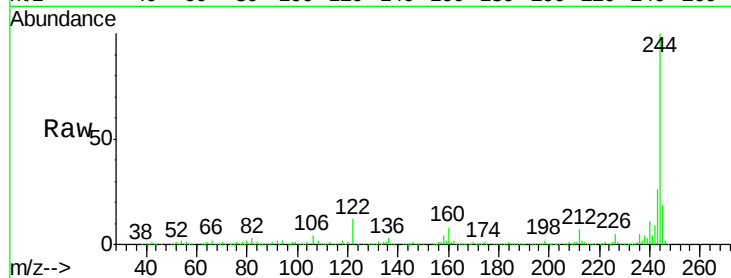
Tot Ion:244 Resp: 1291345

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

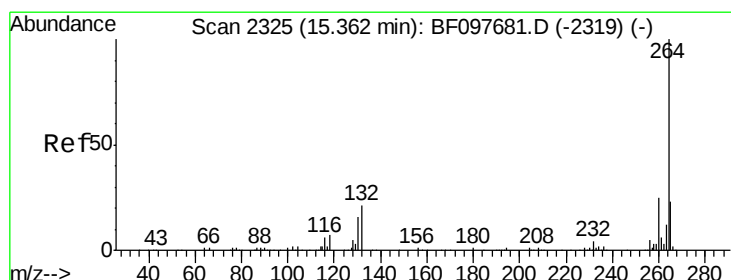
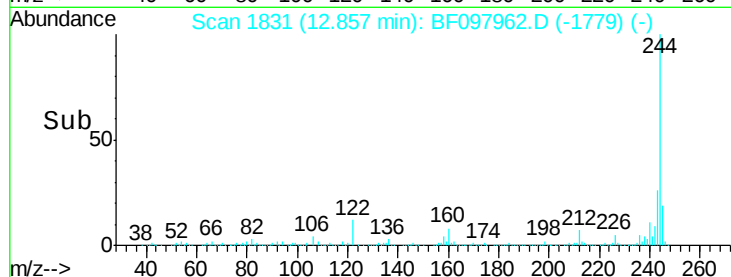
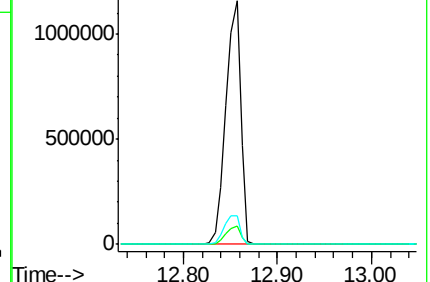
122 11.9 10.3 15.5



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: 20.00 ng

RT: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF097962.D

Acq: 22 Aug 2017 19:13

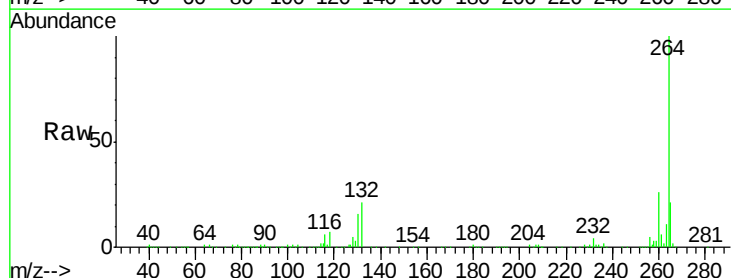
Tgt Ion:264 Resp: 316312

Ion Ratio Lower Upper

264 100

260 25.9 19.5 29.3

265 21.5 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

