

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097964.D
 Acq On : 22 Aug 2017 20:09
 Operator : SJ/JU
 Sample : I4873-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE3-1-3-COMP

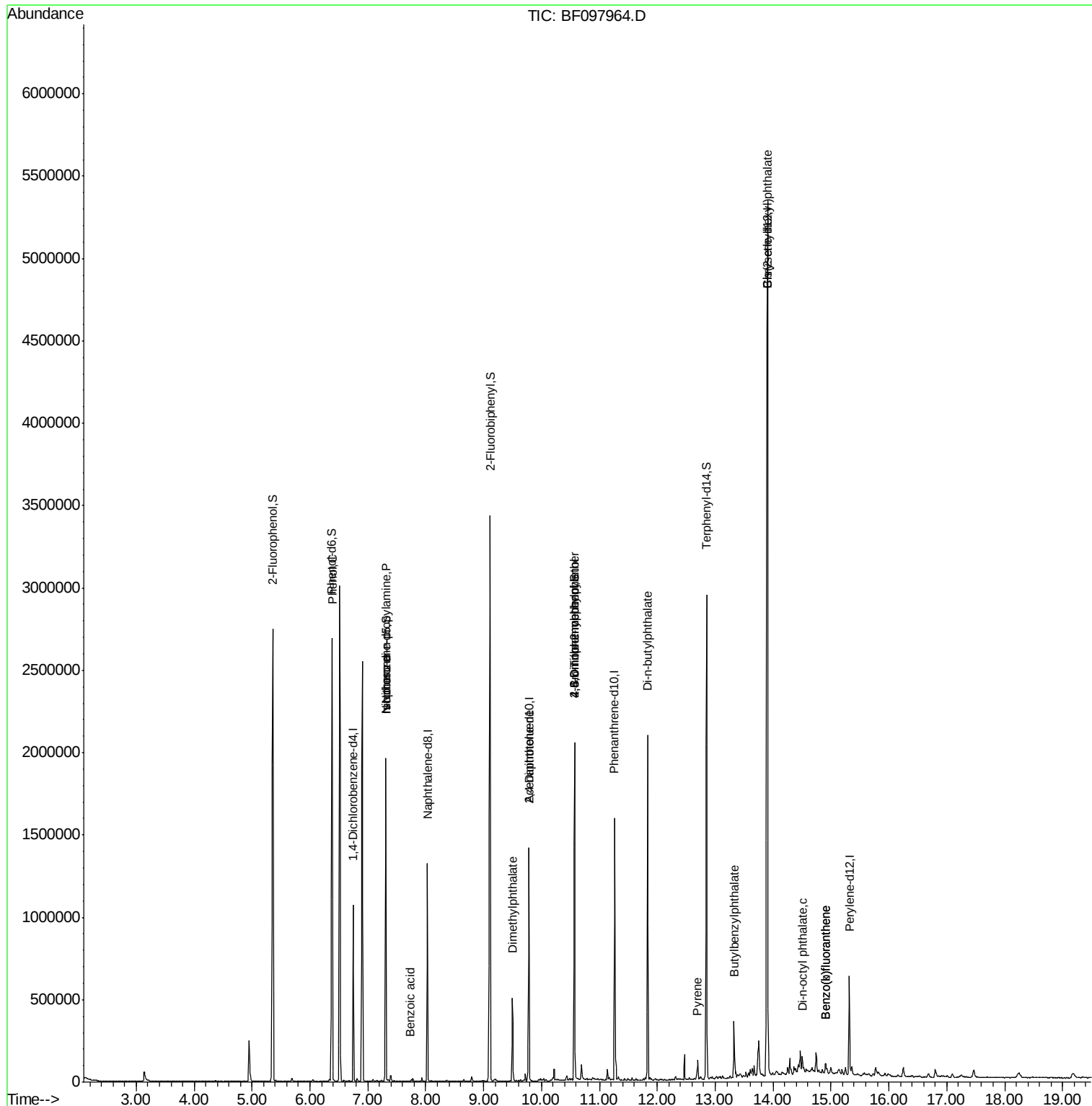
Quant Time: Aug 23 01:05:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

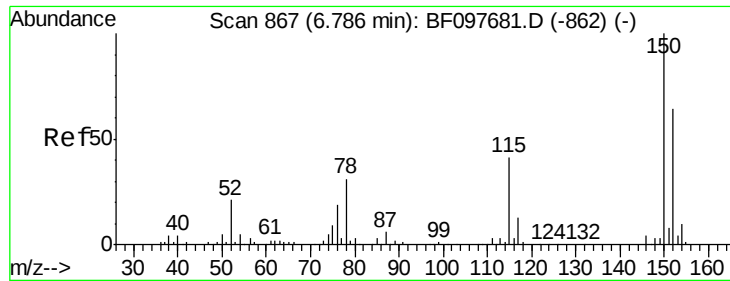
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	135111	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	559288	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	267370	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	522688	20.00	ng	0.00
75) Chrysene-d12	13.89	240	233774	20.00	ng	0.00
86) Perylene-d12	15.32	264	253938	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	880042	99.07	ng	0.00
7) Phenol-d6	6.38	99	1206476	99.97	ng	0.00
23) Nitrobenzene-d5	7.31	82	770291	74.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	254842	109.85	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1171831	64.39	ng	0.00
78) Terphenyl-d14	12.85	244	1008323	89.95	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.39	94	37860	2.68	ng	97
19) n-Nitroso-di-n-propylamine	7.31	70	102480	12.40	ng	# 71
25) Isophorone	7.31	82	762876	35.64	ng	# 67
32) Benzoic acid	7.73	122	297	6.44	ng	87
49) Dimethylphthalate	9.50	163	177028	9.06	ng	98
56) 2,4-Dinitrotoluene	9.78	165	34484	7.04	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.57	198	631	8.53	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	16558	3.05	ng	# 1
73) Di-n-butylphthalate	11.83	149	996279	32.26	ng	99
77) Pyrene	12.70	202	43387	2.27	ng	97
79) Butylbenzylphthalate	13.32	149	69557	9.49	ng	# 63
83) Bis(2-ethylhexyl)phthalate	13.90	149	2521564	310.42	ng	# 98
84) Di-n-octyl phthalate	14.50	149	42308	2.99	ng	# 91
87) Benzo(b)fluoranthene	14.91	252	34677	2.17	ng	# 97
88) Benzo(k)fluoranthene	14.91	252	34677	2.31	ng	98

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

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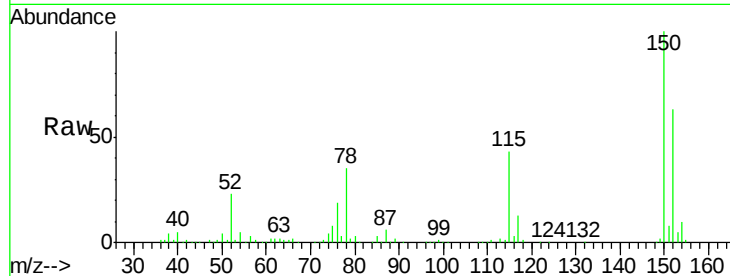


#1

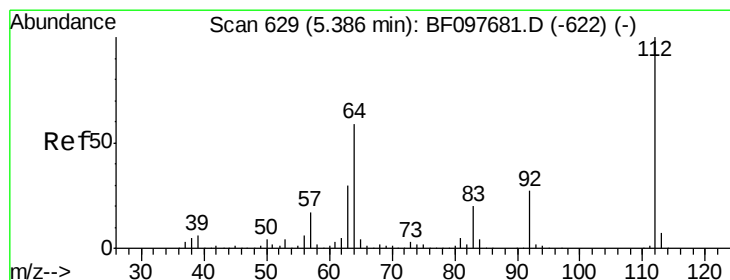
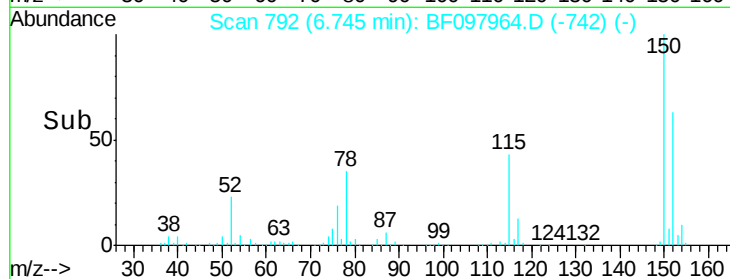
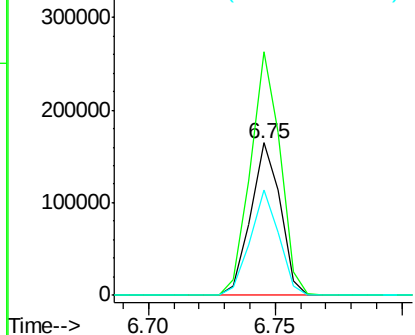
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF097964.D
 Acq: 22 Aug 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE3-1-3-COMP

Tot Ion:152 Resp: 135111
 Ion Ratio Lower Upper
 152 100
 150 159.8 126.2 189.2
 115 68.9 52.2 78.2



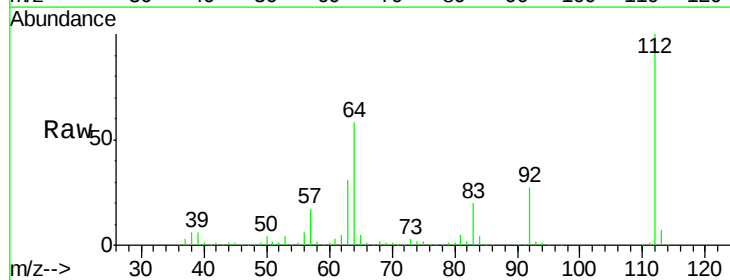
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



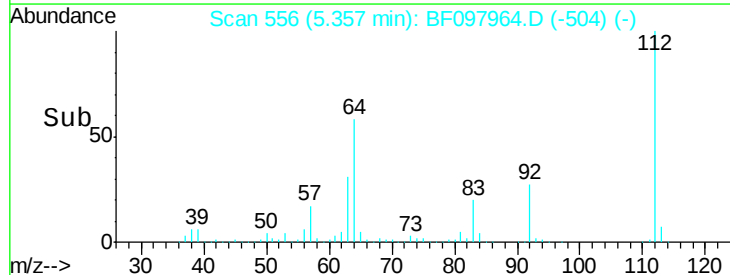
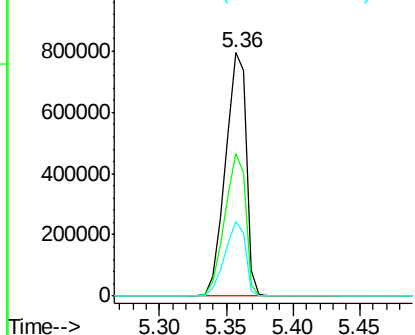
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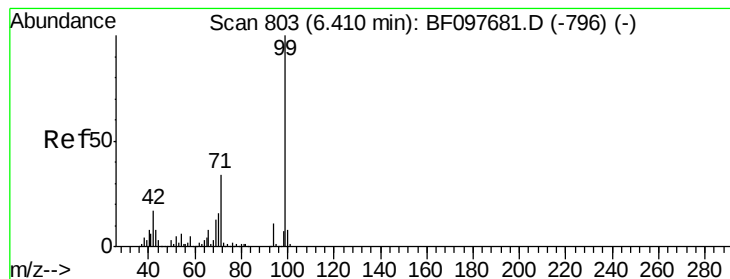
2-Fluorophenol
 Concen: 99.07 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF097964.D
 Acq: 22 Aug 2017 20:09

Tgt Ion:112 Resp: 880042
 Ion Ratio Lower Upper
 112 100
 64 58.3 46.0 69.0
 63 30.6 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: 99.97 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097964.D

Acq: 22 Aug 2017 20:09

Instrument :

BNA_F

ClientSampleId :

TEC-BE3-1-3-COMP

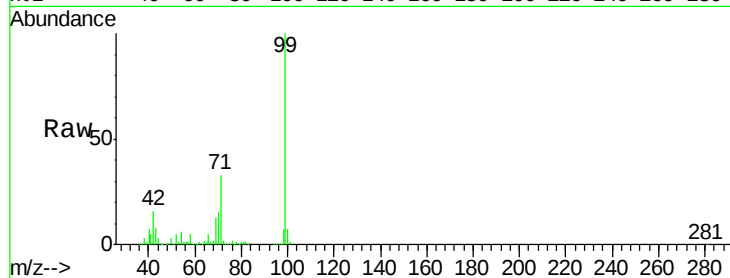
Tot Ion: 99 Resp: 1206476

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

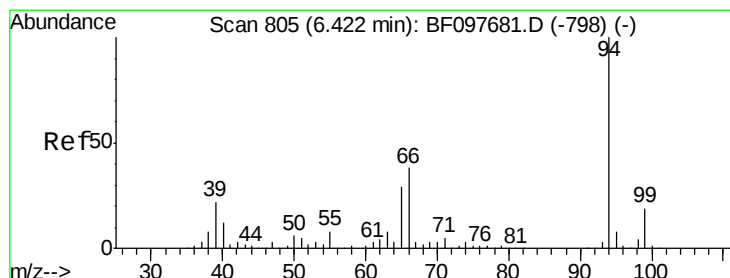
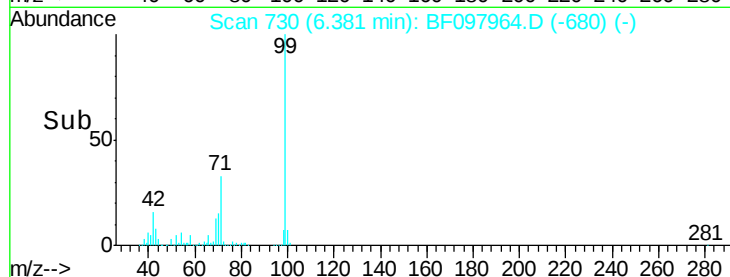
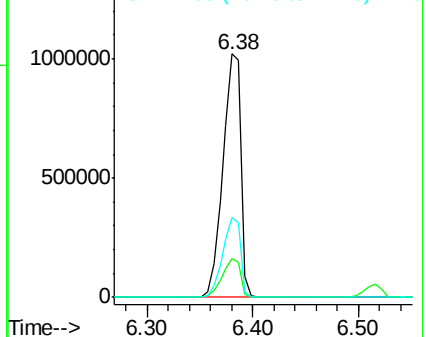
71 32.8 24.5 36.7



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: 2.68 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF097964.D

Acq: 22 Aug 2017 20:09

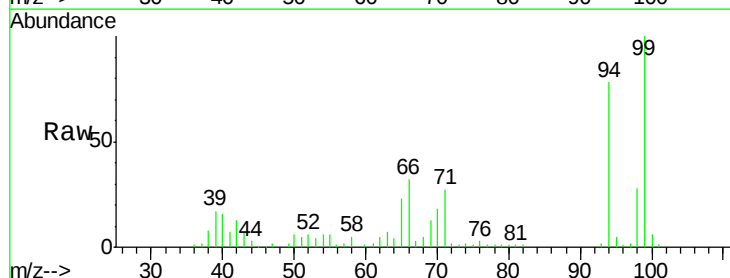
Tgt Ion: 94 Resp: 37860

Ion Ratio Lower Upper

94 100

65 28.9 9.9 49.9

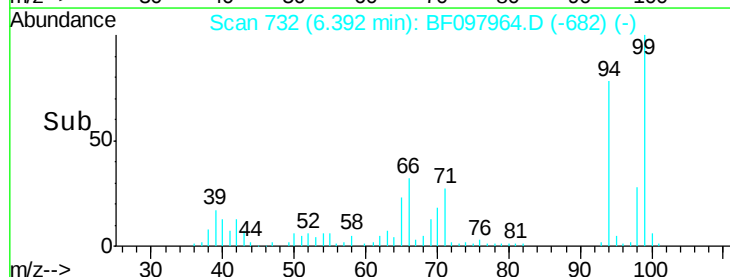
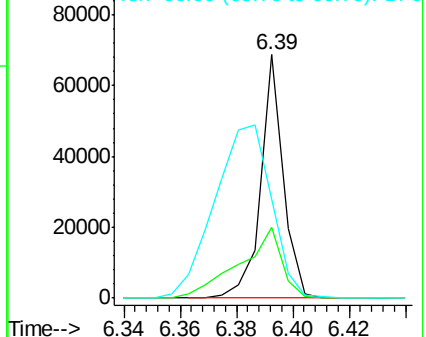
66 40.6 23.1 63.1

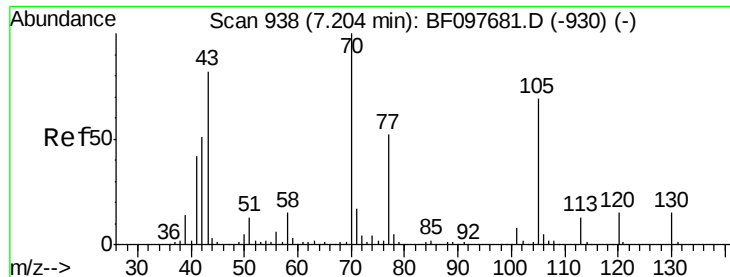


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

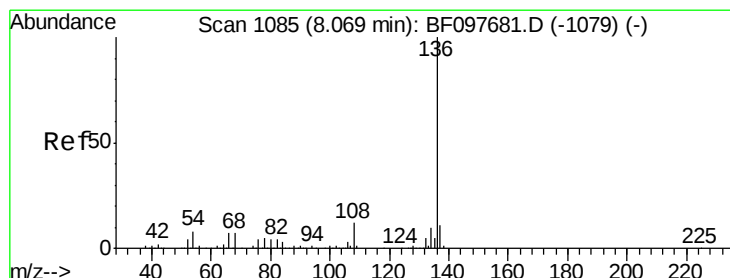
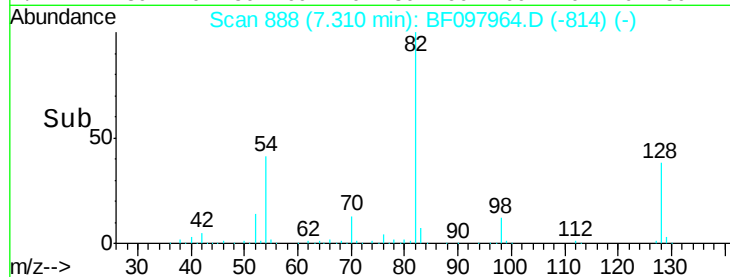
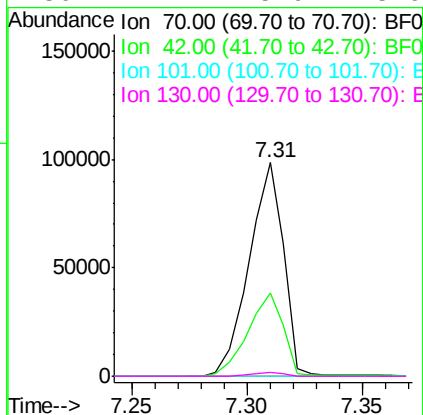
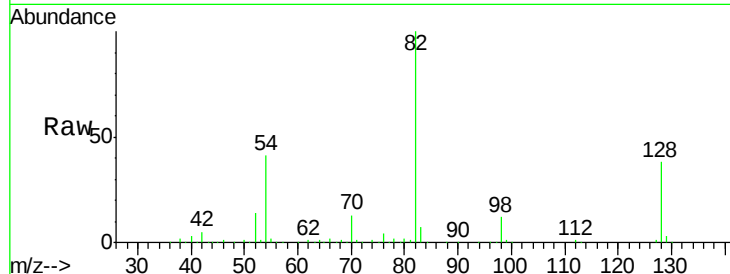




#19
n-Nitroso-di-n-propylamine
Concen: 12.40 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.14 min
Lab File: BF097964.D
Acq: 22 Aug 2017 20:09

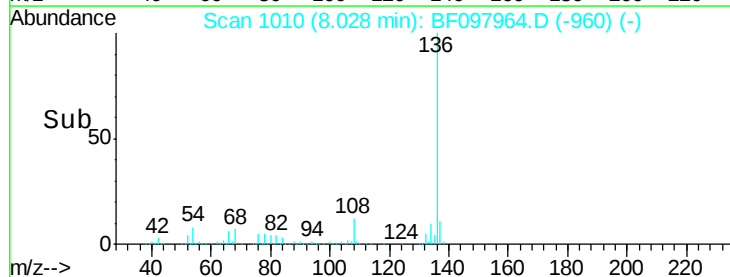
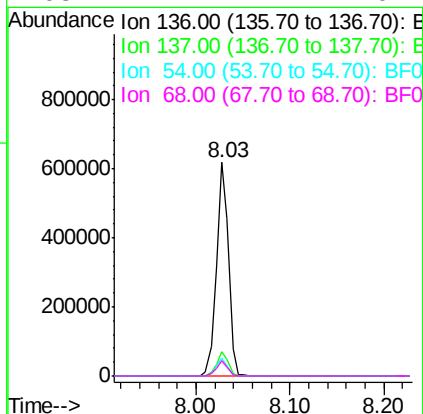
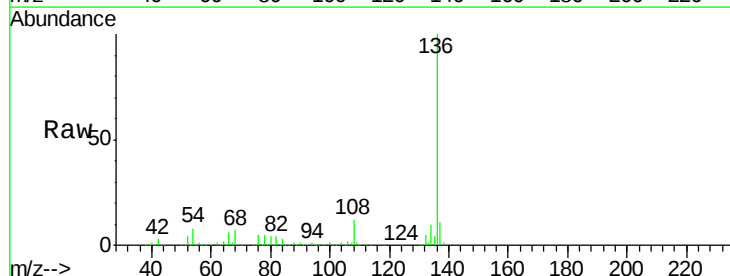
Instrument :
BNA_F
ClientSampleId :
TEC-BE3-1-3-COMP

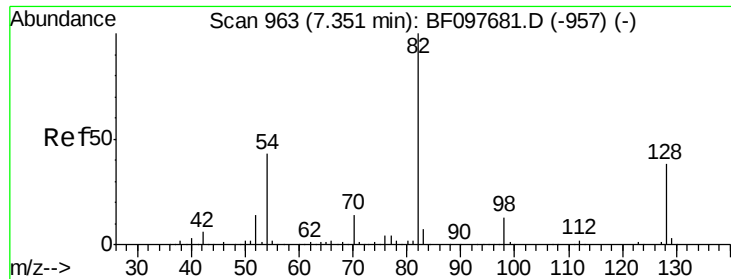
Tot Ion: 70 Resp: 102480
Ion Ratio Lower Upper
70 100
42 38.9 47.2 70.8#
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF097964.D
Acq: 22 Aug 2017 20:09

Tgt Ion: 136 Resp: 559288
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 8.2 4.9 7.3#
68 7.4 4.1 6.1#

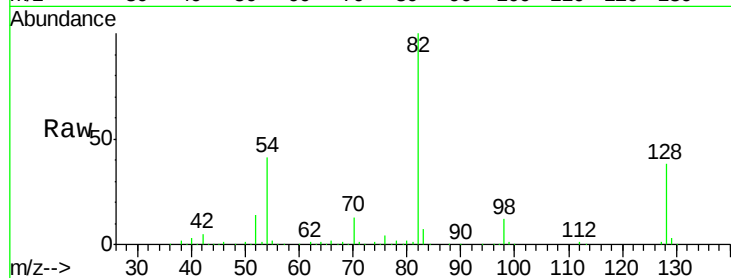




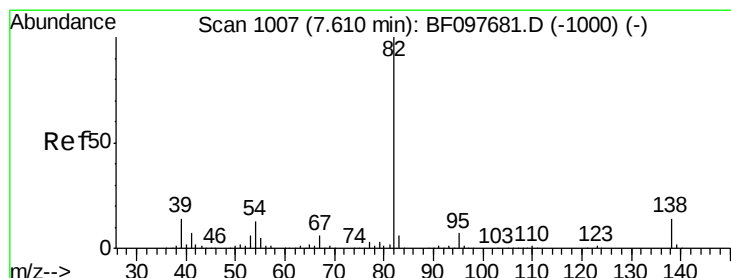
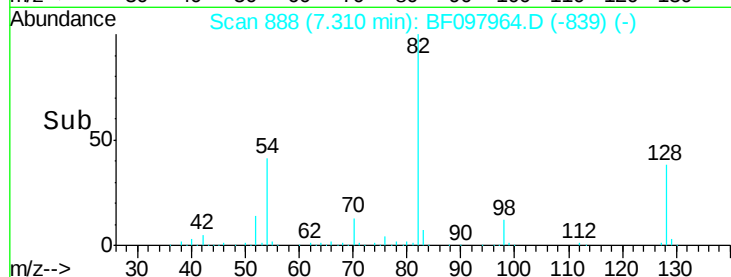
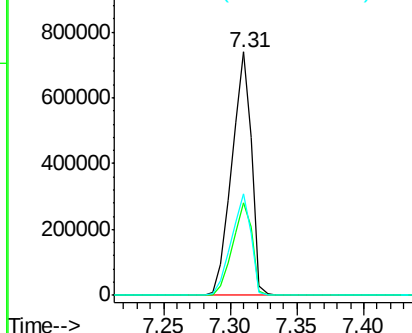
#23
 Nitrobenzene-d5
 Concen: 74.82 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF097964.D
 Acq: 22 Aug 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE3-1-3-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.0	34.0	51.0
54	41.5	42.2	63.2#

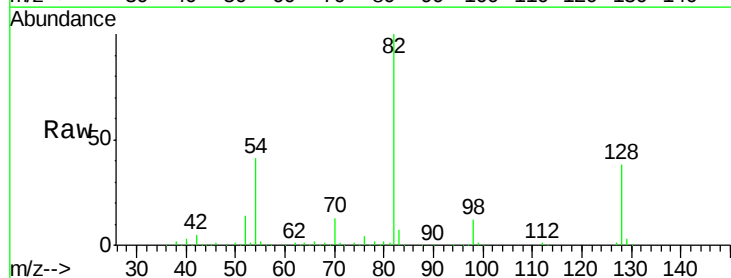


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

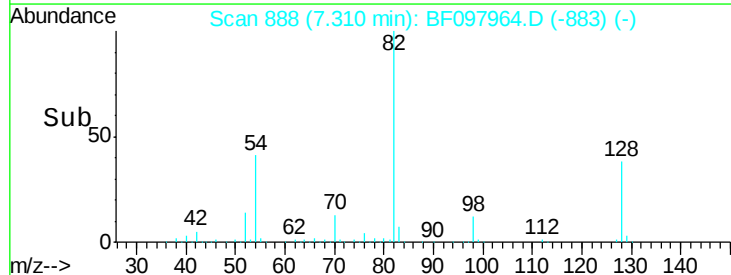
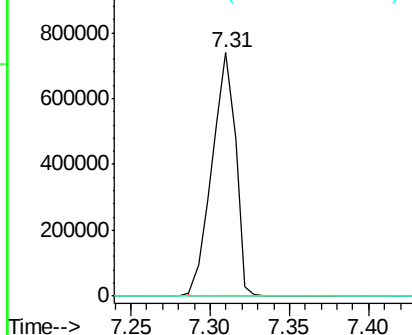


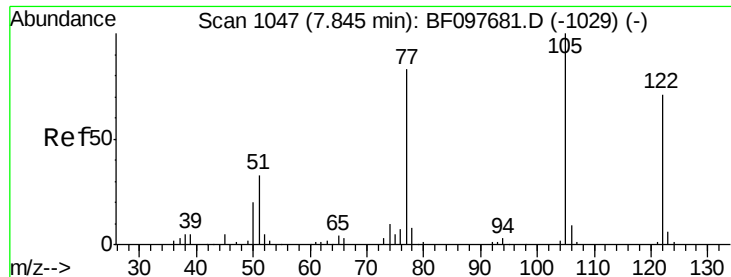
#25
 Isophorone
 Concen: 35.64 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.27 min
 Lab File: BF097964.D
 Acq: 22 Aug 2017 20:09

Tgt 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

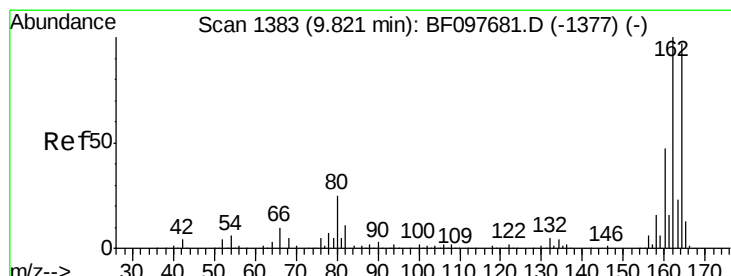
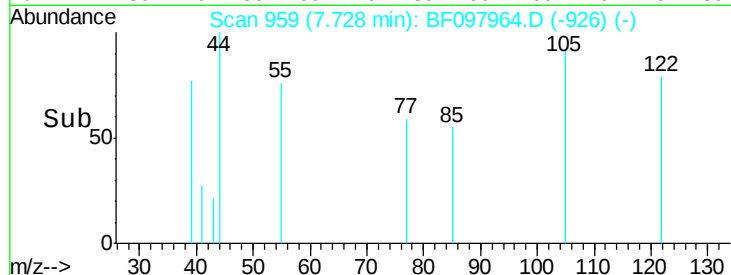
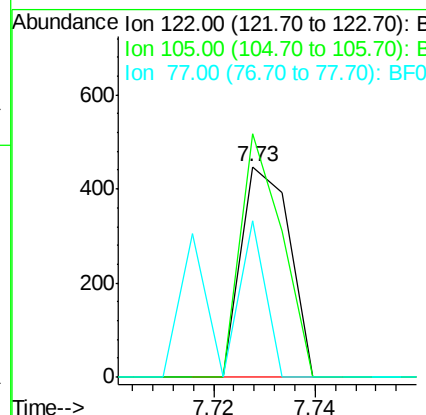
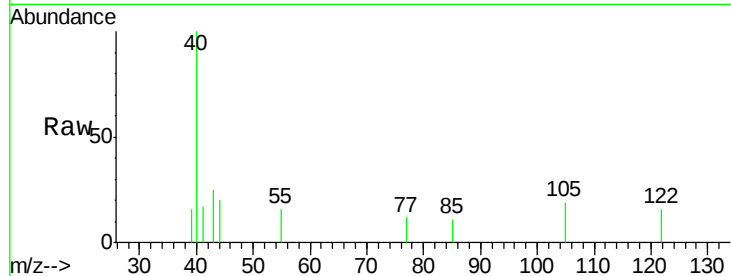




#32
Benzoic acid
Concen: 6.44 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.11 min
Lab File: BF097964.D
Acq: 22 Aug 2017 20:09

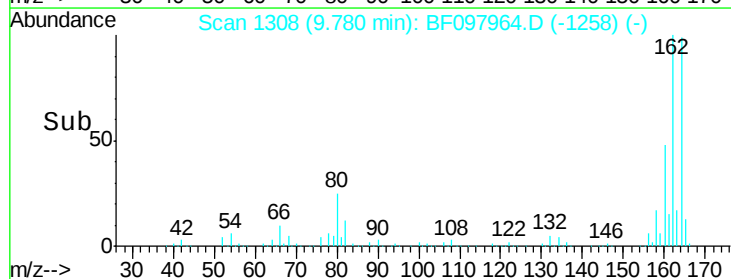
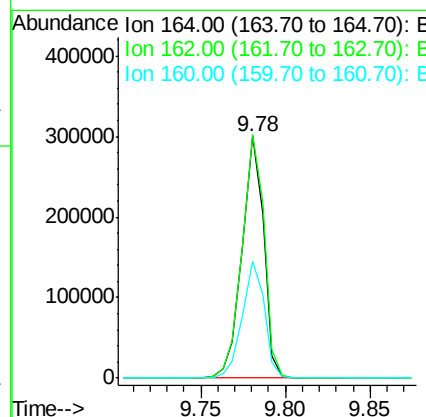
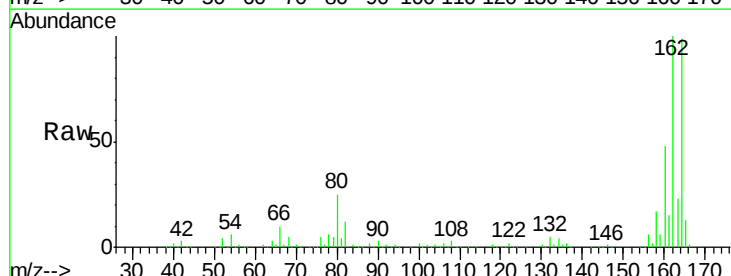
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TEC-BE3-1-3-COMP

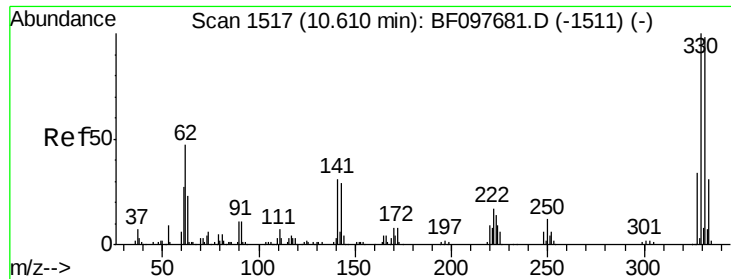
Tot Ion:122 Resp: 297
Ion Ratio Lower Upper
122 100
105 115.7 103.3 143.3
77 74.0 73.7 113.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF097964.D
Acq: 22 Aug 2017 20:09

Tgt Ion:164 Resp: 267370
Ion Ratio Lower Upper
164 100
162 100.6 82.6 123.8
160 48.1 36.2 54.2

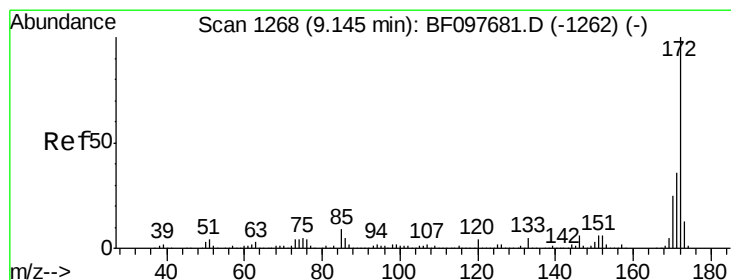
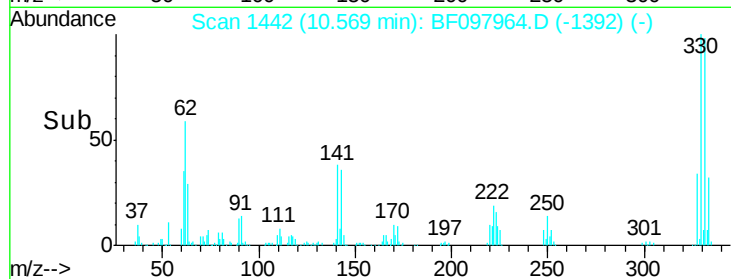
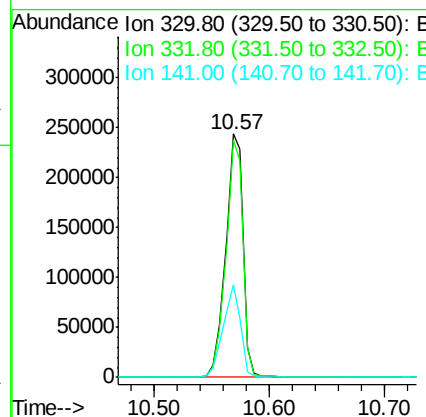
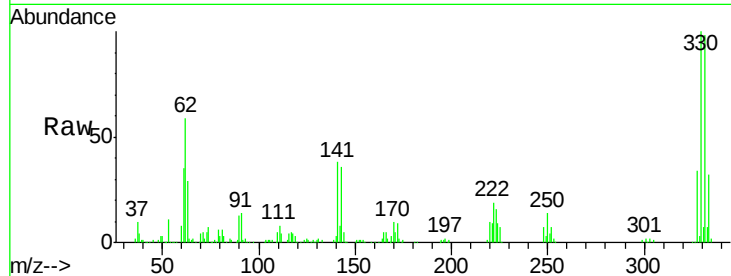




#41
 2,4,6-Tribromophenol
 Concen: 109.85 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097964.D
 Acq: 22 Aug 2017 20:09

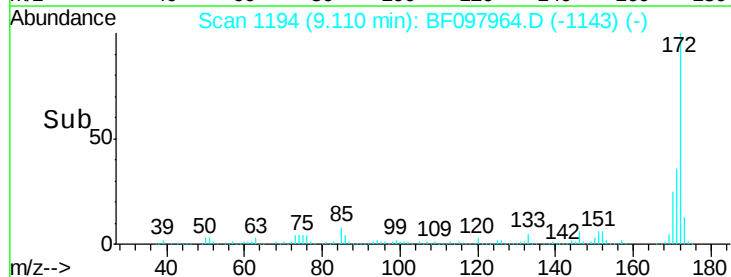
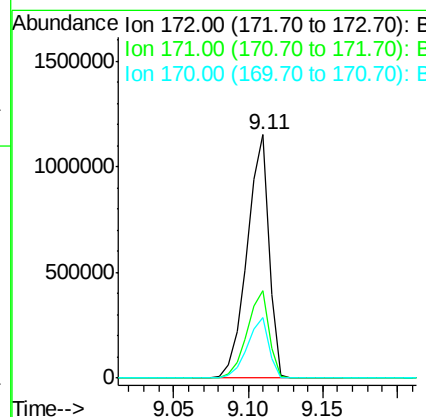
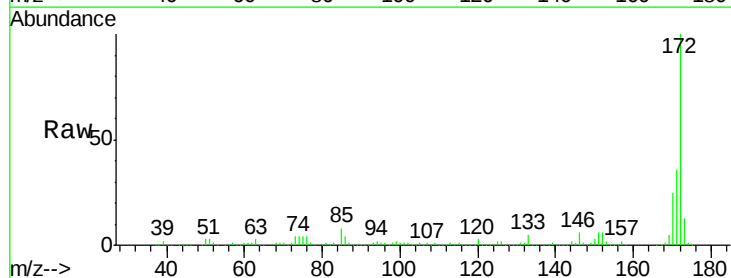
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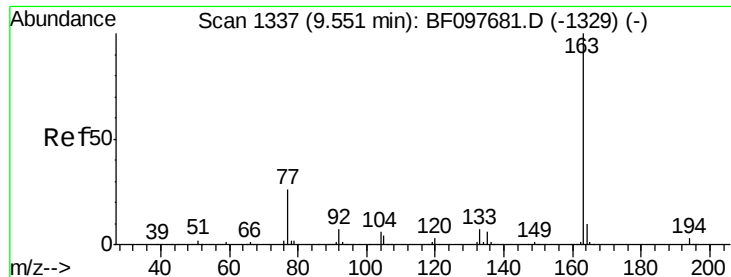
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	38.1	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 64.39 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097964.D
 Acq: 22 Aug 2017 20:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.7	19.8	29.8

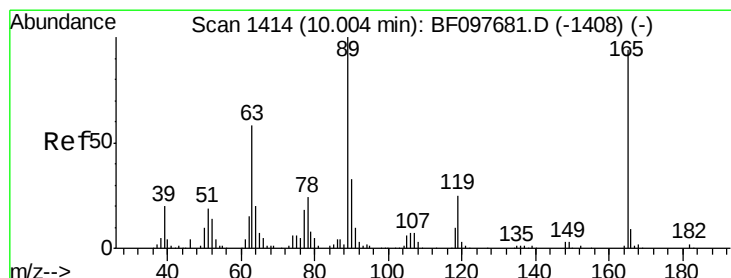
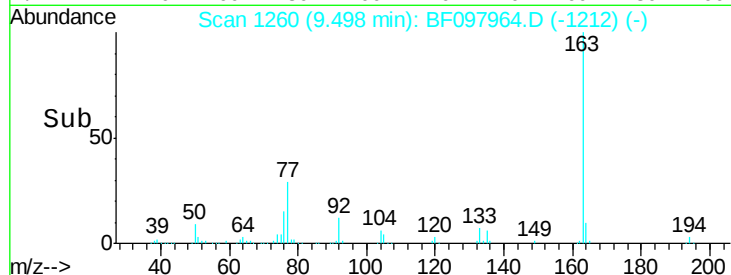
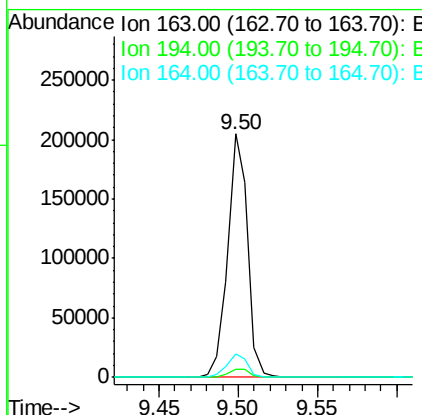
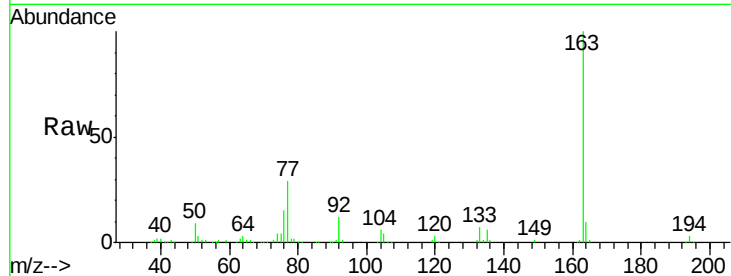




#49
Dimethylphthalate
Concen: 9.06 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF097964.D
Acq: 22 Aug 2017 20:09

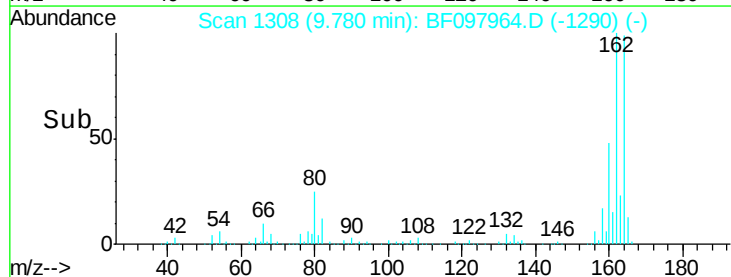
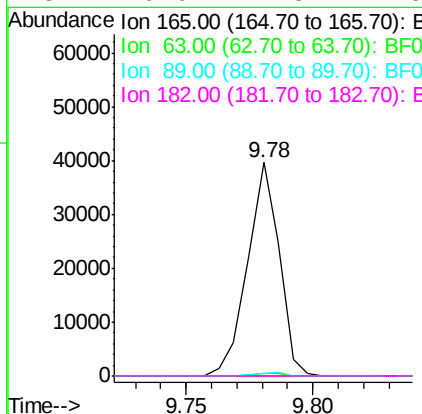
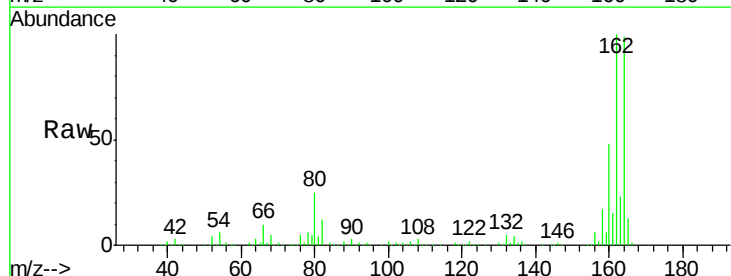
Instrument :
BNA_F
ClientSampleId :
TEC-BE3-1-3-COMP

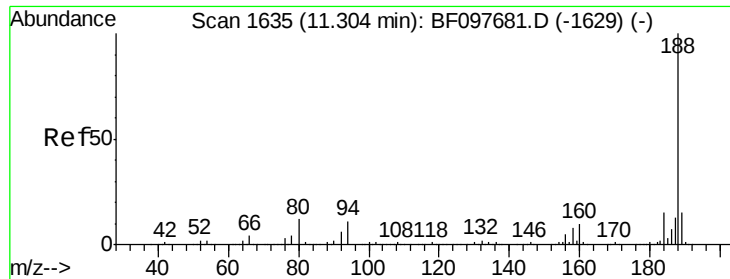
Tot Ion:163 Resp: 177028
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.8 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 7.04 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.19 min
Lab File: BF097964.D
Acq: 22 Aug 2017 20:09

Tgt Ion:165 Resp: 34484
Ion Ratio Lower Upper
165 100
63 1.1 25.4 38.0#
89 1.4 46.4 69.6#
182 0.0 1.8 2.6#

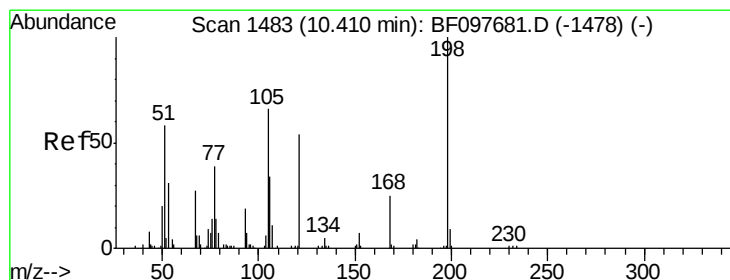
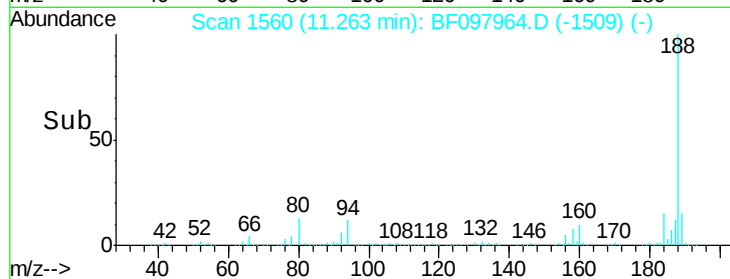
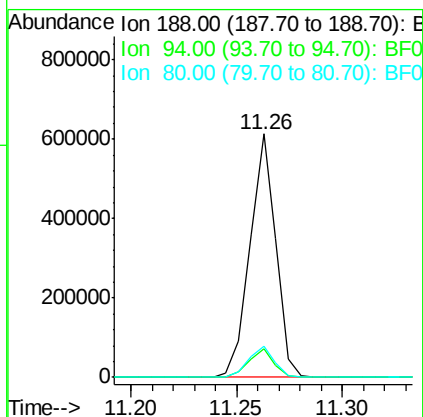
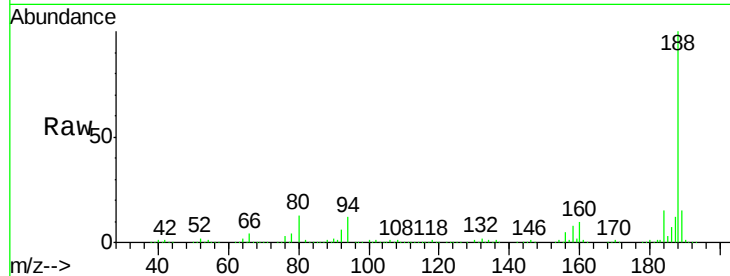




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF097964.D
 Acq: 22 Aug 2017 20:09

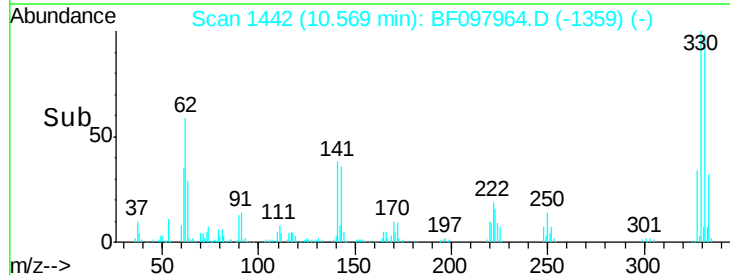
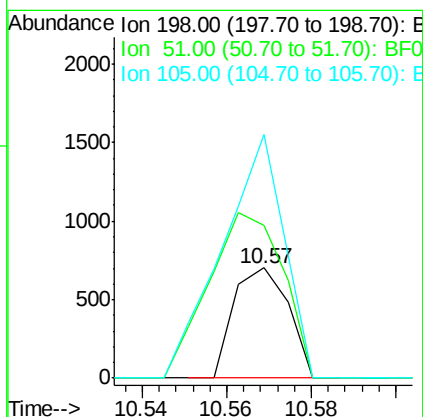
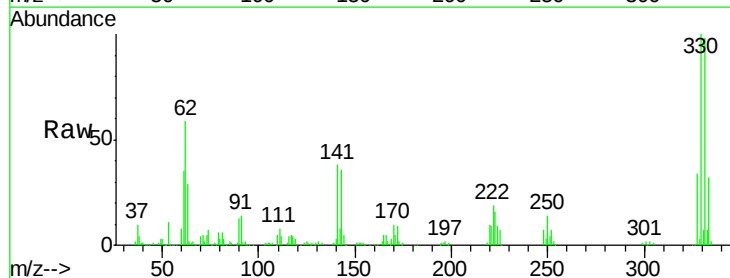
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE3-1-3-COMP

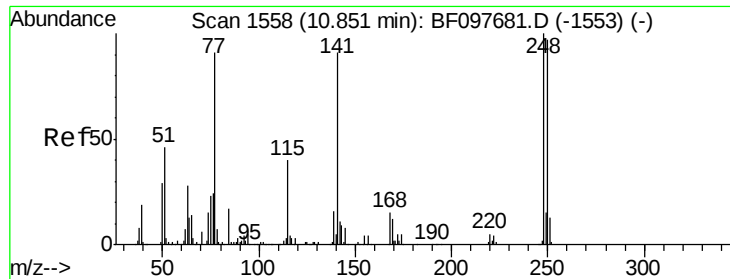
Tot Ion:188 Resp: 522688
 Ion Ratio Lower Upper
 188 100
 94 11.8 9.4 14.2
 80 12.6 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.53 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.19 min
 Lab File: BF097964.D
 Acq: 22 Aug 2017 20:09

Tgt Ion:198 Resp: 631
 Ion Ratio Lower Upper
 198 100
 51 139.2 53.2 93.2#
 105 221.1 45.8 85.8#

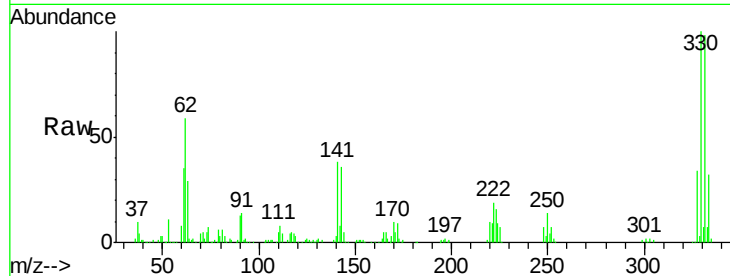




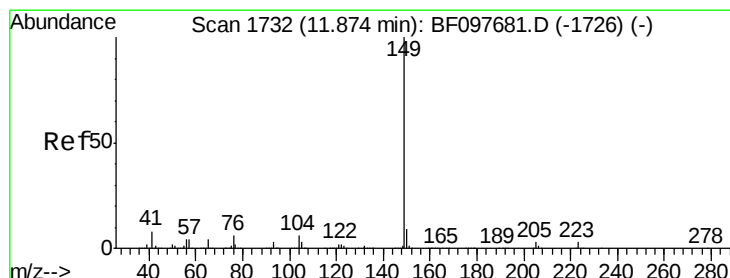
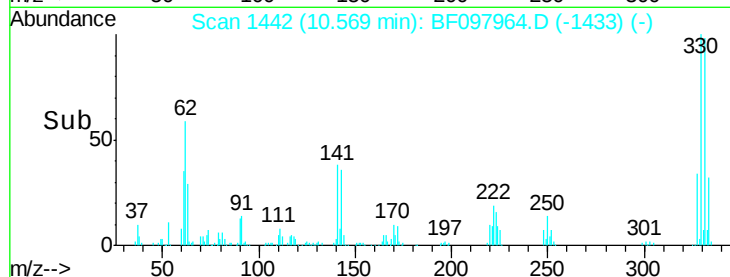
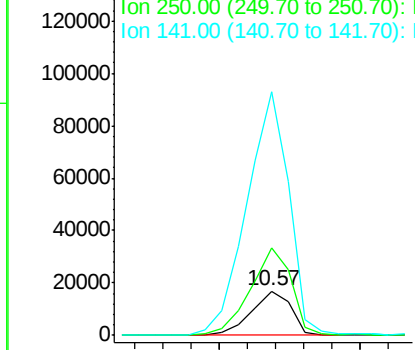
#66
4-Bromophenyl-phenylether
Concen: 3.05 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.25 min
Lab File: BF097964.D
Acq: 22 Aug 2017 20:09

Instrument :
BNA_F
ClientSampleId :
TEC-BE3-1-3-COMP

Tot Ion:248 Resp: 16558
Ion Ratio Lower Upper
248 100
250 198.3 76.8 115.2#
141 550.5 68.6 103.0#

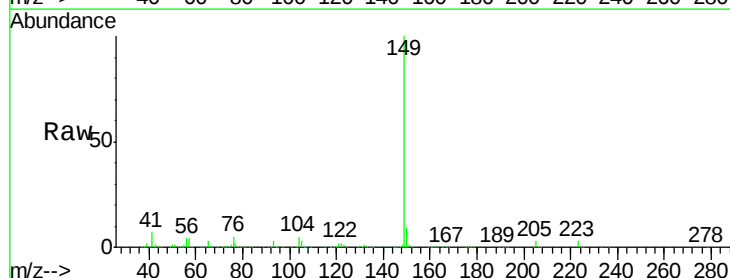


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

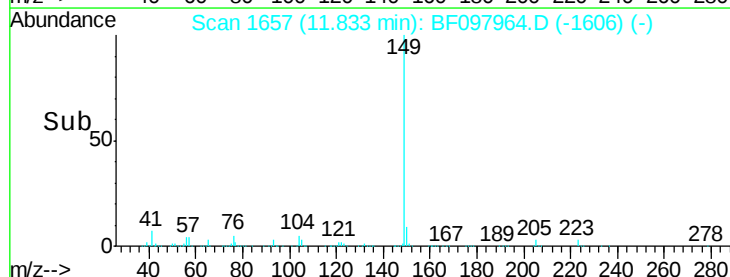
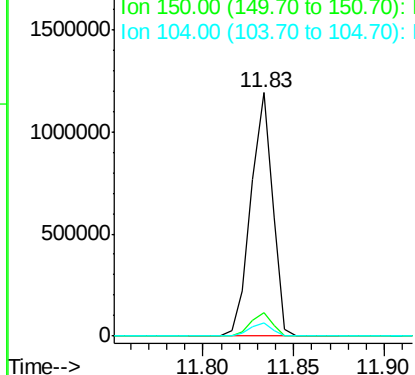


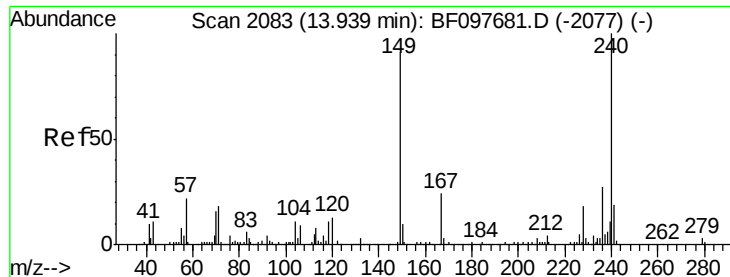
#73
Di-n-butylphthalate
Concen: 32.26 ng
RT: 11.83 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BF097964.D
Acq: 22 Aug 2017 20:09

Tgt Ion:149 Resp: 996279
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 5.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF097964.D

Acq: 22 Aug 2017 20:09

Instrument :

BNA_F

ClientSampleId :

TEC-BE3-1-3-COMP

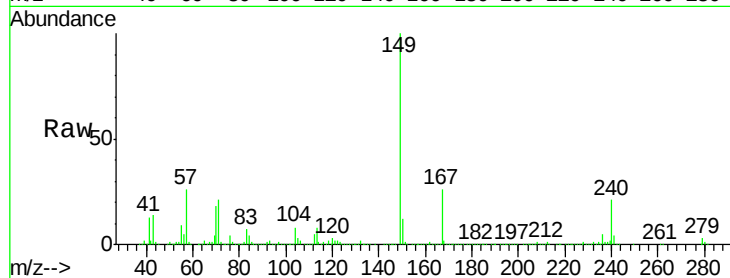
Tot Ion:240 Resp: 233774

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

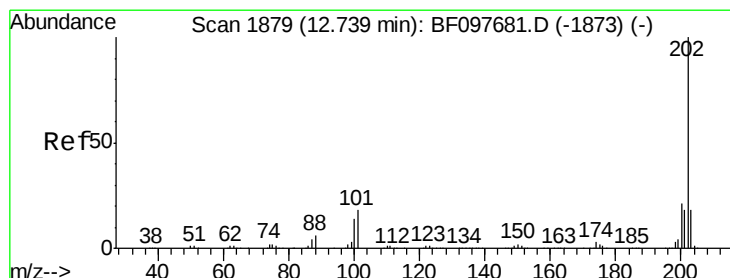
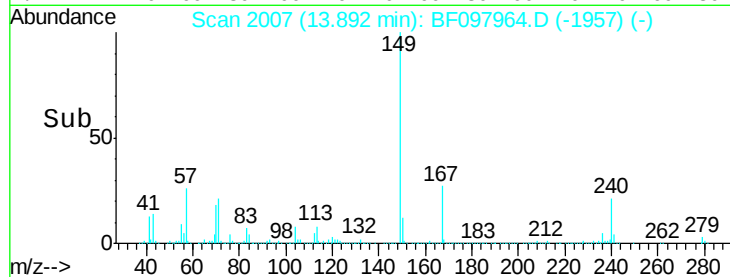
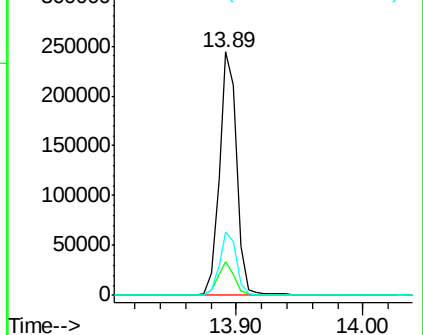
236 25.7 20.5 30.7



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



#77

Pyrene

Concen: 2.27 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF097964.D

Acq: 22 Aug 2017 20:09

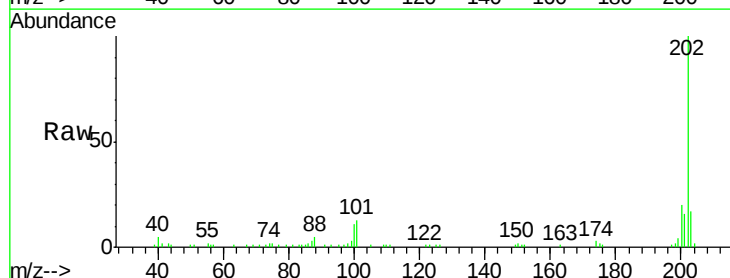
Tgt Ion:202 Resp: 43387

Ion Ratio Lower Upper

202 100

200 20.0 17.6 26.4

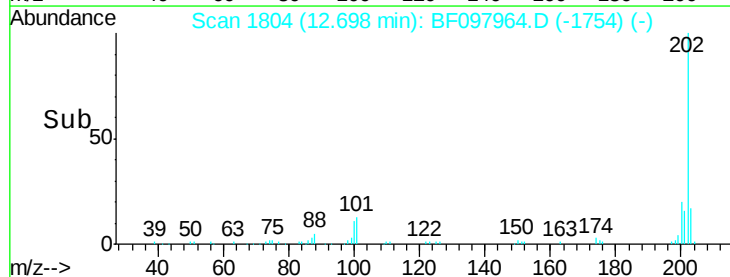
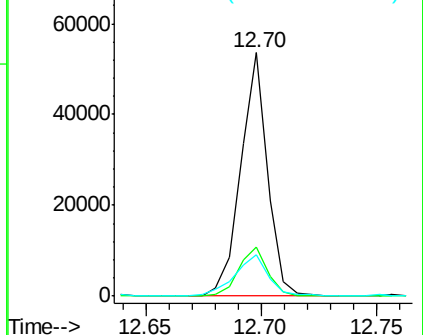
203 17.2 14.4 21.6

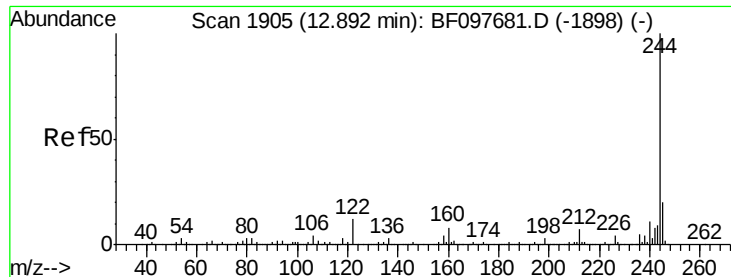


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 89.95 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF097964.D

Acq: 22 Aug 2017 20:09

Instrument :

BNA_F

ClientSampleId :

TEC-BE3-1-3-COMP

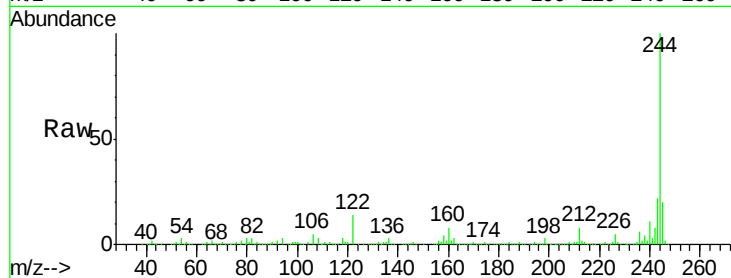
Tot Ion:244 Resp: 1008323

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

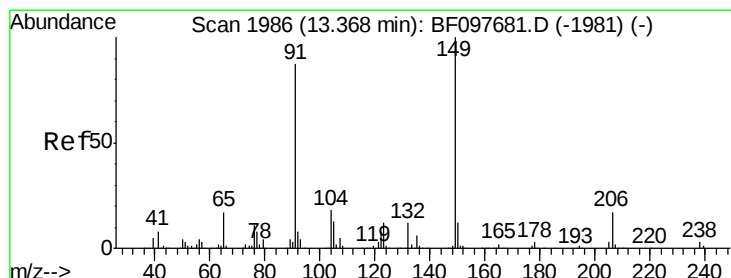
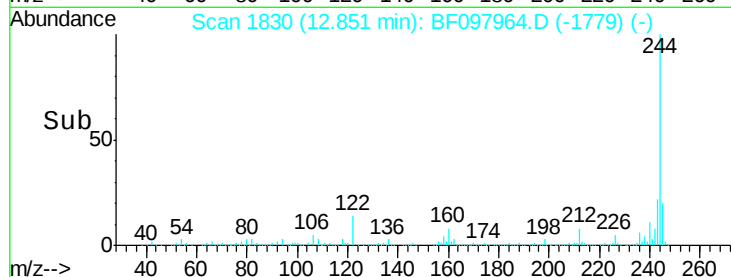
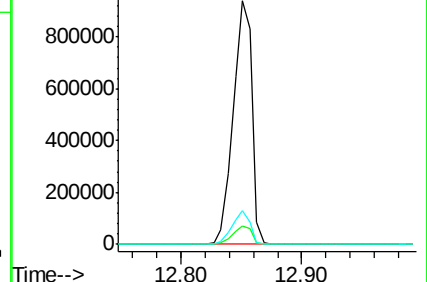
122 13.6 10.3 15.5



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



#79

Butylbenzylphthalate

Concen: 9.49 ng

RT: 13.32 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BF097964.D

Acq: 22 Aug 2017 20:09

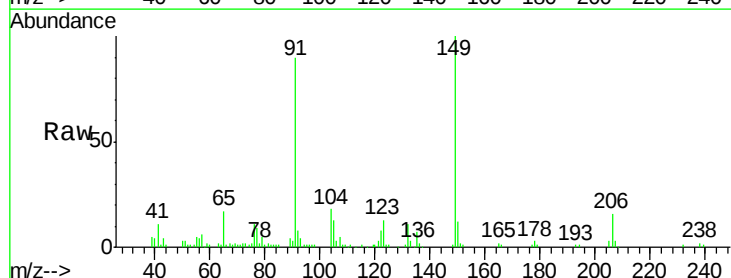
Tgt Ion:149 Resp: 69557

Ion Ratio Lower Upper

149 100

91 90.5 45.0 67.4#

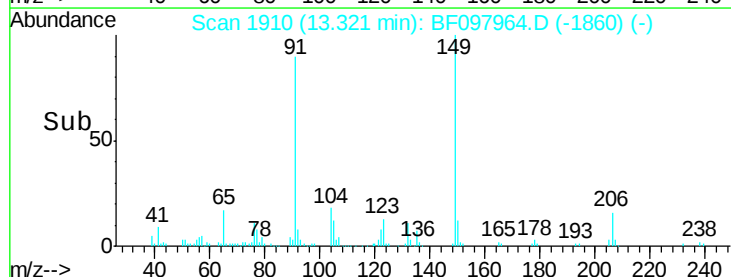
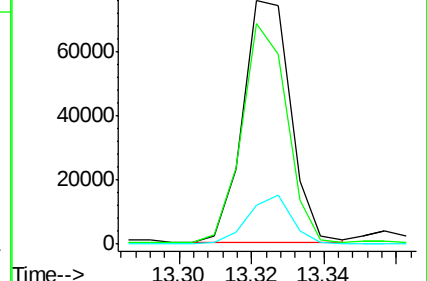
206 16.1 17.0 25.6#

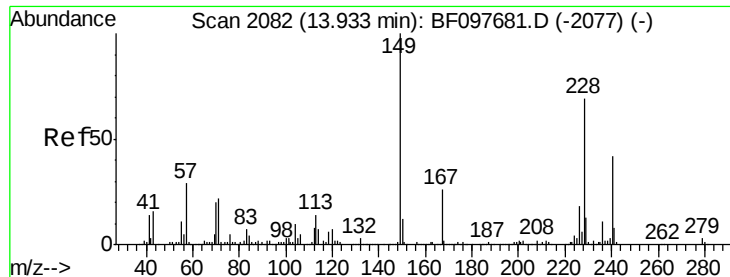


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

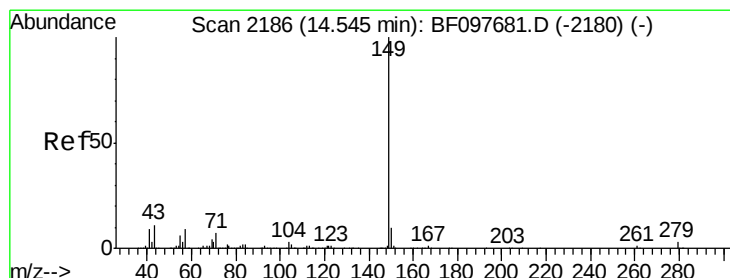
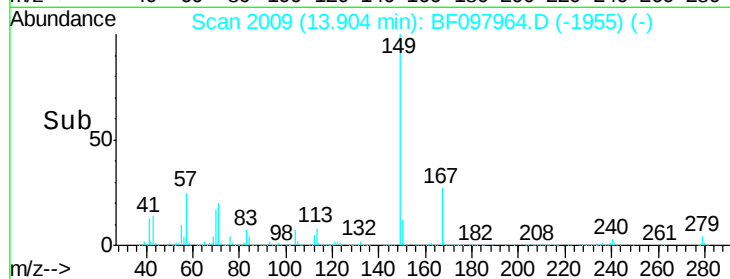
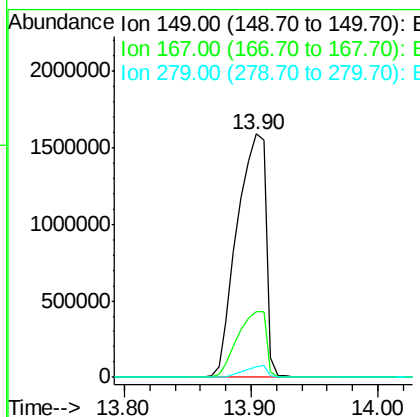
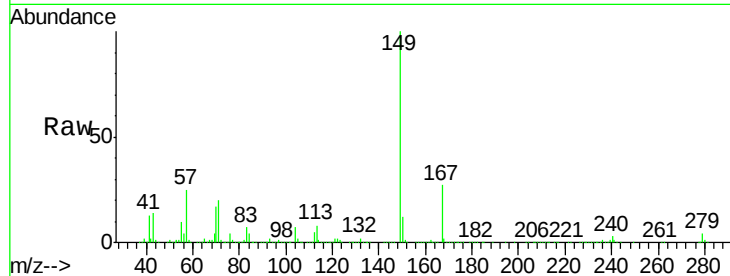




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 310.42 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. 0.02 min
 Lab File: BF097964.D
 Acq: 22 Aug 2017 20:09

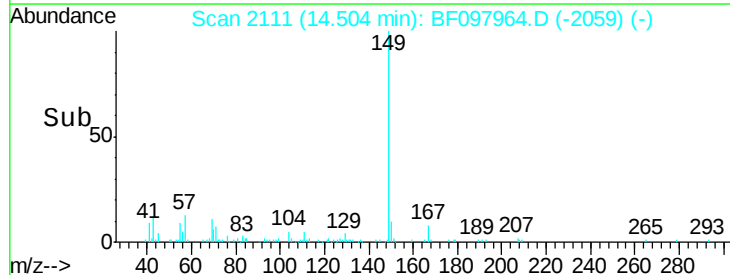
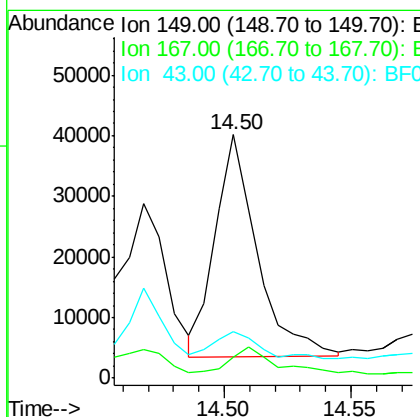
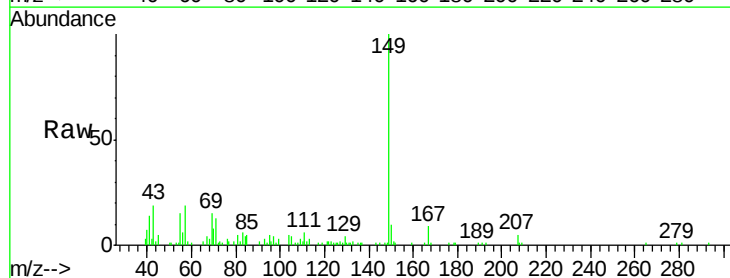
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE3-1-3-COMP

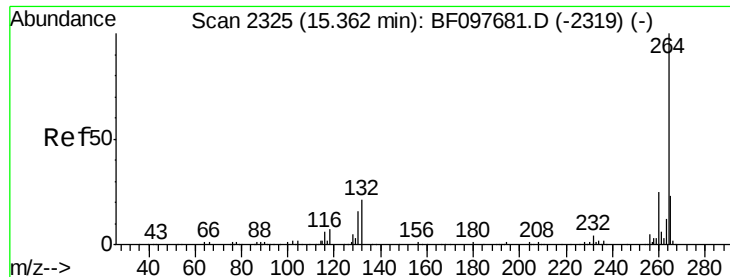
Tot Ion:149 Resp: 2521564
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.0 31.4
 279 4.4 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 2.99 ng
 RT: 14.50 min Scan# 2111
 Delta R.T. 0.01 min
 Lab File: BF097964.D
 Acq: 22 Aug 2017 20:09

Tgt Ion:149 Resp: 42308
 Ion Ratio Lower Upper
 149 100
 167 12.7 1.2 1.8#
 43 12.9 8.5 12.7#

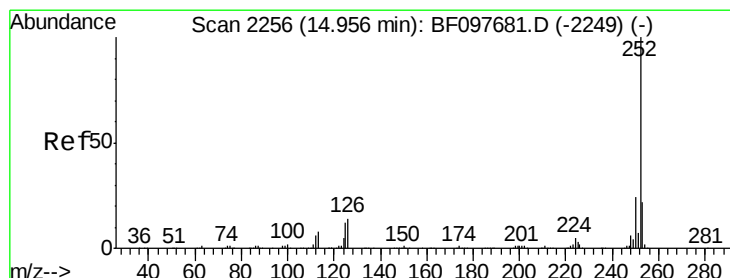
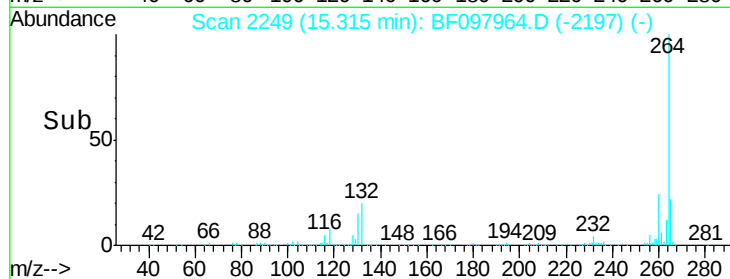
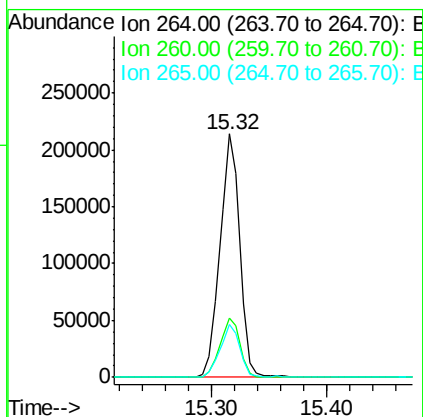
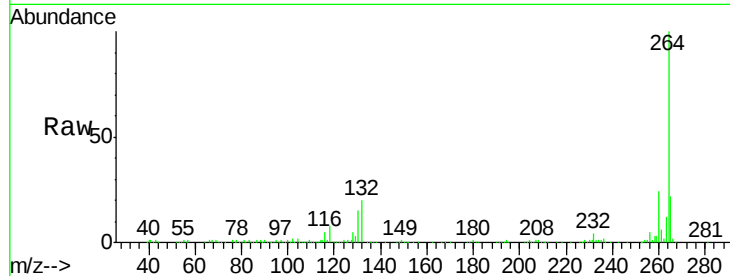




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF097964.D
Acq: 22 Aug 2017 20:09

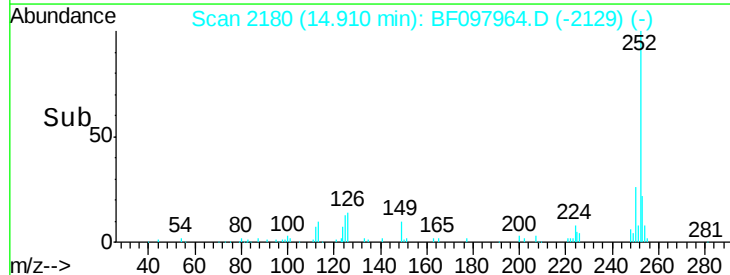
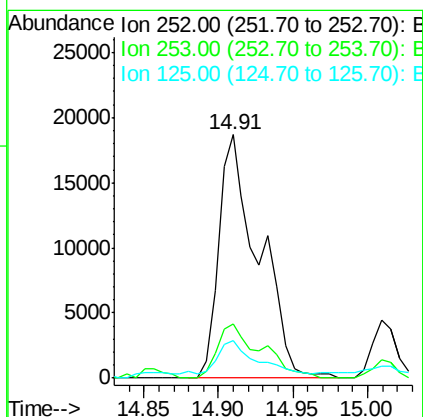
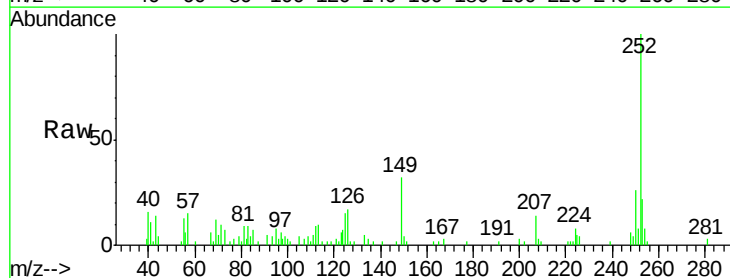
Instrument :
BNA_F
ClientSampleId :
TEC-BE3-1-3-COMP

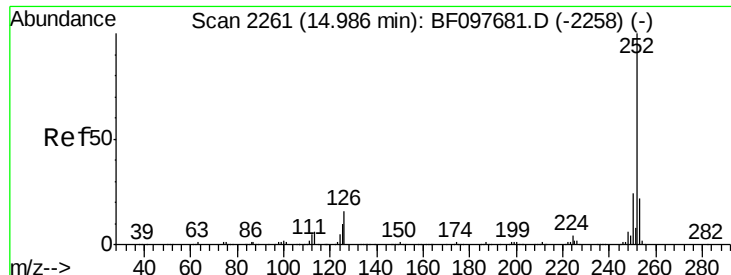
Tot Ion:264 Resp: 253938
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 21.6 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 2.17 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BF097964.D
Acq: 22 Aug 2017 20:09

Tgt Ion:252 Resp: 34677
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 15.4 9.8 14.8#





#88

Benzo(k)fluoranthene

Concen: 2.31 ng

RT: 14.91 min Scan# 2180

Delta R.T. -0.03 min

Lab File: BF097964.D

Acq: 22 Aug 2017 20:09

Instrument :

BNA_F

ClientSampleId :

TEC-BE3-1-3-COMP

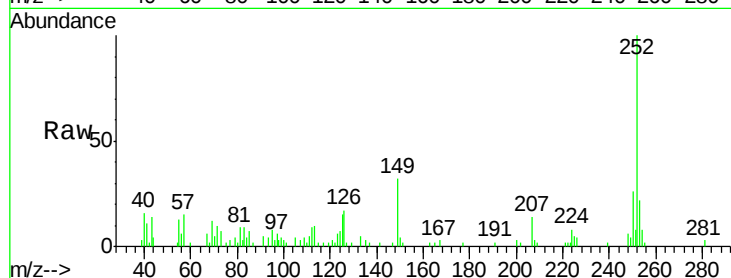
Tot Ion:252 Resp: 34677

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

125 15.4 13.1 19.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

