

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105030.D
 Acq On : 2 May 2018 14:56
 Operator : JU/SJ
 Sample : J2657-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 17:27:37 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

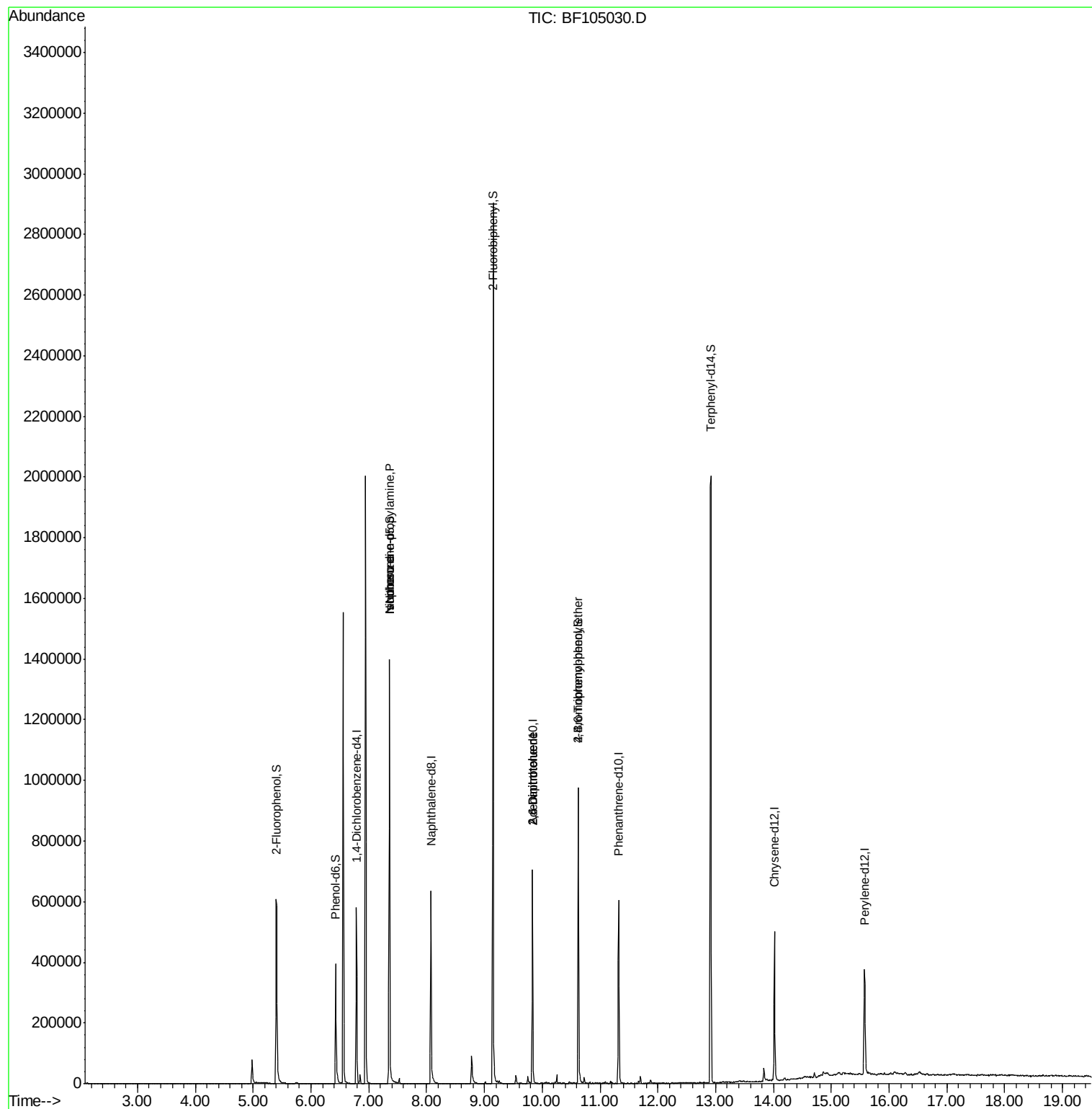
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	82627	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	336217	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	143928	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	234425	20.00	ng	0.00
75) Chrysene-d12	14.02	240	183860	20.00	ng	-0.02
86) Perylene-d12	15.57	264	176491	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	230876	42.72	ng	0.00
7) Phenol-d6	6.43	99	180660	27.21	ng	-0.01
23) Nitrobenzene-d5	7.36	82	509817	99.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	131716	88.22	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	898744	98.65	ng	0.00
78) Terphenyl-d14	12.92	244	730183	90.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	66278	15.276	ng	# 72
25) Isophorone	7.36	82	505549	46.431	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	18725	8.916	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	18725	6.797	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	7822	3.137	ng	# 1
76) Benzidine	12.91	184	9436	Below Cal		# 97

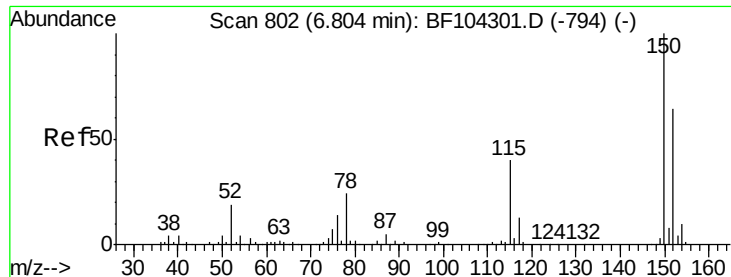
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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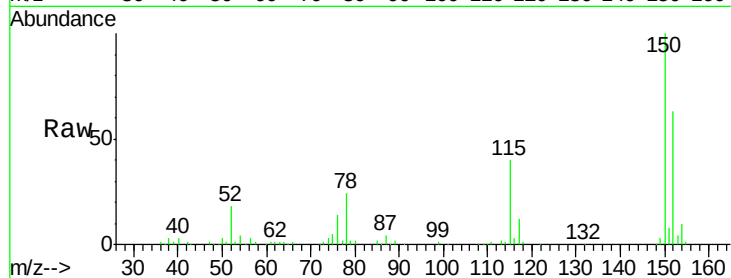


#1

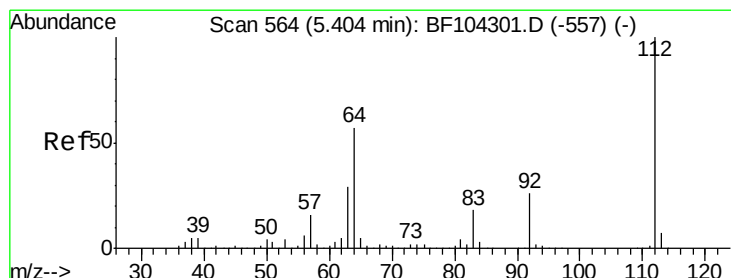
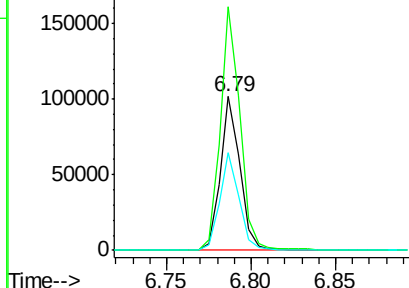
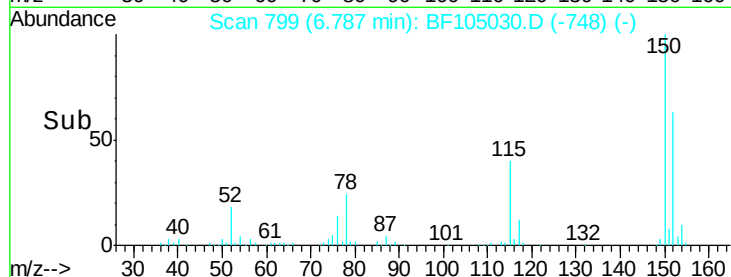
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF105030.D
Acq: 2 May 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82627
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 63.2 50.1 75.1



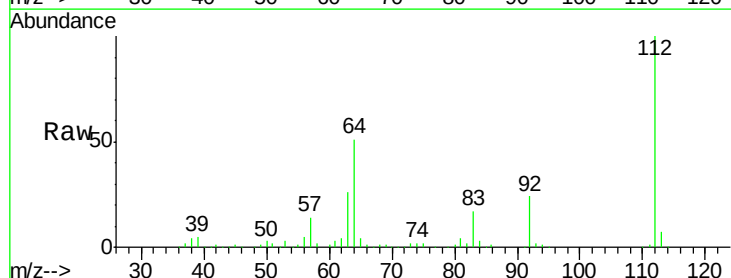
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



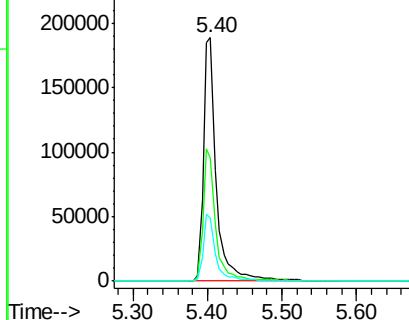
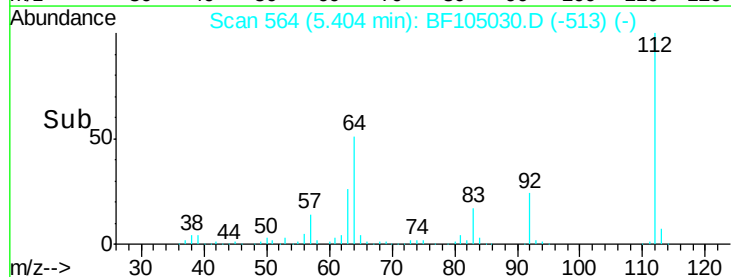
#5

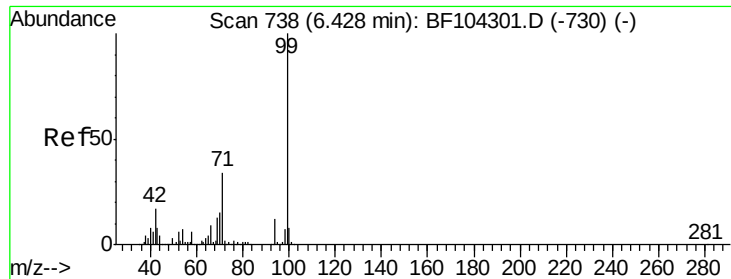
2-Fluorophenol
Concen: 42.725 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF105030.D
Acq: 2 May 2018 14:56

Tgt Ion:112 Resp: 230876
Ion Ratio Lower Upper
112 100
64 50.5 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: 27.210 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF105030.D

Acq: 2 May 2018 14:56

Instrument :

BNA_F

ClientSampleId :

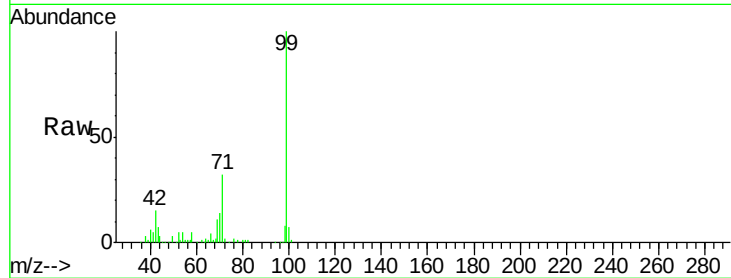
Tot Ion: 99 Resp: 180660

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7

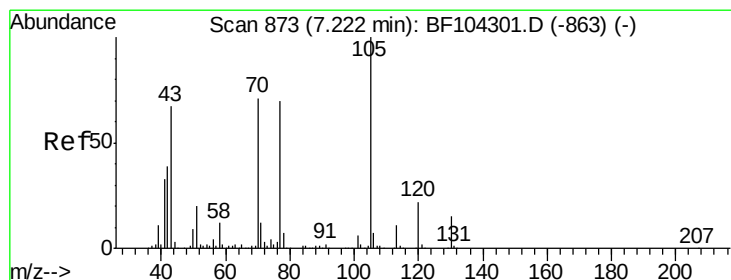
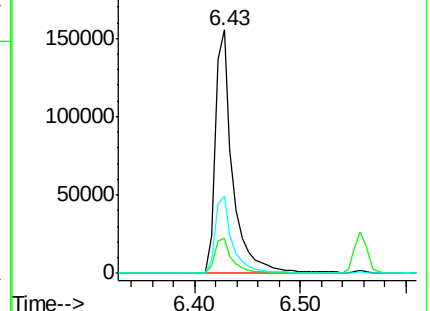
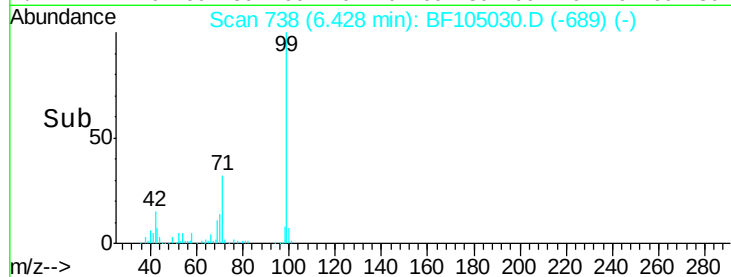
71 31.9 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.276 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF105030.D

Acq: 2 May 2018 14:56

Tgt Ion: 70 Resp: 66278

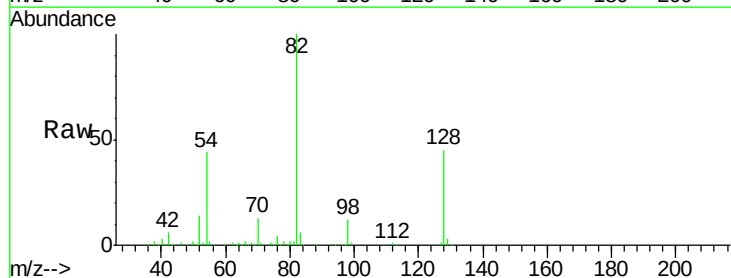
Ion Ratio Lower Upper

70 100

42 41.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

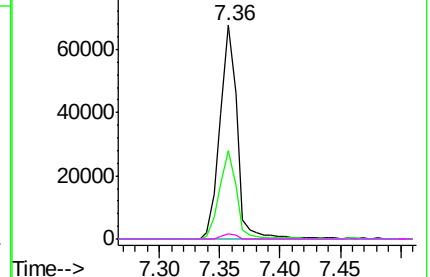
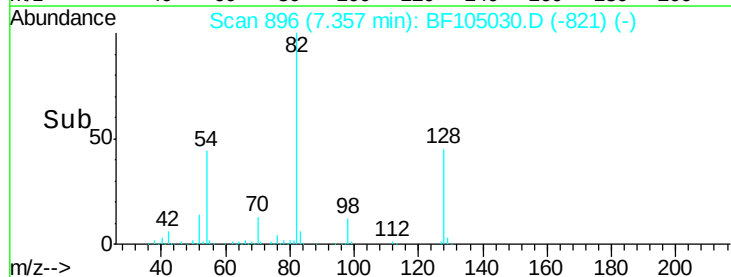


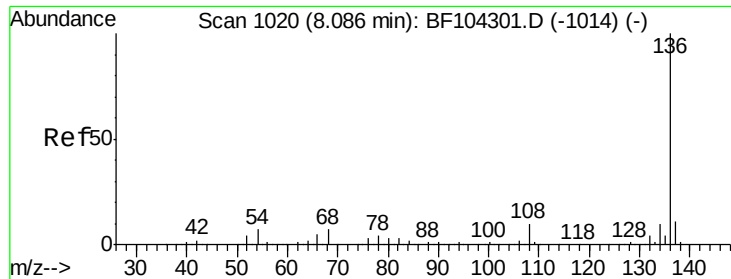
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

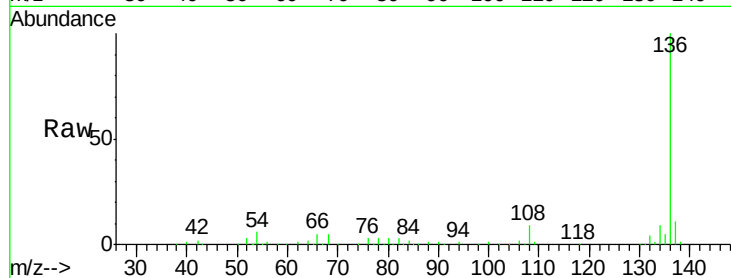




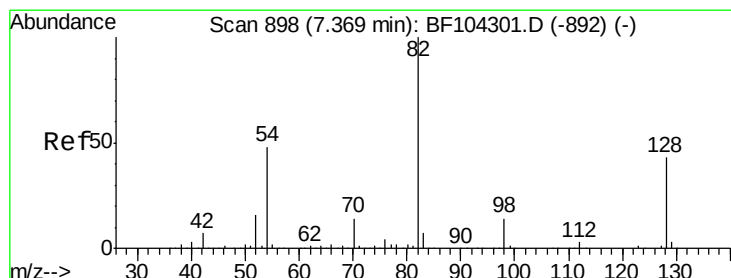
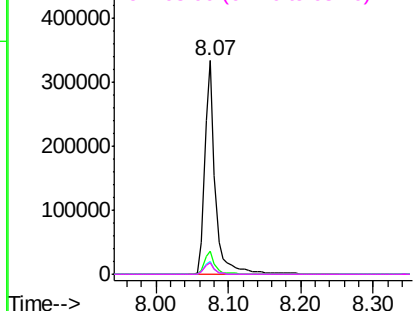
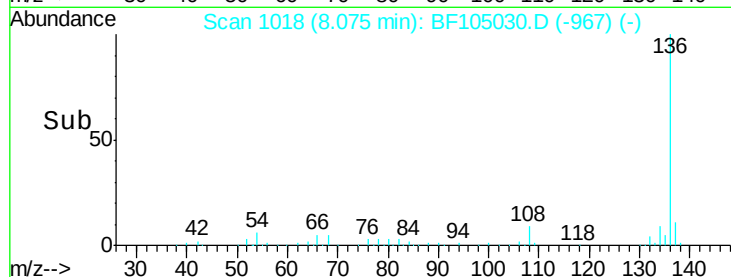
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF105030.D
Acq: 2 May 2018 14:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	336217
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	6.1	6.6 9.8#
68	5.2	5.0 7.4

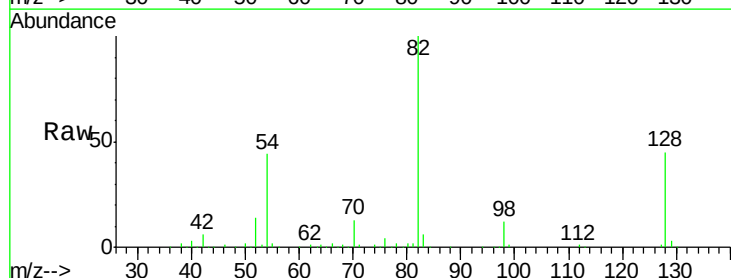


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

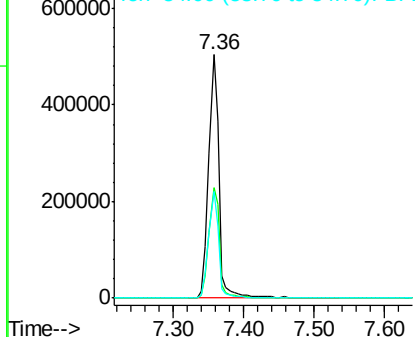
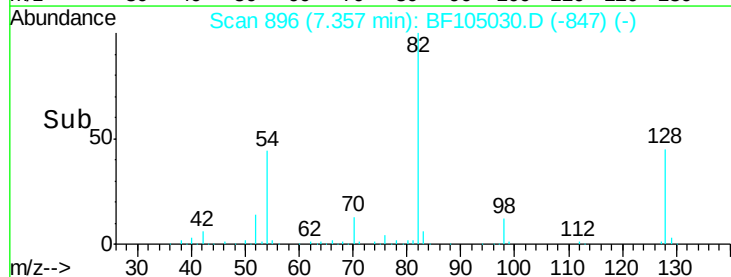


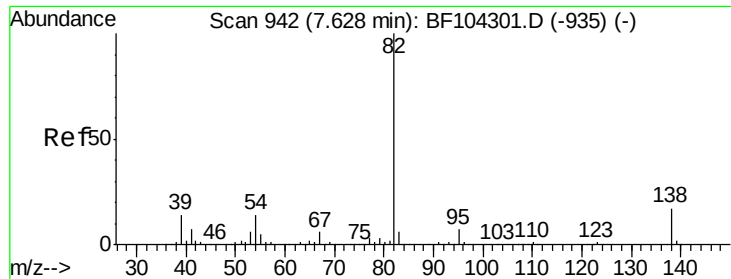
#23
Nitrobenzene-d5
Concen: 99.014 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105030.D
Acq: 2 May 2018 14:56

Tgt Ion: 82	Resp:	509817
Ion Ratio	Lower	Upper
82	100	
128	45.4	36.1 54.1
54	43.8	41.4 62.2



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

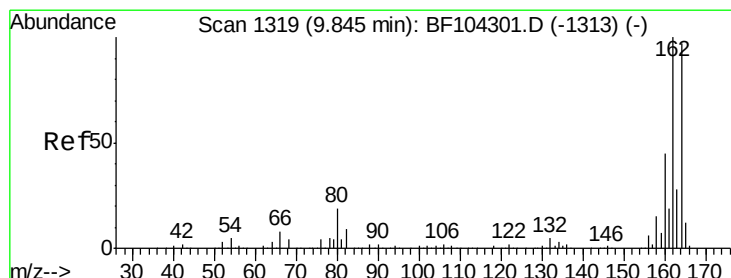
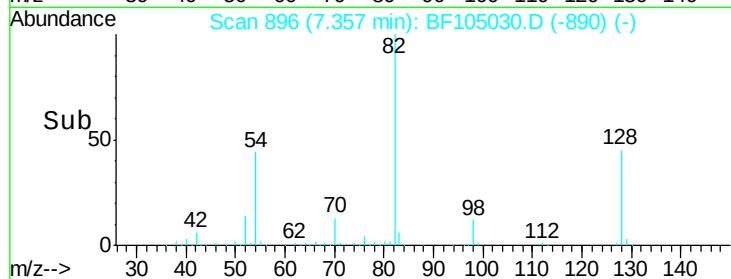
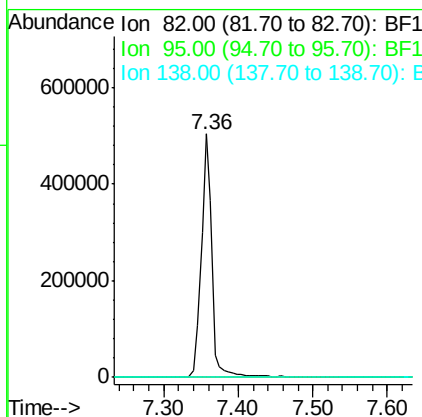
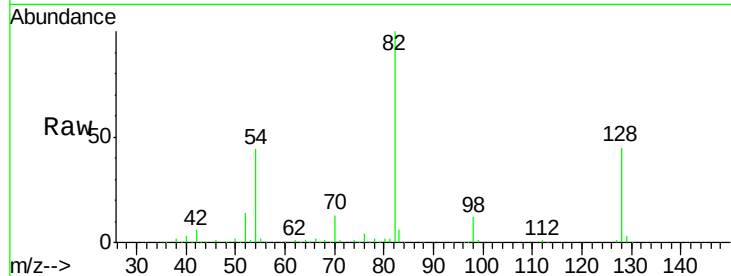




#25
Isophorone
Concen: 46.431 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF105030.D
Acq: 2 May 2018 14:56

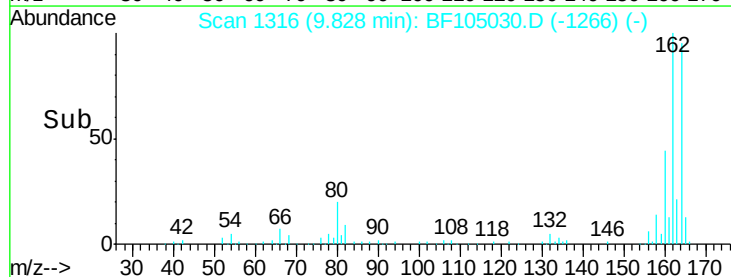
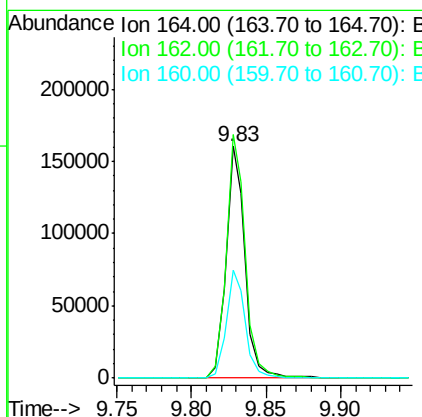
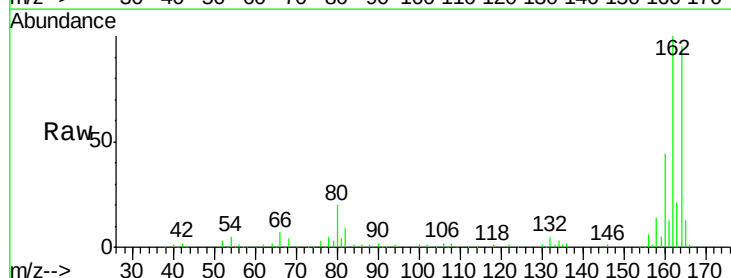
Instrument :
BNA_F
ClientSampleId :

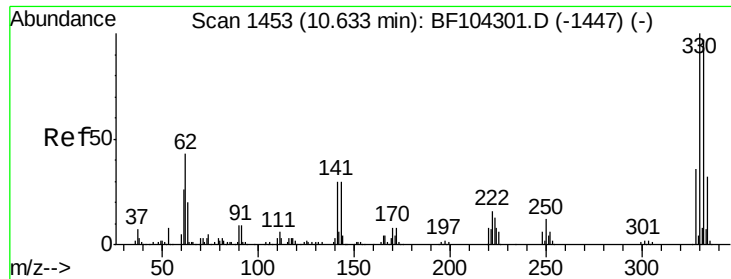
Tot Ion: 82 Resp: 505549
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105030.D
Acq: 2 May 2018 14:56

Tgt Ion: 164 Resp: 143928
Ion Ratio Lower Upper
164 100
162 105.0 86.1 129.1
160 46.6 38.3 57.5

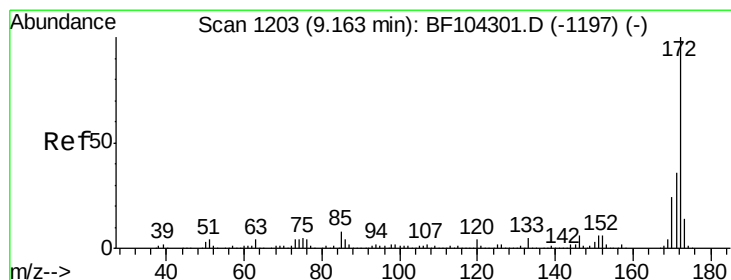
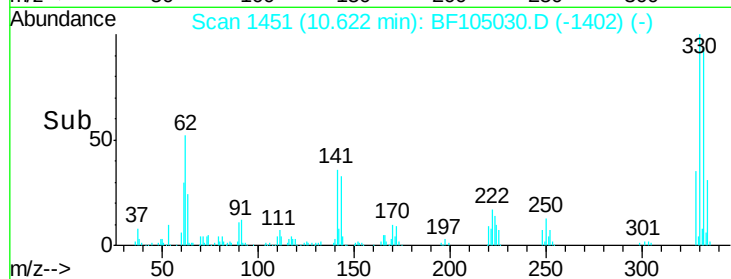
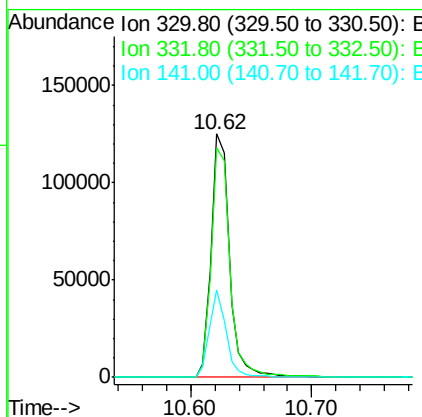
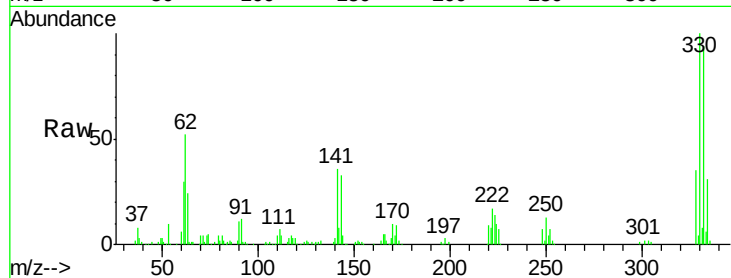




#41
 2,4,6-Tribromophenol
 Concen: 88.222 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105030.D
 Acq: 2 May 2018 14:56

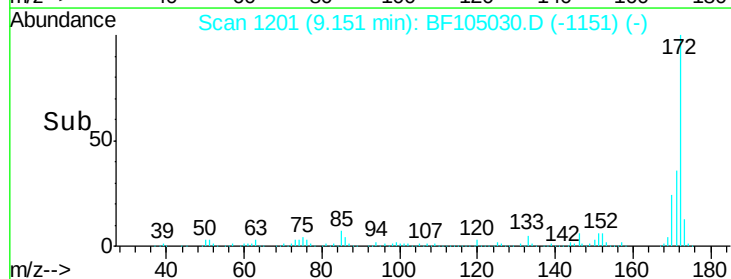
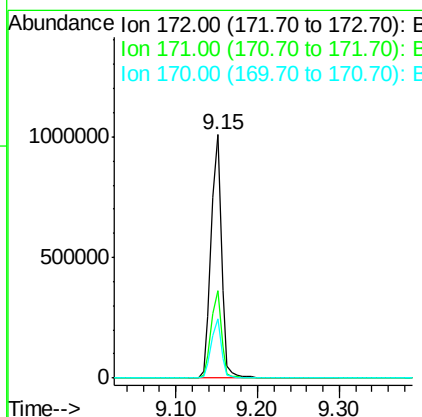
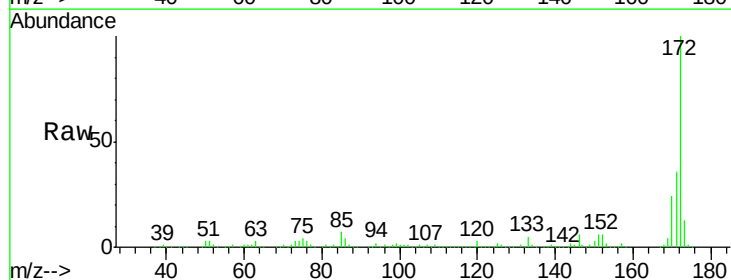
Instrument :
 BNA_F
 ClientSampleId :

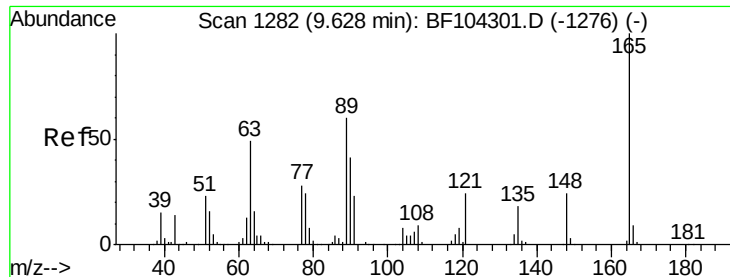
Tot Ion	330	Resp	131716
Ion Ratio	100		
Lower		77.0	
Upper		115.6	
332	96.7		
141	33.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 98.646 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105030.D
 Acq: 2 May 2018 14:56

Tgt Ion	172	Resp	898744
Ion Ratio	100		
Lower		29.7	
Upper		44.5	
171	35.7		
170	24.2	19.6	29.4

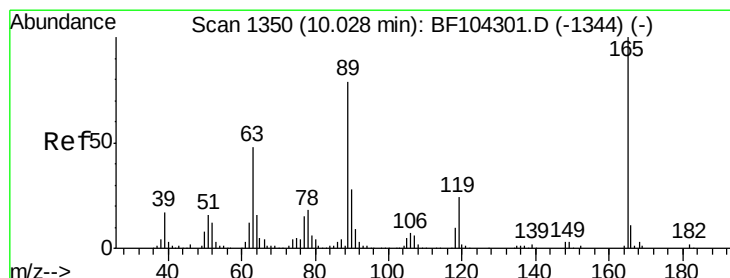
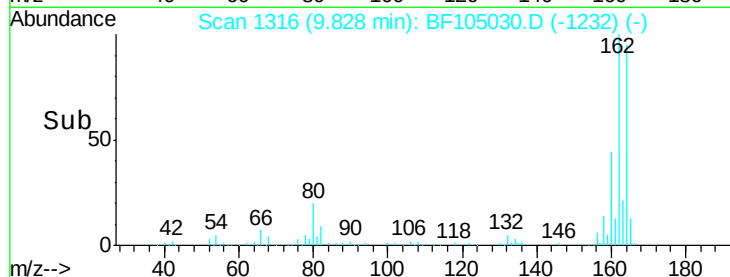
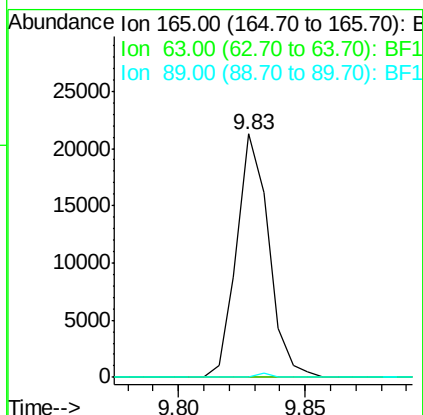
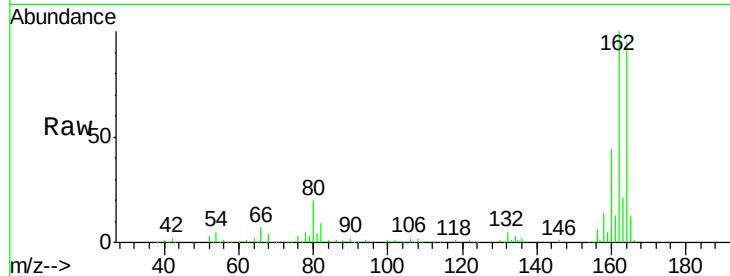




#50
 2,6-Dinitrotoluene
 Concen: 8.916 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.19 min
 Lab File: BF105030.D
 Acq: 2 May 2018 14:56

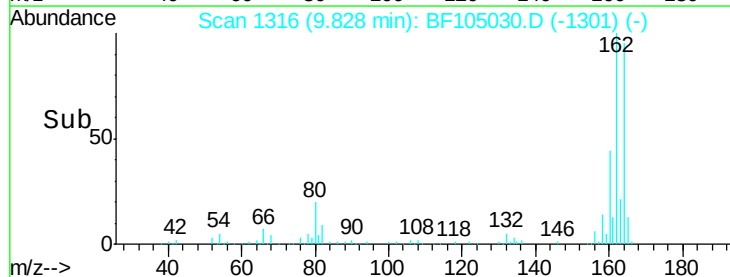
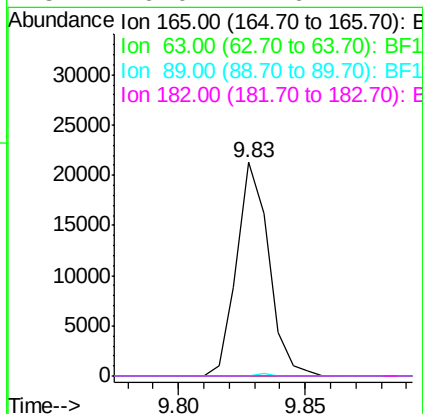
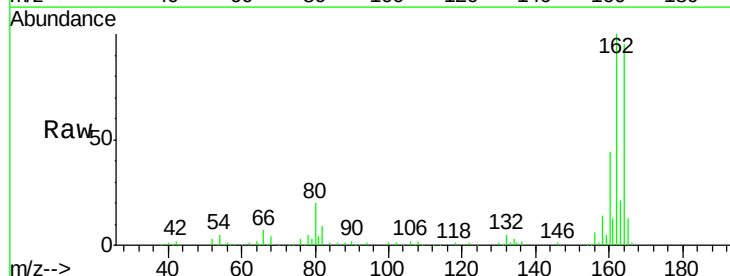
Instrument :
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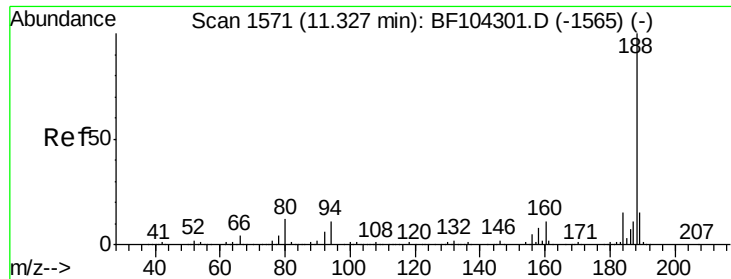
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.797 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF105030.D
 Acq: 2 May 2018 14:56

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

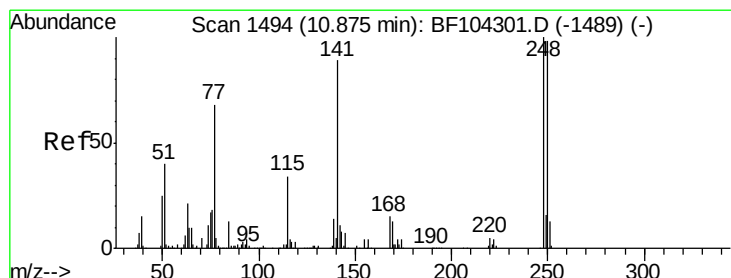
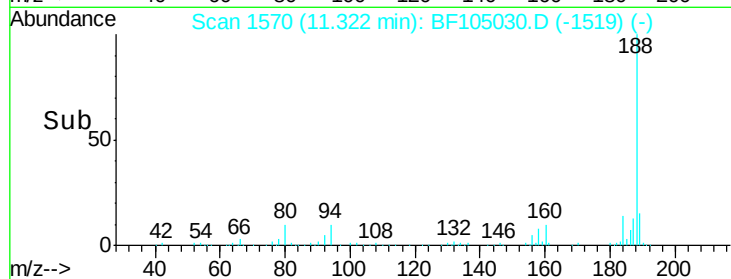
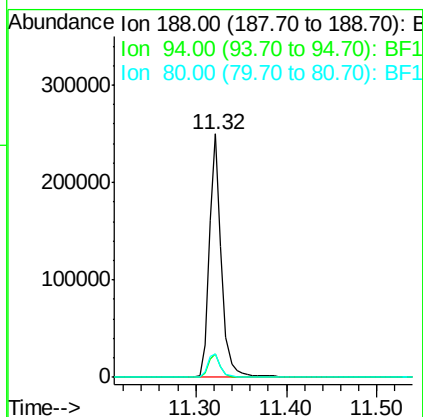
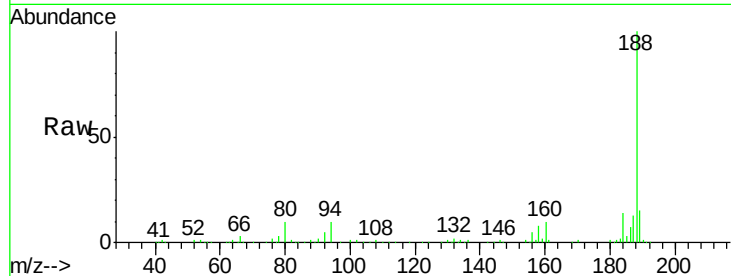




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF105030.D
Acq: 2 May 2018 14:56

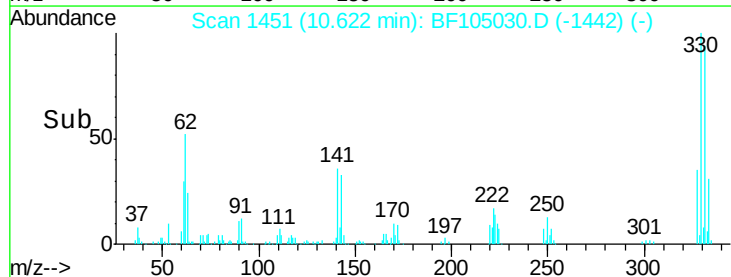
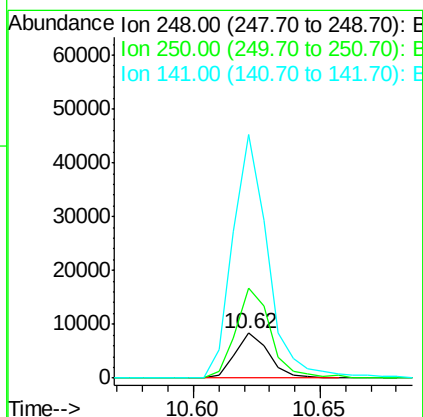
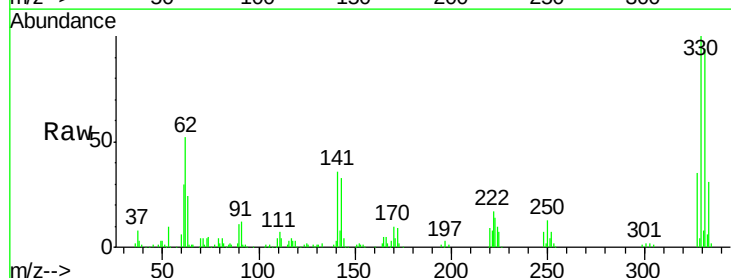
Instrument :
BNA_F
ClientSampleId :

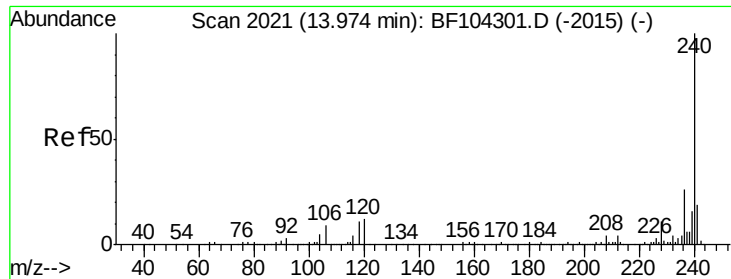
Tot Ion:188 Resp: 234425
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 9.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.137 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF105030.D
Acq: 2 May 2018 14:56

Tgt Ion:248 Resp: 7822
Ion Ratio Lower Upper
248 100
250 199.5 76.9 115.3#
141 542.7 74.4 111.6#

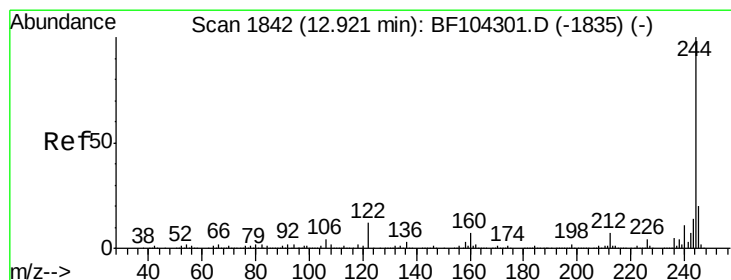
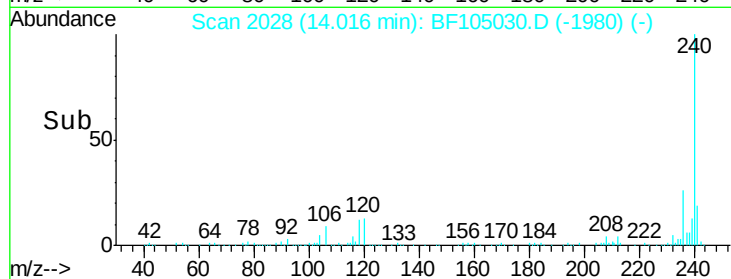
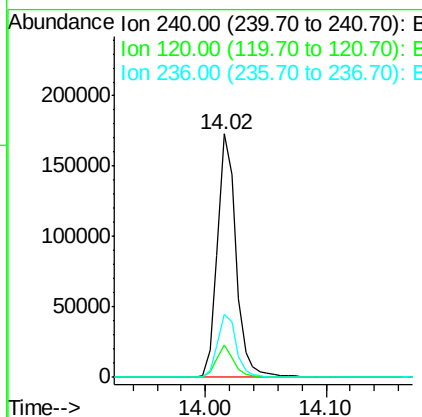
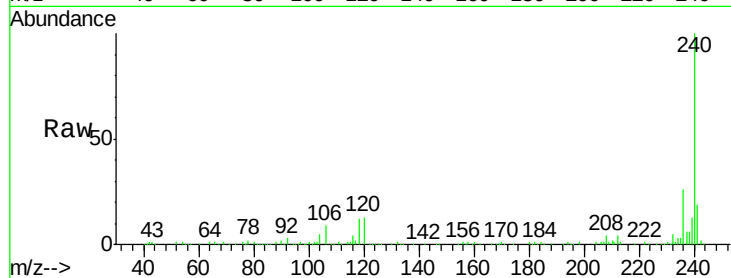




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF105030.D
Acq: 2 May 2018 14:56

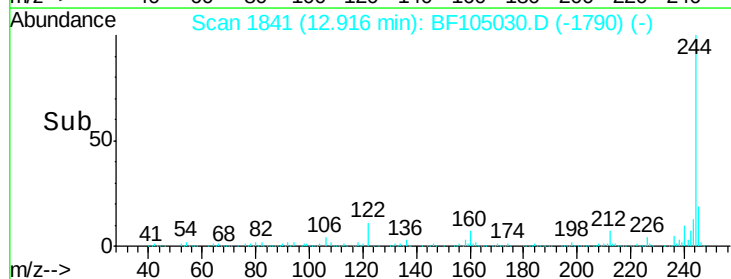
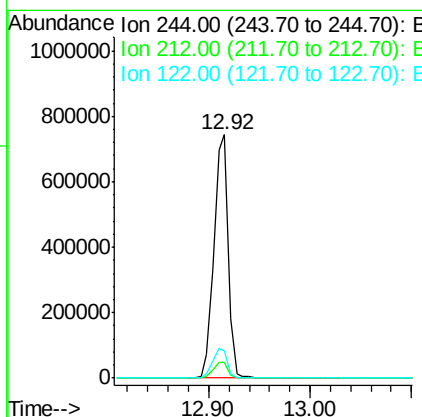
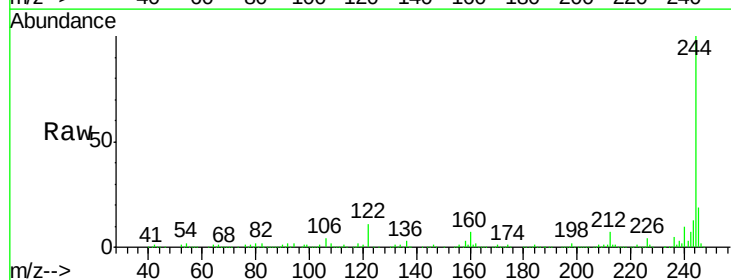
Instrument :
BNA_F
ClientSampleId :

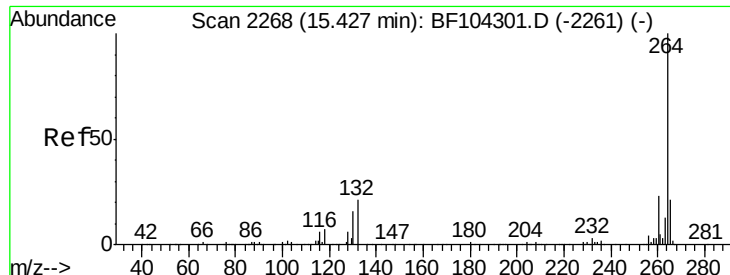
Tot Ion:240 Resp: 183860
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 26.1 20.7 31.1



#78
Terphenyl-d14
Concen: 90.541 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF105030.D
Acq: 2 May 2018 14:56

Tgt Ion:244 Resp: 730183
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 11.0 11.0 16.4



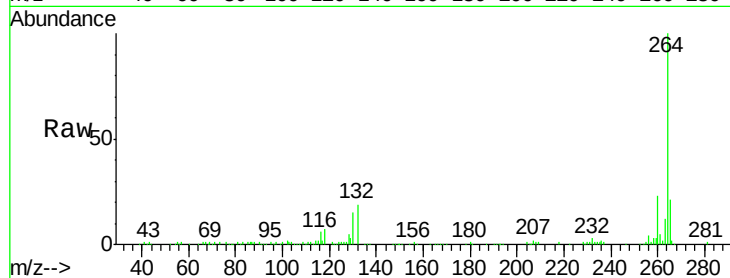


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.02 min
Lab File: BF105030.D
Acq: 2 May 2018 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264 Resp: 176491

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.0	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

