

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097486.D
 Acq On : 8 Aug 2017 23:32
 Operator : SJ/JU
 Sample : I4655-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP7-WC1

Quant Time: Aug 09 01:03:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	101431	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	460806	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	184841	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	276685	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	192532	20.00	ng	-0.01
86) Perylene-d12	14.87	264	178597	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.00	112	510780	75.91	ng	0.00
7) Phenol-d6	6.07	99	612822	79.78	ng	-0.01
23) Nitrobenzene-d5	6.97	82	342294	43.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	97567	66.81	ng	-0.01
44) 2-Fluorobiphenyl	8.76	172	553261	50.80	ng	-0.01
78) Terphenyl-d14	12.49	244	339086	35.91	ng	-0.01

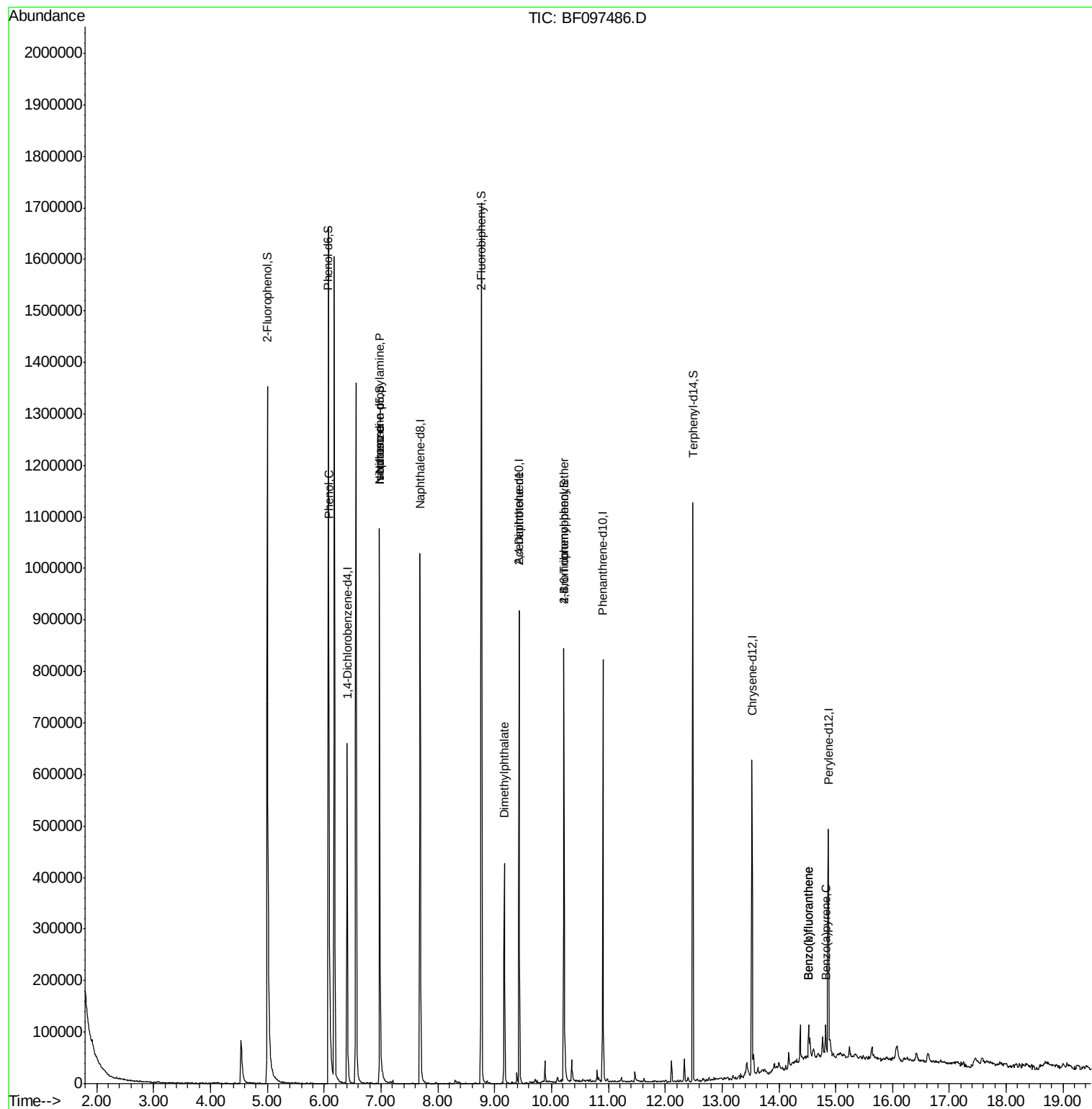
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.09	94	21148	2.32	ng	# 49
19) n-Nitroso-di-n-propylamine	6.97	70	45470	8.99	ng	# 86
25) Isophorone	6.97	82	342292	22.25	ng	# 67
49) Dimethylphthalate	9.17	163	159998	11.40	ng	# 99
56) 2,4-Dinitrotoluene	9.43	165	22847	6.68	ng	# 32
66) 4-Bromophenyl-phenylether	10.22	248	6447	2.33	ng	# 1
87) Benzo(b)fluoranthene	14.53	252	37541	3.50	ng	# 96
88) Benzo(k)fluoranthene	14.53	252	37541	3.67	ng	# 99
89) Benzo(a)pyrene	14.82	252	22016	2.24	ng	# 96

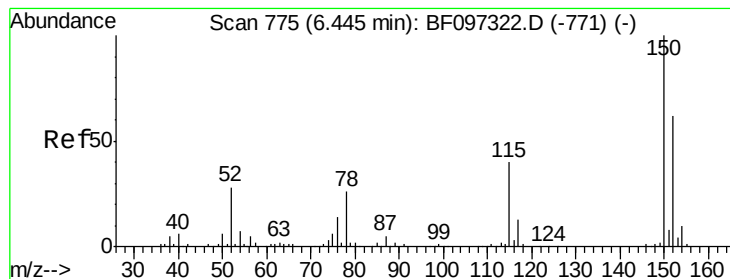
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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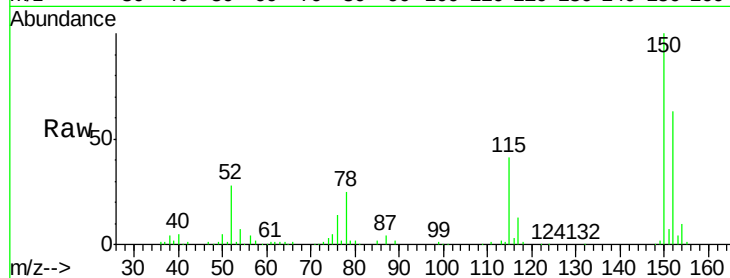


#1

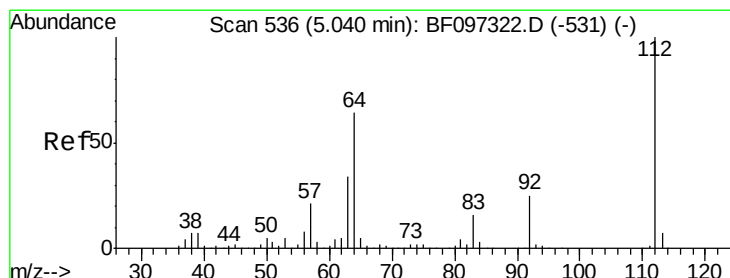
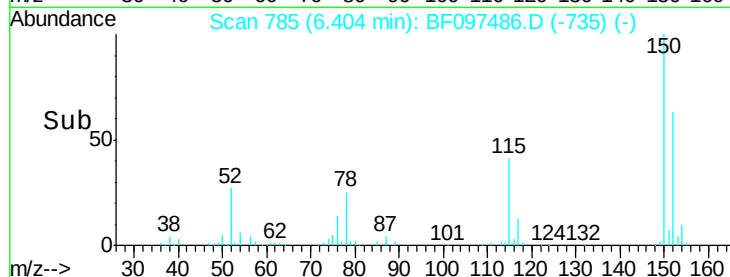
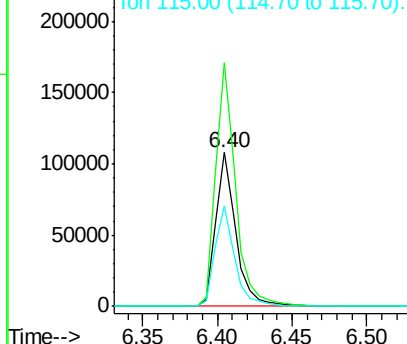
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.40 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF097486.D
 Acq: 8 Aug 2017 23:32

Instrument :
 BNA_F
 ClientSampleId :
 TP7-WC1

Tot Ion:152 Resp: 101431
 Ion Ratio Lower Upper
 152 100
 150 158.4 126.2 189.2
 115 64.9 52.2 78.2



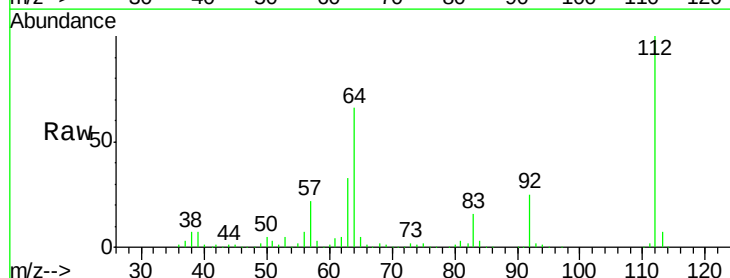
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



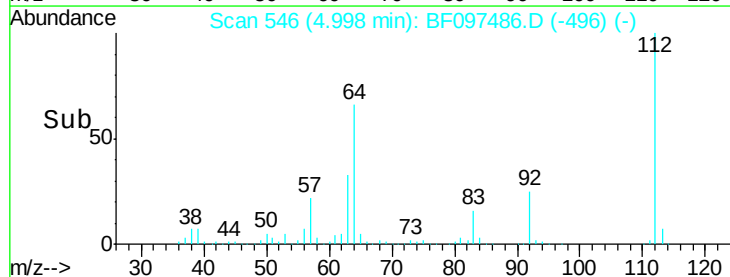
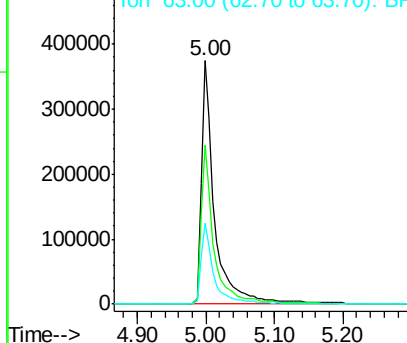
#5

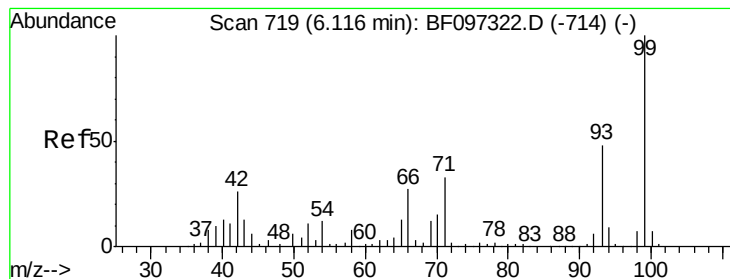
2-Fluorophenol
 Concen: 75.91 ng
 RT: 5.00 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF097486.D
 Acq: 8 Aug 2017 23:32

Tgt Ion:112 Resp: 510780
 Ion Ratio Lower Upper
 112 100
 64 65.6 46.0 69.0
 63 33.1 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: 79.78 ng

RT: 6.07 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097486.D

Acq: 8 Aug 2017 23:32

Instrument :

BNA_F

ClientSampled :

TP7-WC1

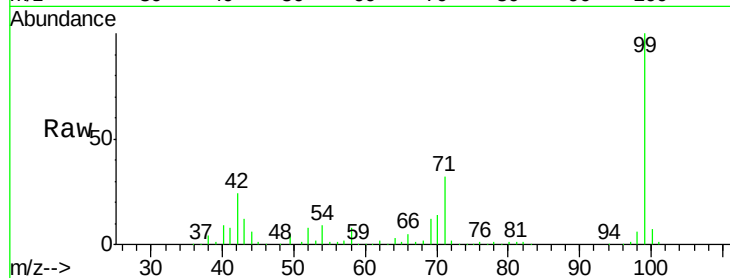
Tot Ion: 99 Resp: 612822

Ion Ratio Lower Upper

99 100

42 23.6 13.5 20.3#

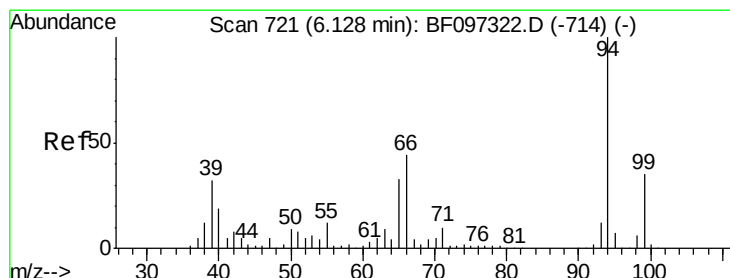
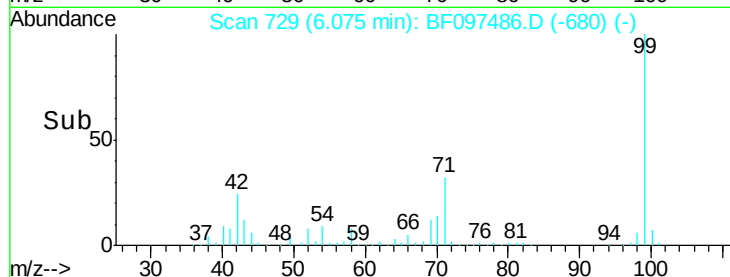
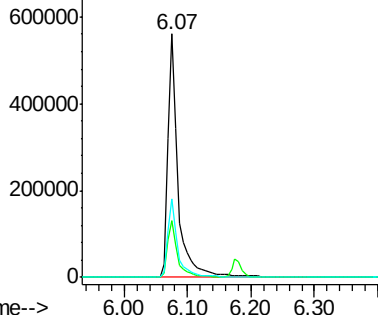
71 32.5 24.5 36.7



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: 2.32 ng

RT: 6.09 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF097486.D

Acq: 8 Aug 2017 23:32

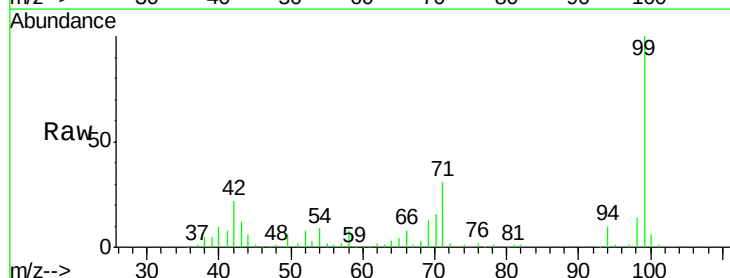
Tgt Ion: 94 Resp: 21148

Ion Ratio Lower Upper

94 100

65 45.5 9.9 49.9

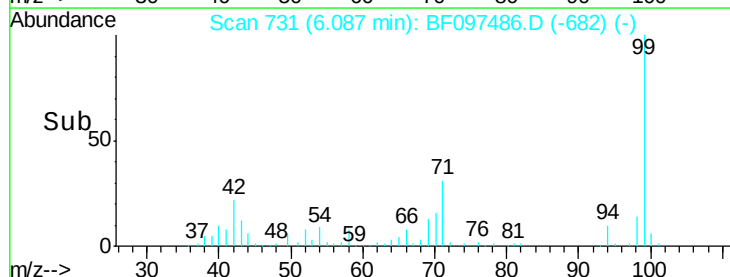
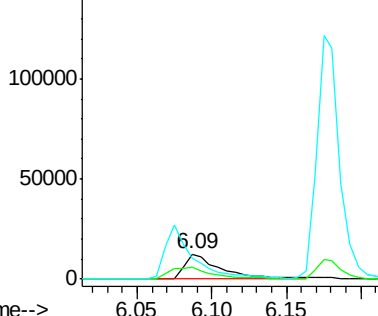
66 85.8 23.1 63.1#

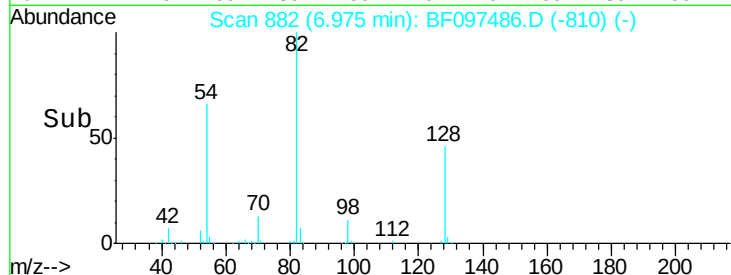
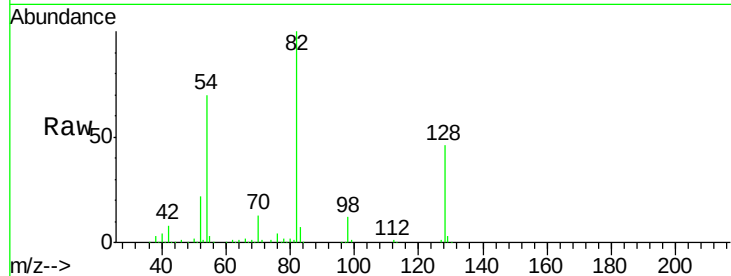
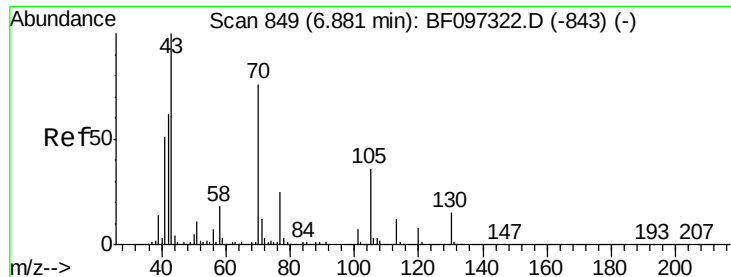


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

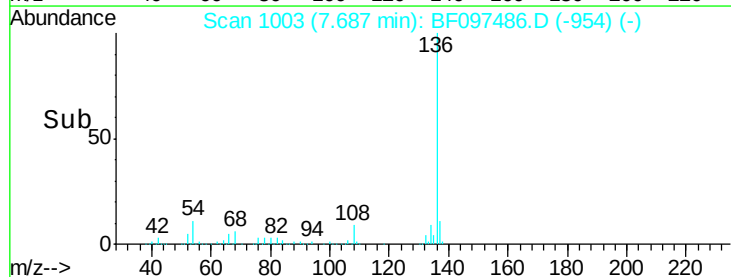
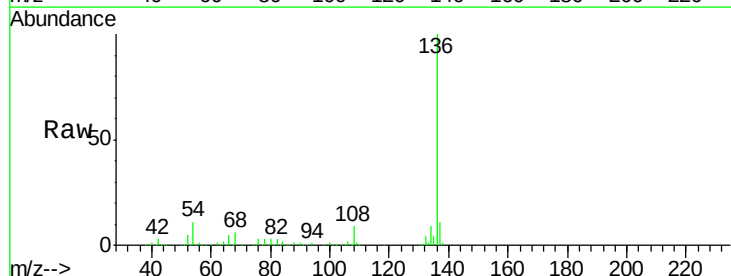
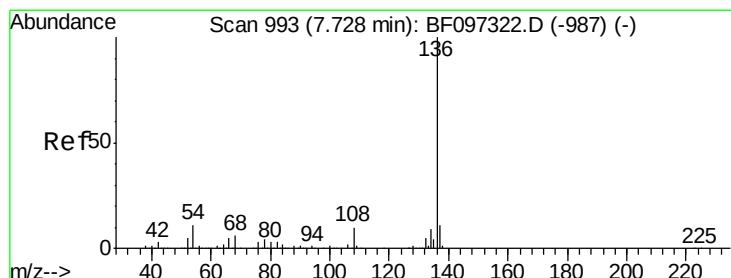
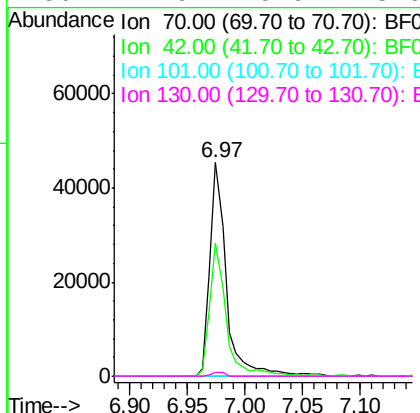




#19
n-Nitroso-di-n-propylamine
Concen: 8.99 ng
RT: 6.97 min Scan# 882
Delta R.T. 0.12 min
Lab File: BF097486.D
Acq: 8 Aug 2017 23:32

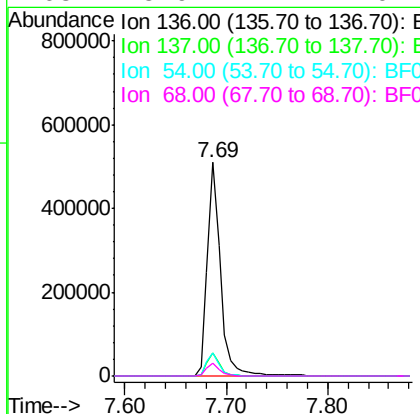
Instrument :
BNA_F
ClientSampleId :
TP7-WC1

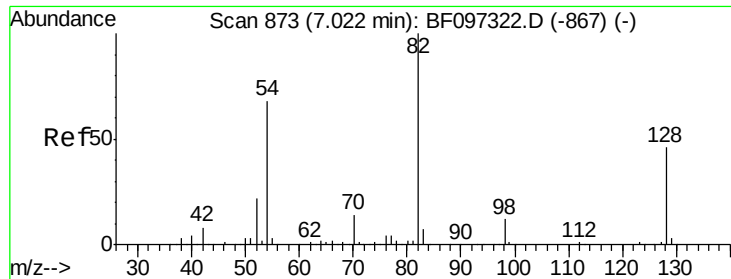
Tot Ion: 70 Resp: 45470
Ion Ratio Lower Upper
70 100
42 62.3 47.2 70.8
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.69 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF097486.D
Acq: 8 Aug 2017 23:32

Tgt Ion:136 Resp: 460806
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.6 4.9 7.3#
68 5.9 4.1 6.1

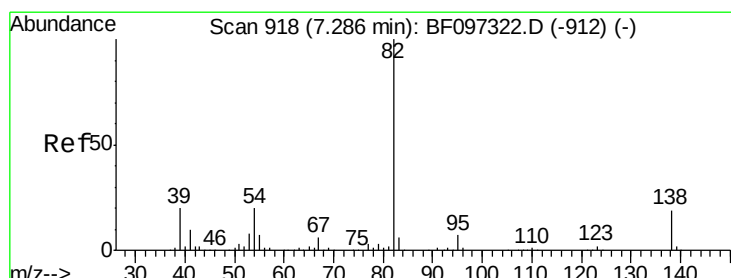
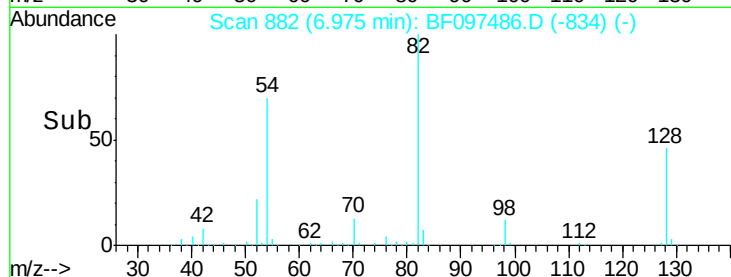
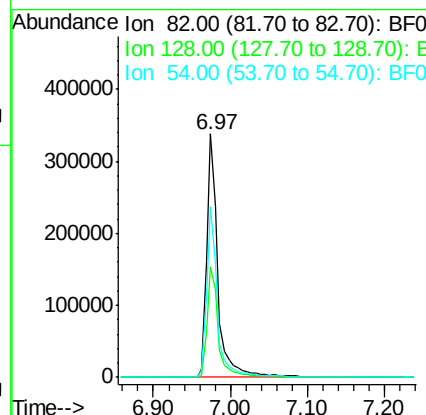
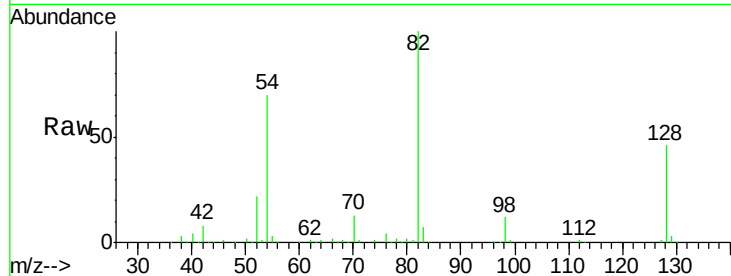




#23
 Nitrobenzene-d5
 Concen: 43.58 ng
 RT: 6.97 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF097486.D
 Acq: 8 Aug 2017 23:32

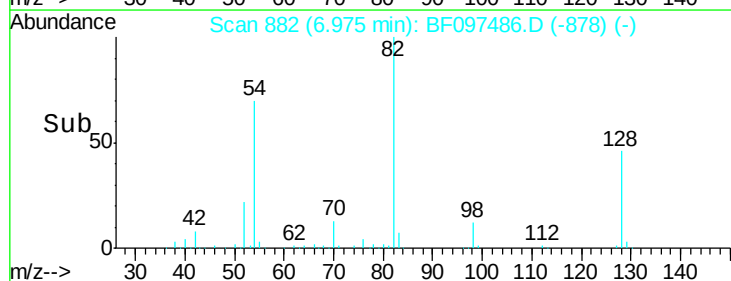
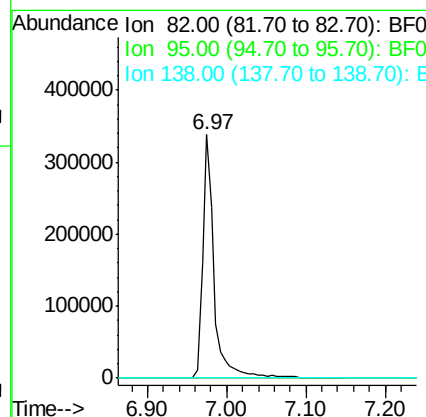
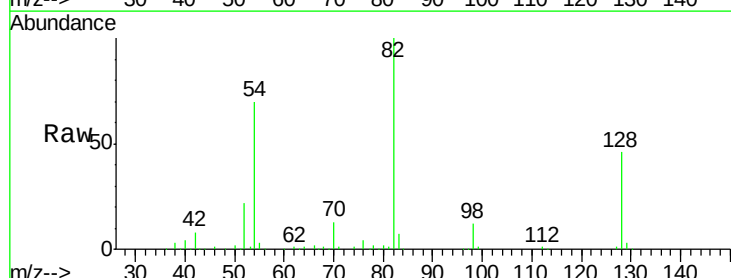
Instrument :
 BNA_F
 ClientSampleId :
 TP7-WC1

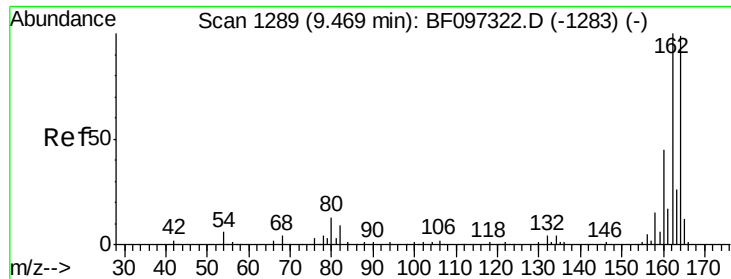
Tot Ion: 82 Resp: 342294
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.0 51.0
 54 70.2 42.2 63.2#



#25
 Isophorone
 Concen: 22.25 ng
 RT: 6.97 min Scan# 882
 Delta R.T. -0.28 min
 Lab File: BF097486.D
 Acq: 8 Aug 2017 23:32

Tgt Ion: 82 Resp: 342292
 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: 9.43 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF097486.D

Acq: 8 Aug 2017 23:32

Instrument :

BNA_F

ClientSampleId :

TP7-WC1

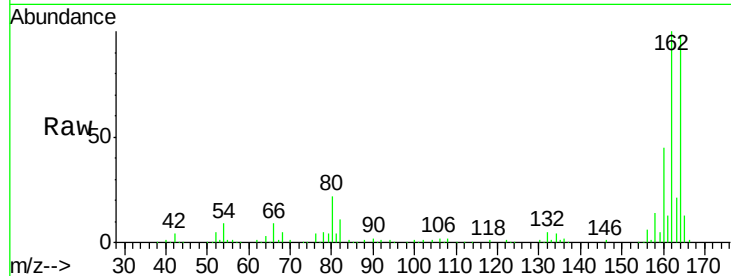
Tot Ion:164 Resp: 184841

Ion Ratio Lower Upper

164 100

162 101.9 82.6 123.8

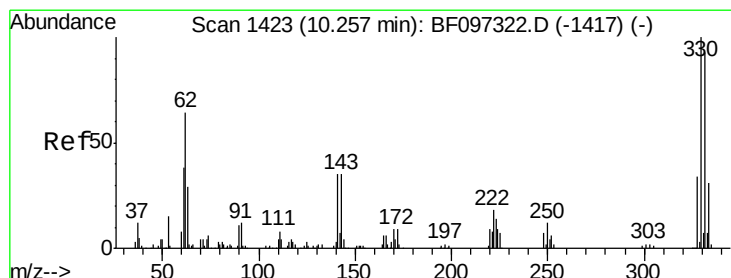
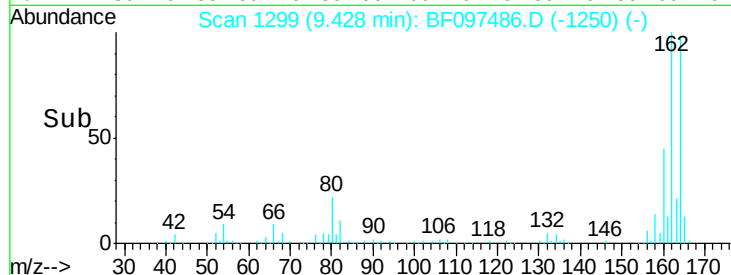
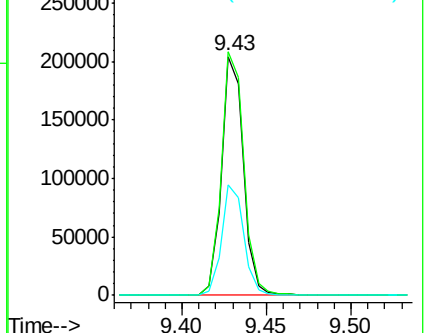
160 46.1 36.2 54.2



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: 66.81 ng

RT: 10.22 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF097486.D

Acq: 8 Aug 2017 23:32

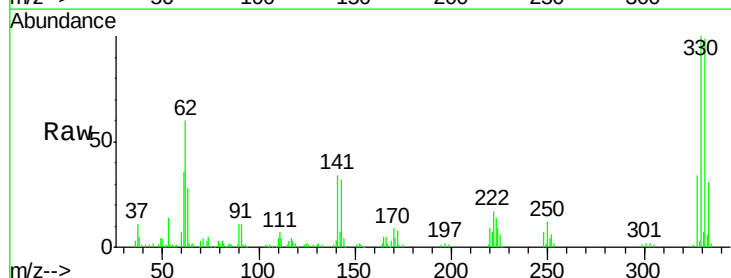
Tgt Ion:330 Resp: 97567

Ion Ratio Lower Upper

330 100

332 99.3 76.6 115.0

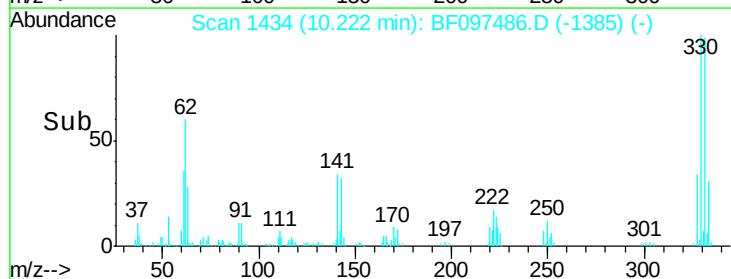
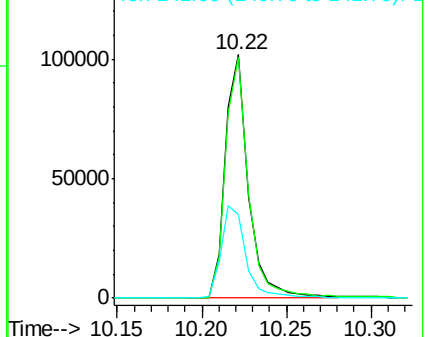
141 40.9 31.4 47.2

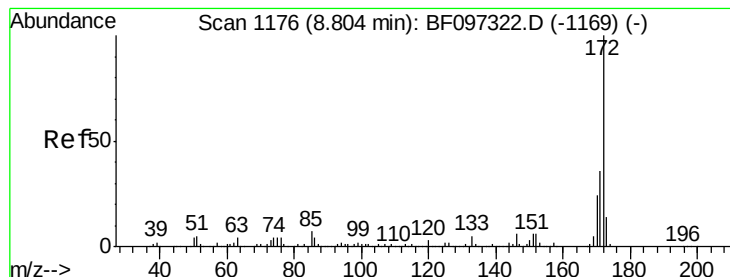


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

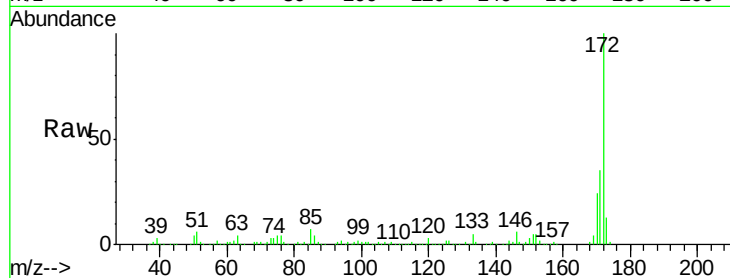




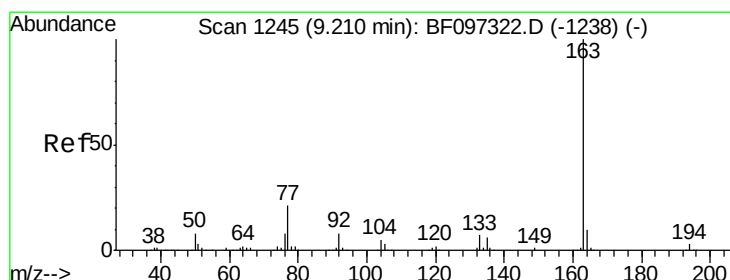
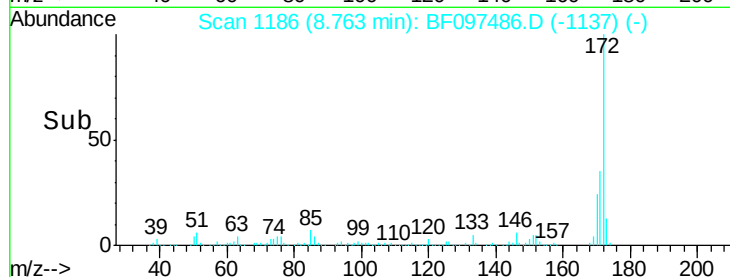
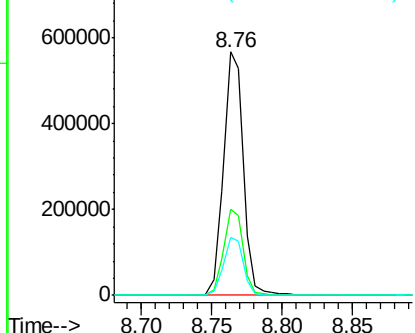
#44
2-Fluorobiphenyl
Concen: 50.80 ng
RT: 8.76 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF097486.D
Acq: 8 Aug 2017 23:32

Instrument :
BNA_F
ClientSampleId :
TP7-WC1

Tot Ion:172 Resp: 553261
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 23.6 19.8 29.8

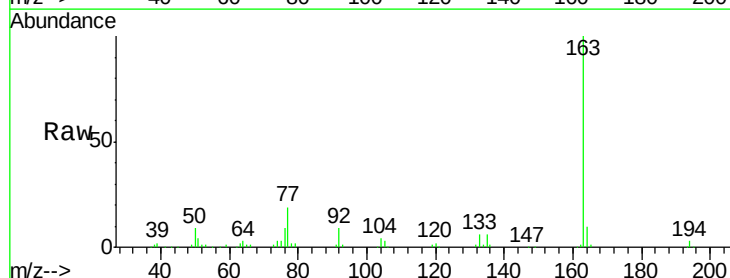


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

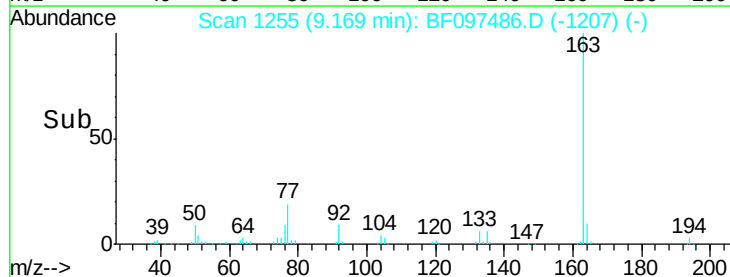
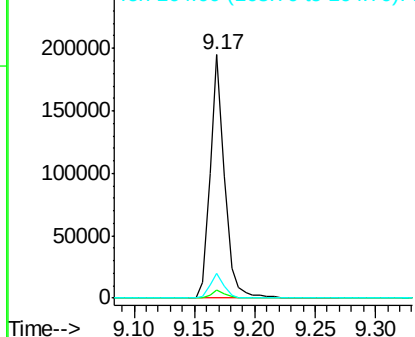


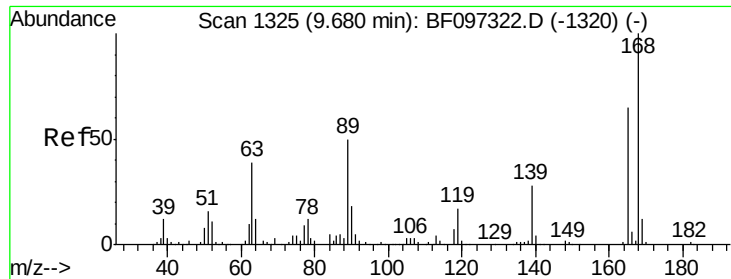
#49
Dimethylphthalate
Concen: 11.40 ng
RT: 9.17 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF097486.D
Acq: 8 Aug 2017 23:32

Tgt Ion:163 Resp: 159998
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.2 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

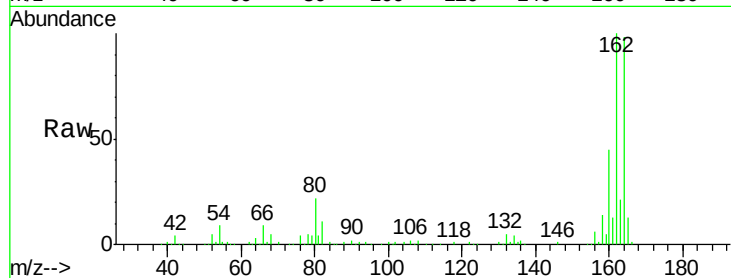




#56
 2,4-Dinitrotoluene
 Concen: 6.68 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. -0.24 min
 Lab File: BF097486.D
 Acq: 8 Aug 2017 23:32

Instrument :
 BNA_F
 ClientSampleId :
 TP7-WC1

Tot Ion:	165	Resp:	22847
Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

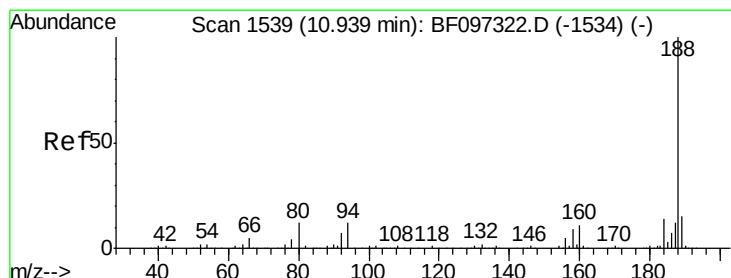
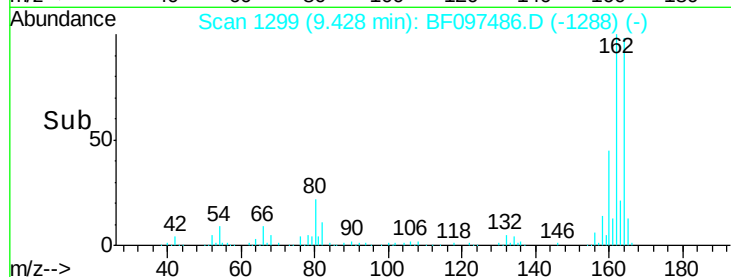
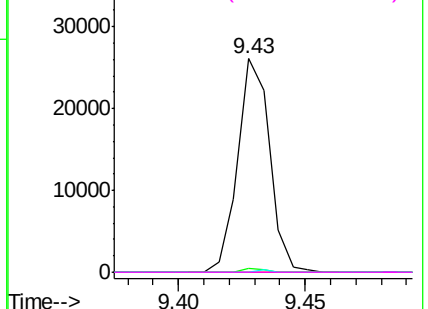


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

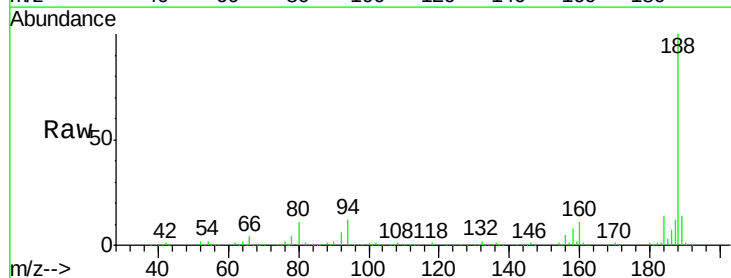
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF097486.D
 Acq: 8 Aug 2017 23:32

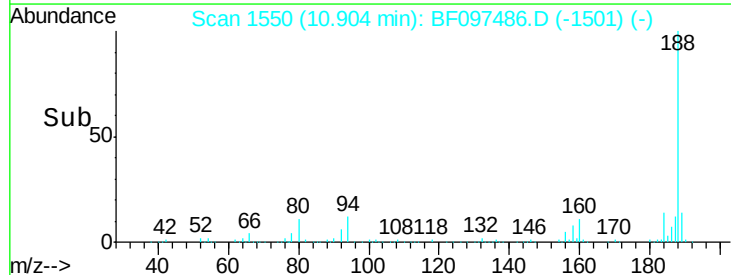
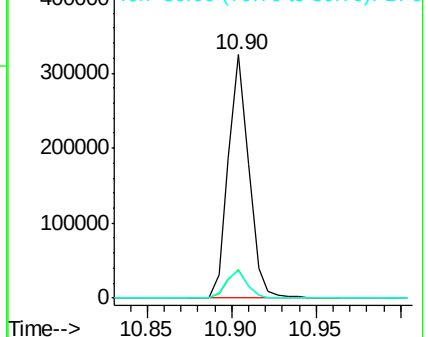
Tgt Ion:	188	Resp:	276685
Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	11.1	10.2	15.2

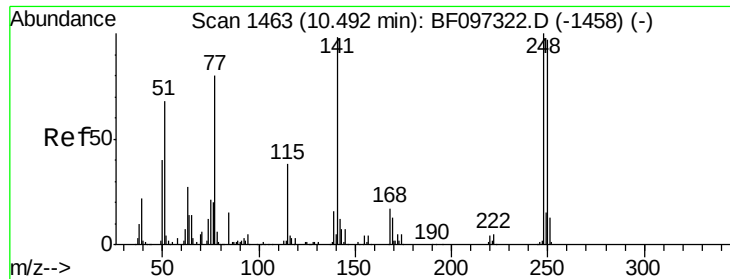


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

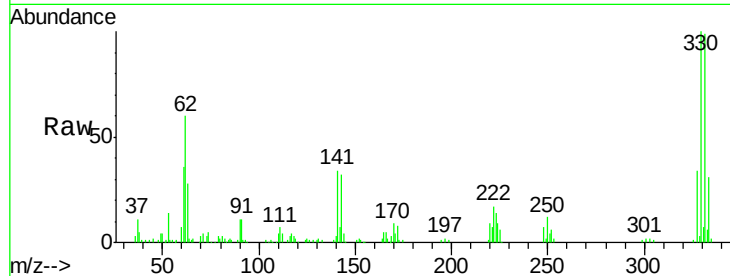




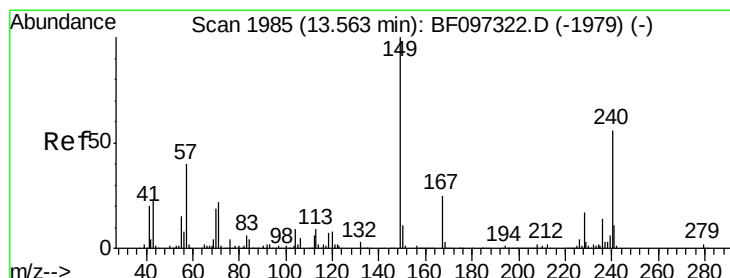
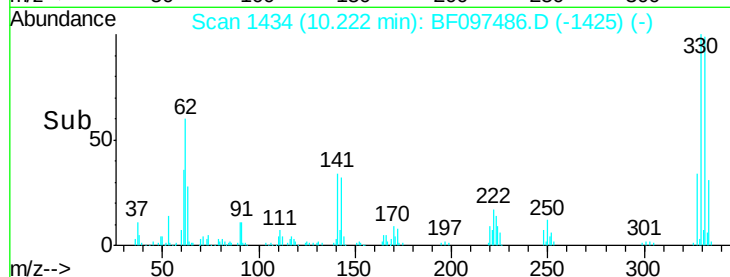
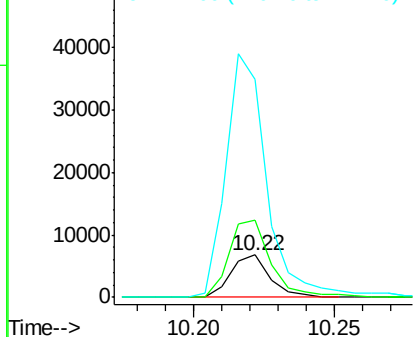
#66
 4-Bromophenyl-phenylether
 Concen: 2.33 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF097486.D
 Acq: 8 Aug 2017 23:32

Instrument :
 BNA_F
 ClientSampleId :
 TP7-WC1

Tot Ion:248 Resp: 6447
 Ion Ratio Lower Upper
 248 100
 250 183.1 76.8 115.2#
 141 515.3 68.6 103.0#

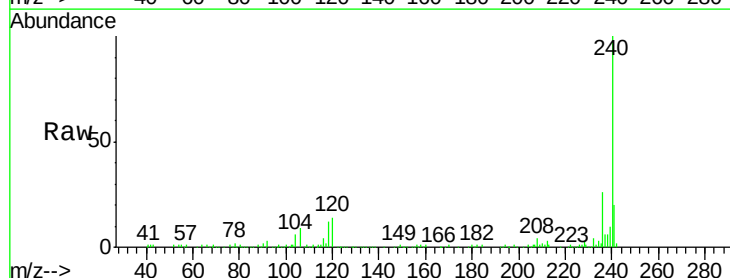


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

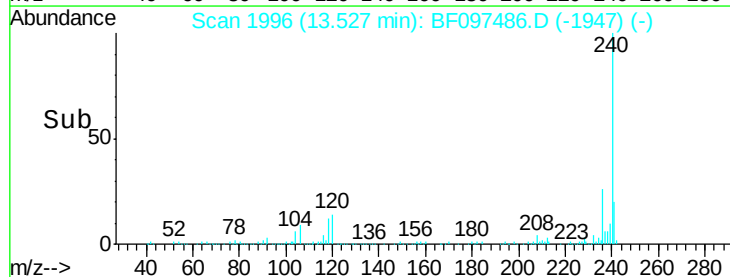
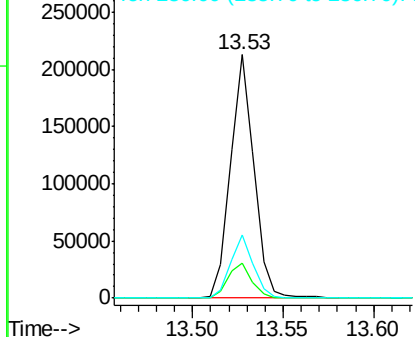


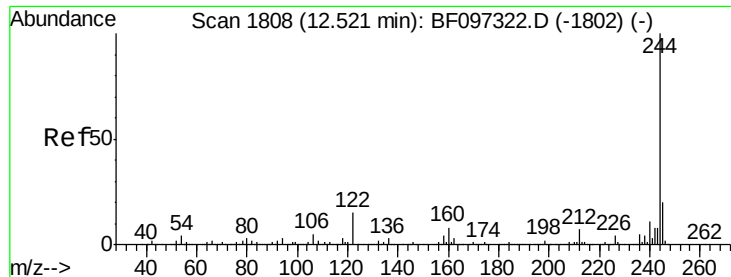
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.53 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF097486.D
 Acq: 8 Aug 2017 23:32

Tgt Ion:240 Resp: 192532
 Ion Ratio Lower Upper
 240 100
 120 14.4 5.8 8.8#
 236 25.8 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

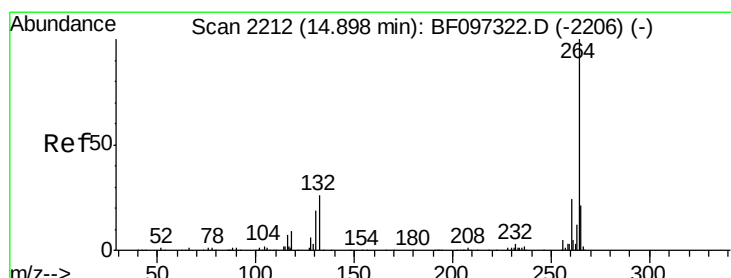
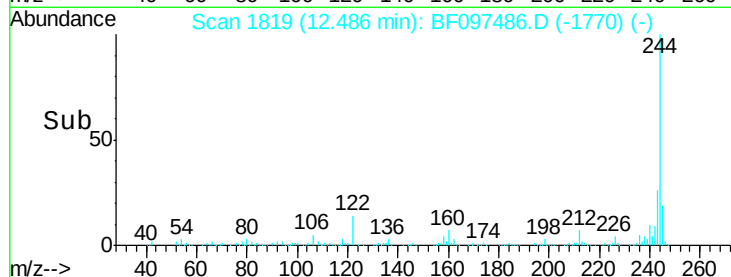
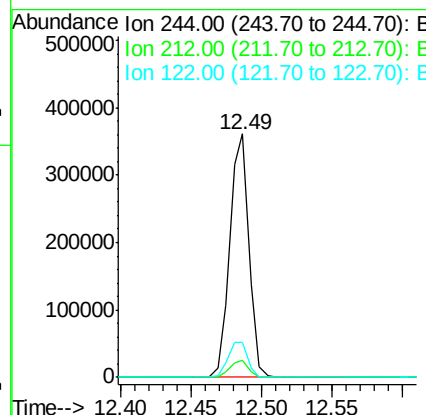
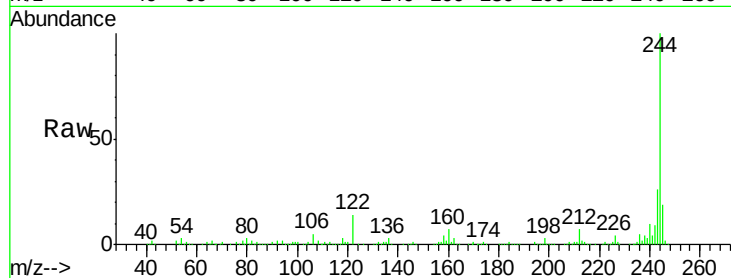




#78
 Terphenyl-d14
 Concen: 35.91 ng
 RT: 12.49 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF097486.D
 Acq: 8 Aug 2017 23:32

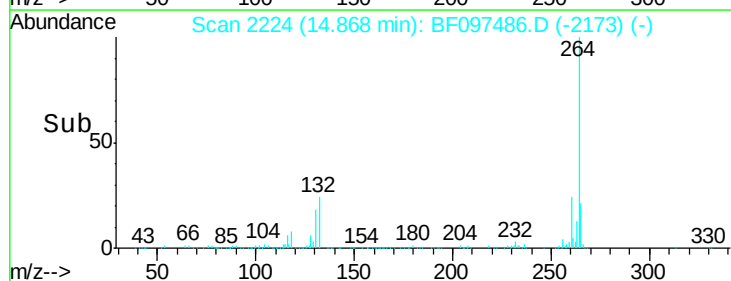
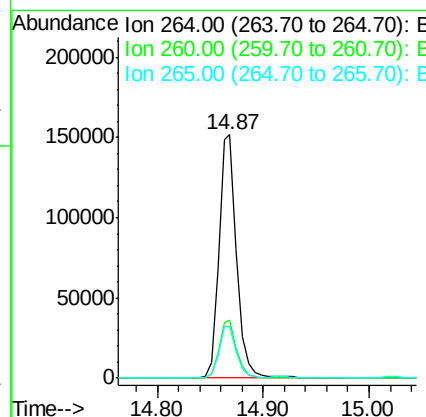
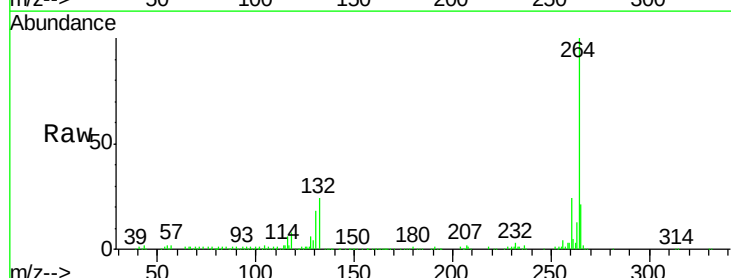
Instrument :
 BNA_F
 ClientSampleId :
 TP7-WC1

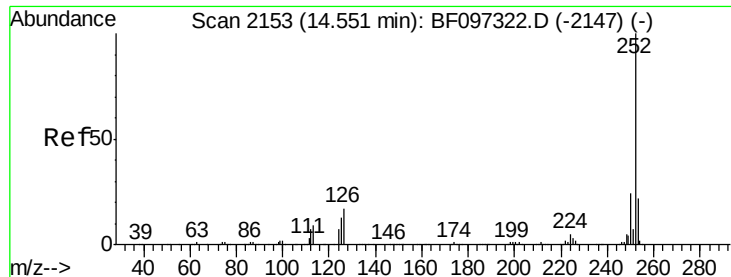
Tot Ion:244 Resp: 339086
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 14.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BF097486.D
 Acq: 8 Aug 2017 23:32

Tgt Ion:264 Resp: 178597
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.0 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 3.50 ng

RT: 14.53 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BF097486.D

Acq: 8 Aug 2017 23:32

Instrument :

BNA_F

ClientSampleId :

TP7-WC1

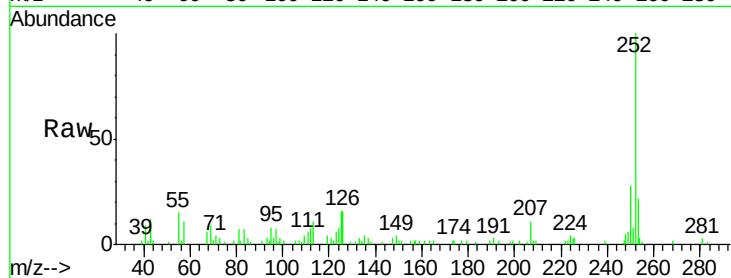
Tot Ion:252 Resp: 37541

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

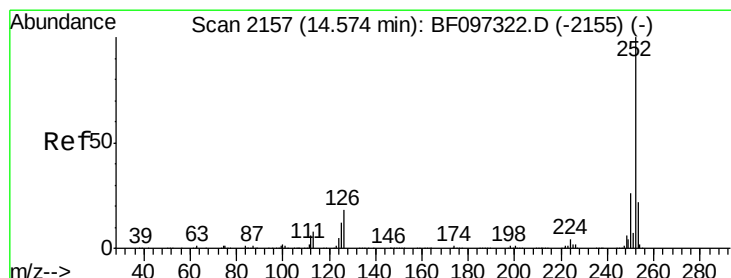
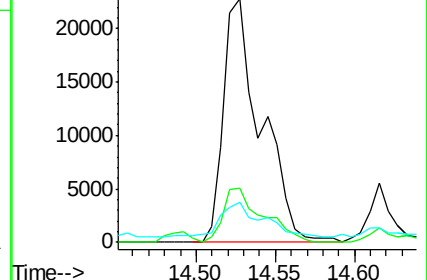
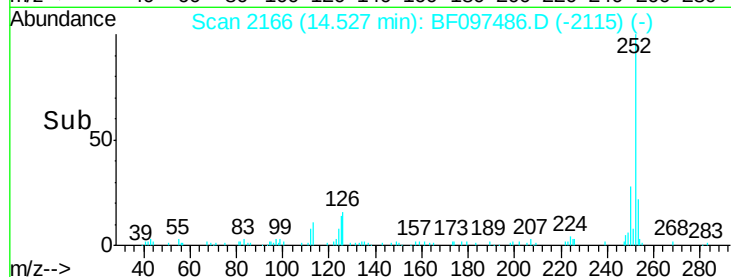
125 16.2 9.8 14.8#



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



#88

Benzo(k)fluoranthene

Concen: 3.67 ng

RT: 14.53 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BF097486.D

Acq: 8 Aug 2017 23:32

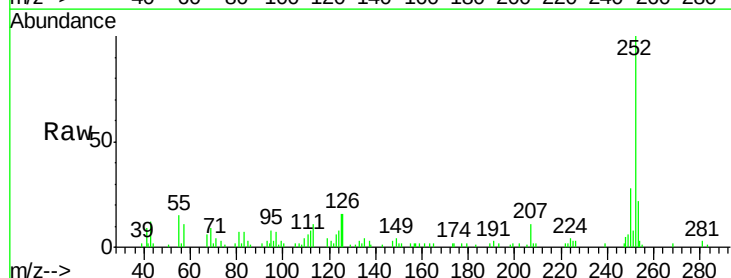
Tgt Ion:252 Resp: 37541

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

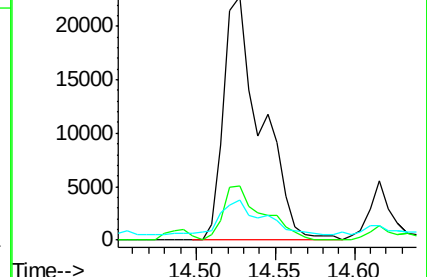
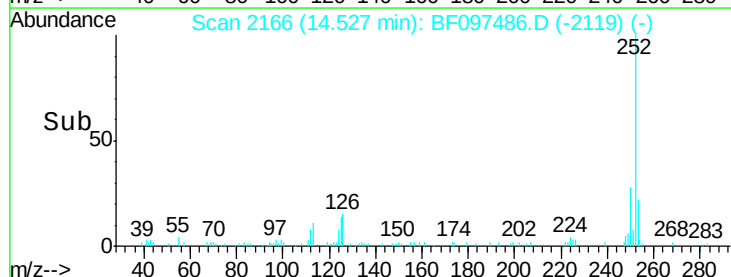
125 16.2 13.1 19.7

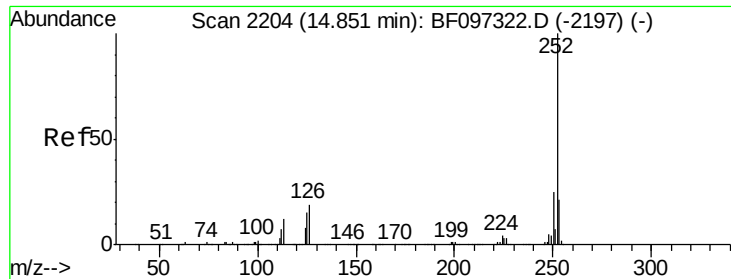


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.24 ng

RT: 14.82 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BF097486.D

Acq: 8 Aug 2017 23:32

Instrument :

BNA_F

ClientSampleId :

TP7-WC1

Tot Ion: 252 Resp: 22016

Ion Ratio Lower Upper

252 100

253 23.3 17.5 26.3

125 16.3 11.0 16.4

