

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104087.D
 Acq On : 30 Mar 2018 8:21
 Operator : JU/SJ
 Sample : J2113-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 11:17:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

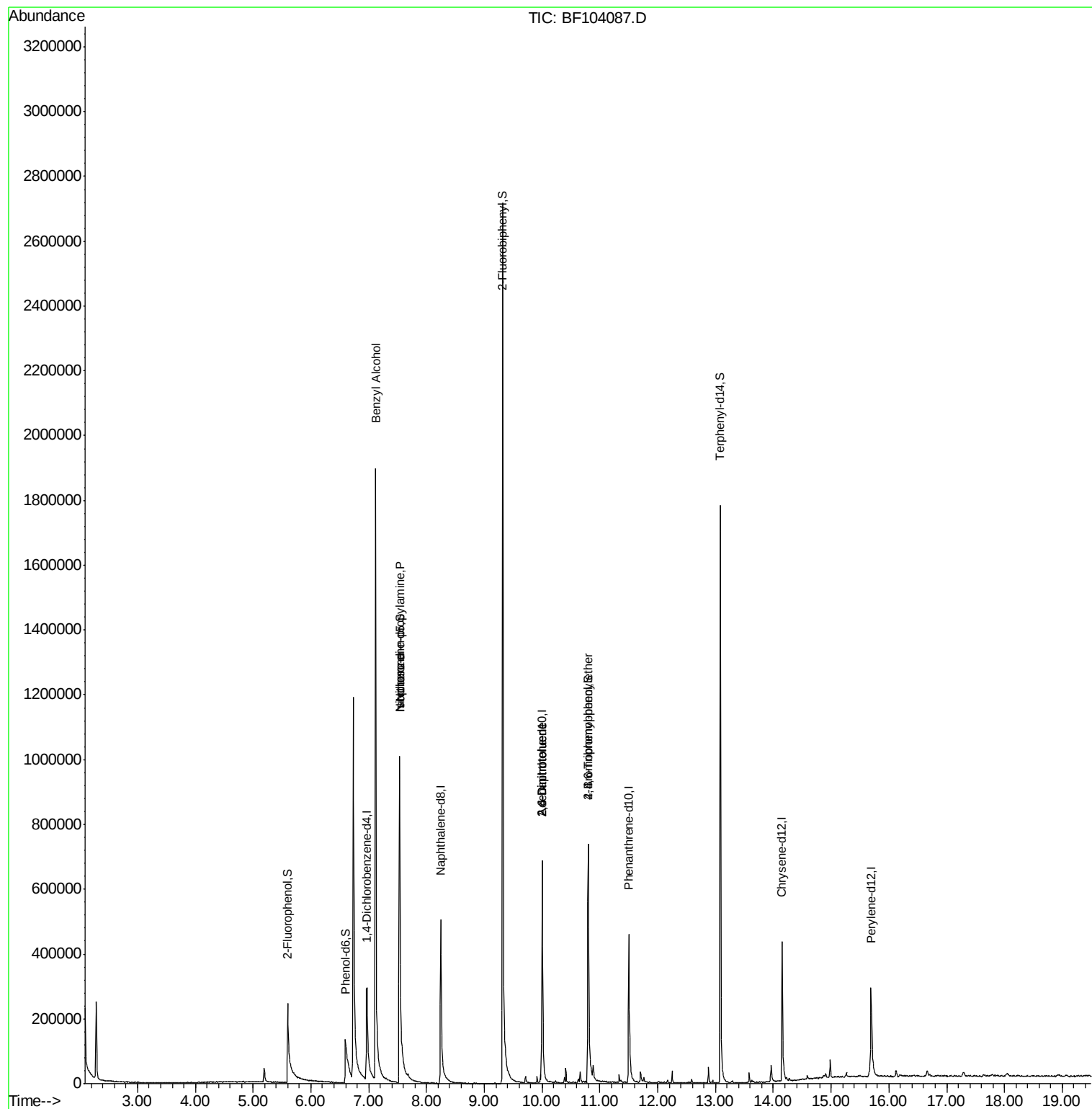
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	102184	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	435517	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	181220	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	271925	20.00	ng	0.00
75) Chrysene-d12	14.15	240	220225	20.00	ng	0.00
86) Perylene-d12	15.70	264	195677	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	221124	34.51	ng	0.00
7) Phenol-d6	6.60	99	201487	25.56	ng	0.00
23) Nitrobenzene-d5	7.53	82	655988	92.11	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	149269	73.97	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1236820	107.62	ng	0.00
78) Terphenyl-d14	13.09	244	786792	82.49	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.12	79	10334	2.016	ng	# 30
19) n-Nitroso-di-n-propylamine	7.53	70	77285	16.520	ng	# 71
25) Isophorone	7.53	82	659993	50.288	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	22967	7.461	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	23410	5.960	ng	# 23
66) 4-Bromophenyl-phenylether	10.80	248	8603	2.957	ng	# 1

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

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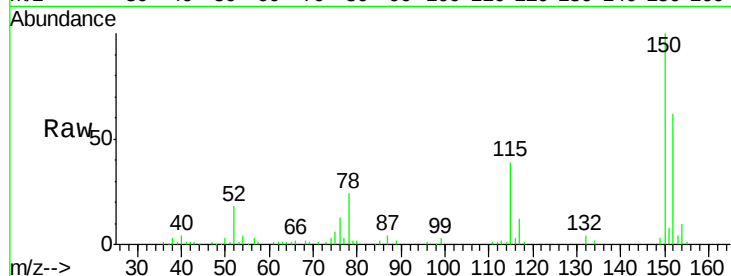


#1

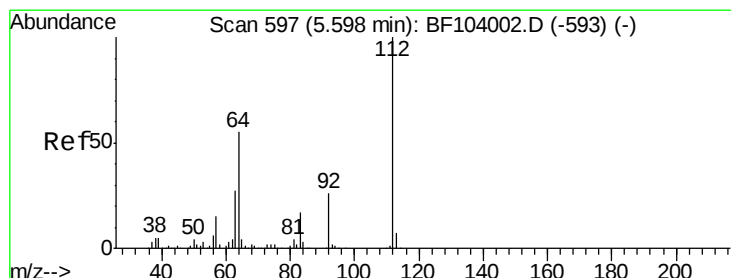
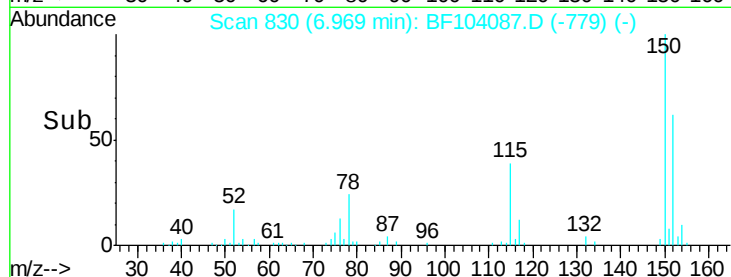
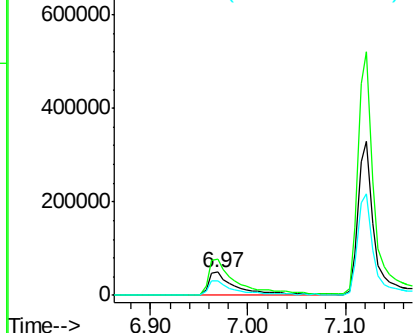
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104087.D
Acq: 30 Mar 2018 8:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	62.9	50.1	75.1



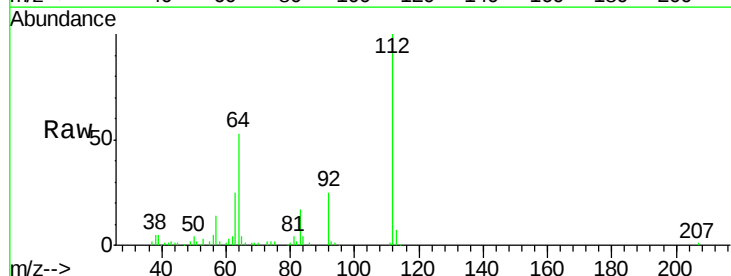
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



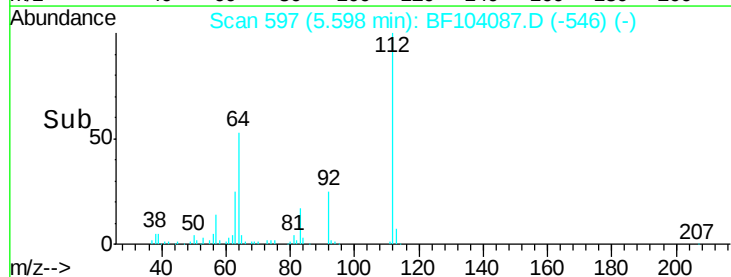
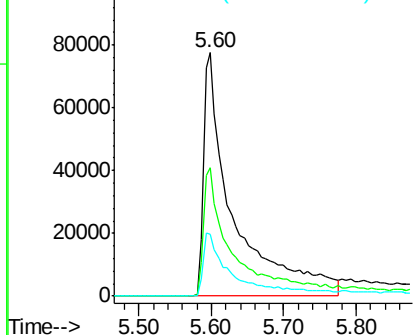
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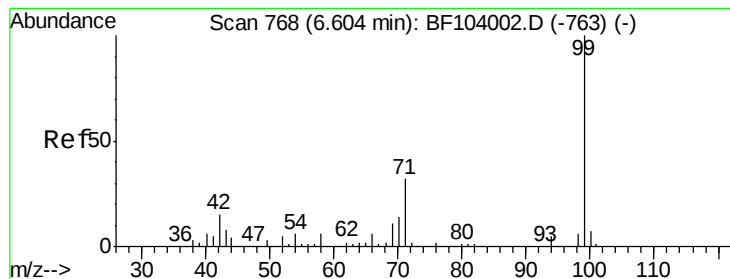
2-Fluorophenol
Concen: 34.510 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104087.D
Acq: 30 Mar 2018 8:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	47.9	71.9
63	25.2	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: 25.559 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104087.D

Acq: 30 Mar 2018 8:21

Instrument :

BNA_F

ClientSampleId :

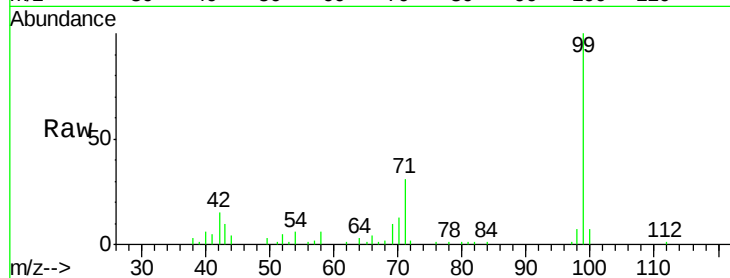
Tot Ion: 99 Resp: 201487

Ion Ratio Lower Upper

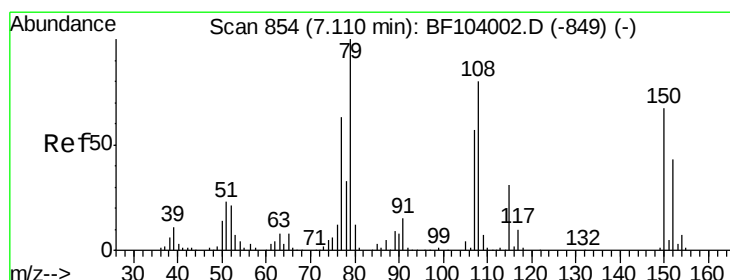
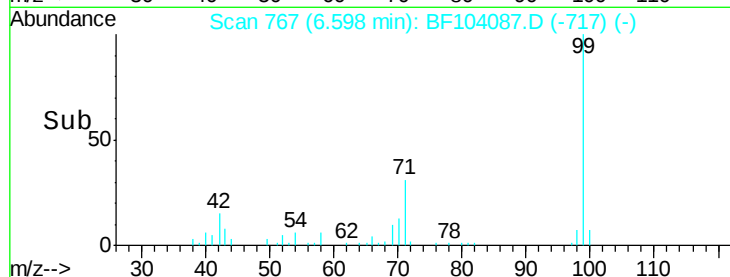
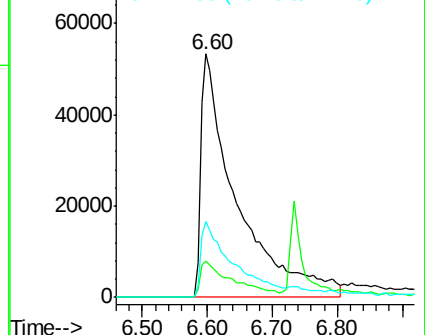
99 100

42 15.0 14.5 21.7

71 31.2 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: 2.016 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF104087.D

Acq: 30 Mar 2018 8:21

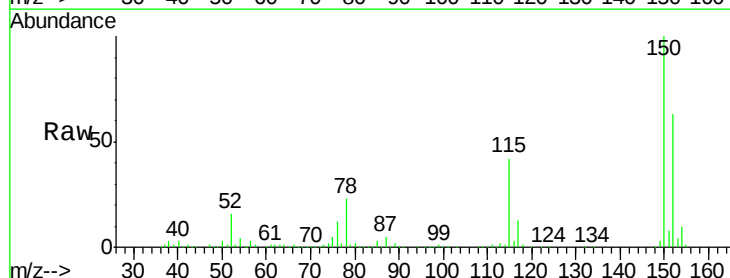
Tgt Ion: 79 Resp: 10334

Ion Ratio Lower Upper

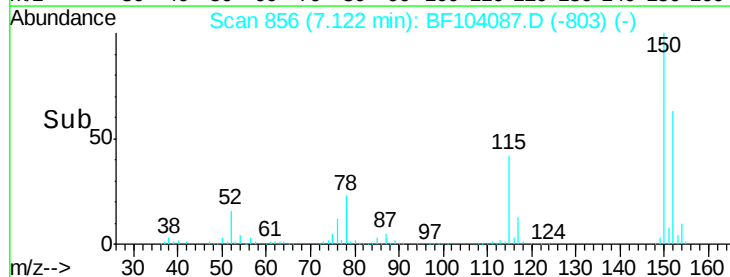
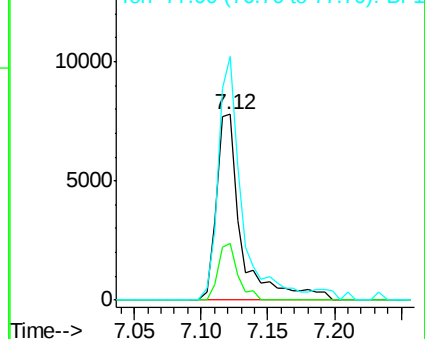
79 100

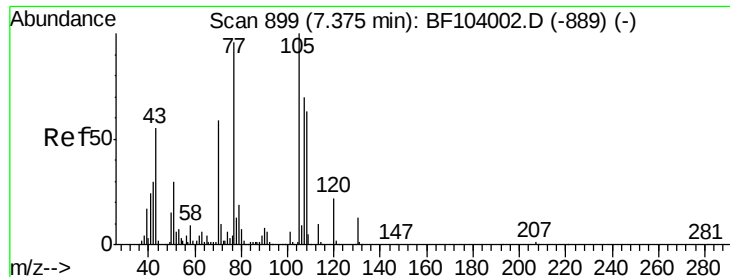
108 30.8 65.1 97.7#

77 131.2 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

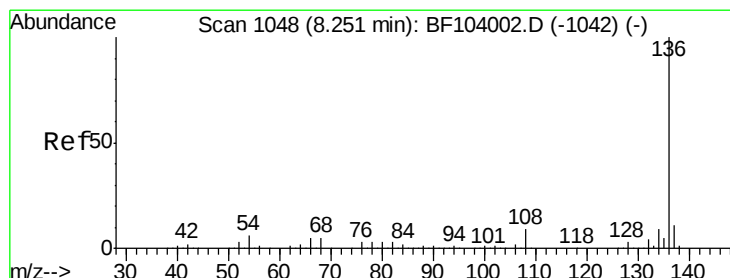
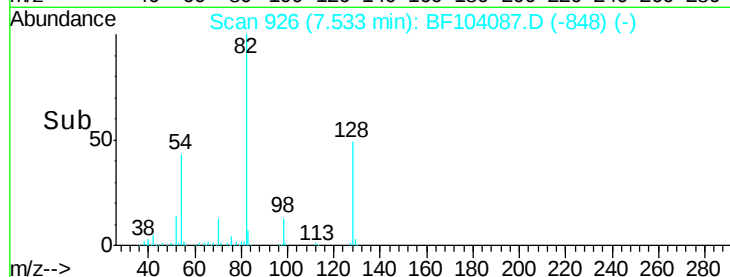
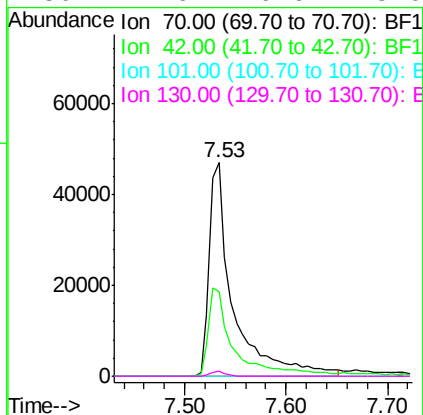
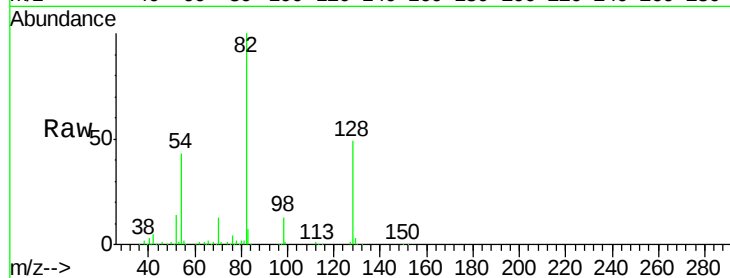




#19
n-Nitroso-di-n-propylamine
Concen: 16.520 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.16 min
Lab File: BF104087.D
Acq: 30 Mar 2018 8:21

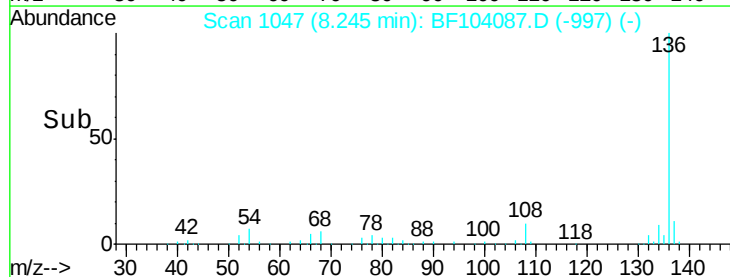
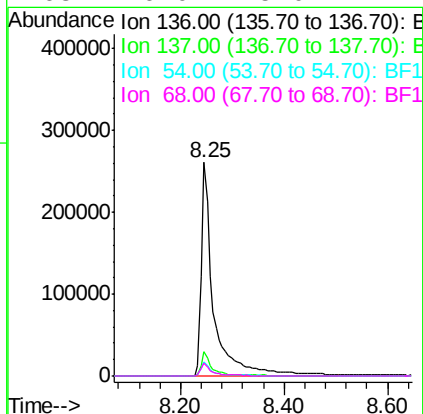
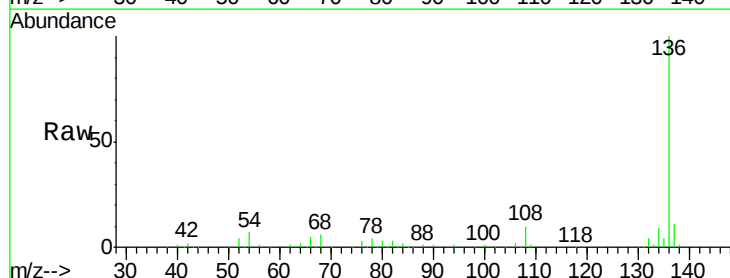
Instrument :
BNA_F
ClientSampleId :

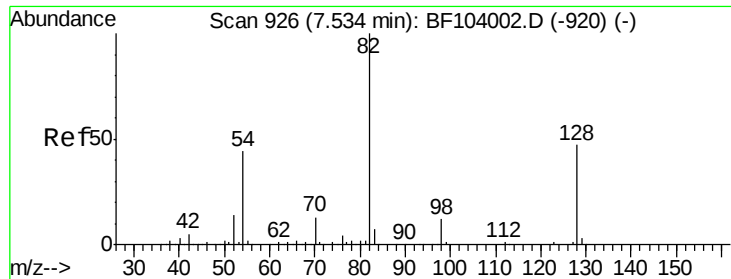
Tot Ion: 70 Resp: 77285
Ion Ratio Lower Upper
70 100
42 39.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104087.D
Acq: 30 Mar 2018 8:21

Tgt Ion:136 Resp: 435517
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.7 6.6 9.8
68 6.0 5.0 7.4

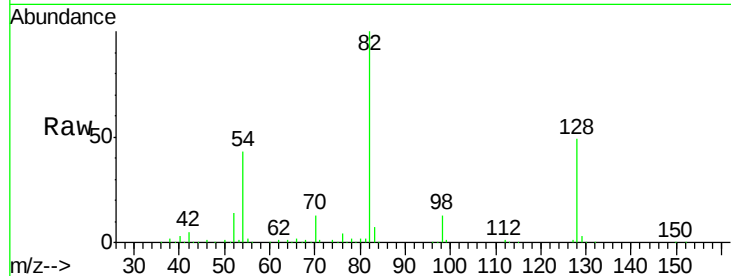




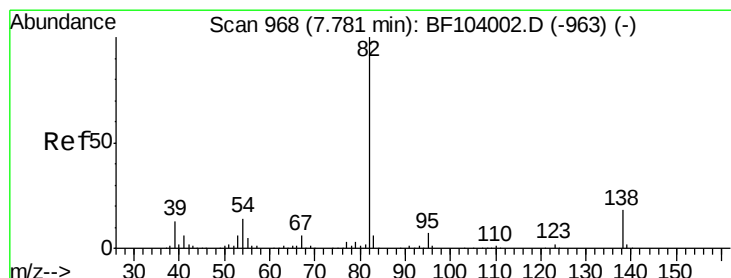
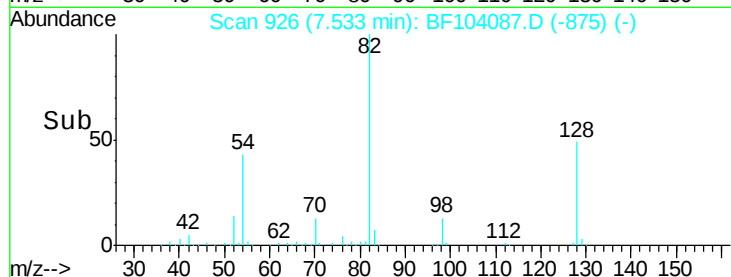
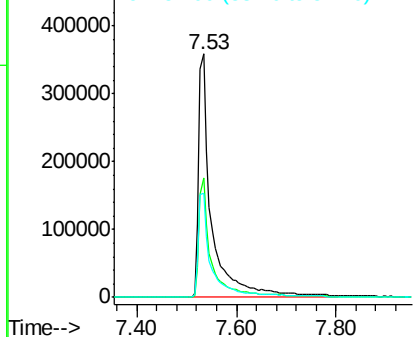
#23
Nitrobenzene-d5
Concen: 92.114 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF104087.D
Acq: 30 Mar 2018 8:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	655988
Ion Ratio	Lower	Upper	
82	100		
128	48.8	36.1	54.1
54	42.8	41.4	62.2

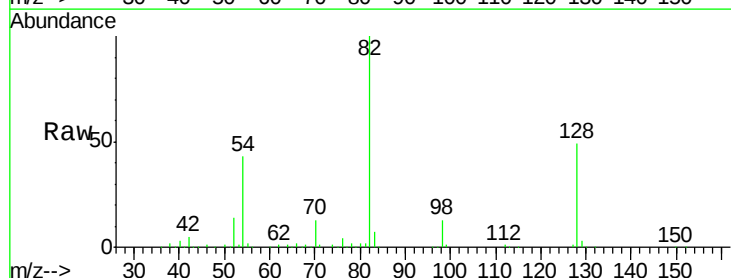


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

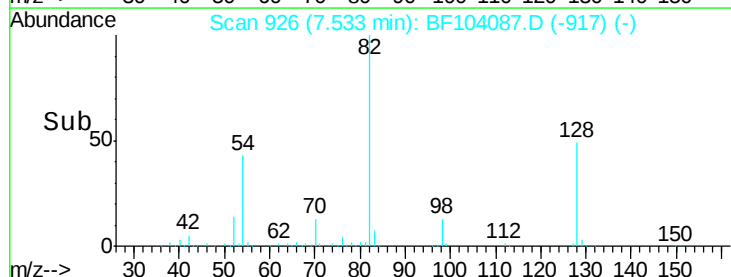
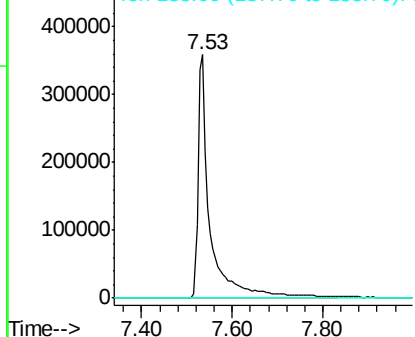


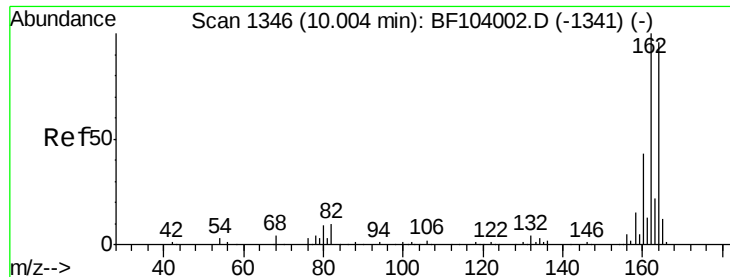
#25
Isophorone
Concen: 50.288 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF104087.D
Acq: 30 Mar 2018 8:21

Tgt Ion	82	Resp	659993
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

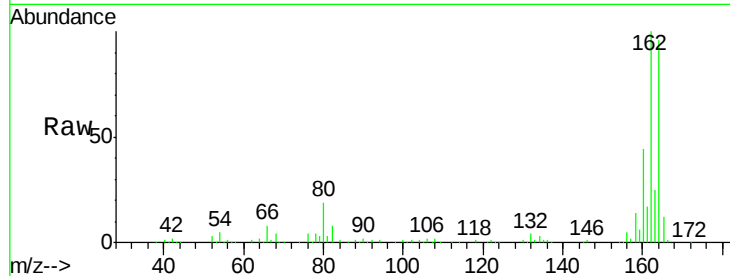




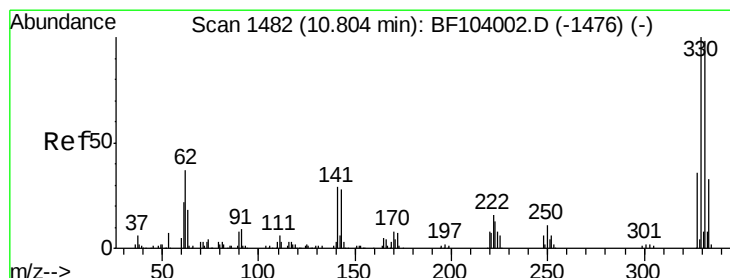
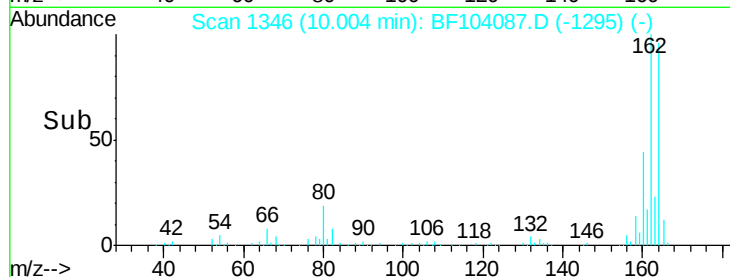
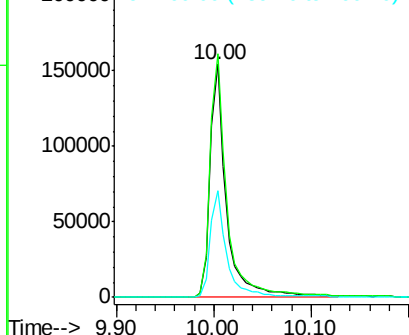
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF104087.D
 Acq: 30 Mar 2018 8:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 181220
 Ion Ratio Lower Upper
 164 100
 162 104.3 86.1 129.1
 160 46.0 38.3 57.5

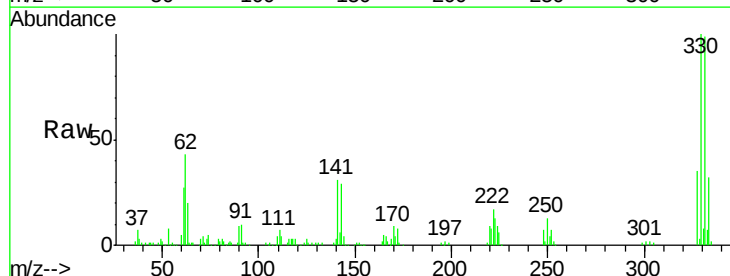


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

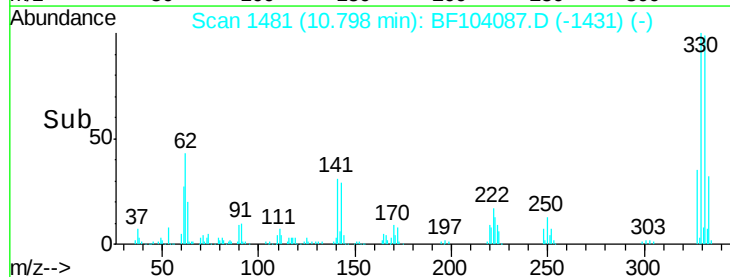
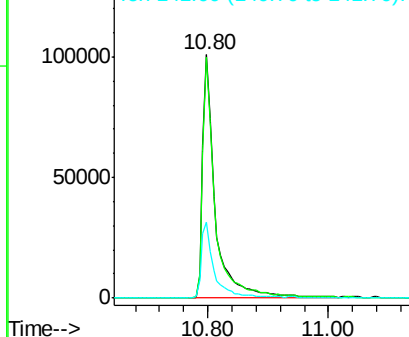


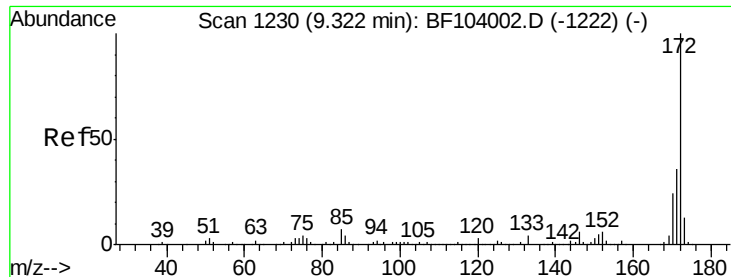
#41
 2,4,6-Tribromophenol
 Concen: 73.973 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104087.D
 Acq: 30 Mar 2018 8:21

Tgt Ion:330 Resp: 149269
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.0 115.6
 141 31.8 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



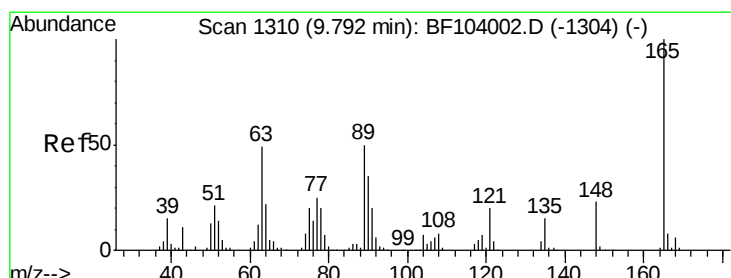
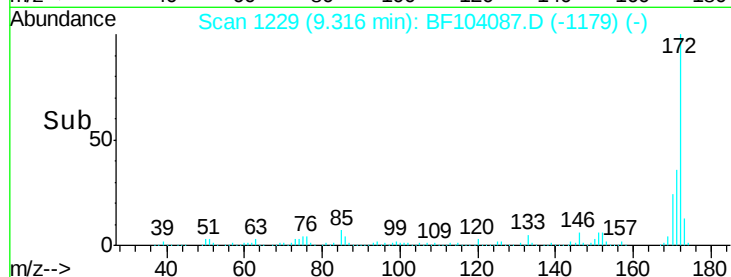
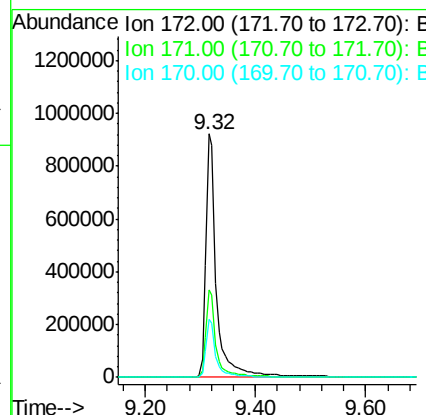
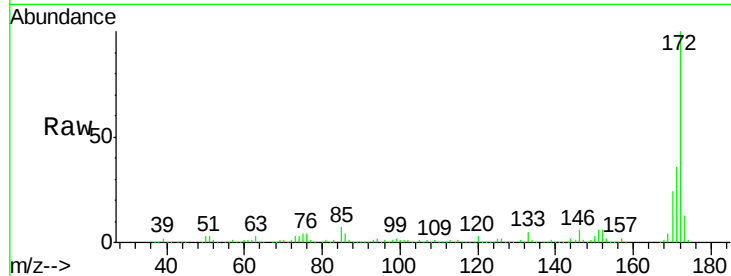


#44
 2-Fluorobiphenyl
 Concen: 107.624 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104087.D
 Acq: 30 Mar 2018 8:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1236820

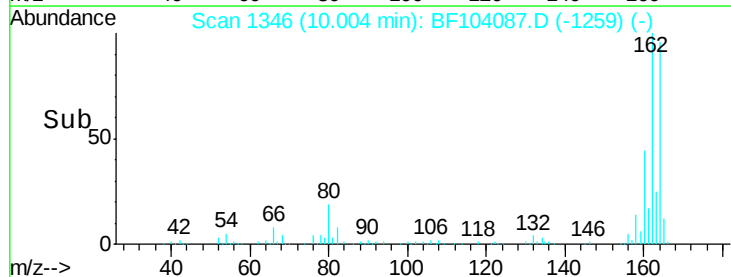
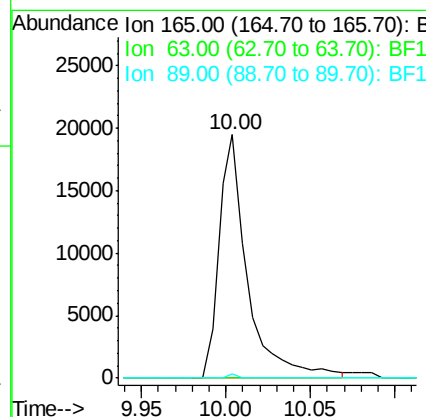
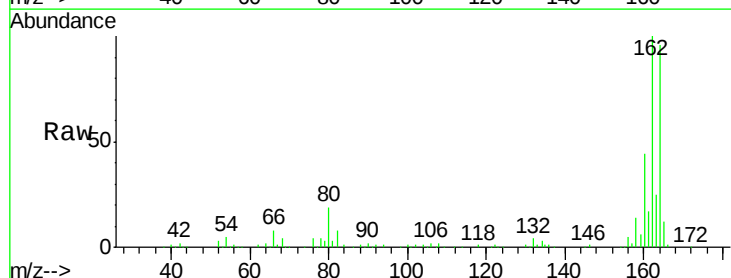
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.8	19.6	29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.461 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. 0.21 min
 Lab File: BF104087.D
 Acq: 30 Mar 2018 8:21

Tgt Ion:165 Resp: 22967

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.8	44.0	66.0#

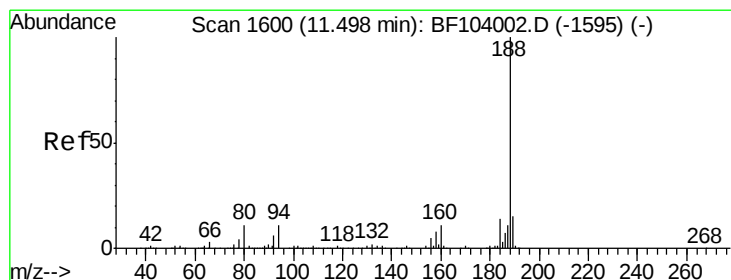
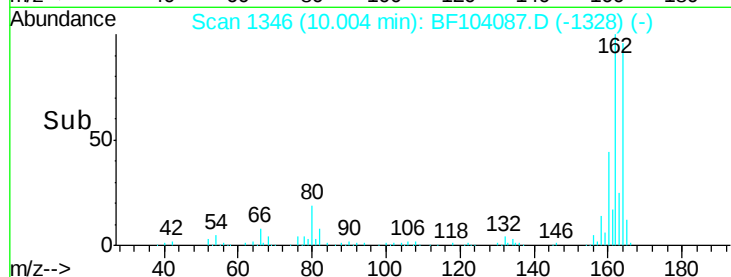
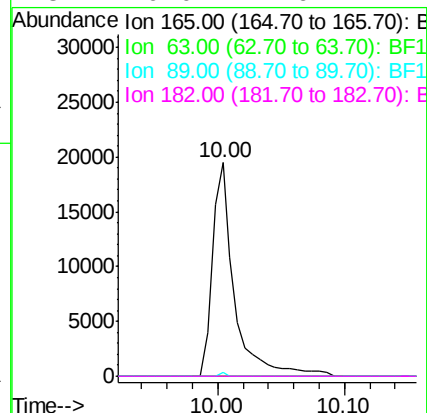
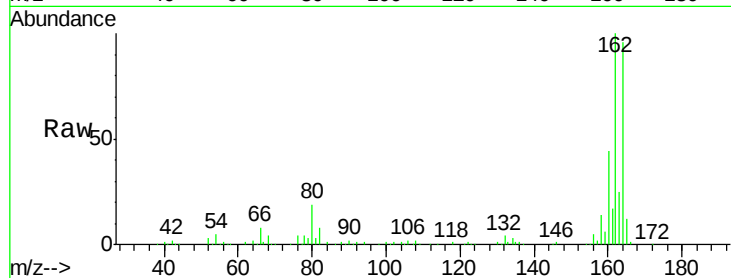




#56
2,4-Dinitrotoluene
Concen: 5.960 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.19 min
Lab File: BF104087.D
Acq: 30 Mar 2018 8:21

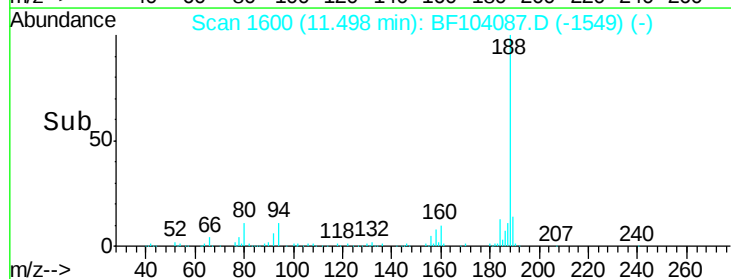
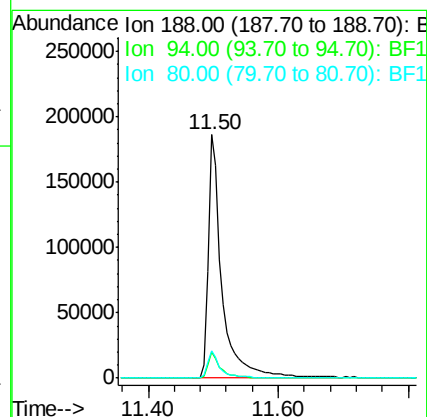
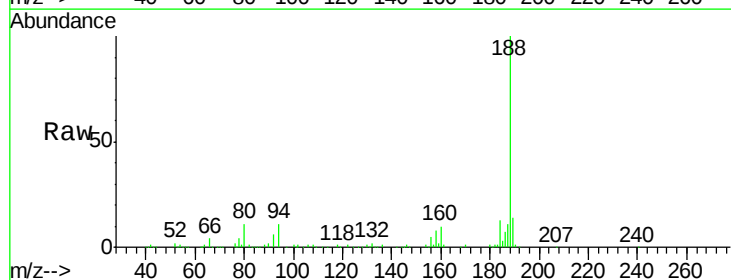
Instrument :
BNA_F
ClientSampleId :

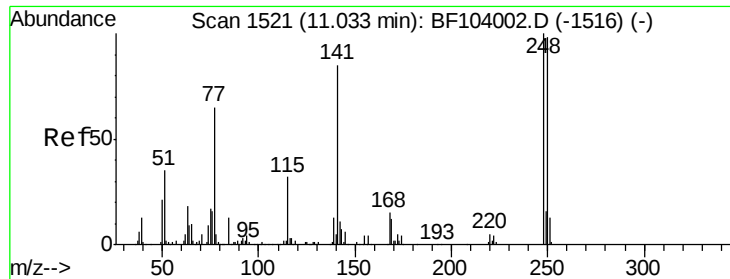
Tot Ion:165	Resp:	23410
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.8	57.8 86.6#
182	0.0	1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104087.D
Acq: 30 Mar 2018 8:21

Tgt Ion:188	Resp:	271925
Ion Ratio	Lower	Upper
188	100	
94	10.6	8.5 12.7
80	11.4	9.2 13.8

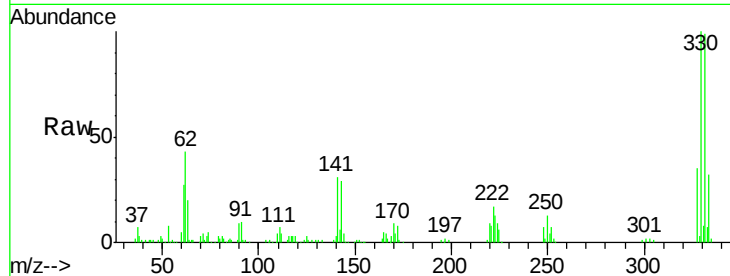




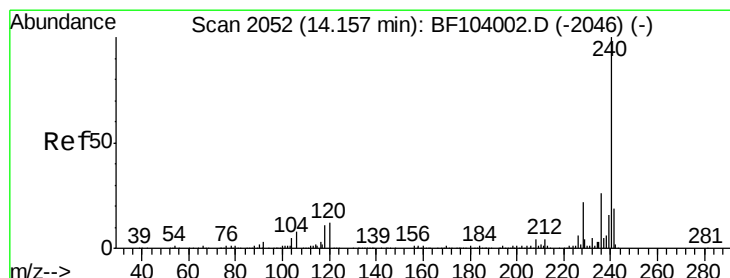
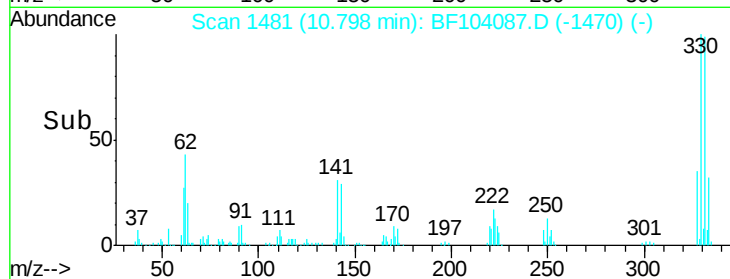
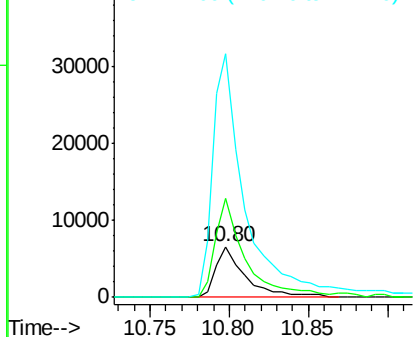
#66
4-Bromophenyl-phenylether
Concen: 2.957 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF104087.D
Acq: 30 Mar 2018 8:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8603
Ion Ratio Lower Upper
248 100
250 195.5 76.9 115.3#
141 481.4 74.4 111.6#

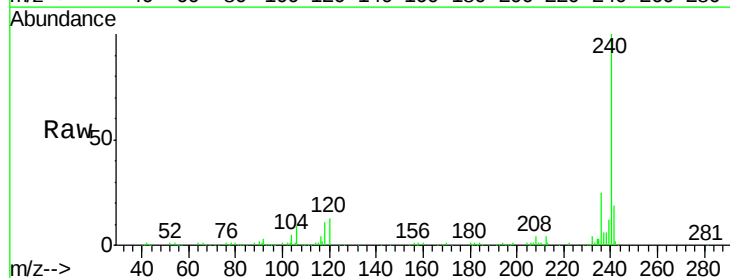


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

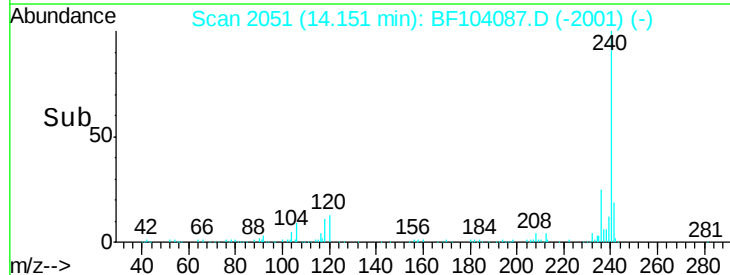
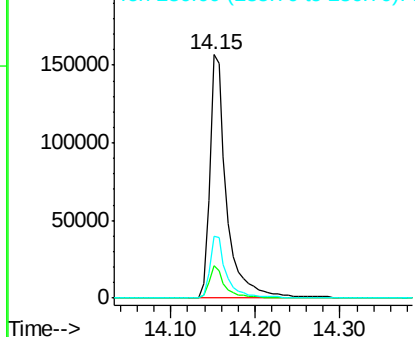


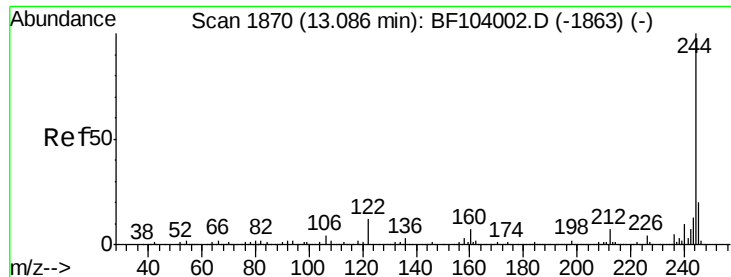
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF104087.D
Acq: 30 Mar 2018 8:21

Tgt Ion:240 Resp: 220225
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 25.4 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

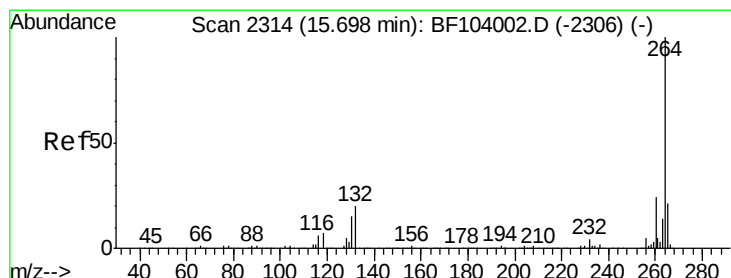
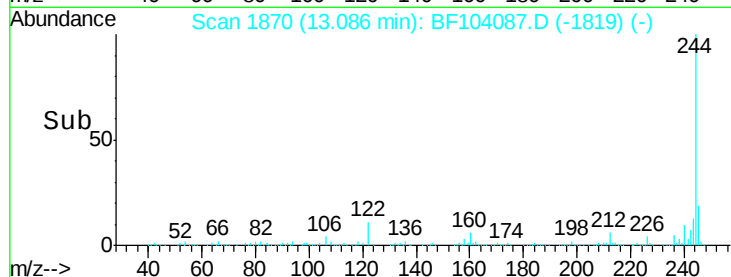
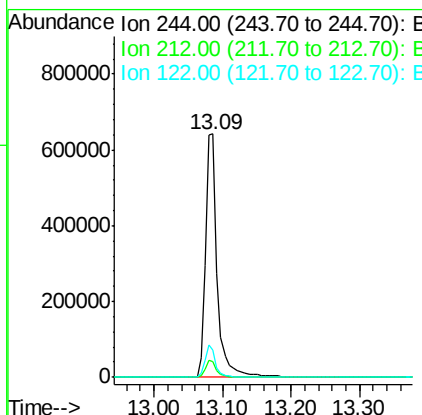
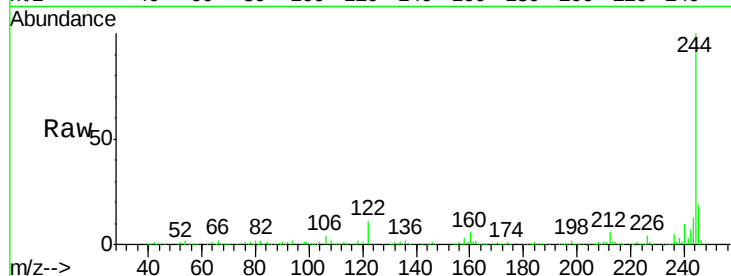




#78
 Terphenyl-d14
 Concen: 82.491 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BF104087.D
 Acq: 30 Mar 2018 8:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 786792
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 11.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BF104087.D
 Acq: 30 Mar 2018 8:21

Tgt Ion:264 Resp: 195677
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 20.7 17.5 26.3

