

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104294.D
 Acq On : 6 Apr 2018 2:16
 Operator : JU/SJ
 Sample : J2227-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 03:13:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

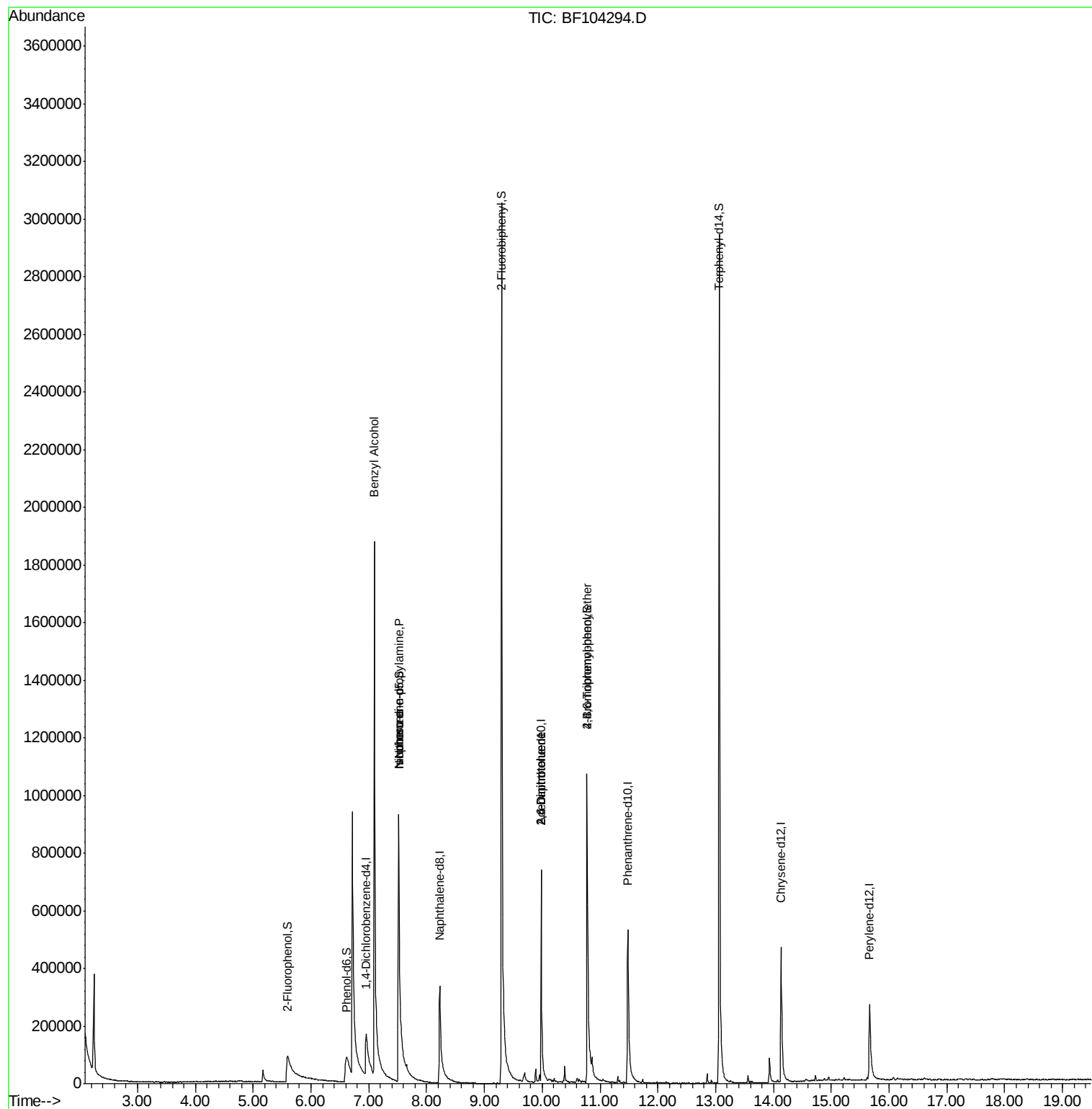
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	98444	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	460040	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	224648	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	422435	20.00	ng	0.00
75) Chrysene-d12	14.13	240	300707	20.00	ng	-0.01
86) Perylene-d12	15.66	264	231863	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	164722	26.68	ng	0.00
7) Phenol-d6	6.62	99	216030	28.44	ng	0.01
23) Nitrobenzene-d5	7.52	82	837715	111.36	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	253653	101.40	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1613976	113.29	ng	0.00
78) Terphenyl-d14	13.06	244	1426978	109.57	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.10	79	12635	2.559	ng	# 39
19) n-Nitroso-di-n-propylamine	7.52	70	91246	20.245	ng	# 73
25) Isophorone	7.52	82	850779	61.370	ng	# 64
50) 2,6-Dinitrotoluene	9.98	165	26110	6.842	ng	# 25
56) 2,4-Dinitrotoluene	9.98	165	26882	5.521	ng	# 22
66) 4-Bromophenyl-phenylether	10.78	248	15660	3.465	ng	# 1

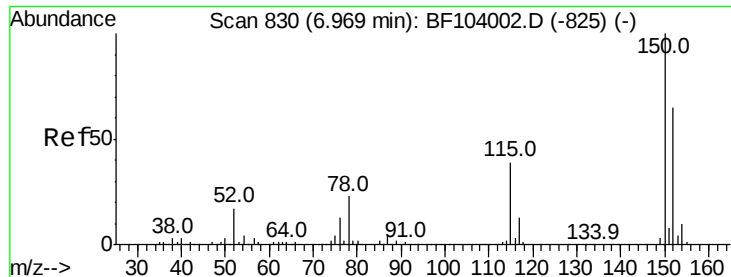
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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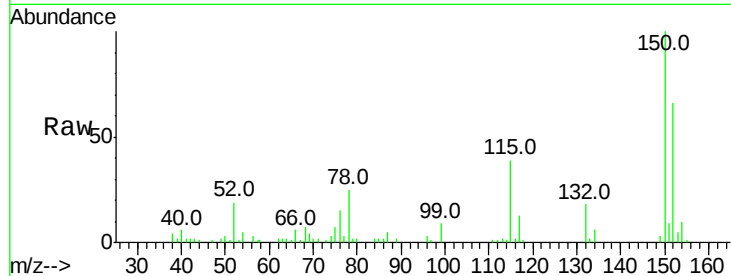


#1

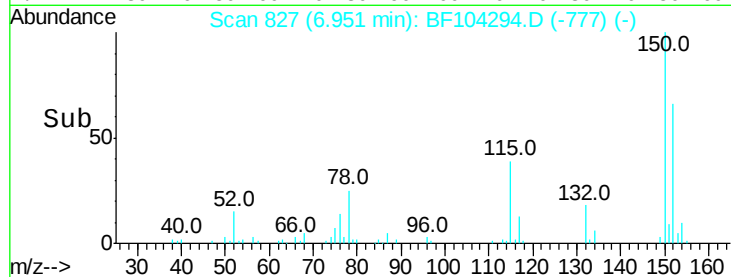
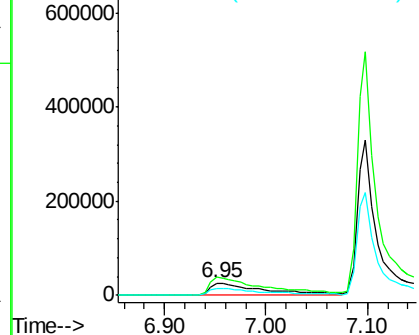
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104294.D
Acq: 6 Apr 2018 2:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98444
Ion Ratio Lower Upper
152 100
150 150.5 124.6 186.8
115 59.3 50.1 75.1



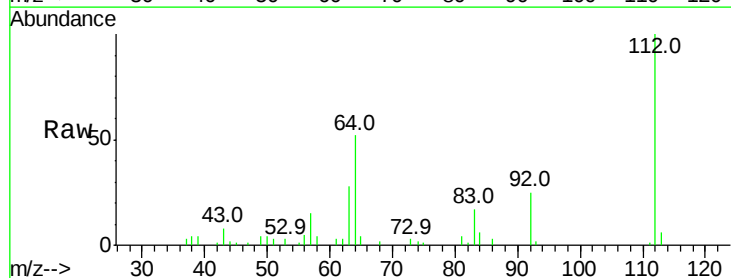
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



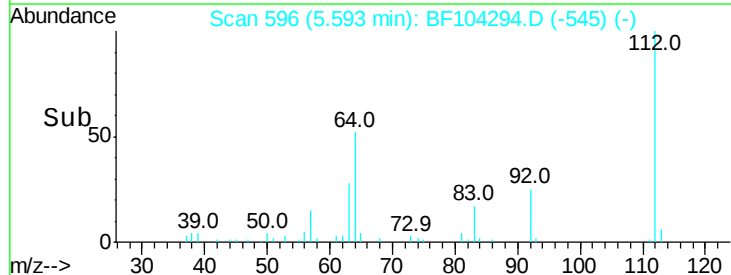
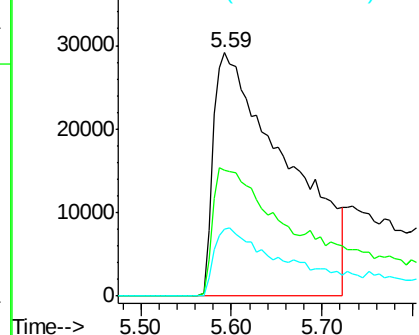
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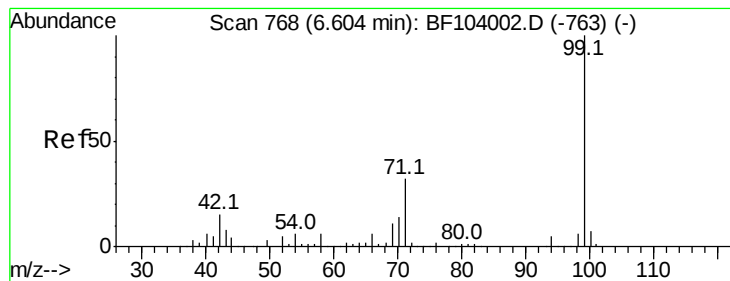
2-Fluorophenol
Concen: 26.684 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF104294.D
Acq: 6 Apr 2018 2:16

Tgt Ion:112 Resp: 164722
Ion Ratio Lower Upper
112 100
64 51.5 47.9 71.9
63 27.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 28.445 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF104294.D

Acq: 6 Apr 2018 2:16

Instrument :

BNA_F

ClientSampleId :

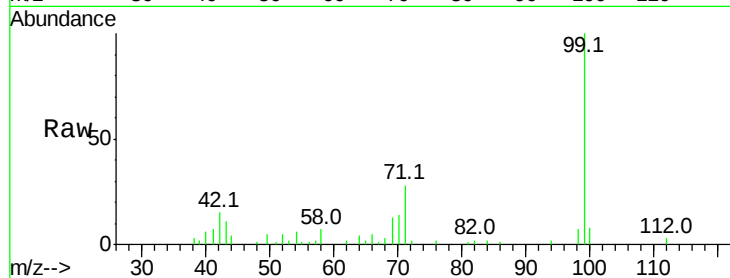
Tot Ion: 99 Resp: 216030

Ion Ratio Lower Upper

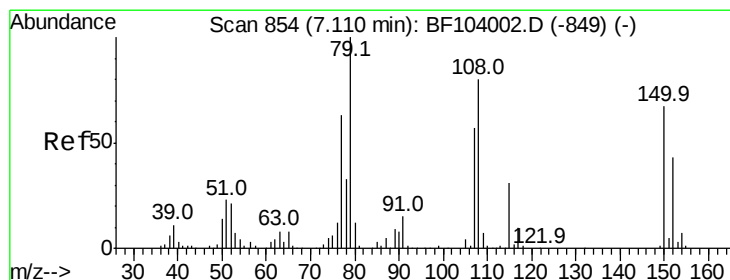
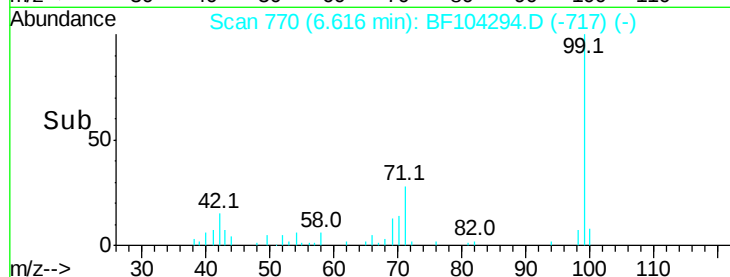
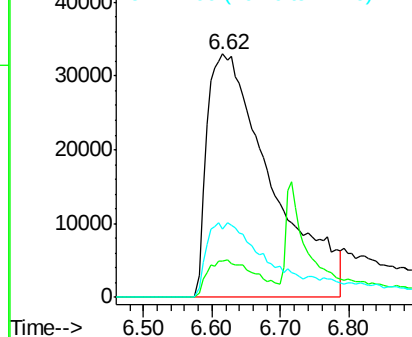
99 100

42 14.8 14.5 21.7

71 28.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#15

Benzyl Alcohol

Concen: 2.559 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF104294.D

Acq: 6 Apr 2018 2:16

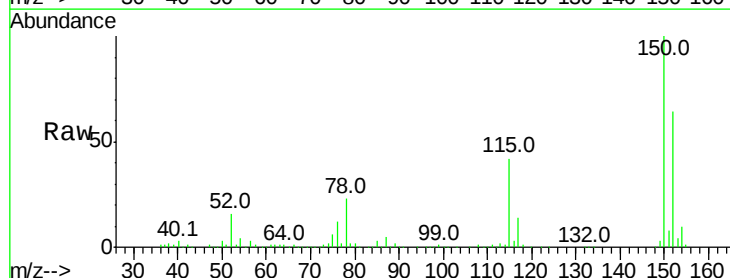
Tgt Ion: 79 Resp: 12635

Ion Ratio Lower Upper

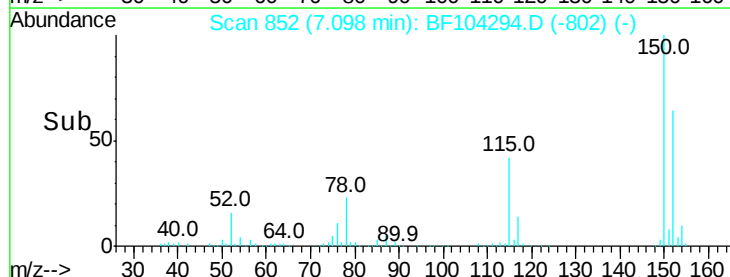
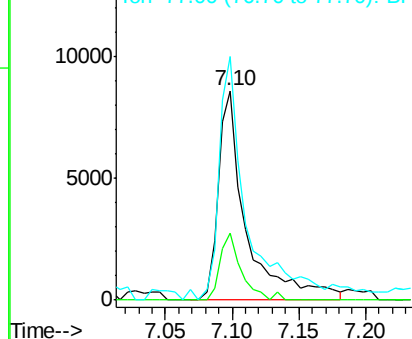
79 100

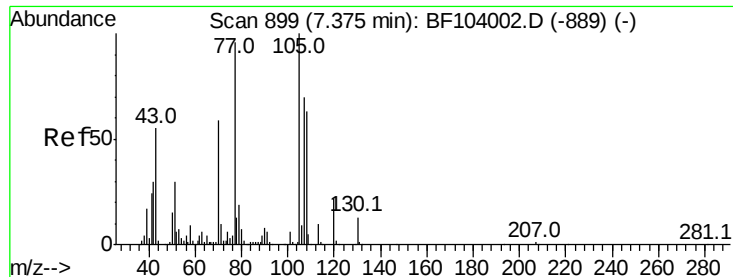
108 32.2 65.1 97.7#

77 116.3 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

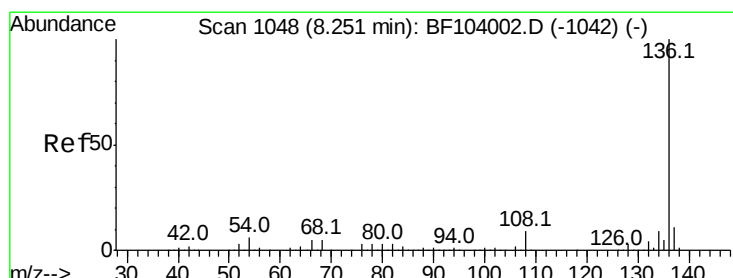
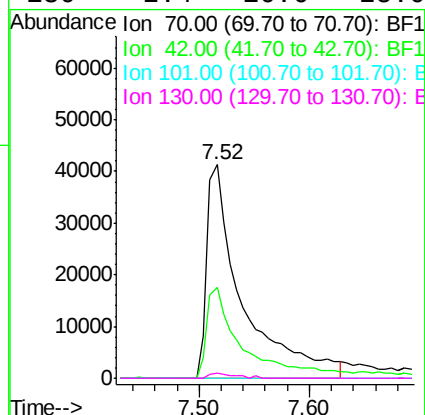
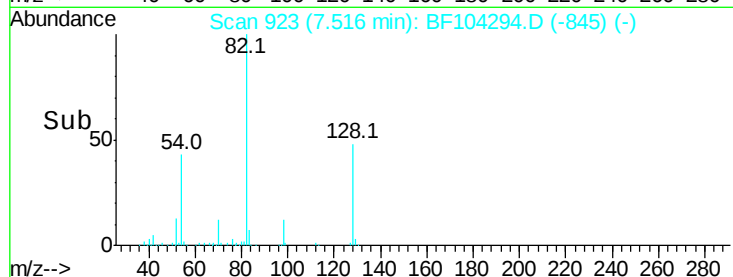
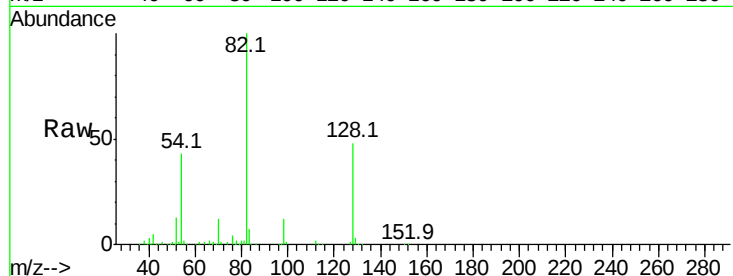




#19
n-Nitroso-di-n-propylamine
Concen: 20.245 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.16 min
Lab File: BF104294.D
Acq: 6 Apr 2018 2:16

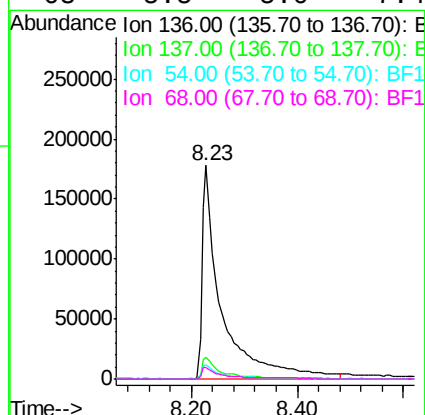
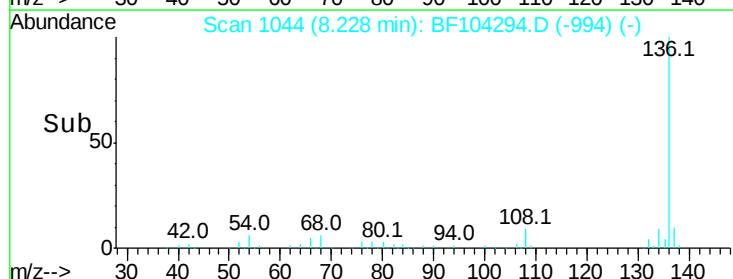
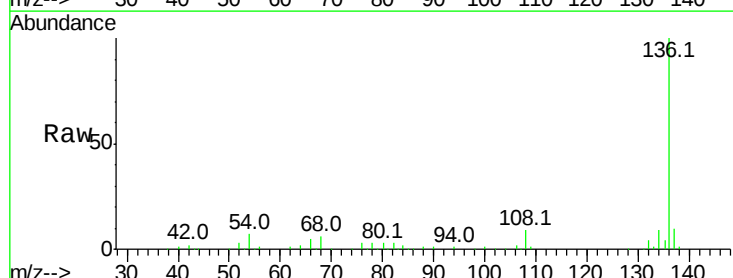
Instrument :
BNA_F
ClientSampleId :

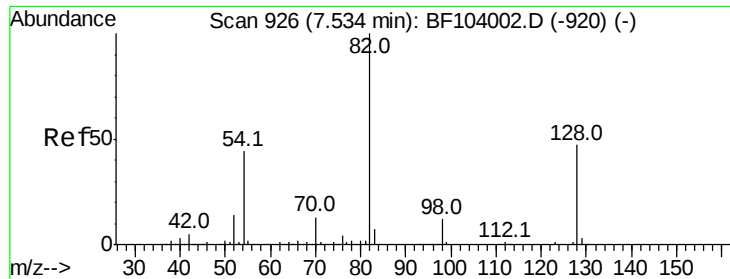
Tot Ion: 70 Resp: 91246
Ion Ratio Lower Upper
70 100
42 42.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF104294.D
Acq: 6 Apr 2018 2:16

Tgt Ion: 136 Resp: 460040
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 6.8 6.6 9.8
68 5.5 5.0 7.4

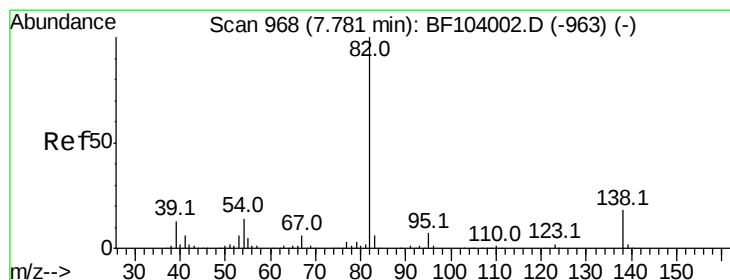
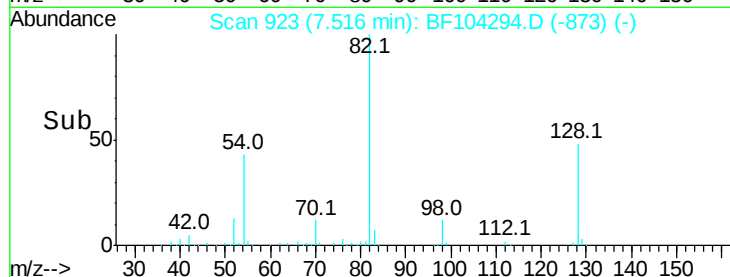
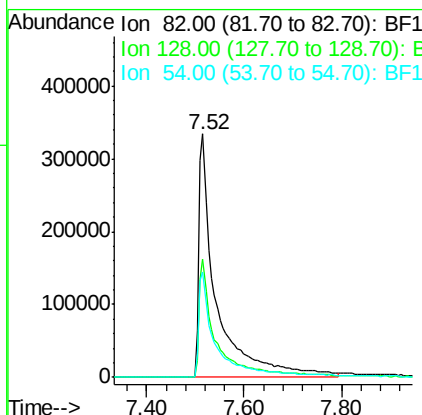
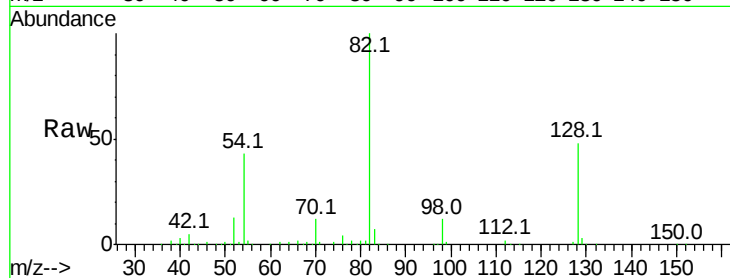




#23
 Nitrobenzene-d5
 Concen: 111.362 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF104294.D
 Acq: 6 Apr 2018 2:16

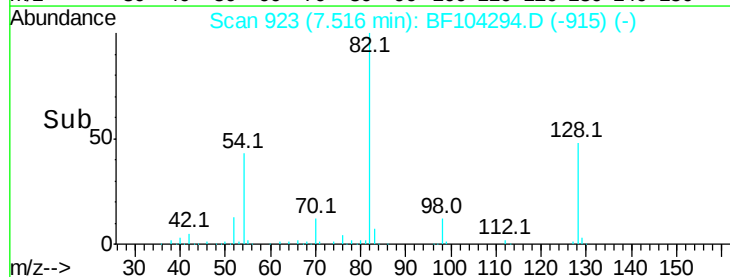
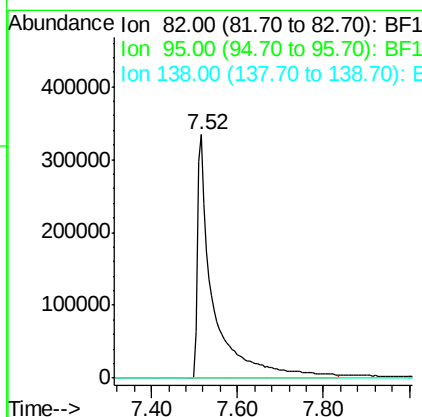
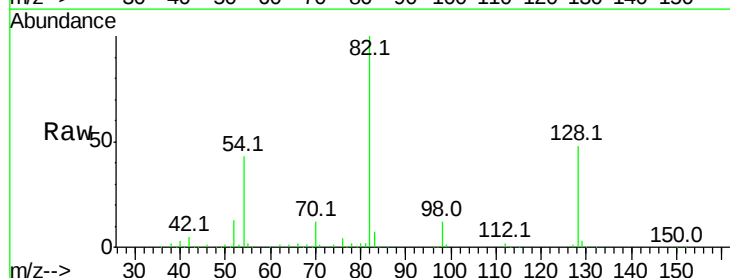
Instrument :
 BNA_F
 ClientSampleId :

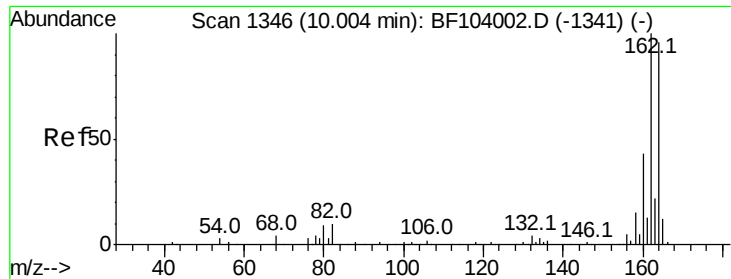
Tot Ion: 82 Resp: 837715
 Ion Ratio Lower Upper
 82 100
 128 48.3 36.1 54.1
 54 43.1 41.4 62.2



#25
 Isophorone
 Concen: 61.370 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.25 min
 Lab File: BF104294.D
 Acq: 6 Apr 2018 2:16

Tgt Ion: 82 Resp: 850779
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

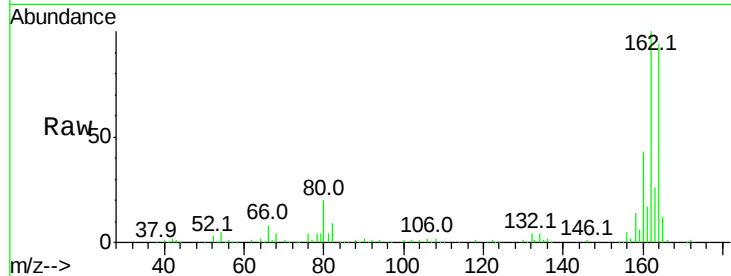




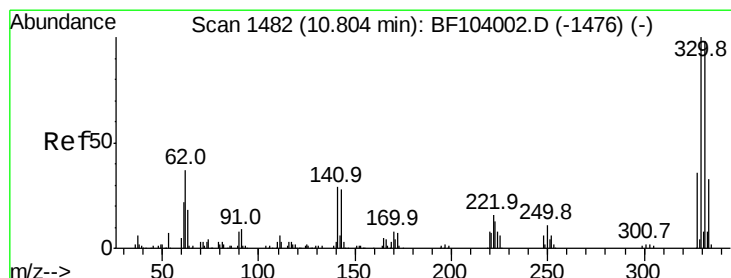
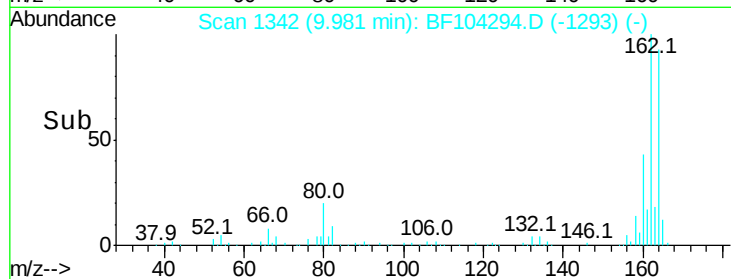
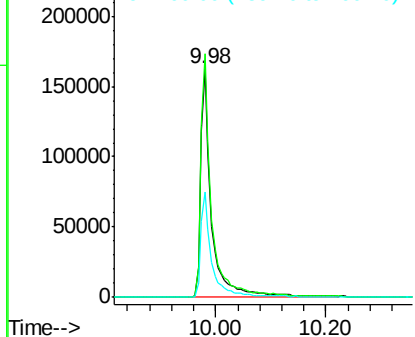
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF104294.D
 Acq: 6 Apr 2018 2:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 224648
 Ion Ratio Lower Upper
 164 100
 162 106.5 86.1 129.1
 160 46.0 38.3 57.5

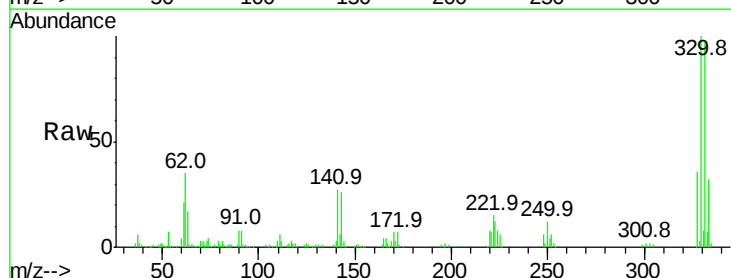


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

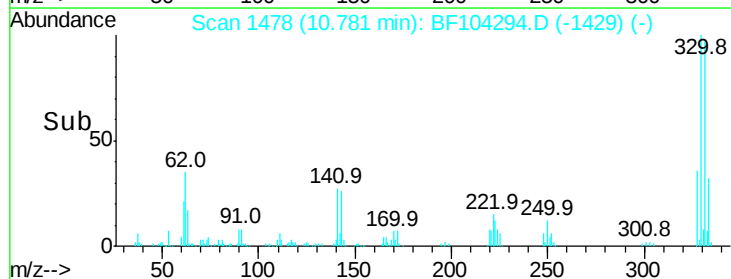
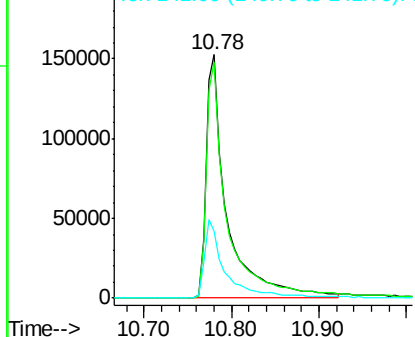


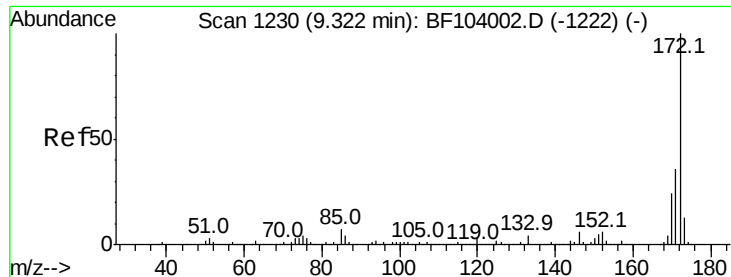
#41
 2,4,6-Tribromophenol
 Concen: 101.402 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF104294.D
 Acq: 6 Apr 2018 2:16

Tgt Ion:330 Resp: 253653
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.0 115.6
 141 32.9 29.9 44.9



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



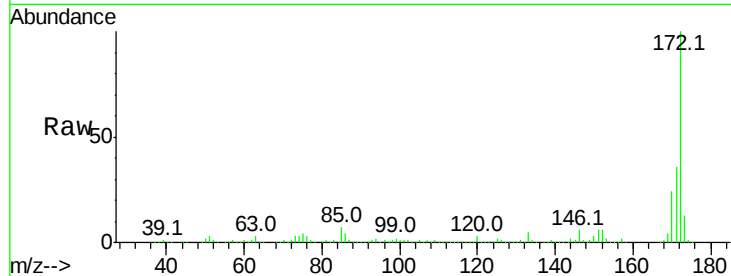


#44
 2-Fluorobiphenyl
 Concen: 113.293 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF104294.D
 Acq: 6 Apr 2018 2:16

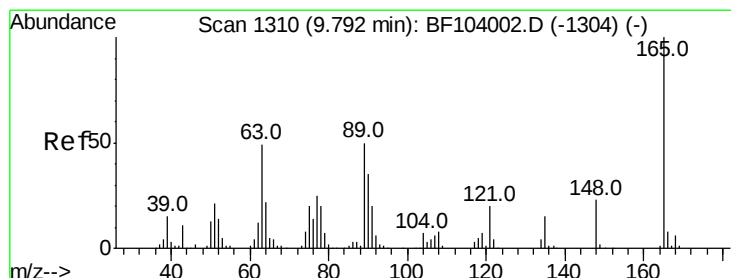
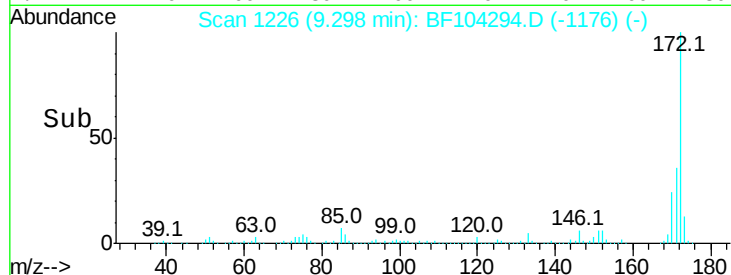
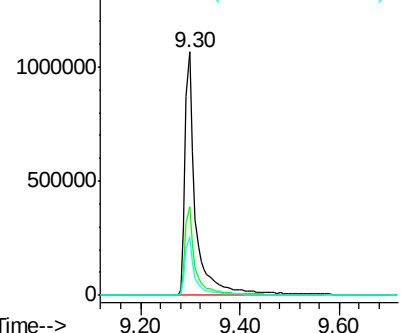
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1613976

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.8	19.6	29.4



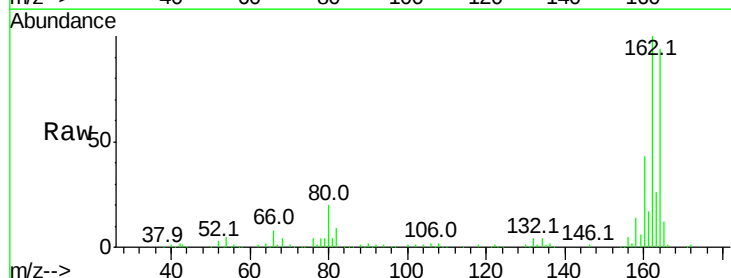
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



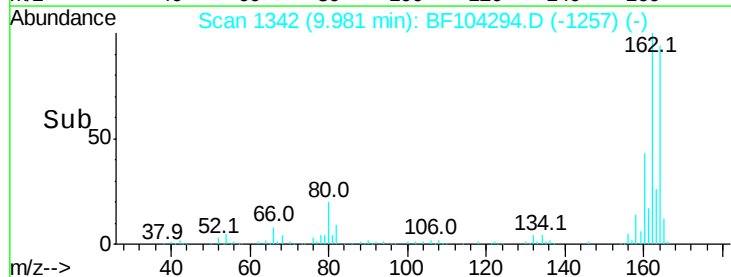
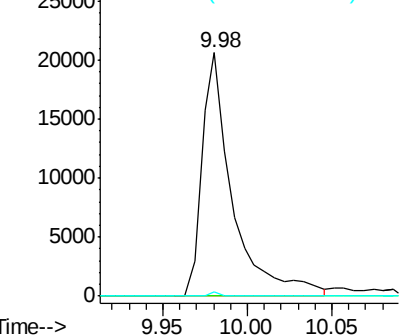
#50
 2,6-Dinitrotoluene
 Concen: 6.842 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.20 min
 Lab File: BF104294.D
 Acq: 6 Apr 2018 2:16

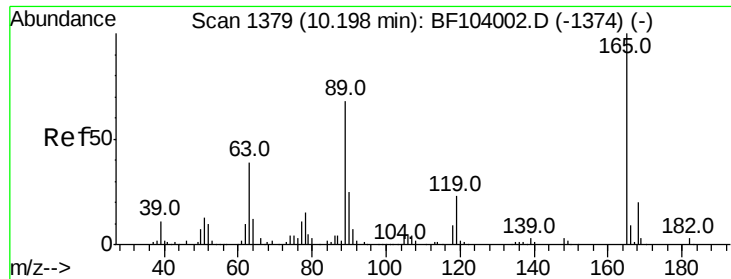
Tgt Ion:165 Resp: 26110

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.5	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

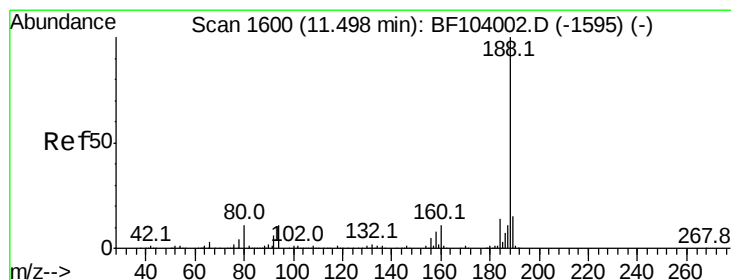
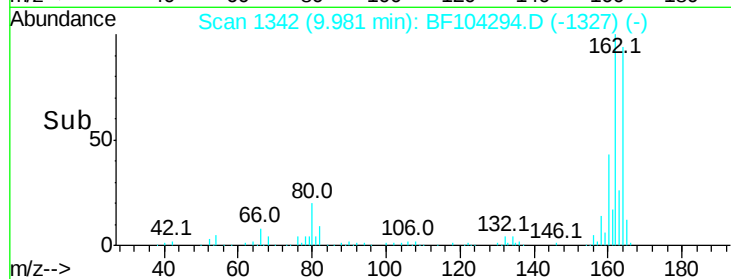
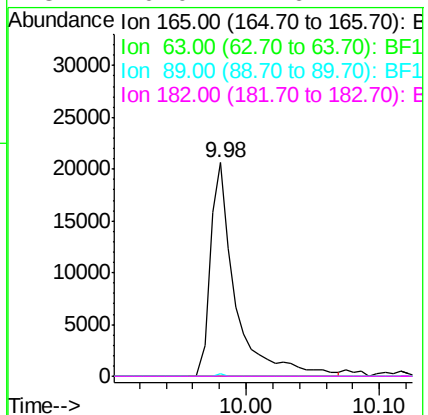
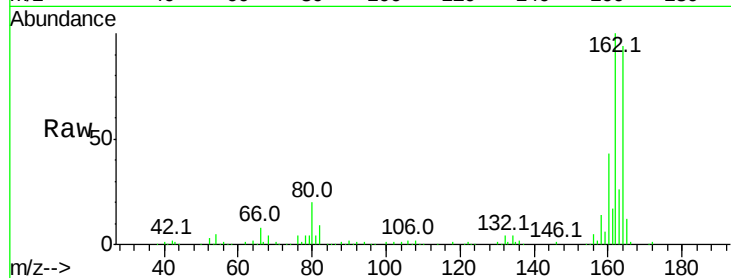




#56
 2,4-Dinitrotoluene
 Concen: 5.521 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF104294.D
 Acq: 6 Apr 2018 2:16

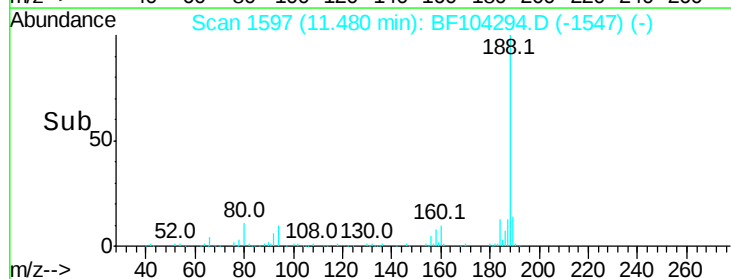
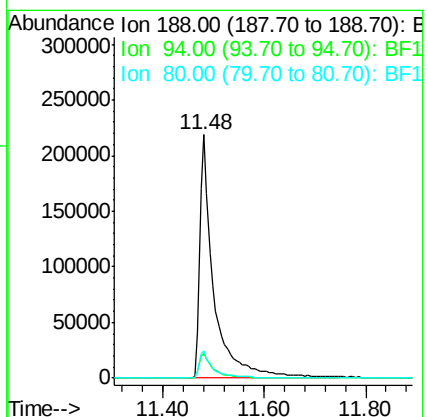
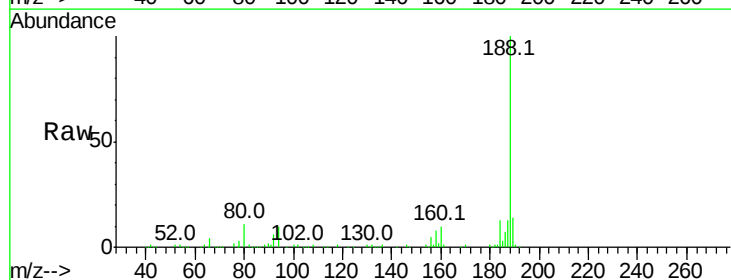
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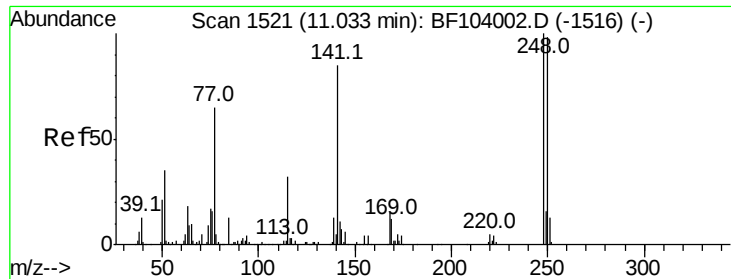
Tot Ion:165 Resp: 26882
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF104294.D
 Acq: 6 Apr 2018 2:16

Tgt Ion:188 Resp: 422435
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.5 12.7
 80 11.2 9.2 13.8

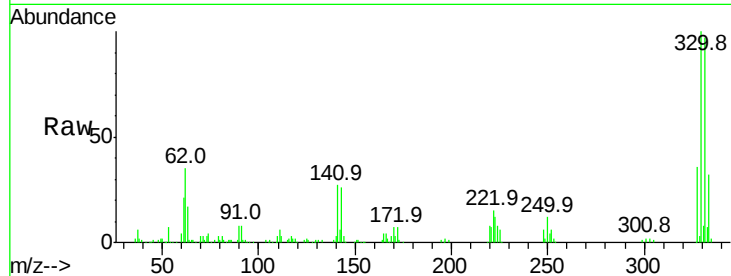




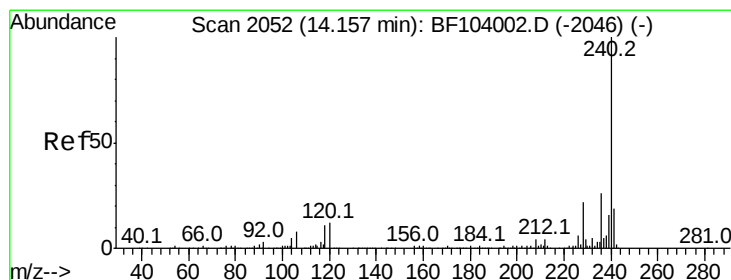
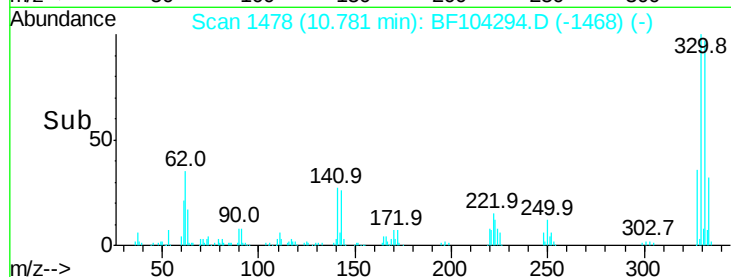
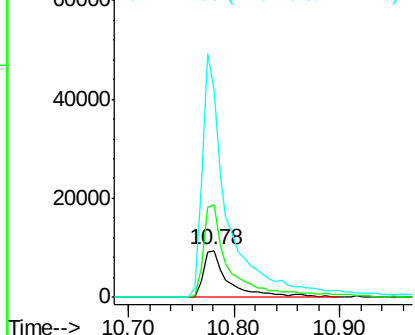
#66
 4-Bromophenyl-phenylether
 Concen: 3.465 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF104294.D
 Acq: 6 Apr 2018 2:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 15660
 Ion Ratio Lower Upper
 248 100
 250 198.2 76.9 115.3#
 141 442.4 74.4 111.6#

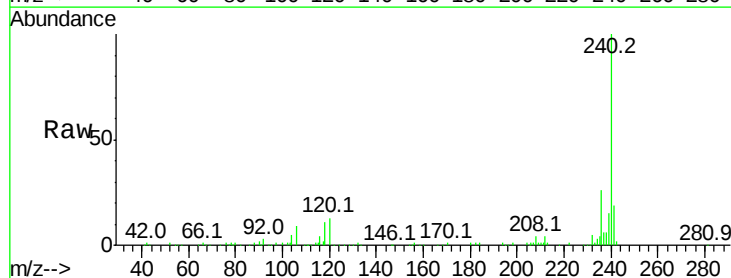


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

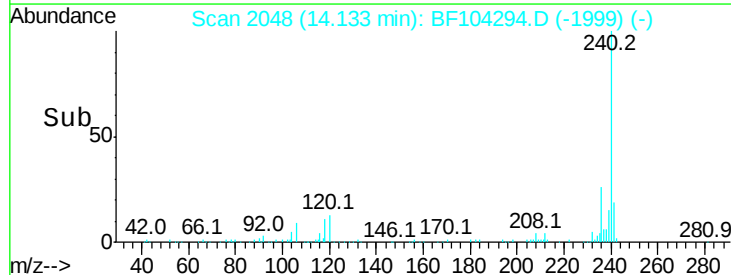
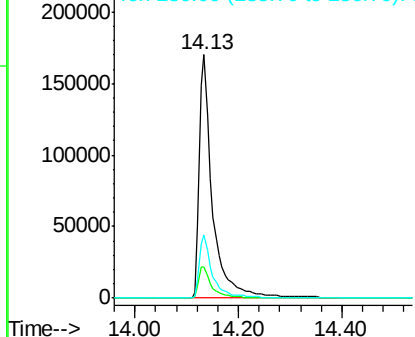


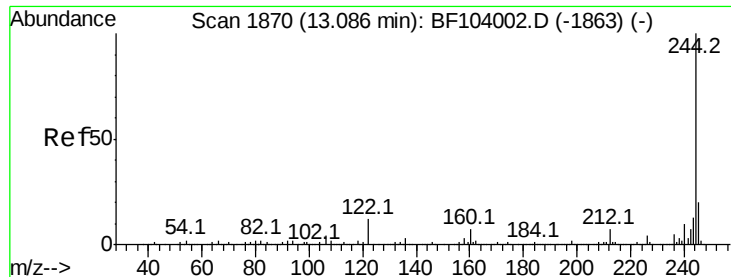
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF104294.D
 Acq: 6 Apr 2018 2:16

Tgt Ion:240 Resp: 300707
 Ion Ratio Lower Upper
 240 100
 120 13.0 9.5 14.3
 236 26.2 20.7 31.1



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: 109.569 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104294.D

Acq: 6 Apr 2018 2:16

Instrument :

BNA_F

ClientSampled :

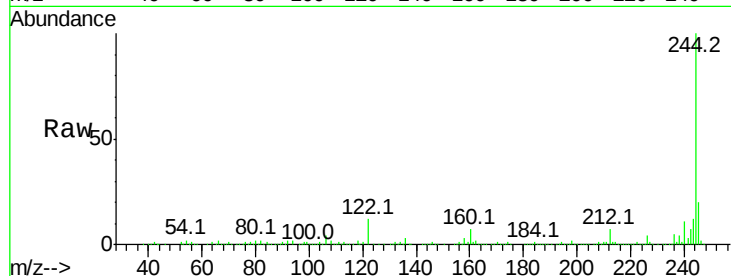
Tot Ion:244 Resp: 1426978

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

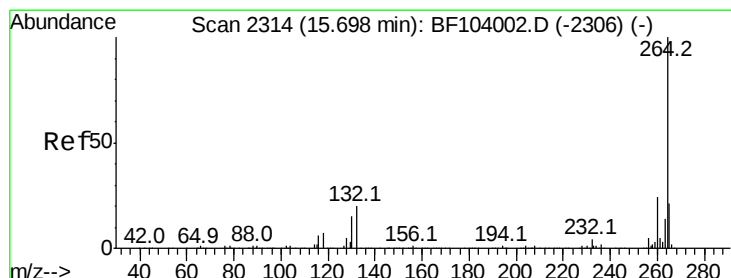
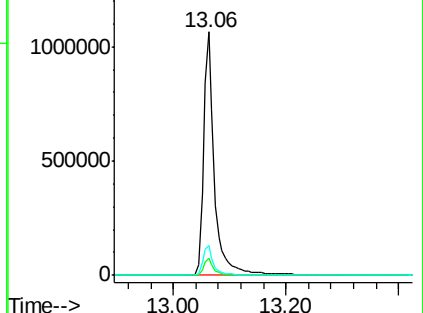
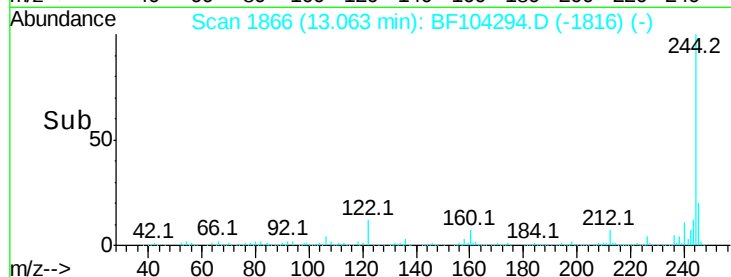
122 12.3 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. -0.02 min

Lab File: BF104294.D

Acq: 6 Apr 2018 2:16

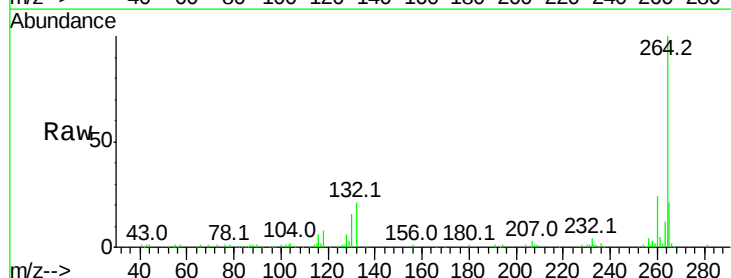
Tgt Ion:264 Resp: 231863

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.0 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

