

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105071.D
 Acq On : 3 May 2018 10:06
 Operator : JU/SJ
 Sample : J2666-07
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 03 11:05:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

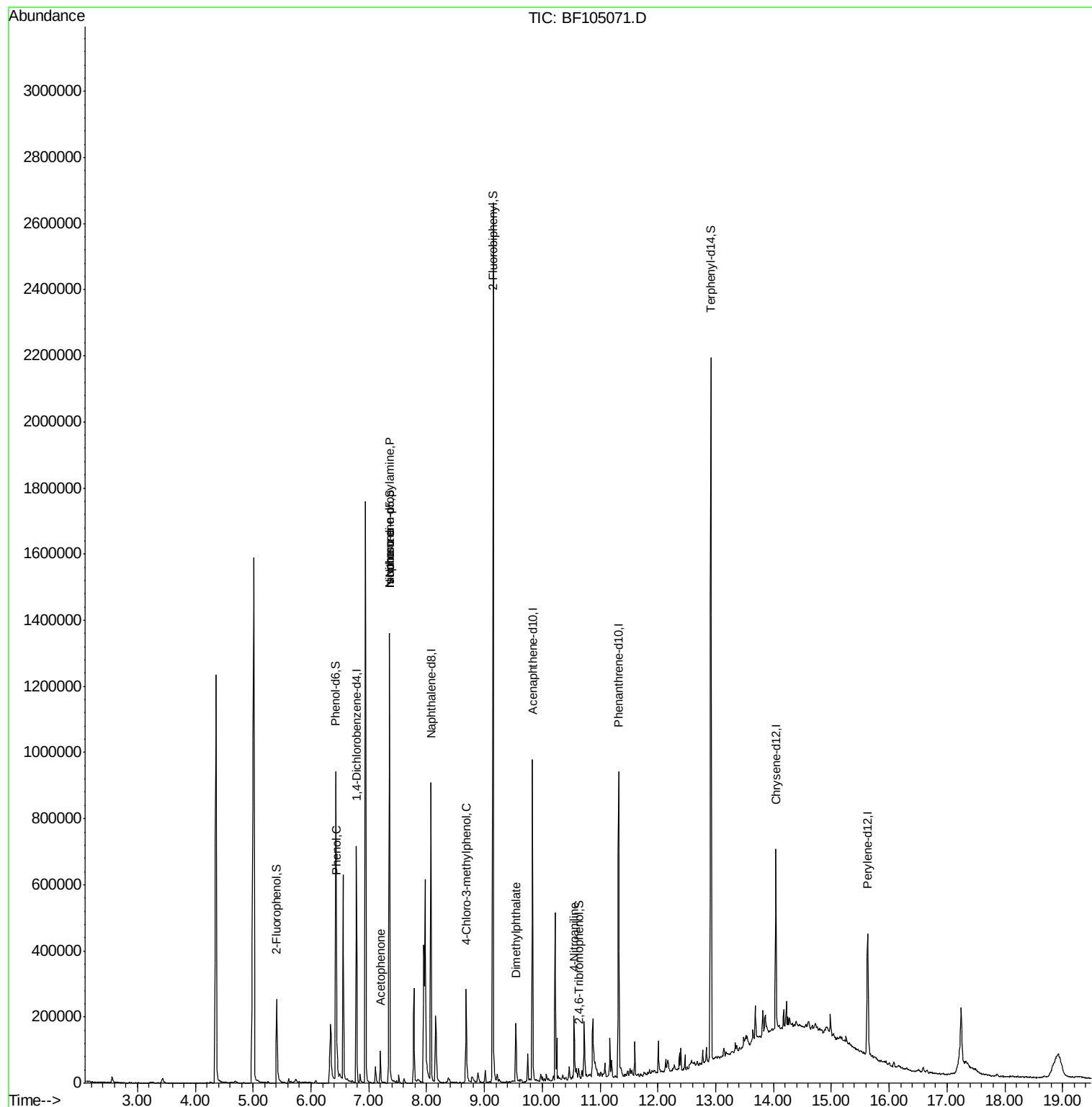
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	101409	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	414001	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	191239	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	321137	20.00	ng	0.00
75) Chrysene-d12	14.04	240	205756	20.00	ng	0.00
86) Perylene-d12	15.63	264	193983	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	100028	15.08	ng	0.00
7) Phenol-d6	6.43	99	438293	53.79	ng	-0.01
23) Nitrobenzene-d5	7.36	82	451990	71.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	4636	2.34	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	872591	72.08	ng	0.00
78) Terphenyl-d14	12.92	244	723214	80.13	ng	0.00
Target Compounds						
10) Phenol	6.45	94	48998	5.667	ng	96
19) n-Nitroso-di-n-propylamine	7.36	70	57243	10.750	ng	# 72
22) Acetophenone	7.20	105	34104	3.346	ng	# 92
25) Isophorone	7.36	82	448187	33.429	ng	# 64
36) 4-Chloro-3-methylphenol	8.68	107	40350	6.665	ng	# 20
49) Dimethylphthalate	9.55	163	82465	5.468	ng	98
61) 4-Nitroaniline	10.55	138	12930	4.048	ng	# 23
76) Benzidine	12.92	184	9287	Below Cal	#	95

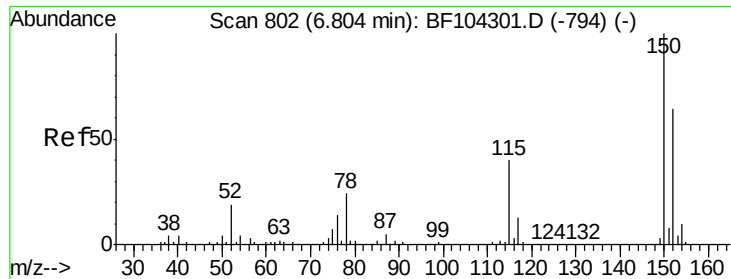
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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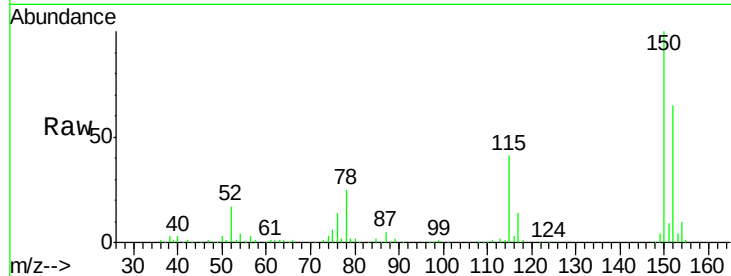




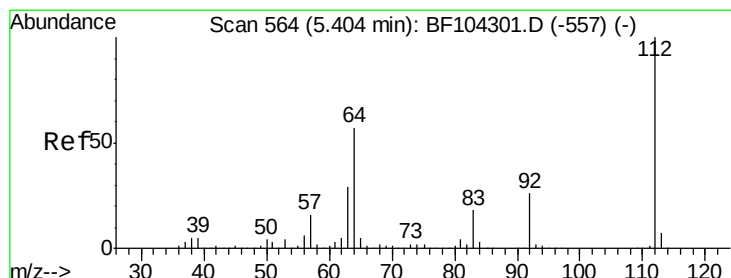
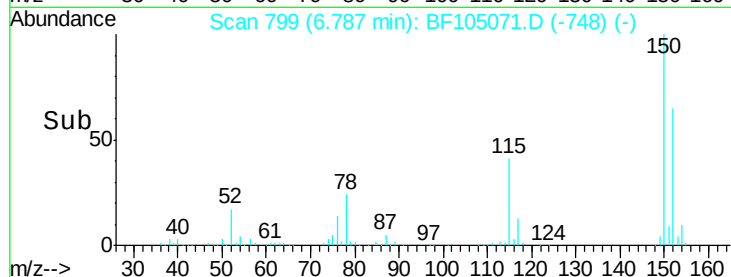
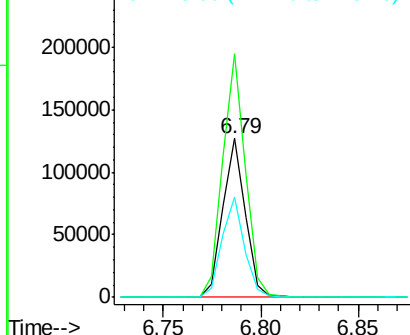
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF105071.D
 Acq: 3 May 2018 10:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 101409
 Ion Ratio Lower Upper
 152 100
 150 153.3 124.6 186.8
 115 63.1 50.1 75.1

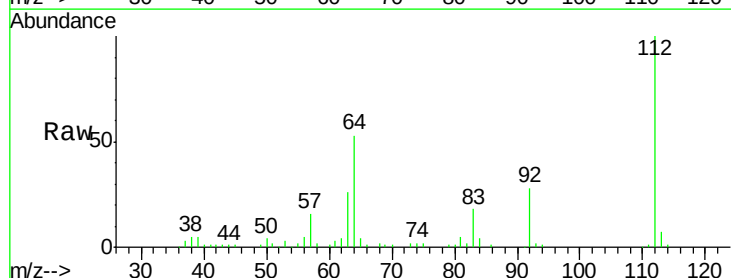


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

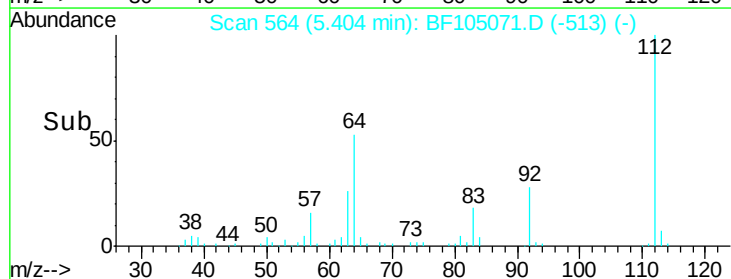
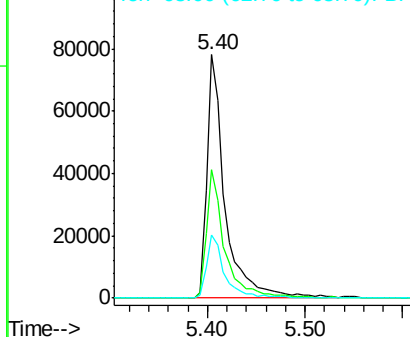


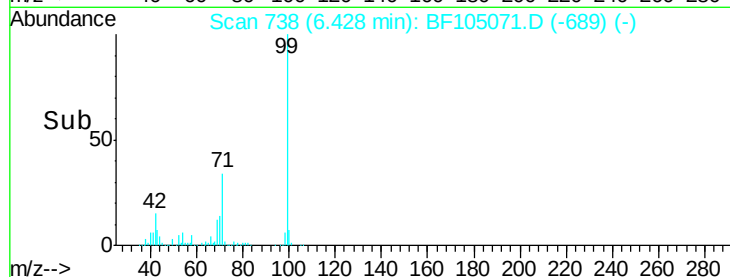
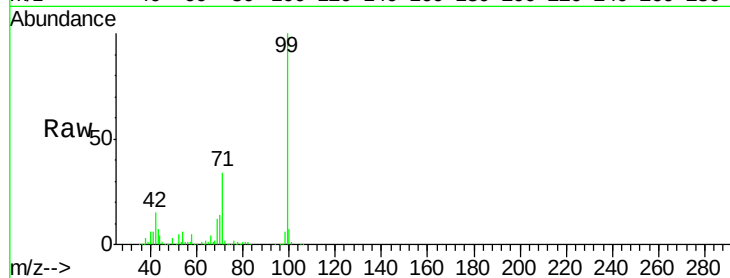
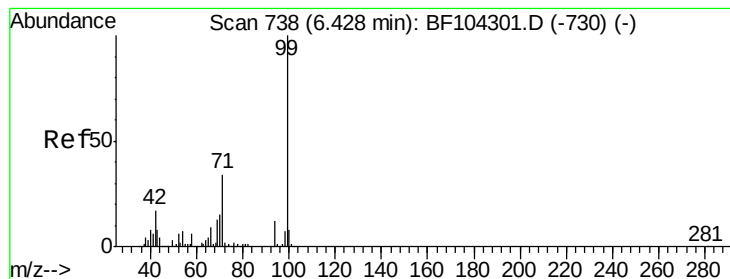
#5
 2-Fluorophenol
 Concen: 15.082 ng
 RT: 5.40 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF105071.D
 Acq: 3 May 2018 10:06

Tgt Ion:112 Resp: 100028
 Ion Ratio Lower Upper
 112 100
 64 53.0 47.9 71.9
 63 26.1 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: 53.787 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF105071.D

Acq: 3 May 2018 10:06

Instrument :

BNA_F

ClientSampled :

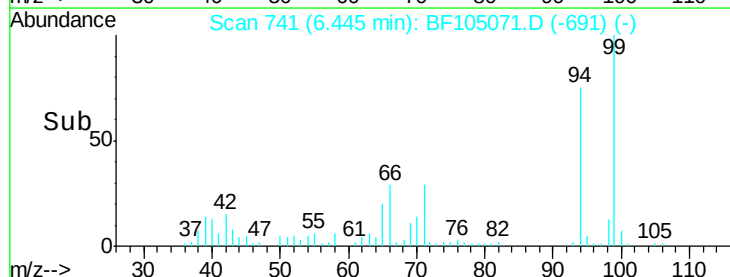
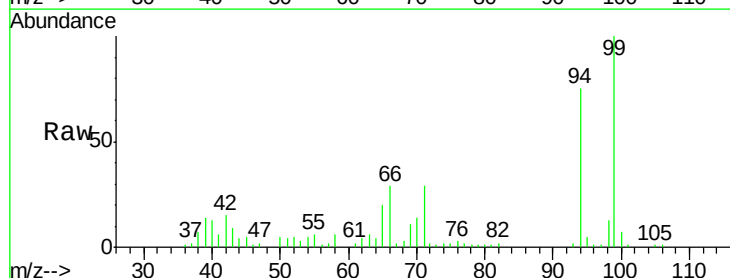
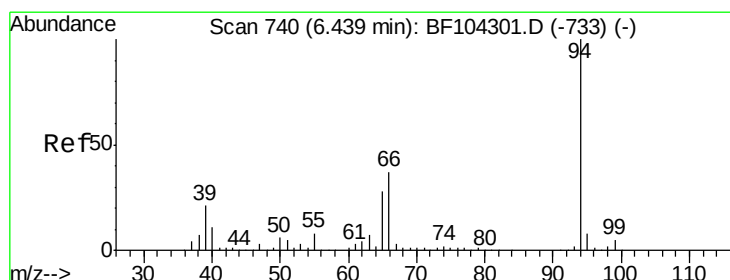
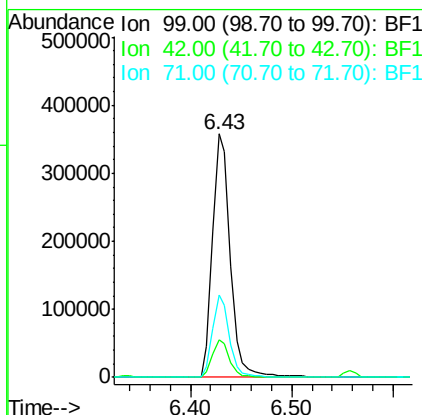
Tot Ion: 99 Resp: 438293

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

71 33.7 25.4 38.0



#10

Phenol

Concen: 5.667 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF105071.D

Acq: 3 May 2018 10:06

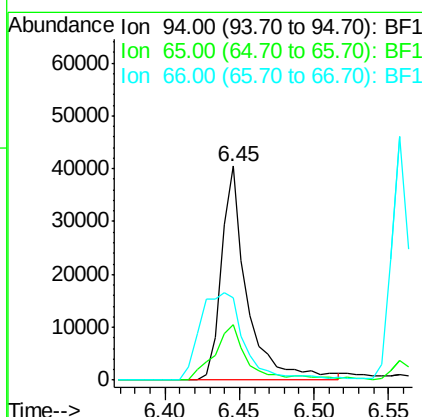
Tgt Ion: 94 Resp: 48998

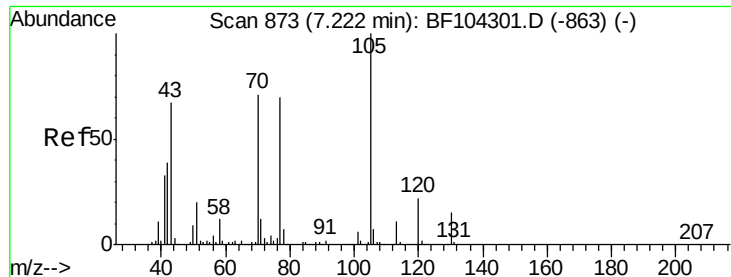
Ion Ratio Lower Upper

94 100

65 26.2 7.9 47.9

66 38.7 16.2 56.2

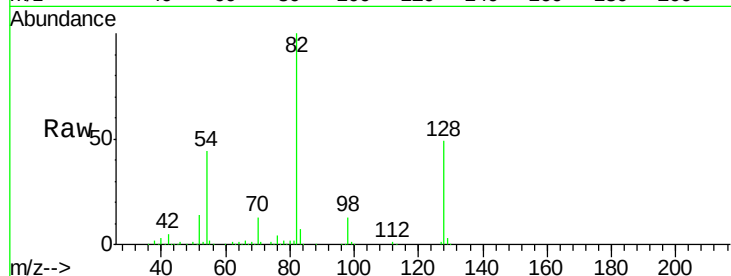




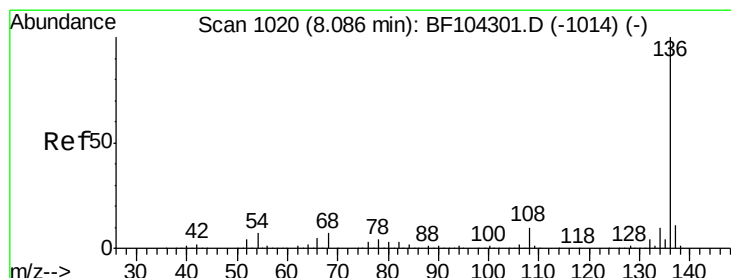
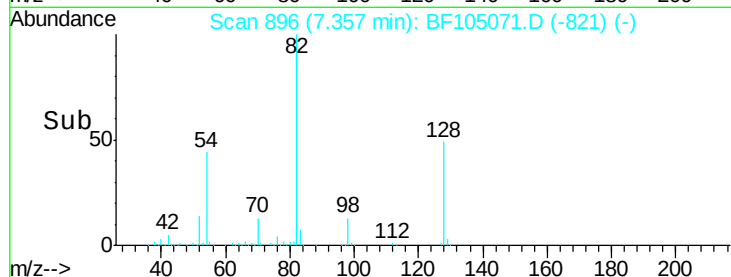
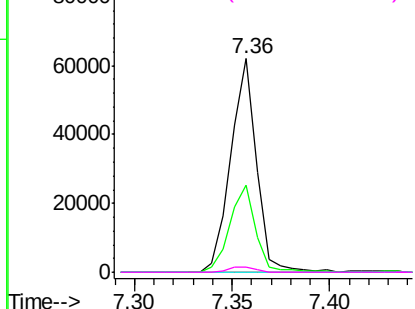
#19
n-Nitroso-di-n-propylamine
Concen: 10.750 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF105071.D
Acq: 3 May 2018 10:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 57243
Ion Ratio Lower Upper
70 100
42 40.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#

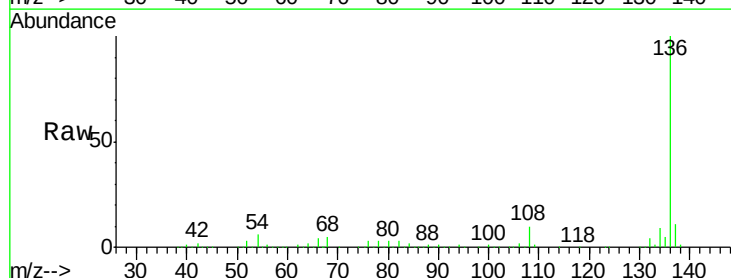


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

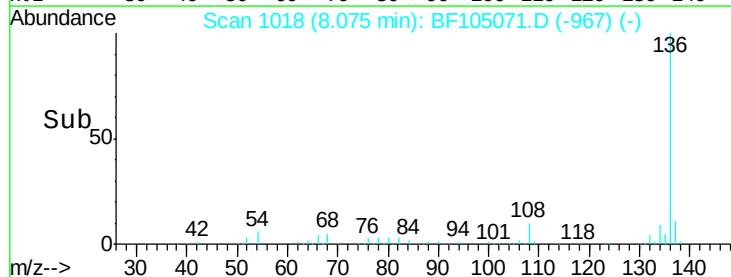
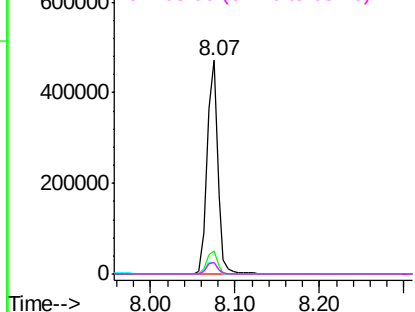


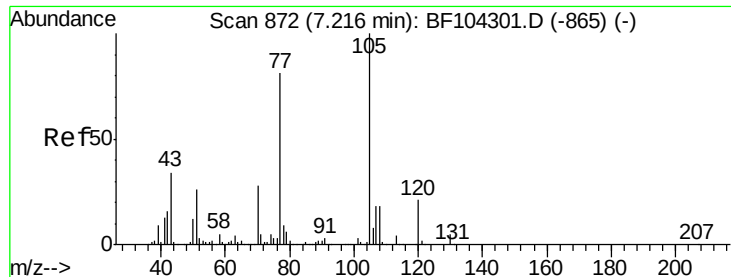
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF105071.D
Acq: 3 May 2018 10:06

Tgt Ion: 136 Resp: 414001
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 5.7 6.6 9.8#
68 5.4 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

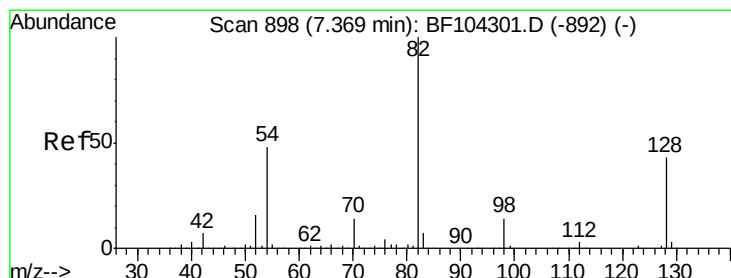
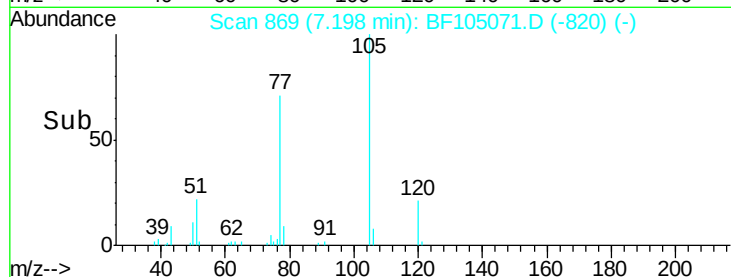
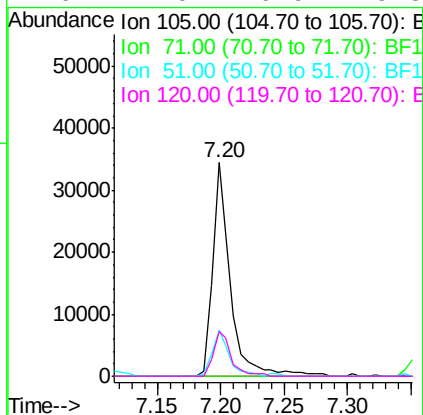
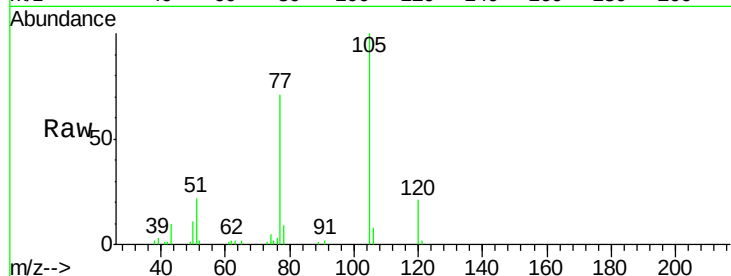




#22
Acetophenone
Concen: 3.346 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF105071.D
Acq: 3 May 2018 10:06

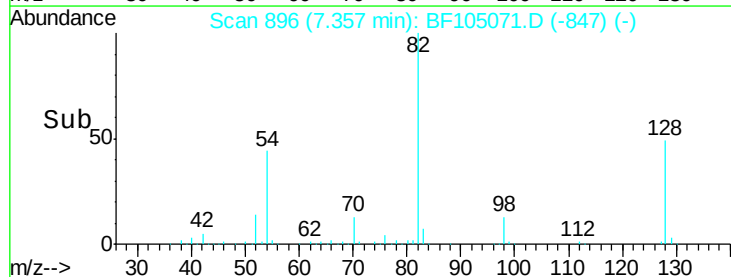
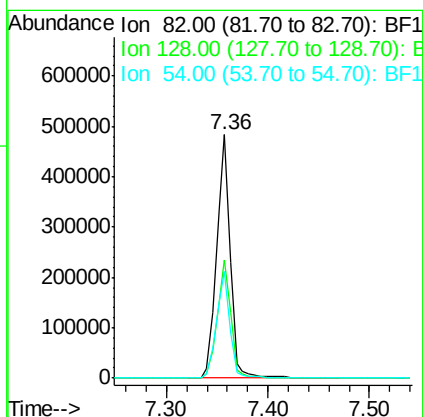
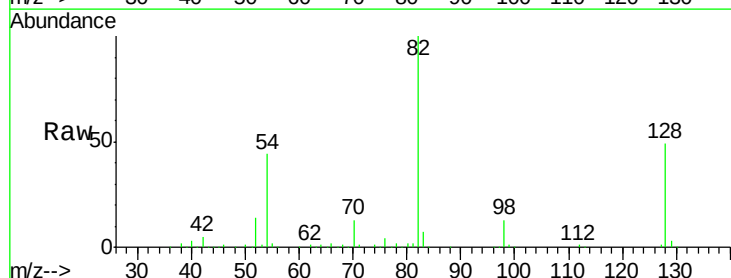
Instrument :
BNA_F
ClientSampled :

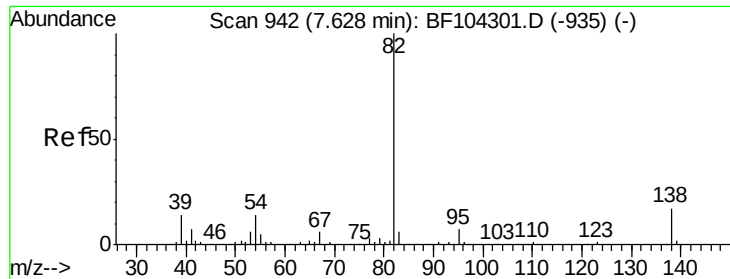
Tot Ion:105 Resp: 34104
Ion Ratio Lower Upper
105 100
71 0.0 4.4 6.6#
51 21.8 22.3 33.5#
120 21.0 16.9 25.3



#23
Nitrobenzene-d5
Concen: 71.290 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105071.D
Acq: 3 May 2018 10:06

Tgt Ion: 82 Resp: 451990
Ion Ratio Lower Upper
82 100
128 48.6 36.1 54.1
54 43.9 41.4 62.2





#25

Isophorone

Concen: 33.429 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF105071.D

Acq: 3 May 2018 10:06

Instrument :

BNA_F

ClientSampleId :

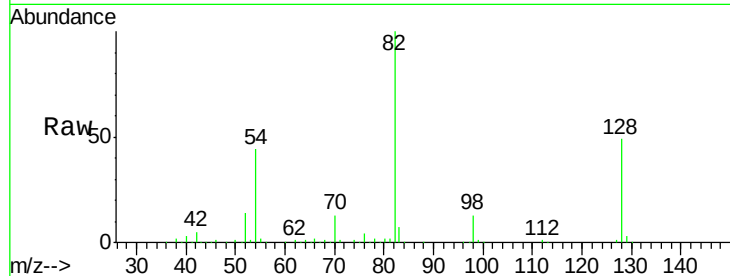
Tot Ion: 82 Resp: 448187

Ion Ratio Lower Upper

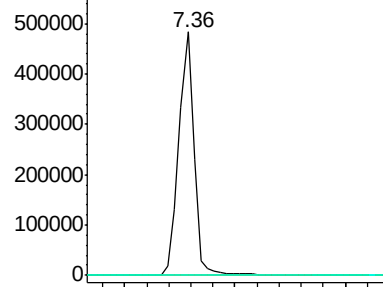
82 100

95 0.0 5.2 7.8#

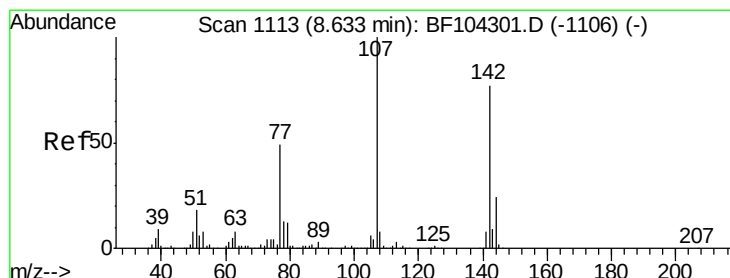
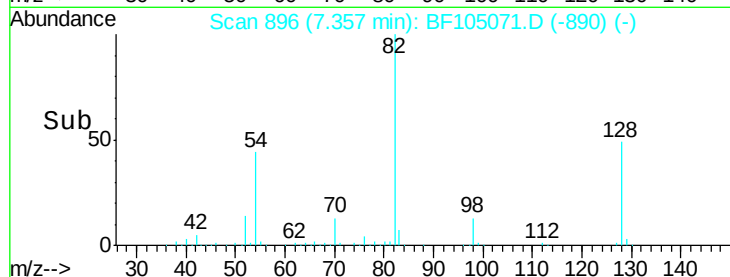
138 0.0 14.9 22.3#



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



Time-->



#36

4-Chloro-3-methylphenol

Concen: 6.665 ng

RT: 8.68 min Scan# 1121

Delta R.T. 0.04 min

Lab File: BF105071.D

Acq: 3 May 2018 10:06

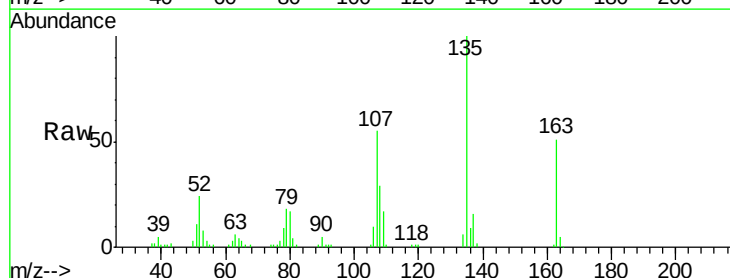
Tgt Ion: 107 Resp: 40350

Ion Ratio Lower Upper

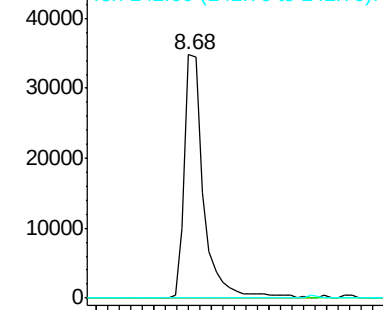
107 100

144 0.0 20.5 30.7#

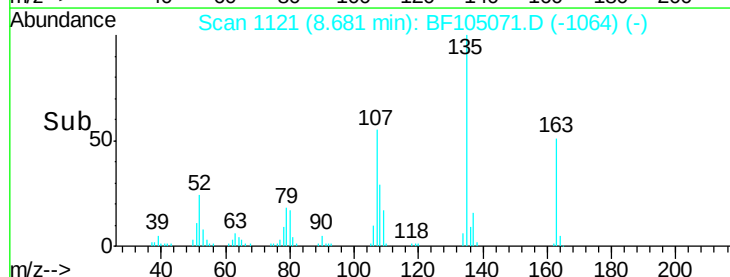
142 0.0 62.0 93.0#

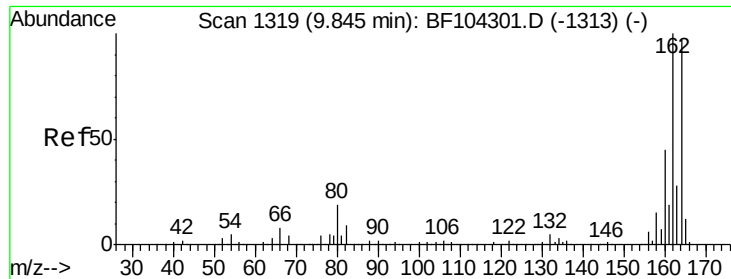


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E



Time-->

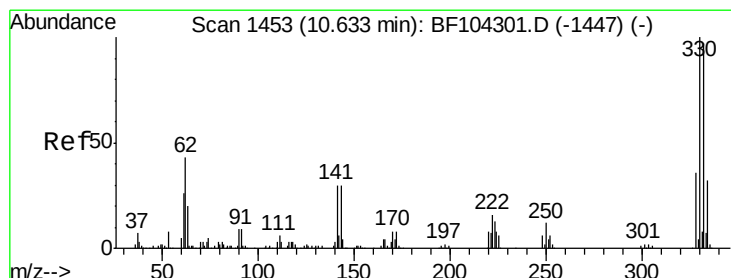
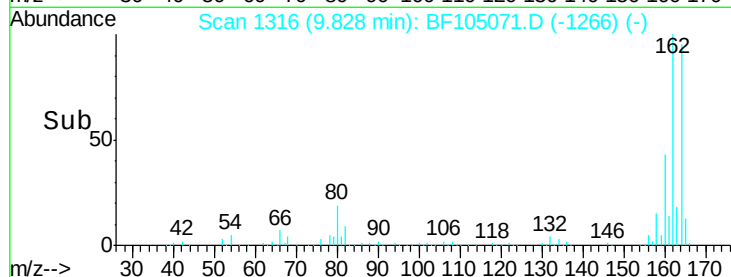
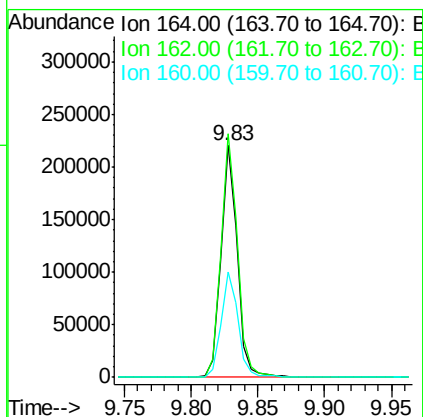
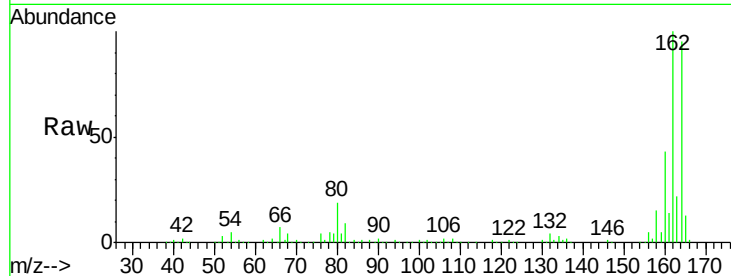




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF105071.D
 Acq: 3 May 2018 10:06

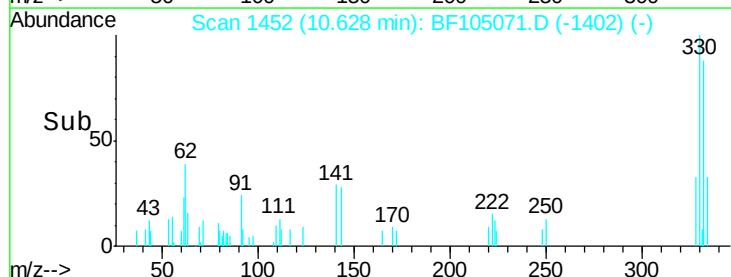
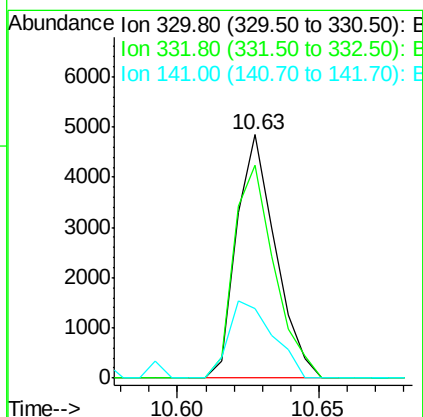
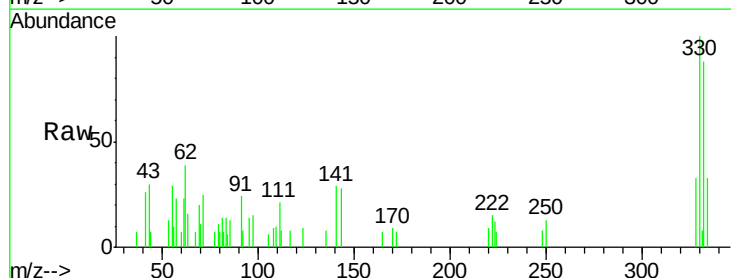
Instrument :
 BNA_F
 ClientSampleId :

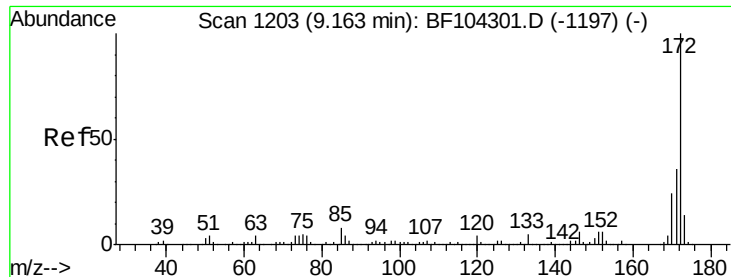
Tot Ion:164 Resp: 191239
 Ion Ratio Lower Upper
 164 100
 162 105.0 86.1 129.1
 160 45.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 2.337 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF105071.D
 Acq: 3 May 2018 10:06

Tgt Ion:330 Resp: 4636
 Ion Ratio Lower Upper
 330 100
 332 90.9 77.0 115.6
 141 36.2 29.9 44.9

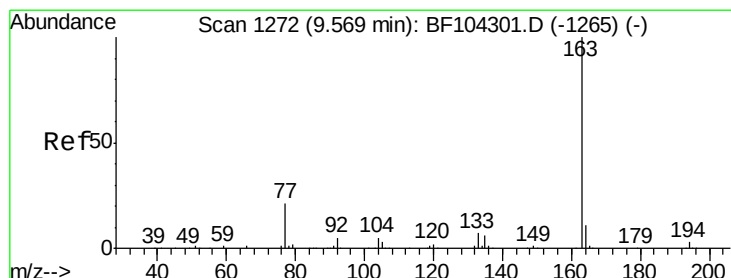
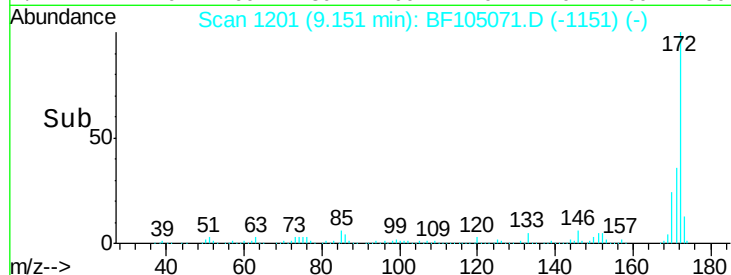
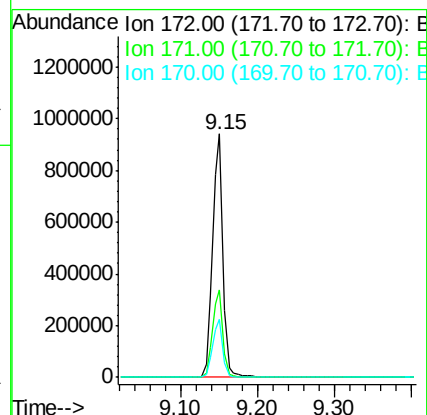
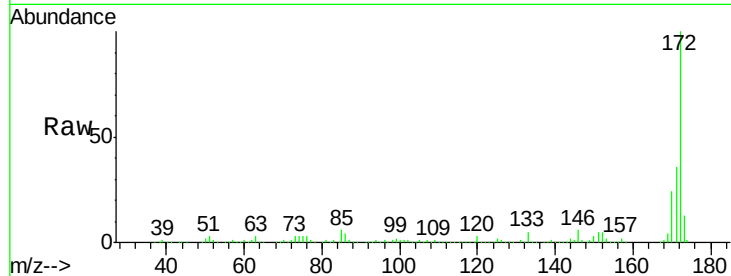




#44
2-Fluorobiphenyl
Concen: 72.081 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF105071.D
Acq: 3 May 2018 10:06

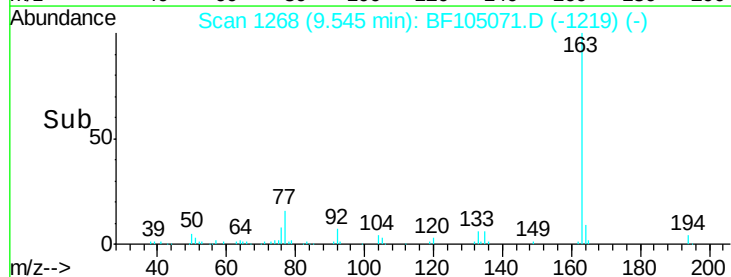
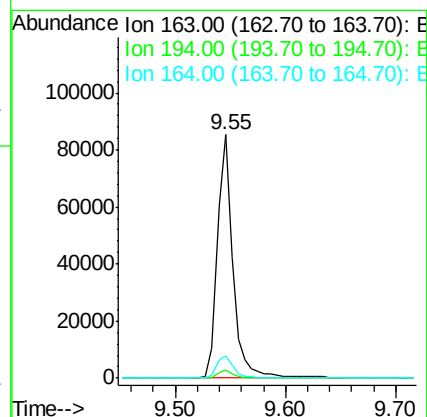
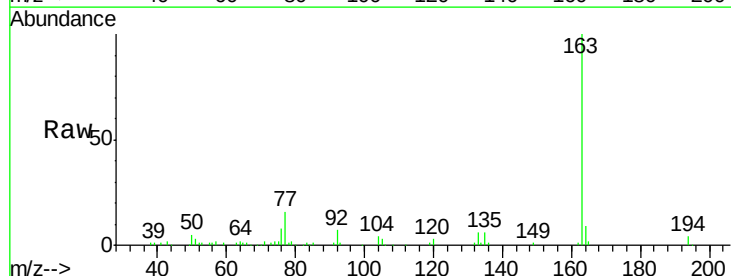
Instrument :
BNA_F
ClientSampleId :

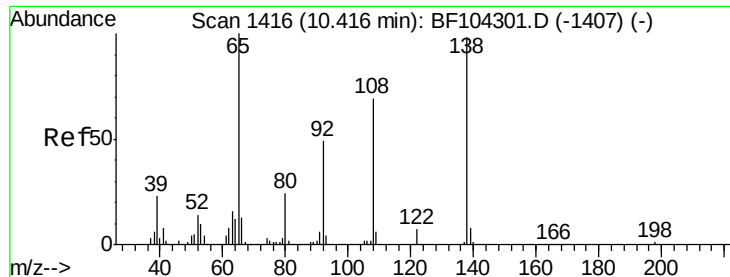
Tot Ion:172 Resp: 872591
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 23.7 19.6 29.4



#49
Dimethylphthalate
Concen: 5.468 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF105071.D
Acq: 3 May 2018 10:06

Tgt Ion:163 Resp: 82465
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.3 8.2 12.2

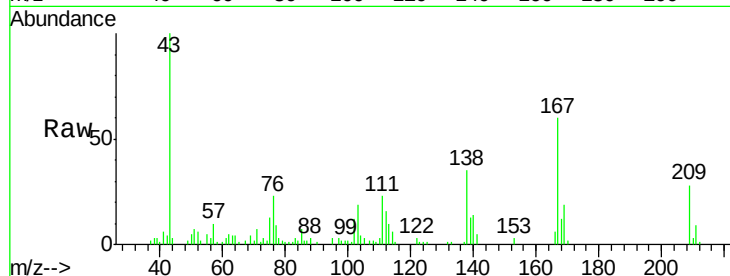




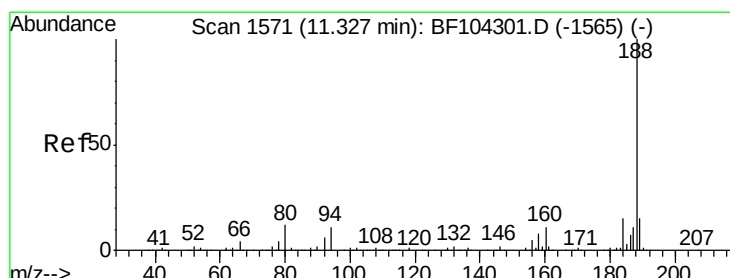
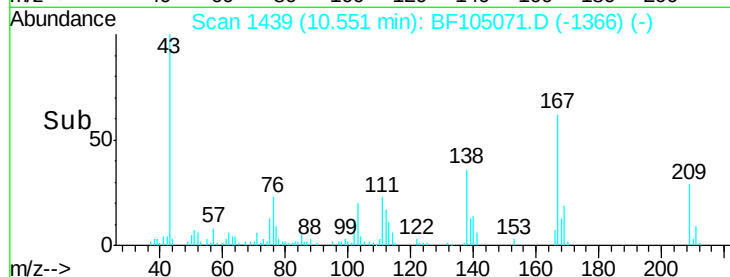
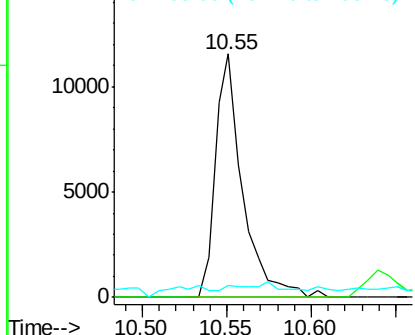
#61
4-Nitroaniline
Concen: 4.048 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.13 min
Lab File: BF105071.D
Acq: 3 May 2018 10:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 12930
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 5.2 52.5 92.5#

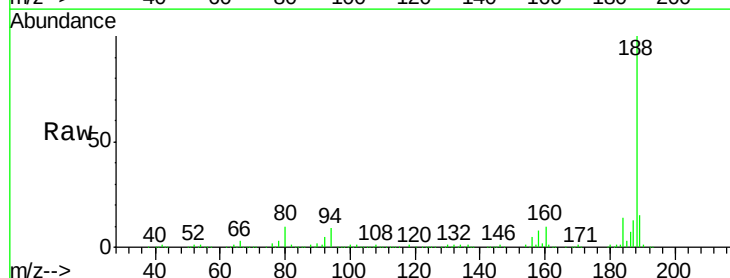


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

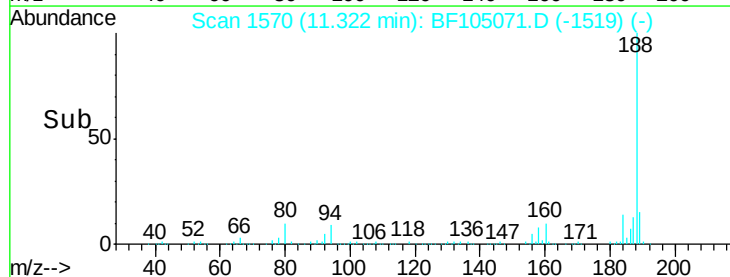
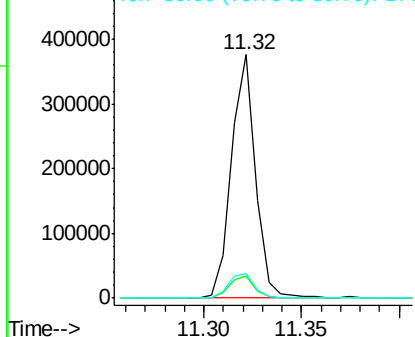


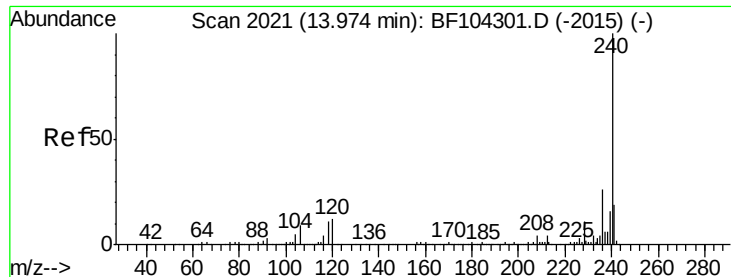
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF105071.D
Acq: 3 May 2018 10:06

Tgt Ion:188 Resp: 321137
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 9.9 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF105071.D

Acq: 3 May 2018 10:06

Instrument :

BNA_F

ClientSampleId :

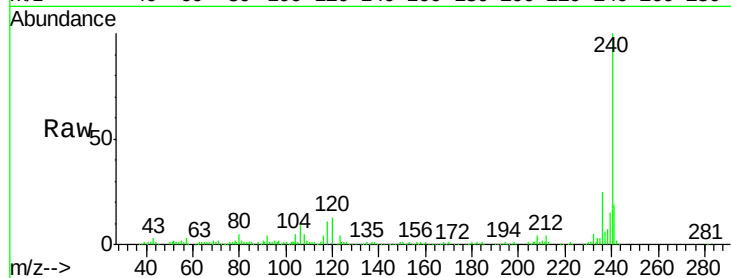
Tot Ion:240 Resp: 205756

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

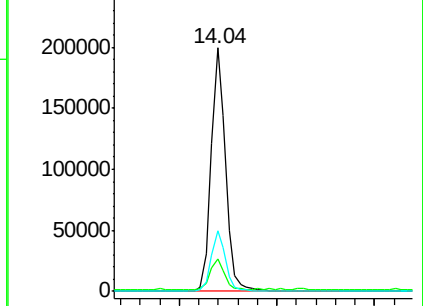
236 24.7 20.7 31.1



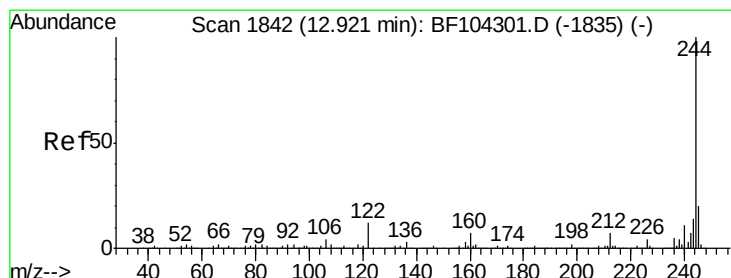
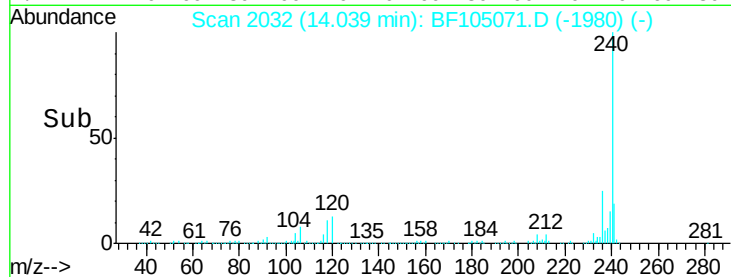
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 80.134 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF105071.D

Acq: 3 May 2018 10:06

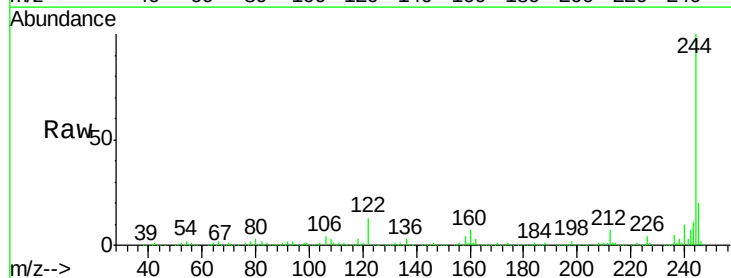
Tgt Ion:244 Resp: 723214

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

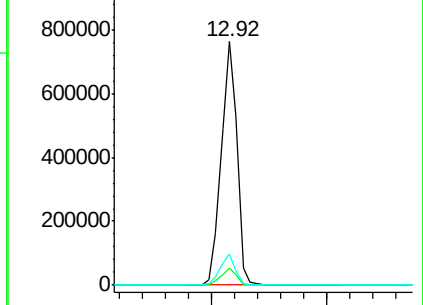
122 13.0 11.0 16.4



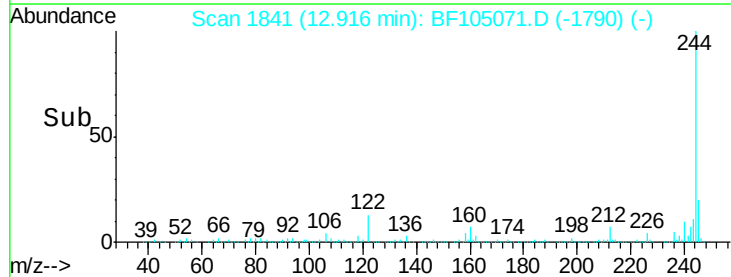
Abundance Ion 244.00 (243.70 to 244.70): E

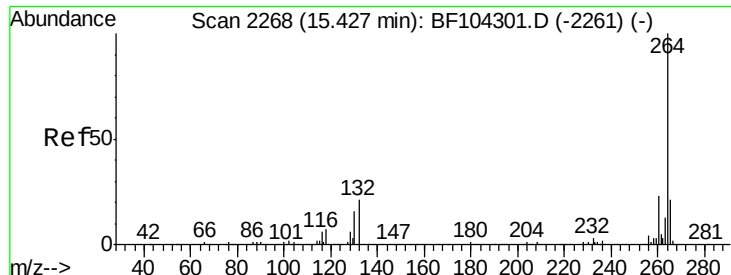
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

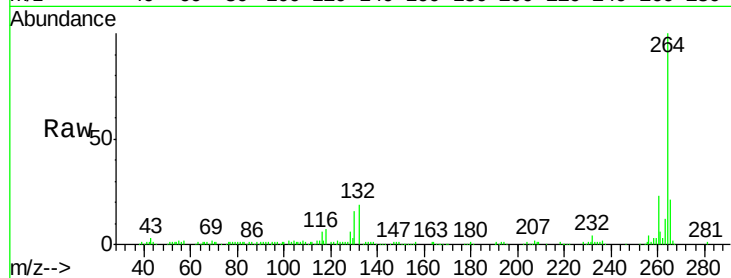




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.63 min Scan# 2302
 Delta R.T. 0.04 min
 Lab File: BF105071.D
 Acq: 3 May 2018 10:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.2	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

