

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105354.D
 Acq On : 12 May 2018 22:34
 Operator : JU/SJ
 Sample : J2834-18
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 14 06:55:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 11 17:15:19 2018
 Response via : Initial Calibration

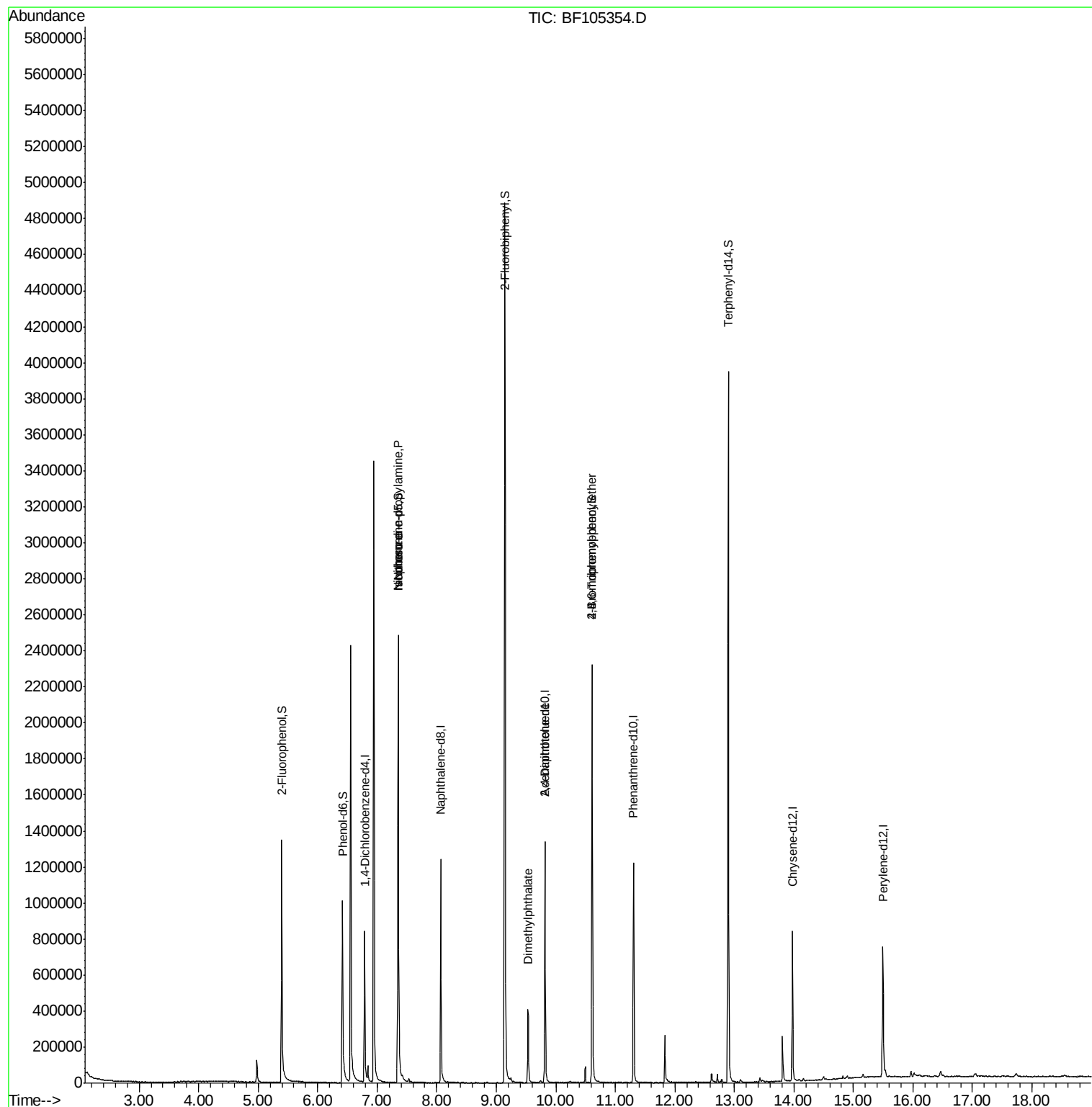
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	133112	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	569849	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	258666	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	477761	20.00	ng	0.00
75) Chrysene-d12	13.97	240	314382	20.00	ng	-0.04
86) Perylene-d12	15.50	264	342611	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	437447	49.43	ng	0.00
7) Phenol-d6	6.42	99	391944	37.27	ng	0.00
23) Nitrobenzene-d5	7.36	82	1013191	103.48	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	326589	97.73	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1671825	93.15	ng	0.00
78) Terphenyl-d14	12.90	244	1604552	109.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	137754	20.72	ng	# 80
25) Isophorone	7.36	82	1013184	54.67	ng	# 64
49) Dimethylphthalate	9.53	163	181895	9.16	ng	99
56) 2,4-Dinitrotoluene	9.82	165	32569	5.73	ng	# 24
66) 4-Bromophenyl-phenylether	10.61	248	18450	3.47	ng	# 1

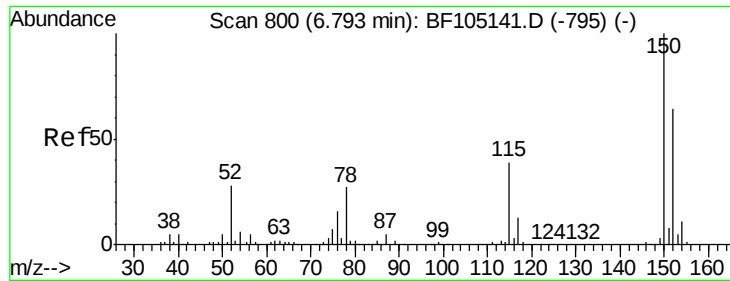
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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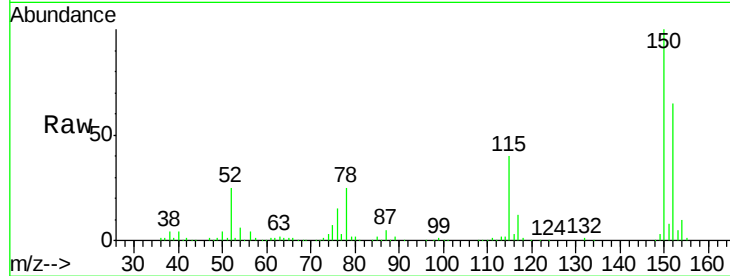


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF105354.D
Acq: 12 May 2018 22:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	152	Resp	133112
Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	62.3	50.1	75.1

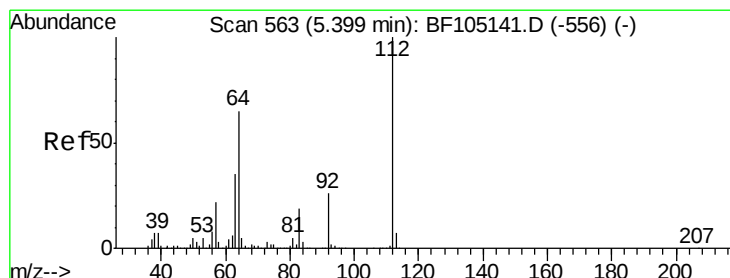
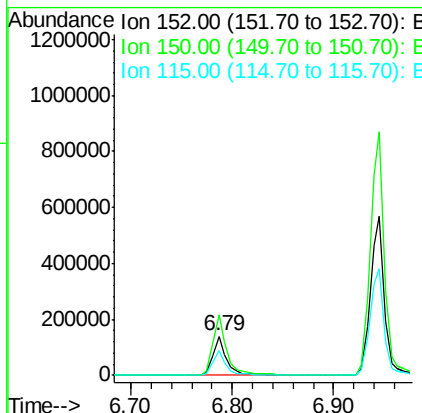
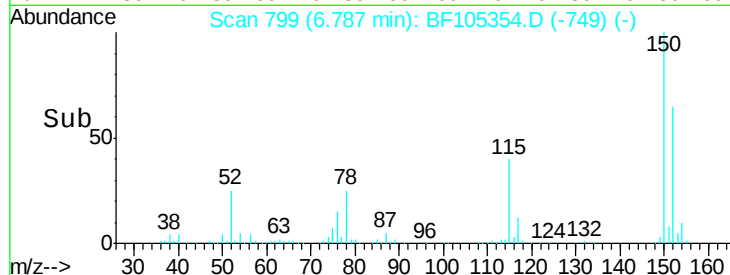


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

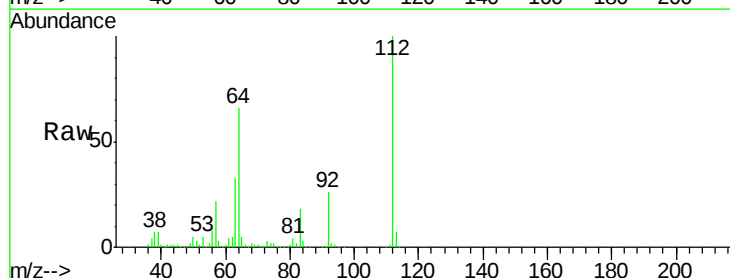
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 49.43 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF105354.D
Acq: 12 May 2018 22:34

Tgt Ion	112	Resp	437447
Ion	Ratio	Lower	Upper
112	100		
64	66.0	47.9	71.9
63	33.4	23.7	35.5

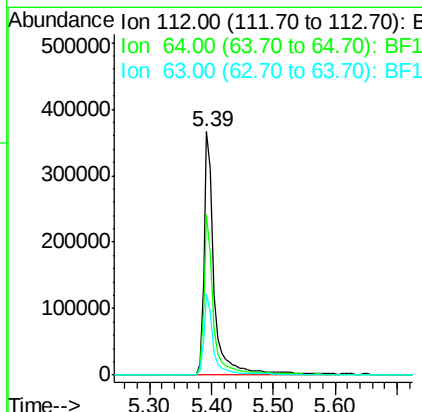
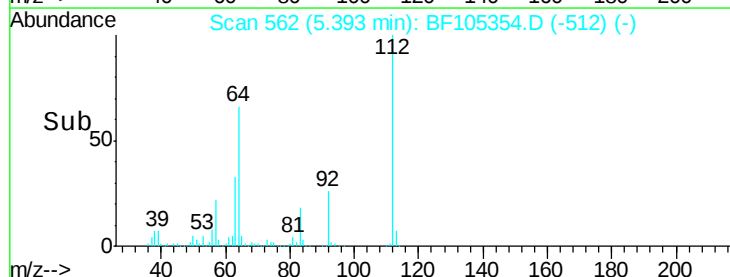


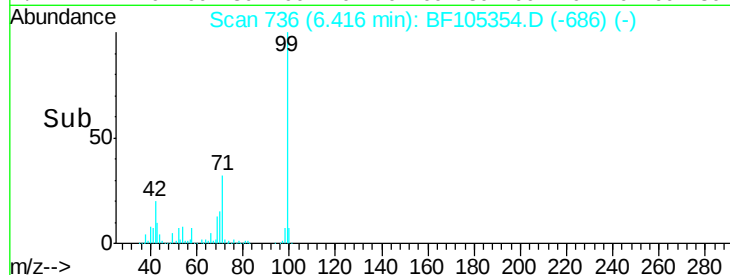
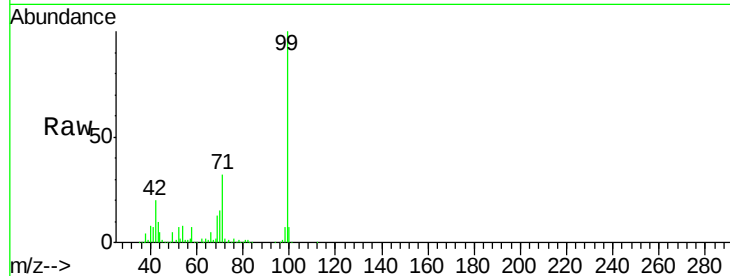
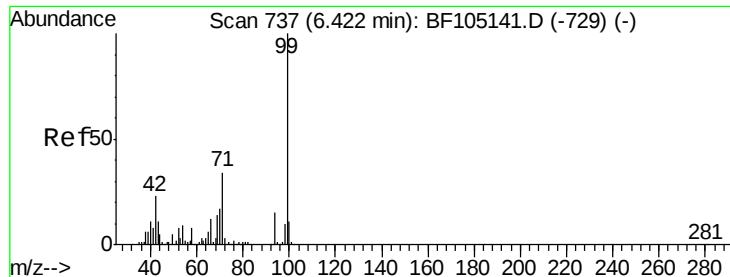
Abundance

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: 37.27 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF105354.D

Acq: 12 May 2018 22:34

Instrument :

BNA_F

ClientSampleId :

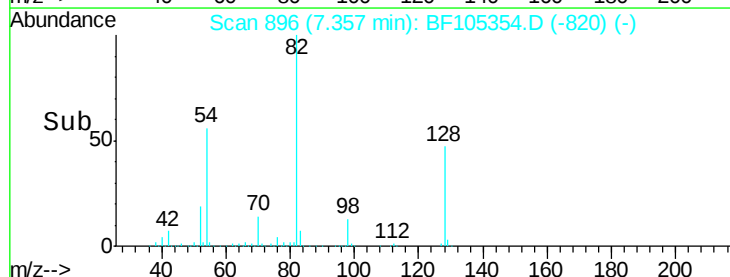
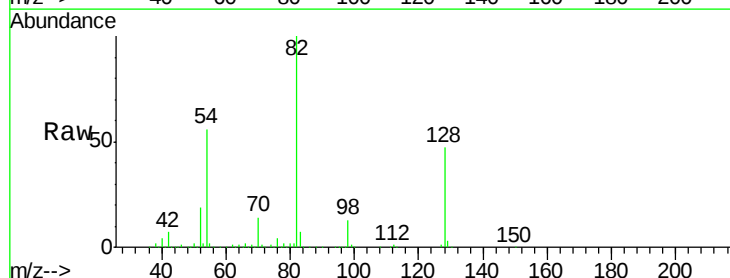
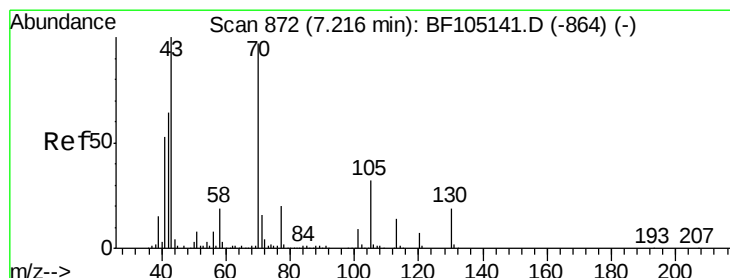
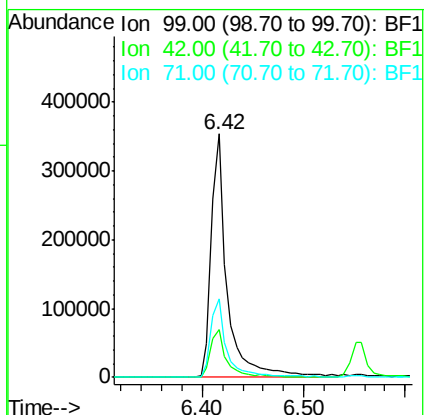
Tot Ion: 99 Resp: 391944

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 32.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 20.72 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF105354.D

Acq: 12 May 2018 22:34

Tgt Ion: 70 Resp: 137754

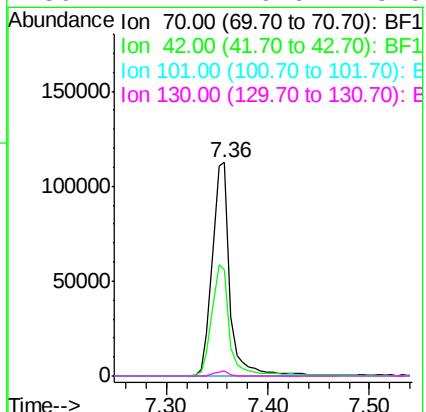
Ion Ratio Lower Upper

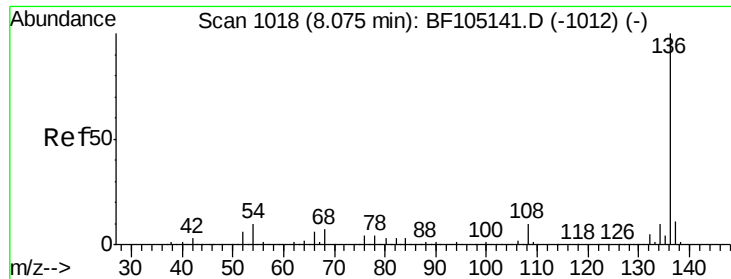
70 100

42 49.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

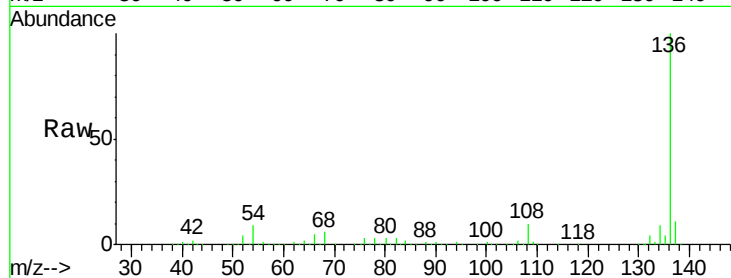




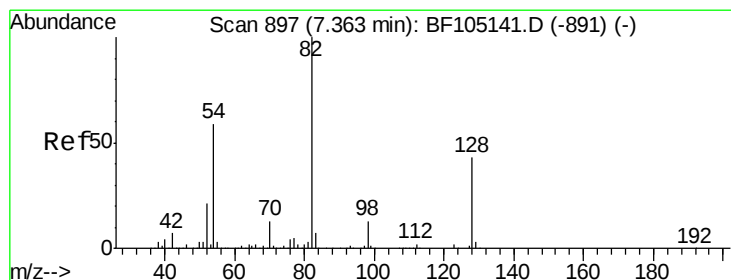
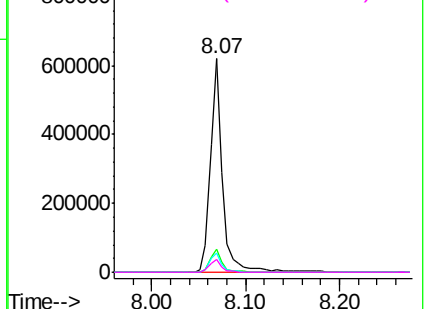
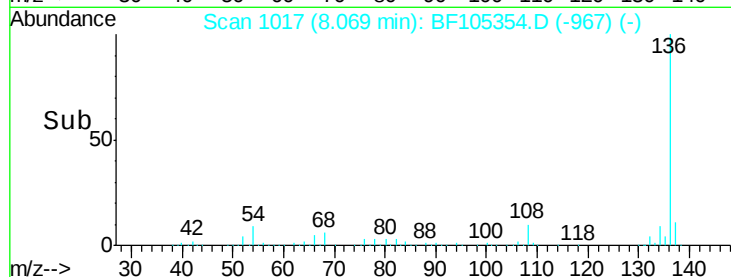
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF105354.D
Acq: 12 May 2018 22:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	569849
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	8.8	6.6 9.8
68	5.8	5.0 7.4

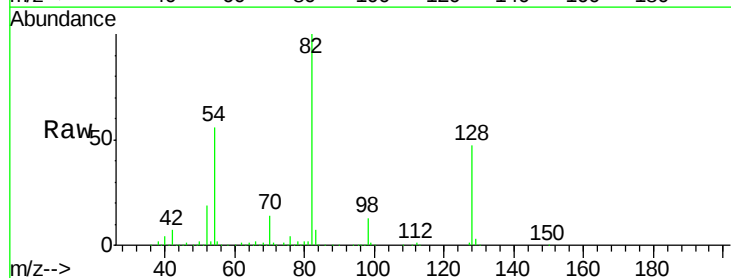


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

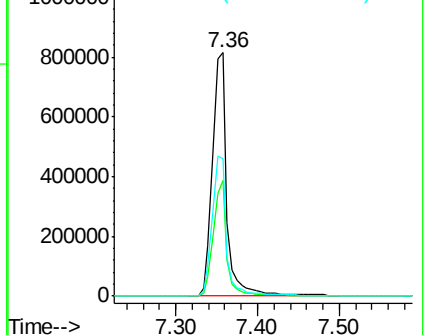
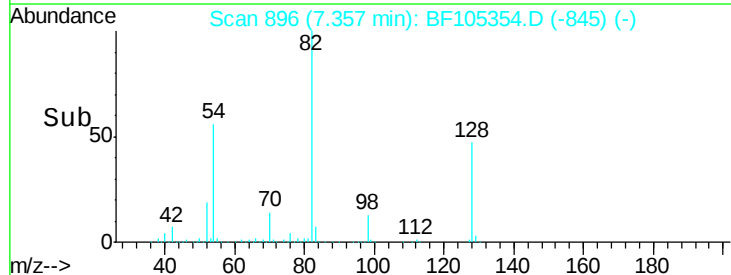


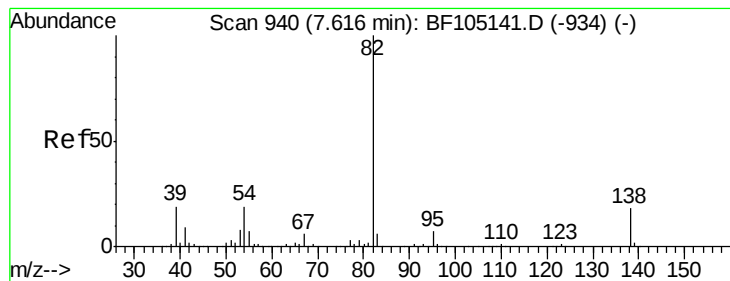
#23
Nitrobenzene-d5
Concen: 103.48 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF105354.D
Acq: 12 May 2018 22:34

Tgt Ion: 82	Resp:	1013191
Ion Ratio	Lower	Upper
82	100	
128	47.2	36.1 54.1
54	56.3	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: 54.67 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF105354.D

Acq: 12 May 2018 22:34

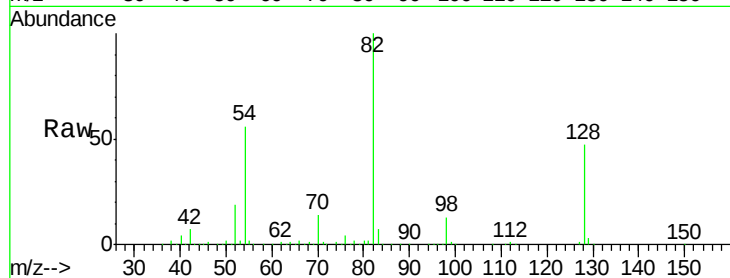
Instrument :

BNA_F

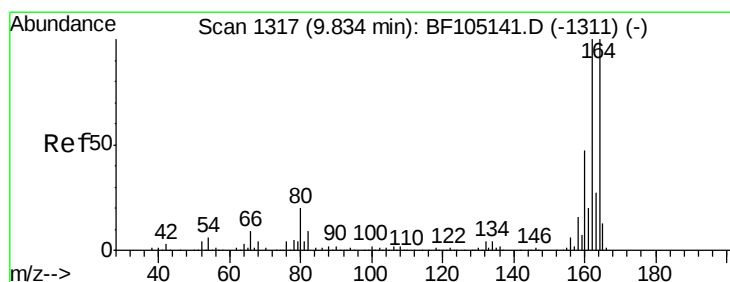
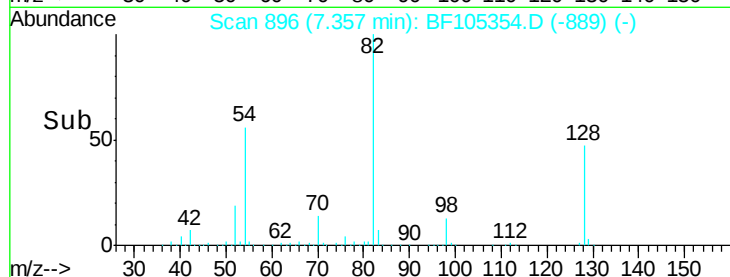
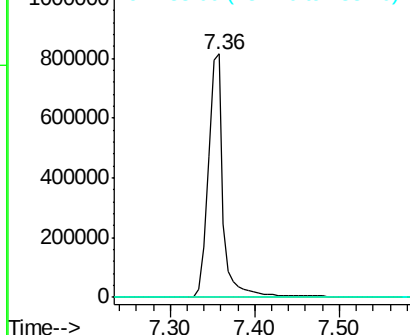
ClientSampled :

Tot Ion: 82 Resp: 1013184

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: 20.00 ng

RT: 9.82 min Scan# 1315

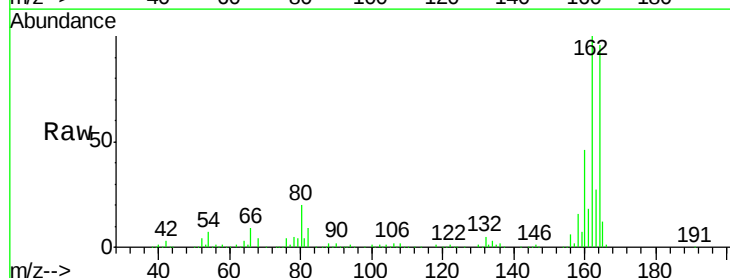
Delta R.T. -0.01 min

Lab File: BF105354.D

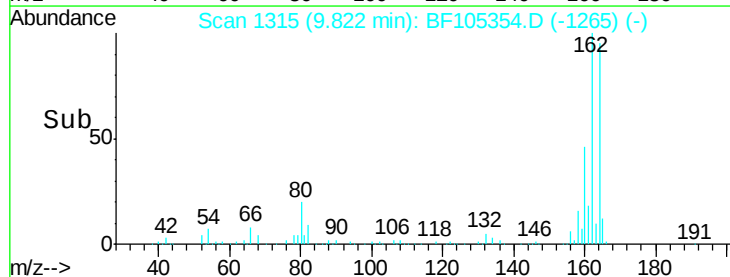
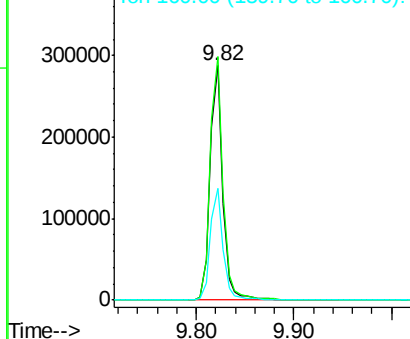
Acq: 12 May 2018 22:34

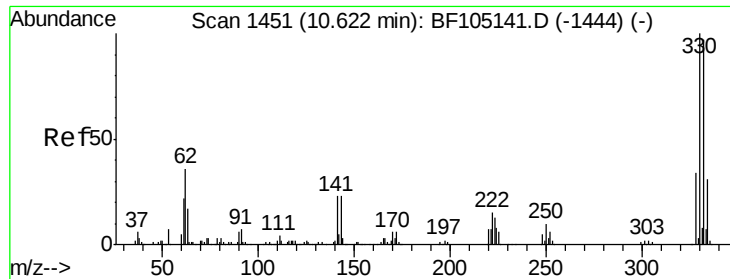
Tgt Ion: 164 Resp: 258666

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	47.7	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

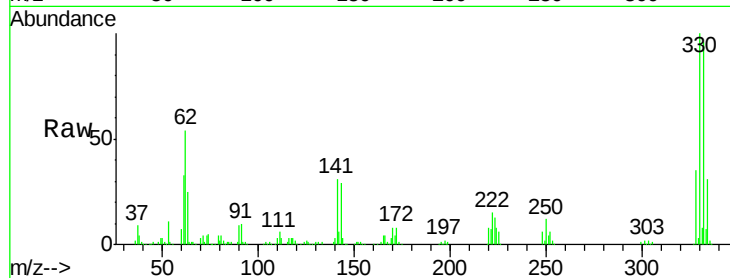




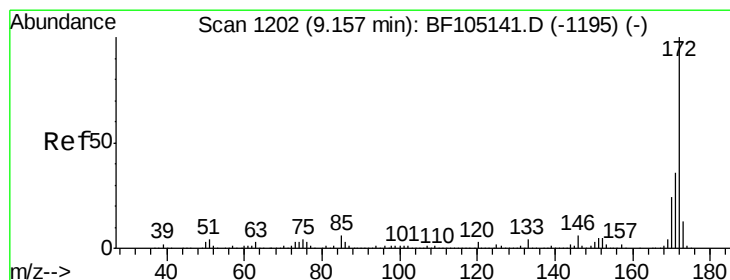
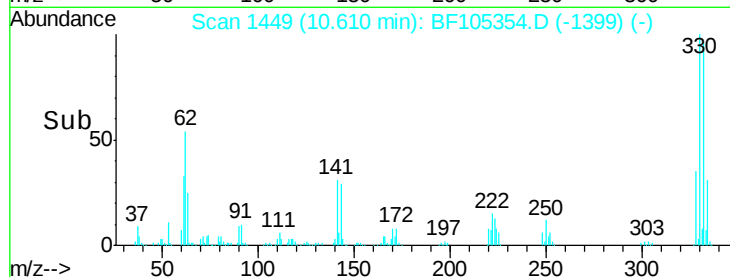
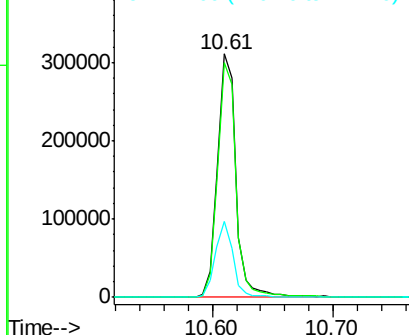
#41
 2,4,6-Tribromophenol
 Concen: 97.73 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF105354.D
 Acq: 12 May 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	30.3	29.9	44.9

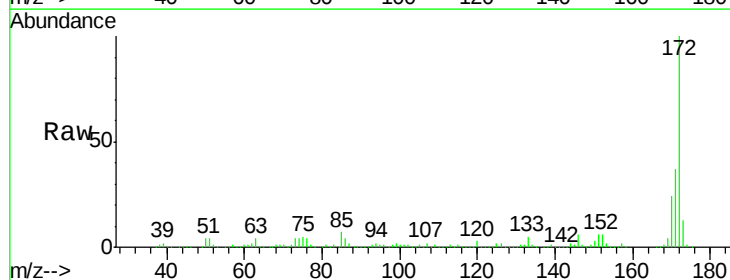


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

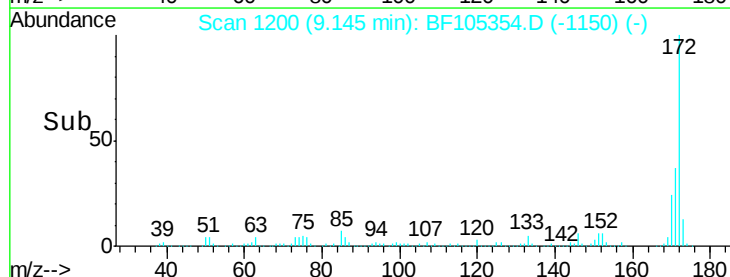
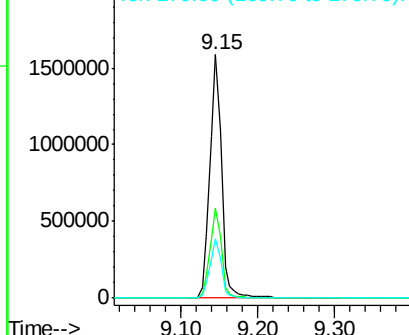


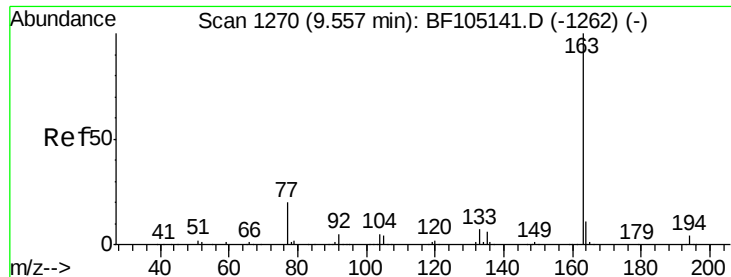
#44
 2-Fluorobiphenyl
 Concen: 93.15 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105354.D
 Acq: 12 May 2018 22:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	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

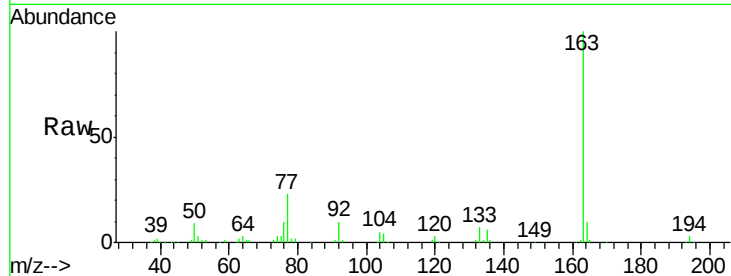




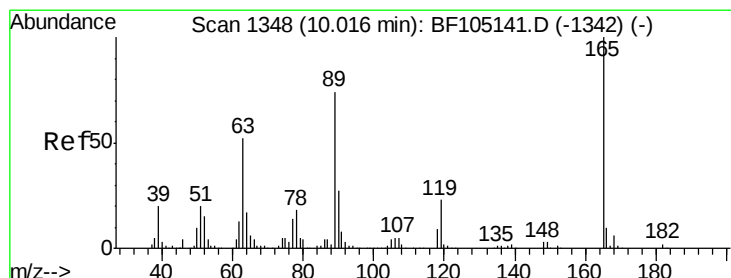
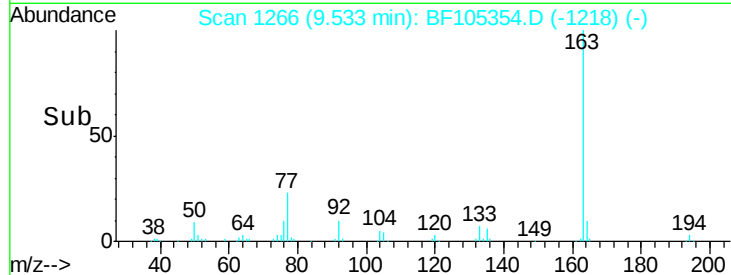
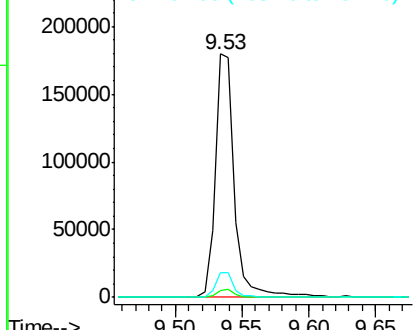
#49
Dimethylphthalate
Concen: 9.16 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF105354.D
Acq: 12 May 2018 22:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 181895
Ion Ratio Lower Upper
163 100
194 2.9 2.7 4.1
164 9.9 8.2 12.2

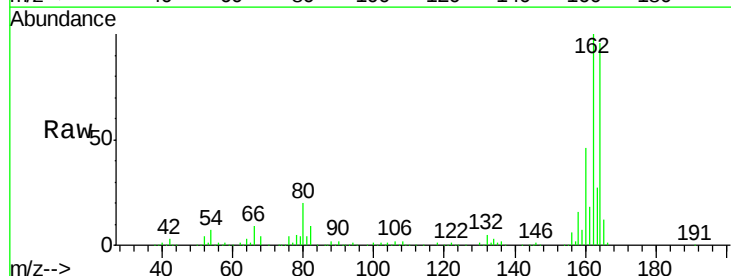


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

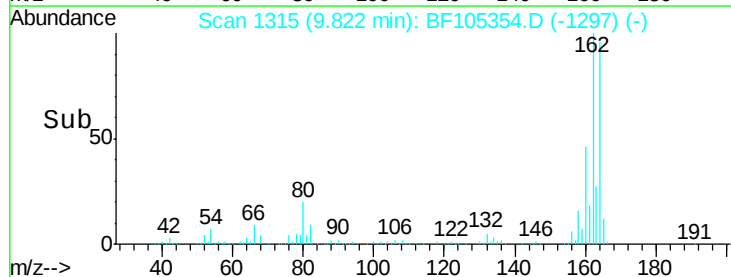
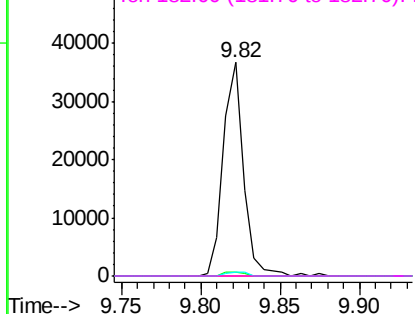


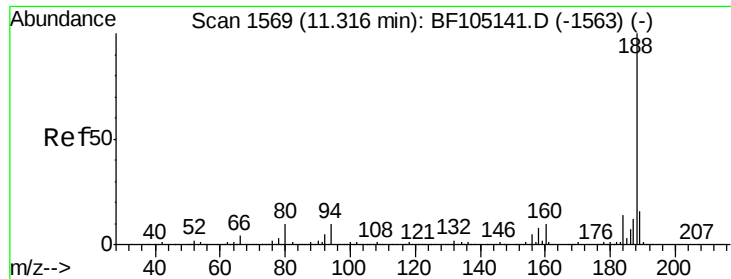
#56
2,4-Dinitrotoluene
Concen: 5.73 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF105354.D
Acq: 12 May 2018 22:34

Tgt Ion:165 Resp: 32569
Ion Ratio Lower Upper
165 100
63 1.6 36.4 54.6#
89 2.0 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

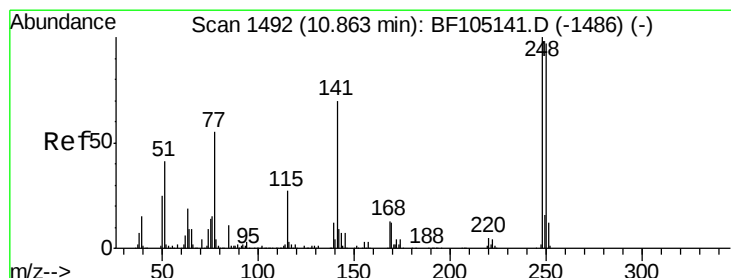
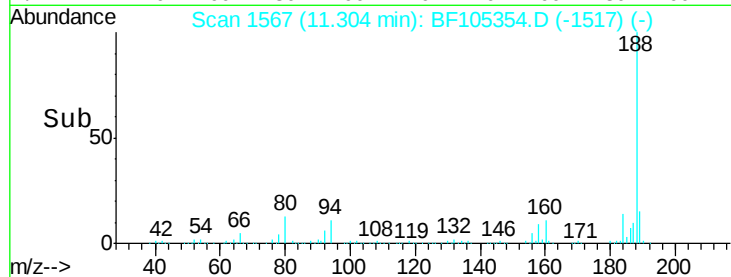
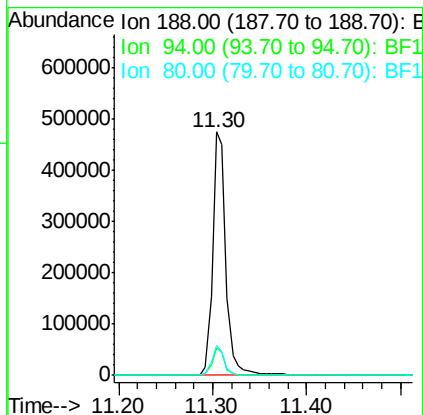
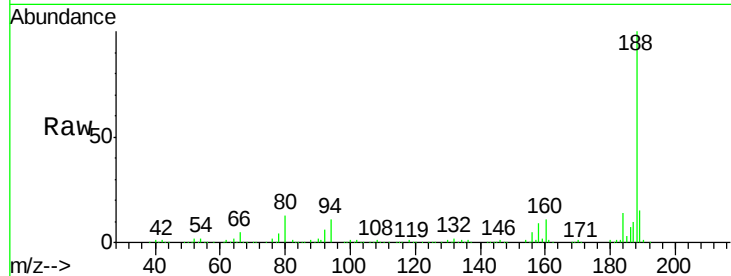




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF105354.D
Acq: 12 May 2018 22:34

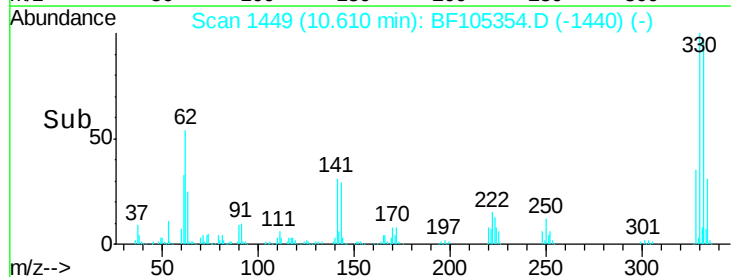
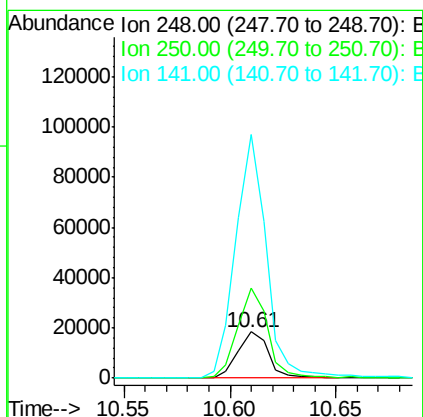
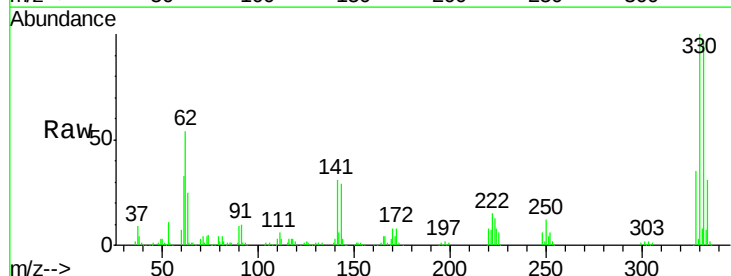
Instrument :
BNA_F
ClientSampleId :

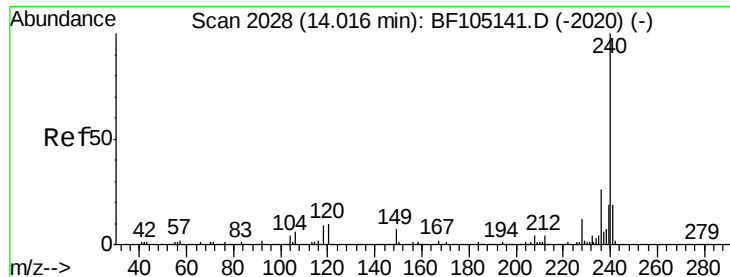
Tot Ion:188 Resp: 477761
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.5 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.47 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.25 min
Lab File: BF105354.D
Acq: 12 May 2018 22:34

Tgt Ion:248 Resp: 18450
Ion Ratio Lower Upper
248 100
250 194.9 76.9 115.3#
141 525.7 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.04 min

Lab File: BF105354.D

Acq: 12 May 2018 22:34

Instrument :

BNA_F

ClientSampleId :

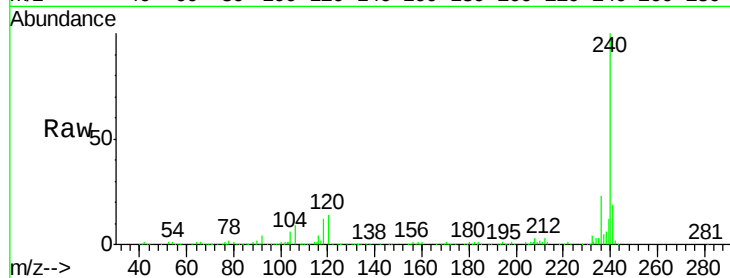
Tot Ion:240 Resp: 314382

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3#

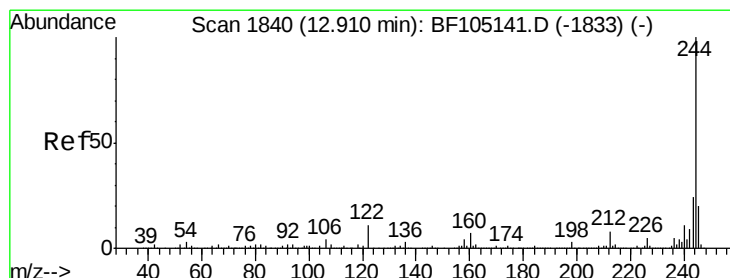
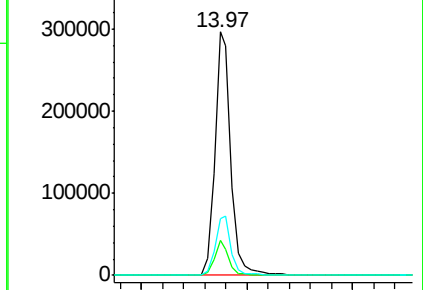
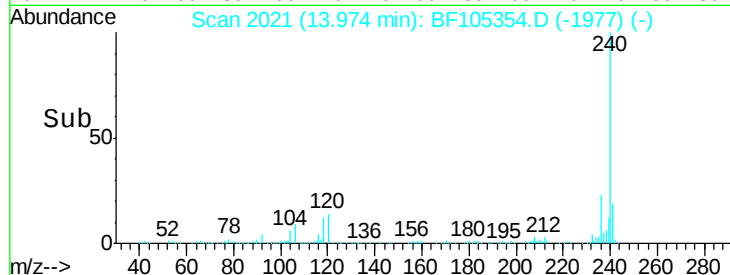
236 23.4 20.7 31.1



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: 109.72 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF105354.D

Acq: 12 May 2018 22:34

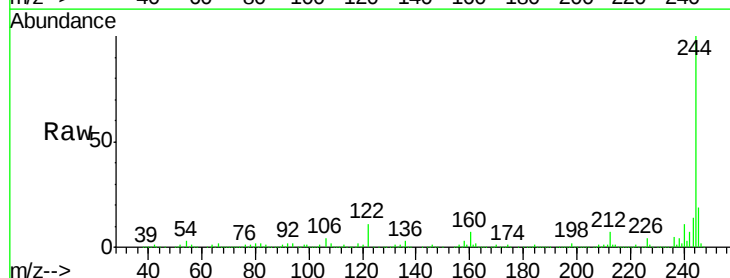
Tgt Ion:244 Resp: 1604552

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

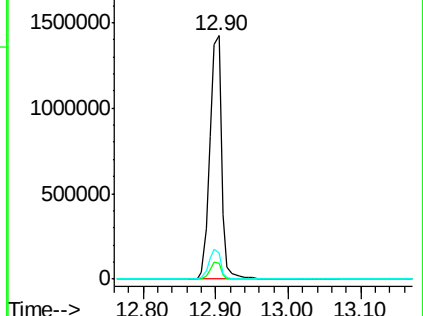
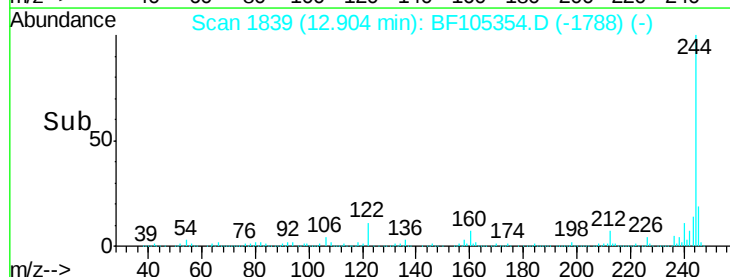
122 10.6 11.0 16.4#

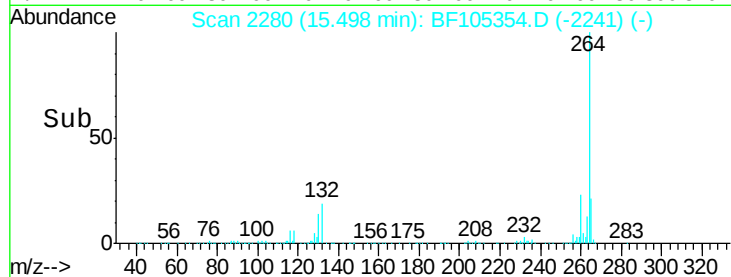
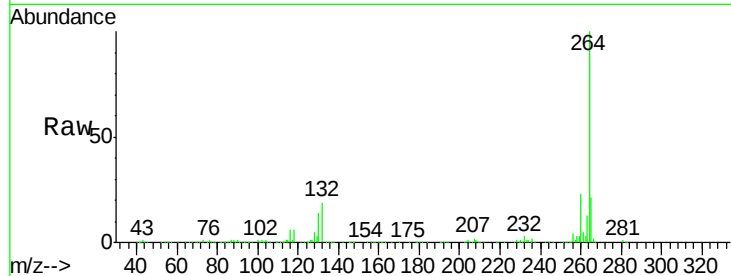
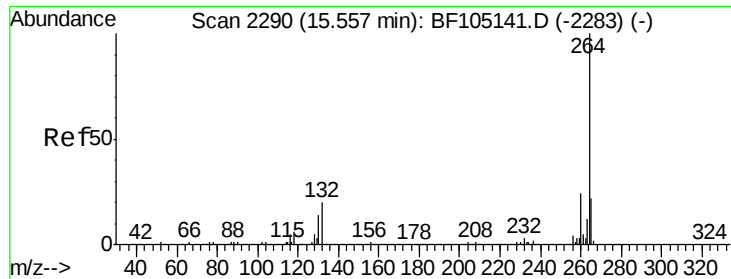


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.07 min
 Lab File: BF105354.D
 Acq: 12 May 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	17.5	26.3

