

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102168.D
 Acq On : 17 Jan 2018 23:28
 Operator : SJ/JU
 Sample : J1163-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 18 01:13:28 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	150401	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	587367	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	245164	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	362162	20.00	ng	0.00
75) Chrysene-d12	13.87	240	255459	20.00	ng	0.00
86) Perylene-d12	15.29	264	252057	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	880706	82.69	ng	0.01
7) Phenol-d6	6.36	99	1042813	82.06	ng	0.00
23) Nitrobenzene-d5	7.29	82	639838	64.01	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	192153	89.81	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1045561	66.63	ng	0.00
78) Terphenyl-d14	12.82	244	677604	55.07	ng	0.00

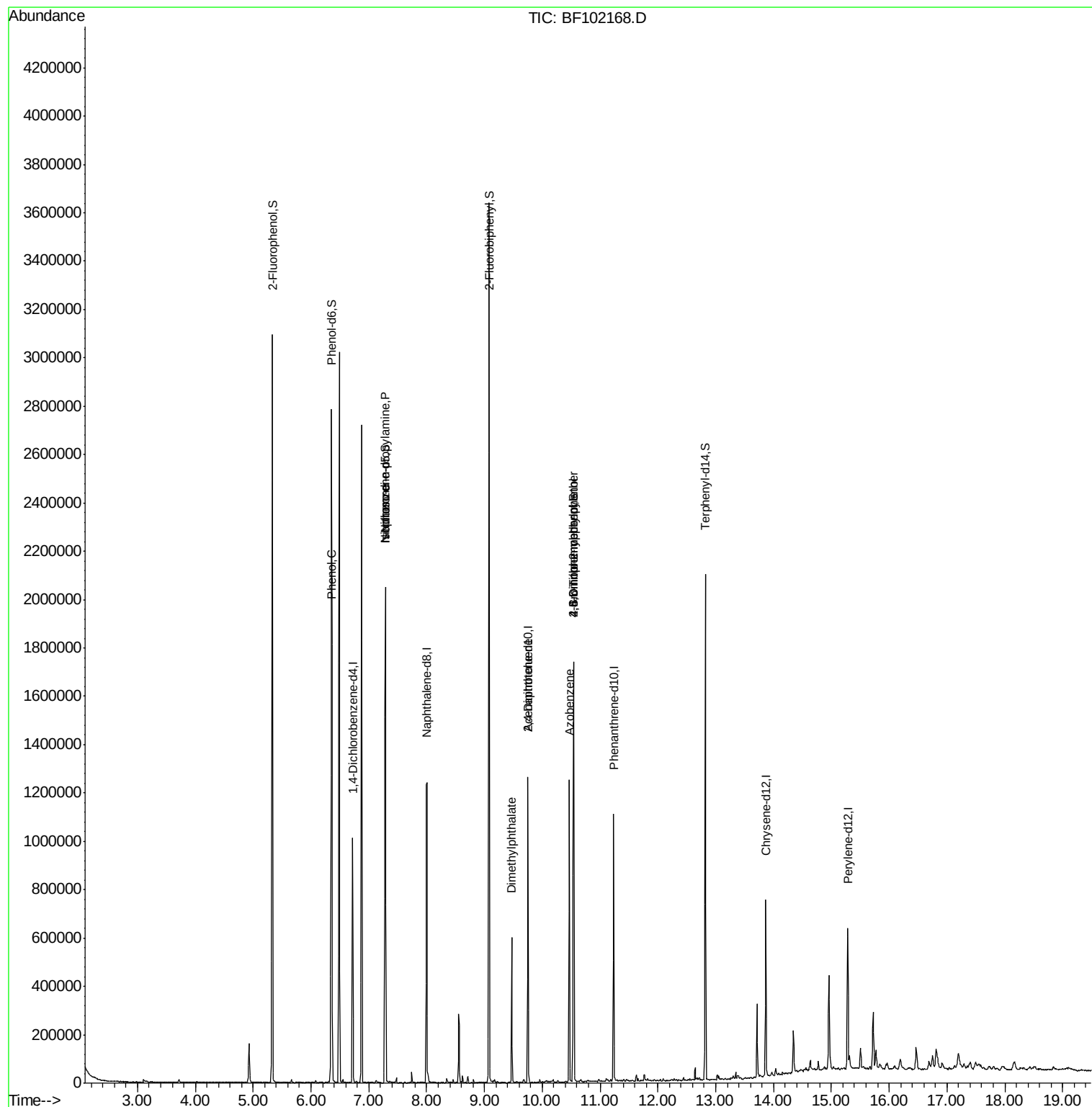
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	47233	3.289	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	86473	10.384	ng	# 80
25) Isophorone	7.29	82	633025	32.052	ng	# 64
49) Dimethylphthalate	9.47	163	226384	11.511	ng	100
56) 2,4-Dinitrotoluene	9.75	165	30460	6.186	ng	# 23
62) Azobenzene	10.47	77	194200	9.977	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.54	198	199	5.751	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	13145	3.437	ng	# 1

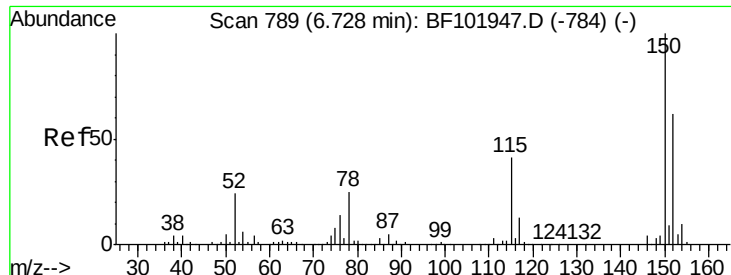
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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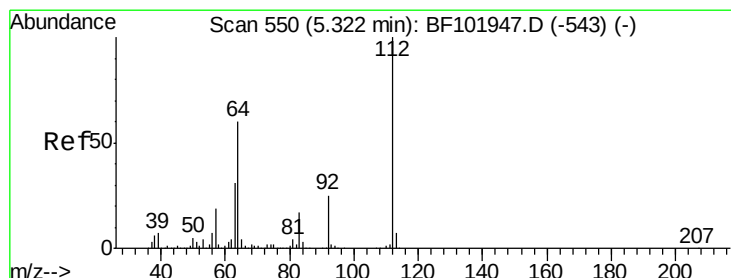
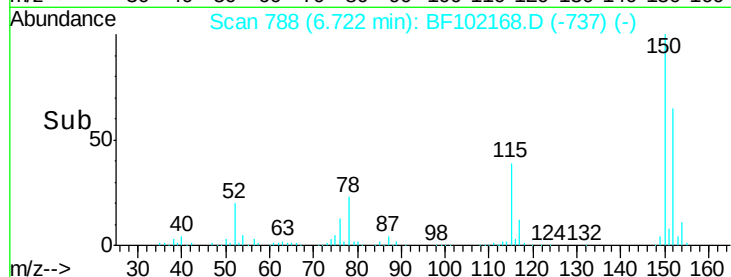
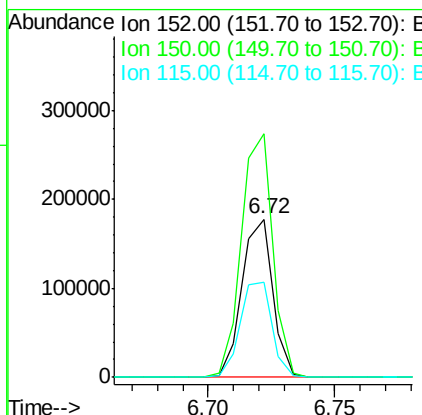
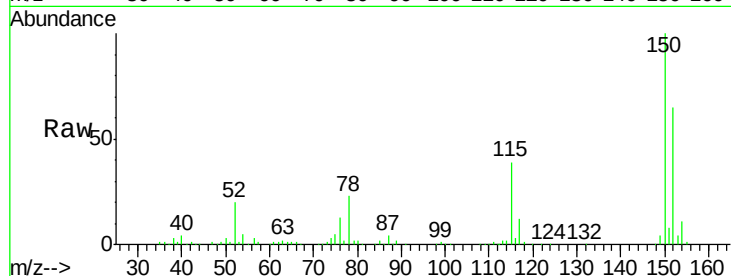


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102168.D
Acq: 17 Jan 2018 23:28

Instrument :
BNA_F
ClientSampleId :

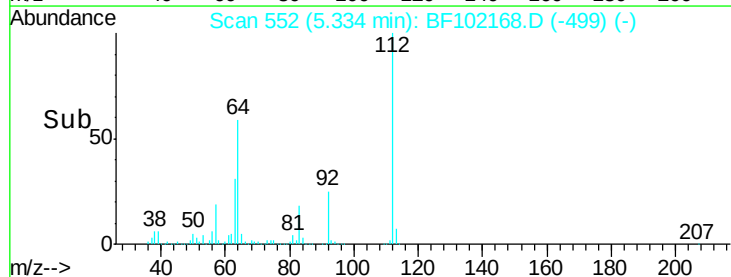
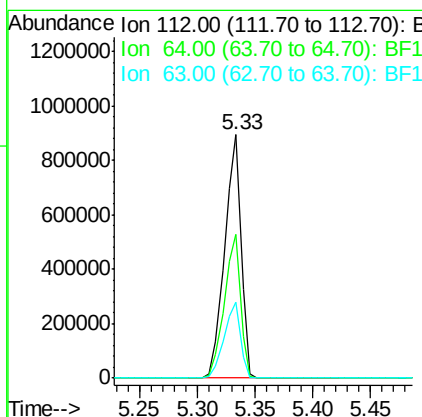
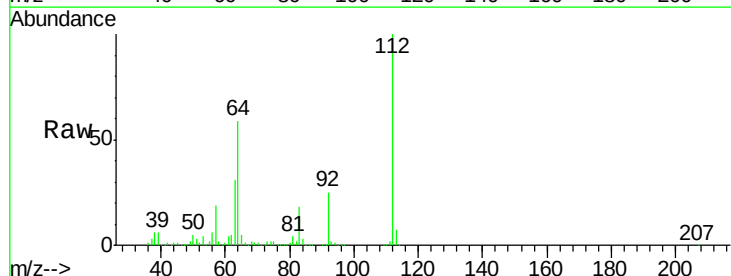
Tot Ion:152 Resp: 150401
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 59.8 50.1 75.1

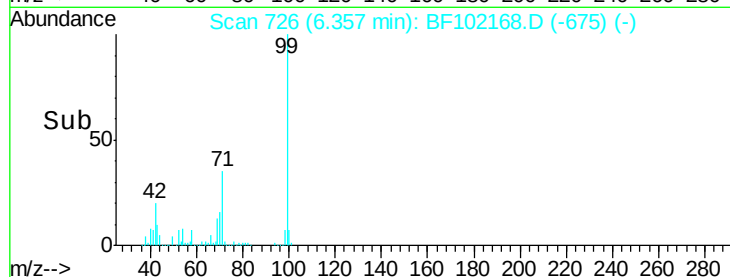
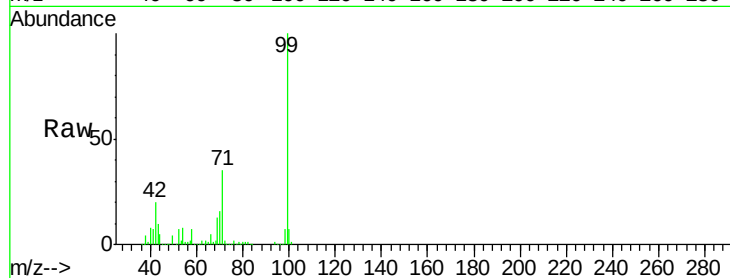
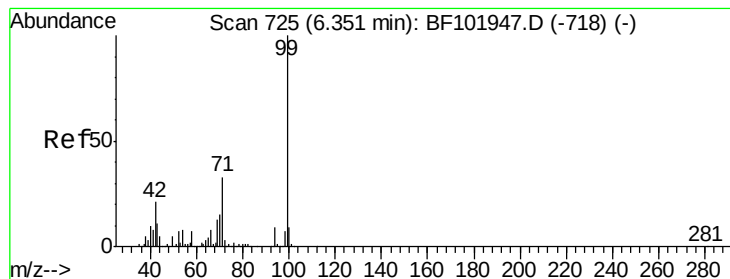


#5

2-Fluorophenol
Concen: 82.688 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102168.D
Acq: 17 Jan 2018 23:28

Tgt Ion:112 Resp: 880706
Ion Ratio Lower Upper
112 100
64 59.0 47.9 71.9
63 31.0 23.7 35.5





#7

Phenol-d6

Concen: 82.061 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102168.D

Acq: 17 Jan 2018 23:28

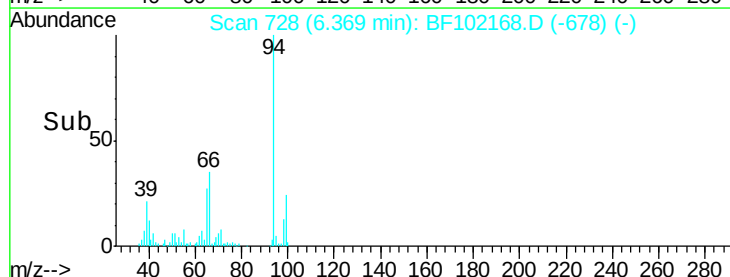
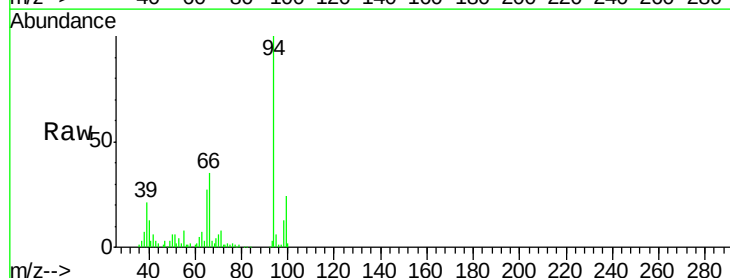
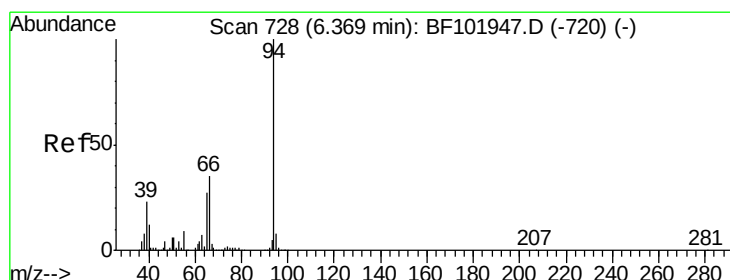
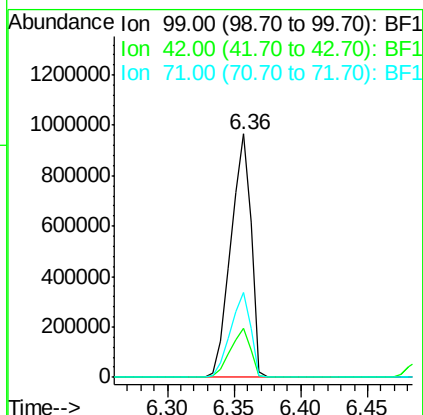
Tot Ion: 99 Resp: 1042813

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	34.7	25.4	38.0

Instrument :

BNA_F

ClientSampleId :



#10

Phenol

Concen: 3.289 ng

RT: 6.37 min Scan# 728

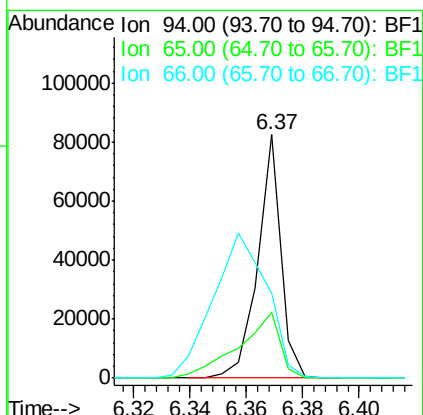
Delta R.T. -0.01 min

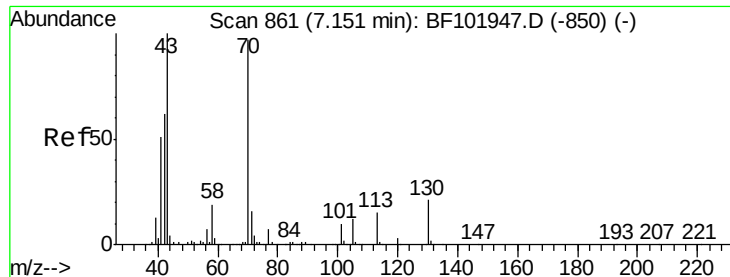
Lab File: BF102168.D

Acq: 17 Jan 2018 23:28

Tgt Ion: 94 Resp: 47233

Ion	Ratio	Lower	Upper
94	100		
65	26.9	7.9	47.9
66	34.9	16.2	56.2

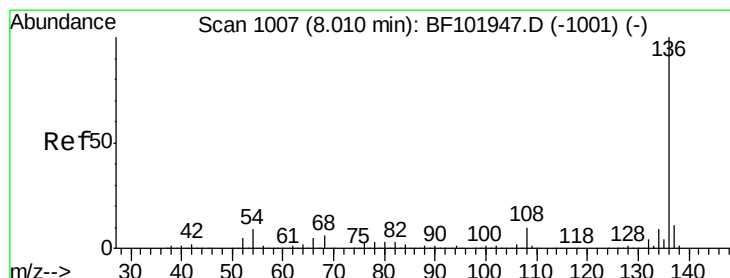
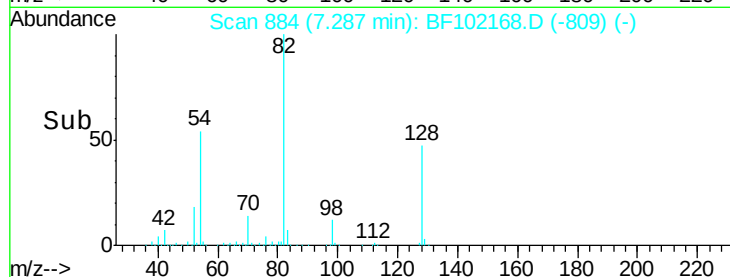
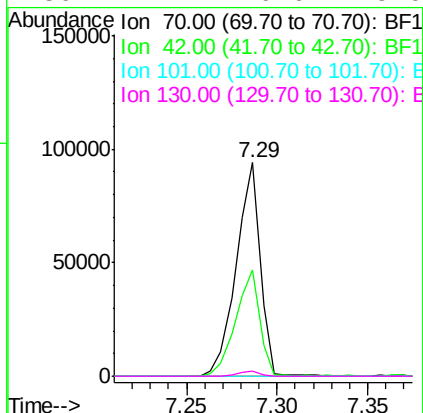
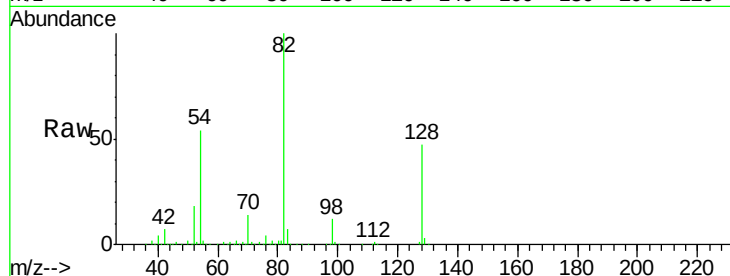




#19
n-Nitroso-di-n-propylamine
Concen: 10.384 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102168.D
Acq: 17 Jan 2018 23:28

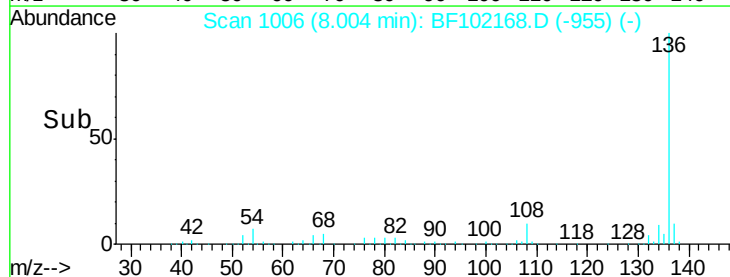
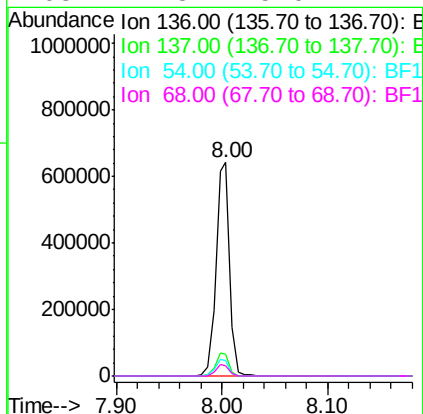
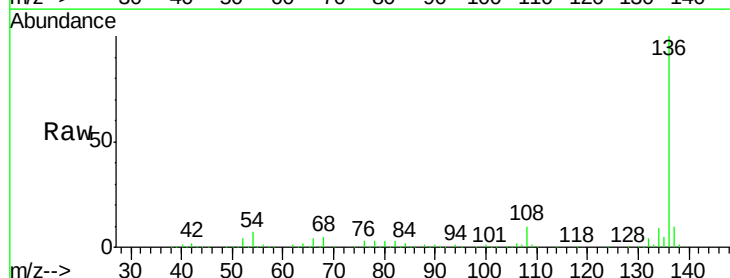
Instrument :
BNA_F
ClientSampled :

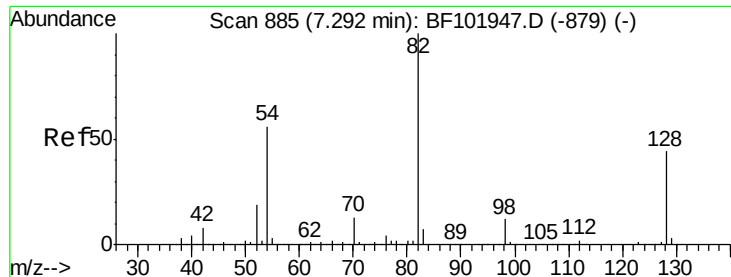
Tot Ion: 70 Resp: 86473
Ion Ratio Lower Upper
70 100
42 49.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102168.D
Acq: 17 Jan 2018 23:28

Tgt Ion:136 Resp: 587367
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 7.1 6.6 9.8
68 4.8 5.0 7.4#

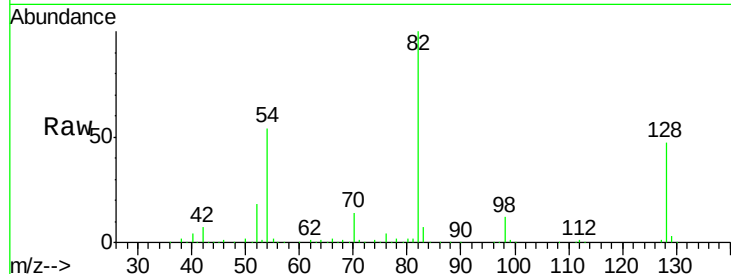




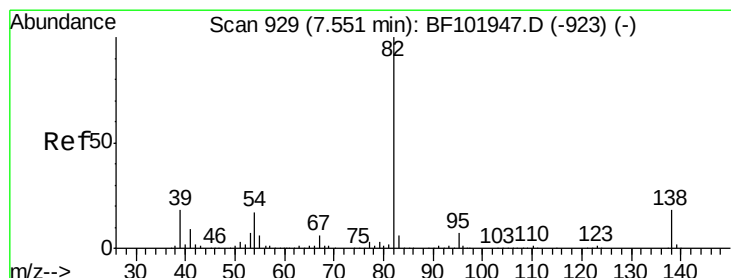
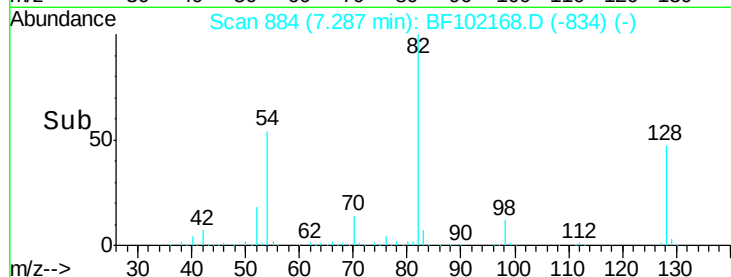
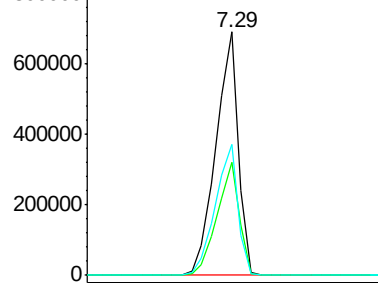
#23
Nitrobenzene-d5
Concen: 64.014 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102168.D
Acq: 17 Jan 2018 23:28

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 639838
Ion Ratio Lower Upper
82 100
128 46.6 36.1 54.1
54 53.7 41.4 62.2

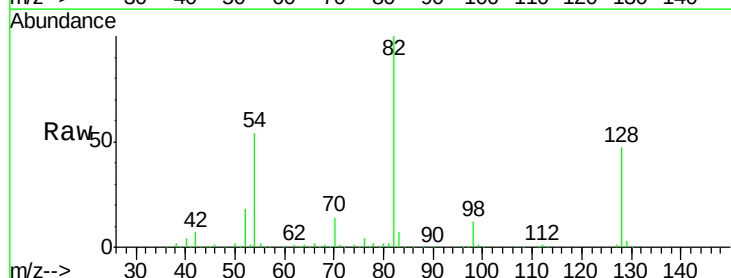


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

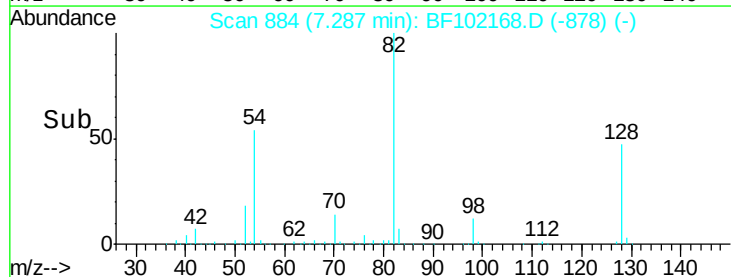
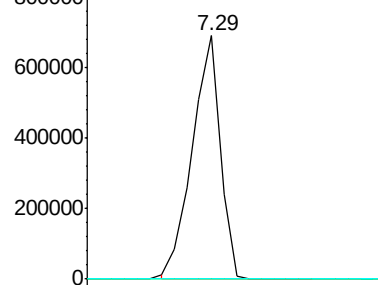


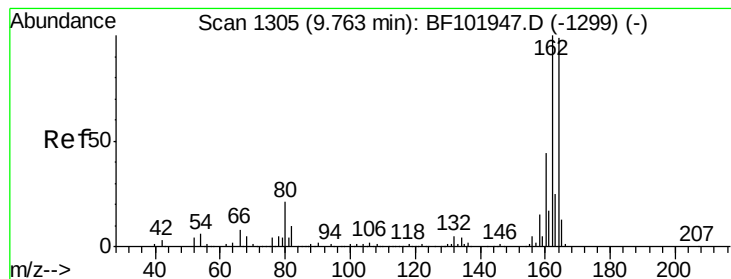
#25
Isophorone
Concen: 32.052 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102168.D
Acq: 17 Jan 2018 23:28

Tgt Ion: 82 Resp: 633025
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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102168.D

Acq: 17 Jan 2018 23:28

Instrument :

BNA_F

ClientSampleId :

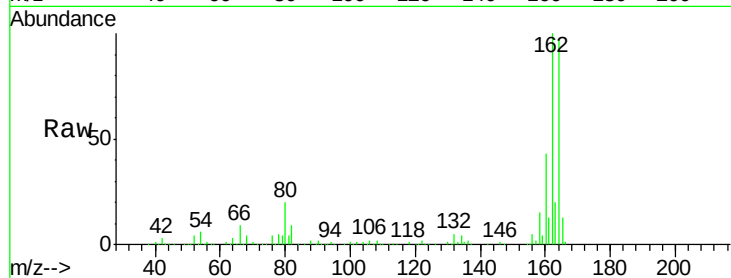
Tot Ion:164 Resp: 245164

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

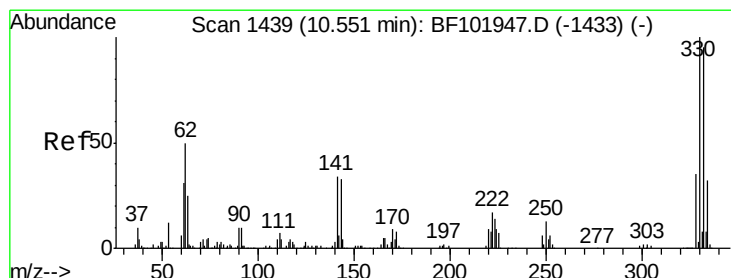
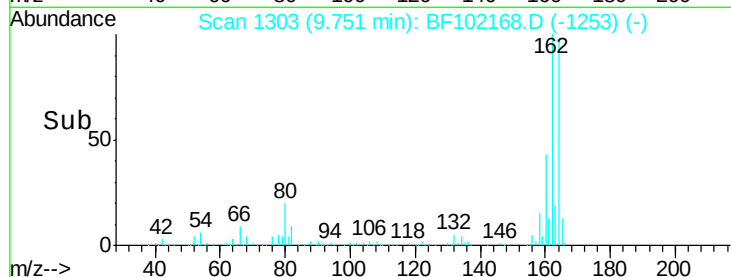
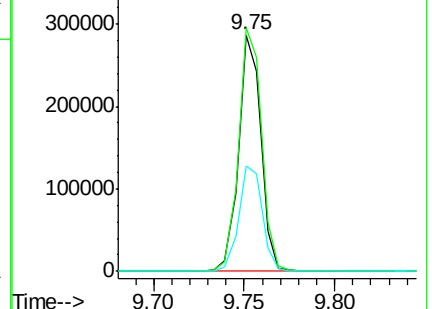
160 44.8 38.3 57.5



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: 89.811 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102168.D

Acq: 17 Jan 2018 23:28

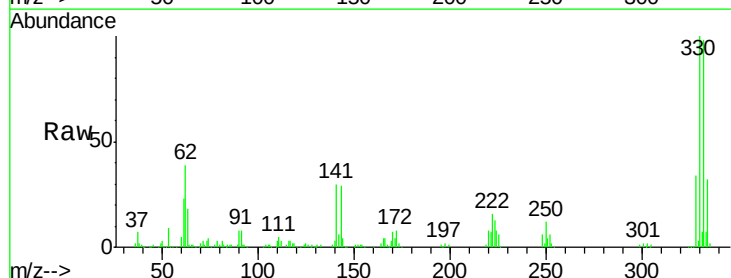
Tgt Ion:330 Resp: 192153

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

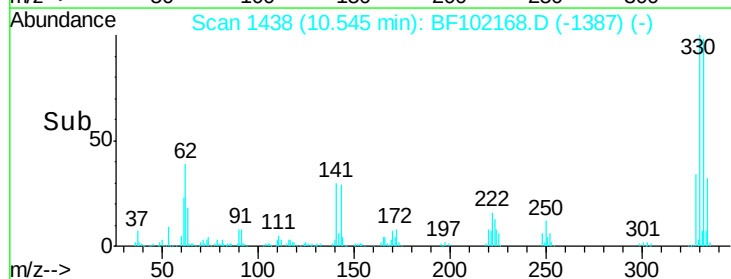
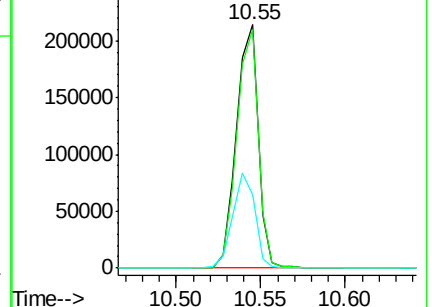
141 39.5 29.9 44.9

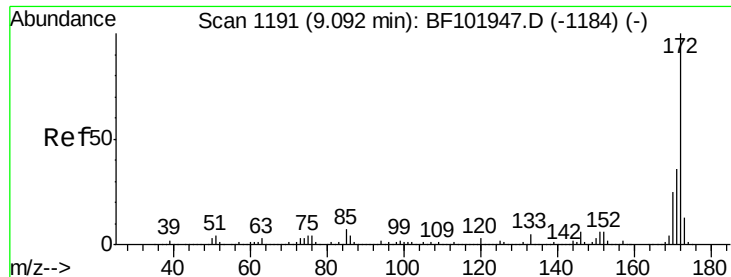


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

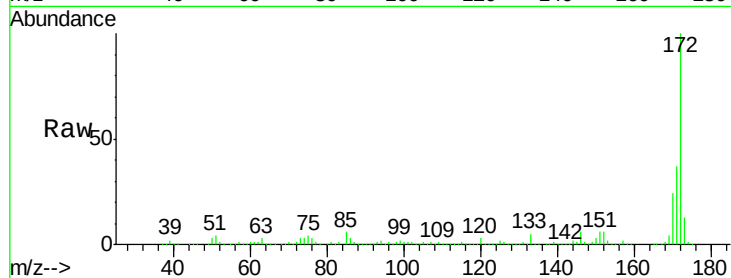




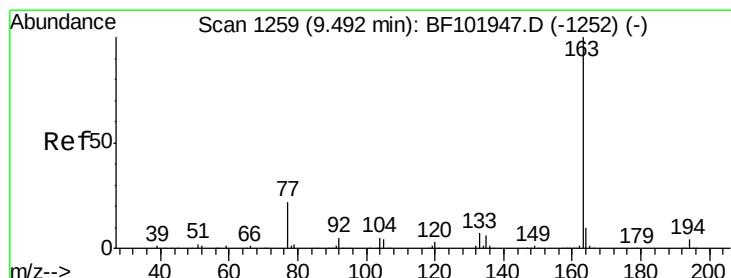
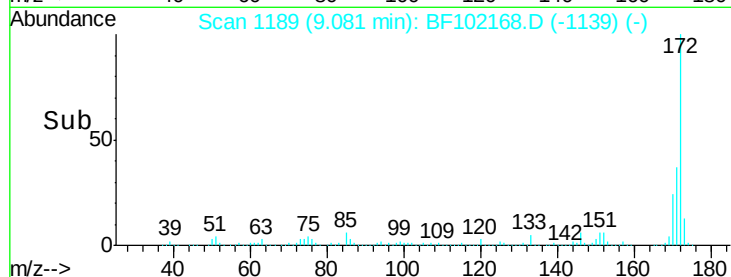
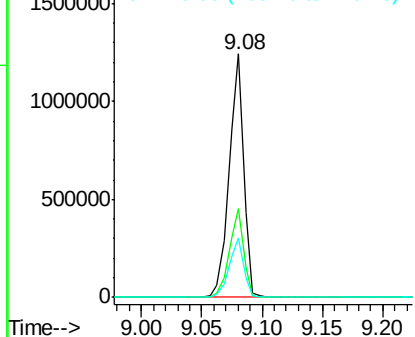
#44
2-Fluorobiphenyl
Concen: 66.627 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102168.D
Acq: 17 Jan 2018 23:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1045561
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.3 19.6 29.4

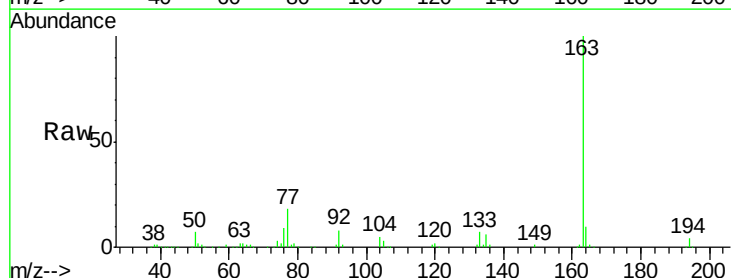


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

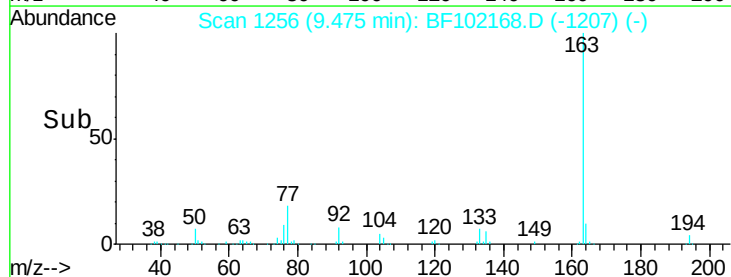
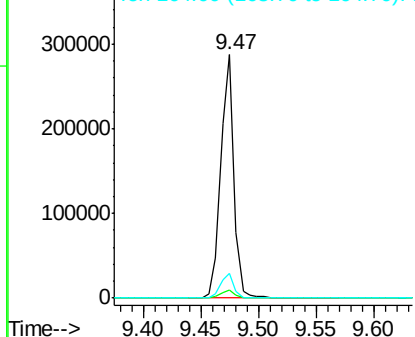


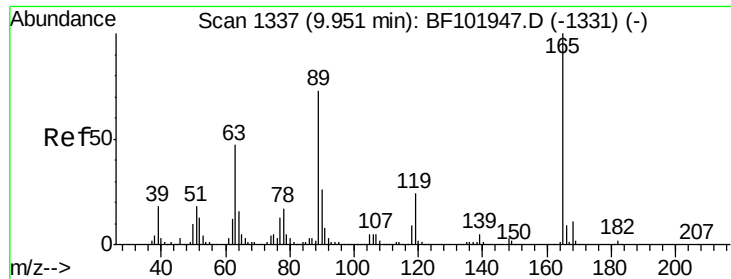
#49
Dimethylphthalate
Concen: 11.511 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102168.D
Acq: 17 Jan 2018 23:28

Tgt Ion:163 Resp: 226384
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 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

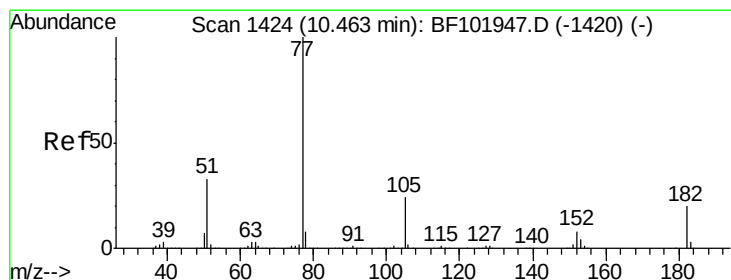
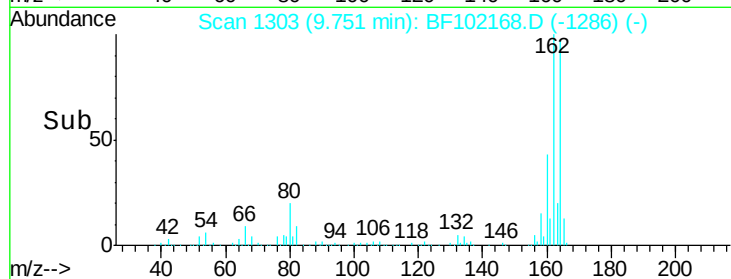
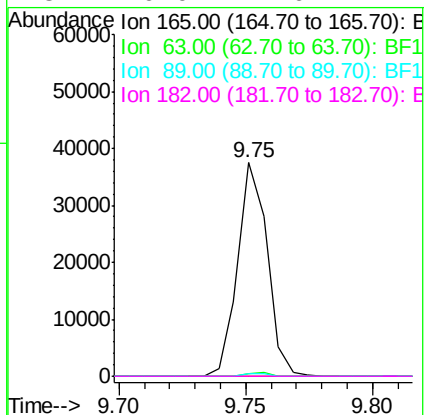
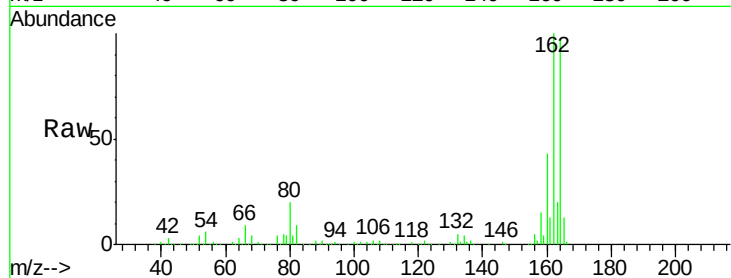




#56
2,4-Dinitrotoluene
Concen: 6.186 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102168.D
Acq: 17 Jan 2018 23:28

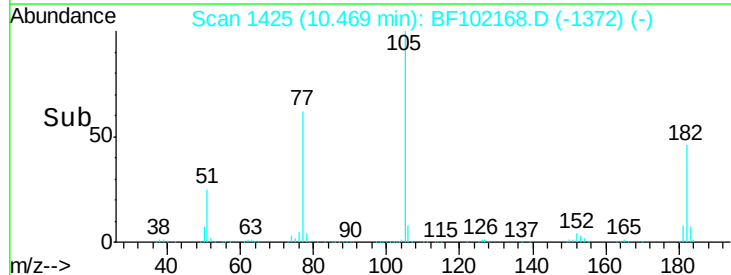
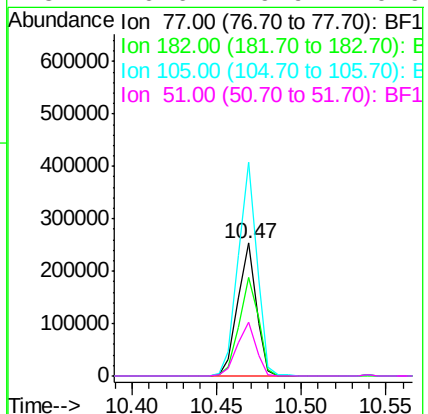
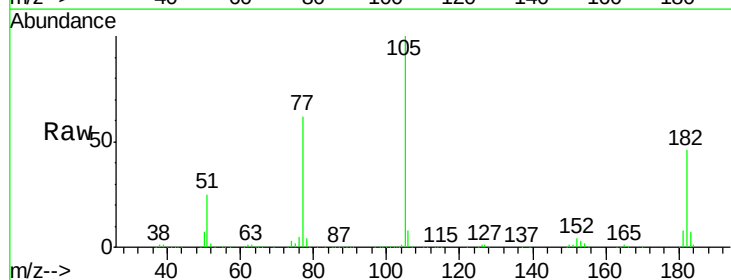
Instrument :
BNA_F
ClientSampleId :

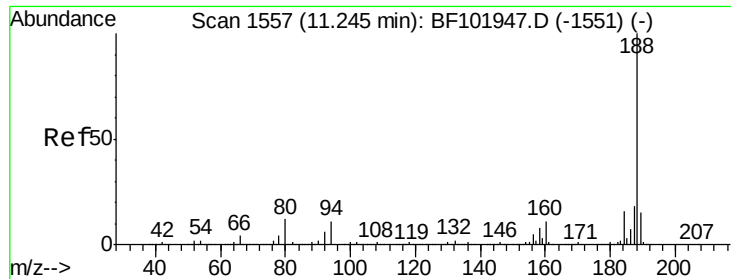
Tot Ion:165 Resp: 30460
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 1.1 57.8 86.6#
182 0.0 1.6 2.4#



#62
Azobenzene
Concen: 9.977 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF102168.D
Acq: 17 Jan 2018 23:28

Tgt Ion: 77 Resp: 194200
Ion Ratio Lower Upper
77 100
182 74.8 1.7 41.7#
105 161.1 3.0 43.0#
51 40.6 9.9 49.9

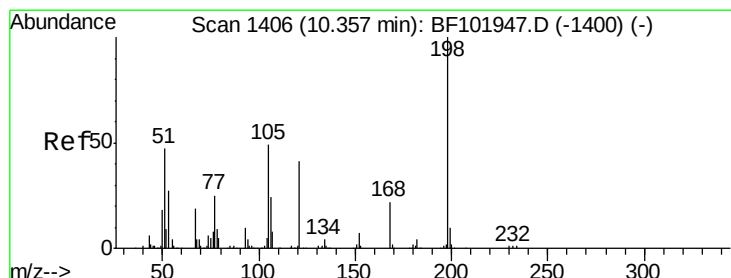
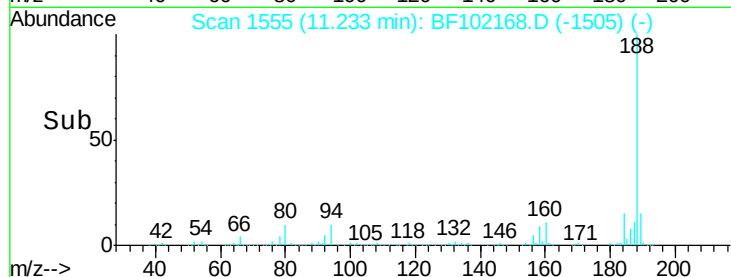
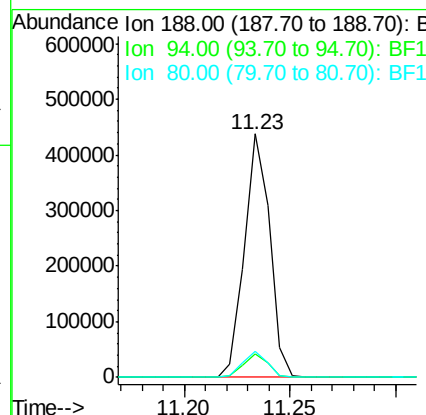
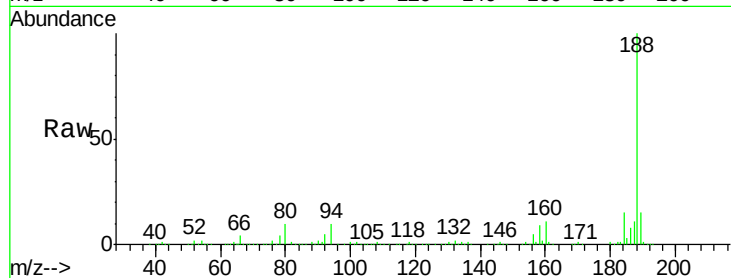




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102168.D
Acq: 17 Jan 2018 23:28

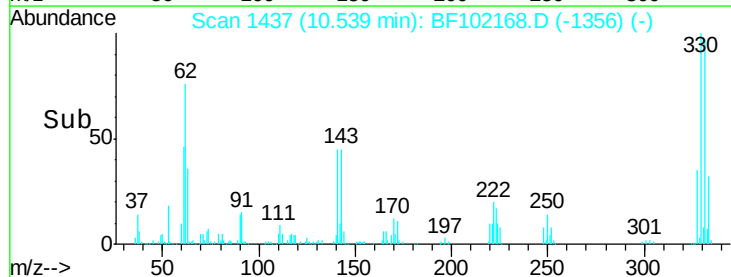
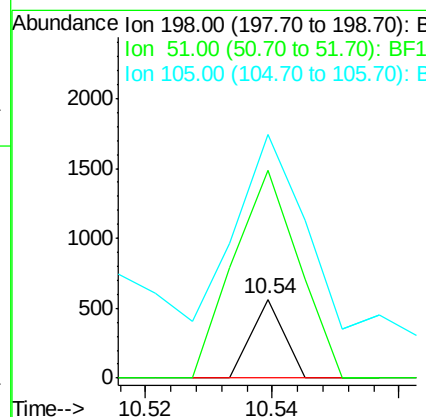
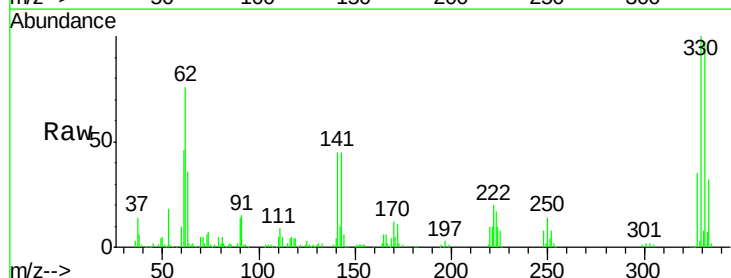
Instrument :
BNA_F
ClientSampled :

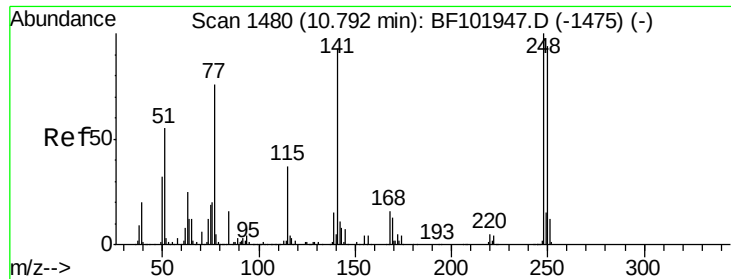
Tot Ion:188 Resp: 362162
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.751 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF102168.D
Acq: 17 Jan 2018 23:28

Tgt Ion:198 Resp: 199
Ion Ratio Lower Upper
198 100
51 263.8 37.7 77.7#
105 309.4 36.3 76.3#

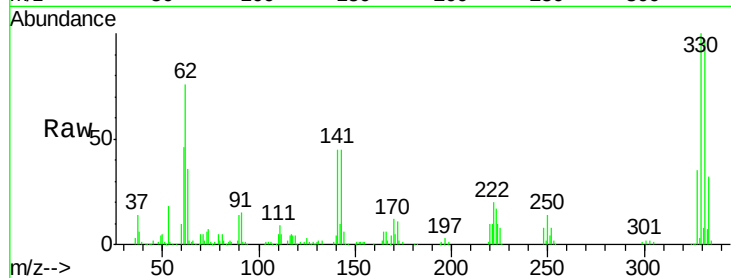




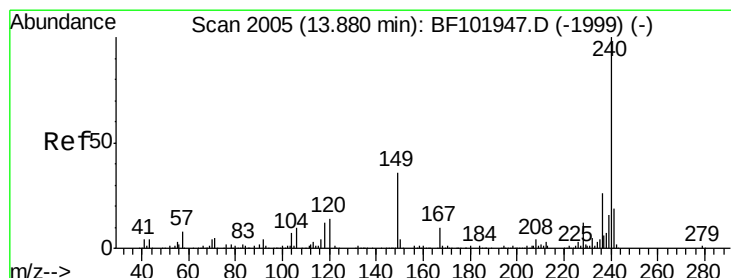
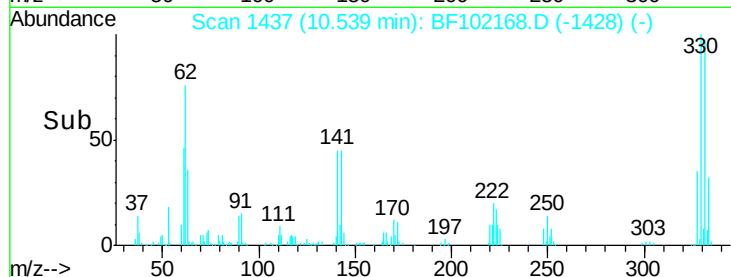
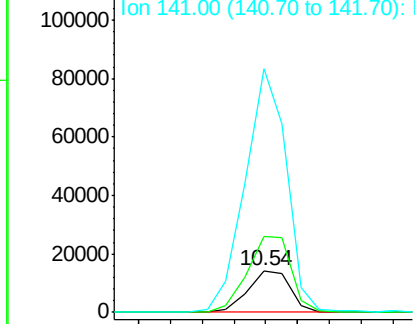
#66
4-Bromophenyl-phenylether
Concen: 3.437 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF102168.D
Acq: 17 Jan 2018 23:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 13145
Ion Ratio Lower Upper
248 100
250 180.8 76.9 115.3#
141 583.8 74.4 111.6#

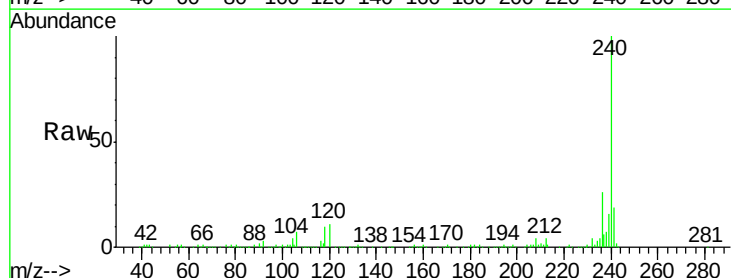


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

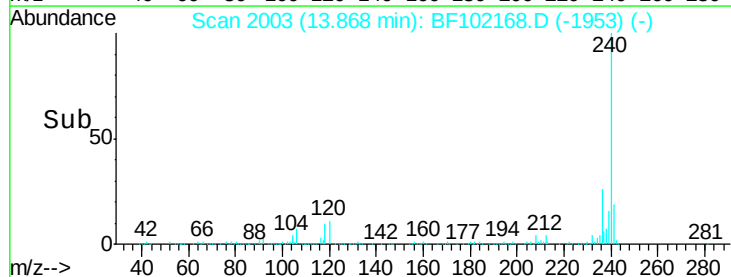
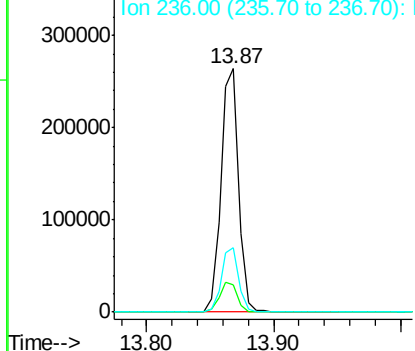


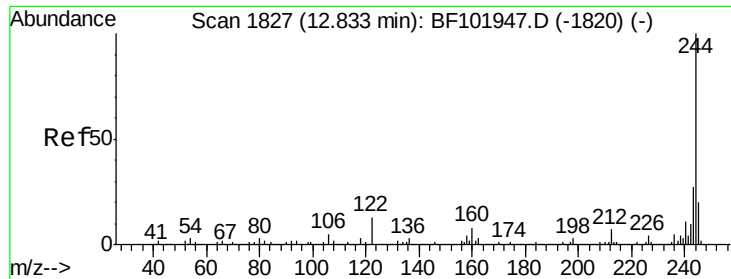
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102168.D
Acq: 17 Jan 2018 23:28

Tgt Ion:240 Resp: 255459
Ion Ratio Lower Upper
240 100
120 11.4 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

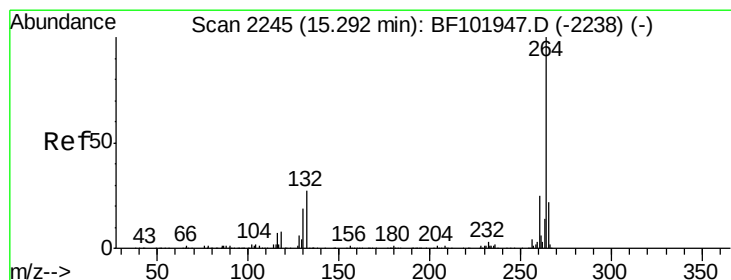
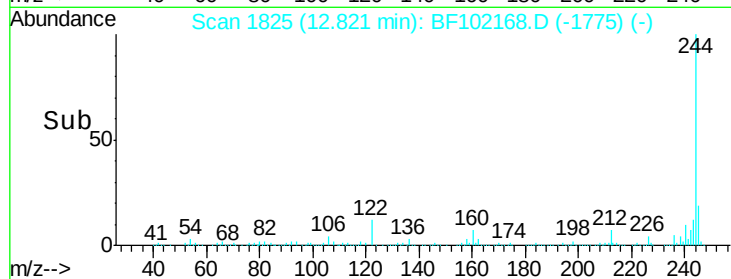
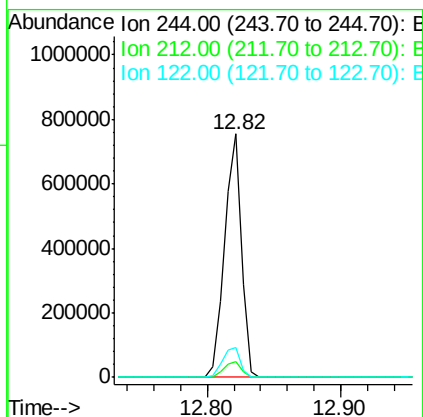
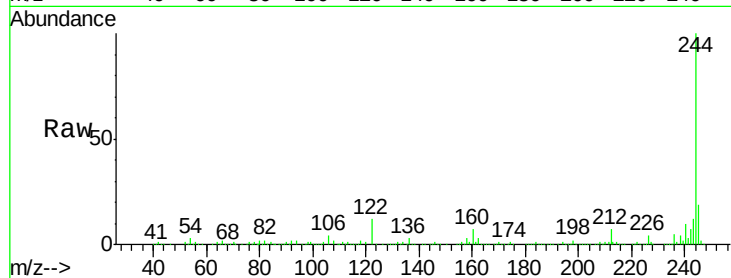




#78
 Terphenyl-d14
 Concen: 55.073 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102168.D
 Acq: 17 Jan 2018 23:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 677604
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.3 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: BF102168.D
 Acq: 17 Jan 2018 23:28

Tgt Ion:264 Resp: 252057
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 20.8 17.5 26.3

