

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
 Data File : BF097884.D
 Acq On : 19 Aug 2017 17:43
 Operator : SJ/JU
 Sample : I4846-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Quant Time: Aug 21 02:41:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	137037	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	551409	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	248446	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	432298	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	274793	20.00	ng	-0.04
86) Perylene-d12	15.33	264	250966	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	1387248	153.98	ng	0.00
7) Phenol-d6	6.40	99	1917760	156.67	ng	0.00
23) Nitrobenzene-d5	7.33	82	1249702	123.12	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	358043	166.09	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	1675215	99.07	ng	-0.02
78) Terphenyl-d14	12.87	244	1218090	92.44	ng	-0.02

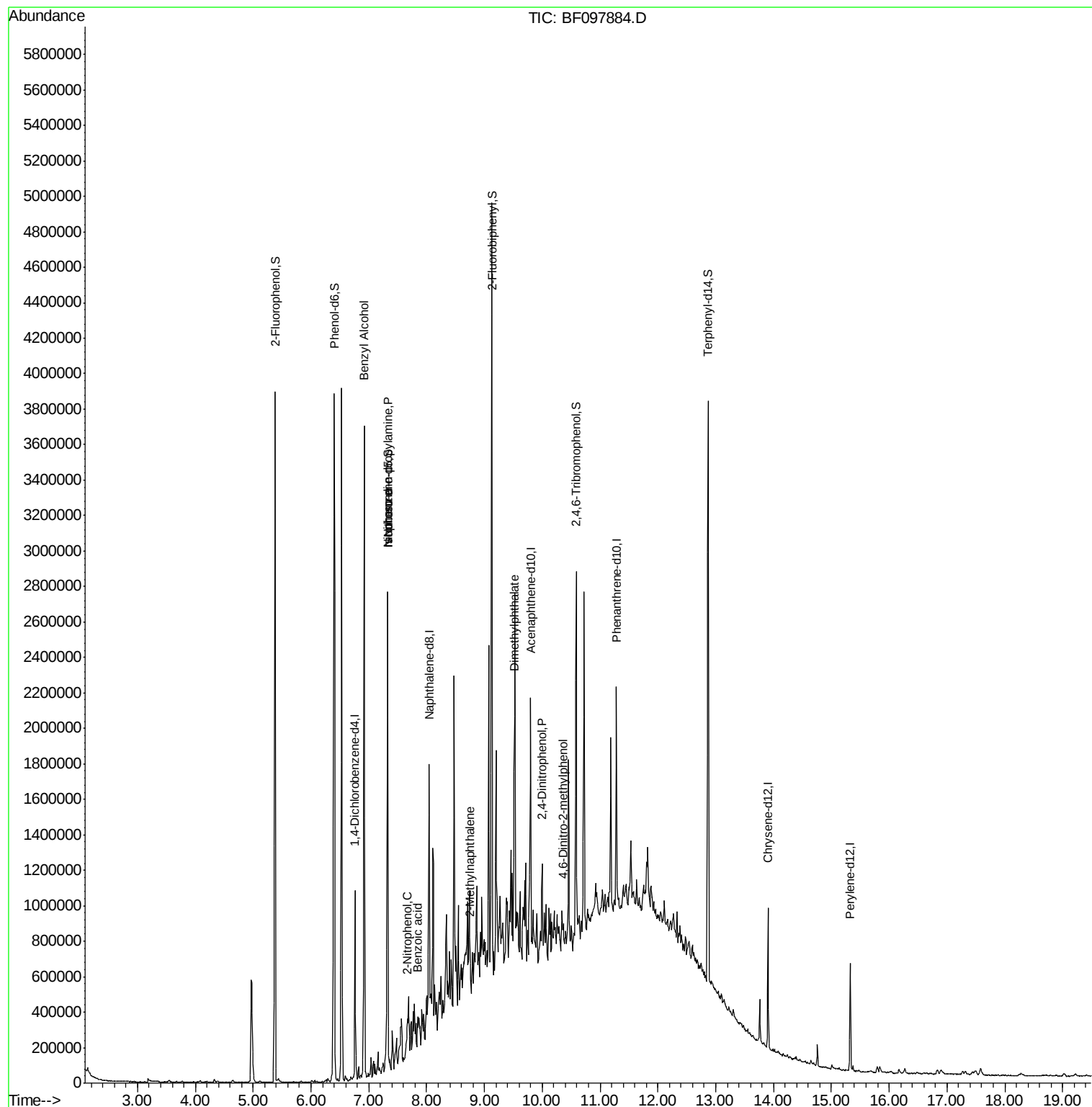
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.92	79	21869	2.39	ng	# 29
19) n-Nitroso-di-n-propylamine	7.33	70	189162	22.57	ng	# 73
25) Isophorone	7.33	82	1237974	58.65	ng	# 67
26) 2-Nitrophenol	7.66	139	2630	5.83	ng	# 1
32) Benzoic acid	7.84	122	2951	6.80	ng	# 18
37) 2-Methylnaphthalene	8.76	142	50634	2.89	ng	# 91
49) Dimethylphthalate	9.52	163	288823	15.90	ng	# 99
53) 2,4-Dinitrophenol	9.99	184	270	10.28	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.36	198	478	8.51	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: 6.76 min Scan# 795

Delta R.T. -0.02 min

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DUP-01

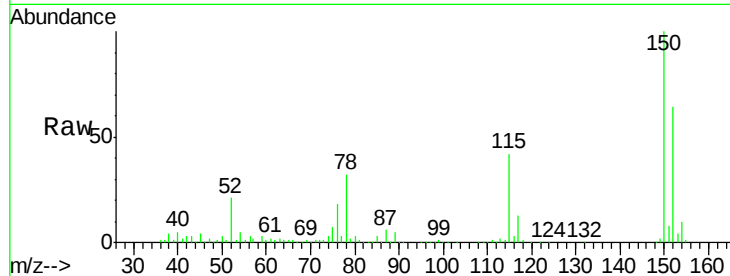
Tot Ion:152 Resp: 137037

Ion Ratio Lower Upper

152 100

150 157.1 126.2 189.2

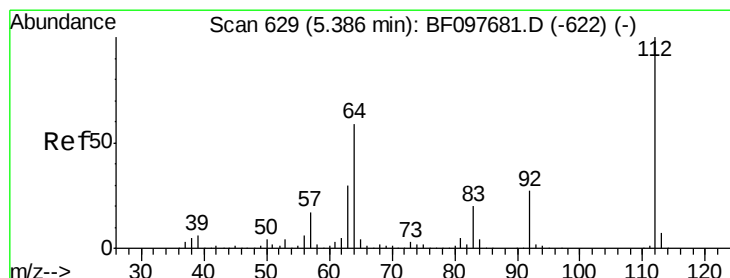
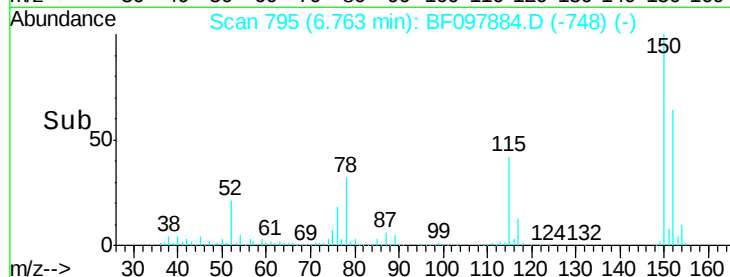
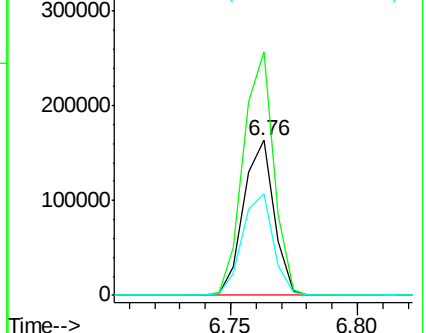
115 65.3 52.2 78.2



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: 153.98 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF097884.D

Acq: 19 Aug 2017 17:43

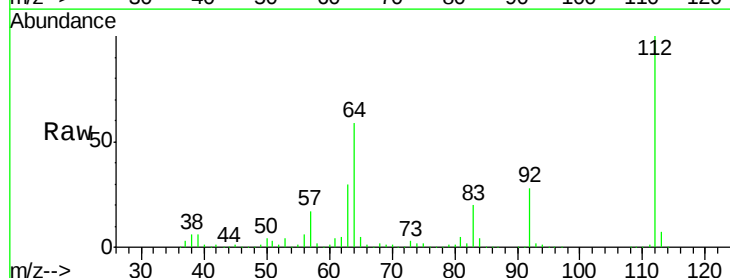
Tgt Ion:112 Resp: 1387248

Ion Ratio Lower Upper

112 100

64 58.9 46.0 69.0

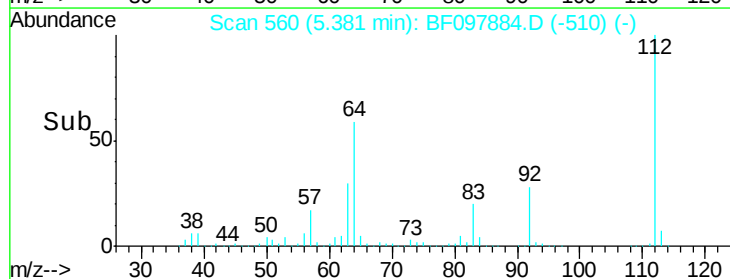
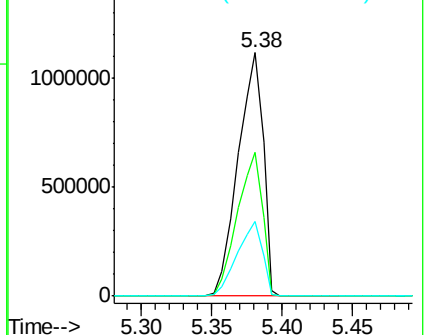
63 30.5 23.4 35.0

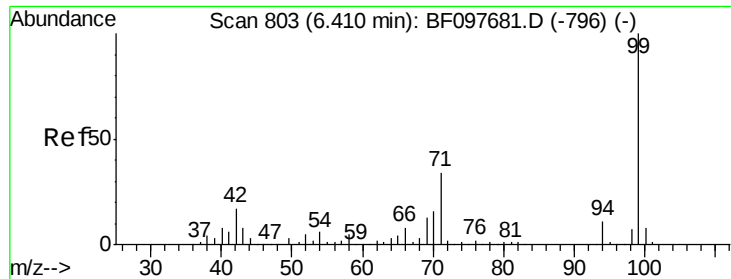


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 156.67 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097884.D

Acq: 19 Aug 2017 17:43

Instrument :

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ClientSampleId :

DUP-01

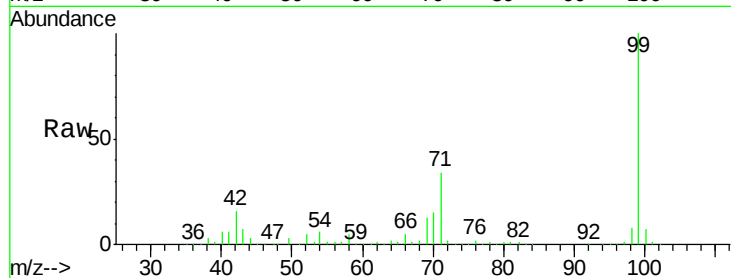
Tot Ion: 99 Resp: 1917760

Ion Ratio Lower Upper

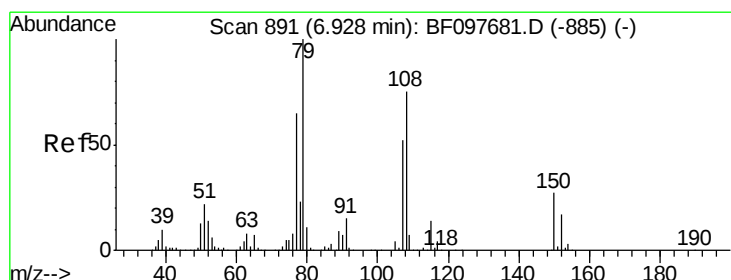
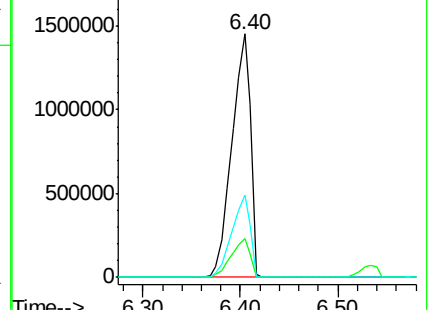
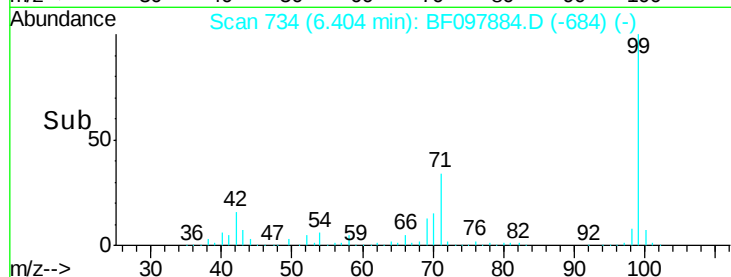
99 100

42 15.9 13.5 20.3

71 34.0 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



#15

Benzyl Alcohol

Concen: 2.39 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF097884.D

Acq: 19 Aug 2017 17:43

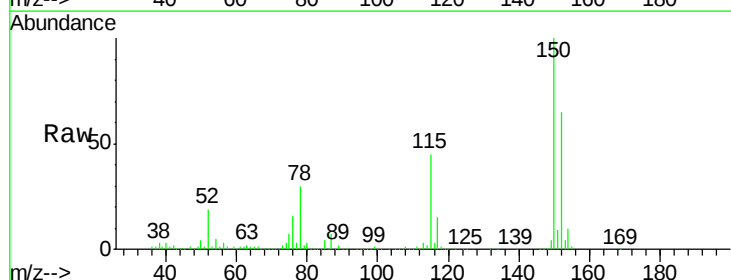
Tgt Ion: 79 Resp: 21869

Ion Ratio Lower Upper

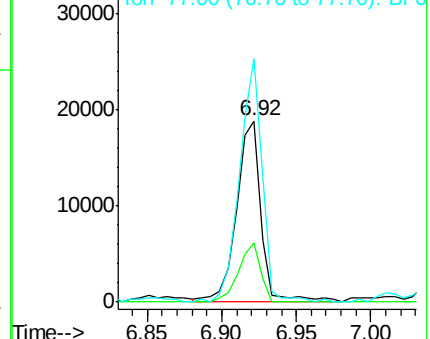
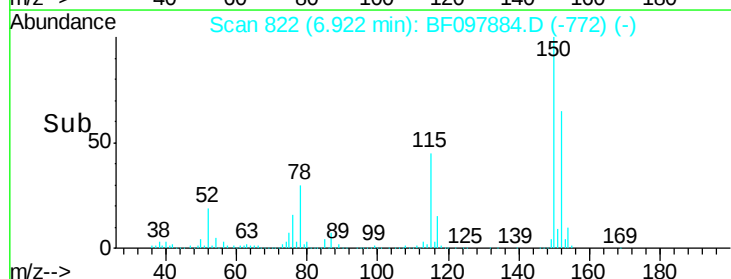
79 100

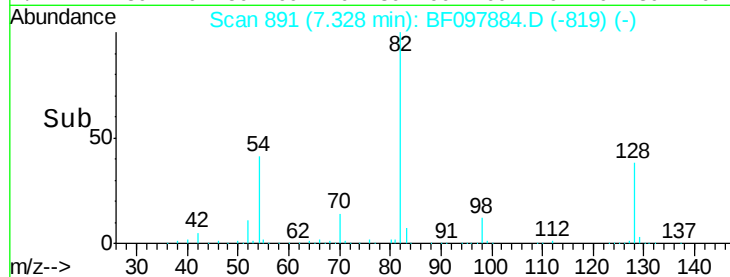
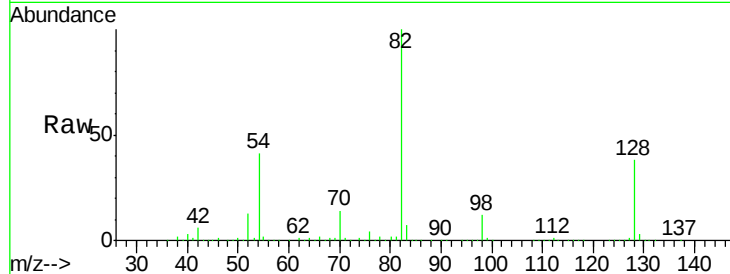
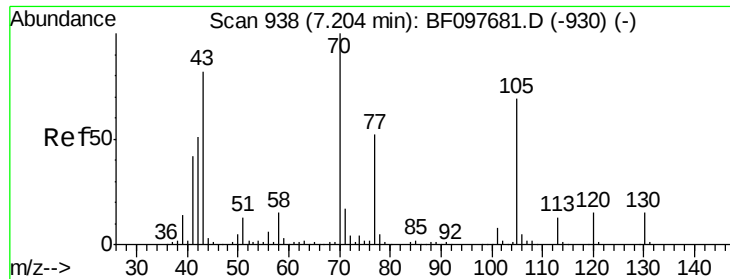
108 32.5 63.4 95.0#

77 134.2 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

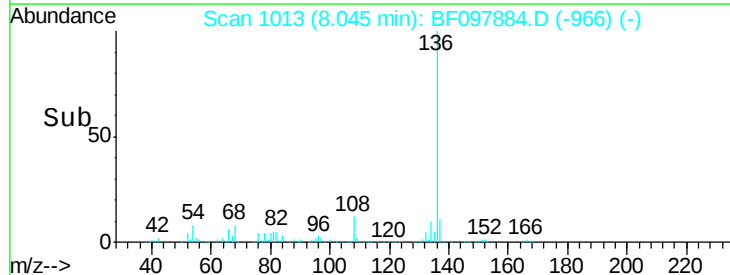
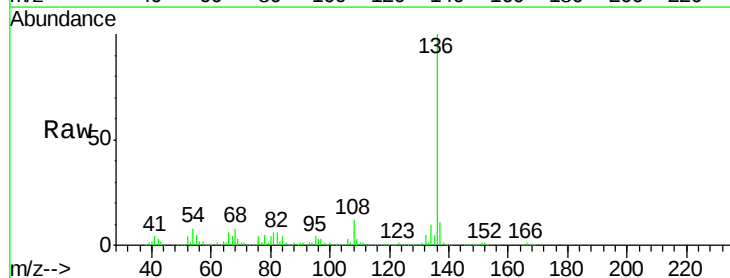
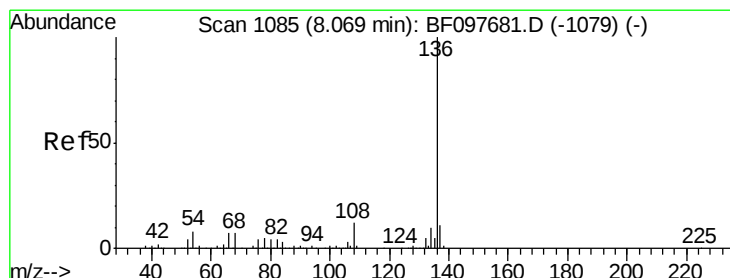
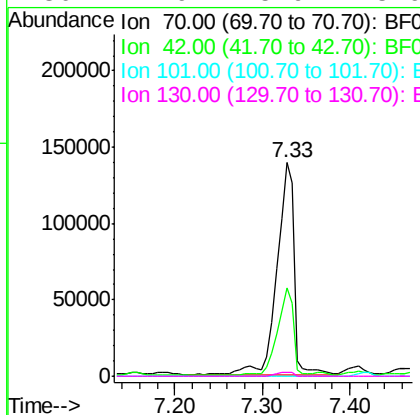




#19
n-Nitroso-di-n-propylamine
Concen: 22.57 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.12 min
Lab File: BF097884.D
Acq: 19 Aug 2017 17:43

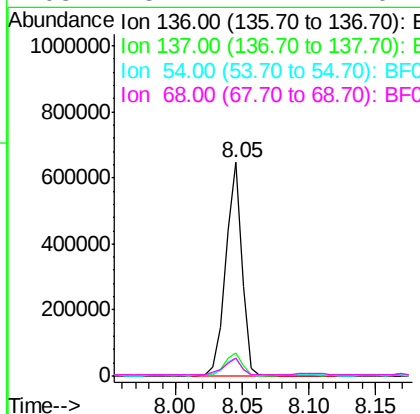
Instrument :
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DUP-01

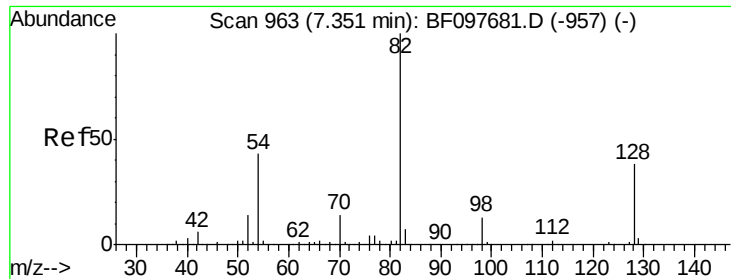
Tot Ion: 70 Resp: 189162
Ion Ratio Lower Upper
70 100
42 41.6 47.2 70.8#
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF097884.D
Acq: 19 Aug 2017 17:43

Tgt Ion: 136 Resp: 551409
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 8.4 4.9 7.3#
68 8.1 4.1 6.1#

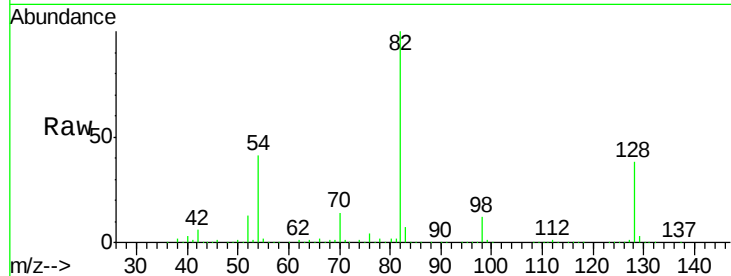




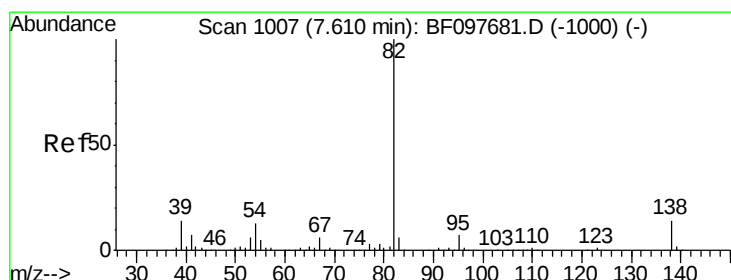
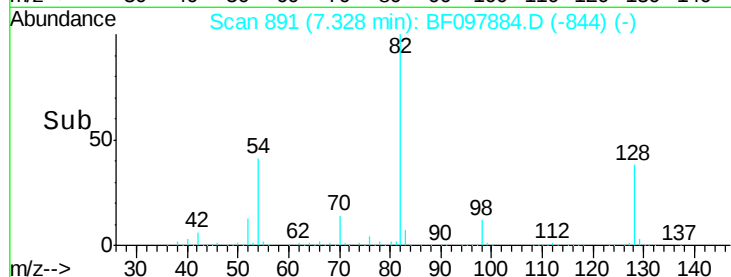
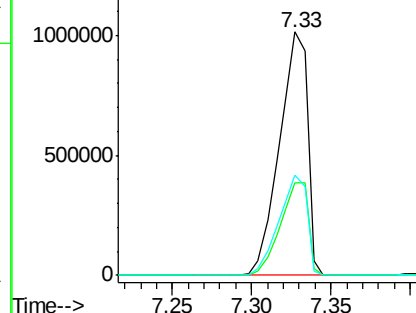
#23
Nitrobenzene-d5
Concen: 123.12 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.02 min
Lab File: BF097884.D
Acq: 19 Aug 2017 17:43

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tot Ion: 82 Resp: 1249702
Ion Ratio Lower Upper
82 100
128 38.0 34.0 51.0
54 41.3 42.2 63.2#

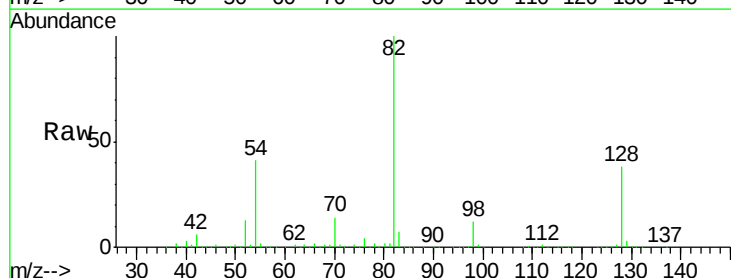


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

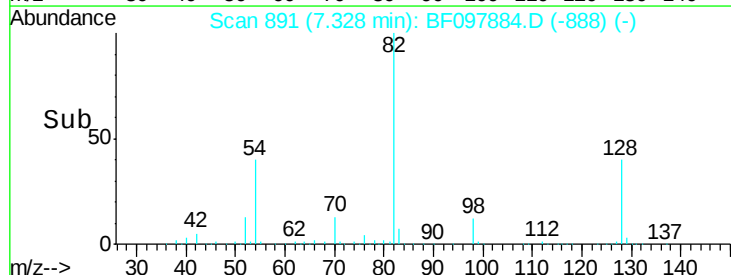
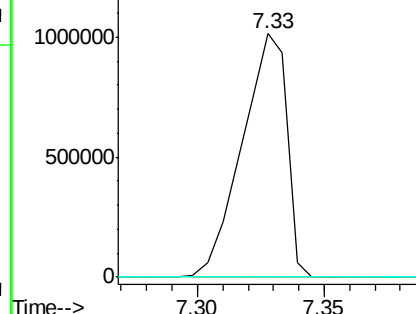


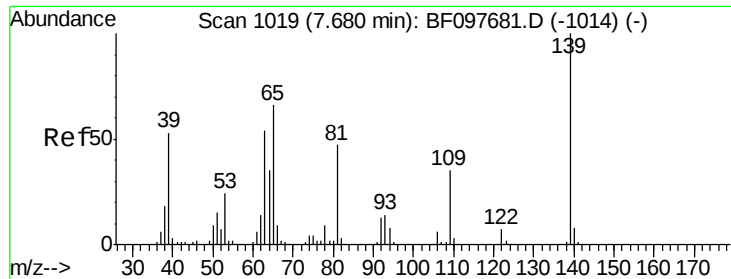
#25
Isophorone
Concen: 58.65 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.28 min
Lab File: BF097884.D
Acq: 19 Aug 2017 17:43

Tgt Ion: 82 Resp: 1237974
Ion Ratio Lower Upper
82 100
95 0.3 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

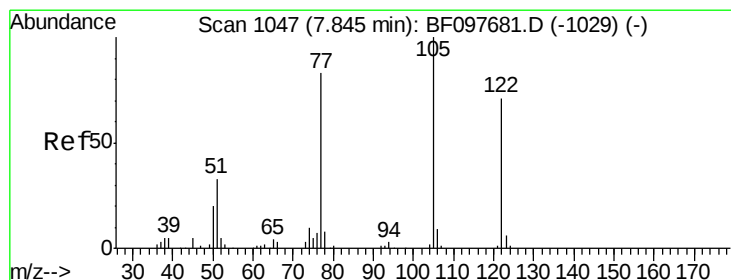
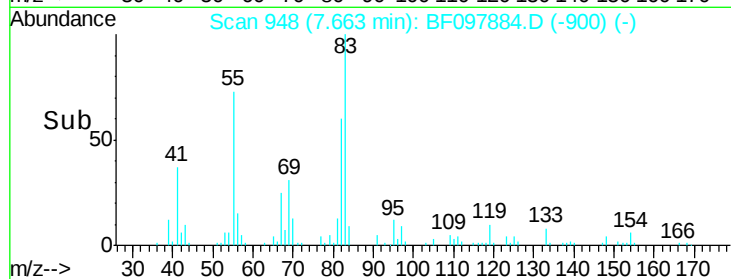
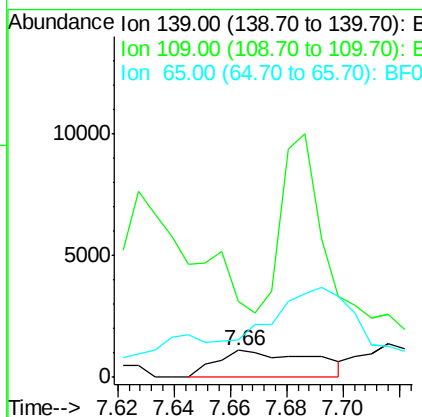
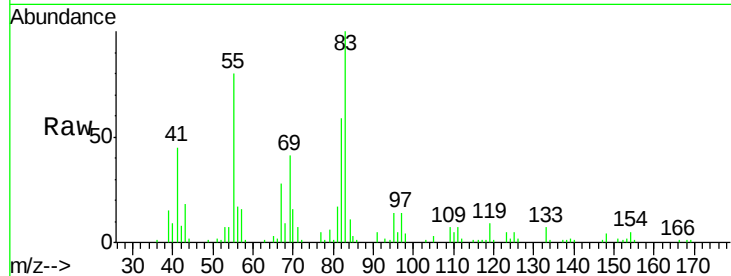




#26
 2-Nitrophenol
 Concen: 5.83 ng
 RT: 7.66 min Scan# 948
 Delta R.T. -0.02 min
 Lab File: BF097884.D
 Acq: 19 Aug 2017 17:43

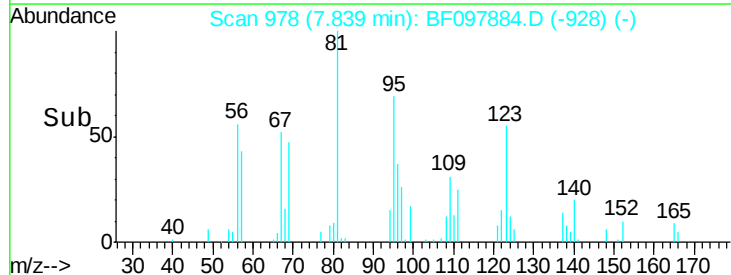
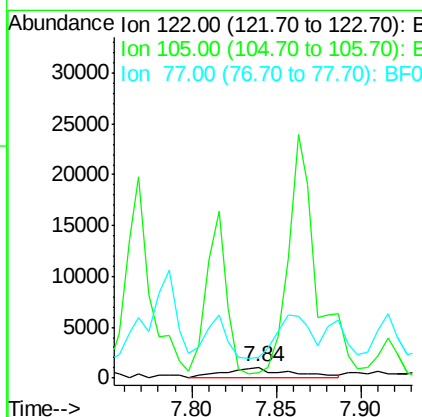
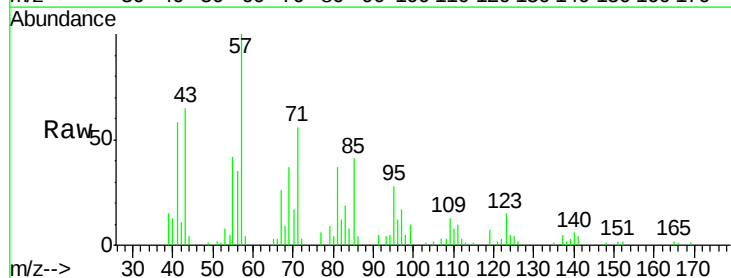
Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

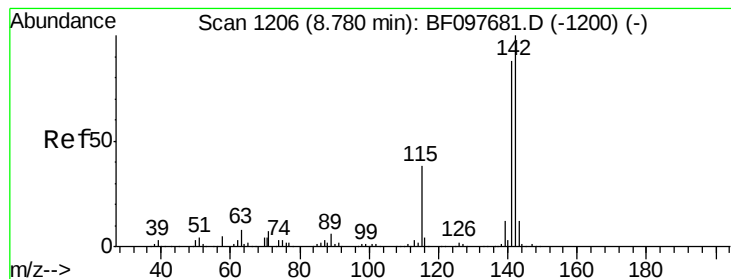
Tot Ion	Ratio	Lower	Upper
139	100		
109	285.8	21.0	31.6#
65	140.1	33.0	49.6#



#32
 Benzoic acid
 Concen: 6.80 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BF097884.D
 Acq: 19 Aug 2017 17:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	46.0	103.3	143.3#
77	190.2	73.7	113.7#





#37

2-Methylnaphthalene

Concen: 2.89 ng

RT: 8.76 min Scan# 1134

Delta R.T. -0.02 min

Lab File: BF097884.D

Acq: 19 Aug 2017 17:43

Instrument :

BNA_F

ClientSampleId :

DUP-01

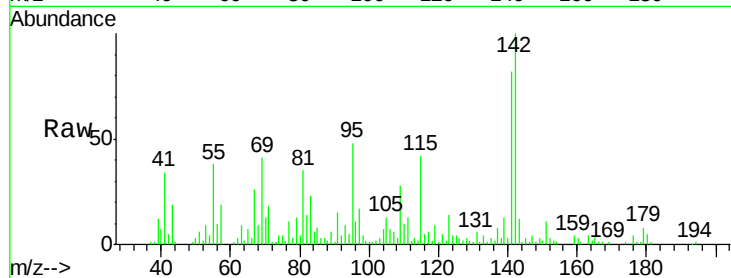
Tot Ion:142 Resp: 50634

Ion Ratio Lower Upper

142 100

141 82.3 71.3 106.9

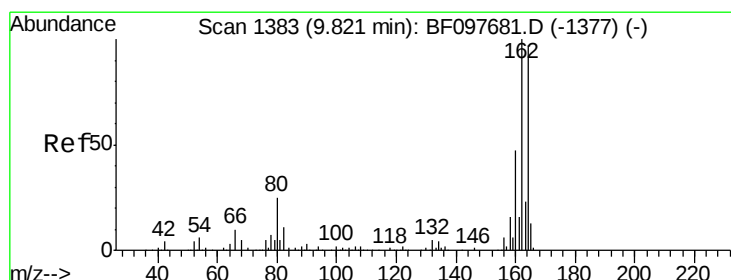
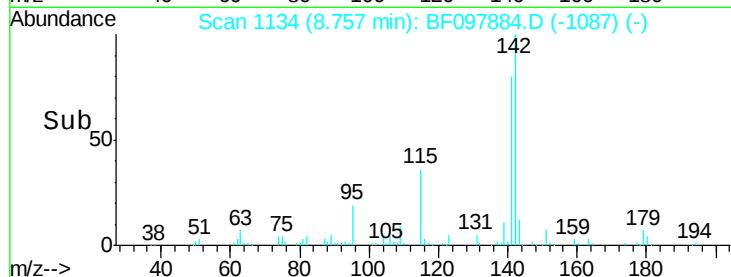
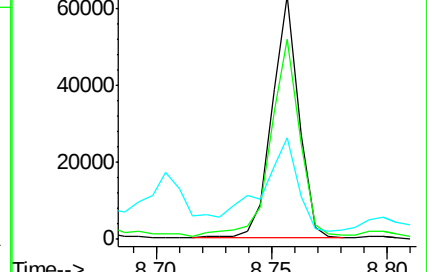
115 41.9 27.1 40.7#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF097884.D

Acq: 19 Aug 2017 17:43

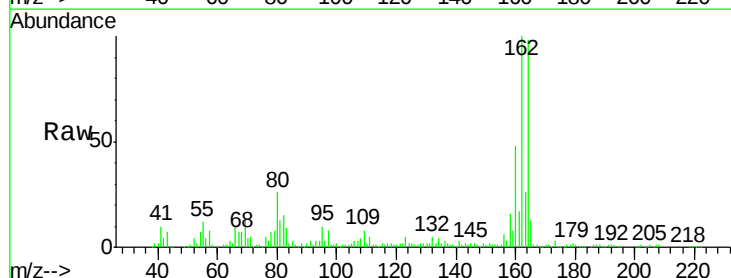
Tgt Ion:164 Resp: 248446

Ion Ratio Lower Upper

164 100

162 102.1 82.6 123.8

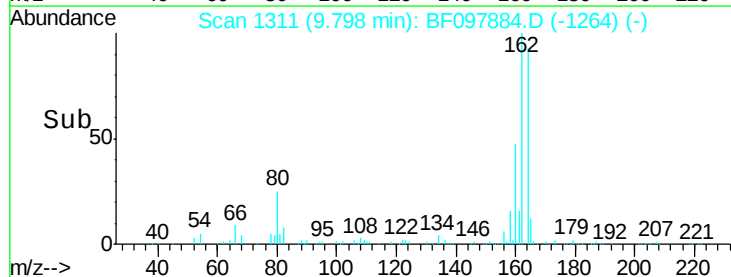
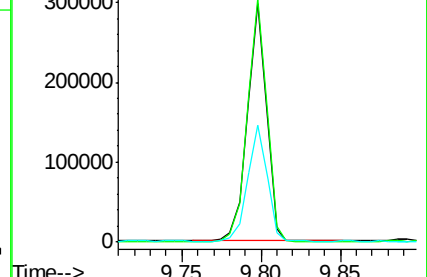
160 48.8 36.2 54.2

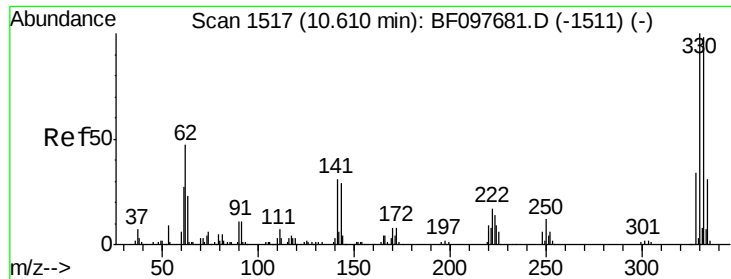


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

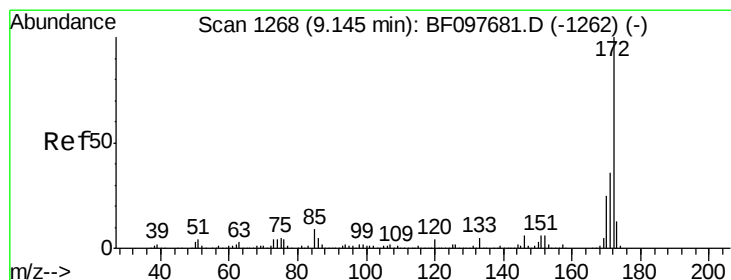
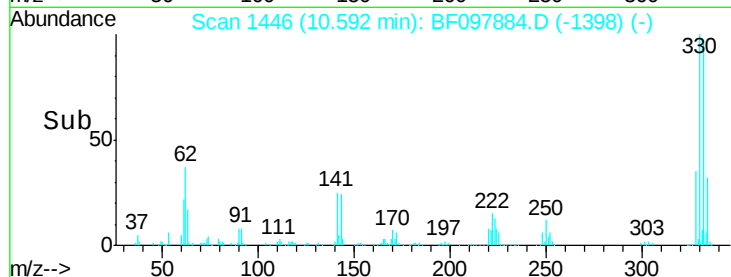
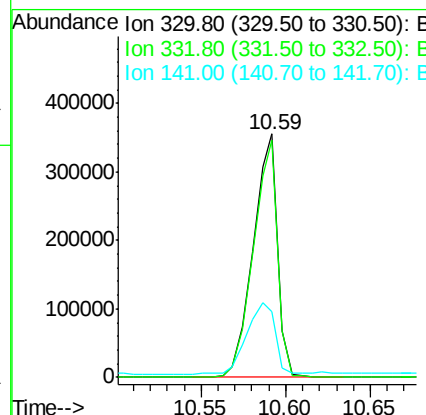
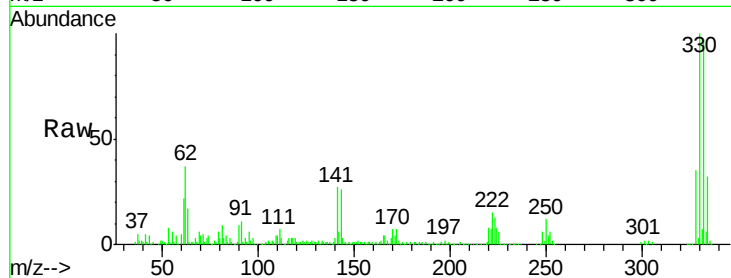




#41
 2,4,6-Tribromophenol
 Concen: 166.09 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF097884.D
 Acq: 19 Aug 2017 17:43

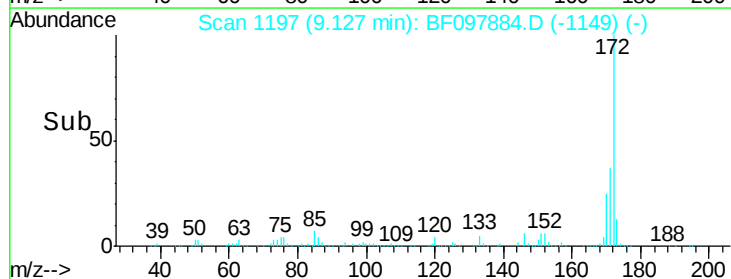
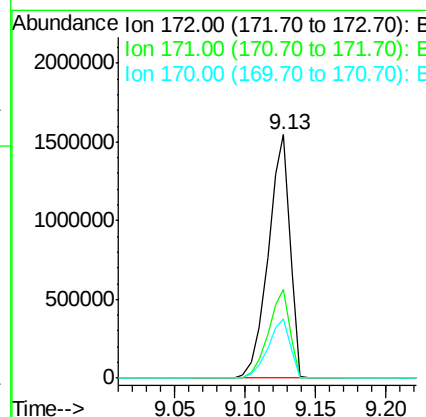
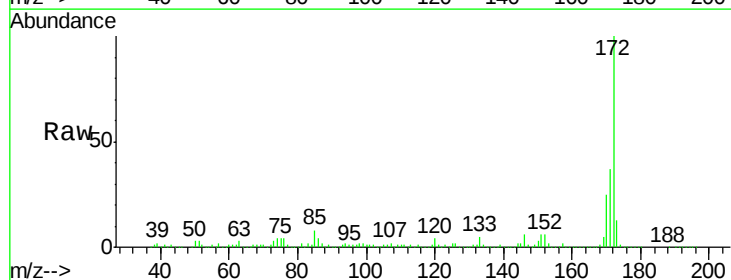
Instrument :
 BNA_F
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 DUP-01

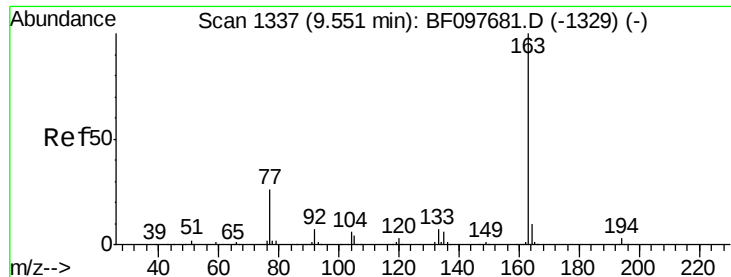
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	34.8	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 99.07 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF097884.D
 Acq: 19 Aug 2017 17:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.6	19.8	29.8

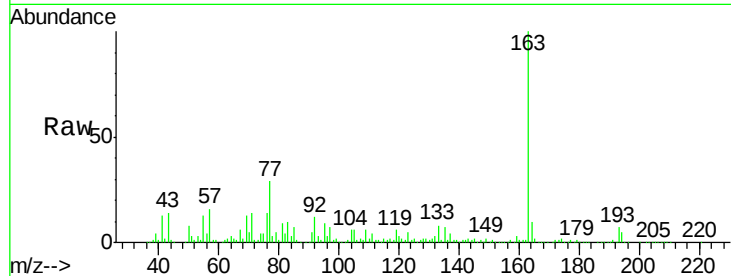




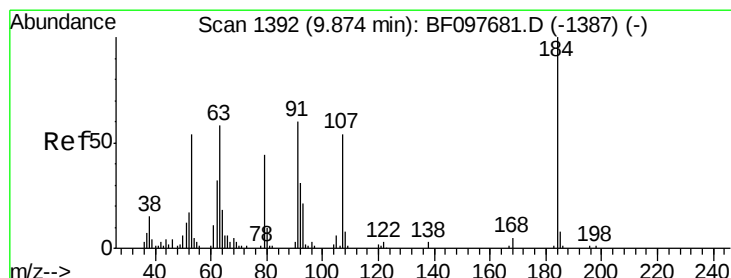
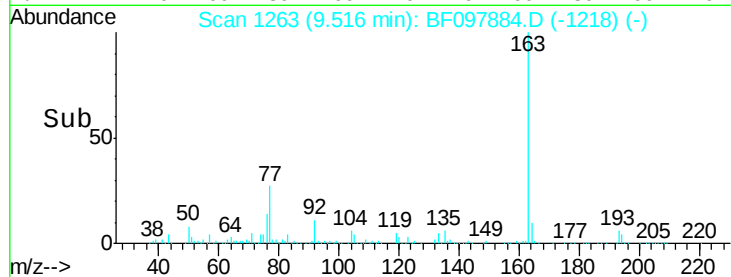
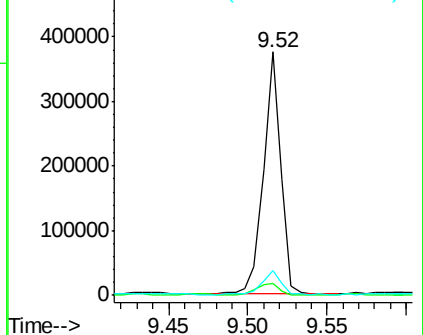
#49
Dimethylphthalate
Concen: 15.90 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.04 min
Lab File: BF097884.D
Acq: 19 Aug 2017 17:43

Instrument :
BNA_F
ClientSampled :
DUP-01

Tot Ion:163 Resp: 288823
Ion Ratio Lower Upper
163 100
194 4.7 2.6 4.0#
164 10.4 8.4 12.6

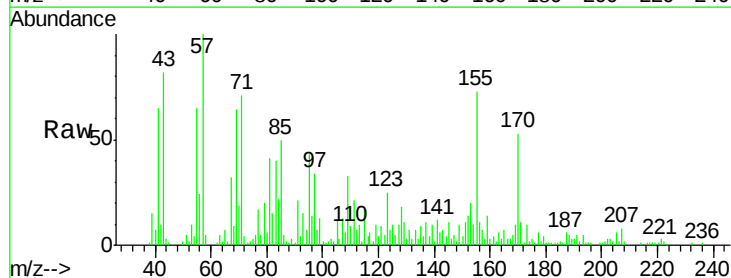


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

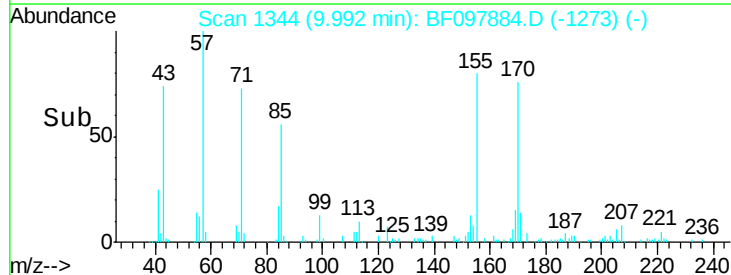
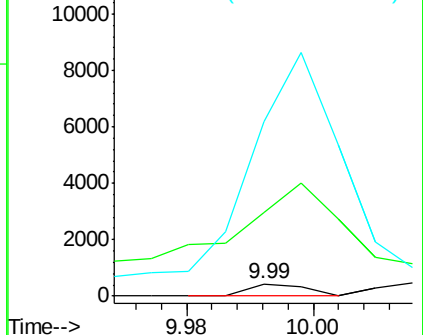


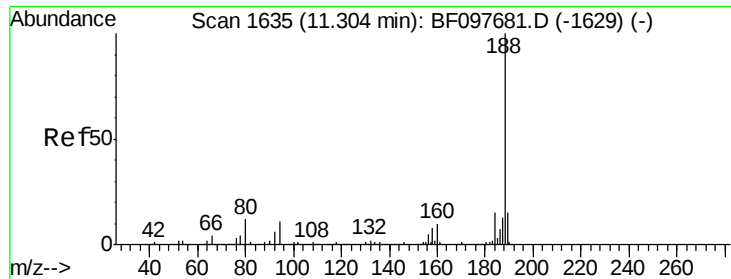
#53
2,4-Dinitrophenol
Concen: 10.28 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.12 min
Lab File: BF097884.D
Acq: 19 Aug 2017 17:43

Tgt Ion:184 Resp: 270
Ion Ratio Lower Upper
184 100
63 705.9 62.7 94.1#
154 1463.3 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

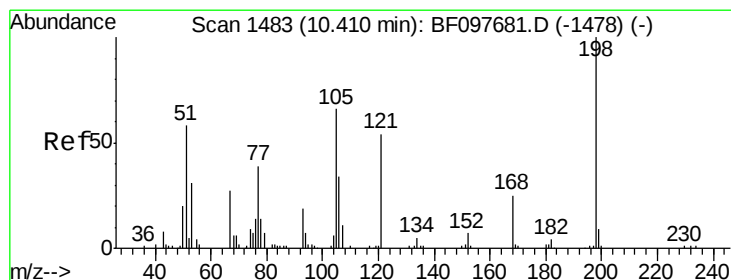
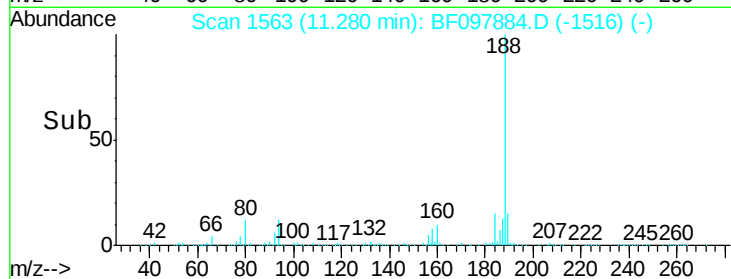
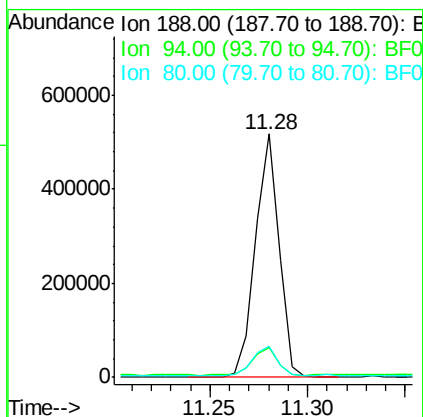
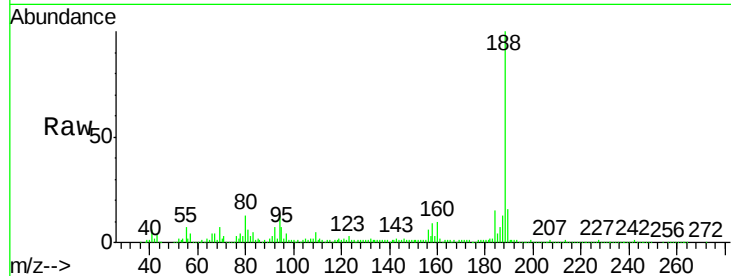




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF097884.D
Acq: 19 Aug 2017 17:43

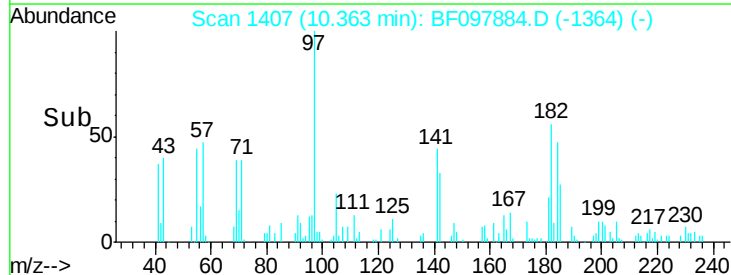
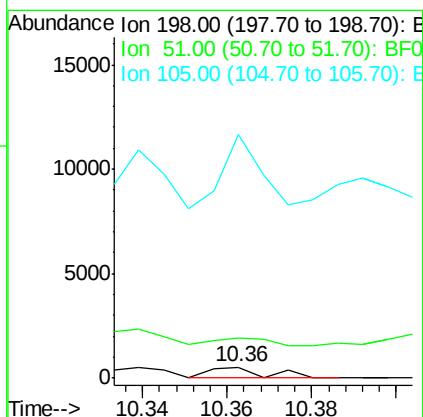
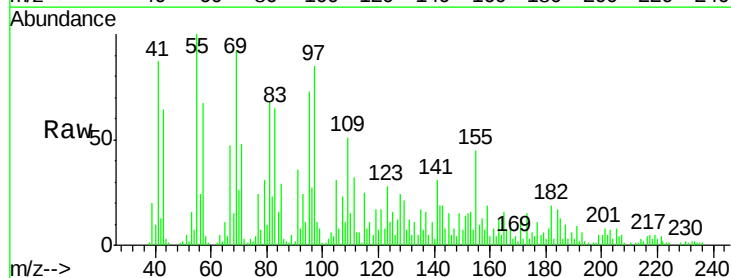
Instrument :
BNA_F
ClientSampleId :
DUP-01

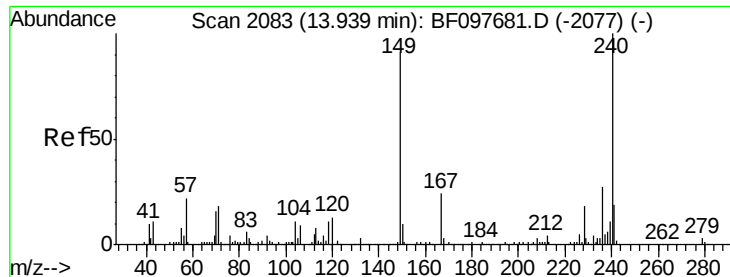
Tot Ion:188 Resp: 432298
Ion Ratio Lower Upper
188 100
94 12.5 9.4 14.2
80 12.7 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 8.51 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.05 min
Lab File: BF097884.D
Acq: 19 Aug 2017 17:43

Tgt Ion:198 Resp: 478
Ion Ratio Lower Upper
198 100
51 376.8 53.2 93.2#
105 2272.1 45.8 85.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.04 min

Lab File: BF097884.D

Acq: 19 Aug 2017 17:43

Instrument :

BNA_F

ClientSampleId :

DUP-01

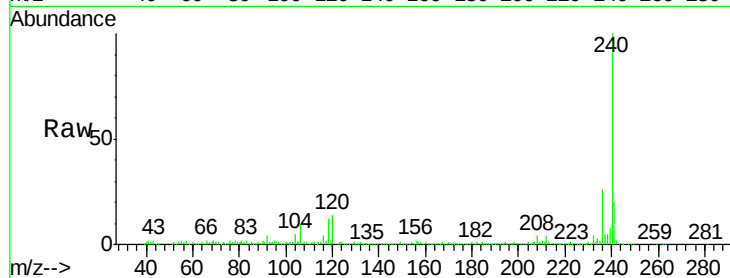
Tot Ion:240 Resp: 274793

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

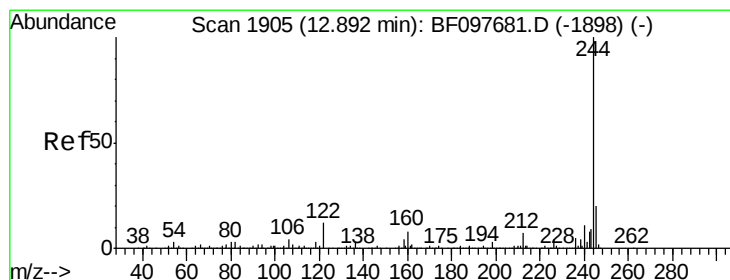
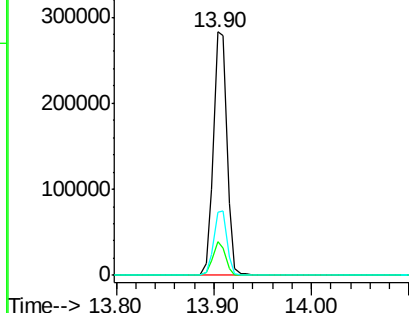
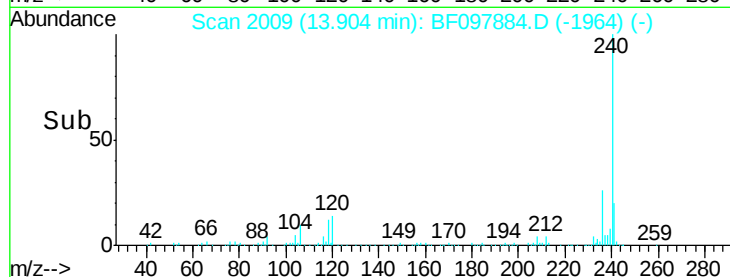
236 26.1 20.5 30.7



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: 92.44 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BF097884.D

Acq: 19 Aug 2017 17:43

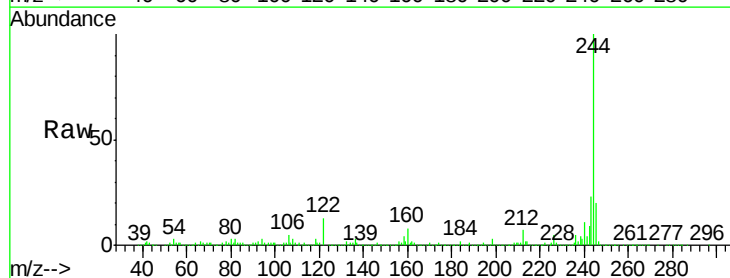
Tgt Ion:244 Resp: 1218090

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

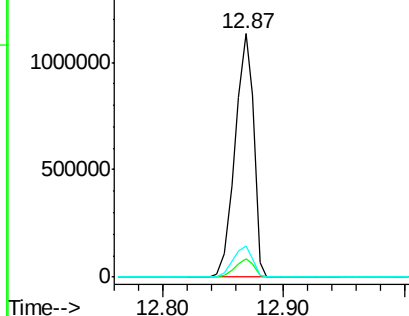
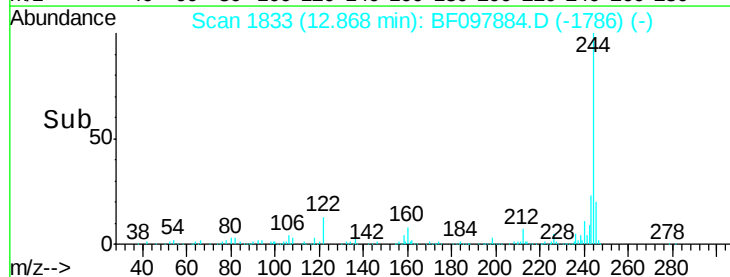
122 12.7 10.3 15.5

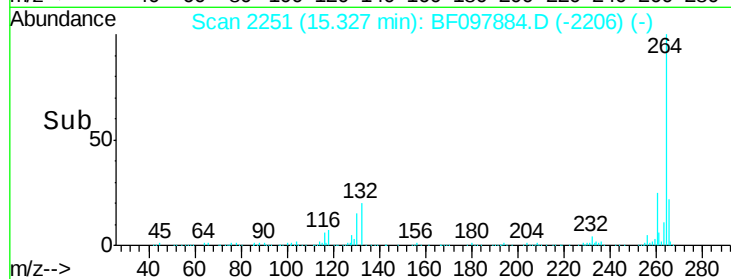
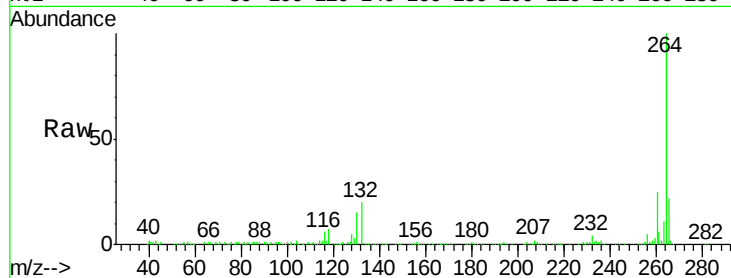
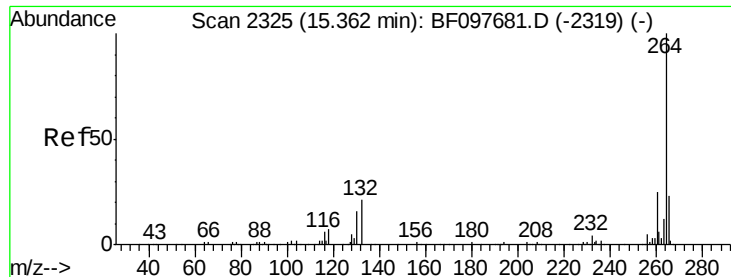


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. -0.04 min
 Lab File: BF097884.D
 Acq: 19 Aug 2017 17:43

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.7	17.2	25.8

