

Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
 Data File : BF102207.D
 Acq On : 18 Jan 2018 22:20
 Operator : SJ/JU
 Sample : J1181-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 19 00:17:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

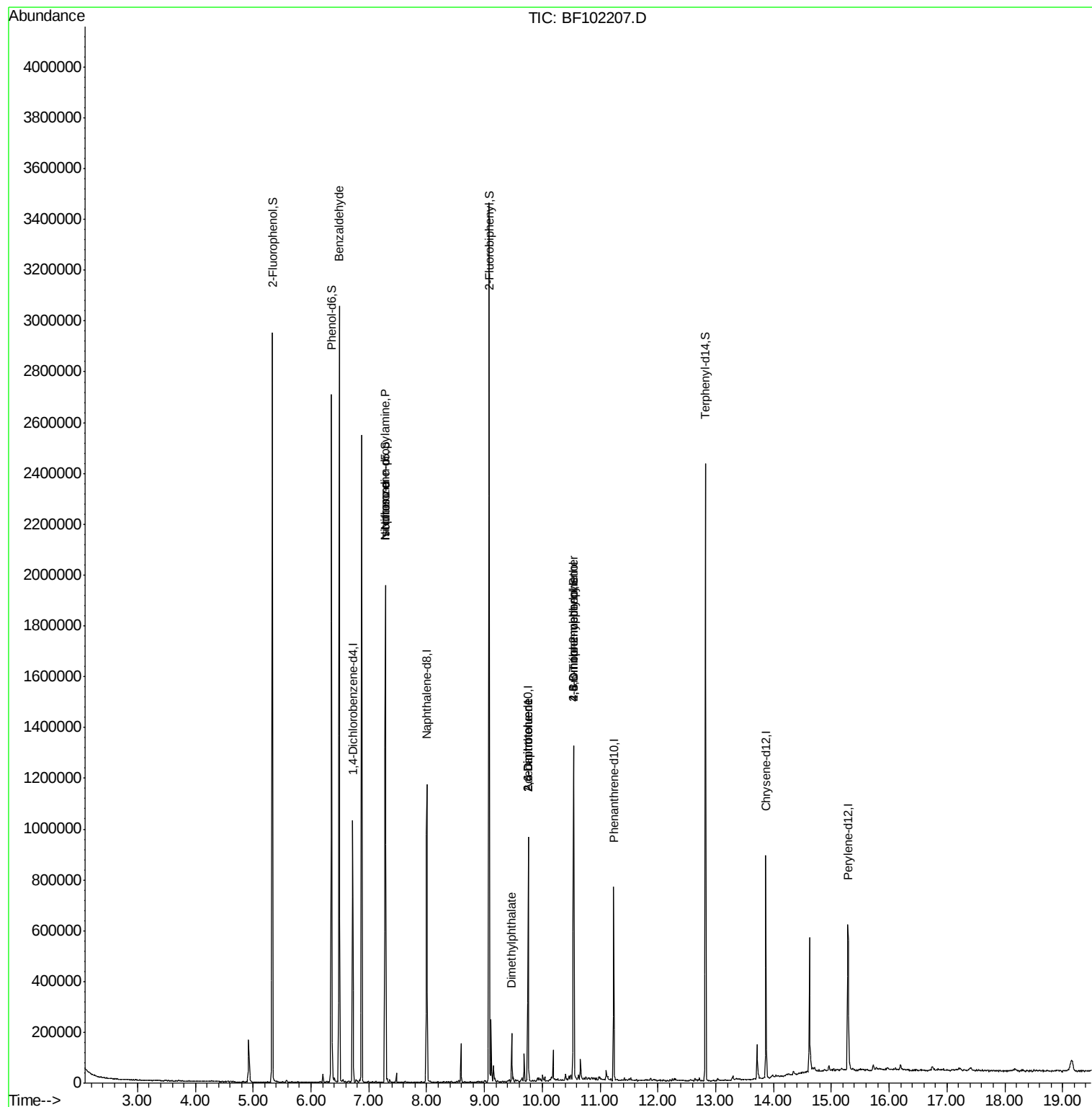
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137033	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	521348	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	194371	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	283235	20.00	ng	0.00
75) Chrysene-d12	13.87	240	271920	20.00	ng	0.00
86) Perylene-d12	15.29	264	244322	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	836376	86.19	ng	0.01
7) Phenol-d6	6.36	99	1016357	87.78	ng	0.00
23) Nitrobenzene-d5	7.29	82	606533	68.37	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	147577	87.00	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1027248	82.57	ng	0.00
78) Terphenyl-d14	12.82	244	769347	58.74	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	17975	2.236	ng	90
19) n-Nitroso-di-n-propylamine	7.29	70	80221	10.573	ng	# 80
25) Isophorone	7.29	82	601047	34.287	ng	# 64
49) Dimethylphthalate	9.47	163	70681	4.533	ng	98
50) 2,6-Dinitrotoluene	9.76	165	24119	7.744	ng	# 25
56) 2,4-Dinitrotoluene	9.76	165	24119	6.178	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.54	198	289	5.828	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	10432	3.488	ng	# 1

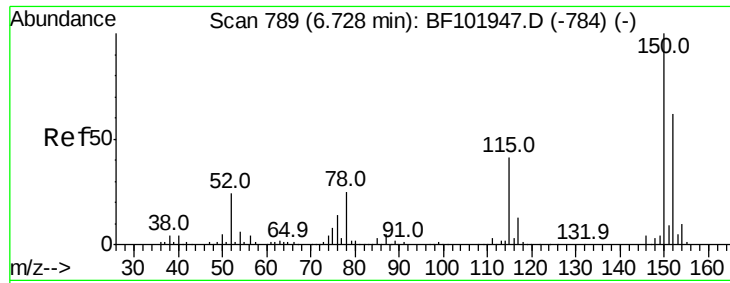
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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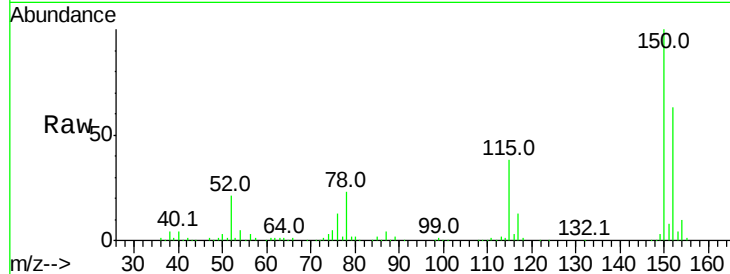


#1

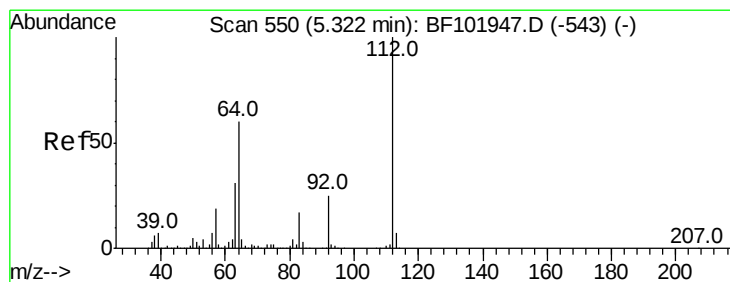
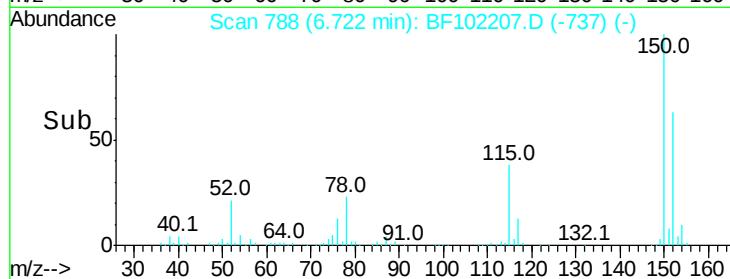
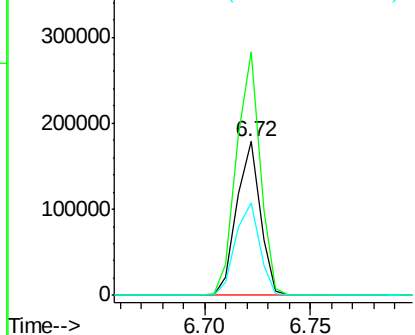
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102207.D
Acq: 18 Jan 2018 22:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137033
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 60.0 50.1 75.1



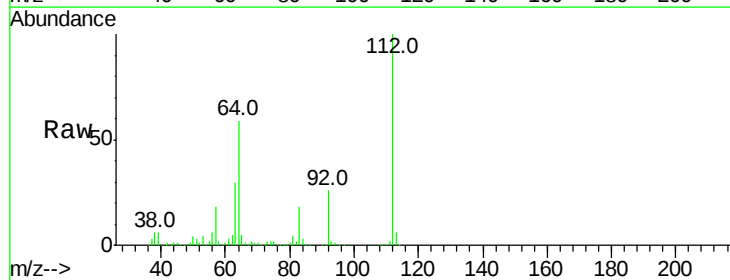
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



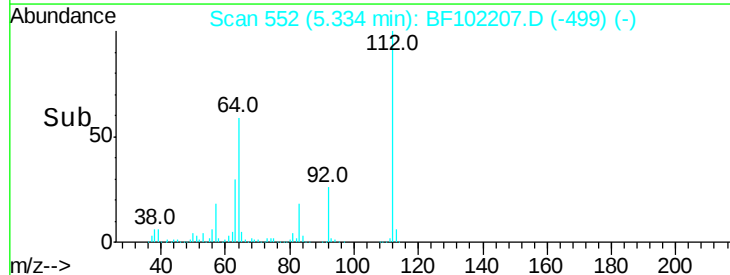
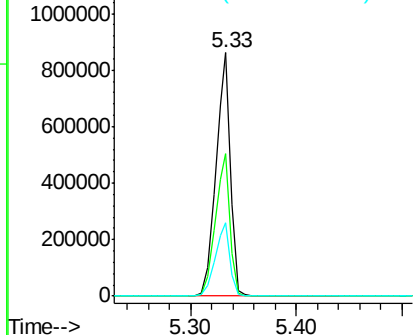
#5

2-Fluorophenol
Concen: 86.186 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102207.D
Acq: 18 Jan 2018 22:20

Tgt Ion:112 Resp: 836376
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 30.3 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: 87.781 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102207.D

Acq: 18 Jan 2018 22:20

Instrument :

BNA_F

ClientSampleId :

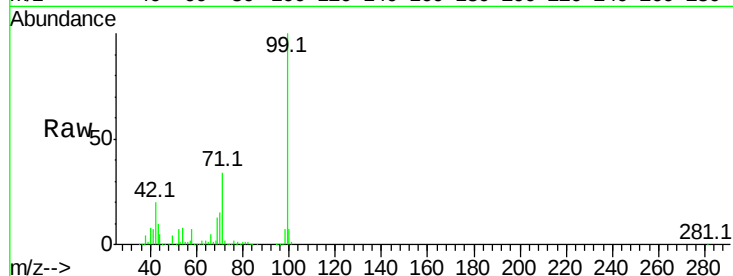
Tot Ion: 99 Resp: 1016357

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

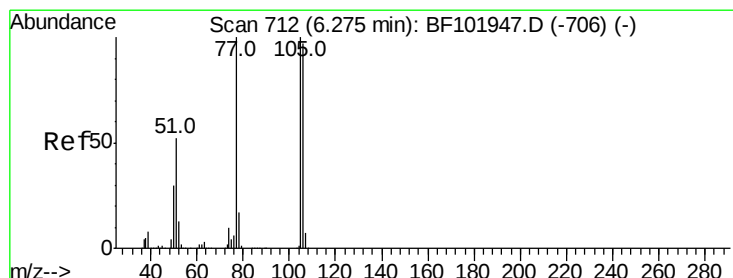
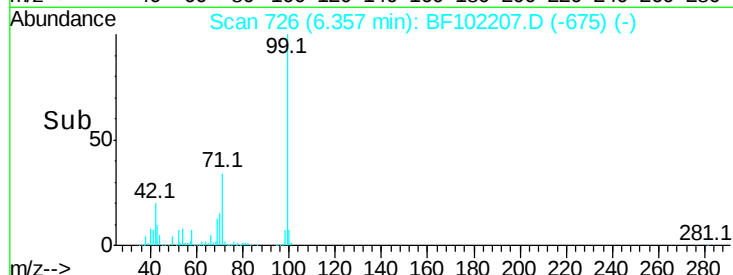
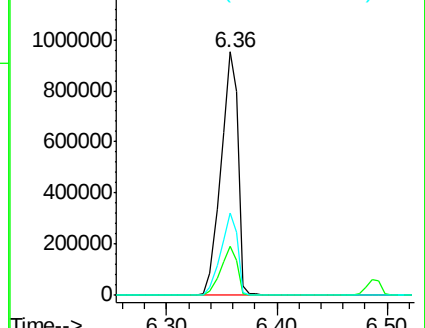
71 34.1 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.236 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF102207.D

Acq: 18 Jan 2018 22:20

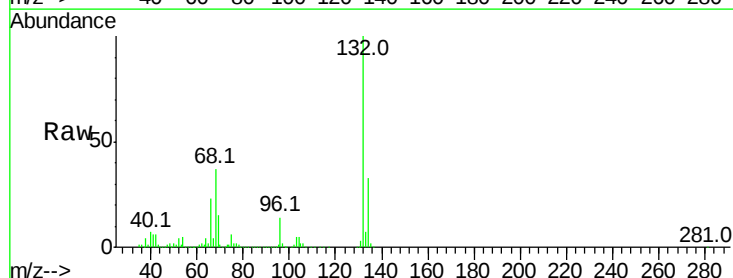
Tgt Ion: 77 Resp: 17975

Ion Ratio Lower Upper

77 100

105 88.1 81.1 121.1

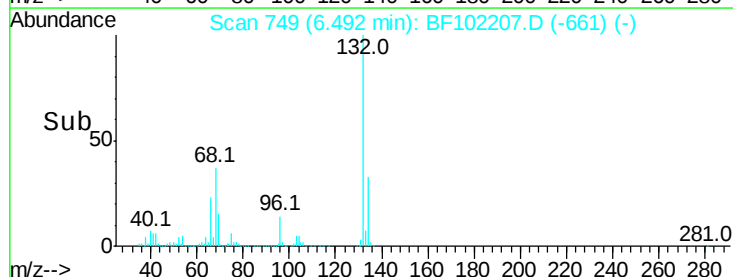
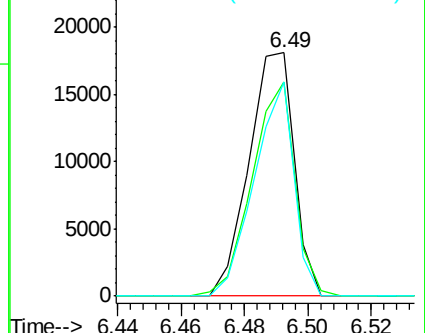
106 87.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 10.573 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102207.D

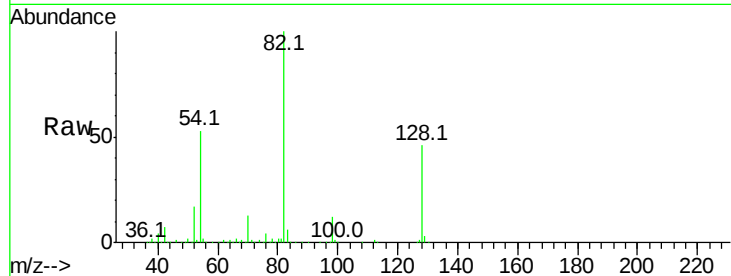
Acq: 18 Jan 2018 22:20

Instrument :

BNA_F

ClientSampled :

Tot Ion:	70	Resp:	80221
Ion	Ratio	Lower	Upper
70	100		
42	49.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

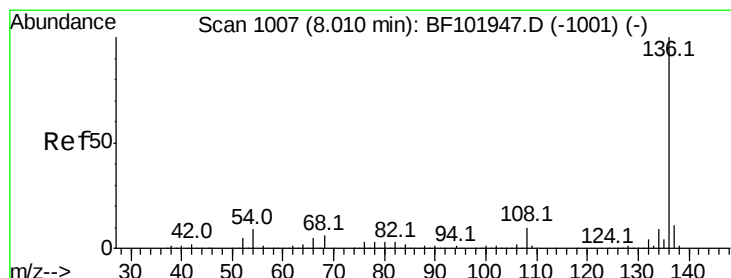
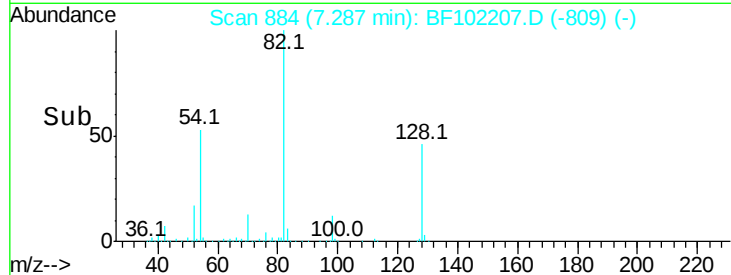
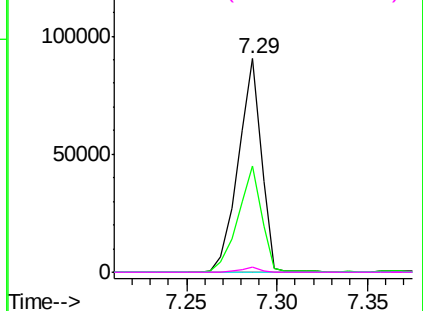


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

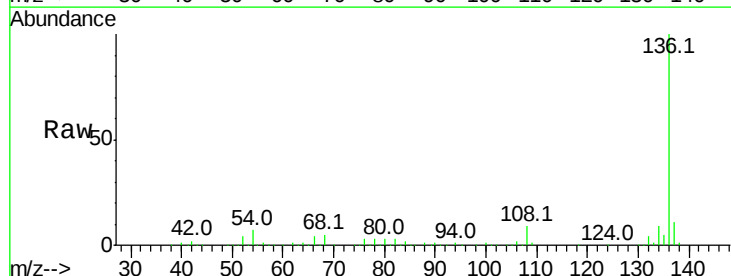
RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF102207.D

Acq: 18 Jan 2018 22:20

Tgt Ion:	136	Resp:	521348
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.3	6.6	9.8
68	4.9	5.0	7.4#

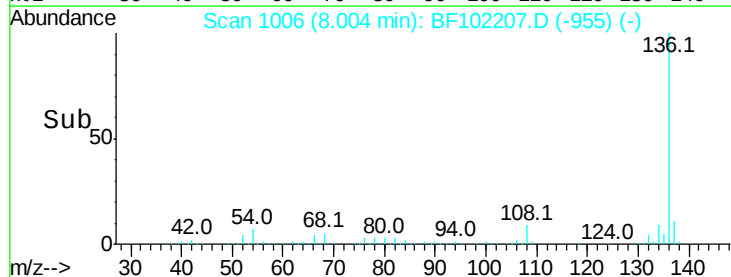
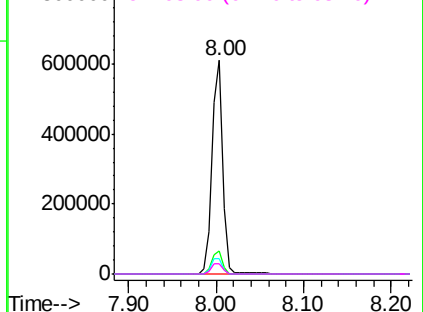


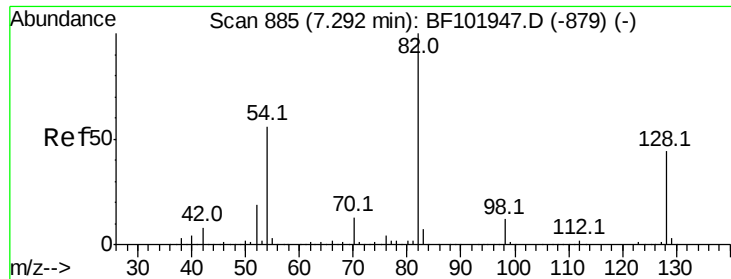
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

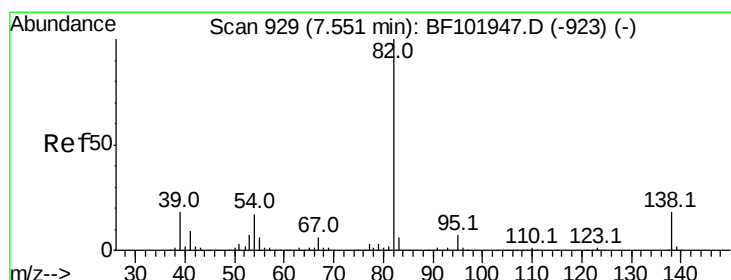
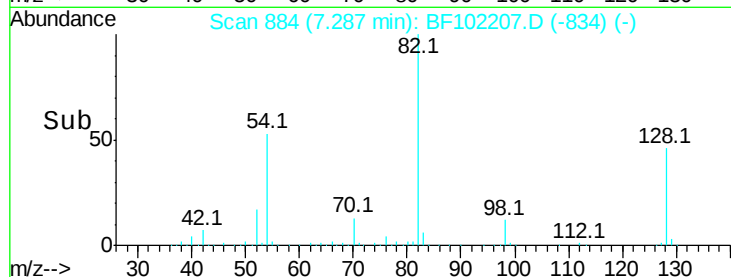
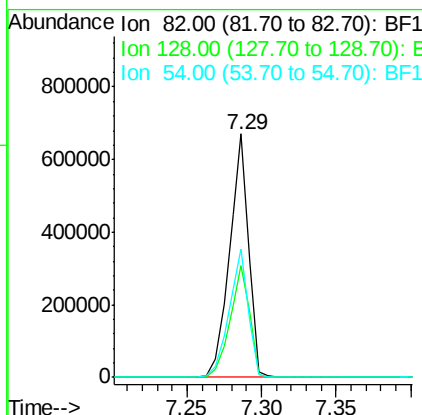
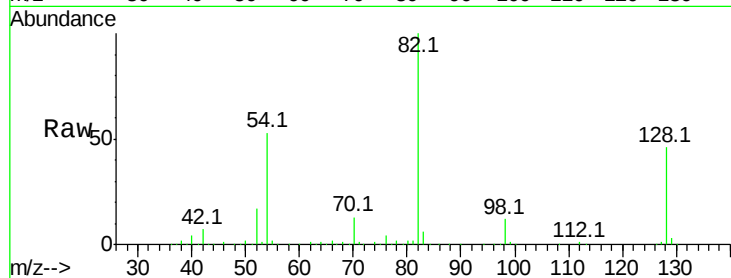




#23
 Nitrobenzene-d5
 Concen: 68.366 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF102207.D
 Acq: 18 Jan 2018 22:20

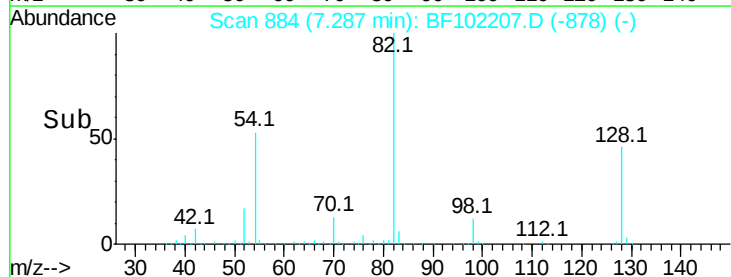
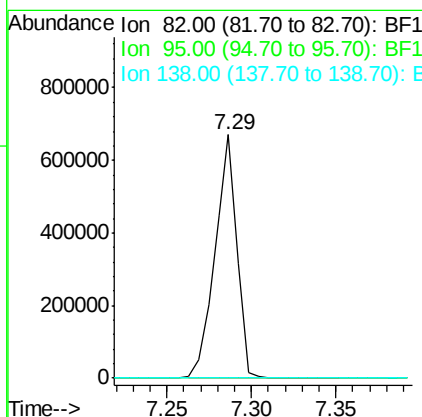
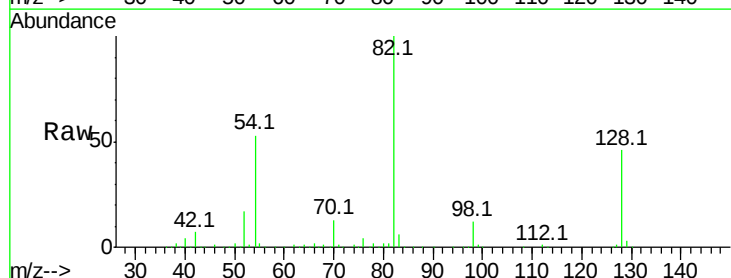
Instrument :
 BNA_F
 ClientSampleId :

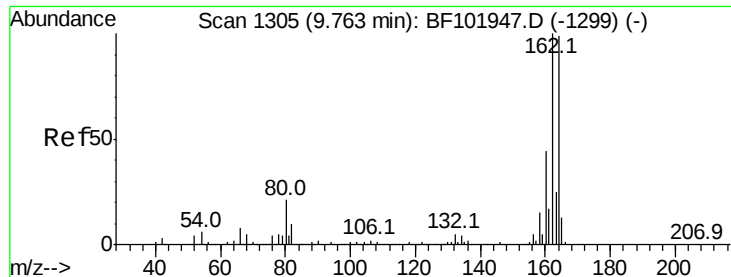
Tot Ion: 82 Resp: 606533
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.1 54.1
 54 52.7 41.4 62.2



#25
 Isophorone
 Concen: 34.287 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF102207.D
 Acq: 18 Jan 2018 22:20

Tgt Ion: 82 Resp: 601047
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

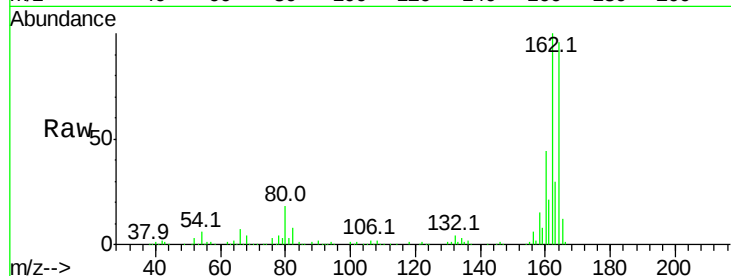




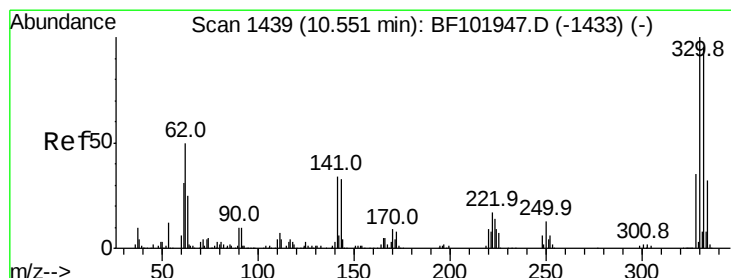
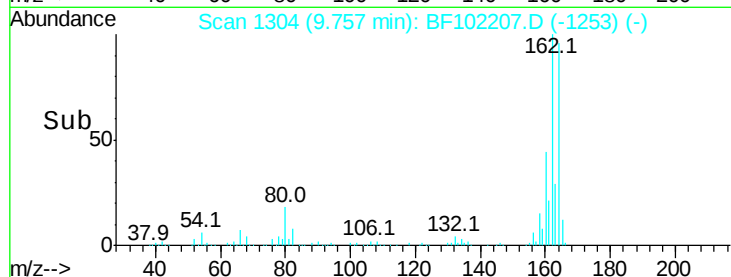
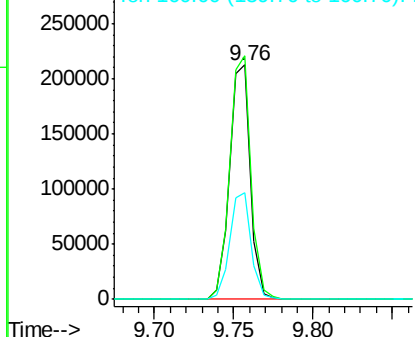
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF102207.D
Acq: 18 Jan 2018 22:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 194371
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 45.6 38.3 57.5

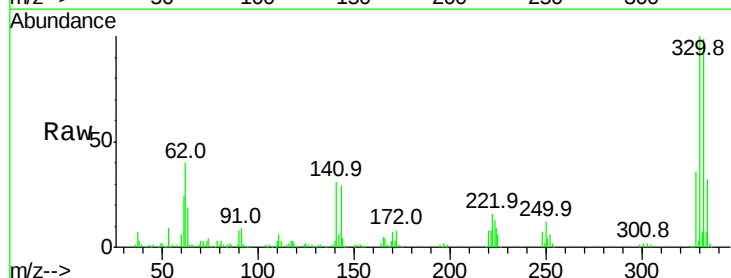


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

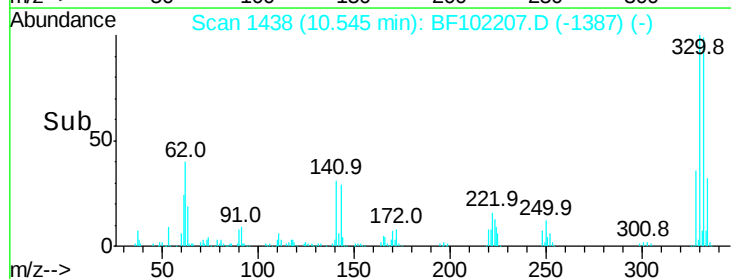
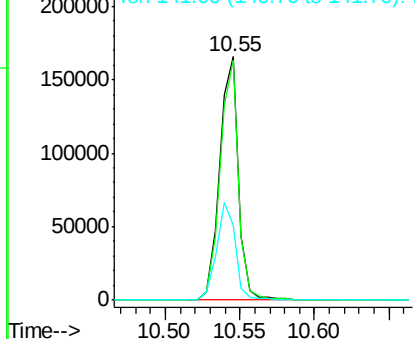


#41
2,4,6-Tribromophenol
Concen: 87.002 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102207.D
Acq: 18 Jan 2018 22:20

Tgt Ion:330 Resp: 147577
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 39.8 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

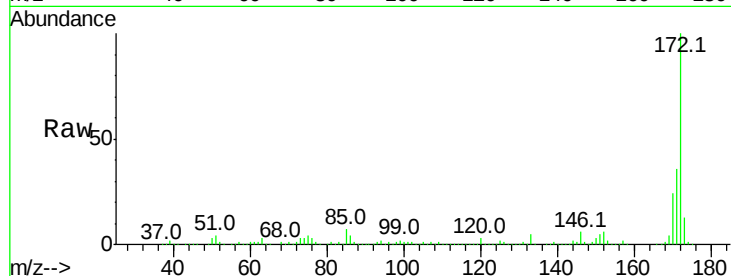




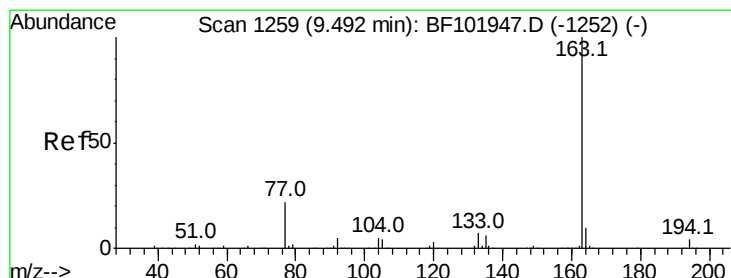
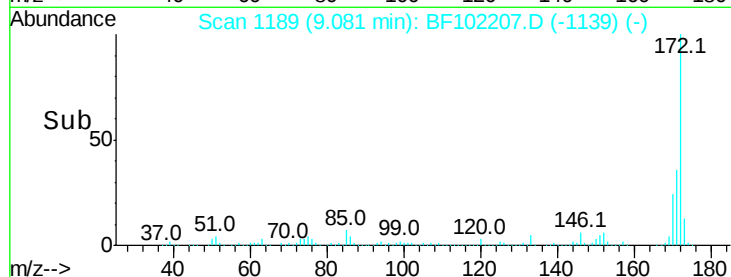
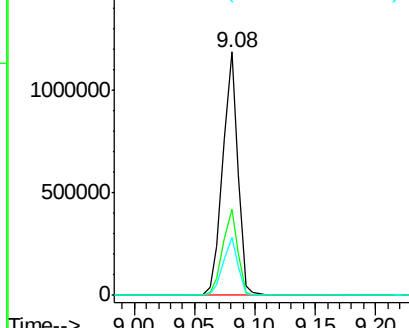
#44
2-Fluorobiphenyl
Concen: 82.566 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102207.D
Acq: 18 Jan 2018 22:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1027248
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 24.0 19.6 29.4

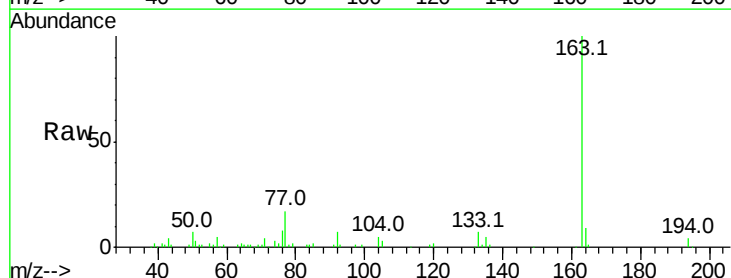


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

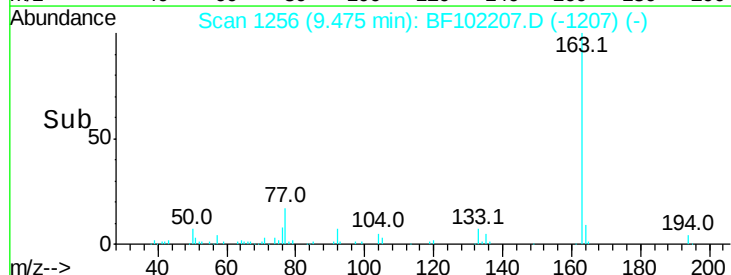
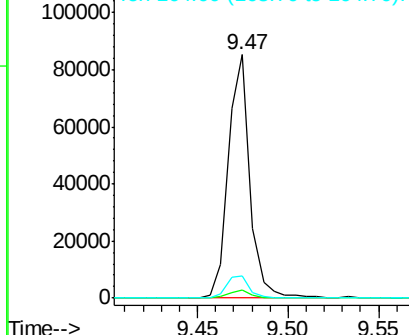


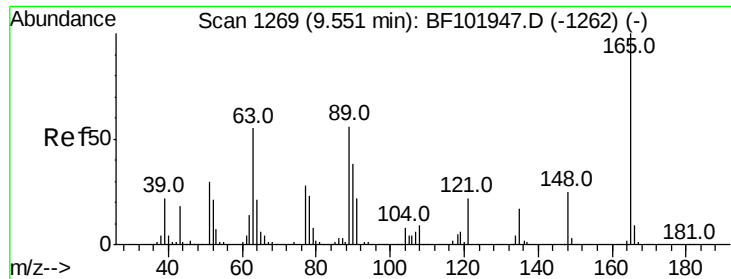
#49
Dimethylphthalate
Concen: 4.533 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102207.D
Acq: 18 Jan 2018 22:20

Tgt Ion:163 Resp: 70681
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.2 8.2 12.2



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

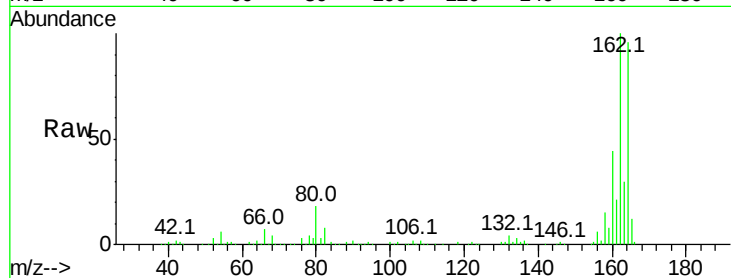




#50
 2,6-Dinitrotoluene
 Concen: 7.744 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.21 min
 Lab File: BF102207.D
 Acq: 18 Jan 2018 22:20

Instrument :
 BNA_F
 ClientSampleId :

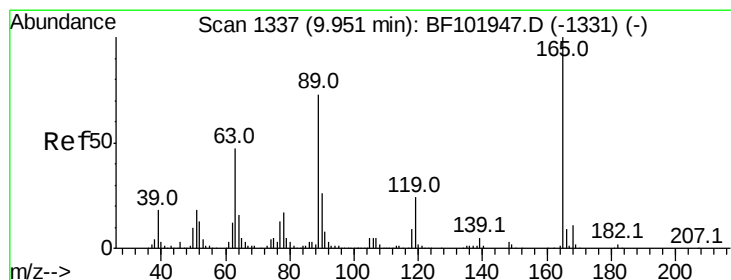
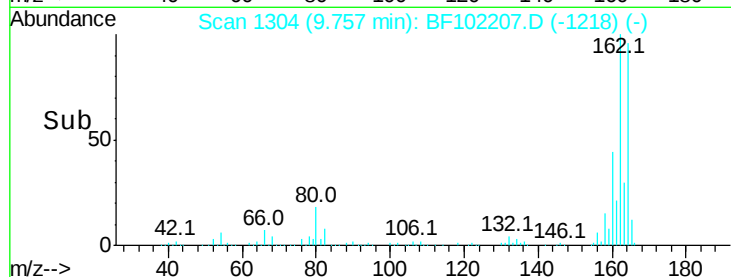
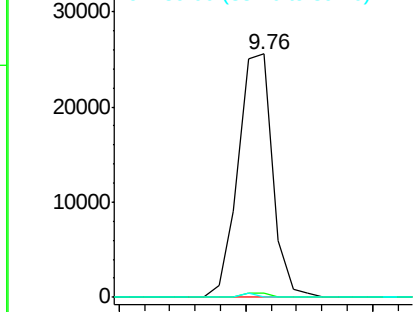
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

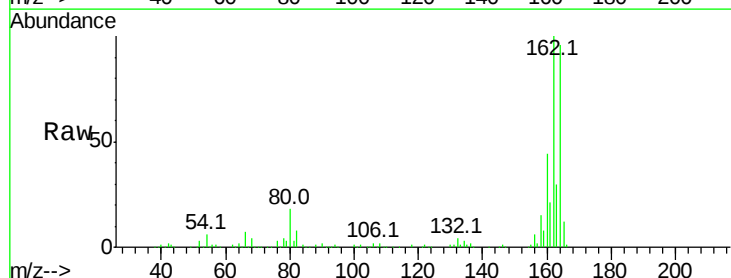
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 6.178 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF102207.D
 Acq: 18 Jan 2018 22:20

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

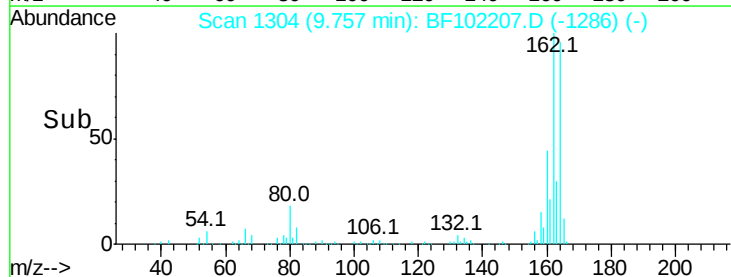
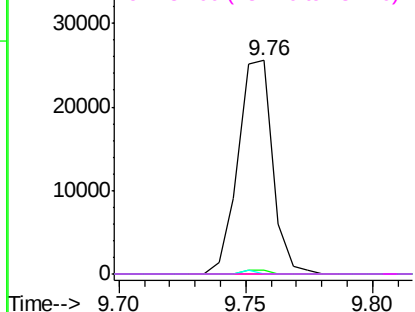


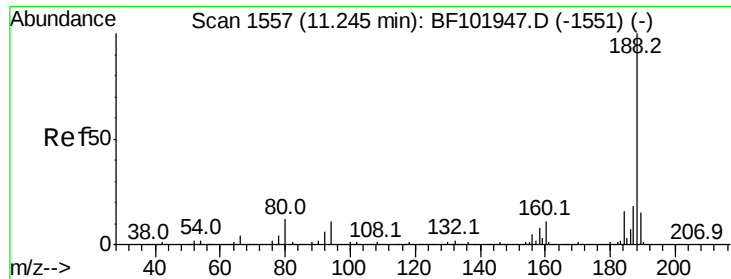
Abundance Ion 165.00 (164.70 to 165.70): E

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

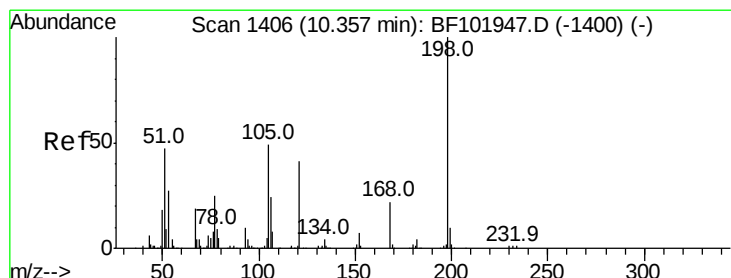
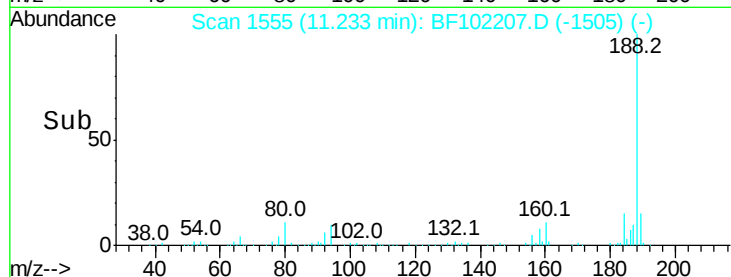
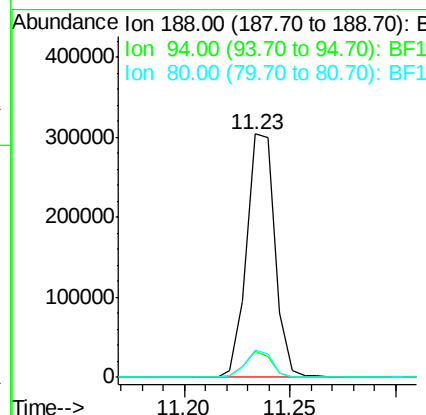
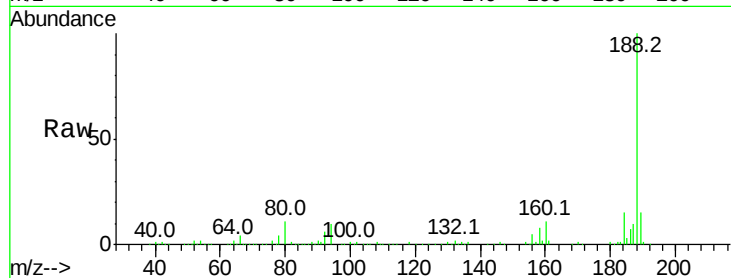




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102207.D
Acq: 18 Jan 2018 22:20

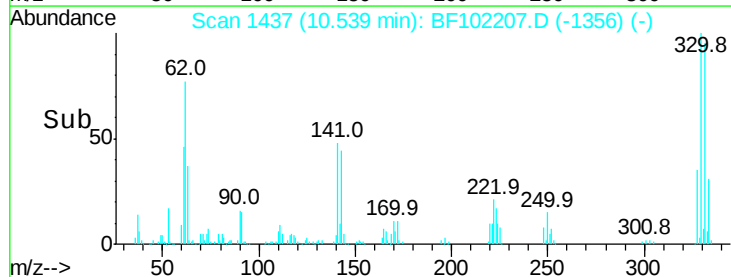
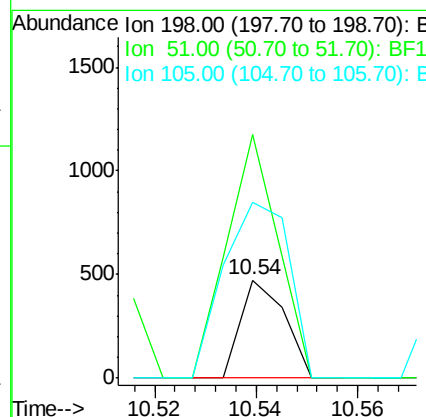
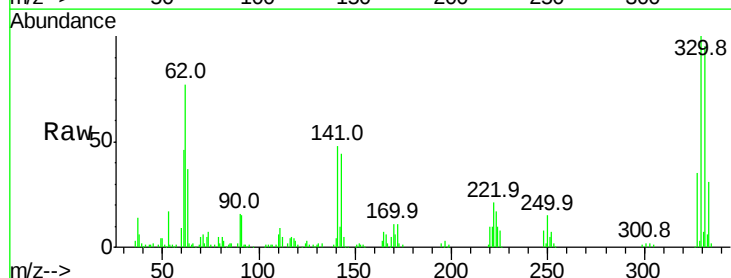
Instrument :
BNA_F
ClientSampleId :

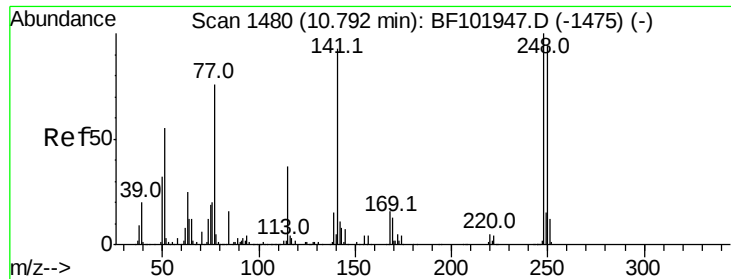
Tot Ion:188 Resp: 283235
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.828 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF102207.D
Acq: 18 Jan 2018 22:20

Tgt Ion:198 Resp: 289
Ion Ratio Lower Upper
198 100
51 247.9 37.7 77.7#
105 178.9 36.3 76.3#

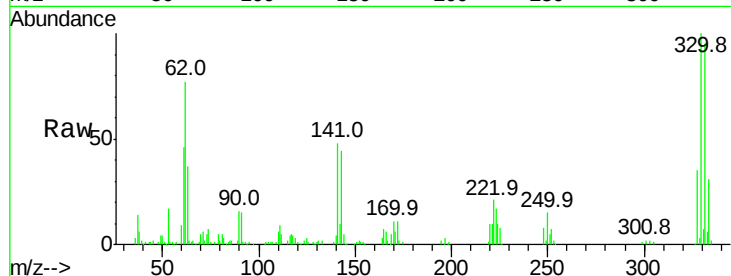




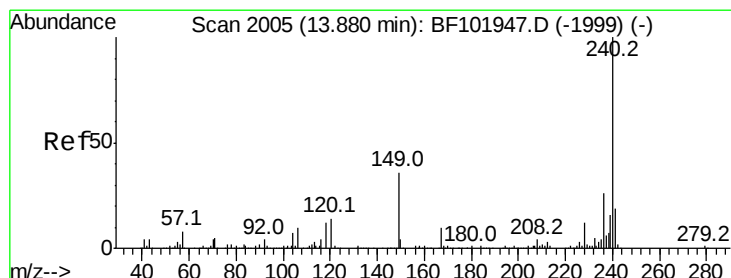
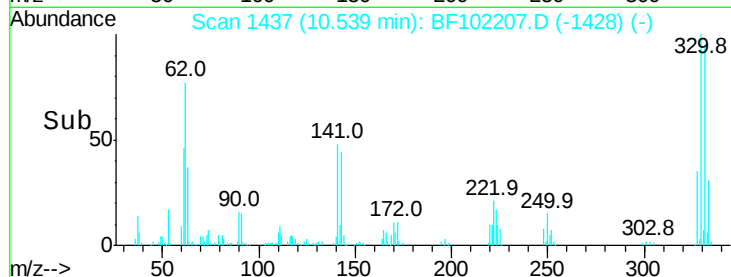
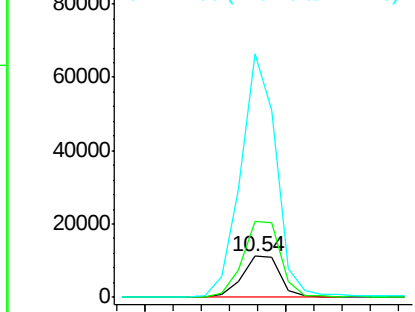
#66
4-Bromophenyl-phenylether
Concen: 3.488 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF102207.D
Acq: 18 Jan 2018 22:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 10432
Ion Ratio Lower Upper
248 100
250 184.6 76.9 115.3#
141 594.1 74.4 111.6#

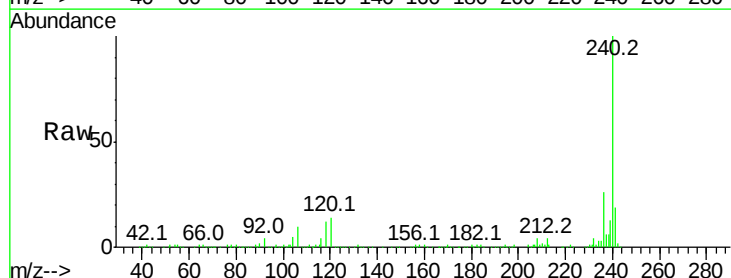


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

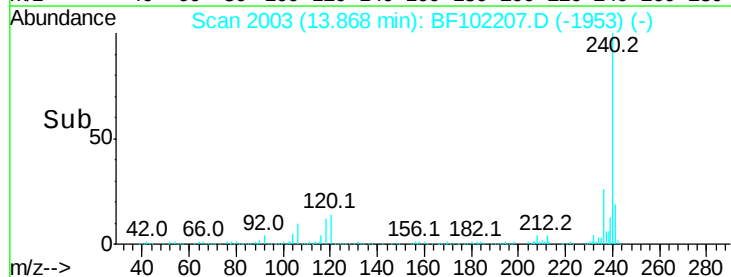
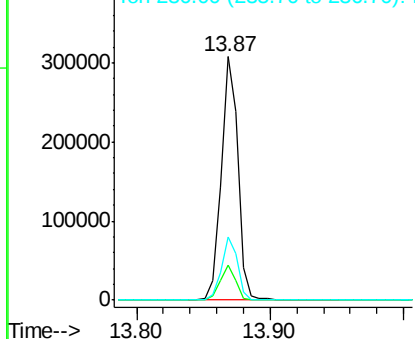


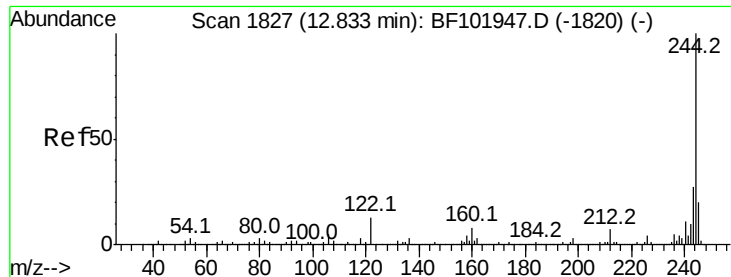
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102207.D
Acq: 18 Jan 2018 22:20

Tgt Ion:240 Resp: 271920
Ion Ratio Lower Upper
240 100
120 14.5 9.5 14.3#
236 26.0 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

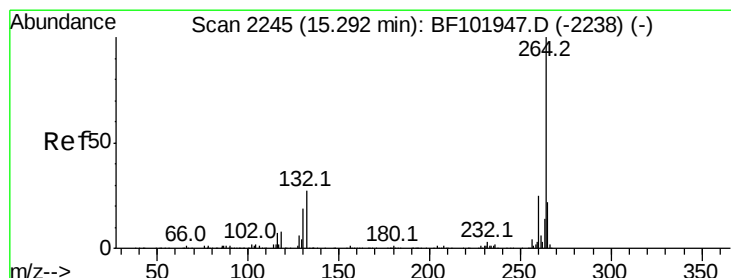
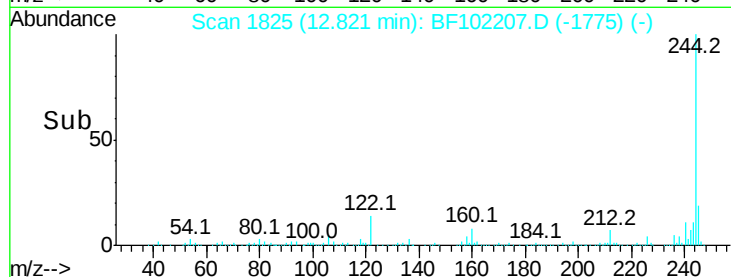
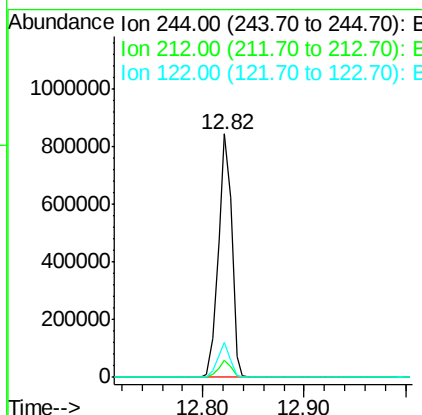
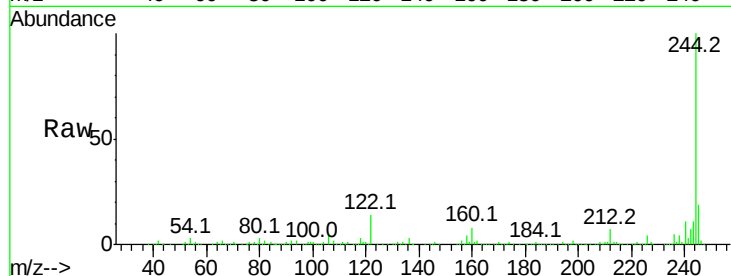




#78
 Terphenyl-d14
 Concen: 58.744 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102207.D
 Acq: 18 Jan 2018 22:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 769347
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BF102207.D
 Acq: 18 Jan 2018 22:20

Tgt Ion:264 Resp: 244322
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.8 17.5 26.3

