

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097903.D
 Acq On : 21 Aug 2017 13:40
 Operator : SJ/JU
 Sample : I4873-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Aug 22 01:08:31 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	133781	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	524937	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	223772	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	358431	20.00	ng	0.00
75) Chrysene-d12	13.89	240	190624	20.00	ng	0.00
86) Perylene-d12	15.31	264	258143	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	858687	97.63	ng	0.01
7) Phenol-d6	6.39	99	1154250	96.59	ng	0.00
23) Nitrobenzene-d5	7.31	82	723889	74.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	182842	94.17	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1052396	69.10	ng	0.00
78) Terphenyl-d14	12.85	244	646773	70.75	ng	0.00

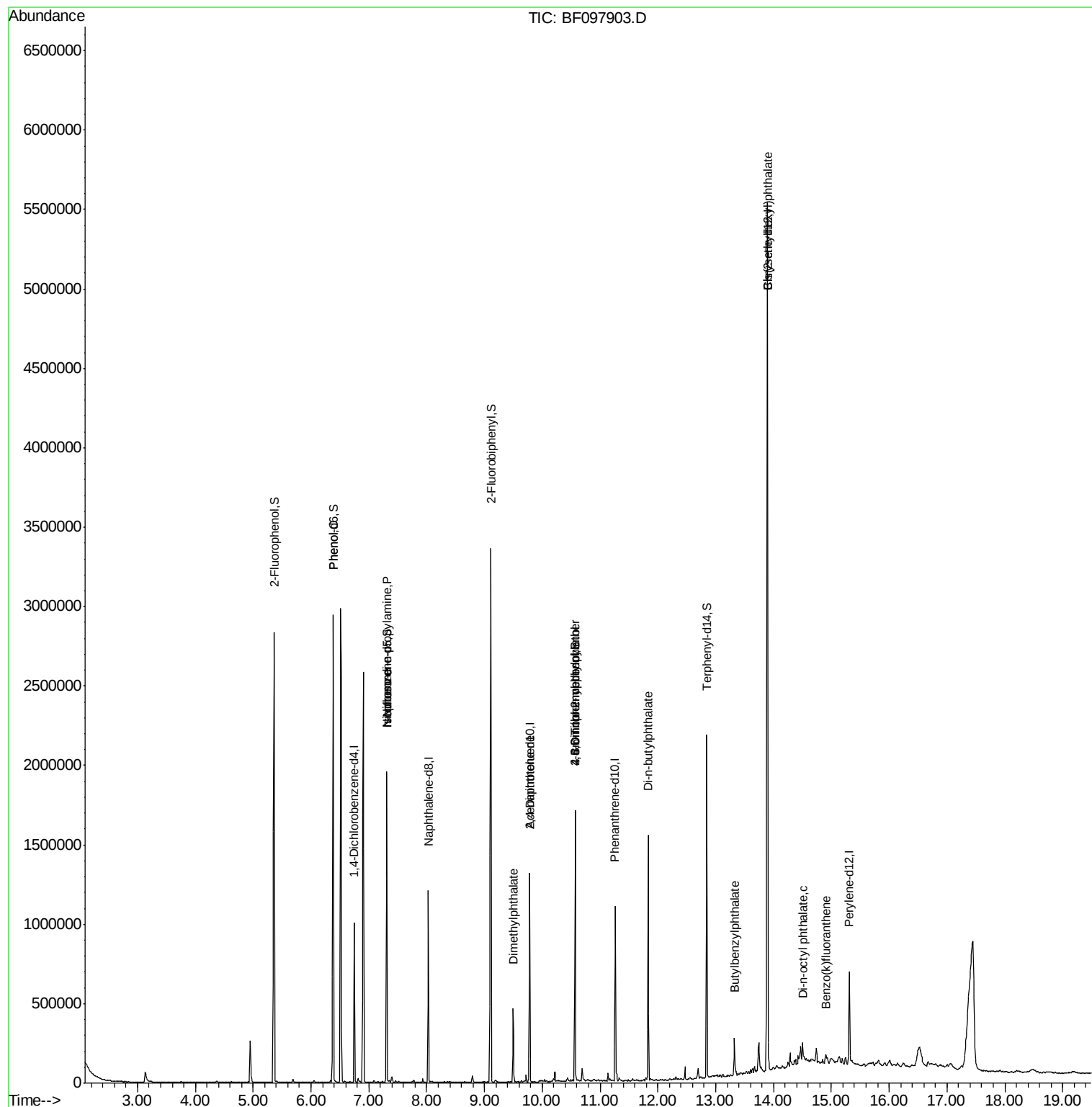
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.39	94	36545	2.61	ng	# 71
19) n-Nitroso-di-n-propylamine	7.31	70	98980	12.10	ng	# 72
25) Isophorone	7.31	82	719289	35.80	ng	# 67
49) Dimethylphthalate	9.50	163	145593	8.90	ng	100
56) 2,4-Dinitrotoluene	9.78	165	28861	7.04	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.56	198	367	8.50	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	12126	3.26	ng	# 1
73) Di-n-butylphthalate	11.83	149	715537	33.78	ng	99
79) Butylbenzylphthalate	13.32	149	42660	7.14	ng	# 68
83) Bis(2-ethylhexyl)phthalate	13.90	149	1985841	299.80	ng	# 98
84) Di-n-octyl phthalate	14.50	149	34215	2.97	ng	# 76
88) Benzo(k)fluoranthene	14.90	252	31239	2.04	ng	97

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

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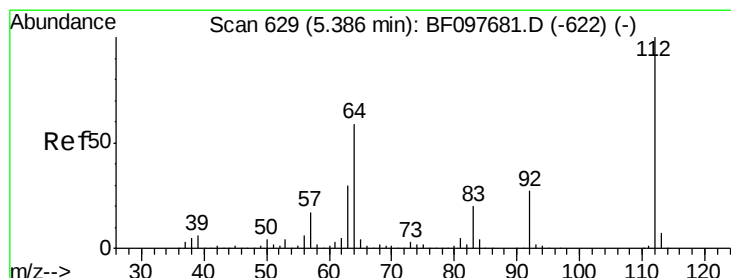
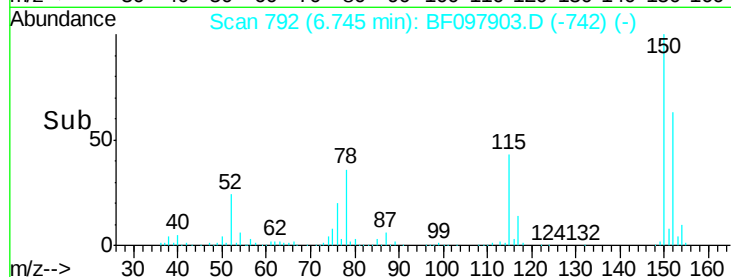
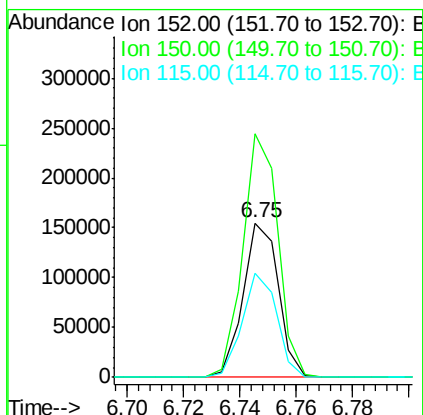
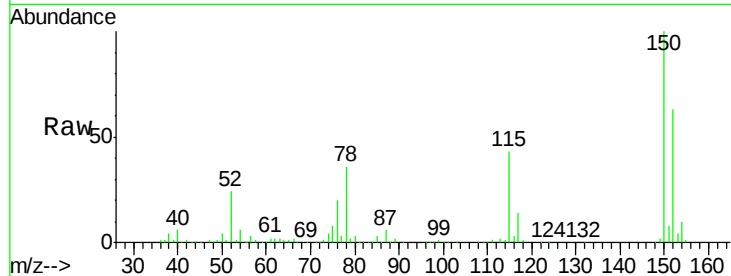


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF097903.D
Acq: 21 Aug 2017 13:40

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

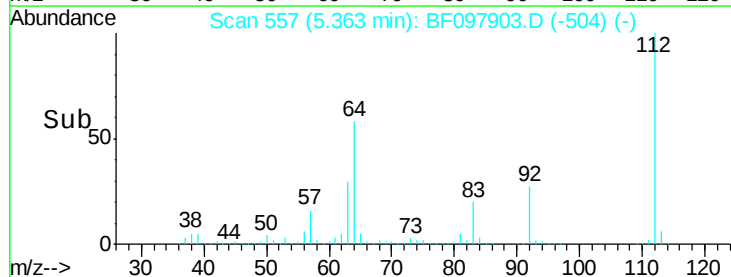
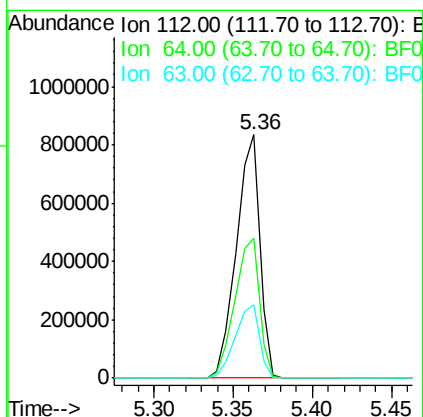
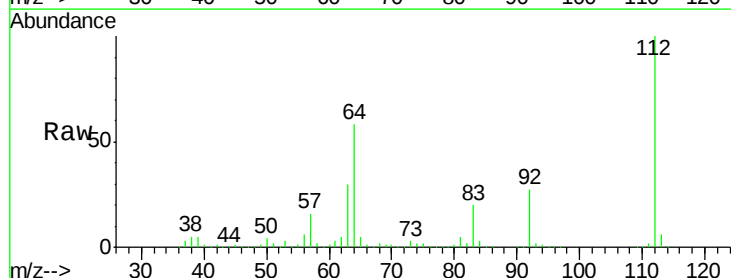
Tot Ion:152 Resp: 133781
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.2
115 67.4 52.2 78.2

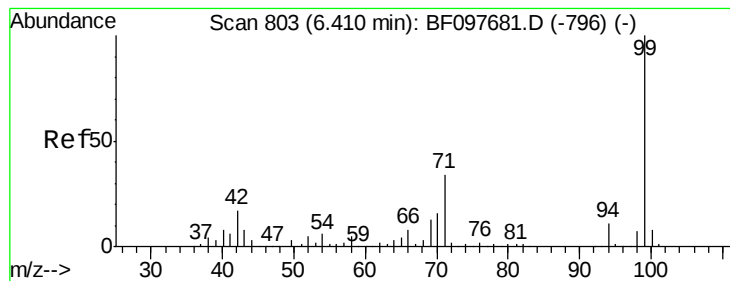


#5

2-Fluorophenol
Concen: 97.63 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF097903.D
Acq: 21 Aug 2017 13:40

Tgt Ion:112 Resp: 858687
Ion Ratio Lower Upper
112 100
64 57.5 46.0 69.0
63 30.0 23.4 35.0





#7

Phenol-d6

Concen: 96.59 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097903.D

Acq: 21 Aug 2017 13:40

Instrument :

BNA_F

ClientSampleId :

TEC-BE3-1-3-COMP

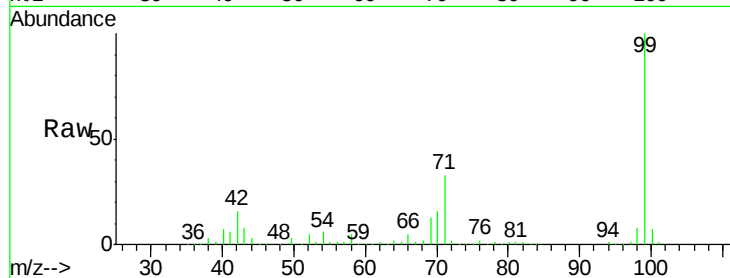
Tot Ion: 99 Resp: 1154250

Ion Ratio Lower Upper

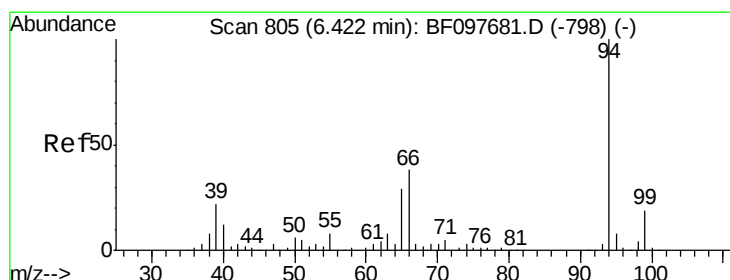
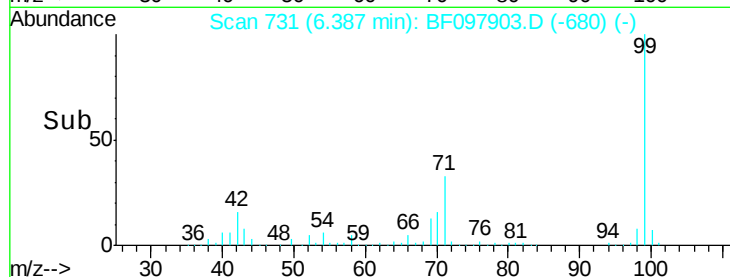
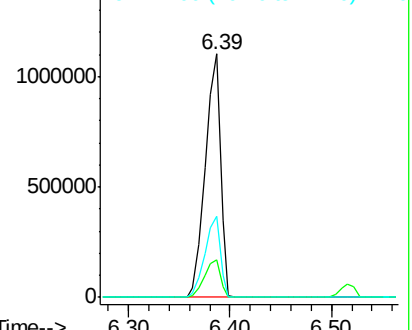
99 100

42 15.5 13.5 20.3

71 33.2 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: 2.61 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF097903.D

Acq: 21 Aug 2017 13:40

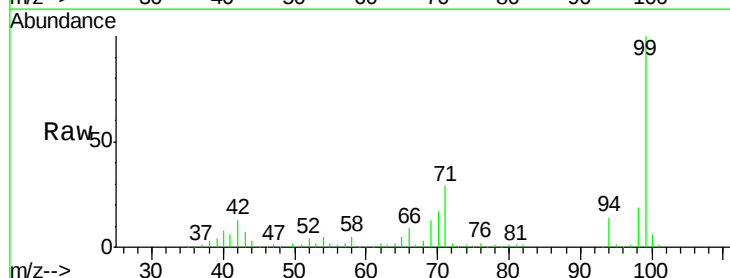
Tgt Ion: 94 Resp: 36545

Ion Ratio Lower Upper

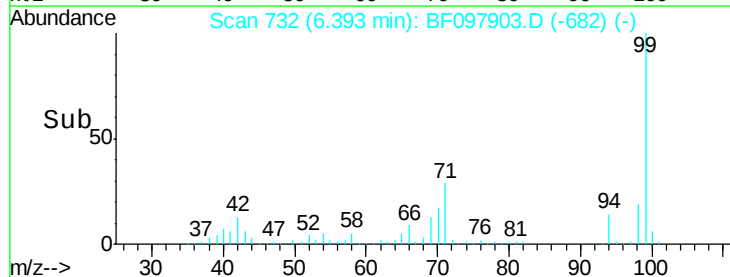
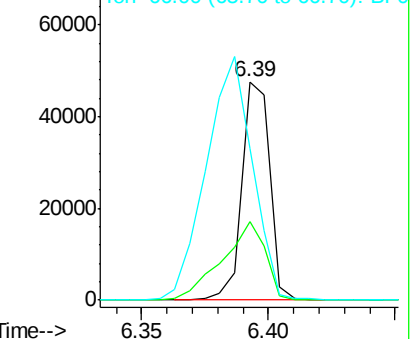
94 100

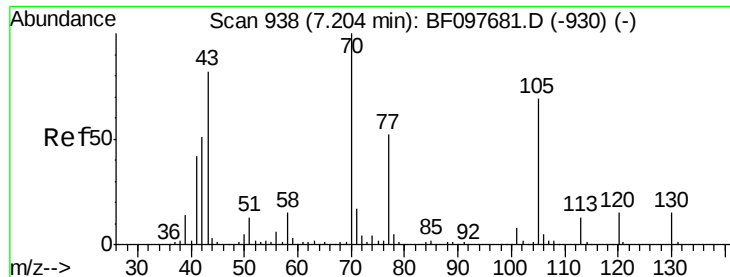
65 36.1 9.9 49.9

66 69.2 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

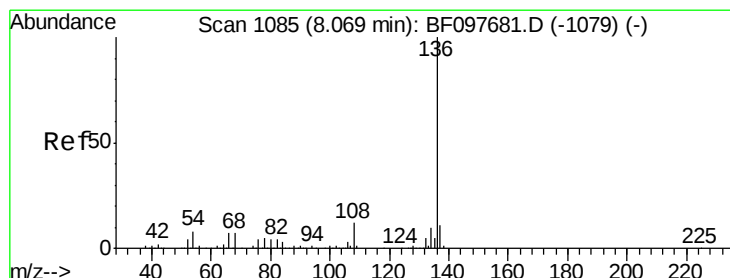
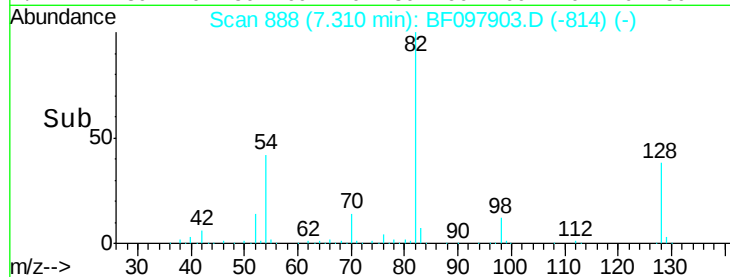
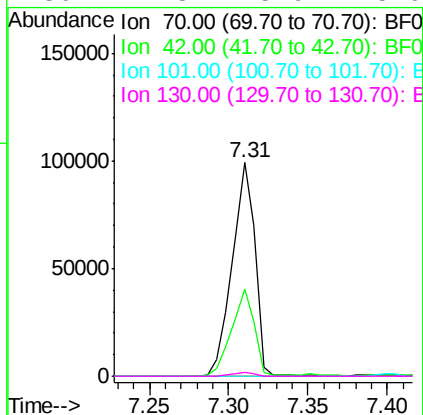
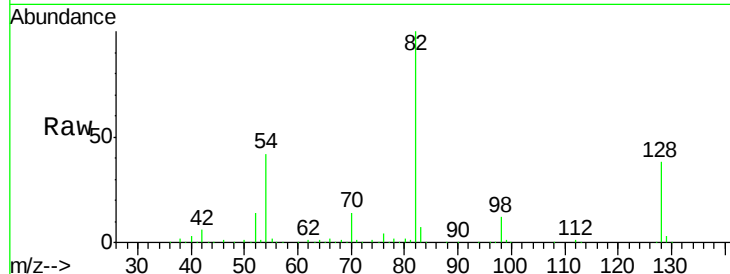




#19
n-Nitroso-di-n-propylamine
Concen: 12.10 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.14 min
Lab File: BF097903.D
Acq: 21 Aug 2017 13:40

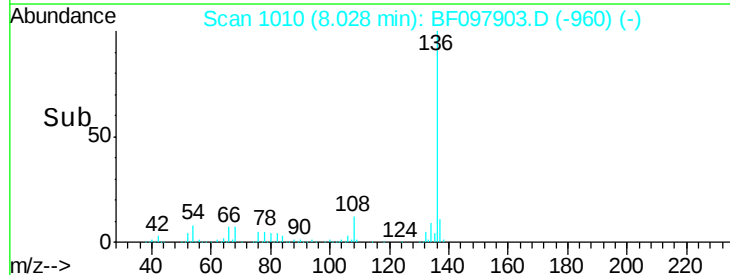
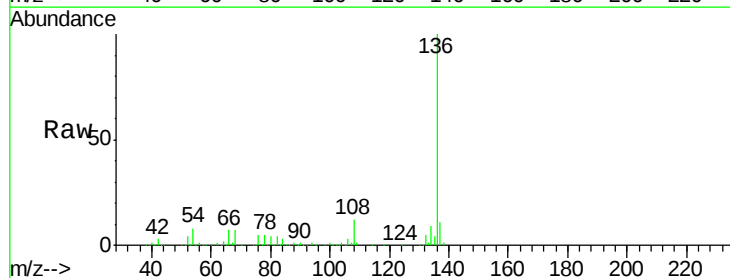
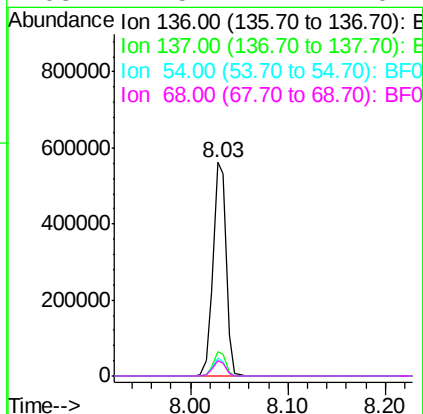
Instrument :
BNA_F
ClientSampleId :
TEC-BE3-1-3-COMP

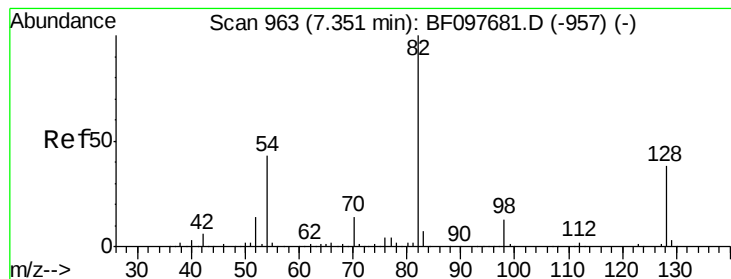
Tot Ion: 70 Resp: 98980
Ion Ratio Lower Upper
70 100
42 40.9 47.2 70.8#
101 0.0 7.2 10.8#
130 1.8 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF097903.D
Acq: 21 Aug 2017 13:40

Tgt Ion: 136 Resp: 524937
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 8.5 4.9 7.3#
68 7.5 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 74.91 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF097903.D

Acq: 21 Aug 2017 13:40

Instrument :

BNA_F

ClientSampleId :

TEC-BE3-1-3-COMP

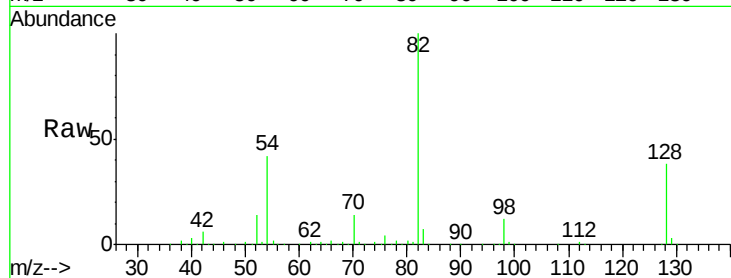
Tot Ion: 82 Resp: 723889

Ion Ratio Lower Upper

82 100

128 37.6 34.0 51.0

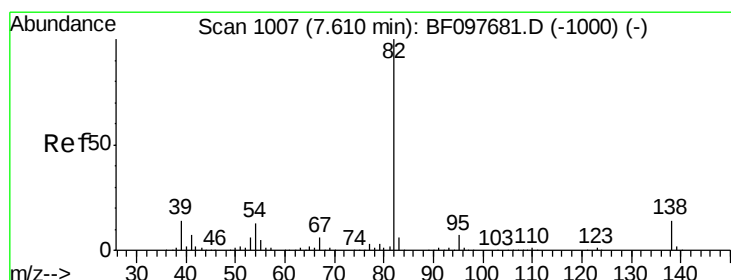
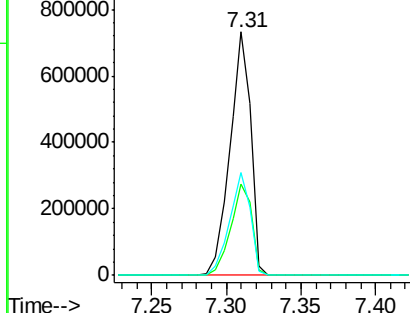
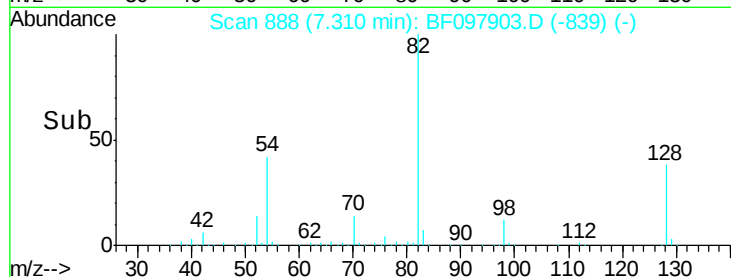
54 42.5 42.2 63.2



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: 35.80 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.27 min

Lab File: BF097903.D

Acq: 21 Aug 2017 13:40

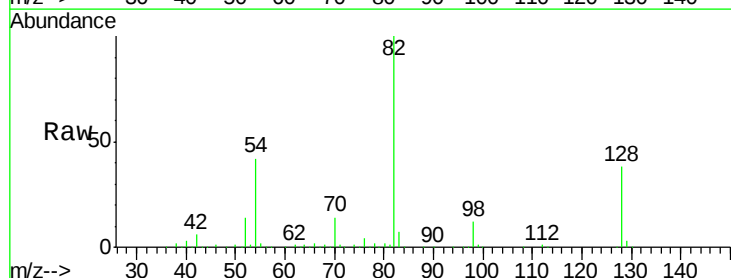
Tgt Ion: 82 Resp: 719289

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

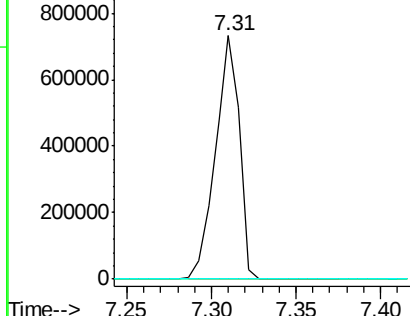
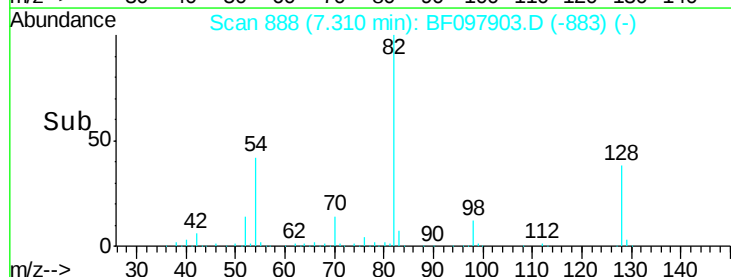
138 0.0 13.1 19.7#

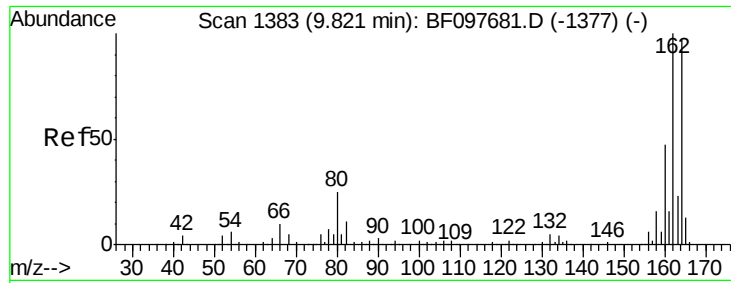


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

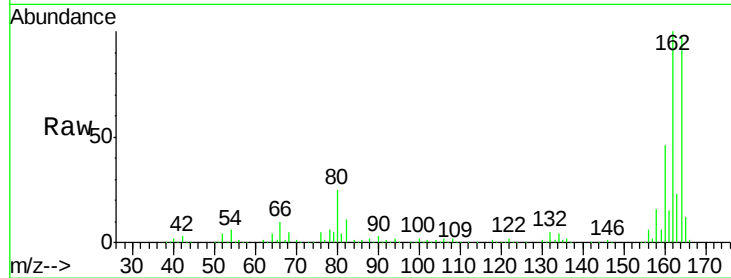




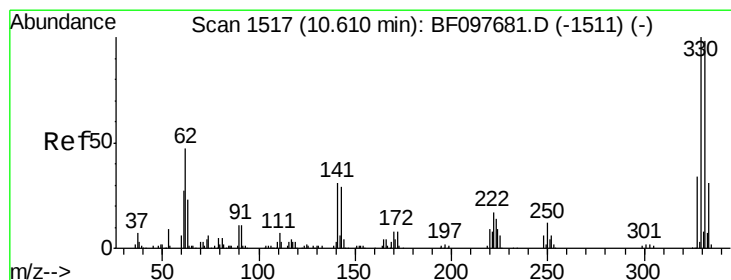
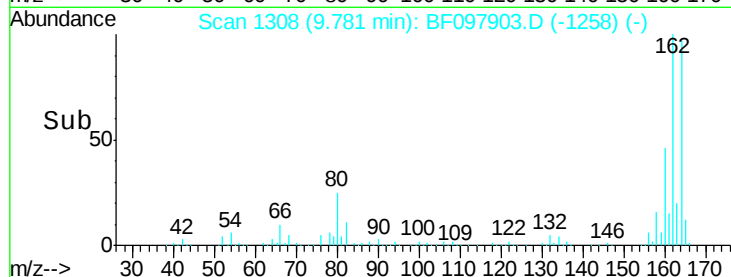
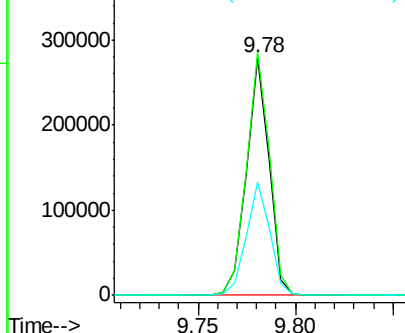
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097903.D
 Acq: 21 Aug 2017 13:40

Instrument :
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 TEC-BE3-1-3-COMP

Tot Ion:164 Resp: 223772
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.6 123.8
 160 47.7 36.2 54.2

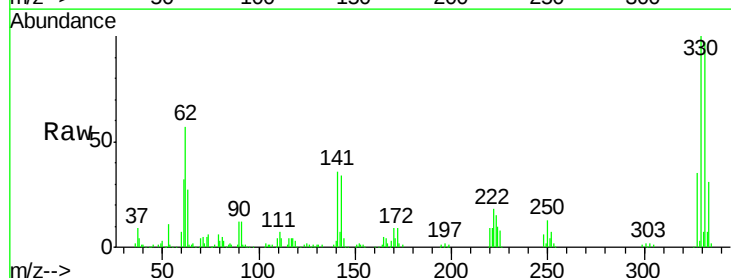


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

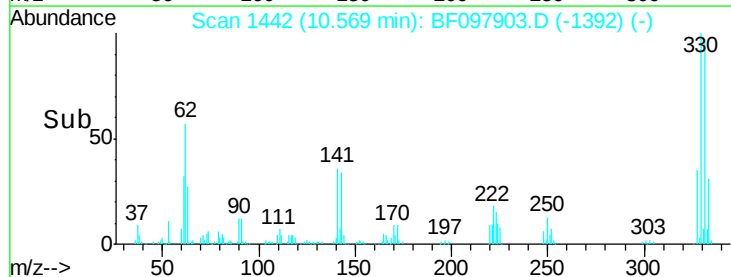
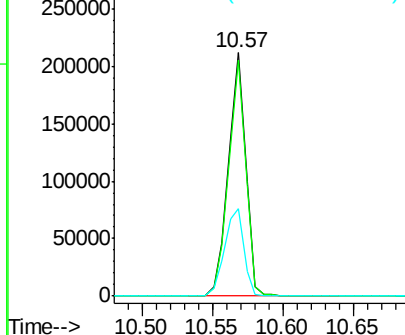


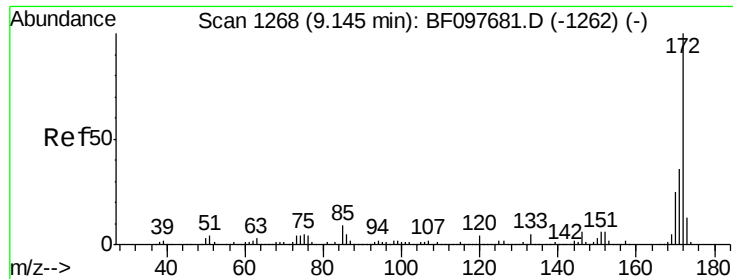
#41
 2,4,6-Tribromophenol
 Concen: 94.17 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097903.D
 Acq: 21 Aug 2017 13:40

Tgt Ion:330 Resp: 182842
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 39.9 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

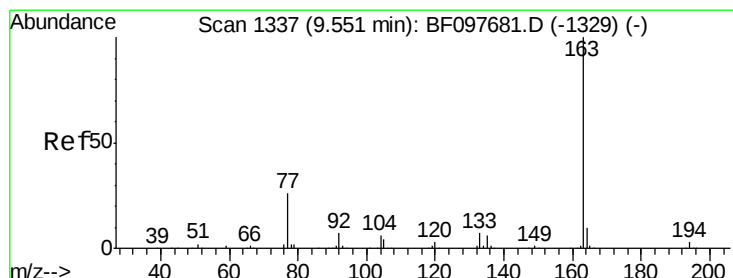
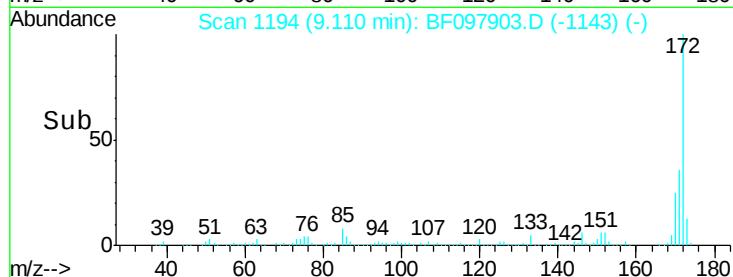
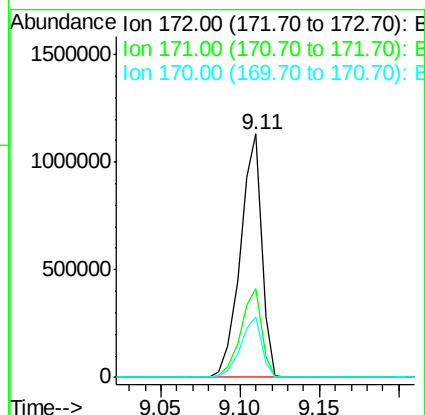
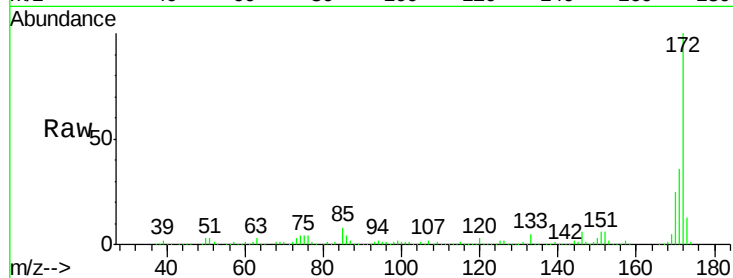




#44
2-Fluorobiphenyl
Concen: 69.10 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF097903.D
Acq: 21 Aug 2017 13:40

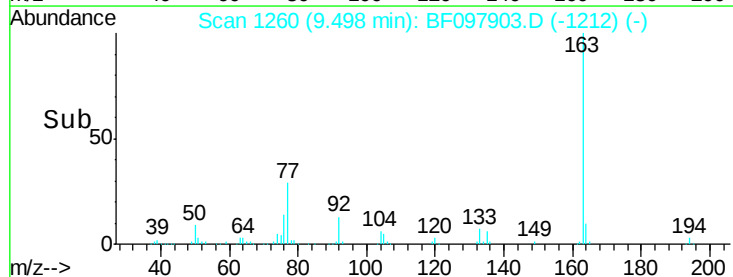
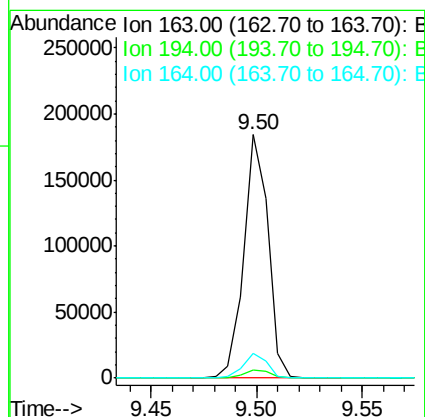
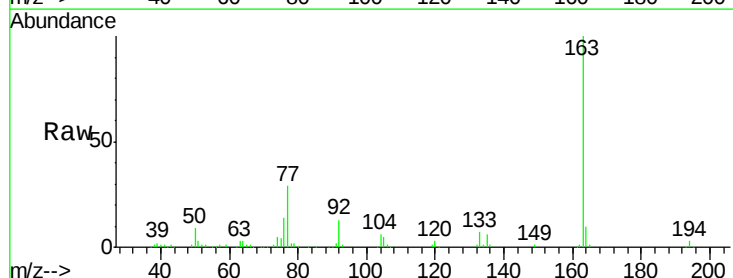
Instrument :
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TEC-BE3-1-3-COMP

Tot Ion:172 Resp: 1052396
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.8 19.8 29.8



#49
Dimethylphthalate
Concen: 8.90 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF097903.D
Acq: 21 Aug 2017 13:40

Tgt Ion:163 Resp: 145593
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 8.4 12.6

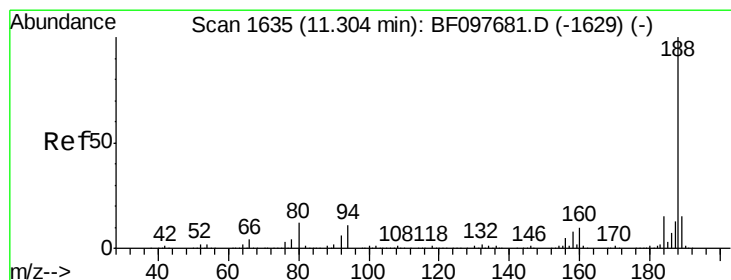
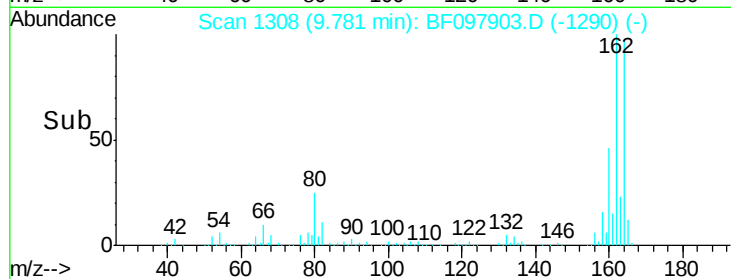
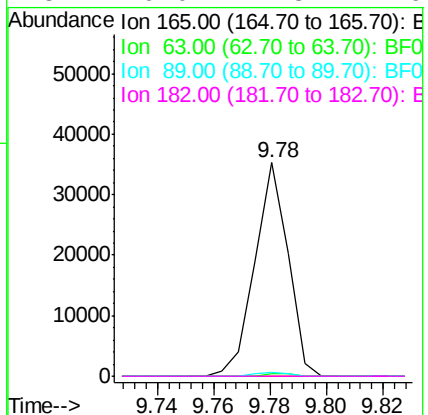
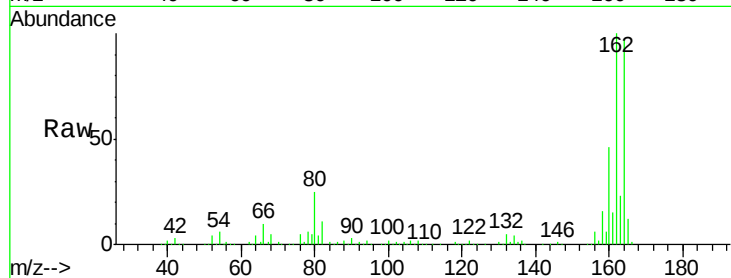




#56
 2,4-Dinitrotoluene
 Concen: 7.04 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.19 min
 Lab File: BF097903.D
 Acq: 21 Aug 2017 13:40

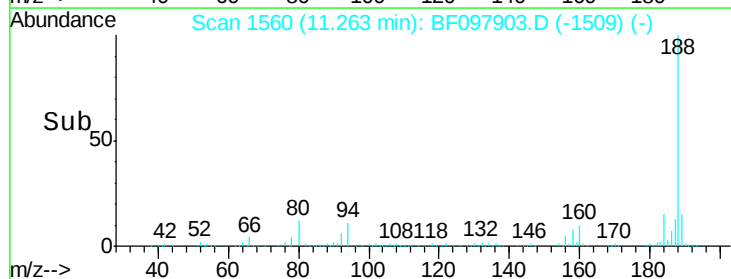
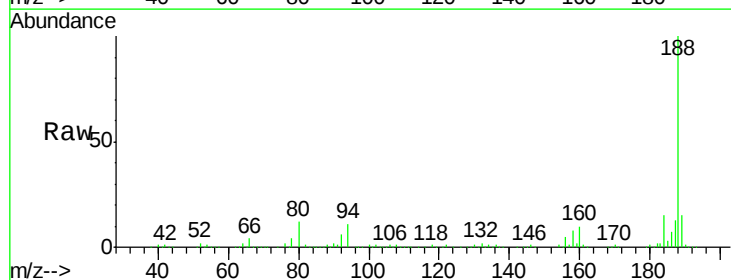
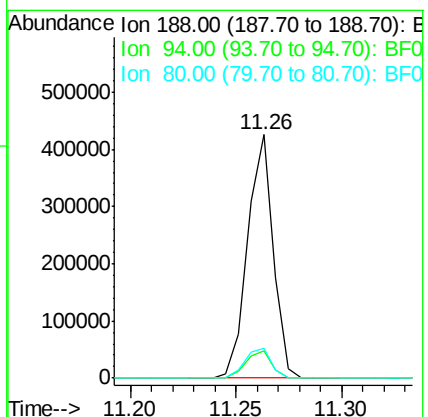
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE3-1-3-COMP

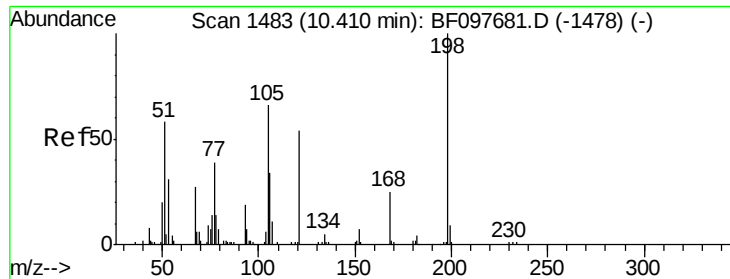
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF097903.D
 Acq: 21 Aug 2017 13:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	12.1	10.2	15.2

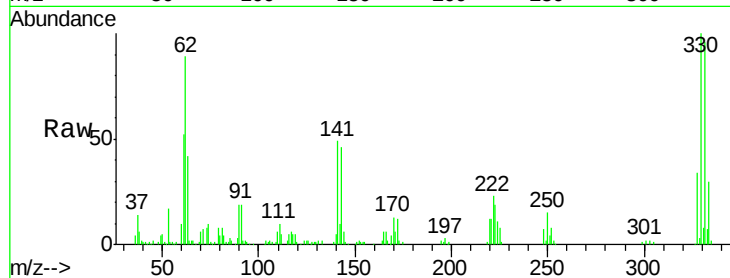




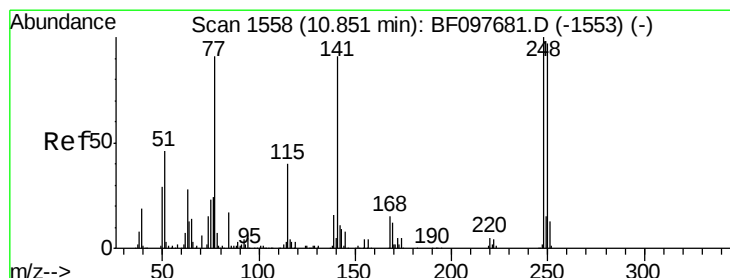
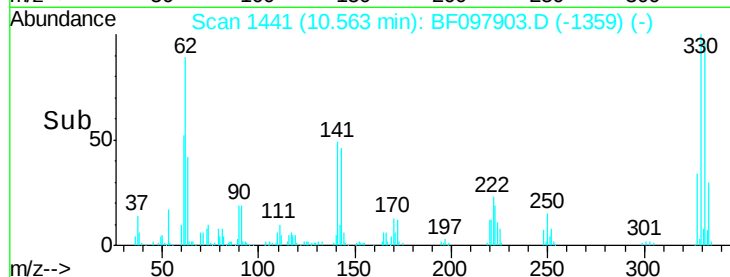
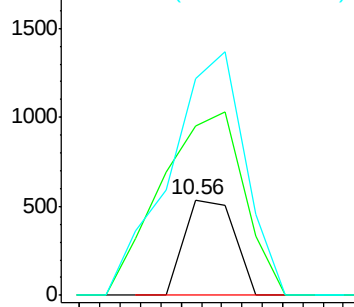
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.50 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.18 min
 Lab File: BF097903.D
 Acq: 21 Aug 2017 13:40

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

Tot Ion:198 Resp: 367
 Ion Ratio Lower Upper
 198 100
 51 177.8 53.2 93.2#
 105 227.1 45.8 85.8#

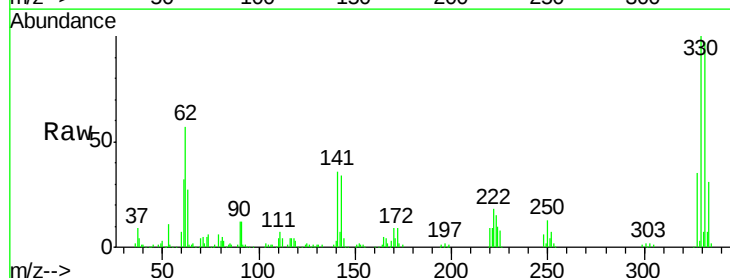


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

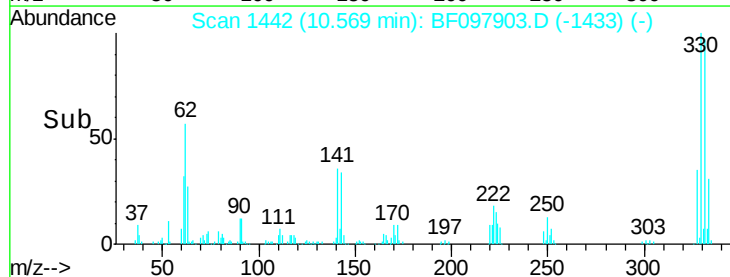
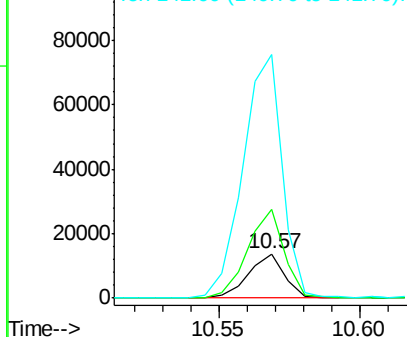


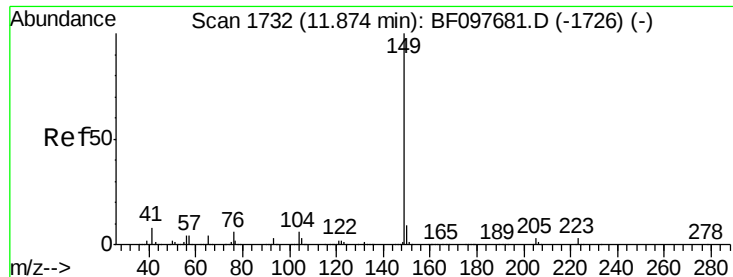
#66
 4-Bromophenyl-phenylether
 Concen: 3.26 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF097903.D
 Acq: 21 Aug 2017 13:40

Tgt Ion:248 Resp: 12126
 Ion Ratio Lower Upper
 248 100
 250 199.2 76.8 115.2#
 141 549.0 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: 33.78 ng

RT: 11.83 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BF097903.D

Acq: 21 Aug 2017 13:40

Instrument :

BNA_F

ClientSampleId :

TEC-BE3-1-3-COMP

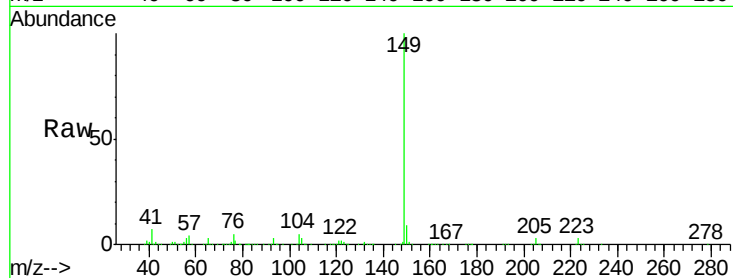
Tot Ion:149 Resp: 715537

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

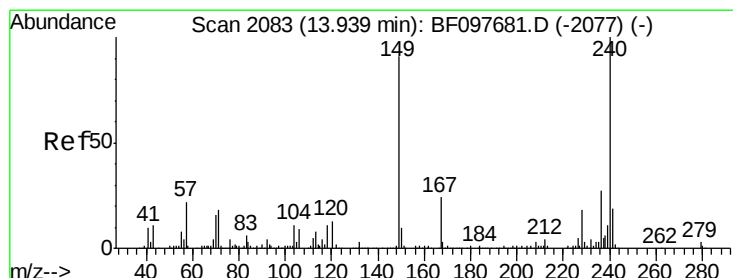
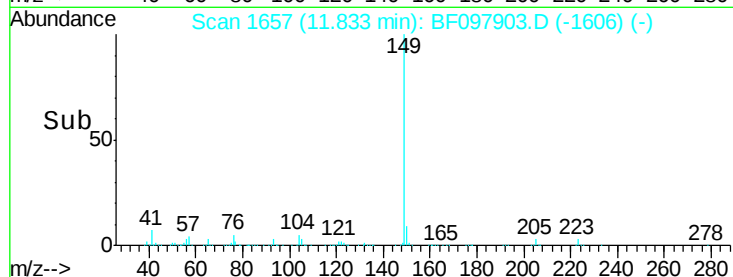
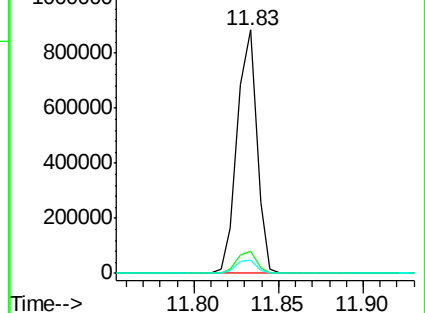
104 5.4 4.0 6.0



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: BF097903.D

Acq: 21 Aug 2017 13:40

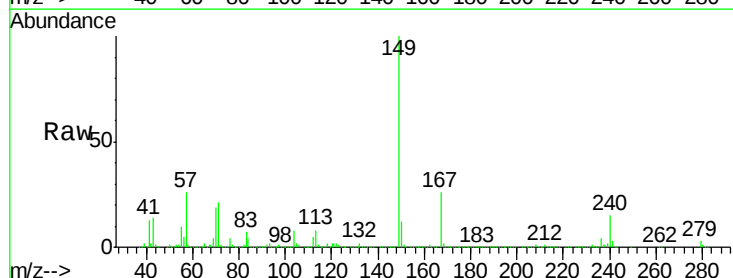
Tgt Ion:240 Resp: 190624

Ion Ratio Lower Upper

240 100

120 11.1 5.8 8.8#

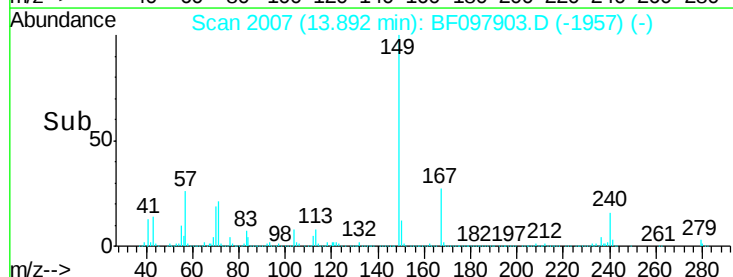
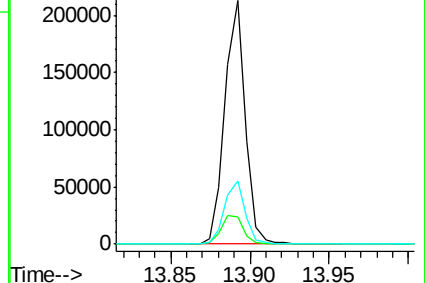
236 25.9 20.5 30.7

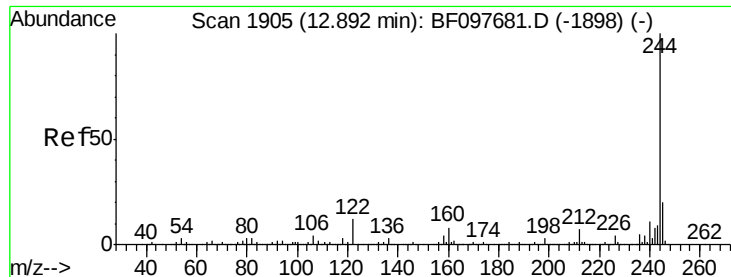


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.75 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF097903.D

Acq: 21 Aug 2017 13:40

Instrument :

BNA_F

ClientSampleId :

TEC-BE3-1-3-COMP

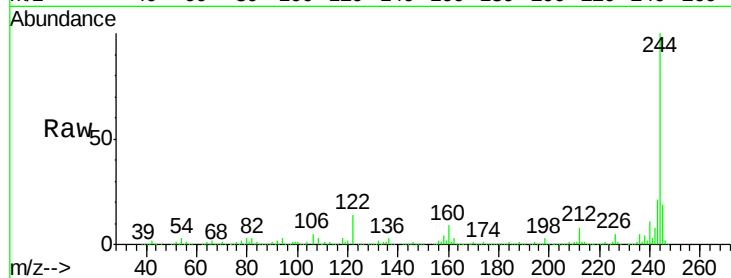
Tot Ion:244 Resp: 646773

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

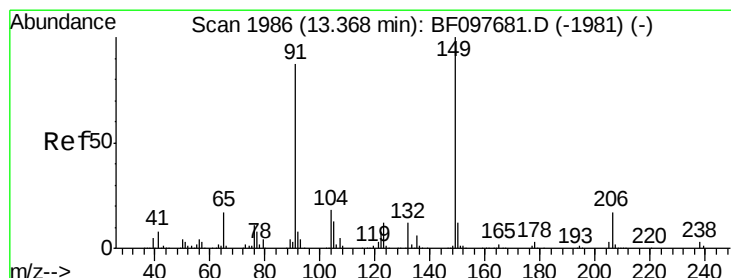
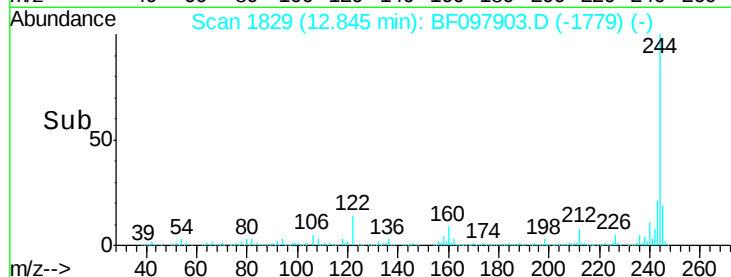
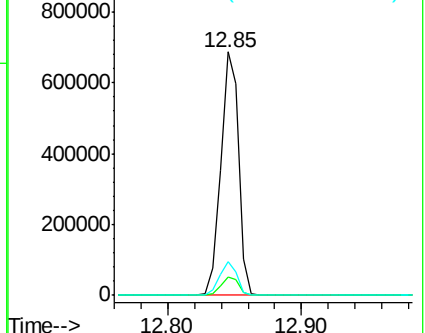
122 13.8 10.3 15.5



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: 7.14 ng

RT: 13.32 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BF097903.D

Acq: 21 Aug 2017 13:40

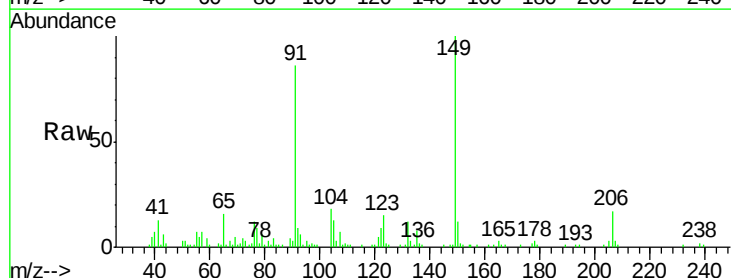
Tgt Ion:149 Resp: 42660

Ion Ratio Lower Upper

149 100

91 86.1 45.0 67.4#

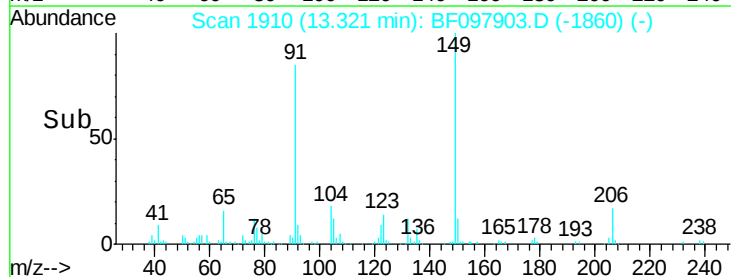
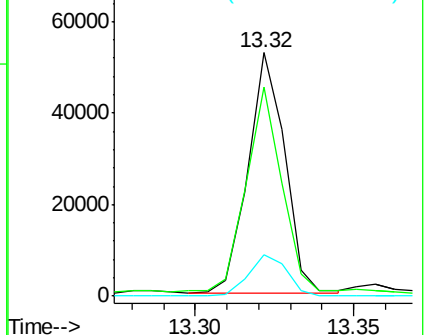
206 17.1 17.0 25.6

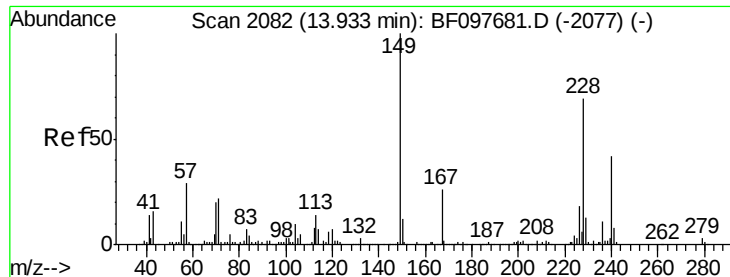


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

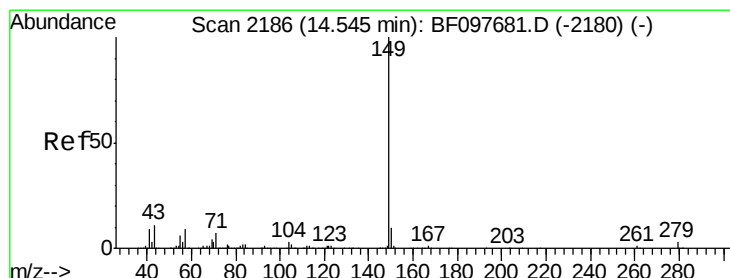
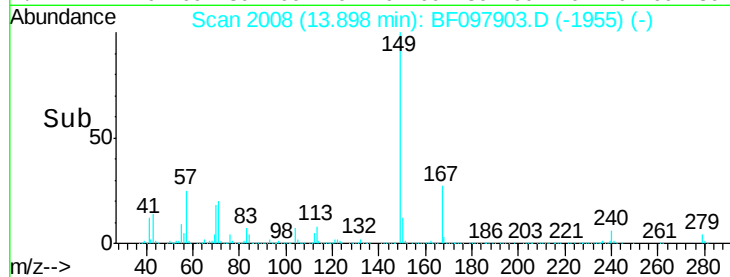
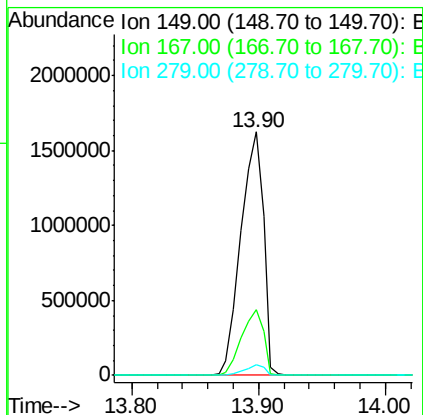
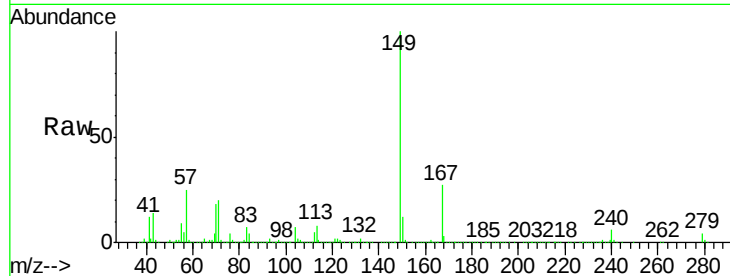




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 299.80 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BF097903.D
 Acq: 21 Aug 2017 13:40

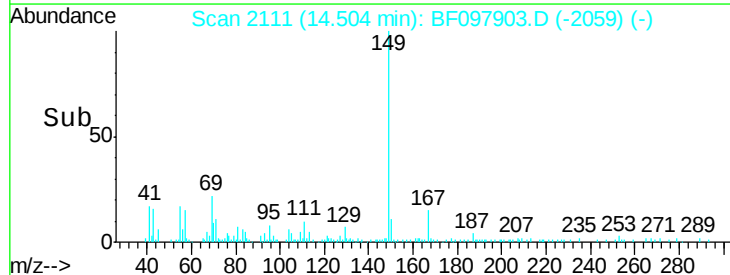
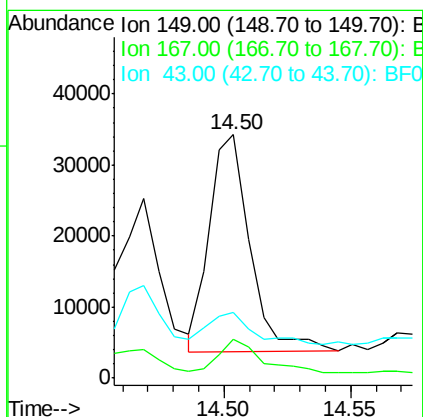
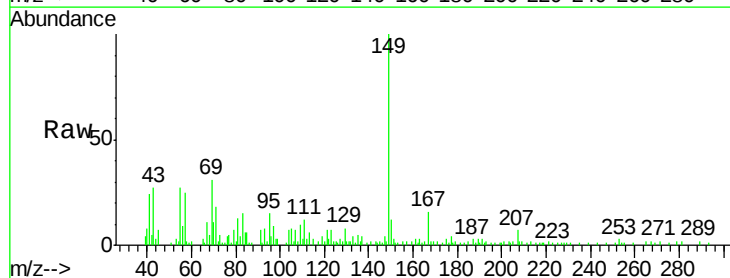
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE3-1-3-COMP

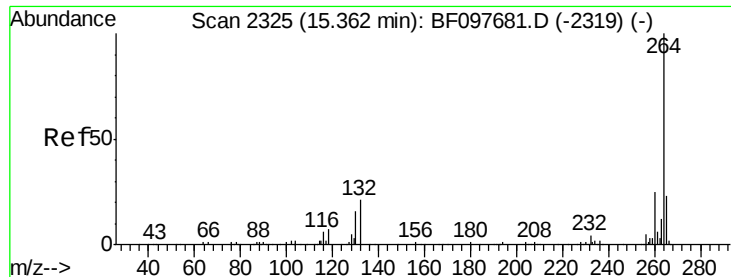
Tot Ion:149 Resp: 1985841
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.0 31.4
 279 4.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 2.97 ng
 RT: 14.50 min Scan# 2111
 Delta R.T. 0.01 min
 Lab File: BF097903.D
 Acq: 21 Aug 2017 13:40

Tgt Ion:149 Resp: 34215
 Ion Ratio Lower Upper
 149 100
 167 15.5 1.2 1.8#
 43 19.0 8.5 12.7#

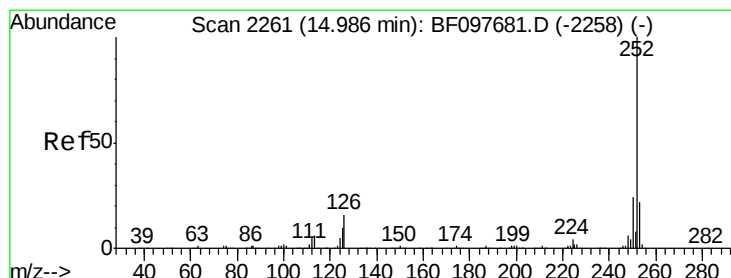
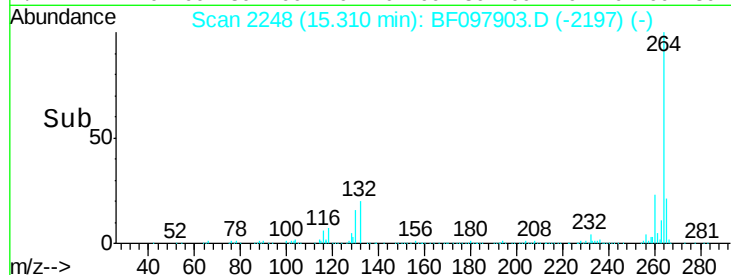
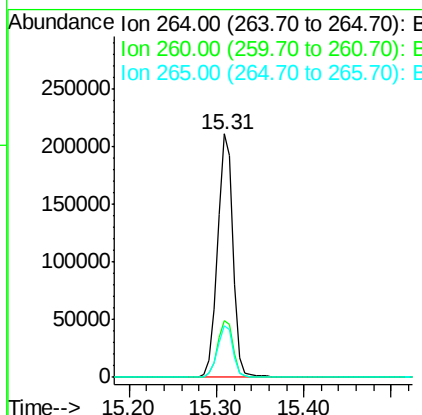
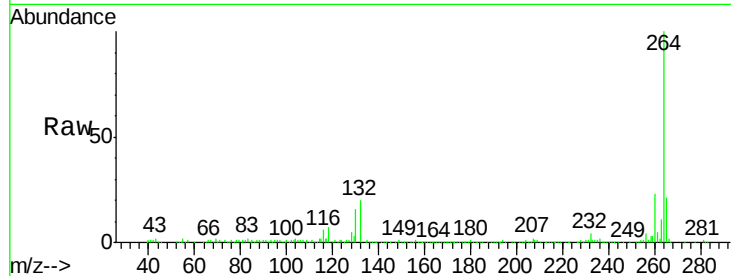




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF097903.D
Acq: 21 Aug 2017 13:40

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

Tot Ion:264 Resp: 258143
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 21.4 17.2 25.8



#88
Benzo(k)fluoranthene
Concen: 2.04 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.04 min
Lab File: BF097903.D
Acq: 21 Aug 2017 13:40

Tgt Ion:252 Resp: 31239
Ion Ratio Lower Upper
252 100
253 24.3 18.4 27.6
125 18.3 13.1 19.7

