

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097904.D
 Acq On : 21 Aug 2017 14:07
 Operator : SJ/JU
 Sample : I4873-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE3-3-10-COMP

Quant Time: Aug 22 01:08:47 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

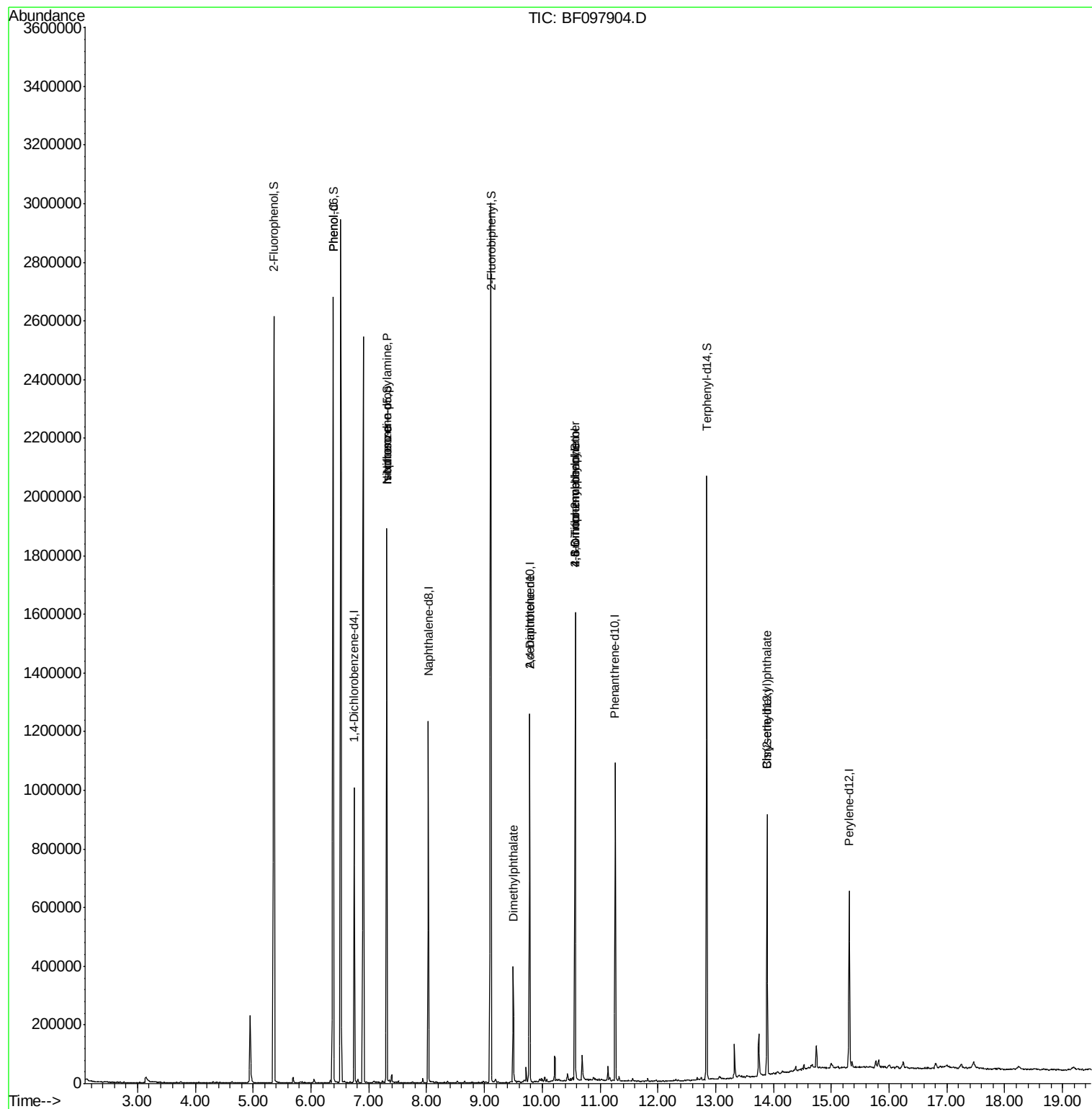
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	128102	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	509259	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	218142	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	359148	20.00	ng	0.00
75) Chrysene-d12	13.89	240	262622	20.00	ng	0.00
86) Perylene-d12	15.31	264	253554	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	821483	97.54	ng	0.01
7) Phenol-d6	6.39	99	1095787	95.76	ng	0.00
23) Nitrobenzene-d5	7.31	82	678216	72.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	172576	91.18	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	975078	65.67	ng	0.00
78) Terphenyl-d14	12.85	244	622478	49.43	ng	0.00
Target Compounds						
10) Phenol	6.39	94	33821	2.53	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	7.31	70	92545	11.81	ng	# 72
25) Isophorone	7.31	82	673347	34.54	ng	# 67
49) Dimethylphthalate	9.50	163	122946	7.71	ng	99
56) 2,4-Dinitrotoluene	9.78	165	28025	7.02	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.57	198	346	8.49	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	11897	3.19	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.89	149	37037	4.06	ng	# 100

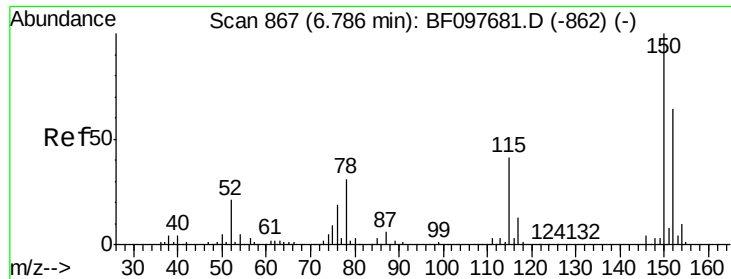
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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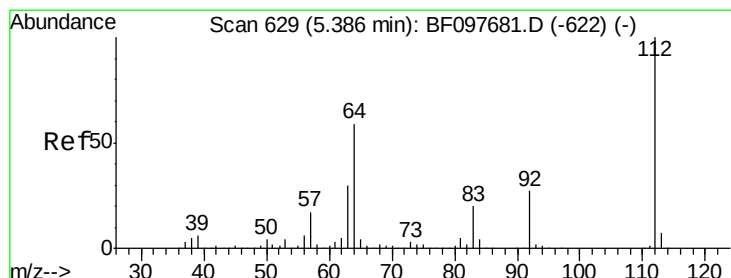
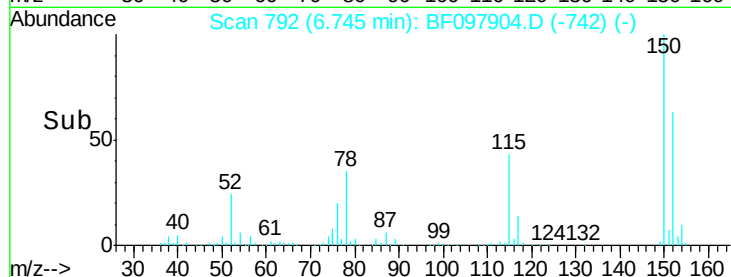
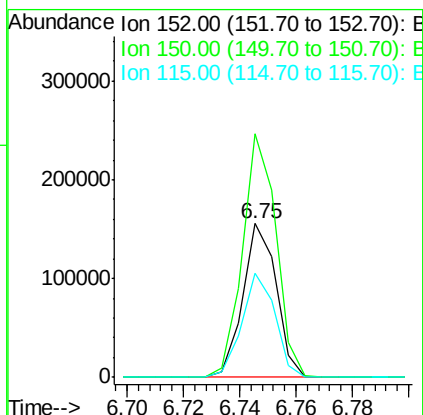
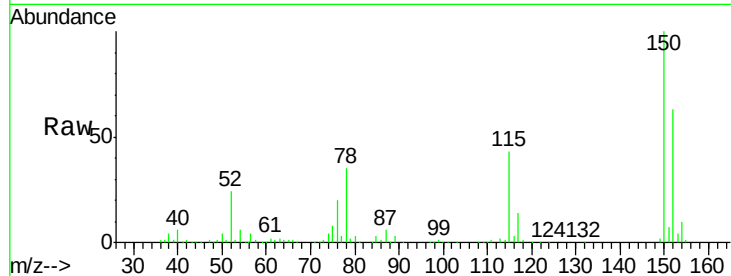


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF097904.D
Acq: 21 Aug 2017 14:07

Instrument :
BNA_F
ClientSampleId :
TEC-BE3-3-10-COMP

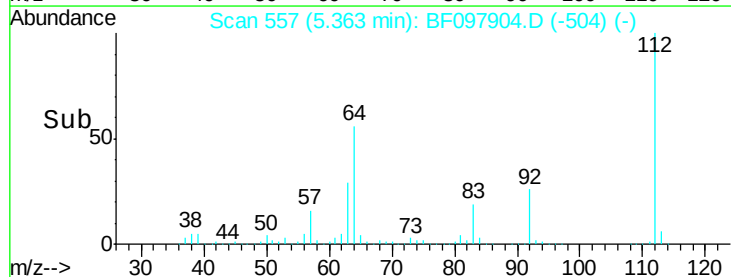
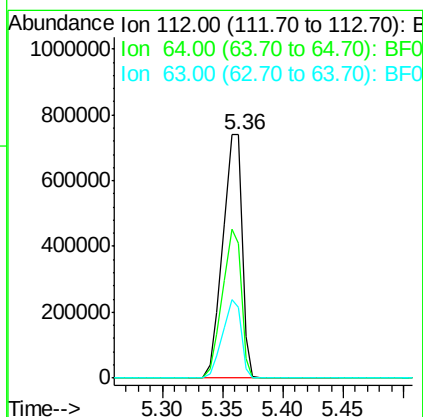
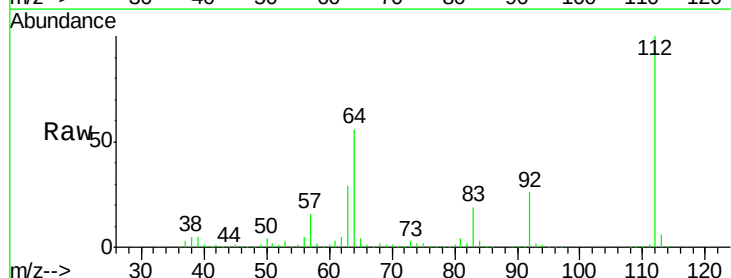
Tot Ion:152 Resp: 128102
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.2
115 67.8 52.2 78.2

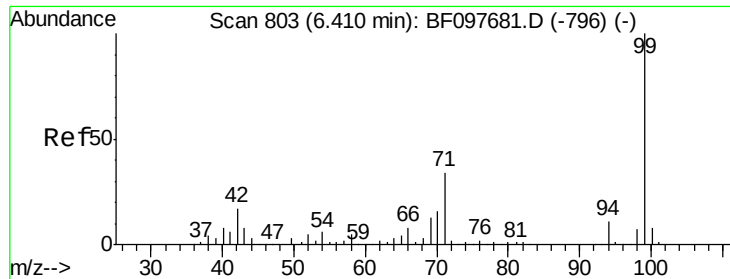


#5

2-Fluorophenol
Concen: 97.54 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF097904.D
Acq: 21 Aug 2017 14:07

Tgt Ion:112 Resp: 821483
Ion Ratio Lower Upper
112 100
64 55.6 46.0 69.0
63 29.1 23.4 35.0





#7

Phenol-d6

Concen: 95.76 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097904.D

Acq: 21 Aug 2017 14:07

Instrument :

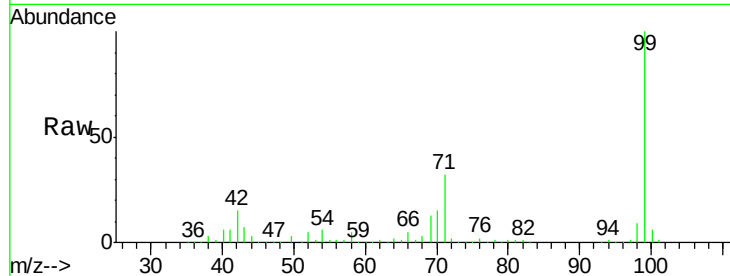
BNA_F

ClientSampleId :

TEC-BE3-3-10-COMP

Tot Ion: 99 Resp: 1095787

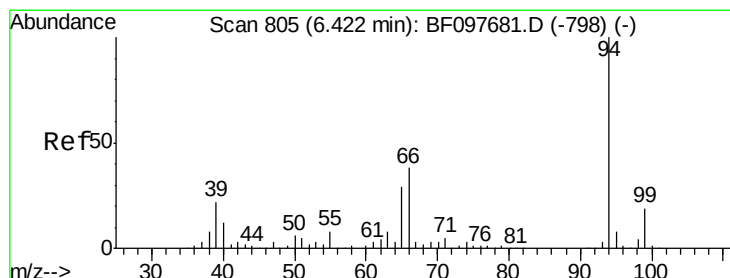
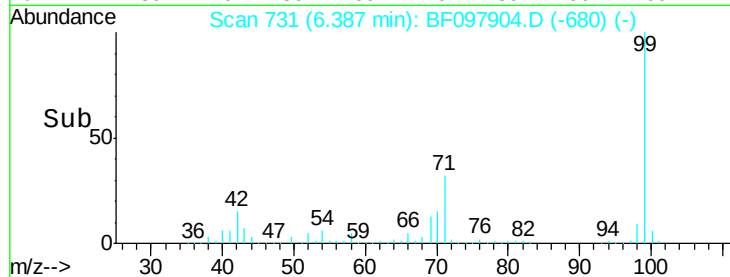
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	32.2	24.5	36.7



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: 2.53 ng

RT: 6.39 min Scan# 732

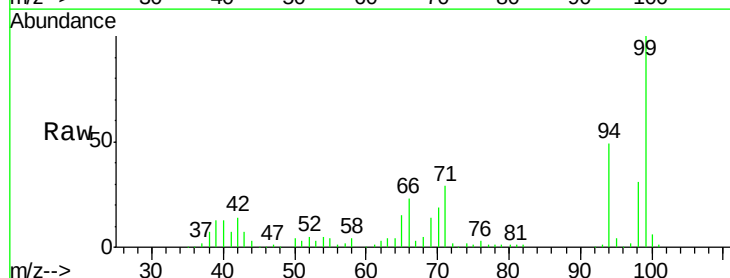
Delta R.T. -0.01 min

Lab File: BF097904.D

Acq: 21 Aug 2017 14:07

Tgt Ion: 94 Resp: 33821

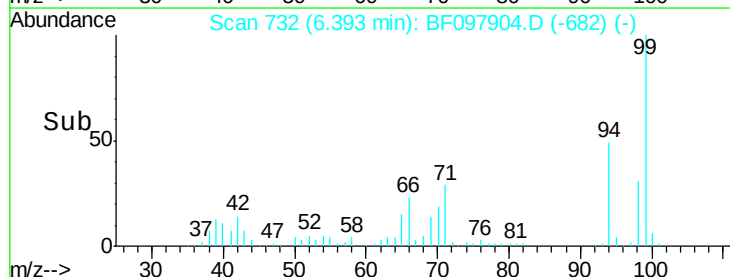
Ion	Ratio	Lower	Upper
94	100		
65	30.1	9.9	49.9
66	47.4	23.1	63.1

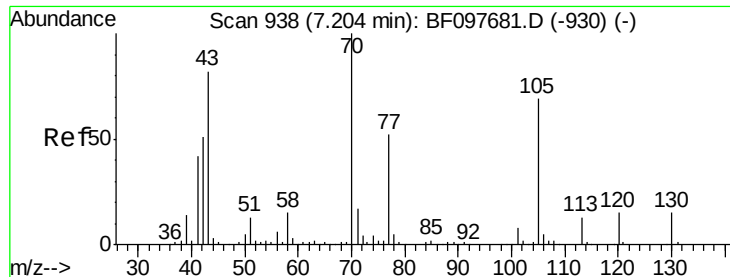


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

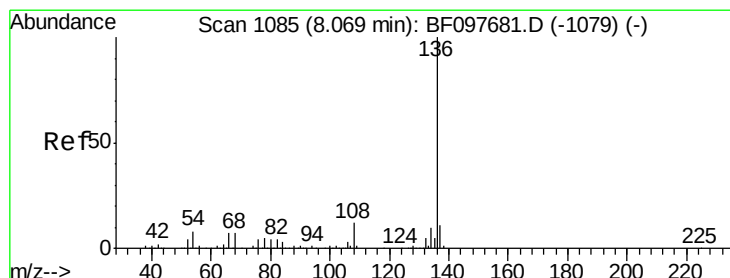
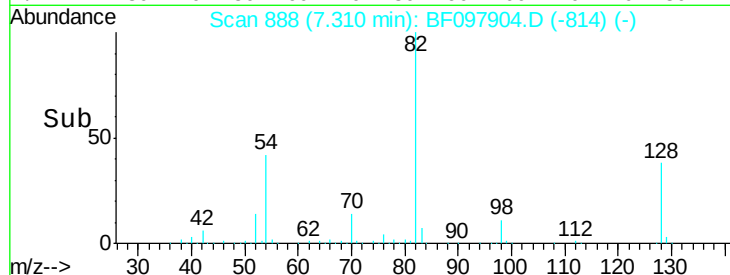
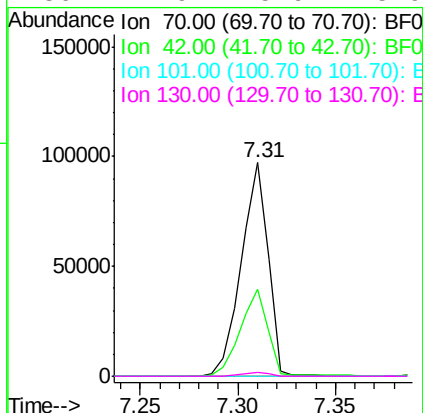
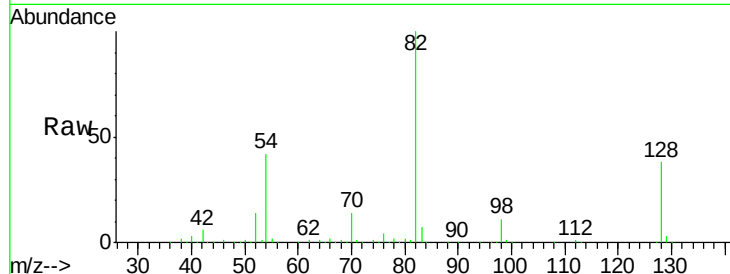




#19
n-Nitroso-di-n-propylamine
Concen: 11.81 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.14 min
Lab File: BF097904.D
Acq: 21 Aug 2017 14:07

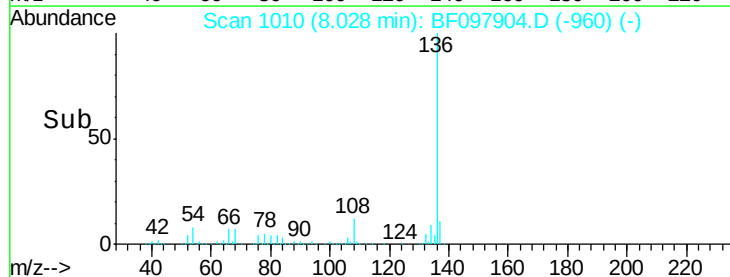
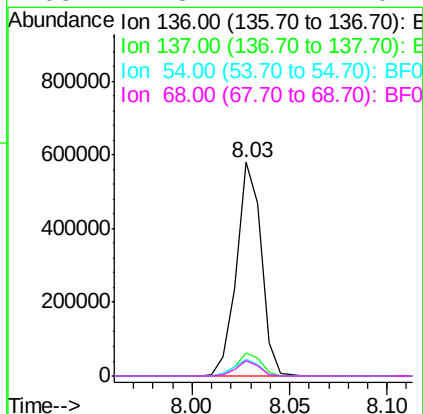
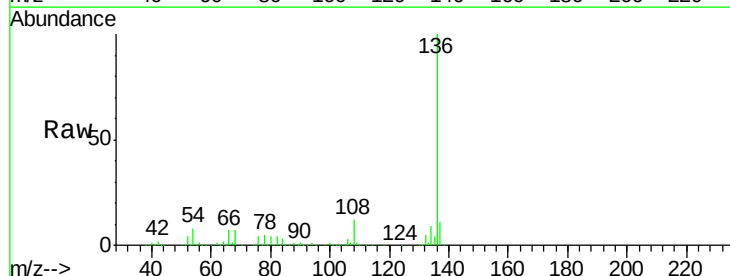
Instrument :
BNA_F
ClientSampleId :
TEC-BE3-3-10-COMP

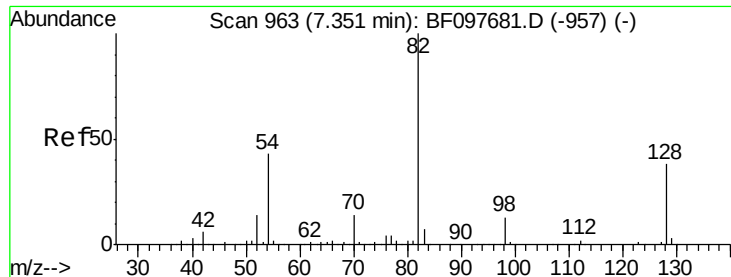
Tot Ion: 70 Resp: 92545
Ion Ratio Lower Upper
70 100
42 40.5 47.2 70.8#
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF097904.D
Acq: 21 Aug 2017 14:07

Tgt Ion: 136 Resp: 509259
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 8.0 4.9 7.3#
68 7.3 4.1 6.1#

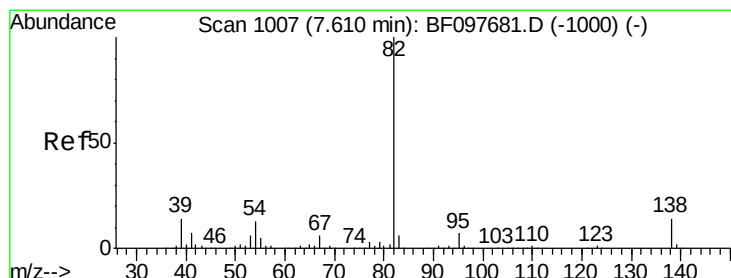
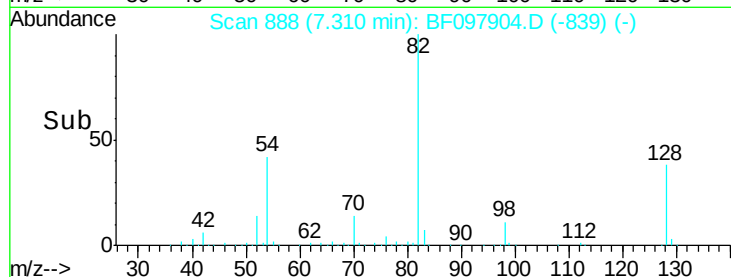
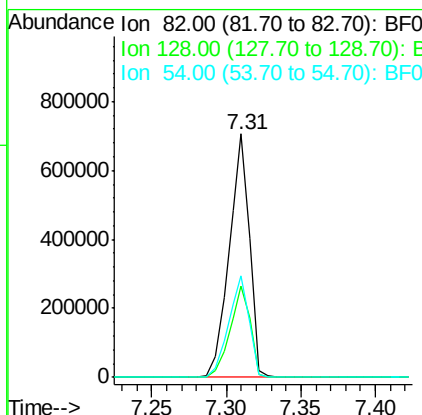
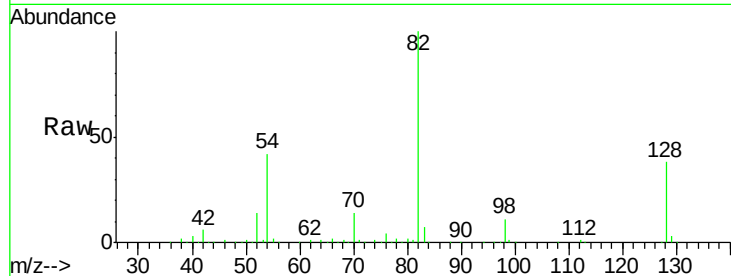




#23
 Nitrobenzene-d5
 Concen: 72.35 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF097904.D
 Acq: 21 Aug 2017 14:07

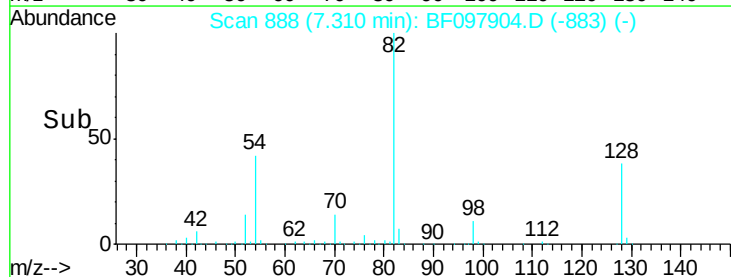
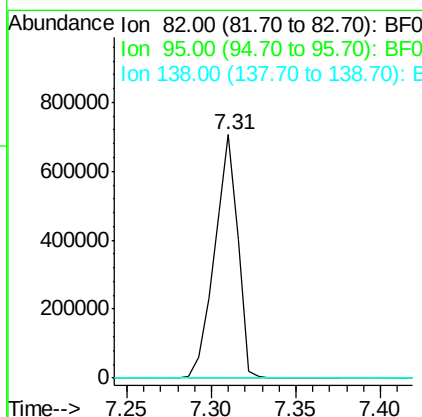
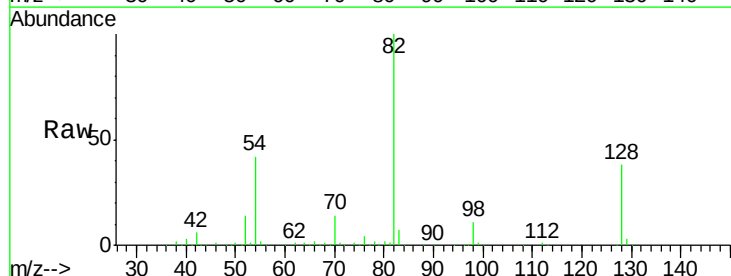
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 TEC-BE3-3-10-COMP

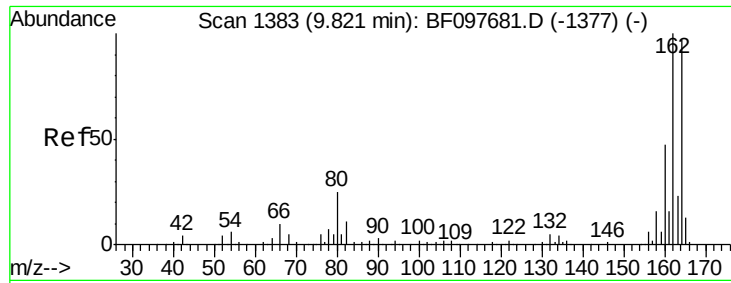
Tot Ion	82	Resp	678216
Ion Ratio	Lower	Upper	
82	100		
128	37.8	34.0	51.0
54	41.7	42.2	63.2#



#25
 Isophorone
 Concen: 34.54 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.27 min
 Lab File: BF097904.D
 Acq: 21 Aug 2017 14:07

Tgt Ion	82	Resp	673347
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

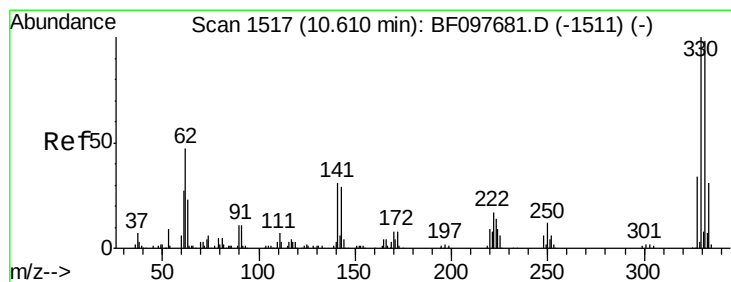
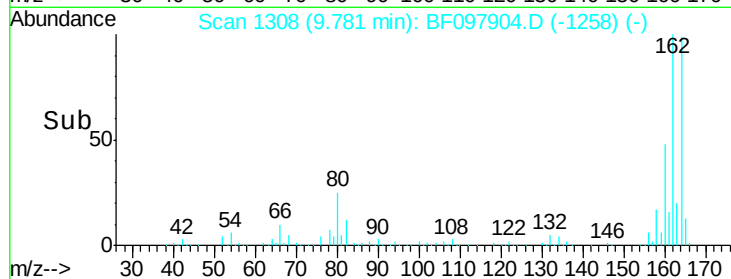
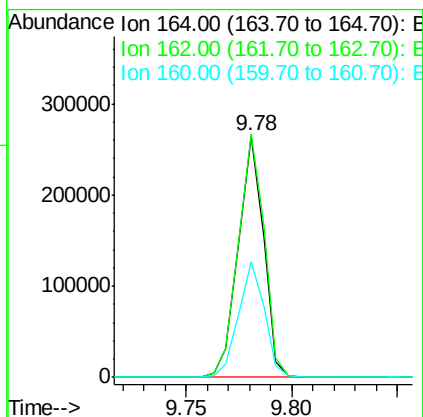
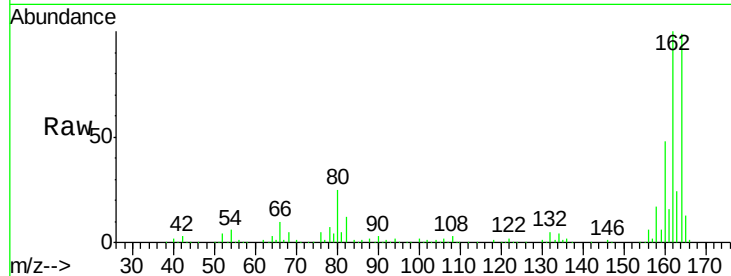




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF097904.D
Acq: 21 Aug 2017 14:07

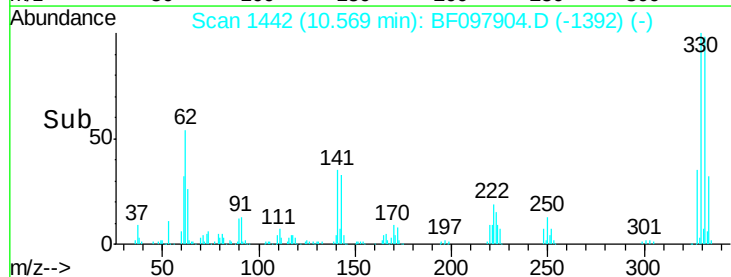
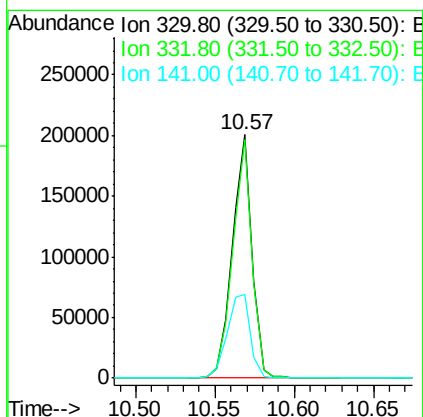
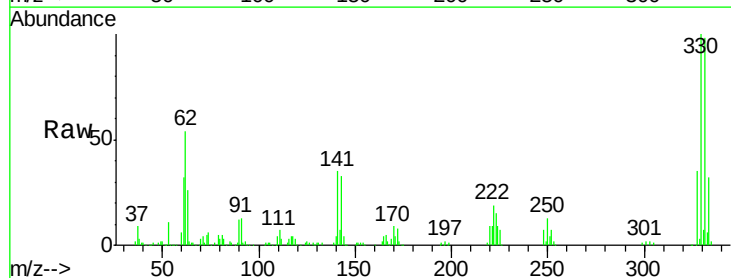
Instrument :
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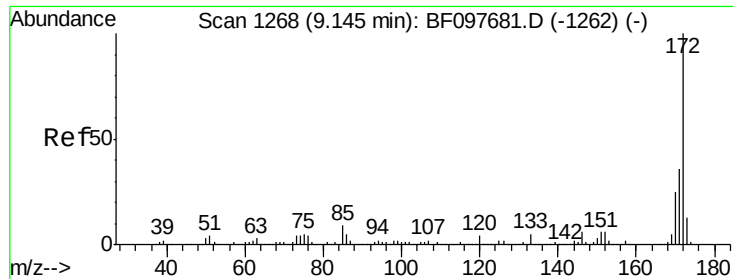
Tot Ion:164 Resp: 218142
Ion Ratio Lower Upper
164 100
162 101.0 82.6 123.8
160 48.2 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 91.18 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF097904.D
Acq: 21 Aug 2017 14:07

Tgt Ion:330 Resp: 172576
Ion Ratio Lower Upper
330 100
332 96.8 76.6 115.0
141 40.2 31.4 47.2

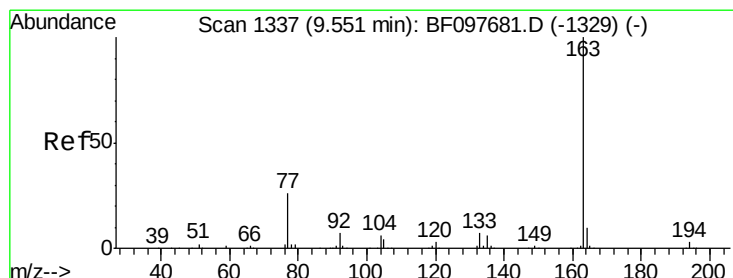
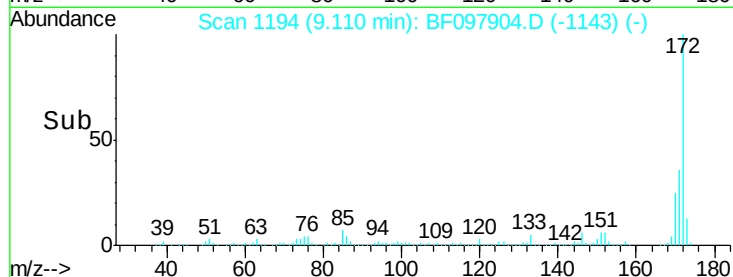
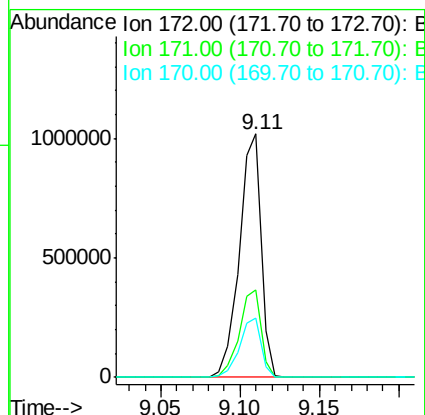
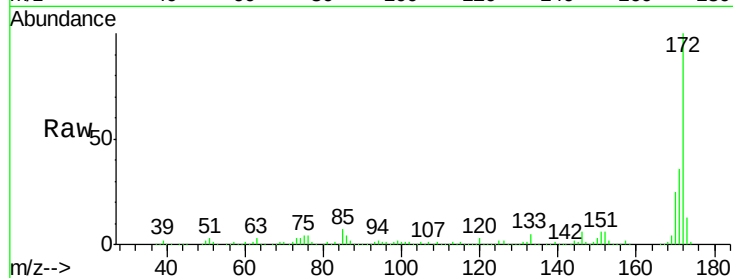




#44
2-Fluorobiphenyl
Concen: 65.67 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF097904.D
Acq: 21 Aug 2017 14:07

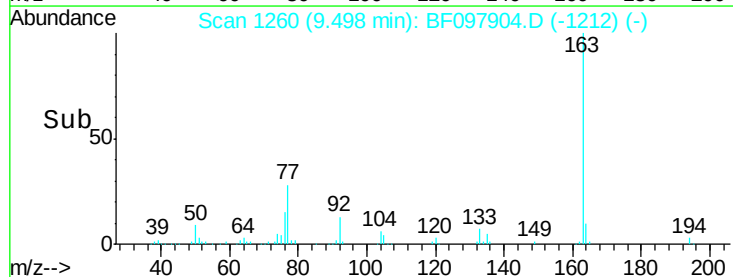
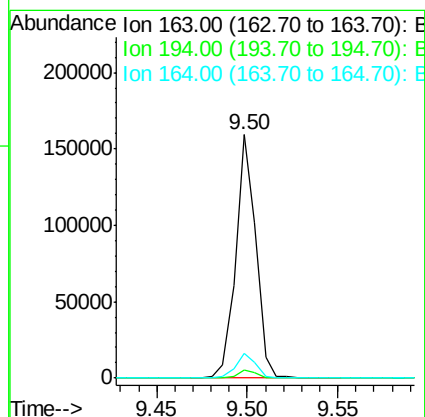
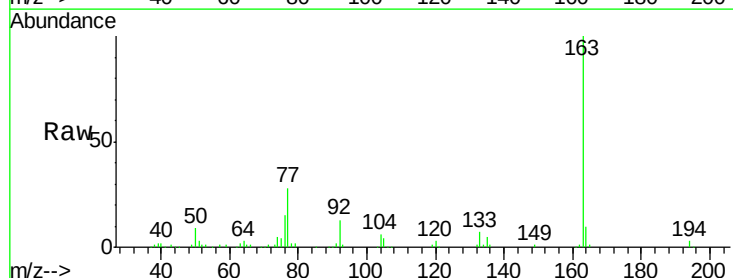
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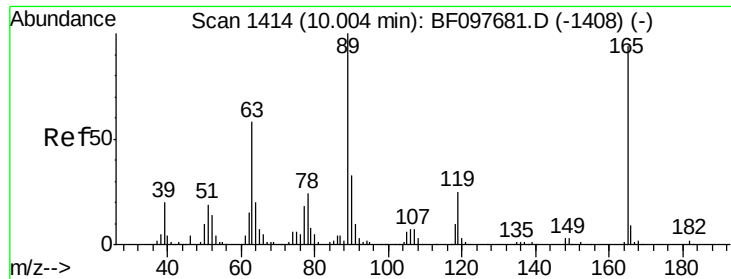
Tot Ion:172 Resp: 975078
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.6 19.8 29.8



#49
Dimethylphthalate
Concen: 7.71 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF097904.D
Acq: 21 Aug 2017 14:07

Tgt Ion:163 Resp: 122946
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.3 8.4 12.6

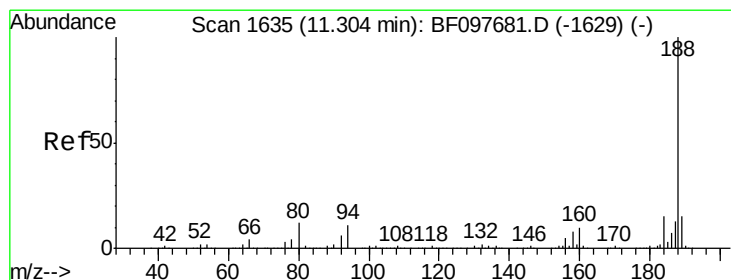
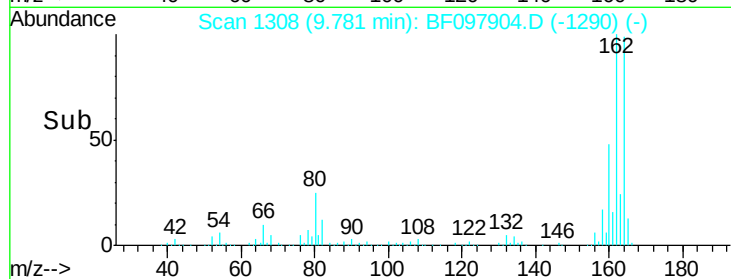
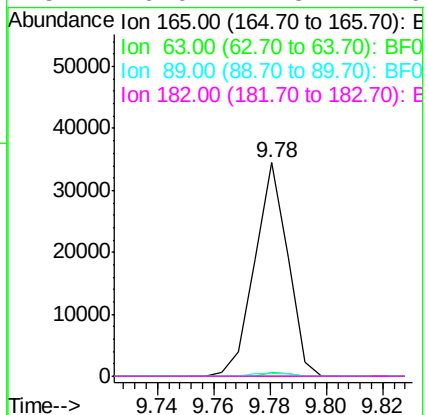
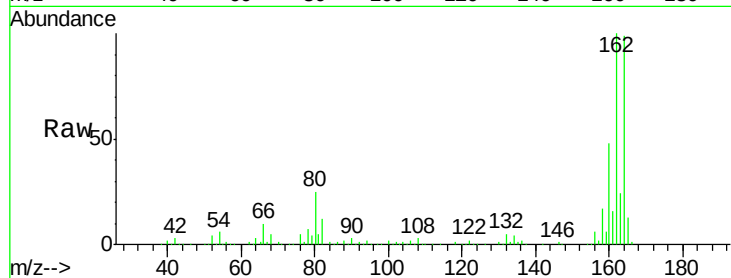




#56
 2,4-Dinitrotoluene
 Concen: 7.02 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.19 min
 Lab File: BF097904.D
 Acq: 21 Aug 2017 14:07

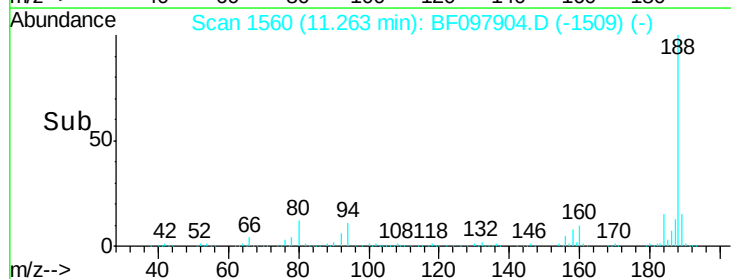
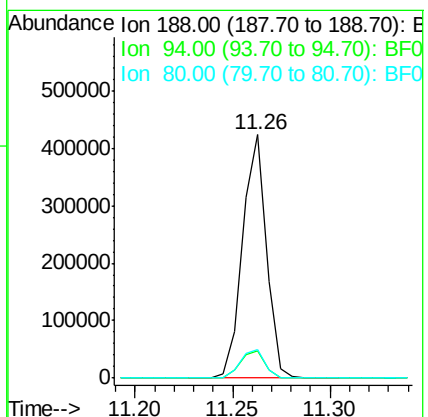
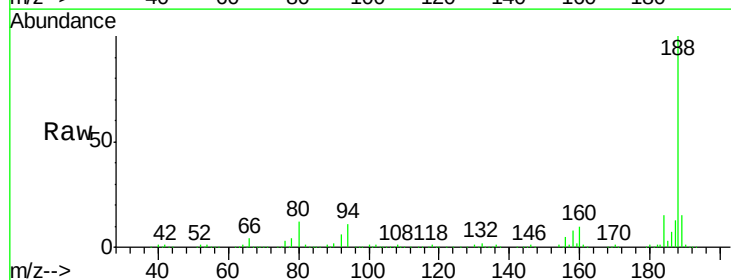
Instrument :
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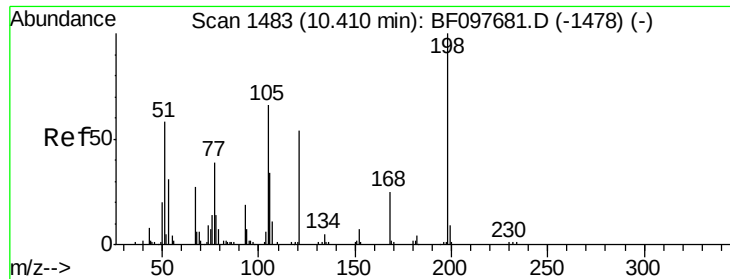
Tot Ion:165	Resp:	28025
Ion Ratio	Lower	Upper
165	100	
63	1.6	25.4 38.0#
89	1.4	46.4 69.6#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF097904.D
 Acq: 21 Aug 2017 14:07

Tgt Ion:188	Resp:	359148
Ion Ratio	Lower	Upper
188	100	
94	11.0	9.4 14.2
80	11.7	10.2 15.2

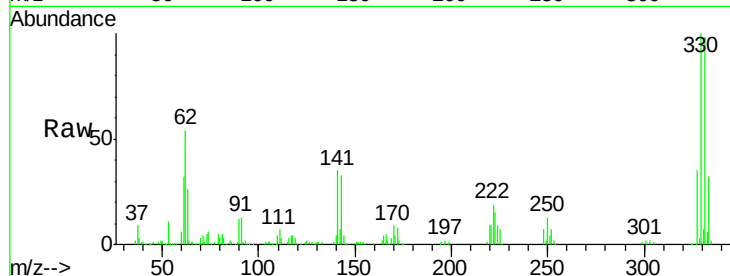




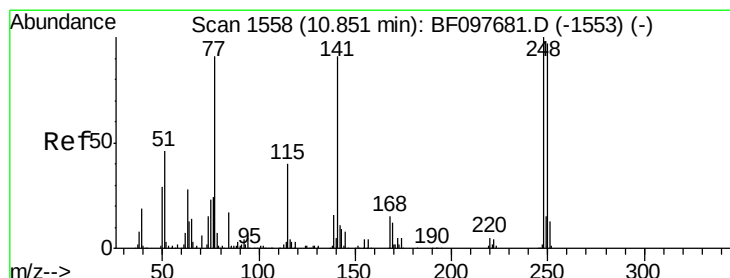
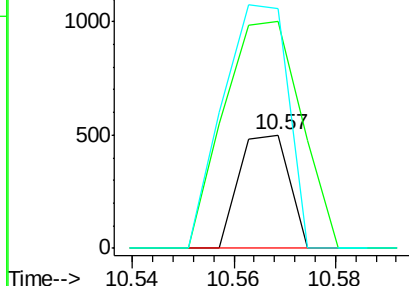
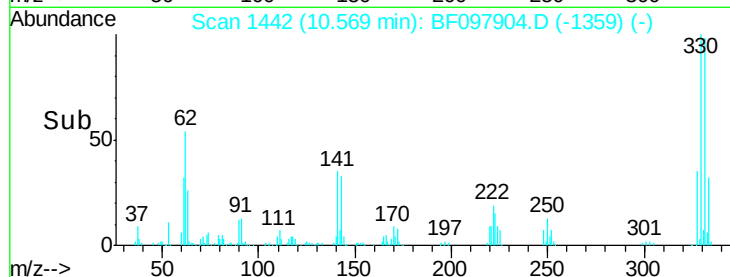
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.49 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.19 min
 Lab File: BF097904.D
 Acq: 21 Aug 2017 14:07

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE3-3-10-COMP

Tot Ion:198 Resp: 346
 Ion Ratio Lower Upper
 198 100
 51 199.8 53.2 93.2#
 105 210.8 45.8 85.8#

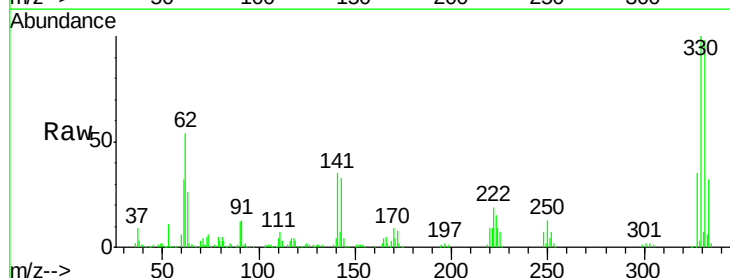


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

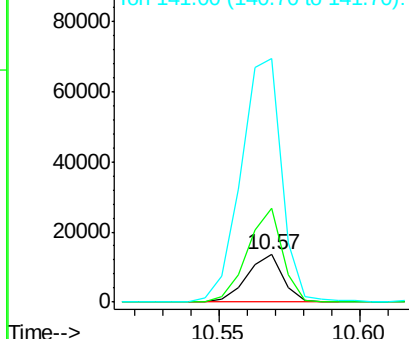
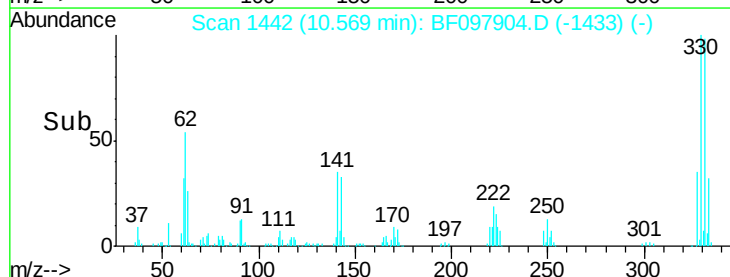


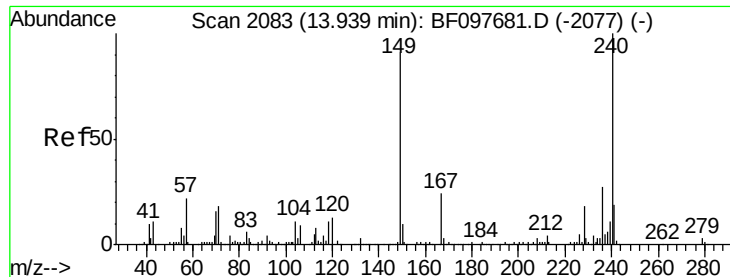
#66
 4-Bromophenyl-phenylether
 Concen: 3.19 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF097904.D
 Acq: 21 Aug 2017 14:07

Tgt Ion:248 Resp: 11897
 Ion Ratio Lower Upper
 248 100
 250 199.3 76.8 115.2#
 141 514.7 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF097904.D

Acq: 21 Aug 2017 14:07

Instrument :

BNA_F

ClientSampleId :

TEC-BE3-3-10-COMP

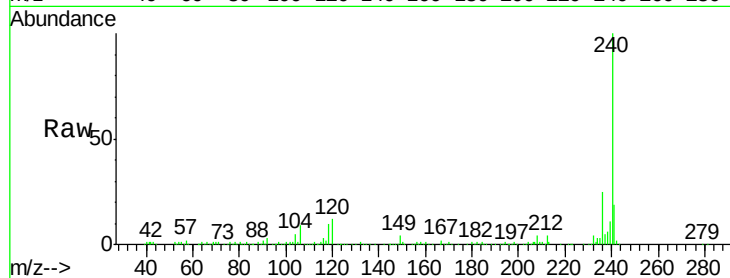
Tot Ion:240 Resp: 262622

Ion Ratio Lower Upper

240 100

120 12.1 5.8 8.8#

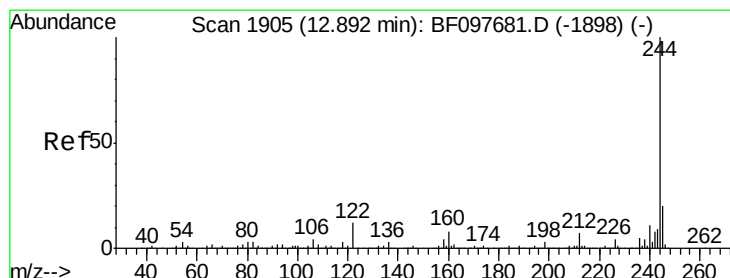
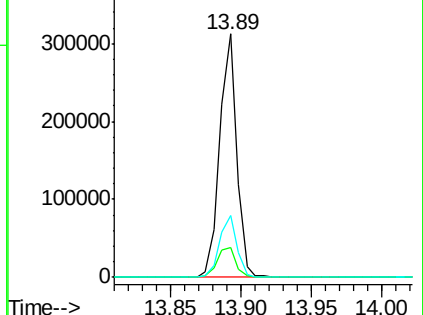
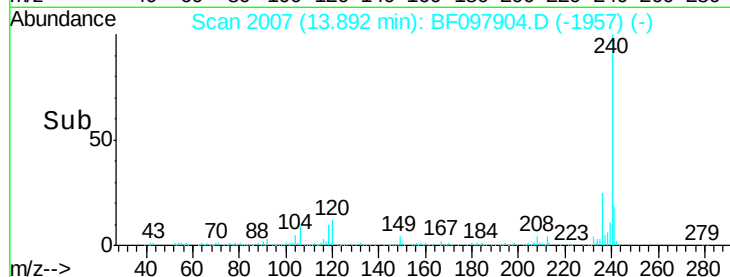
236 25.2 20.5 30.7



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: 49.43 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF097904.D

Acq: 21 Aug 2017 14:07

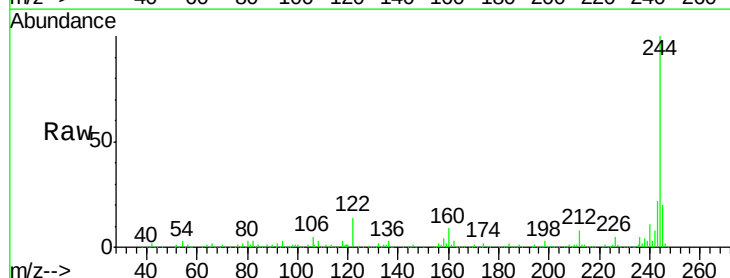
Tgt Ion:244 Resp: 622478

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

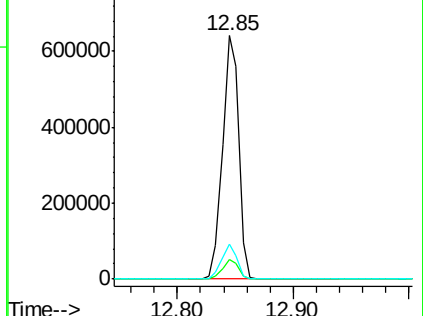
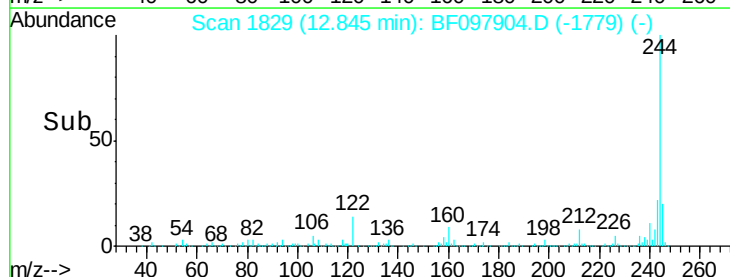
122 14.2 10.3 15.5

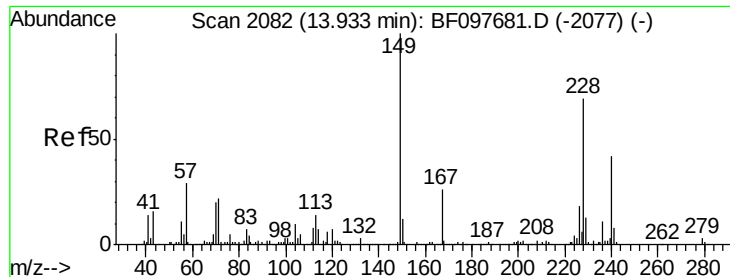


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

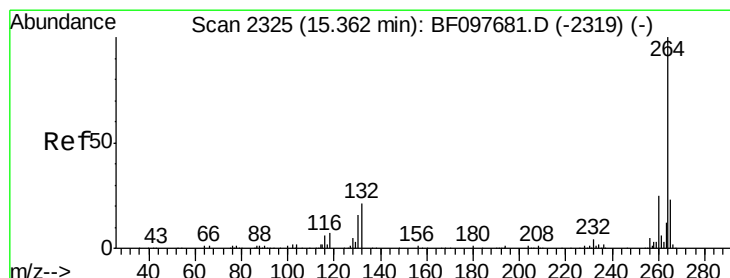
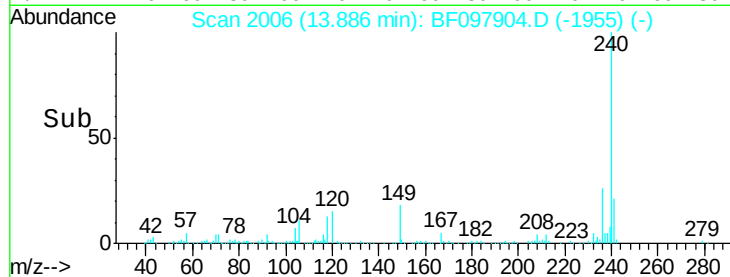
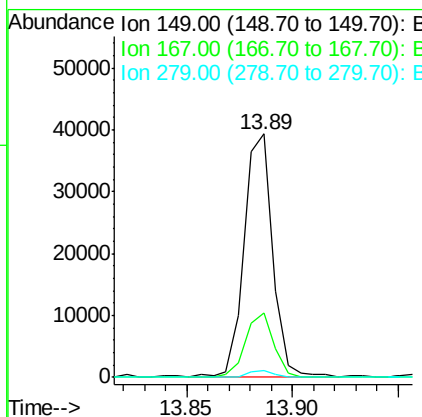
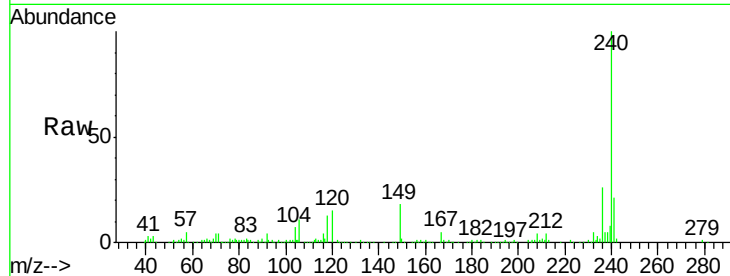




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.06 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF097904.D
 Acq: 21 Aug 2017 14:07

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE3-3-10-COMP

Tot Ion:149 Resp: 37037
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.0 31.4
 279 3.0 1.9 2.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.00 min
 Lab File: BF097904.D
 Acq: 21 Aug 2017 14:07

Tgt Ion:264 Resp: 253554
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.0 17.2 25.8

