

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040518\
 Data File : BF104282.D
 Acq On : 5 Apr 2018 21:00
 Operator : JU/SJ
 Sample : J2183-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 01:10:08 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

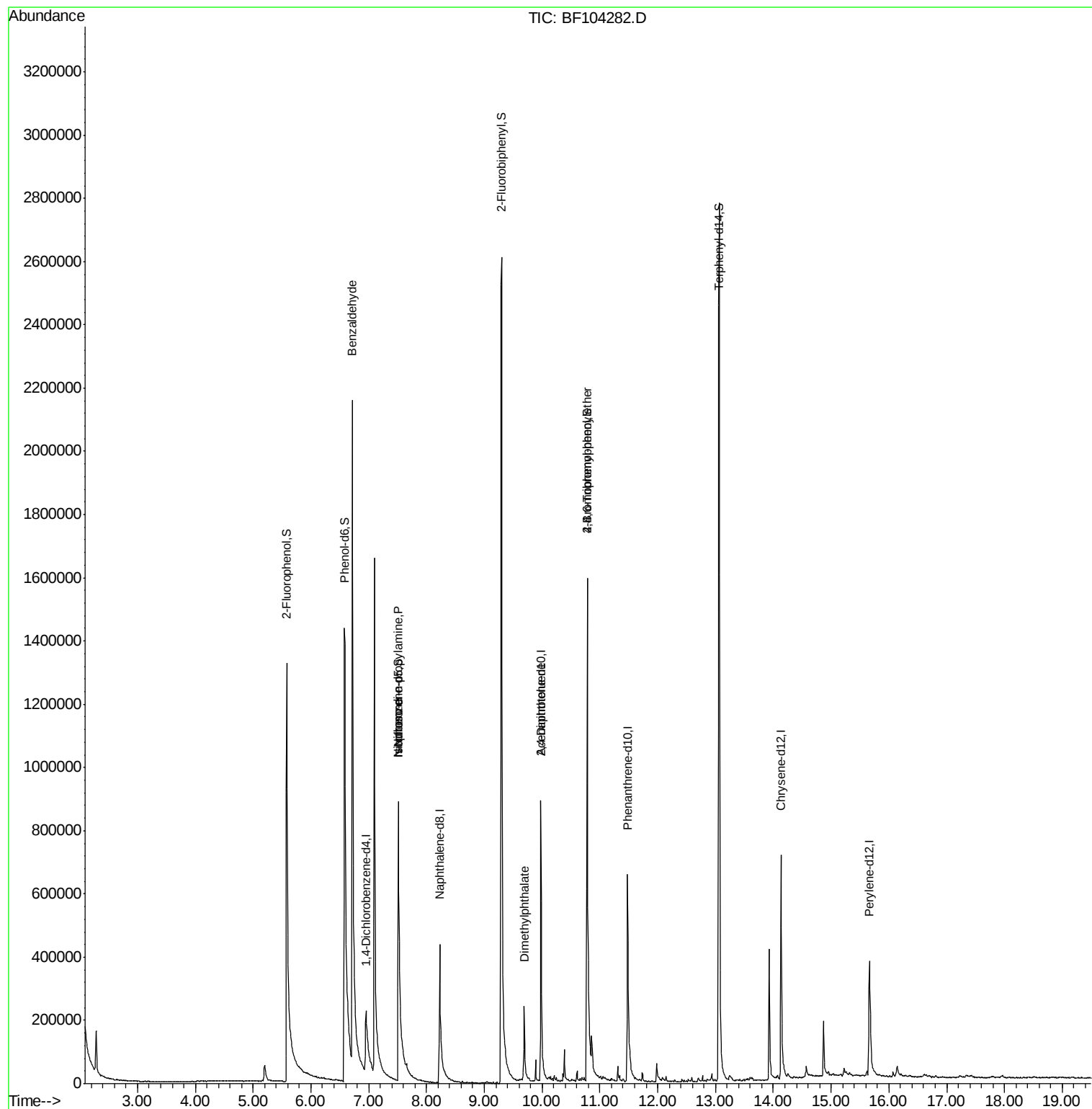
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	111929	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	522380	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	254945	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	470974	20.00	ng	0.00
75) Chrysene-d12	14.13	240	372149	20.00	ng	-0.01
86) Perylene-d12	15.67	264	286275	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	927934	132.21	ng	-0.01
7) Phenol-d6	6.58	99	1218883	141.16	ng	-0.02
23) Nitrobenzene-d5	7.51	82	797810	93.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	364264	128.32	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1396671	86.39	ng	0.00
78) Terphenyl-d14	13.06	244	1331906	82.64	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	20502	3.113	ng	86
19) n-Nitroso-di-n-propylamine	7.51	70	89379	17.441	ng	# 76
25) Isophorone	7.51	82	799455	50.786	ng	# 64
49) Dimethylphthalate	9.69	163	164989	8.197	ng	98
56) 2,4-Dinitrotoluene	9.98	165	30828	5.579	ng	# 22
66) 4-Bromophenyl-phenylether	10.78	248	21285	4.224	ng	# 1

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

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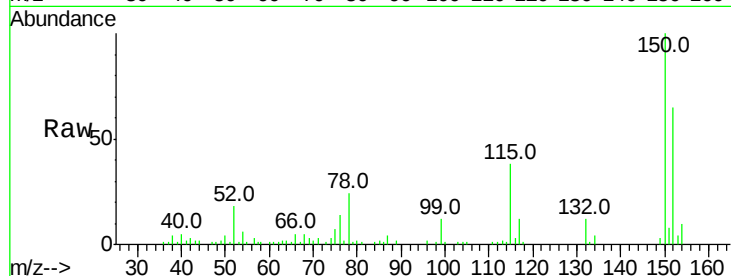


#1

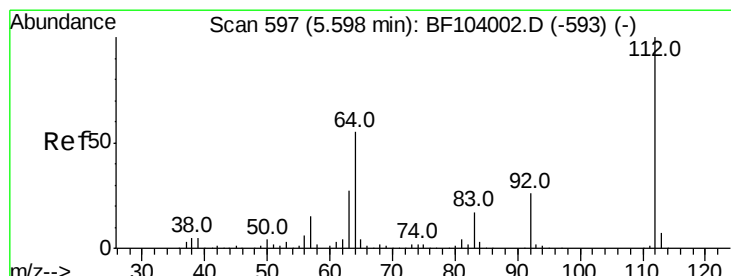
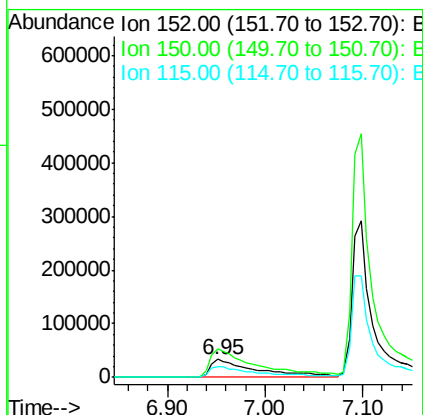
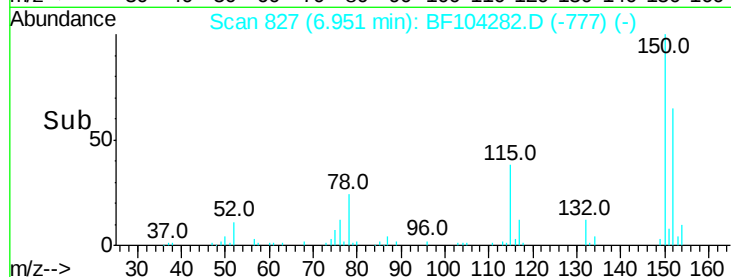
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104282.D
Acq: 5 Apr 2018 21:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 111929
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 58.9 50.1 75.1



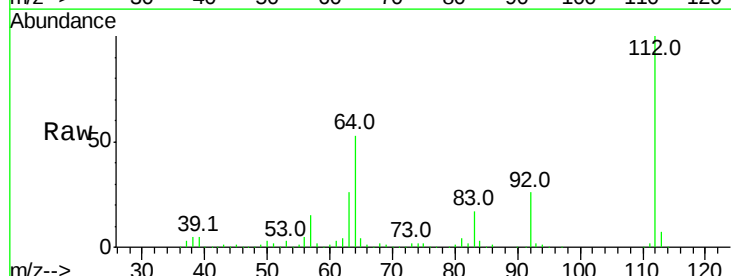
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



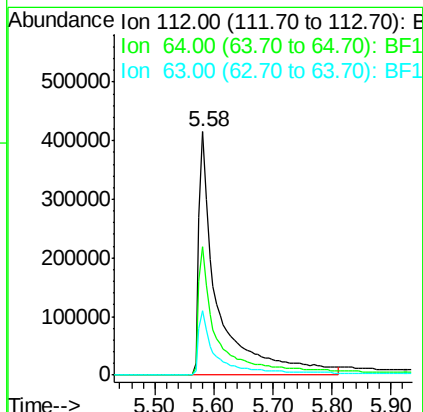
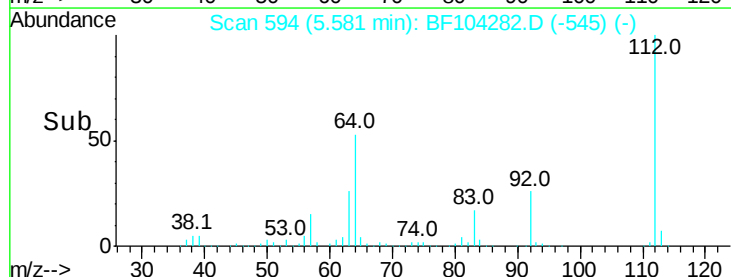
#5

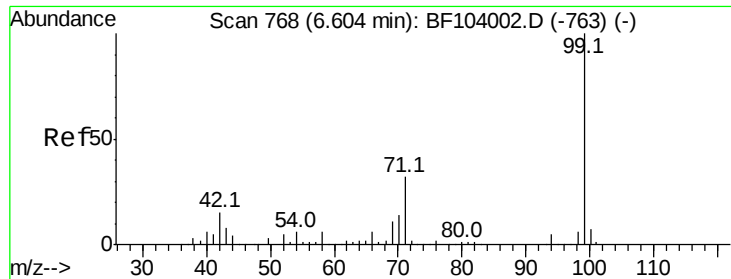
2-Fluorophenol
Concen: 132.211 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF104282.D
Acq: 5 Apr 2018 21:00

Tgt Ion:112 Resp: 927934
Ion Ratio Lower Upper
112 100
64 52.9 47.9 71.9
63 26.4 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: 141.156 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF104282.D

Acq: 5 Apr 2018 21:00

Instrument :

BNA_F

ClientSampleId :

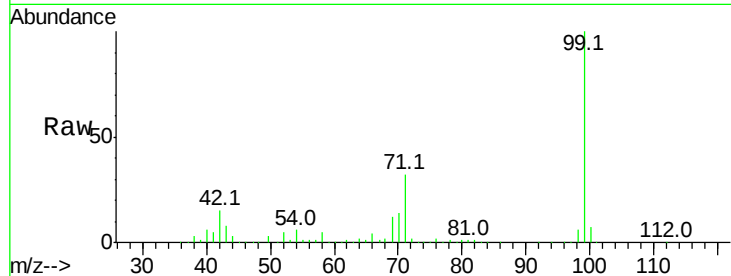
Tot Ion: 99 Resp: 1218883

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

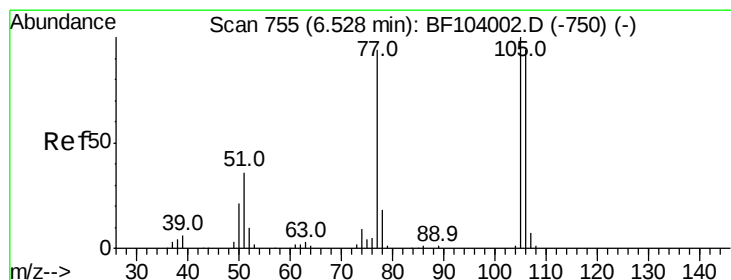
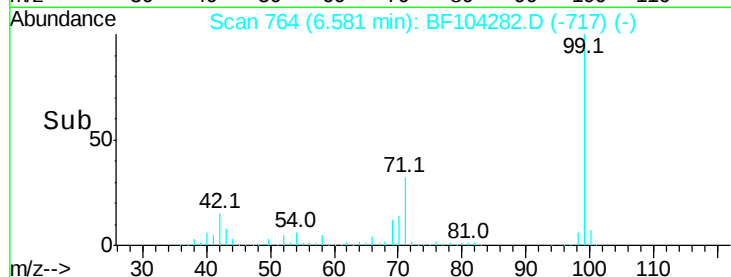
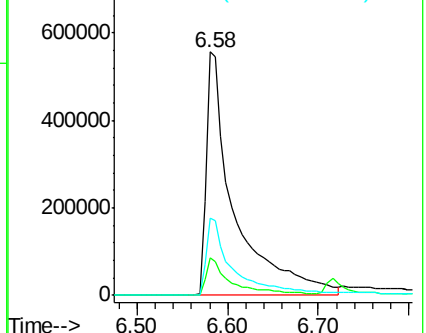
71 32.0 25.4 38.0



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



#9

Benzaldehyde

Concen: 3.113 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.20 min

Lab File: BF104282.D

Acq: 5 Apr 2018 21:00

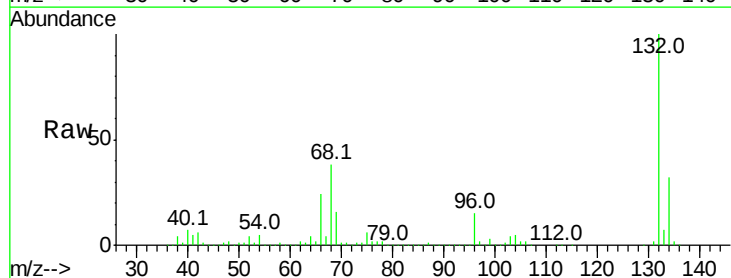
Tgt Ion: 77 Resp: 20502

Ion Ratio Lower Upper

77 100

105 84.2 81.1 121.1

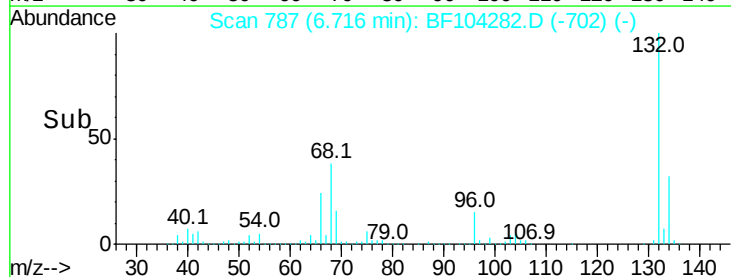
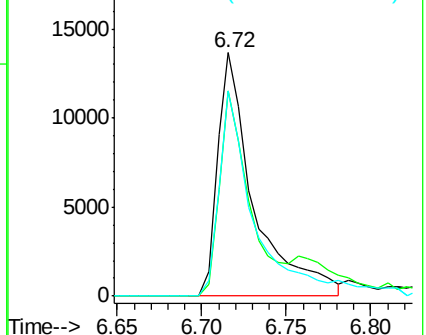
106 84.3 74.5 114.5

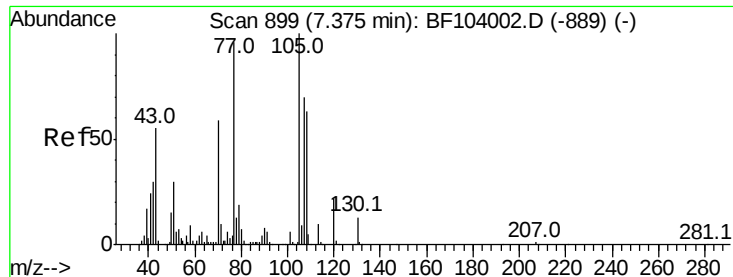


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

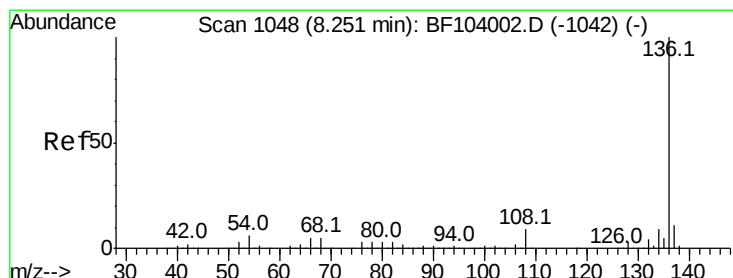
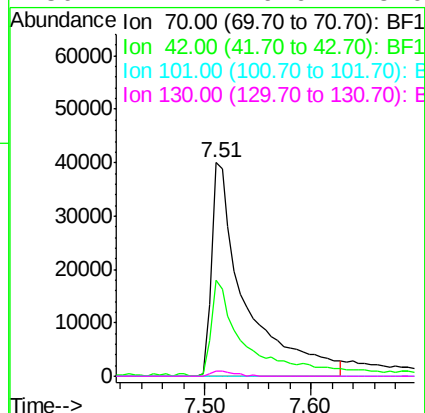
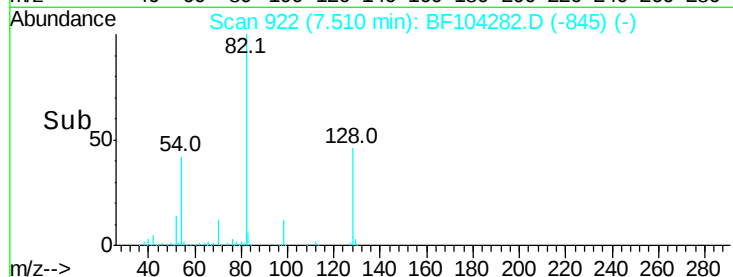
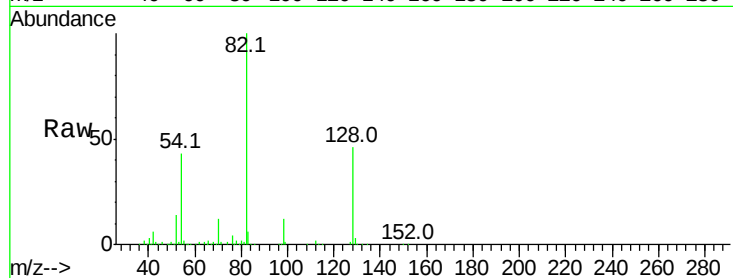




#19
n-Nitroso-di-n-propylamine
Concen: 17.441 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF104282.D
Acq: 5 Apr 2018 21:00

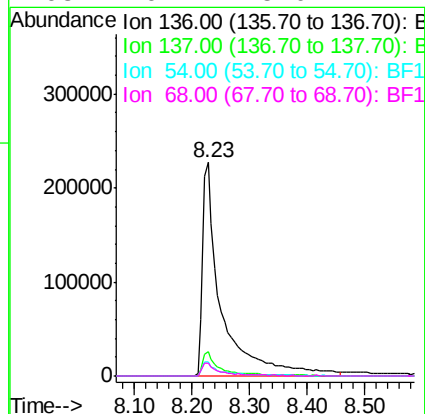
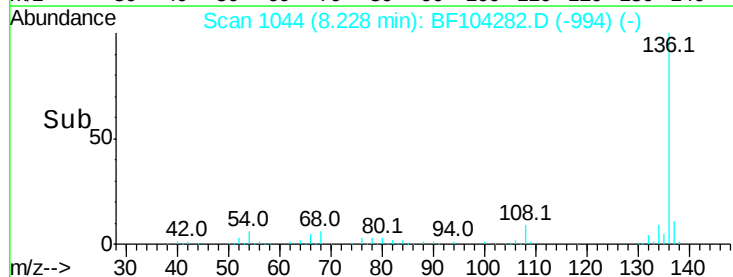
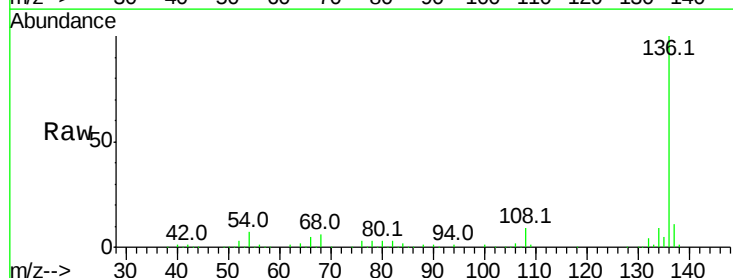
Instrument :
BNA_F
ClientSampleId :

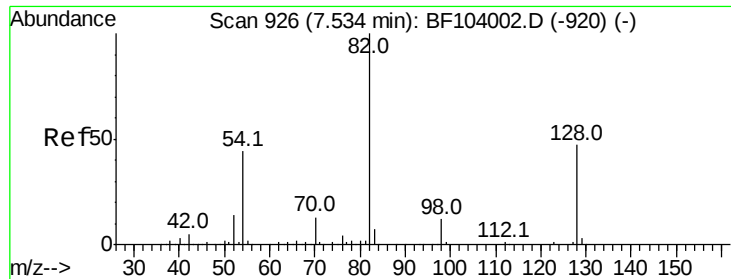
Tot Ion: 70 Resp: 89379
Ion Ratio Lower Upper
70 100
42 45.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF104282.D
Acq: 5 Apr 2018 21:00

Tgt Ion: 136 Resp: 522380
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.7 6.6 9.8
68 6.1 5.0 7.4

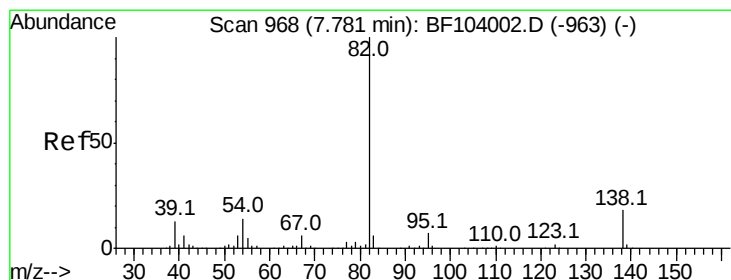
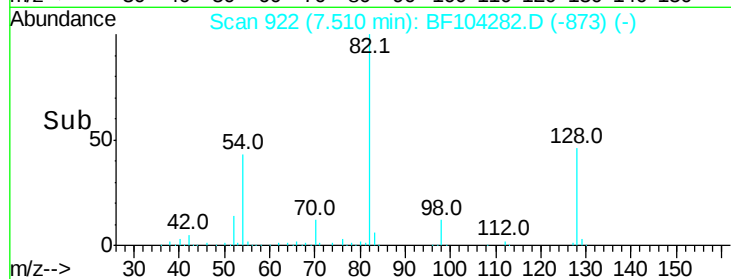
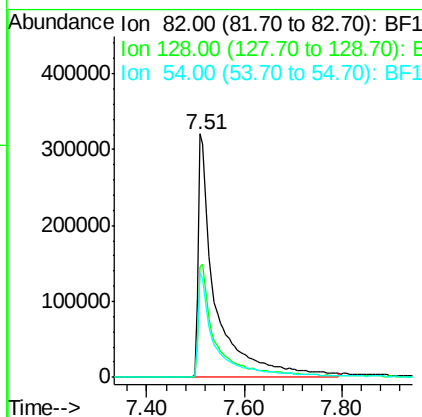
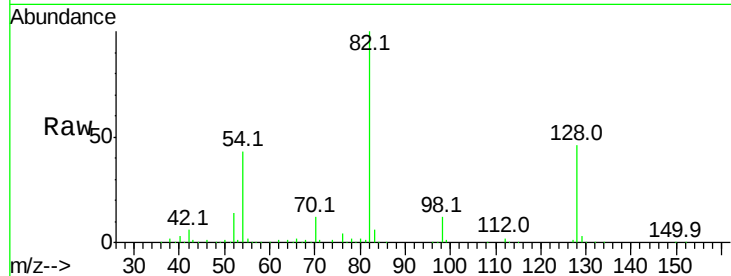




#23
 Nitrobenzene-d5
 Concen: 93.400 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF104282.D
 Acq: 5 Apr 2018 21:00

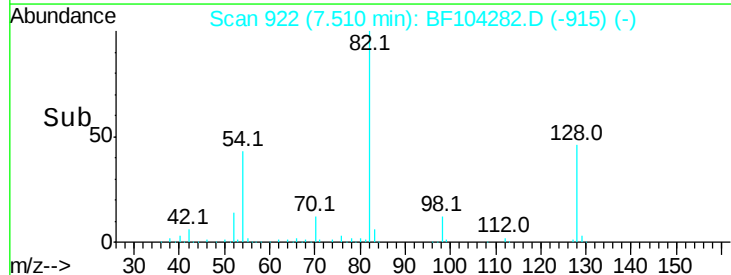
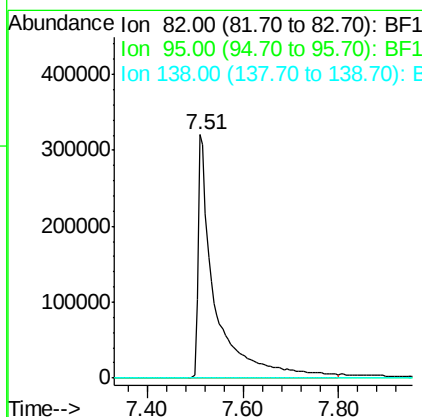
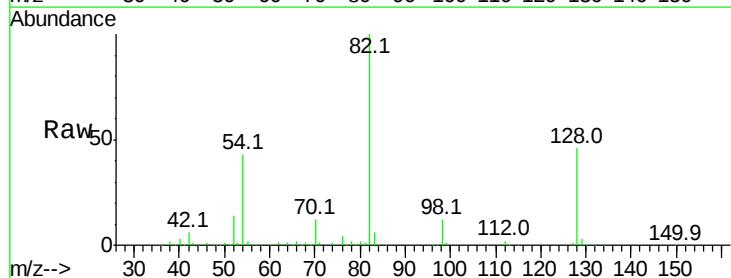
Instrument :
 BNA_F
 ClientSampleId :

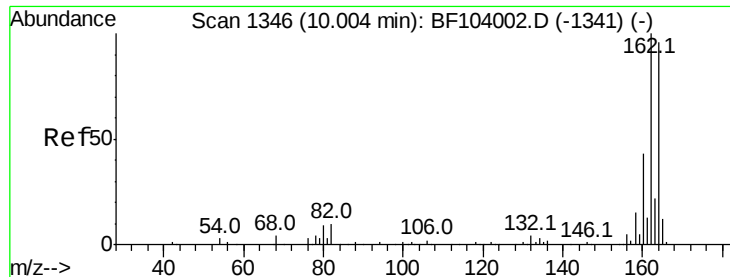
Tot Ion:	82	Resp:	797810
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	42.7	41.4	62.2



#25
 Isophorone
 Concen: 50.786 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.26 min
 Lab File: BF104282.D
 Acq: 5 Apr 2018 21:00

Tgt Ion:	82	Resp:	799455
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

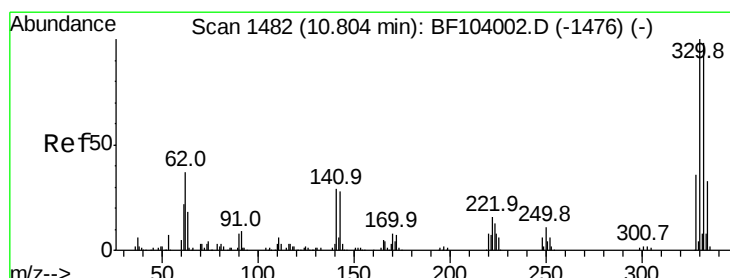
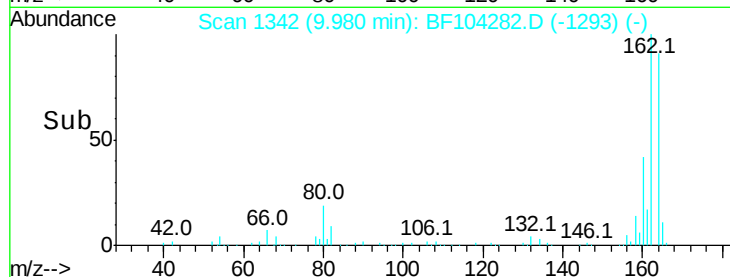
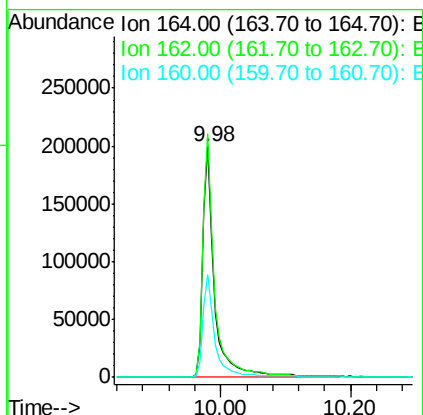
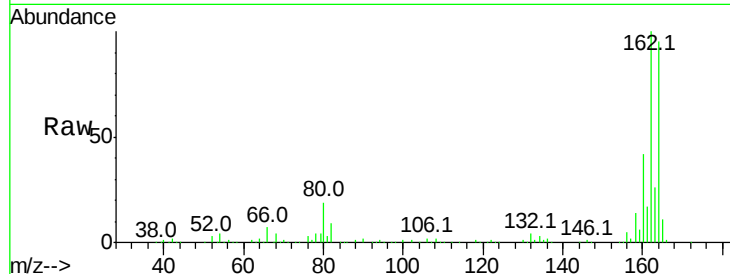




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF104282.D
 Acq: 5 Apr 2018 21:00

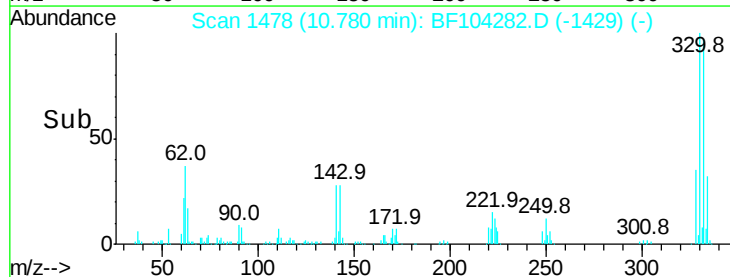
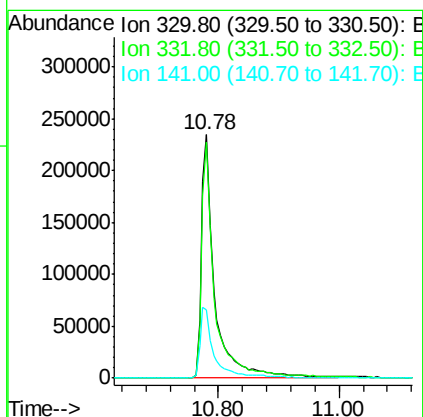
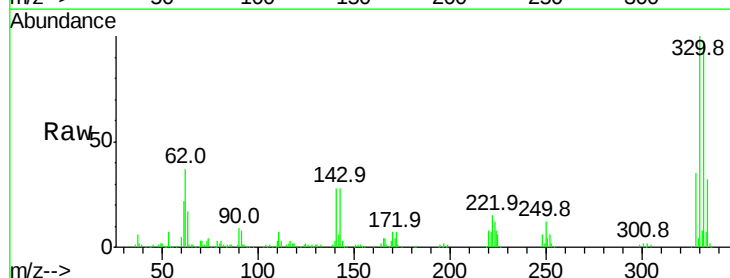
Instrument :
 BNA_F
 ClientSampleId :

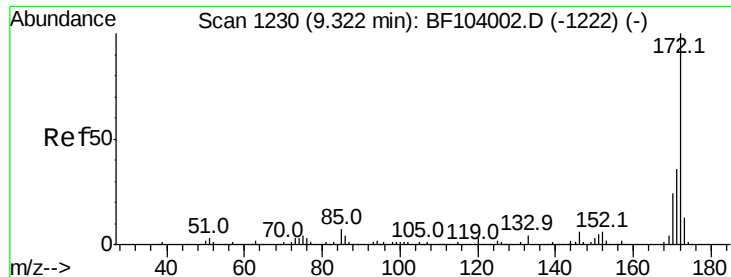
Tot Ion:164 Resp: 254945
 Ion Ratio Lower Upper
 164 100
 162 105.6 86.1 129.1
 160 44.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 128.315 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF104282.D
 Acq: 5 Apr 2018 21:00

Tgt Ion:330 Resp: 364264
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 31.9 29.9 44.9



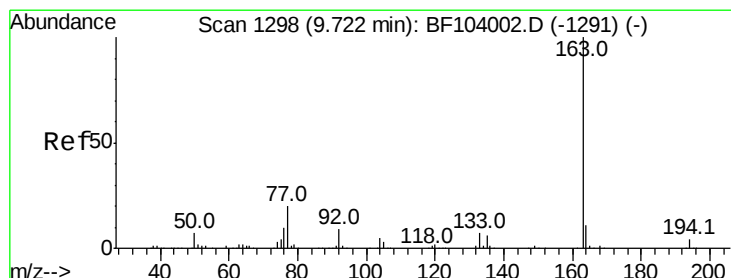
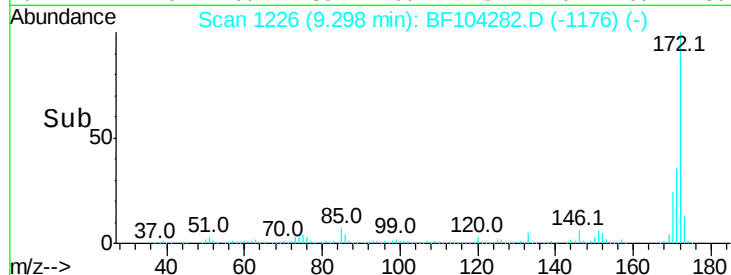
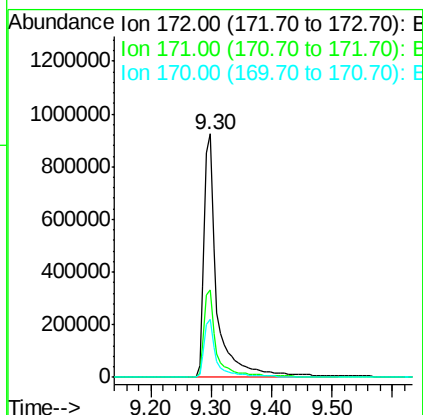
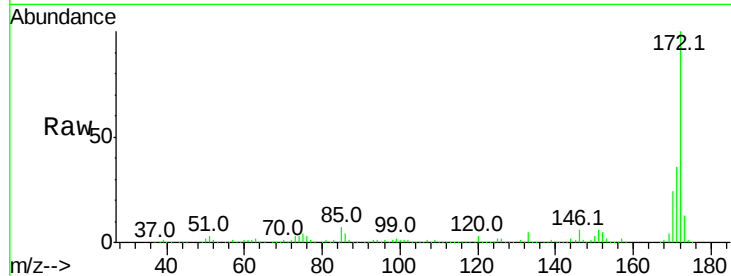


#44
 2-Fluorobiphenyl
 Concen: 86.389 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF104282.D
 Acq: 5 Apr 2018 21:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1396671

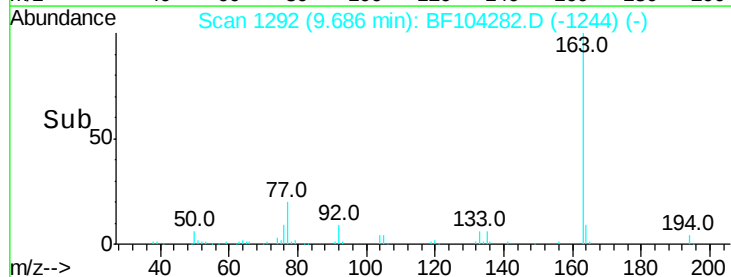
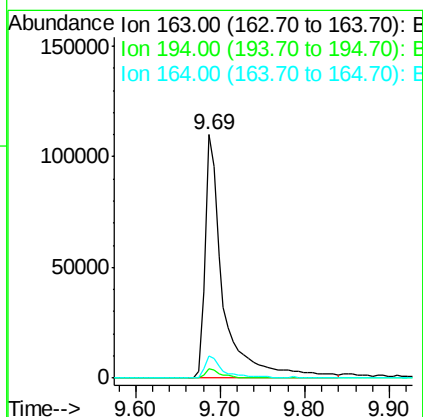
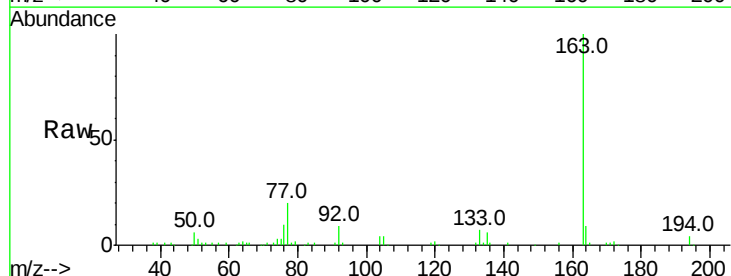
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.9	19.6	29.4

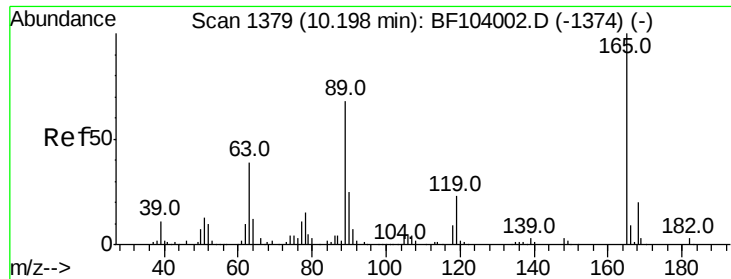


#49
 Dimethylphthalate
 Concen: 8.197 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.02 min
 Lab File: BF104282.D
 Acq: 5 Apr 2018 21:00

Tgt Ion:163 Resp: 164989

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.4	8.2	12.2

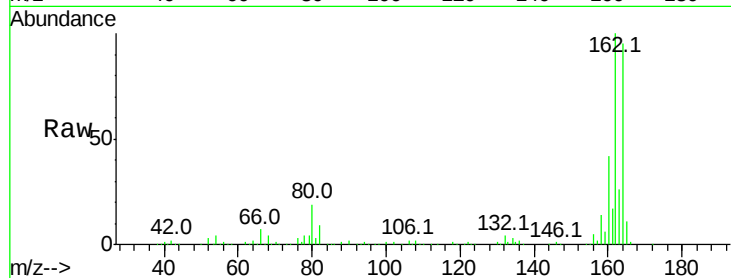




#56
2,4-Dinitrotoluene
Concen: 5.579 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF104282.D
Acq: 5 Apr 2018 21:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

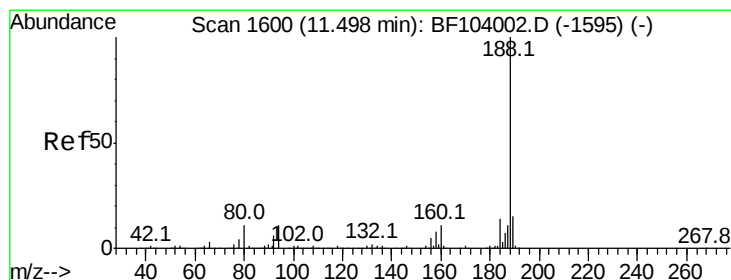
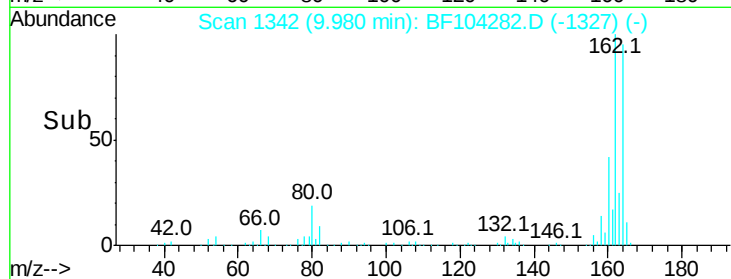
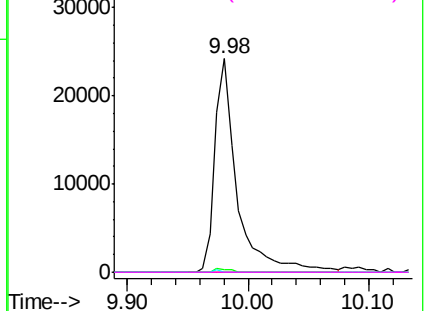


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

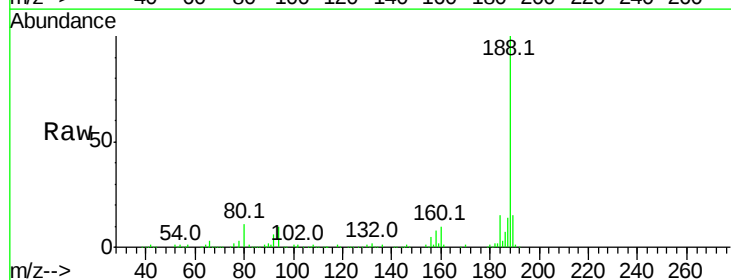
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF104282.D
Acq: 5 Apr 2018 21:00

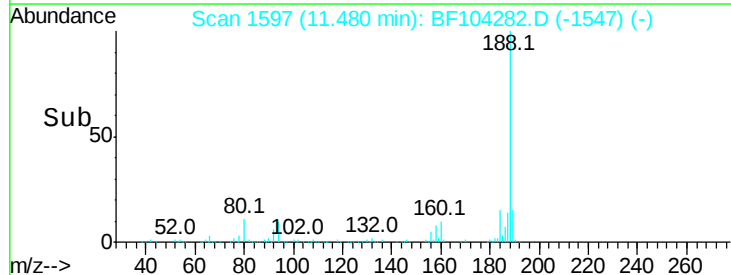
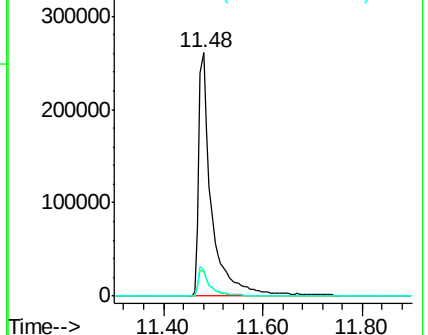
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.6	9.2	13.8

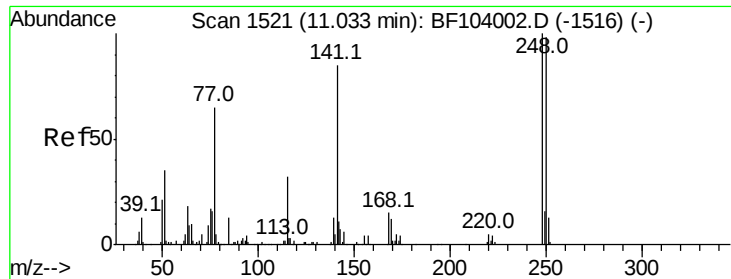


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

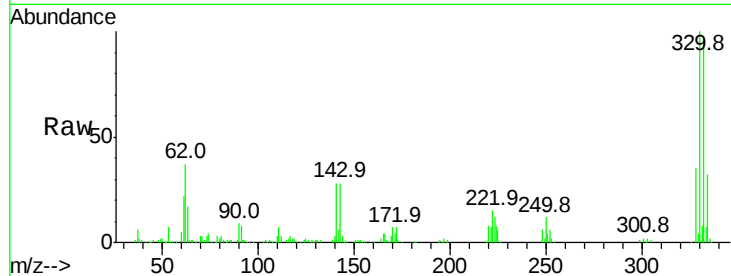




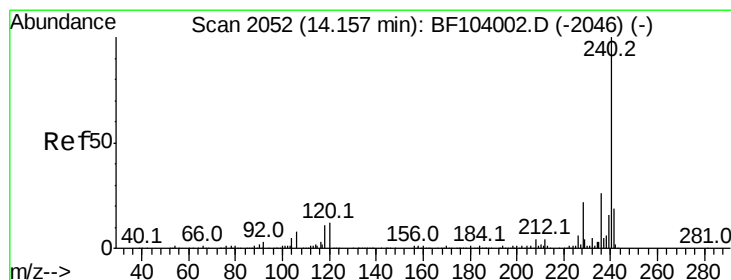
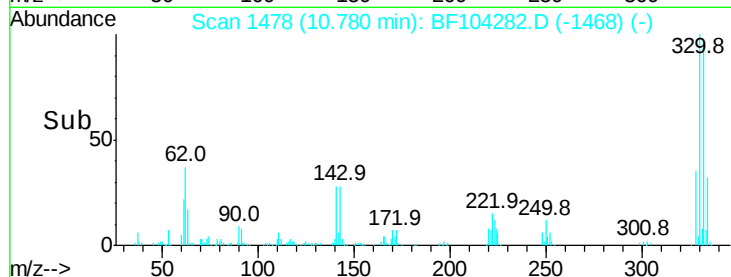
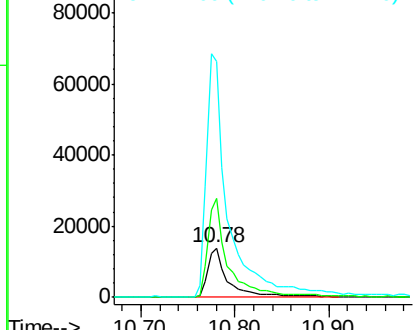
#66
4-Bromophenyl-phenylether
Concen: 4.224 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF104282.D
Acq: 5 Apr 2018 21:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 21285
Ion Ratio Lower Upper
248 100
250 200.2 76.9 115.3#
141 475.8 74.4 111.6#

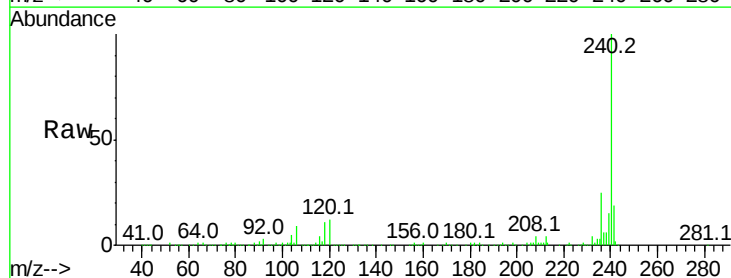


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

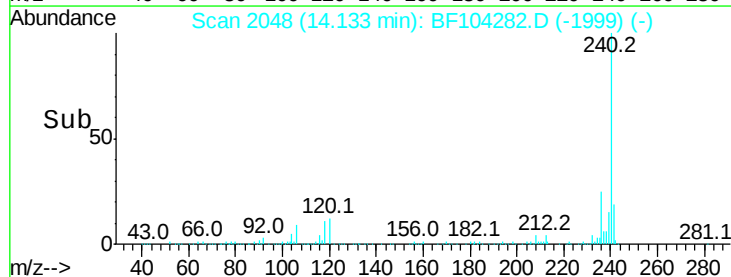
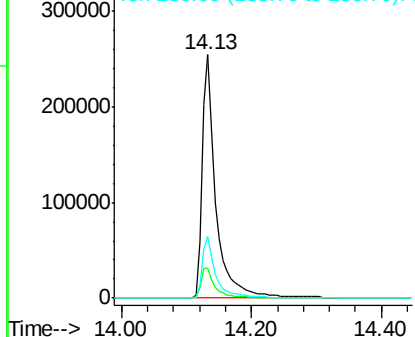


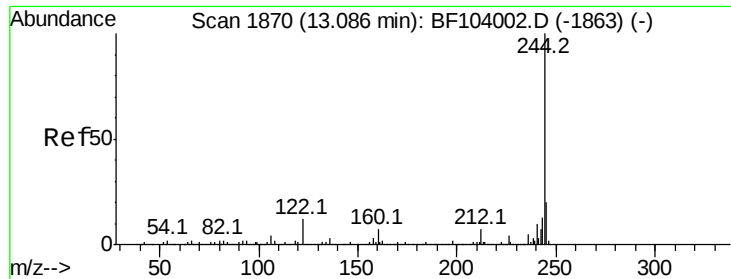
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF104282.D
Acq: 5 Apr 2018 21:00

Tgt Ion:240 Resp: 372149
Ion Ratio Lower Upper
240 100
120 12.4 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: 82.636 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF104282.D

Acq: 5 Apr 2018 21:00

Instrument :

BNA_F

ClientSampled :

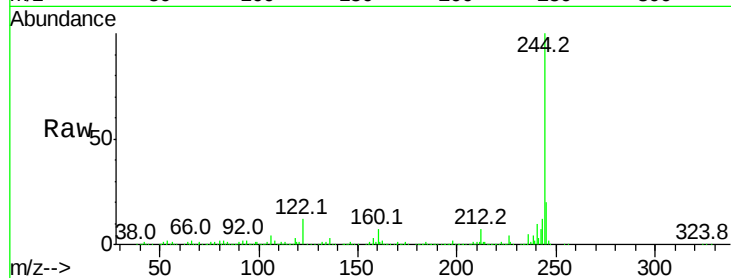
Tot Ion:244 Resp: 1331906

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.1	11.0	16.4

244 100

212 6.7 5.4 8.0

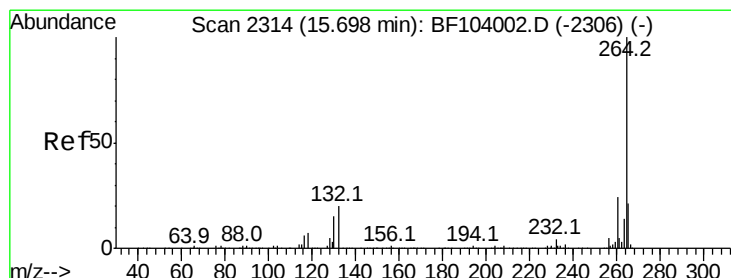
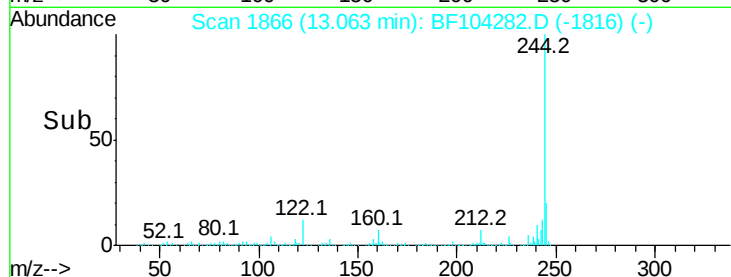
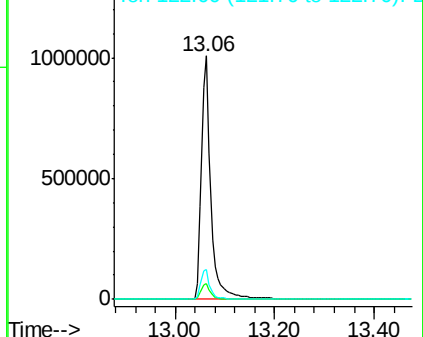
122 12.1 11.0 16.4



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: 15.67 min Scan# 2309

Delta R.T. -0.01 min

Lab File: BF104282.D

Acq: 5 Apr 2018 21:00

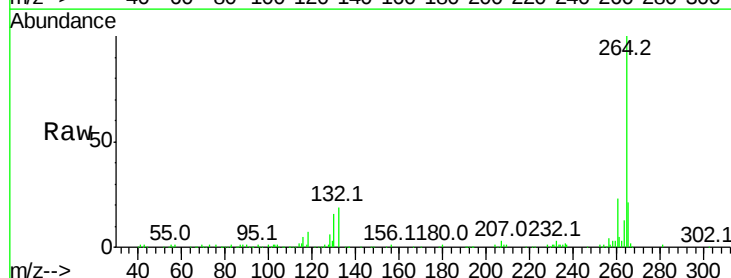
Tgt Ion:264 Resp: 286275

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.6	17.5	26.3

264 100

260 22.9 19.2 28.8

265 20.6 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

