

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097149.D
 Acq On : 28 Jul 2017 12:47
 Operator : SJ/JU
 Sample : I4397-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-1A-4.0-4.5-072117

Quant Time: Jul 28 13:21:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

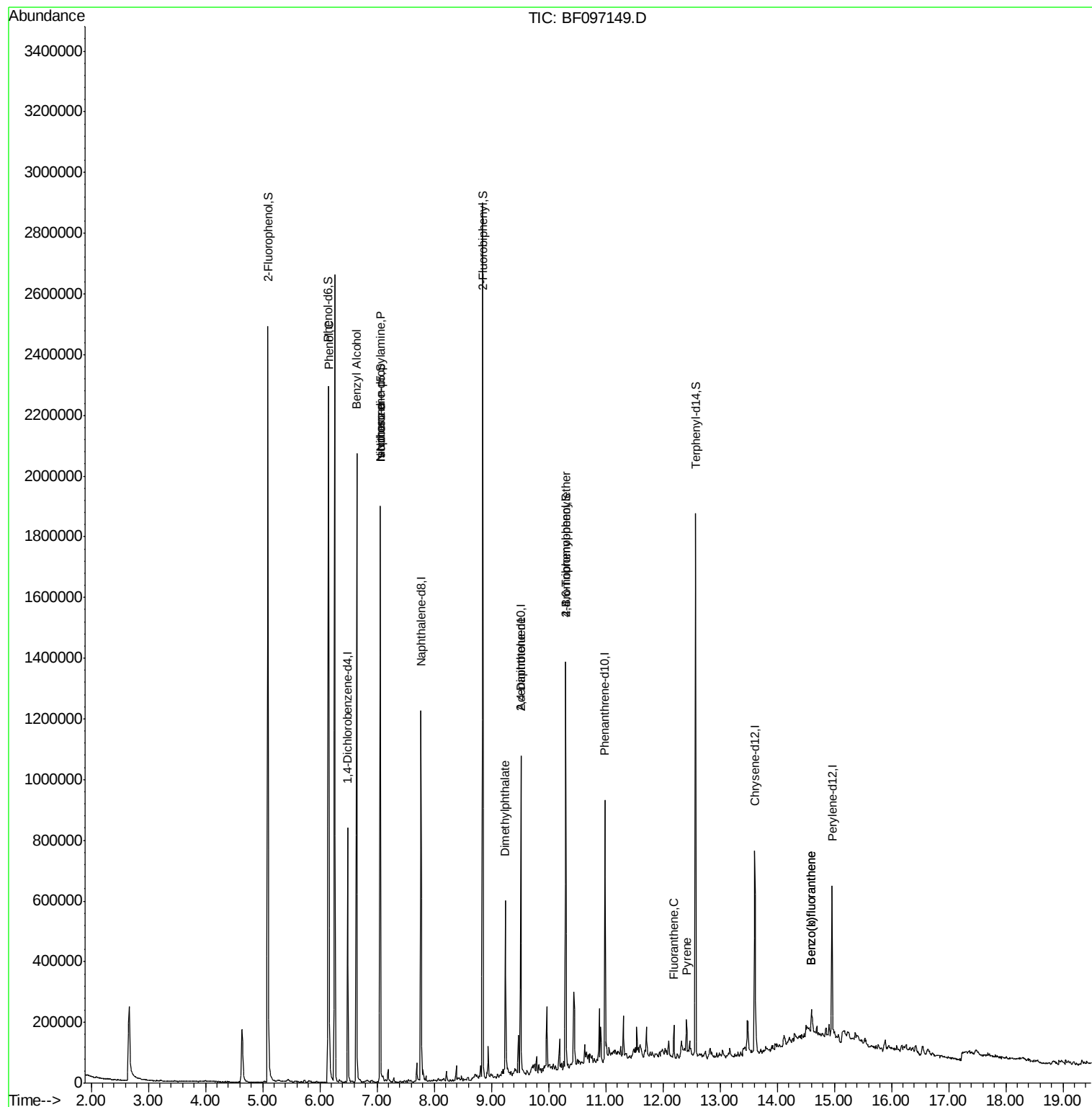
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	115380	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	502072	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	199608	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	285758	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	214134	20.00	ng	-0.02
86) Perylene-d12	14.96	264	190435	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	791646	103.43	ng	0.00
7) Phenol-d6	6.15	99	921624	105.48	ng	-0.02
23) Nitrobenzene-d5	7.06	82	577318	67.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	156204	99.05	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	927391	78.85	ng	-0.02
78) Terphenyl-d14	12.57	244	558889	53.21	ng	-0.01
Target Compounds						
10) Phenol	6.16	94	39883	3.848	ng	Qvalue 97
15) Benzyl Alcohol	6.65	79	11240	2.032	ng	# 30
19) n-Nitroso-di-n-propylamine	7.06	70	77809	13.529	ng	# 88
25) Isophorone	7.06	82	575706	34.349	ng	# 67
49) Dimethylphthalate	9.25	163	203661	13.436	ng	97
56) 2,4-Dinitrotoluene	9.52	165	26334	7.125	ng	# 34
66) 4-Bromophenyl-phenylether	10.30	248	10099	3.541	ng	# 1
74) Fluoranthene	12.19	202	38533	2.569	ng	99
77) Pyrene	12.42	202	36962	2.108	ng	95
87) Benzo(b)fluoranthene	14.60	252	36528	3.191	ng	# 91
88) Benzo(k)fluoranthene	14.60	252	36528	3.349	ng	# 95

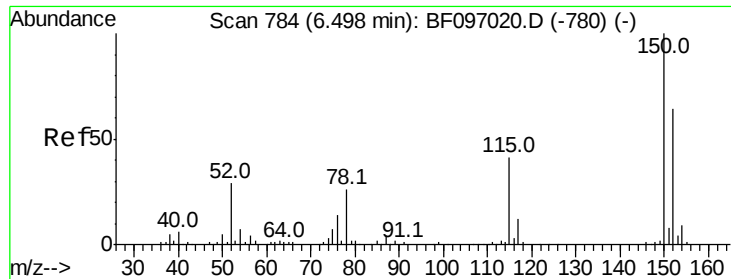
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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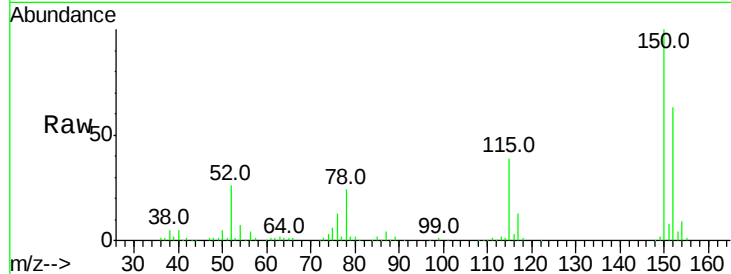


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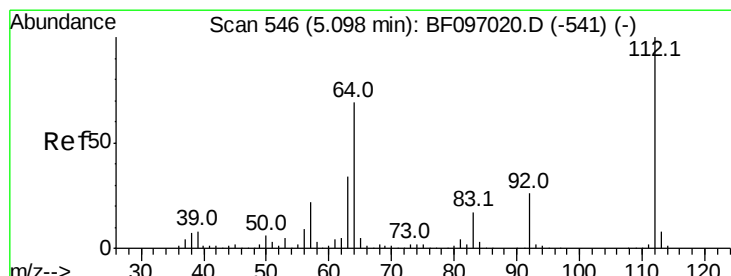
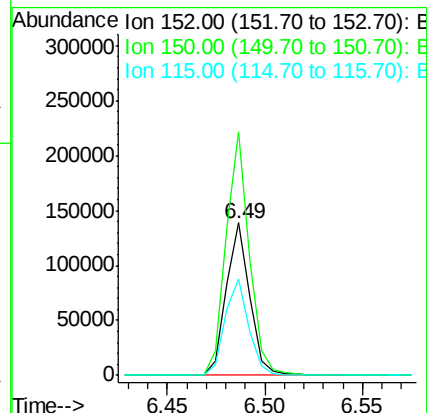
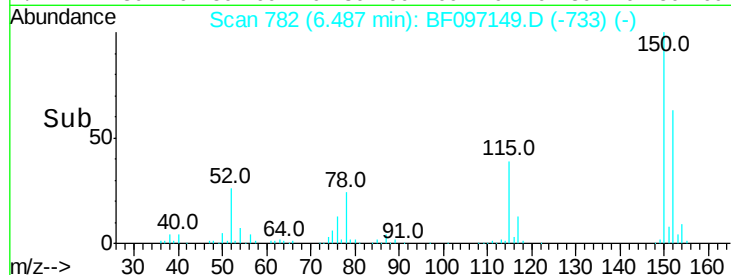
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097149.D
Acq: 28 Jul 2017 12:47

Instrument :
BNA_F
ClientSampleId :
P-1A-4.0-4.5-072117

Tot Ion:152 Resp: 115380
Ion Ratio Lower Upper
152 100
150 159.5 126.2 189.2
115 62.9 52.2 78.2



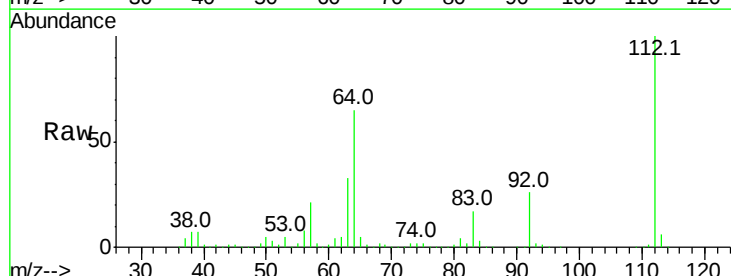
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



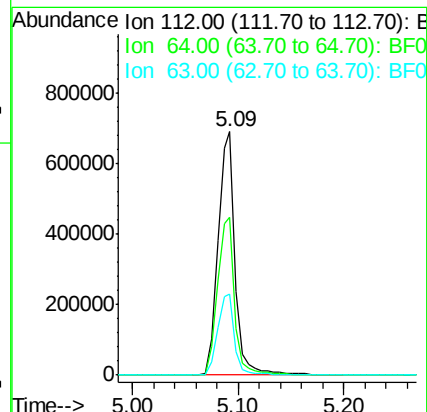
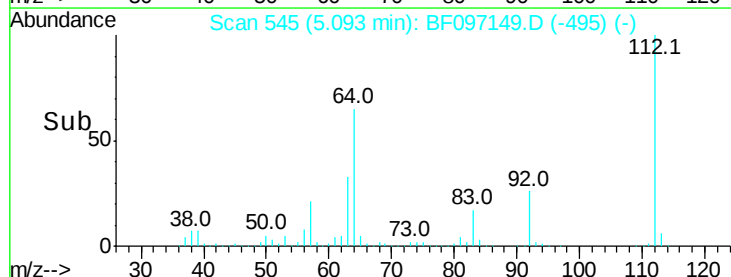
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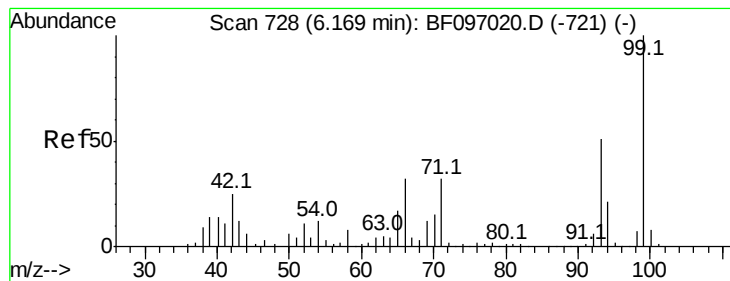
2-Fluorophenol
Concen: 103.432 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097149.D
Acq: 28 Jul 2017 12:47

Tgt Ion:112 Resp: 791646
Ion Ratio Lower Upper
112 100
64 65.0 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: 105.477 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097149.D

Acq: 28 Jul 2017 12:47

Instrument :

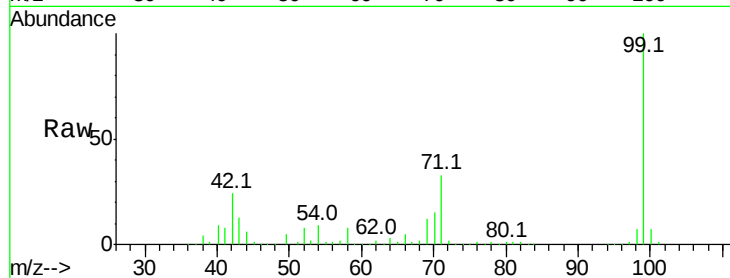
BNA_F

ClientSampleId :

P-1A-4.0-4.5-072117

Tot Ion: 99 Resp: 921624

Ion	Ratio	Lower	Upper
99	100		
42	24.1	13.5	20.3#
71	33.4	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

6.15

800000

600000

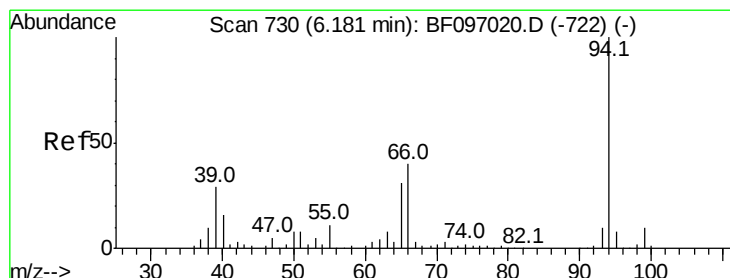
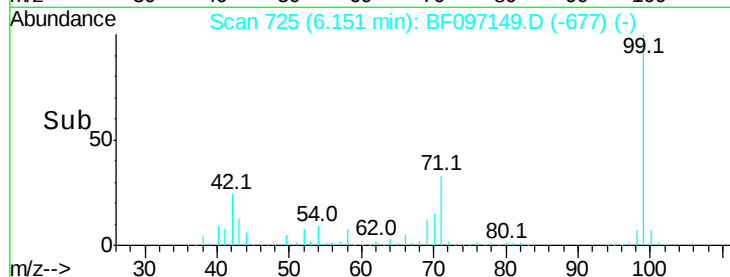
400000

200000

0

6.10 6.15 6.20 6.25

Time-->



#10

Phenol

Concen: 3.848 ng

RT: 6.16 min Scan# 727

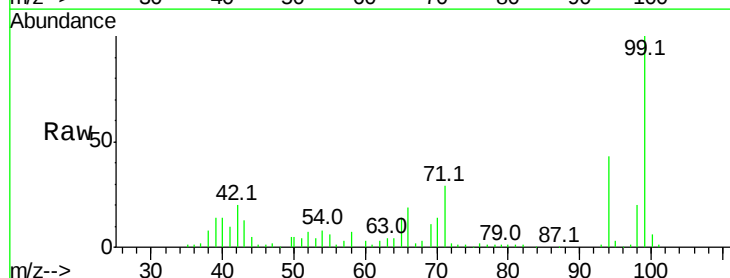
Delta R.T. -0.02 min

Lab File: BF097149.D

Acq: 28 Jul 2017 12:47

Tgt Ion: 94 Resp: 39883

Ion	Ratio	Lower	Upper
94	100		
65	31.8	9.9	49.9
66	44.5	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

250000

200000

150000

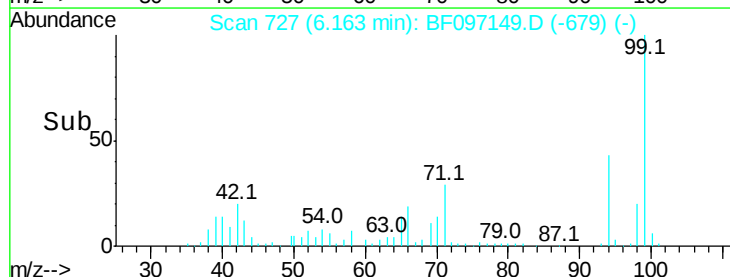
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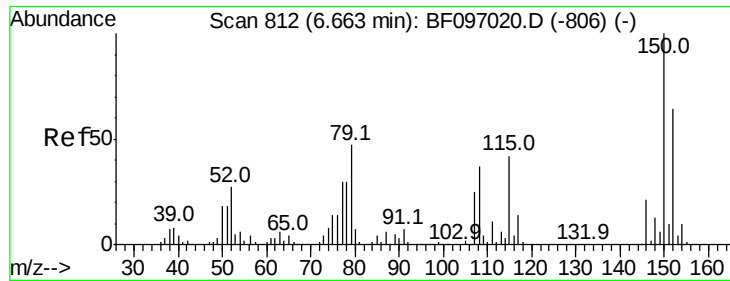
50000

0

6.10 6.15 6.20 6.25

Time-->

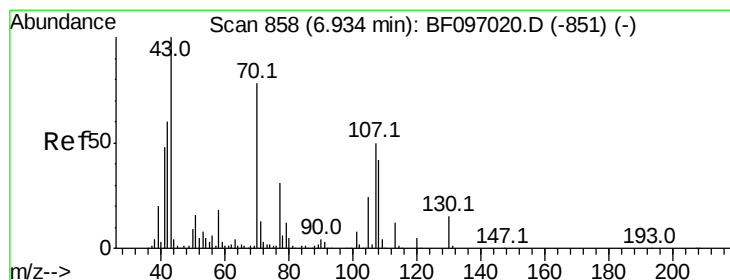
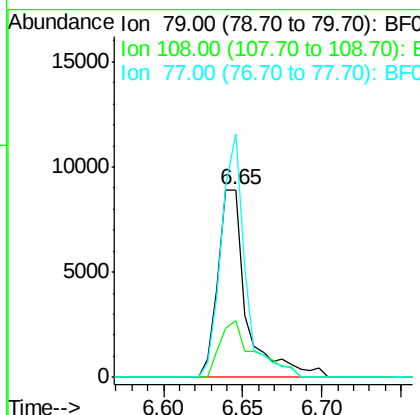
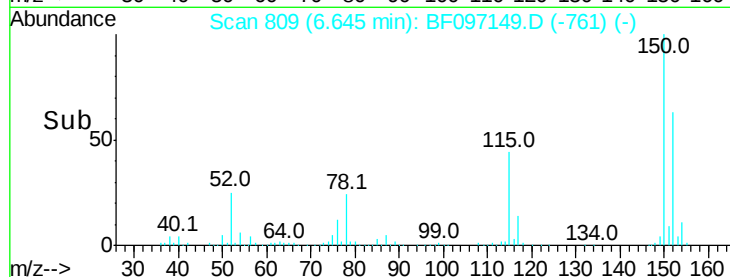
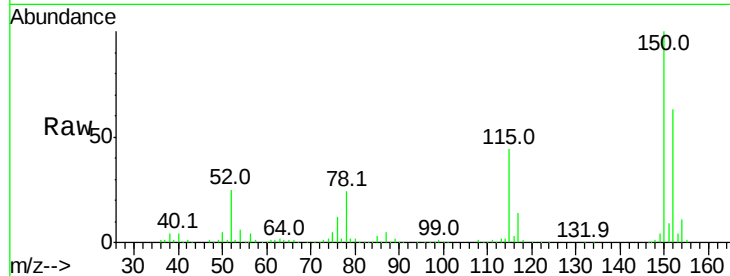




#15
Benzyl Alcohol
Concen: 2.032 ng
RT: 6.65 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF097149.D
Acq: 28 Jul 2017 12:47

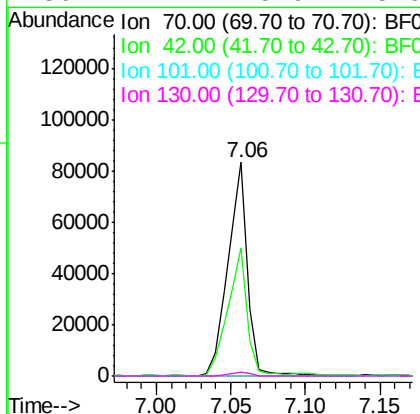
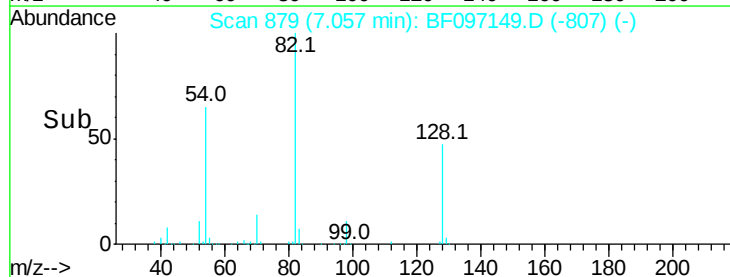
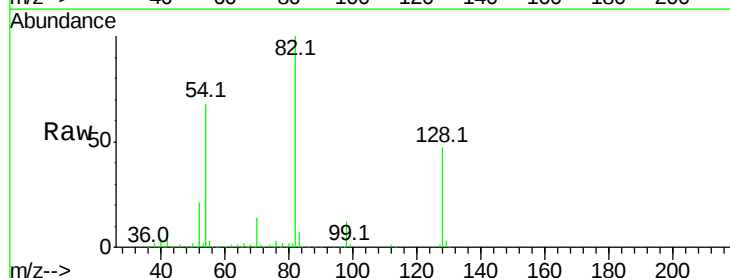
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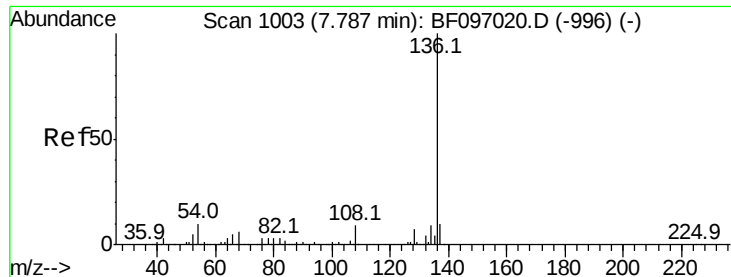
Tot Ion: 79 Resp: 11240
Ion Ratio Lower Upper
79 100
108 30.5 63.4 95.0#
77 129.6 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 13.529 ng
RT: 7.06 min Scan# 879
Delta R.T. 0.12 min
Lab File: BF097149.D
Acq: 28 Jul 2017 12:47

Tgt Ion: 70 Resp: 77809
Ion Ratio Lower Upper
70 100
42 60.2 47.2 70.8
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#

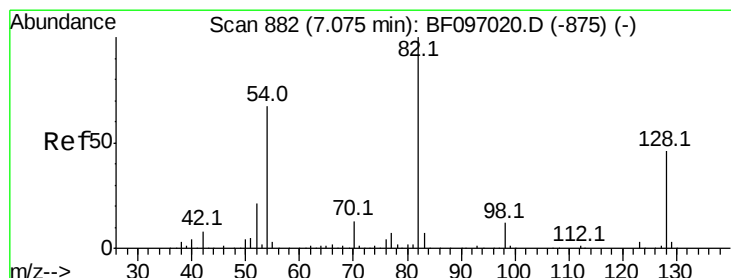
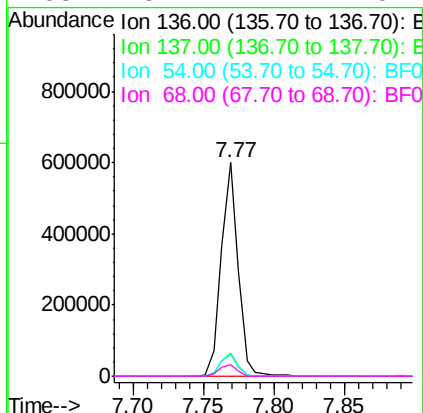
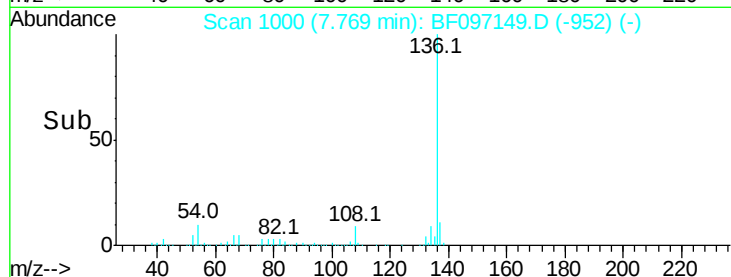
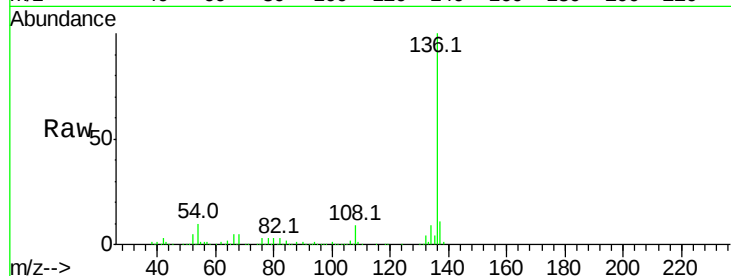




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097149.D
Acq: 28 Jul 2017 12:47

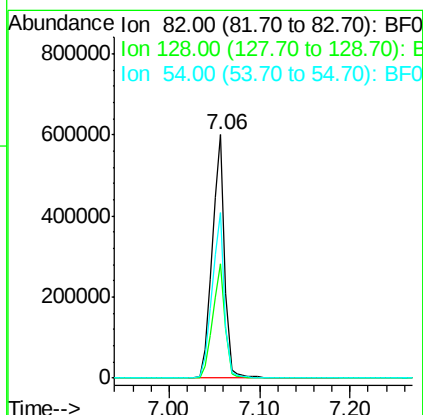
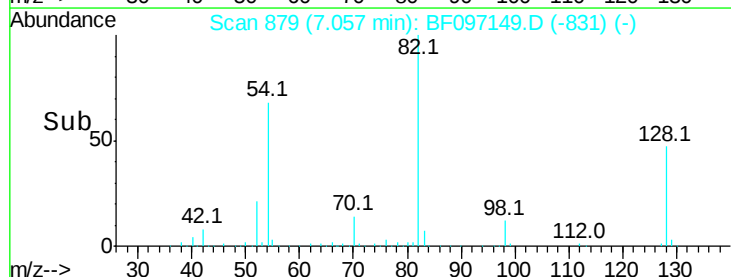
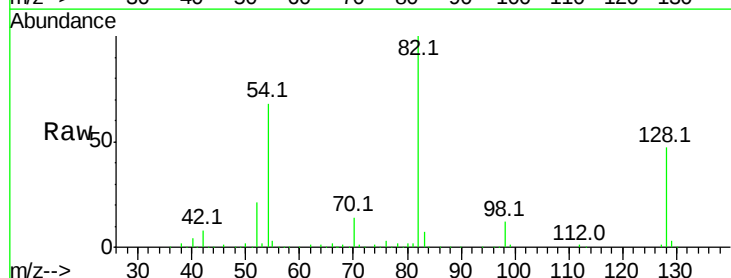
Instrument :
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ClientSampleId :
P-1A-4.0-4.5-072117

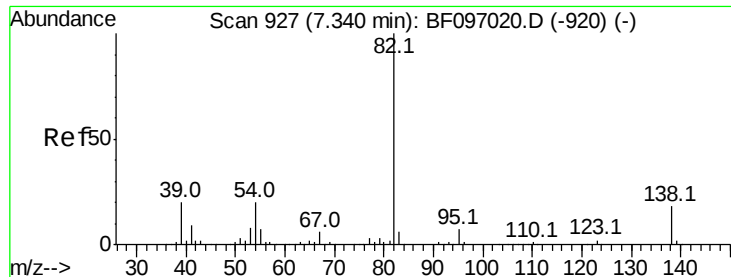
Tot Ion:136 Resp: 502072
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.4 4.9 7.3#
68 5.4 4.1 6.1



#23
Nitrobenzene-d5
Concen: 67.456 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097149.D
Acq: 28 Jul 2017 12:47

Tgt Ion: 82 Resp: 577318
Ion Ratio Lower Upper
82 100
128 46.7 34.0 51.0
54 67.8 42.2 63.2#





#25

Isophorone

Concen: 34.349 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF097149.D

Acq: 28 Jul 2017 12:47

Instrument :

BNA_F

ClientSampleId :

P-1A-4.0-4.5-072117

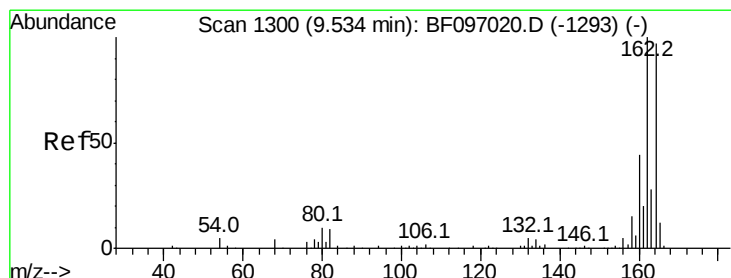
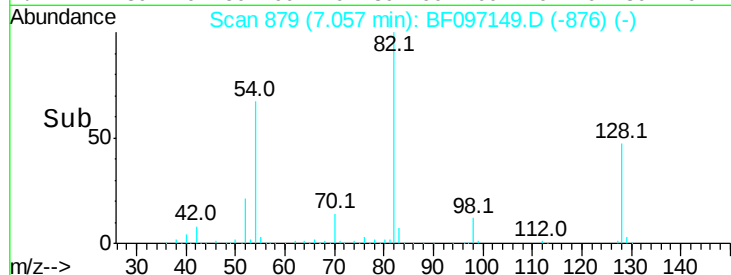
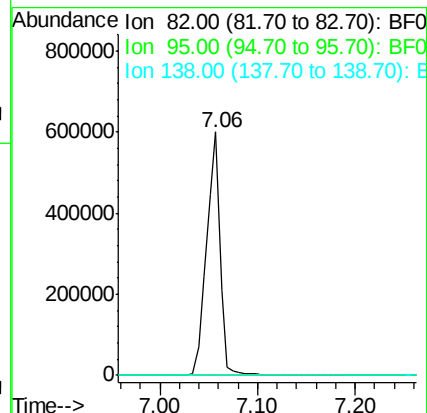
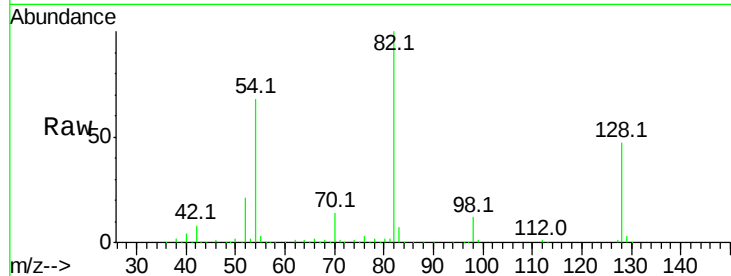
Tot Ion: 82 Resp: 575706

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF097149.D

Acq: 28 Jul 2017 12:47

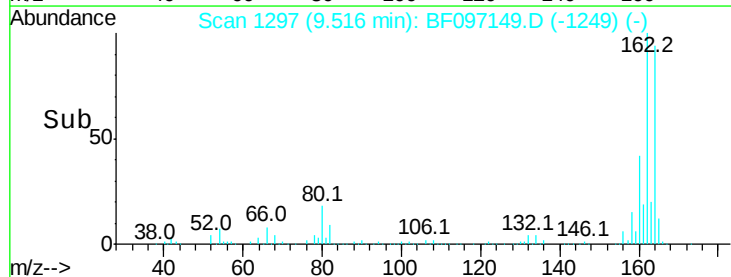
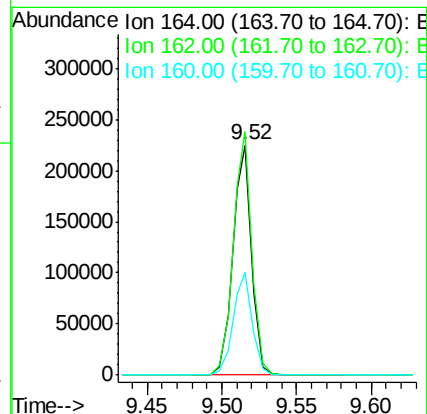
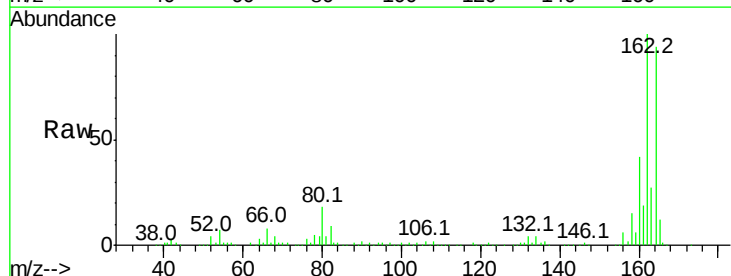
Tgt Ion: 164 Resp: 199608

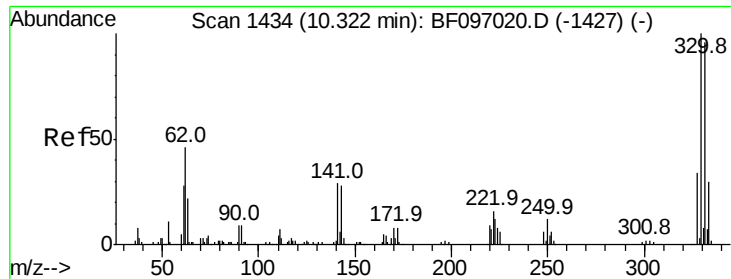
Ion Ratio Lower Upper

164 100

162 106.0 82.6 123.8

160 45.0 36.2 54.2

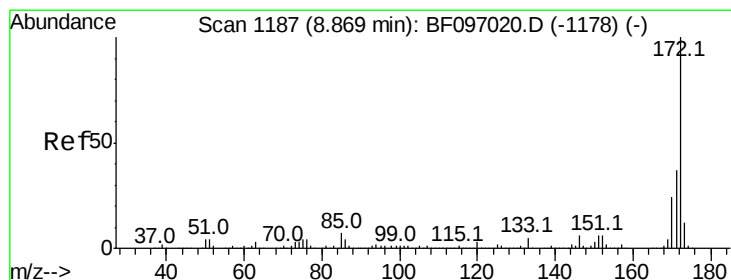
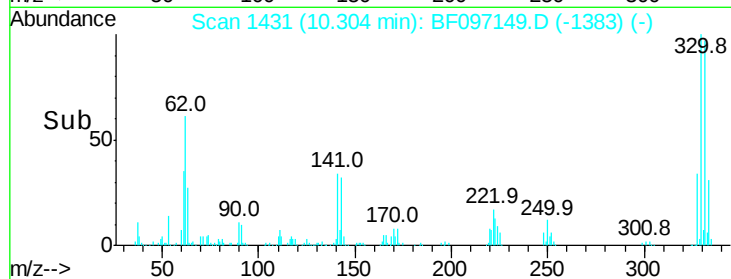
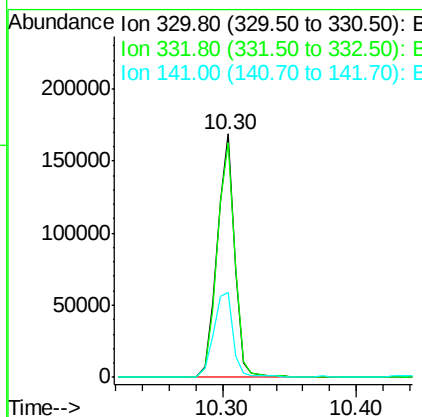
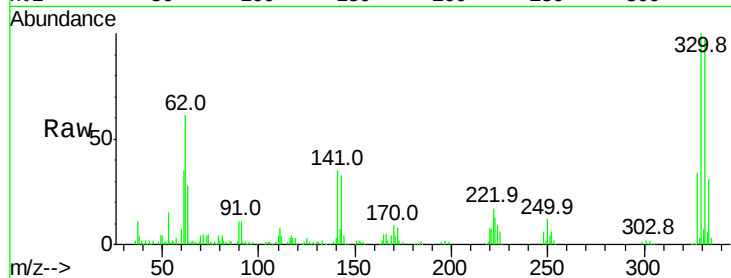




#41
 2,4,6-Tribromophenol
 Concen: 99.045 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097149.D
 Acq: 28 Jul 2017 12:47

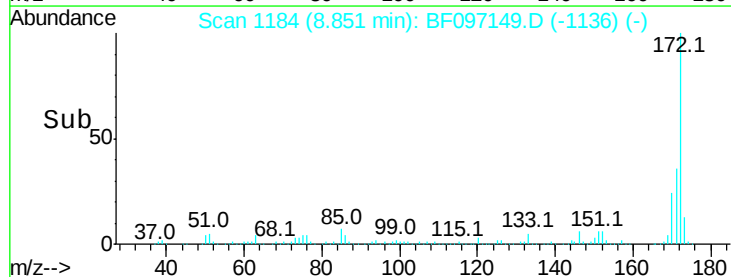
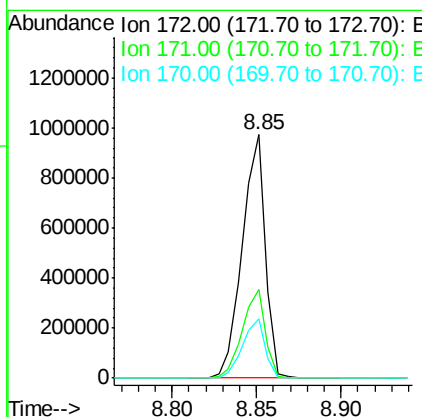
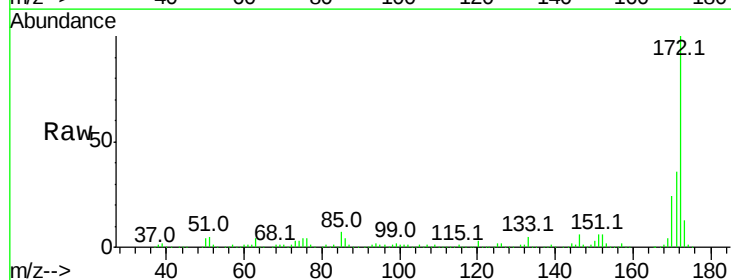
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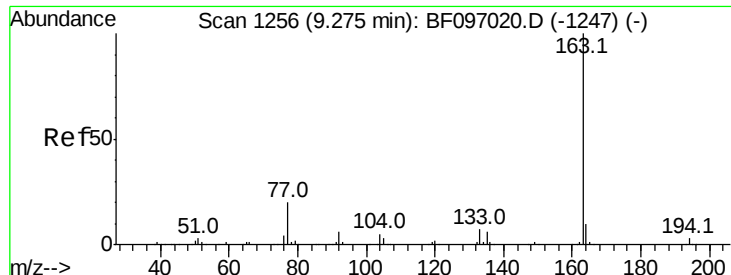
Tot Ion:330 Resp: 156204
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 115.0
 141 38.4 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 78.848 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097149.D
 Acq: 28 Jul 2017 12:47

Tgt Ion:172 Resp: 927391
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.2 19.8 29.8

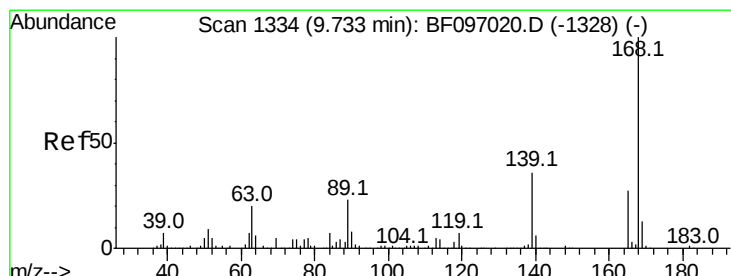
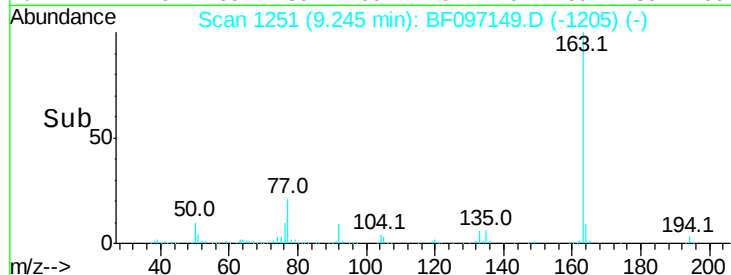
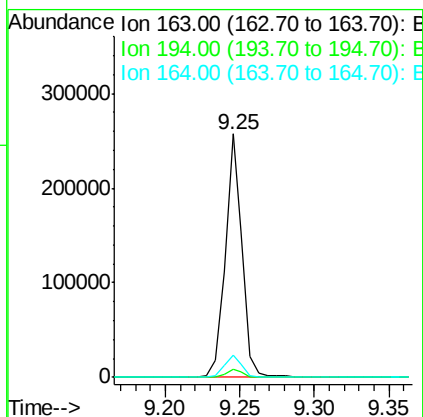
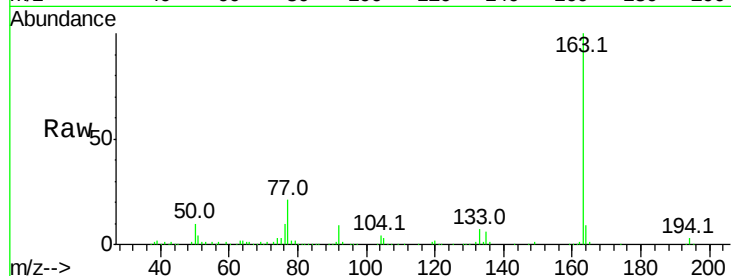




#49
Dimethylphthalate
Concen: 13.436 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097149.D
Acq: 28 Jul 2017 12:47

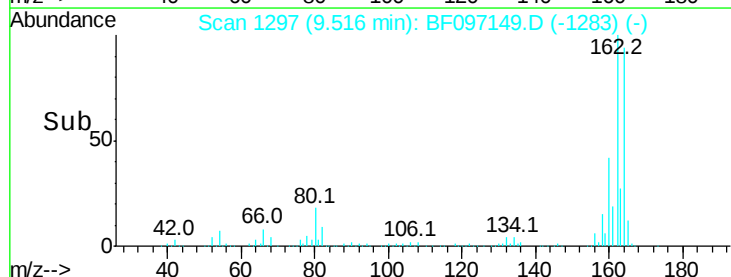
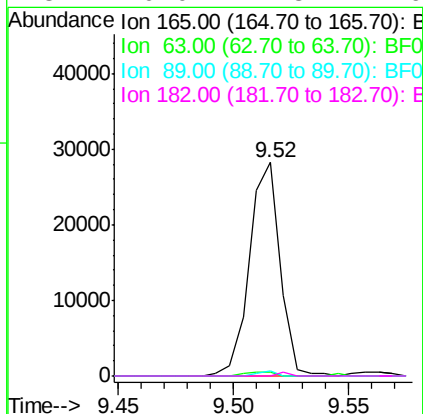
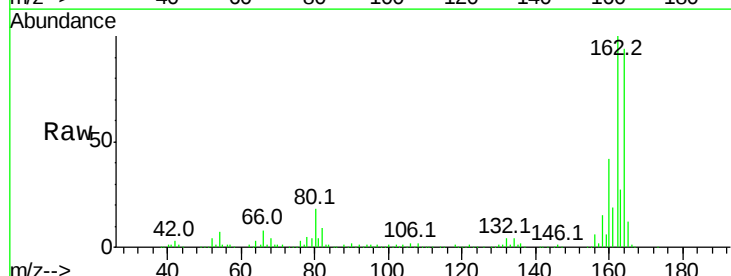
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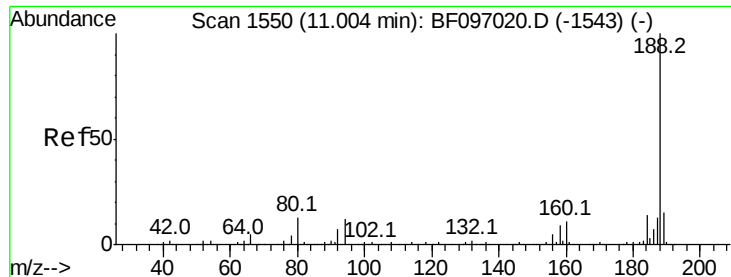
Tot Ion:163 Resp: 203661
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.3 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 7.125 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.22 min
Lab File: BF097149.D
Acq: 28 Jul 2017 12:47

Tgt Ion:165 Resp: 26334
Ion Ratio Lower Upper
165 100
63 1.6 25.4 38.0#
89 2.4 46.4 69.6#
182 0.0 1.8 2.6#

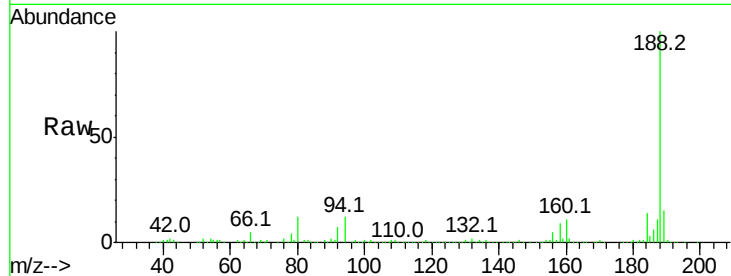




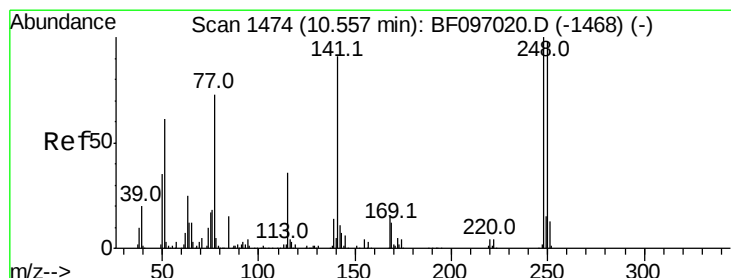
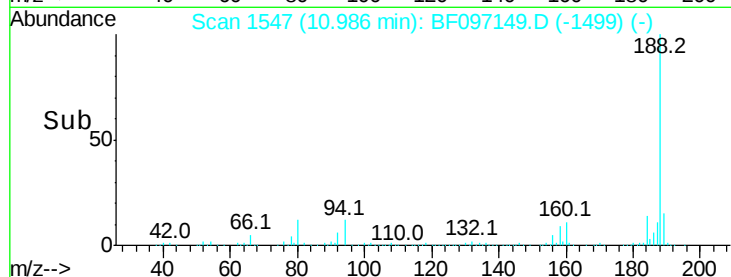
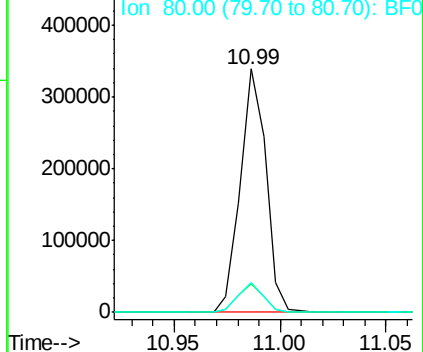
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097149.D
Acq: 28 Jul 2017 12:47

Instrument :
BNA_F
ClientSampleId :
P-1A-4.0-4.5-072117

Tot Ion:188 Resp: 285758
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 12.4 10.2 15.2

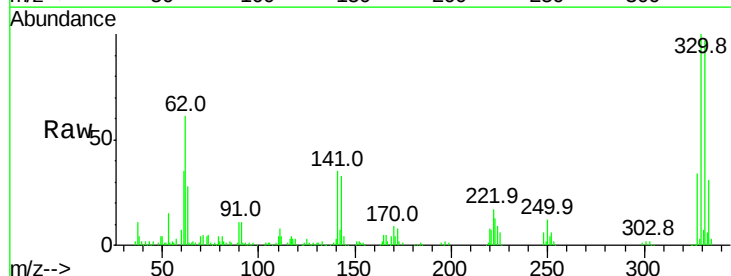


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

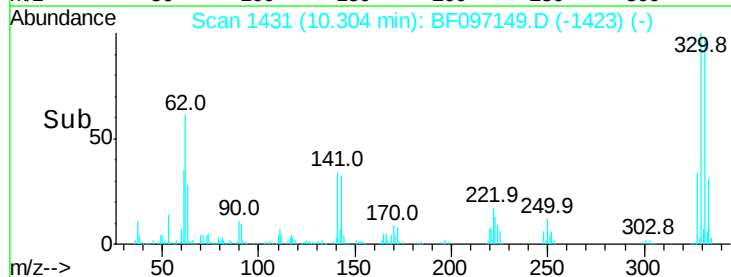
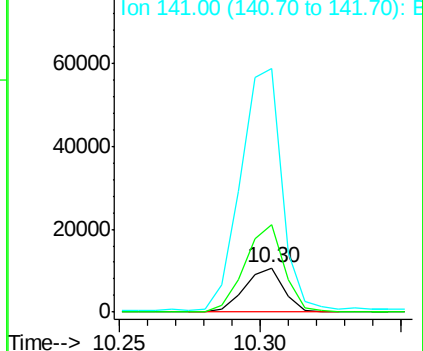


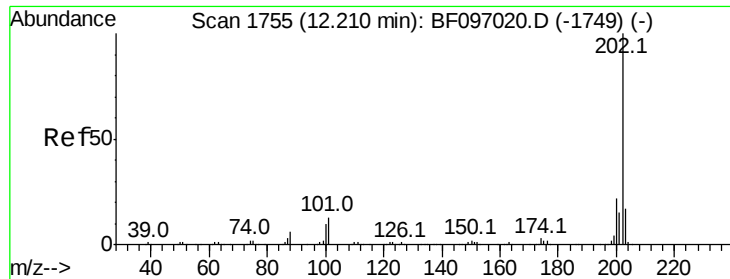
#66
4-Bromophenyl-phenylether
Concen: 3.541 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF097149.D
Acq: 28 Jul 2017 12:47

Tgt Ion:248 Resp: 10099
Ion Ratio Lower Upper
248 100
250 195.6 76.8 115.2#
141 547.9 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





#74

Fluoranthene

Concen: 2.569 ng

RT: 12.19 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF097149.D

Acq: 28 Jul 2017 12:47

Instrument :

BNA_F

ClientSampleId :

P-1A-4.0-4.5-072117

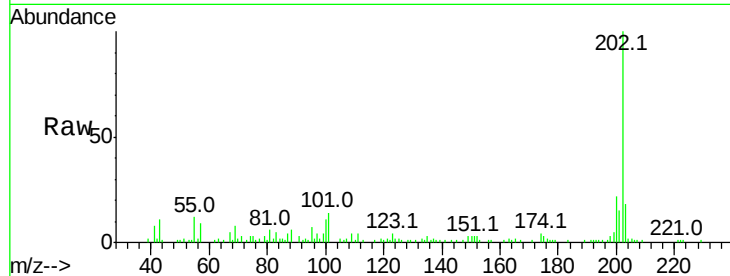
Tot Ion:202 Resp: 38533

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.2

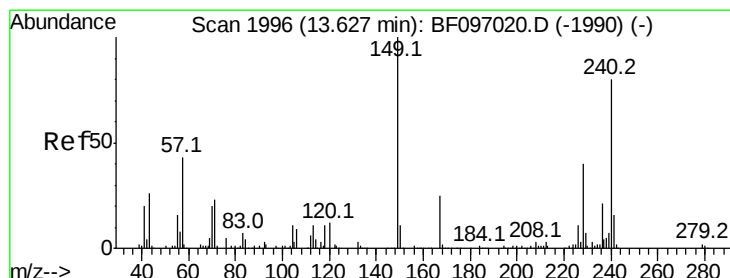
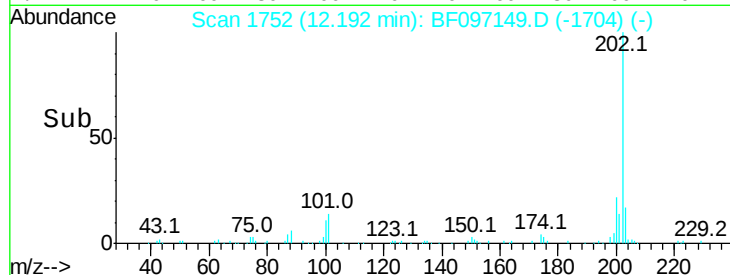
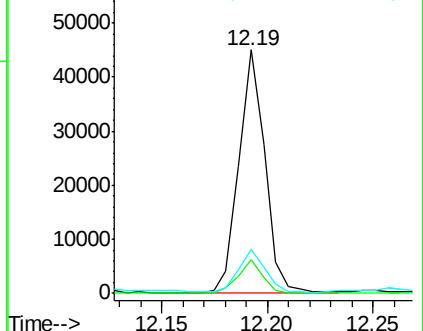
203 18.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.61 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF097149.D

Acq: 28 Jul 2017 12:47

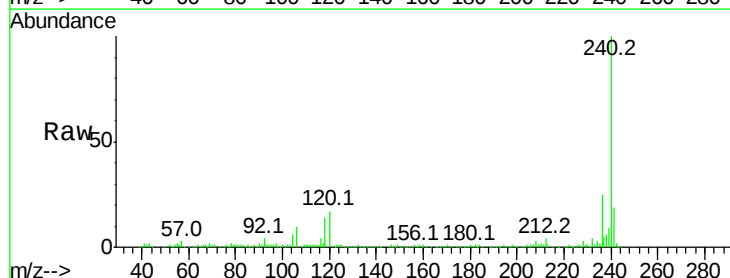
Tgt Ion:240 Resp: 214134

Ion Ratio Lower Upper

240 100

120 16.5 5.8 8.8#

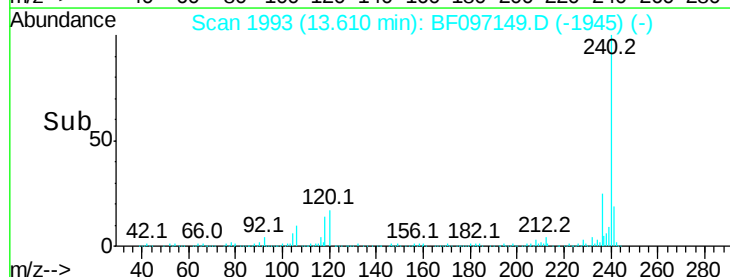
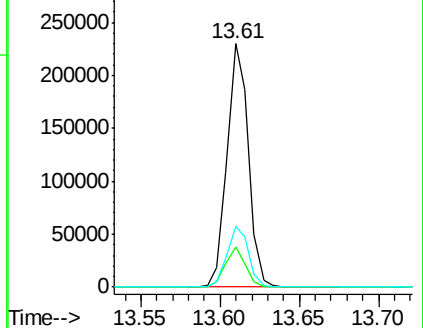
236 24.6 20.5 30.7

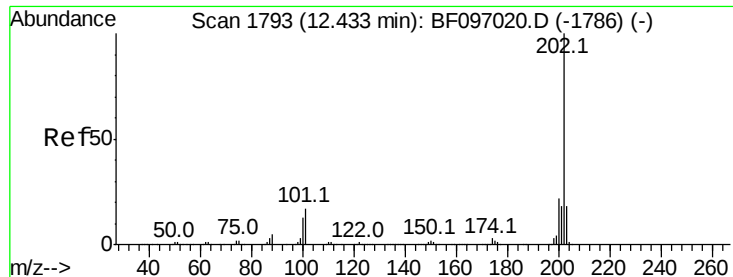


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.108 ng

RT: 12.42 min Scan# 1790

Delta R.T. -0.02 min

Lab File: BF097149.D

Acq: 28 Jul 2017 12:47

Instrument :

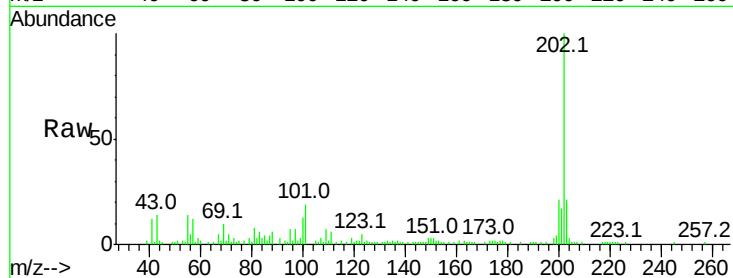
BNA_F

ClientSampleId :

P-1A-4.0-4.5-072117

Tot Ion:202 Resp: 36962

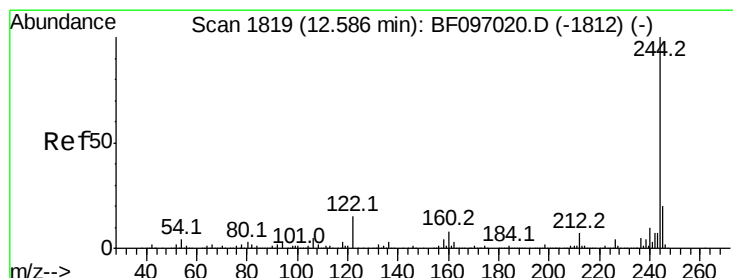
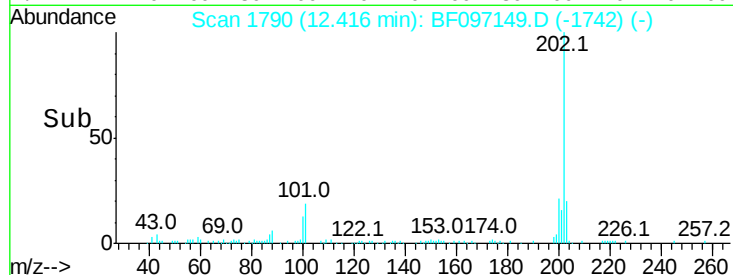
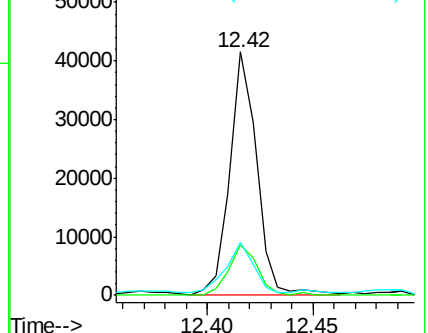
Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	21.5	14.4	21.6



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: 53.214 ng

RT: 12.57 min Scan# 1817

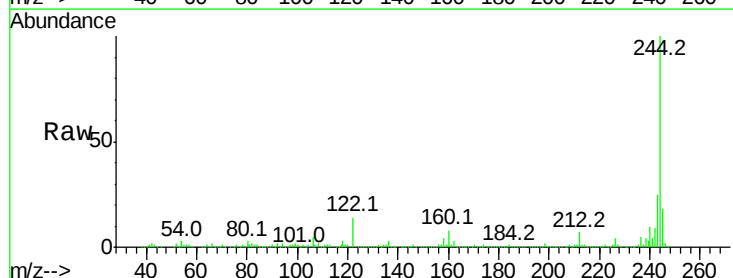
Delta R.T. -0.01 min

Lab File: BF097149.D

Acq: 28 Jul 2017 12:47

Tgt Ion:244 Resp: 558889

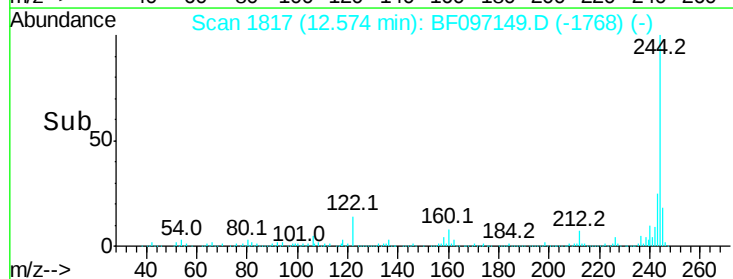
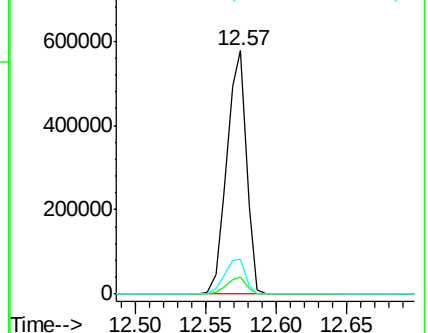
Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.5	10.3	15.5

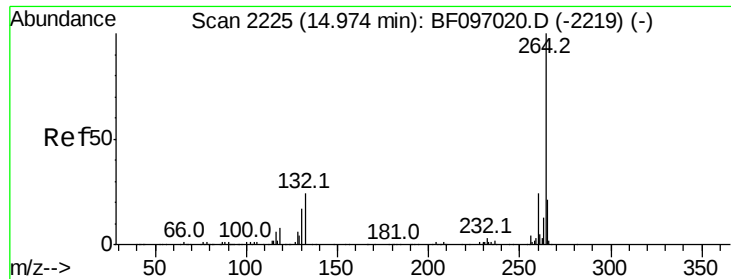


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

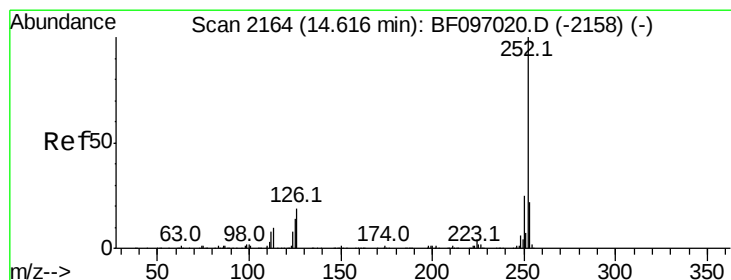
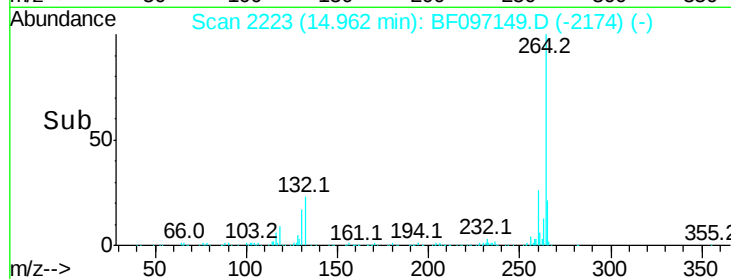
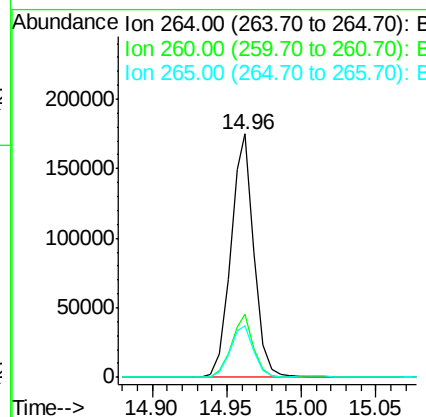
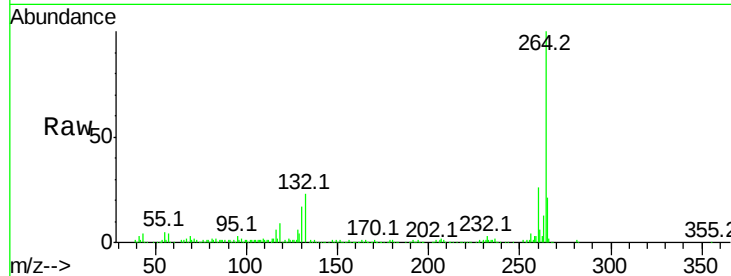




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097149.D
Acq: 28 Jul 2017 12:47

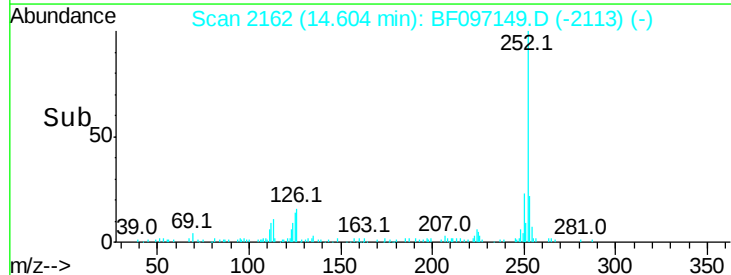
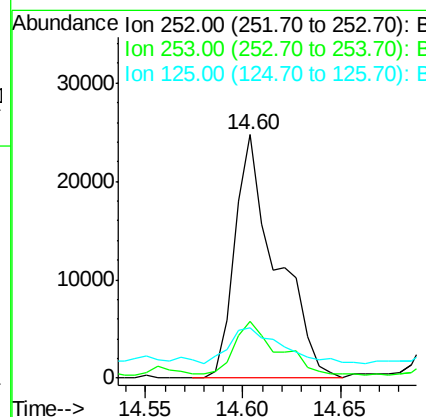
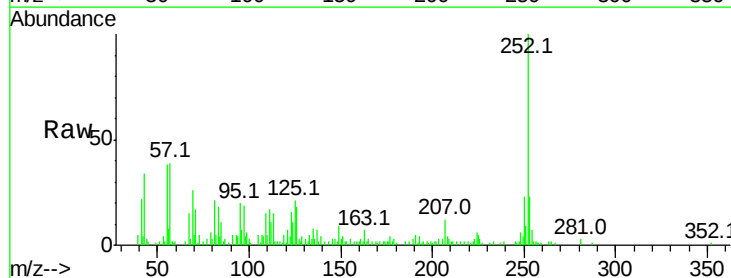
Instrument :
BNA_F
ClientSampleId :
P-1A-4.0-4.5-072117

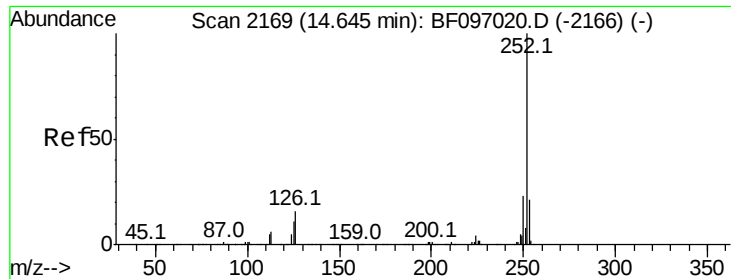
Tot Ion:264 Resp: 190435
Ion Ratio Lower Upper
264 100
260 25.7 19.5 29.3
265 21.0 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 3.191 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF097149.D
Acq: 28 Jul 2017 12:47

Tgt Ion:252 Resp: 36528
Ion Ratio Lower Upper
252 100
253 23.5 18.1 27.1
125 20.7 9.8 14.8#

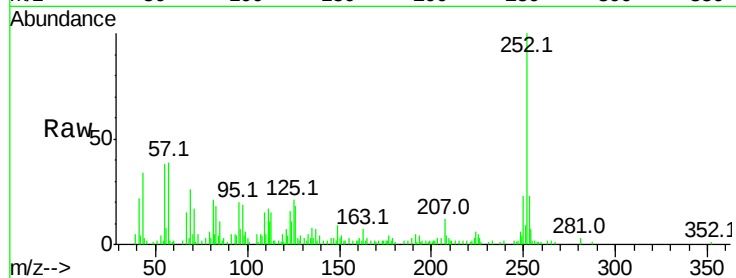




#88
 Benzo(k)fluoranthene
 Concen: 3.349 ng
 RT: 14.60 min Scan# 2162
 Delta R.T. -0.04 min
 Lab File: BF097149.D
 Acq: 28 Jul 2017 12:47

Instrument :
 BNA_F
 ClientSampleId :
 P-1A-4.0-4.5-072117

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	20.7	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

