

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105097.D
 Acq On : 4 May 2018 2:20
 Operator : JU/SJ
 Sample : J2626-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 03:56:28 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

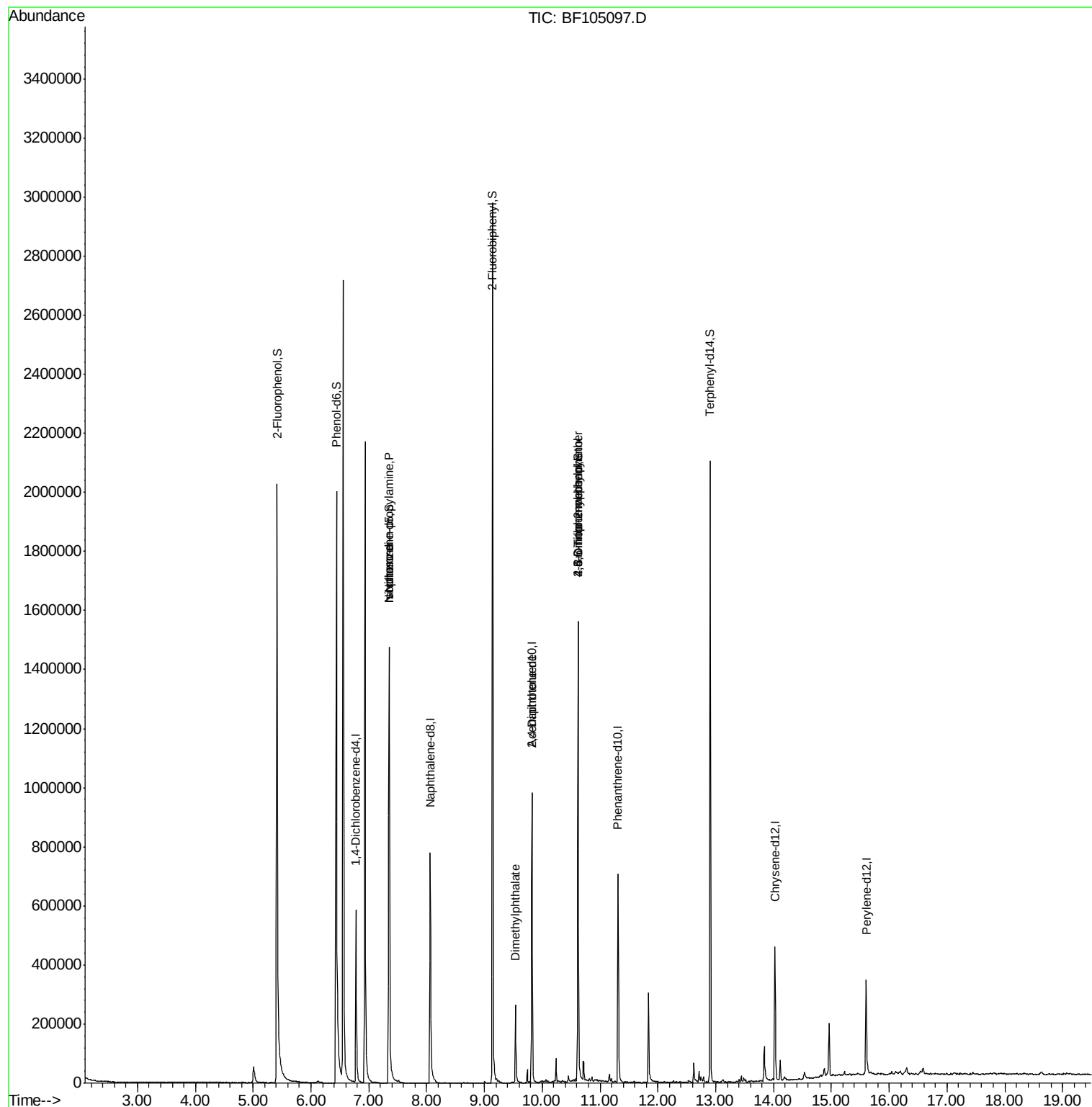
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	110675	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	450663	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	193909	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	303263	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	191491	20.00	ng	0.00
86) Perylene-d12	15.60	264	154403	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	887190	122.57	ng	0.00
7) Phenol-d6	6.44	99	1071023	120.43	ng	0.00
23) Nitrobenzene-d5	7.35	82	634750	91.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	242745	120.68	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1091994	88.96	ng	-0.02
78) Terphenyl-d14	12.90	244	767311	91.35	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.44	77	1115	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.35	70	82192	14.14	ng	# 72
25) Isophorone	7.35	82	634746	43.49	ng	# 64
49) Dimethylphthalate	9.54	163	133317	8.72	ng	99
56) 2,4-Dinitrotoluene	9.82	165	24535	6.61	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.62	198	150	7.43	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	14640	4.54	ng	# 1
76) Benzidine	12.90	184	9668	Below Cal		97

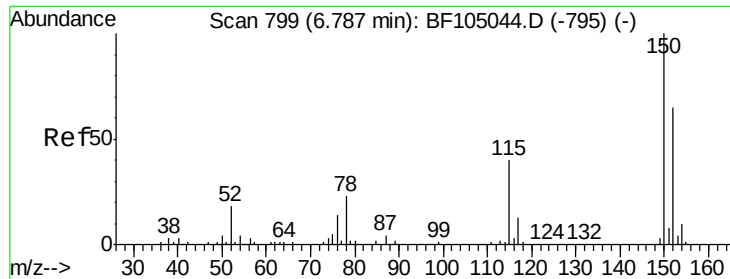
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF105097.D

Acq: 4 May 2018 2:20

Instrument :

BNA_F

ClientSampleId :

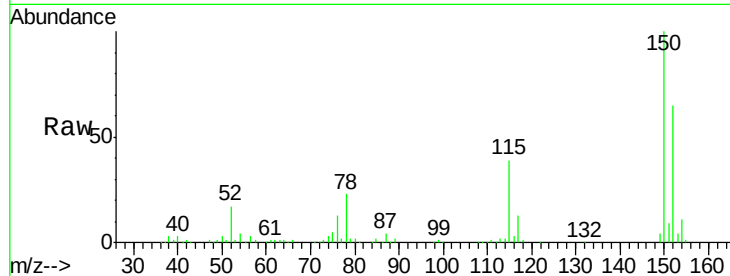
Tot Ion:152 Resp: 110675

Ion Ratio Lower Upper

152 100

150 154.0 124.6 186.8

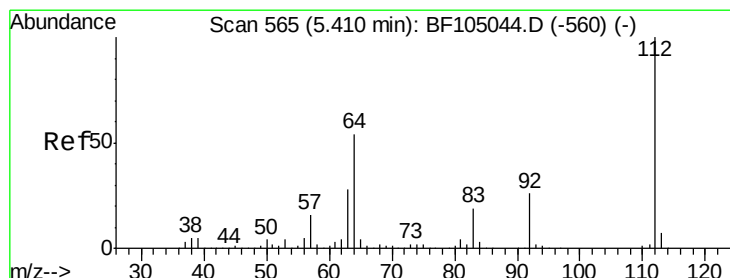
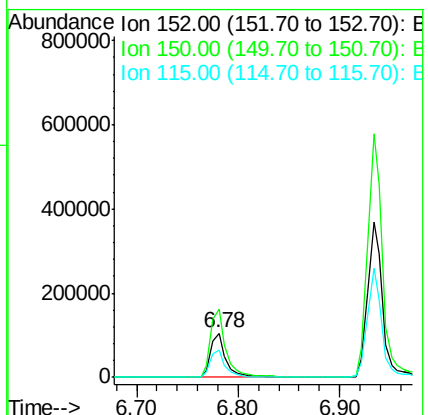
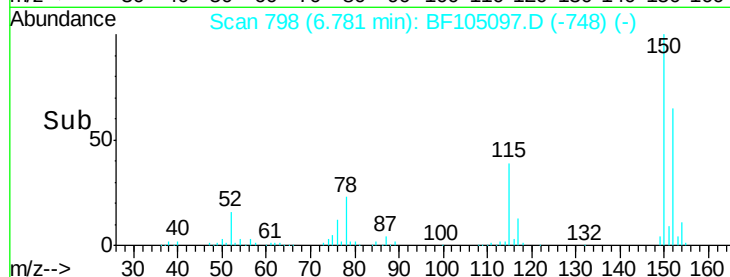
115 60.5 50.1 75.1



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: 122.57 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF105097.D

Acq: 4 May 2018 2:20

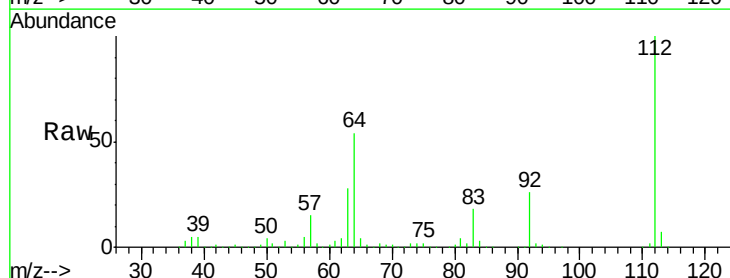
Tgt Ion:112 Resp: 887190

Ion Ratio Lower Upper

112 100

64 53.5 47.9 71.9

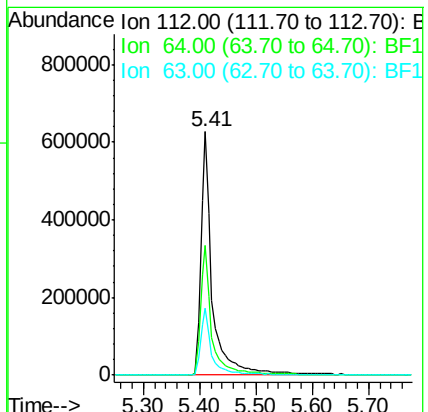
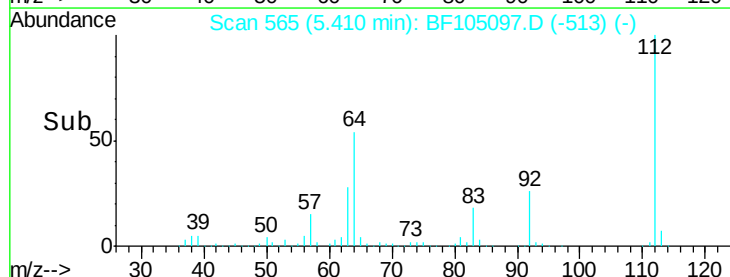
63 27.6 23.7 35.5

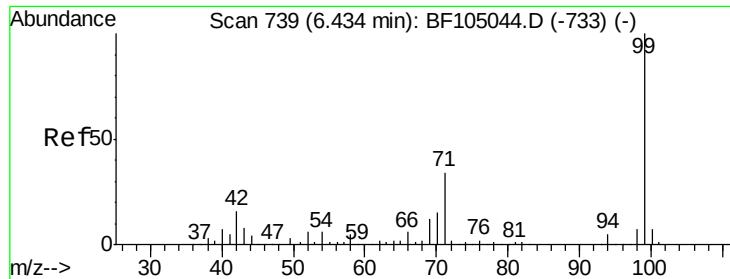


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 120.43 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF105097.D

Acq: 4 May 2018 2:20

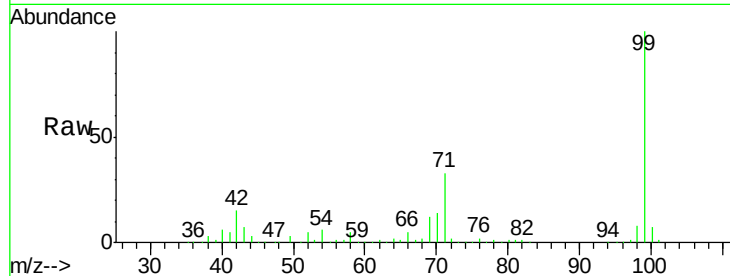
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1071023

Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.5	21.7
71	33.4	25.4	38.0

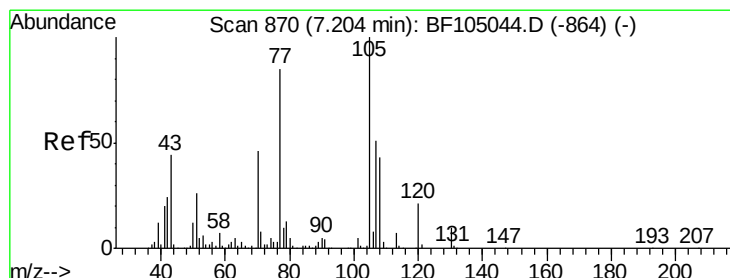
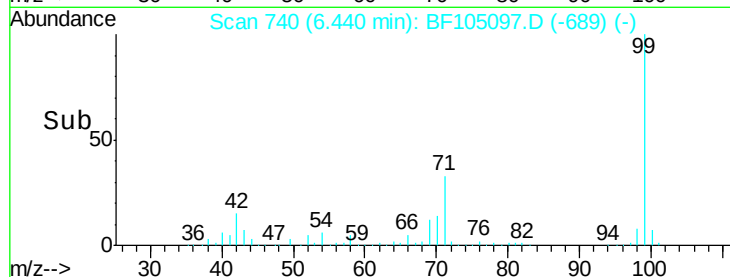
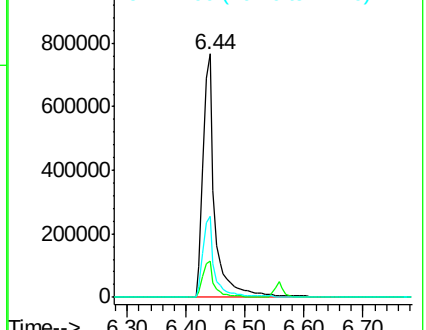


Abundance

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: 14.14 ng

RT: 7.35 min Scan# 895

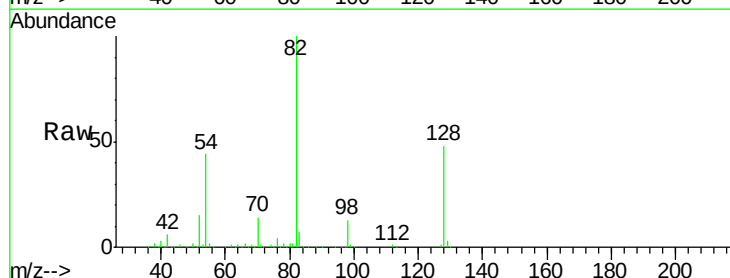
Delta R.T. 0.14 min

Lab File: BF105097.D

Acq: 4 May 2018 2:20

Tgt Ion: 70 Resp: 82192

Ion	Ratio	Lower	Upper
70	100		
42	40.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



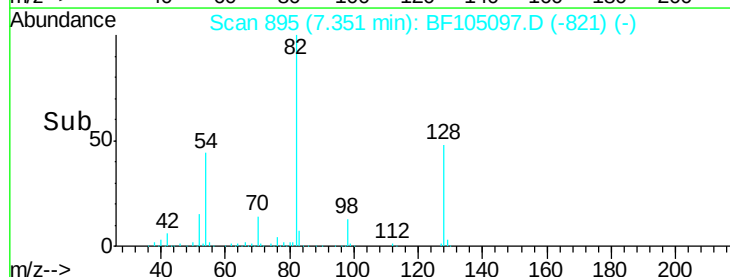
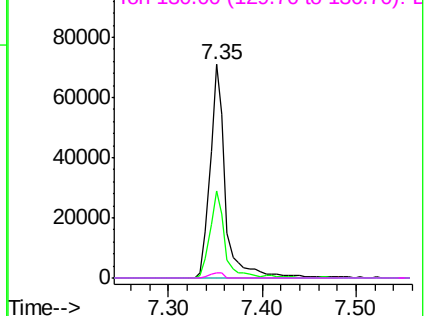
Abundance

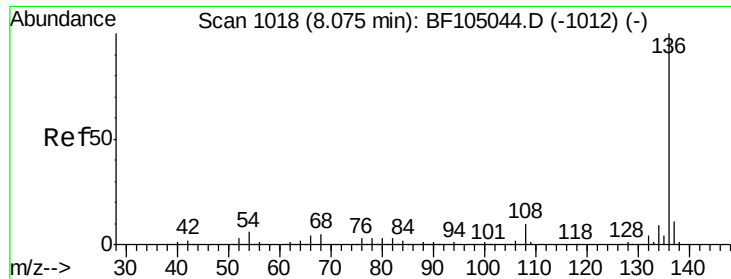
Ion 70.00 (69.70 to 70.70): BF1

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

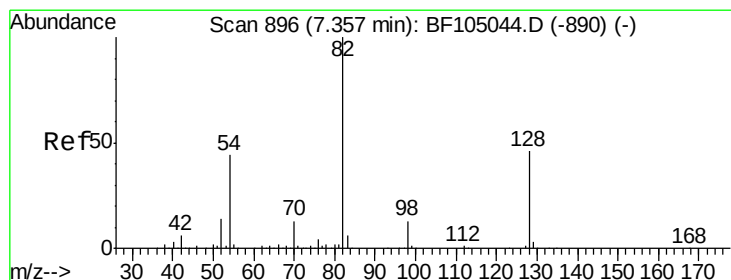
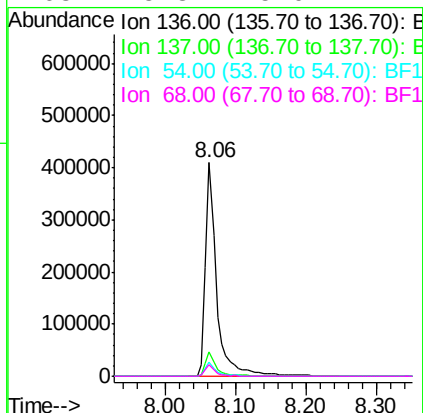
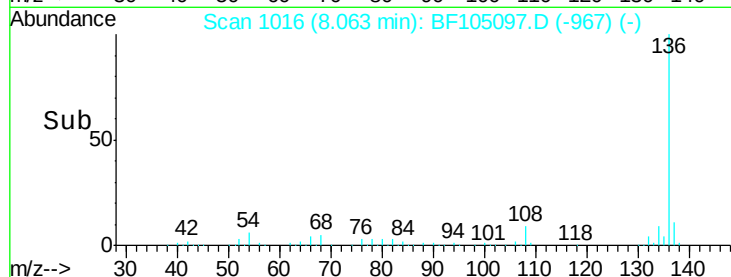
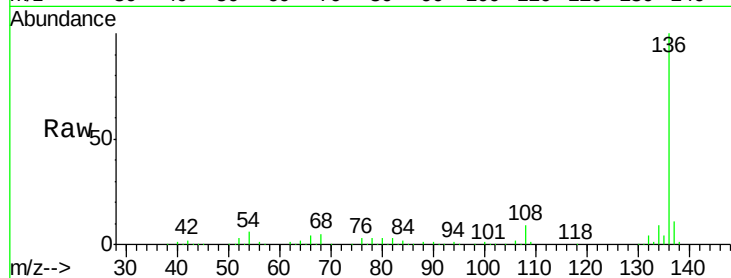




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

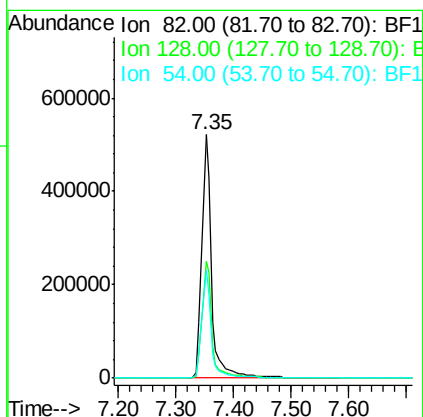
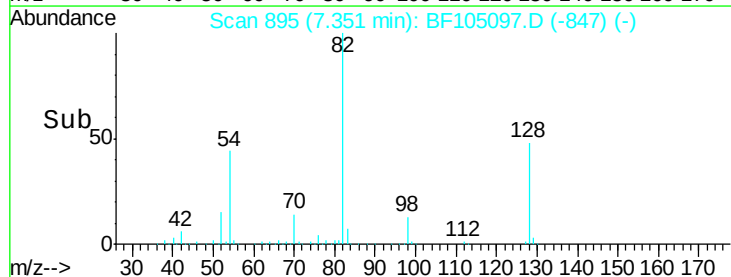
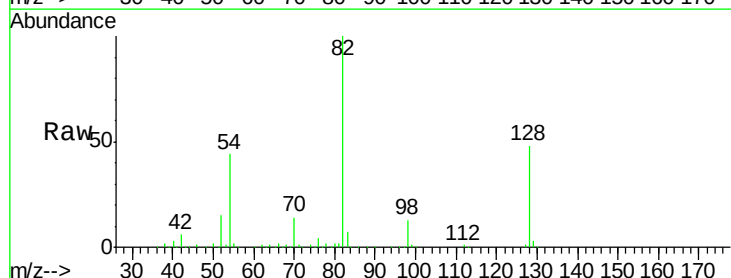
Instrument :
BNA_F
ClientSampleId :

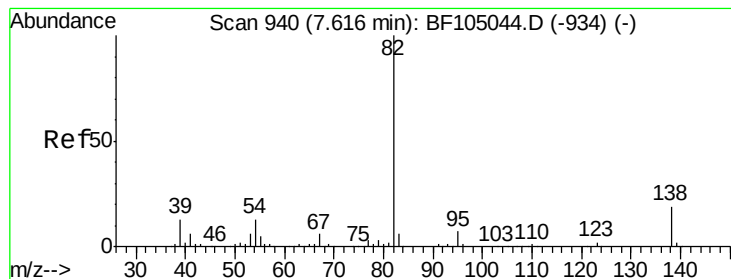
Tot Ion:136	Resp:	450663
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	6.4	6.6 9.8#
68	5.3	5.0 7.4



#23
Nitrobenzene-d5
Concen: 91.97 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Tgt Ion: 82	Resp:	634750
Ion Ratio	Lower	Upper
82	100	
128	48.1	36.1 54.1
54	44.1	41.4 62.2





#25

Isophorone

Concen: 43.49 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.27 min

Lab File: BF105097.D

Acq: 4 May 2018 2:20

Instrument :

BNA_F

ClientSampleId :

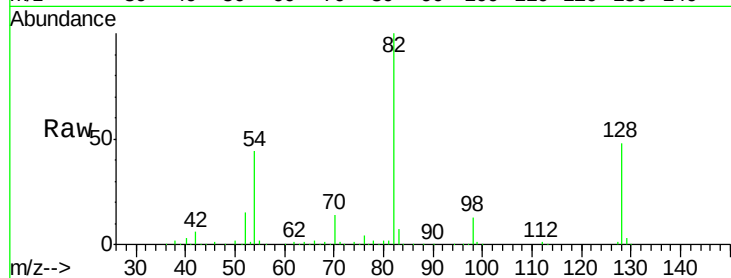
Tot Ion: 82 Resp: 634746

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

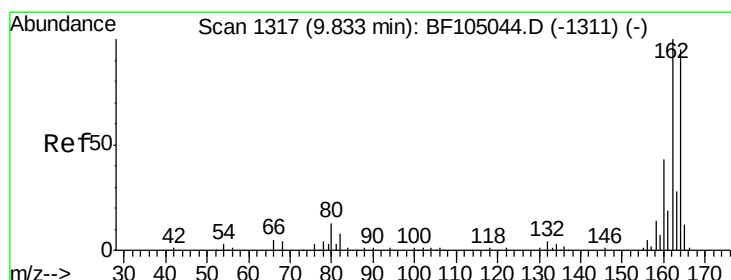
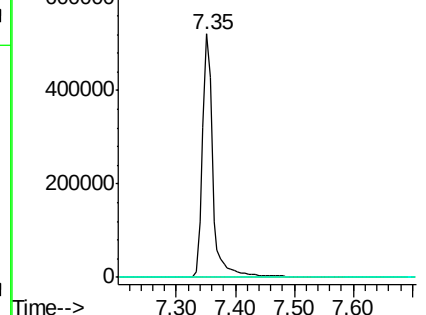
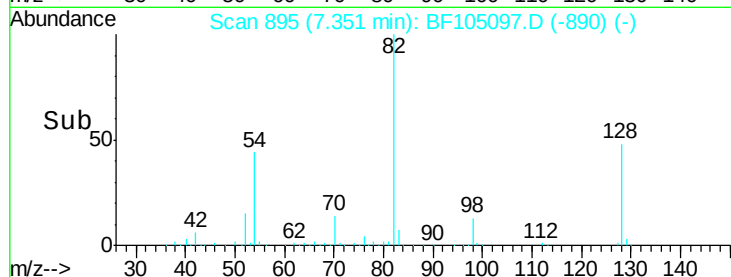
138 0.0 14.9 22.3#



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: BF105097.D

Acq: 4 May 2018 2:20

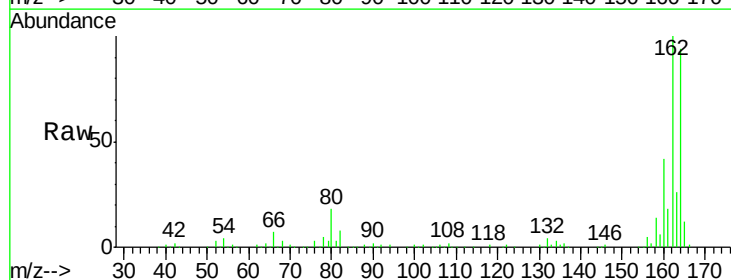
Tgt Ion: 164 Resp: 193909

Ion Ratio Lower Upper

164 100

162 106.0 86.1 129.1

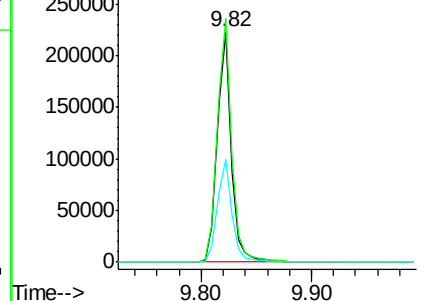
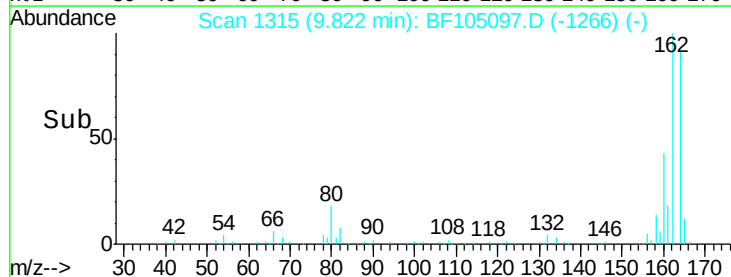
160 45.0 38.3 57.5

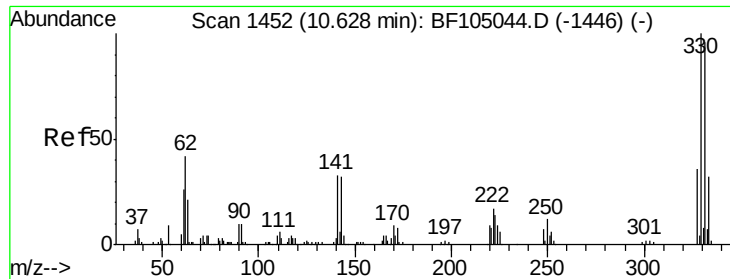


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

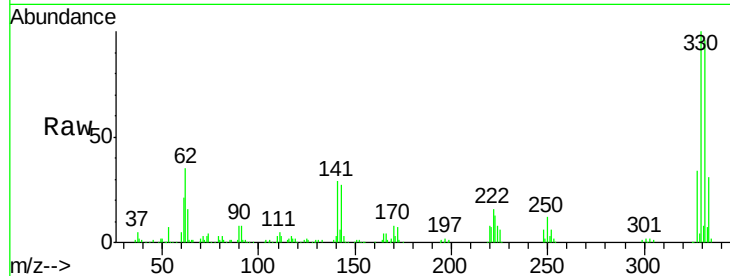




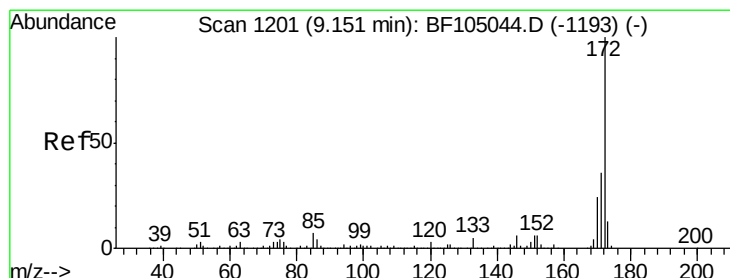
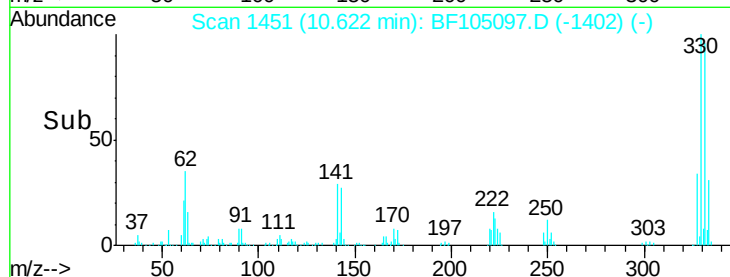
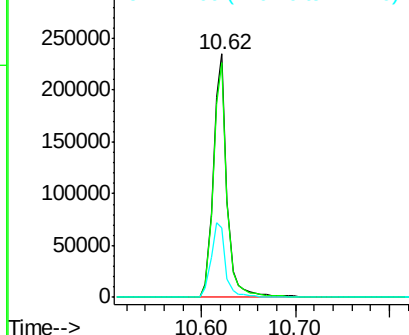
#41
 2,4,6-Tribromophenol
 Concen: 120.68 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105097.D
 Acq: 4 May 2018 2:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	32.5	29.9	44.9

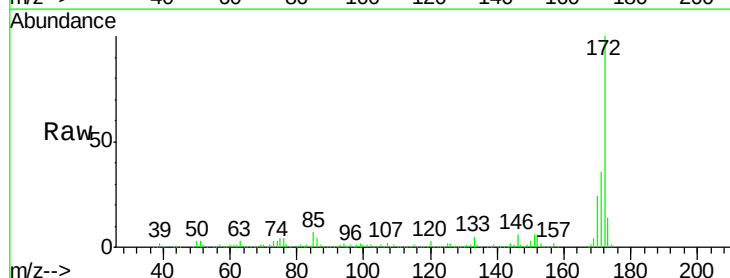


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

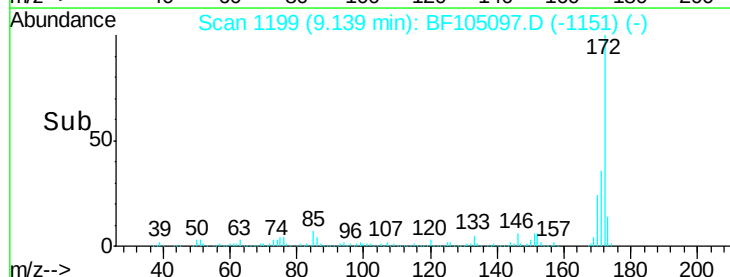
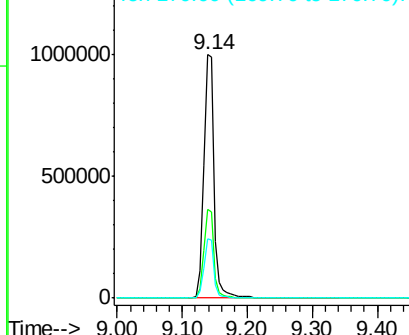


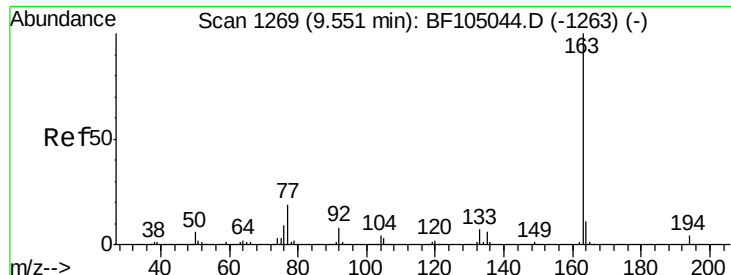
#44
 2-Fluorobiphenyl
 Concen: 88.96 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF105097.D
 Acq: 4 May 2018 2:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	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

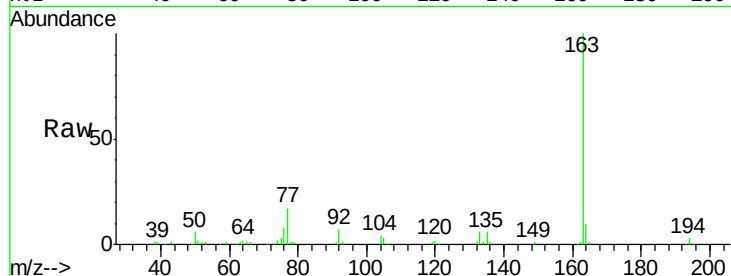




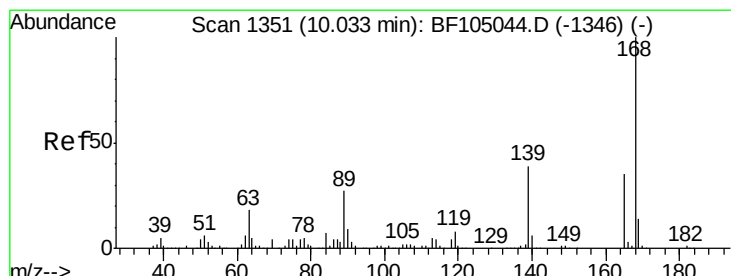
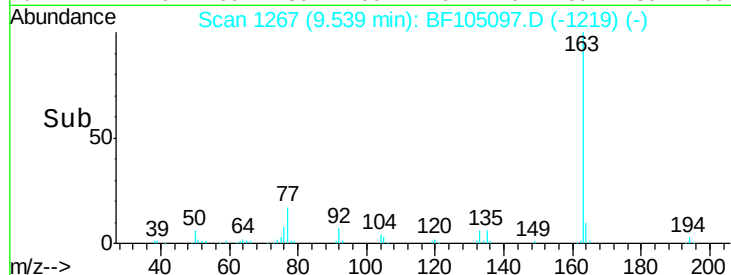
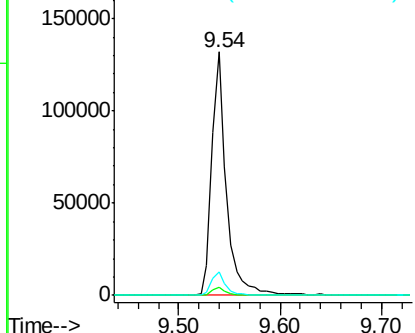
#49
Dimethylphthalate
Concen: 8.72 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.7	8.2	12.2



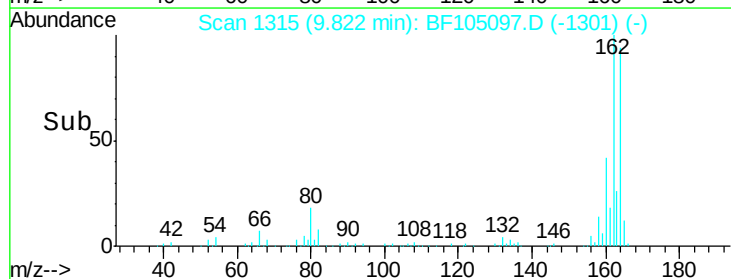
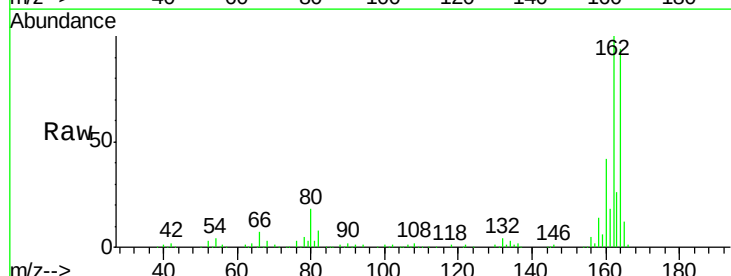
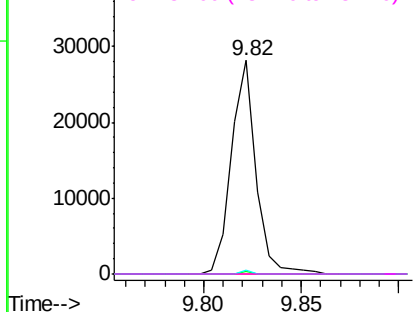
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

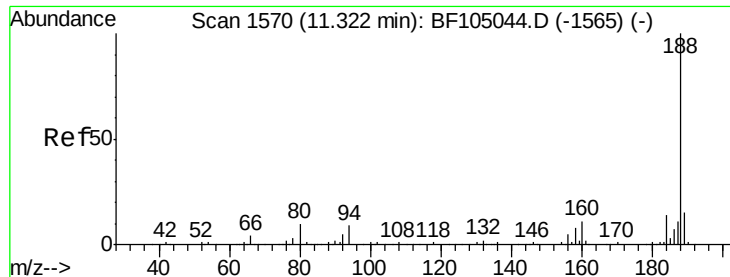


#56
2,4-Dinitrotoluene
Concen: 6.61 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.5	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

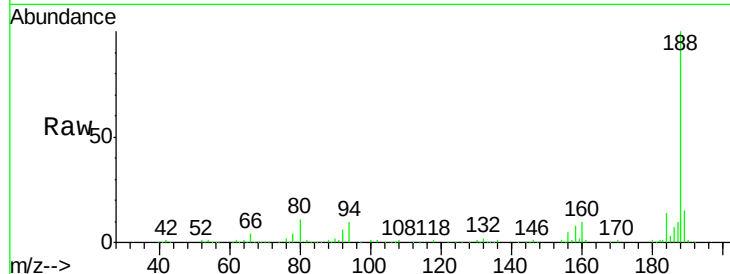




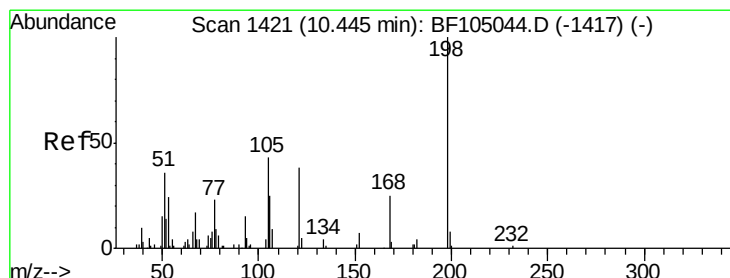
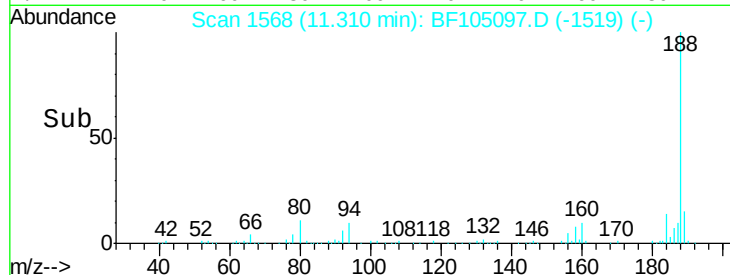
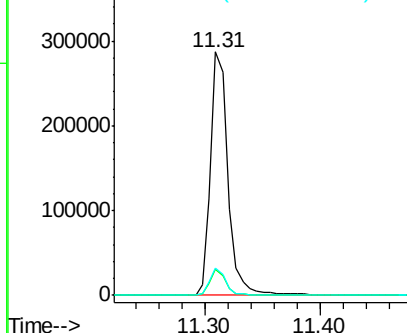
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 303263
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.0 9.2 13.8

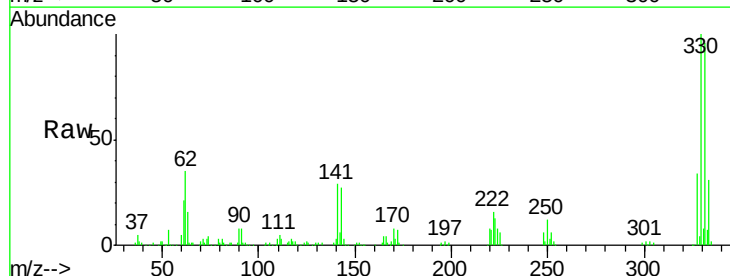


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

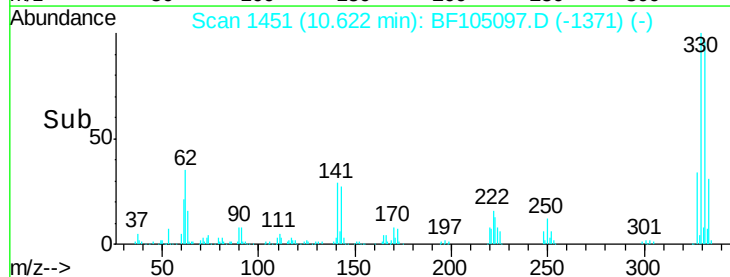
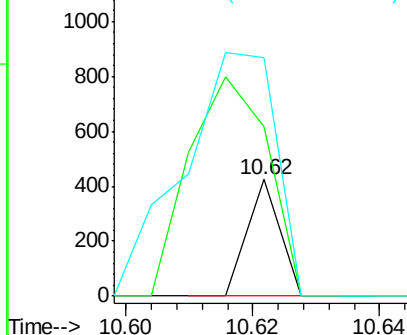


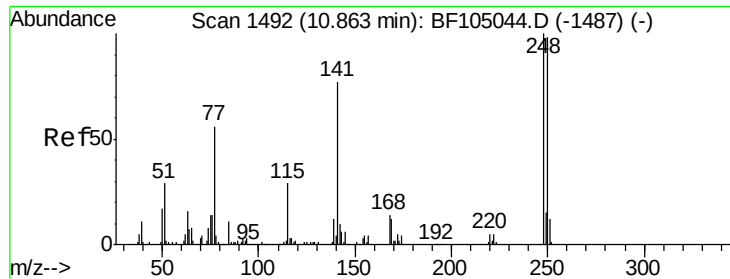
#64
4,6-Dinitro-2-methylphenol
Concen: 7.43 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.17 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Tgt Ion:198 Resp: 150
Ion Ratio Lower Upper
198 100
51 145.4 37.7 77.7#
105 204.5 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

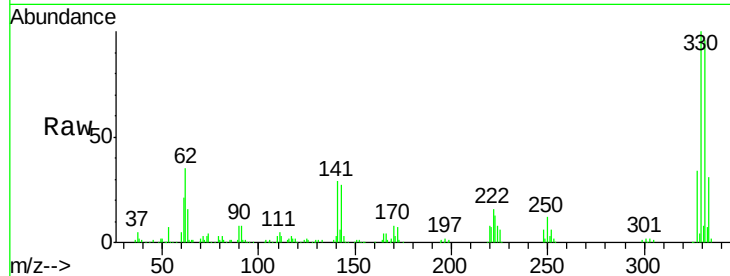




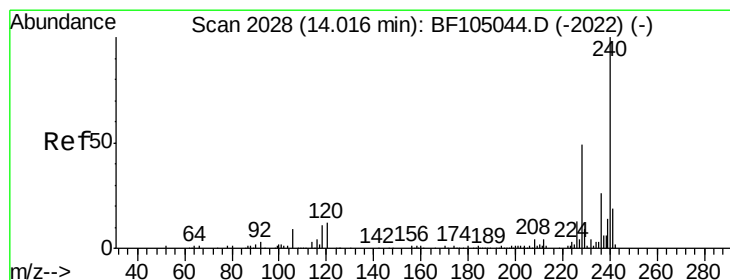
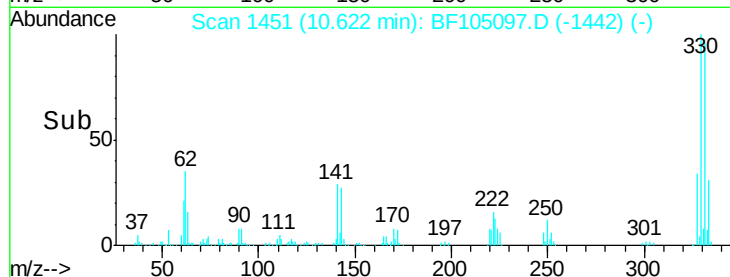
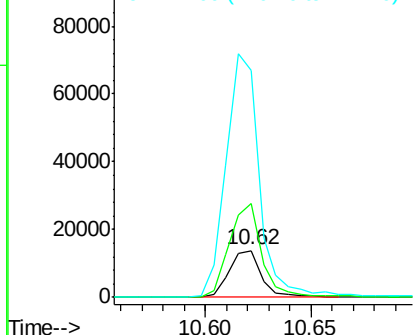
#66
4-Bromophenyl-phenylether
Concen: 4.54 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 14640
Ion Ratio Lower Upper
248 100
250 200.9 76.9 115.3#
141 486.0 74.4 111.6#

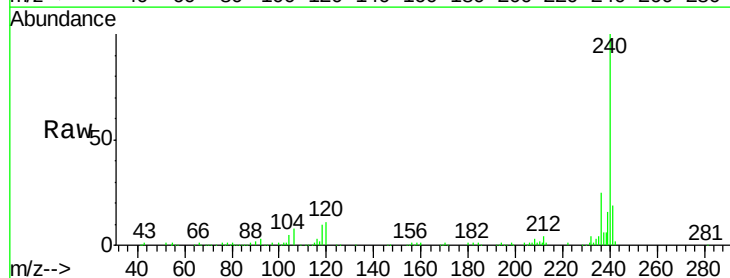


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

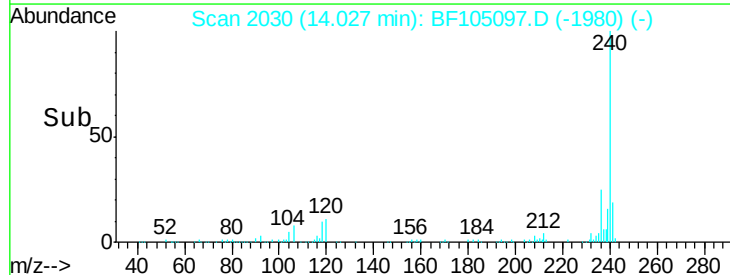
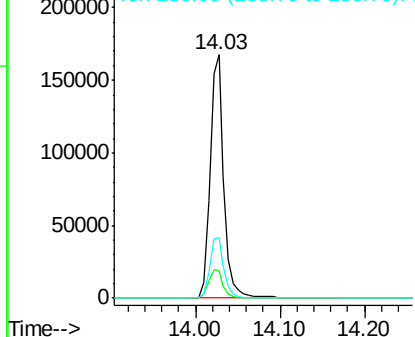


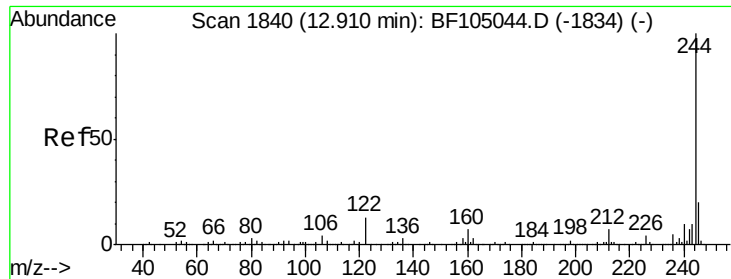
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF105097.D
Acq: 4 May 2018 2:20

Tgt Ion:240 Resp: 191491
Ion Ratio Lower Upper
240 100
120 11.1 9.5 14.3
236 24.9 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: 91.35 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF105097.D

Acq: 4 May 2018 2:20

Instrument :

BNA_F

ClientSampleId :

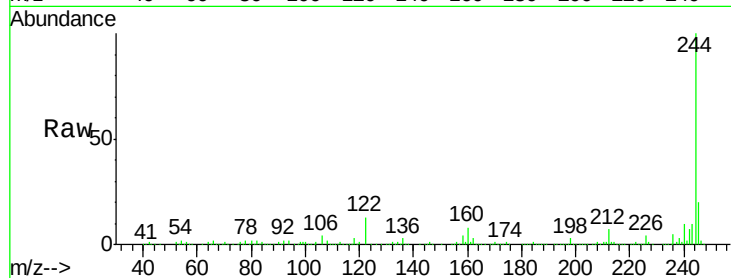
Tot Ion:244 Resp: 767311

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

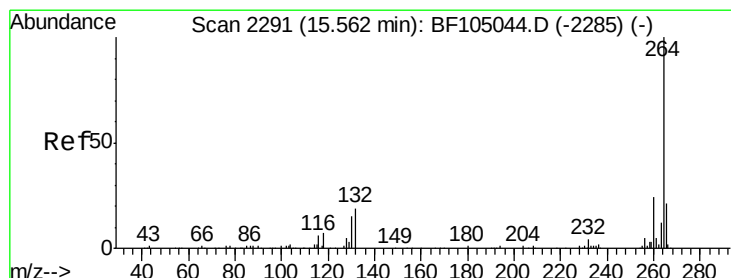
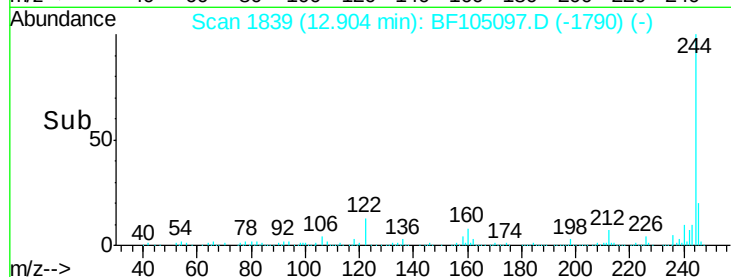
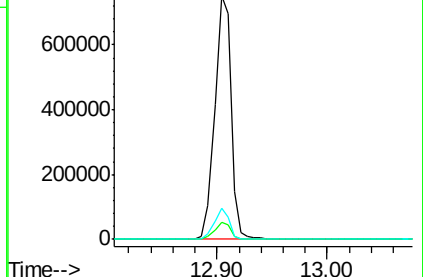
122 12.8 11.0 16.4



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

Perylene-d12

Concen: 20.00 ng

RT: 15.60 min Scan# 2298

Delta R.T. 0.01 min

Lab File: BF105097.D

Acq: 4 May 2018 2:20

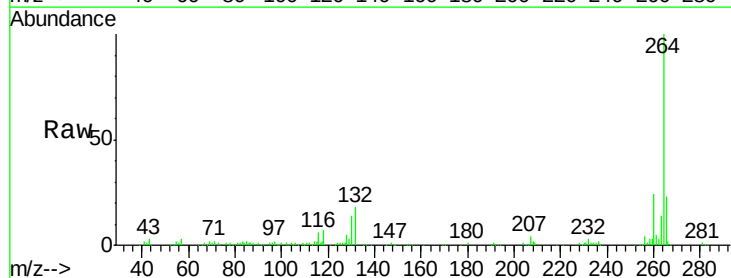
Tgt Ion:264 Resp: 154403

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.6 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

