

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105095.D
 Acq On : 4 May 2018 1:27
 Operator : JU/SJ
 Sample : J2626-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 03:55:57 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

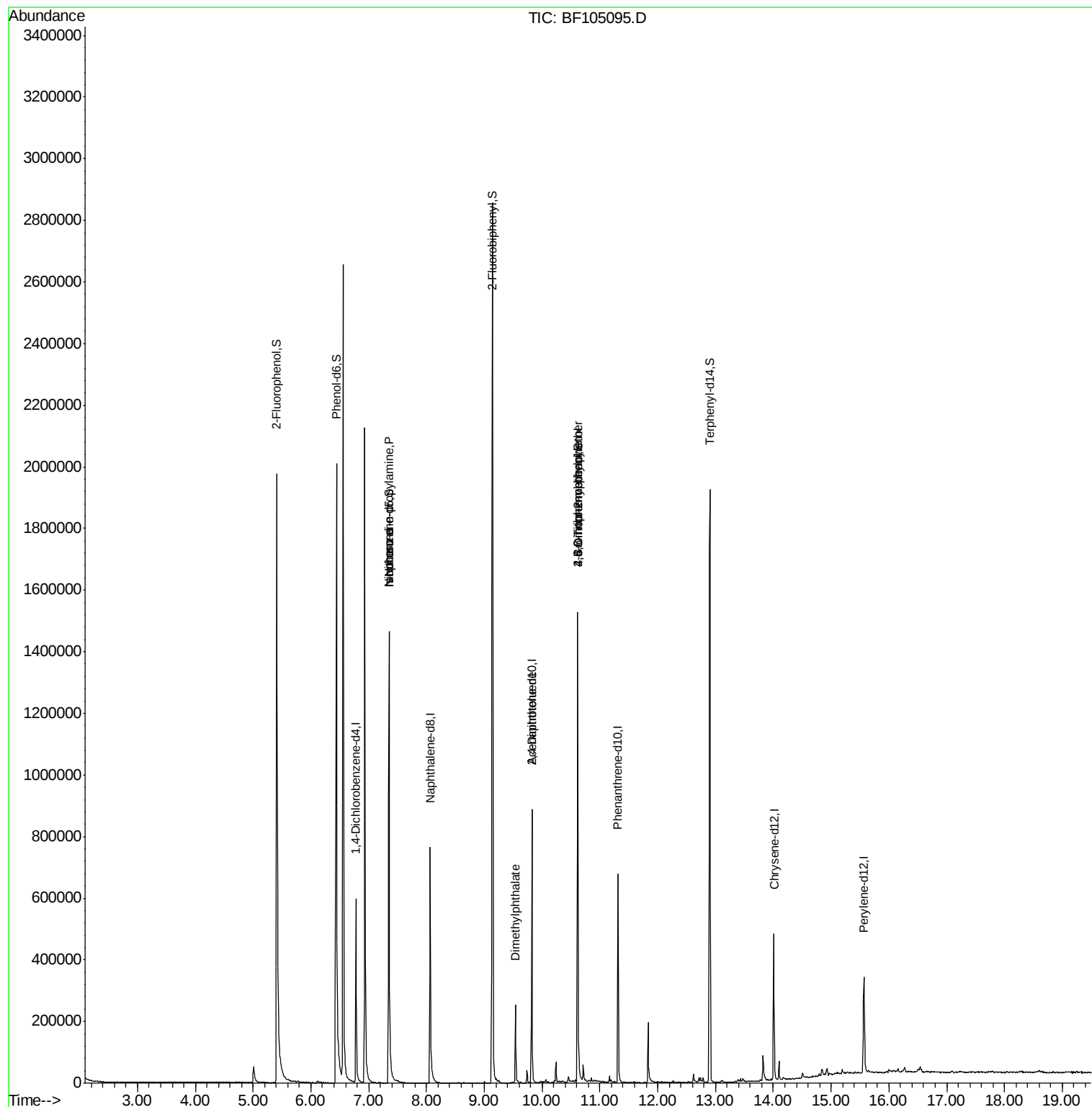
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	108252	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	436291	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	185683	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	287531	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	183440	20.00	ng	-0.02
86) Perylene-d12	15.57	264	142594	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	869214	122.78	ng	0.00
7) Phenol-d6	6.44	99	1036493	119.16	ng	0.00
23) Nitrobenzene-d5	7.35	82	609823	91.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	224360	116.48	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	997117	84.83	ng	-0.02
78) Terphenyl-d14	12.90	244	691782	85.98	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	78904	13.88	ng	# 72
25) Isophorone	7.35	82	609820	43.16	ng	# 64
49) Dimethylphthalate	9.54	163	129471	8.84	ng	100
56) 2,4-Dinitrotoluene	9.82	165	23660	6.66	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.62	198	254	7.50	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	13667	4.47	ng	# 1
76) Benzidine	12.90	184	9107	Below Cal		# 95

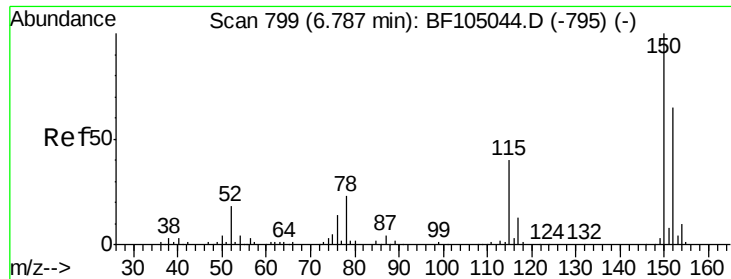
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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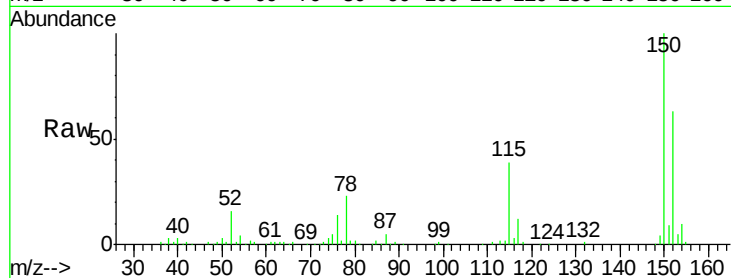


#1

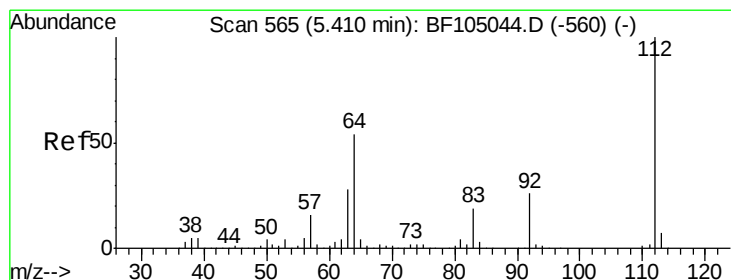
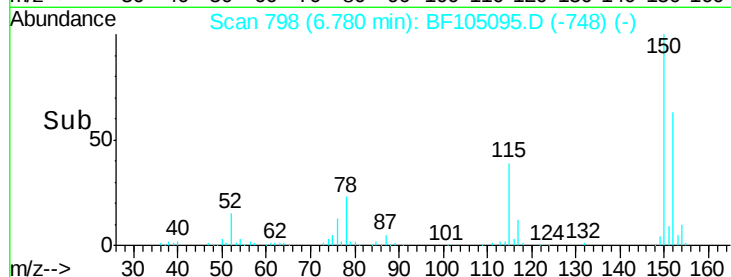
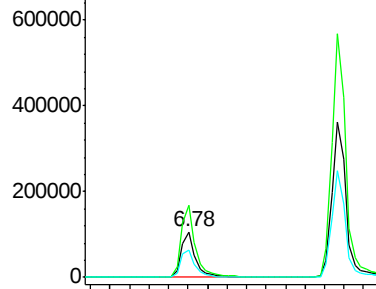
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF105095.D
Acq: 4 May 2018 1:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 108252
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 61.5 50.1 75.1



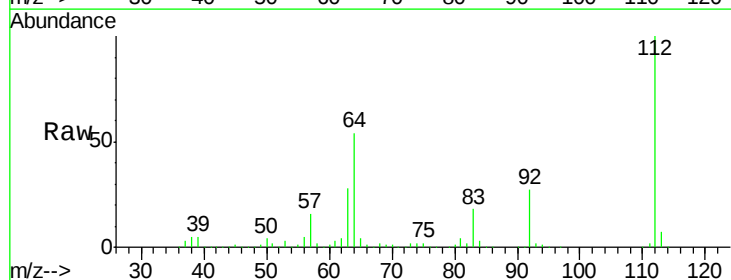
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



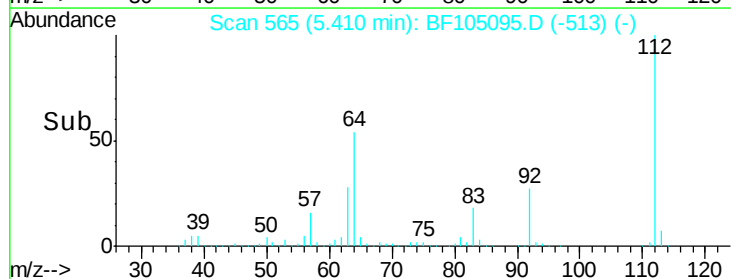
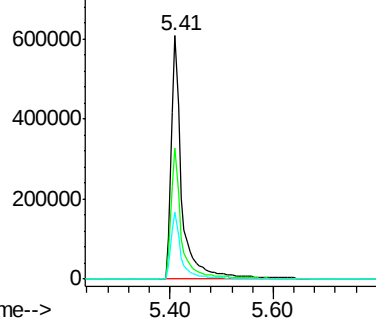
#5

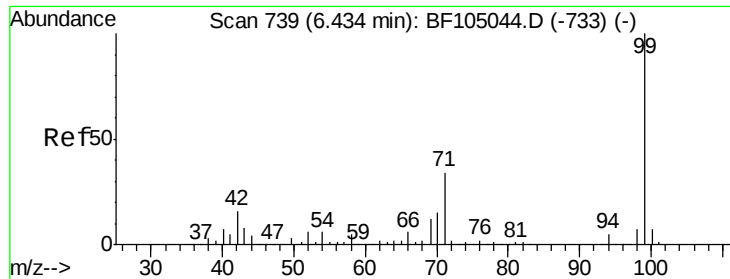
2-Fluorophenol
Concen: 122.78 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF105095.D
Acq: 4 May 2018 1:27

Tgt Ion:112 Resp: 869214
Ion Ratio Lower Upper
112 100
64 53.9 47.9 71.9
63 27.5 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: 119.16 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF105095.D

Acq: 4 May 2018 1:27

Instrument :

BNA_F

ClientSampled :

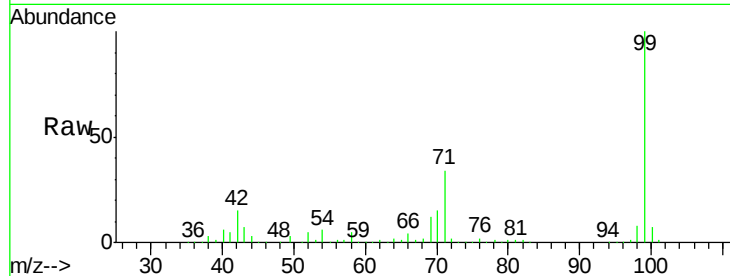
Tot Ion: 99 Resp: 1036493

Ion Ratio Lower Upper

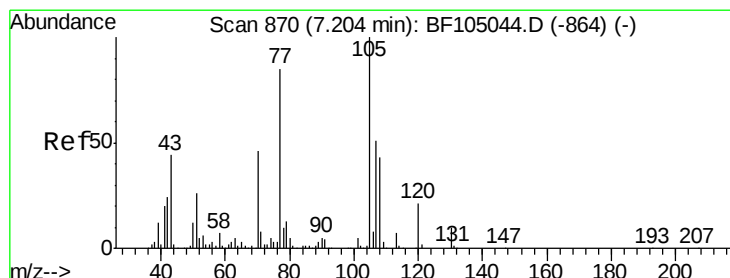
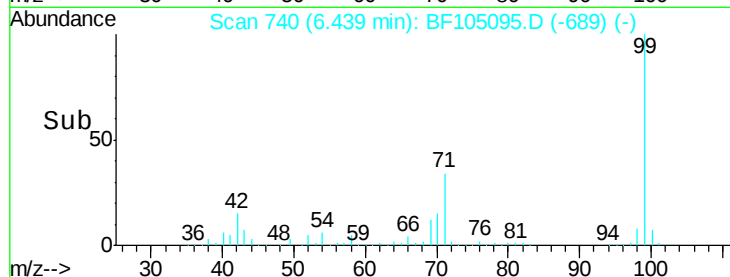
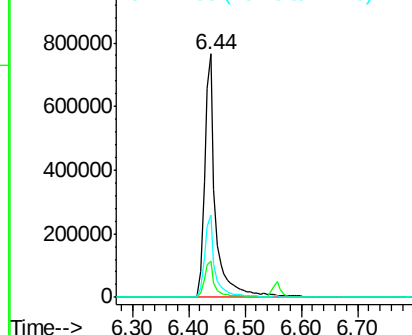
99 100

42 15.0 14.5 21.7

71 33.8 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: 13.88 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.14 min

Lab File: BF105095.D

Acq: 4 May 2018 1:27

Tgt Ion: 70 Resp: 78904

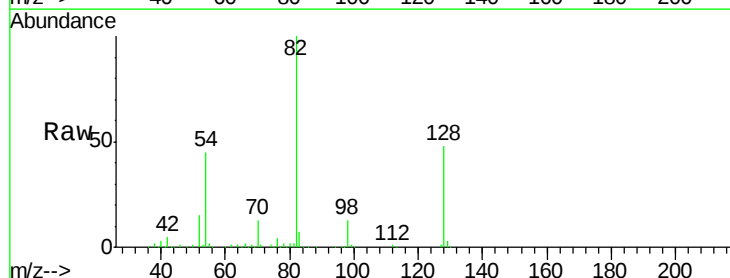
Ion Ratio Lower Upper

70 100

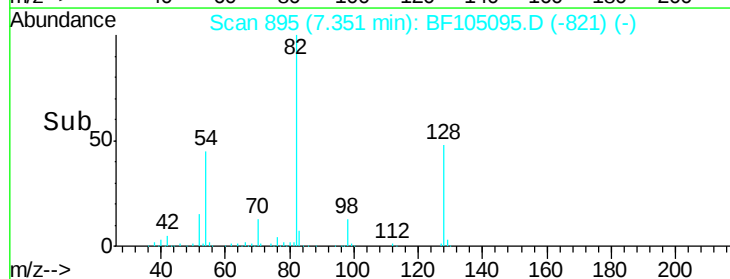
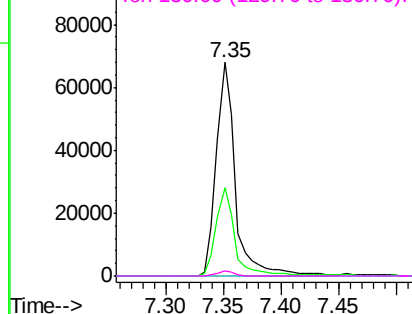
42 41.3 47.5 71.3#

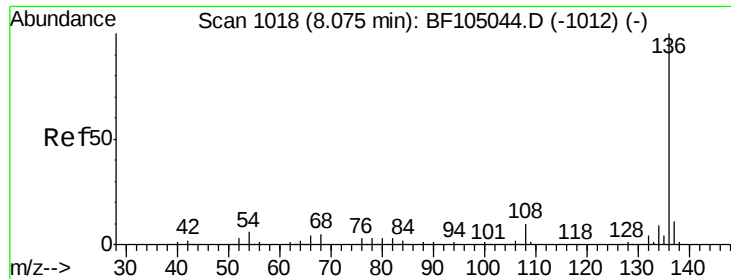
101 0.0 7.4 11.2#

130 2.5 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

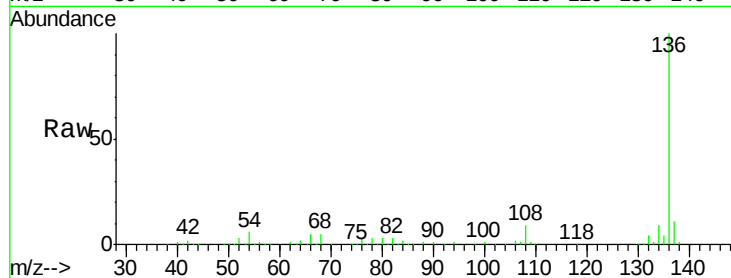




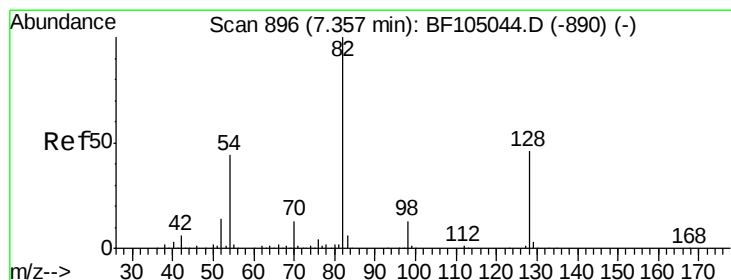
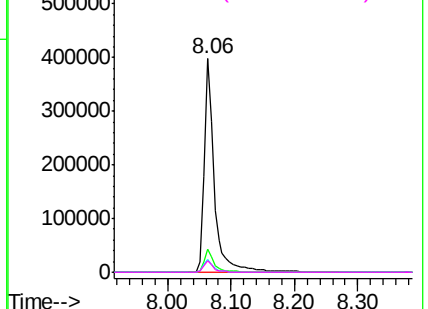
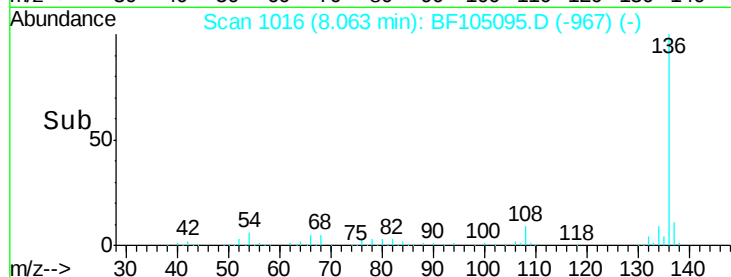
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF105095.D
Acq: 4 May 2018 1:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	436291
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	6.2	6.6 9.8#
68	5.4	5.0 7.4

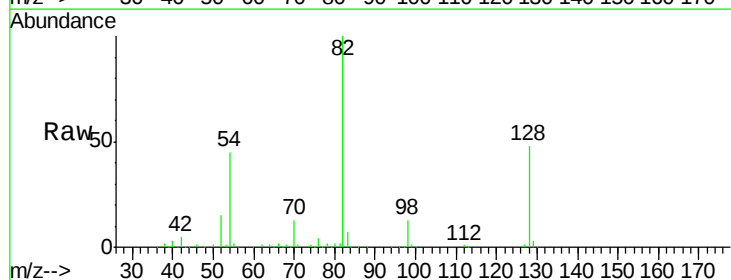


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

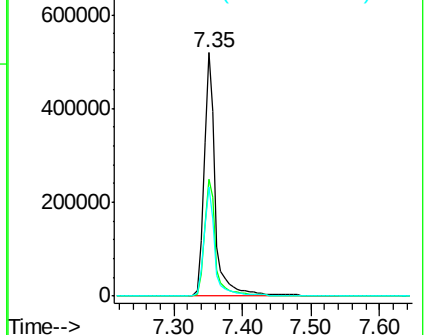
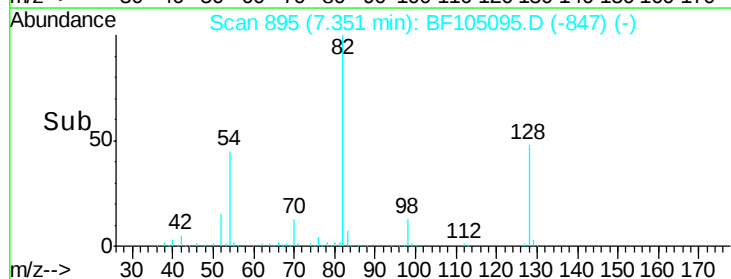


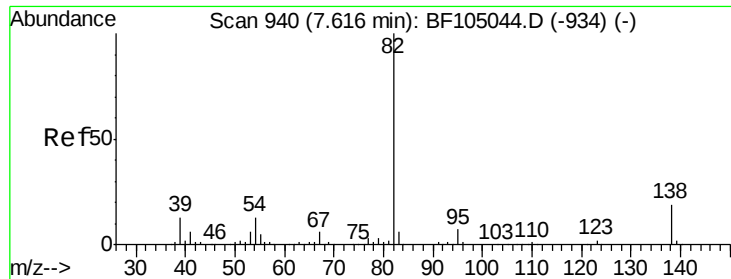
#23
Nitrobenzene-d5
Concen: 91.27 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF105095.D
Acq: 4 May 2018 1:27

Tgt Ion: 82	Resp:	609823
Ion Ratio	Lower	Upper
82	100	
128	48.2	36.1 54.1
54	44.9	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: 43.16 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.27 min

Lab File: BF105095.D

Acq: 4 May 2018 1:27

Instrument :

BNA_F

ClientSampleId :

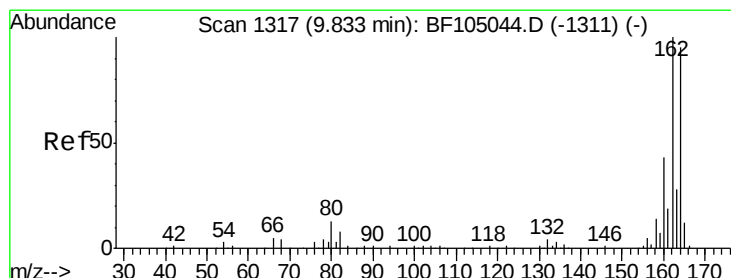
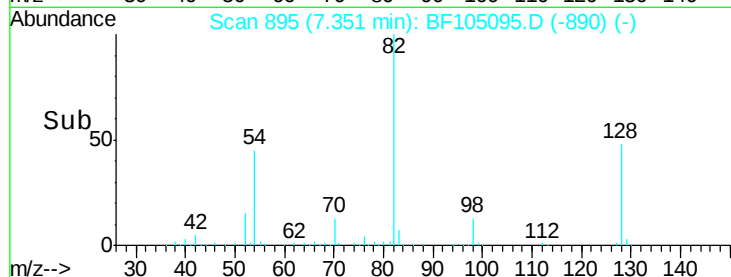
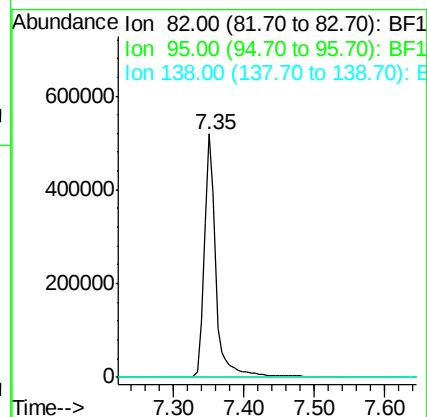
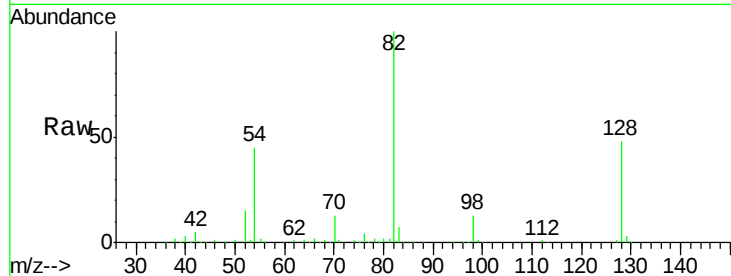
Tot Ion: 82 Resp: 609820

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF105095.D

Acq: 4 May 2018 1:27

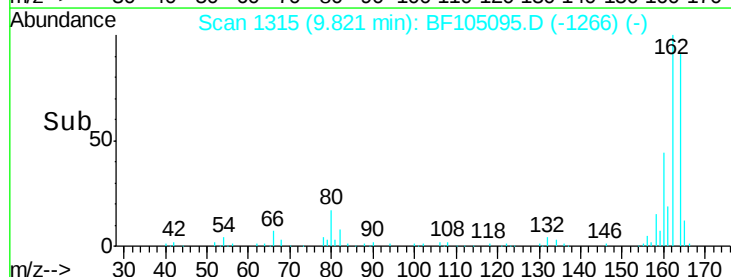
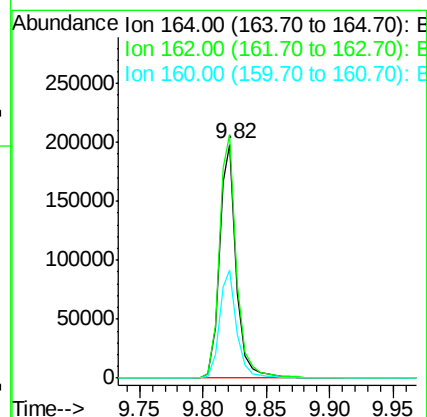
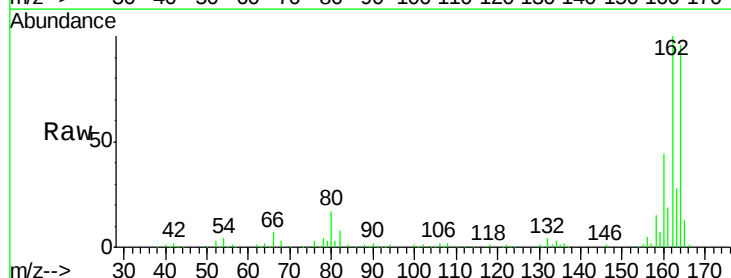
Tgt Ion:164 Resp: 185683

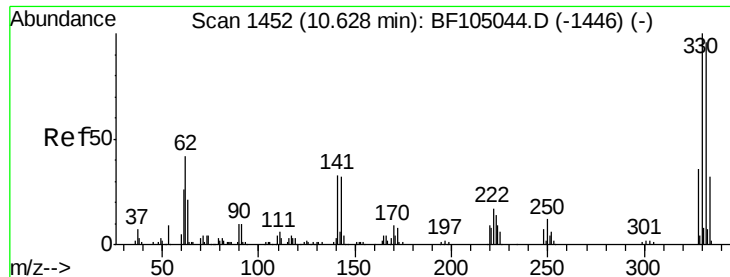
Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

160 46.1 38.3 57.5

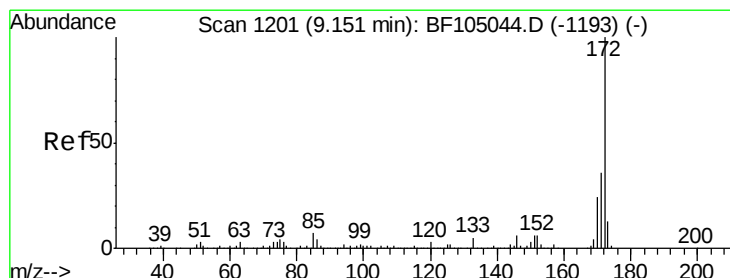
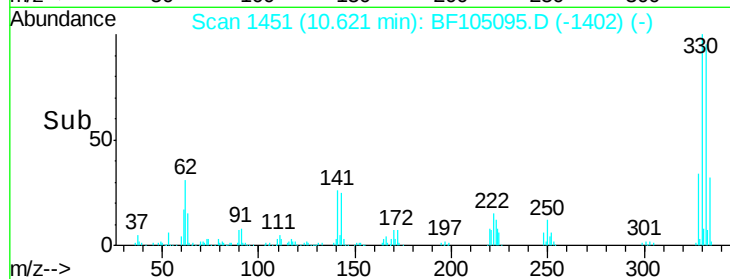
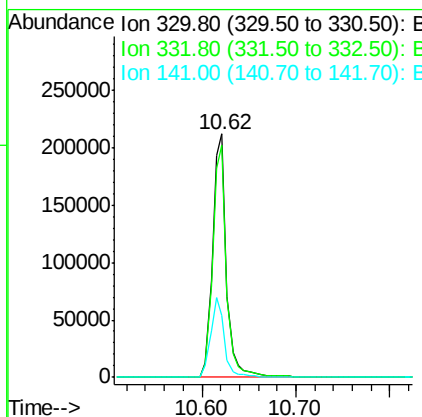
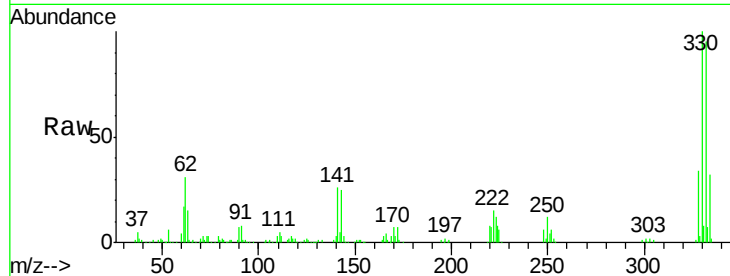




#41
 2,4,6-Tribromophenol
 Concen: 116.48 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105095.D
 Acq: 4 May 2018 1:27

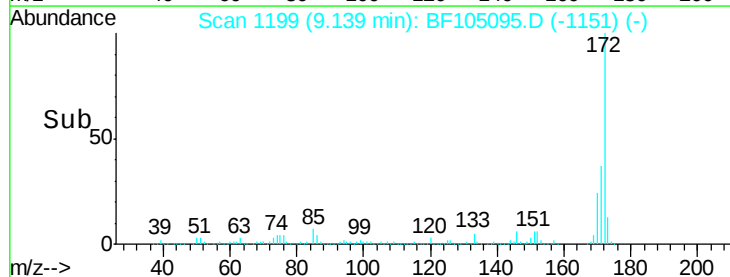
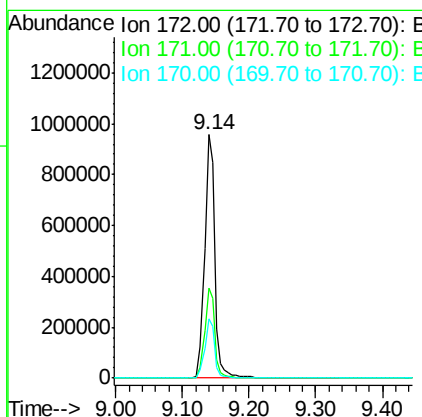
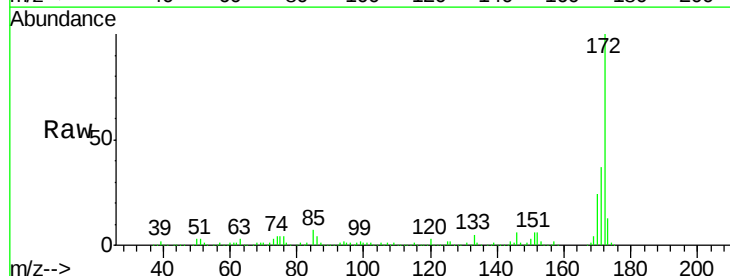
Instrument :
 BNA_F
 ClientSampled :

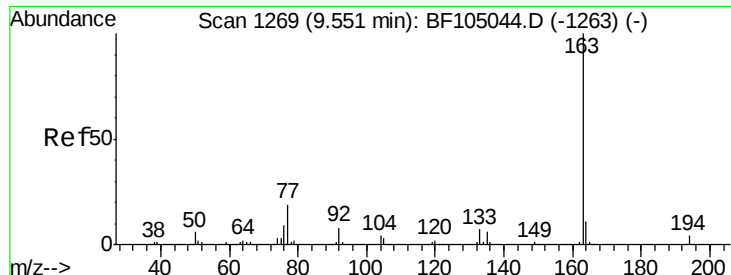
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	32.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 84.83 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF105095.D
 Acq: 4 May 2018 1:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.3	19.6	29.4

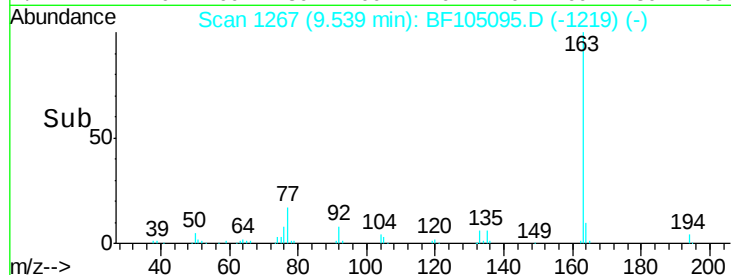
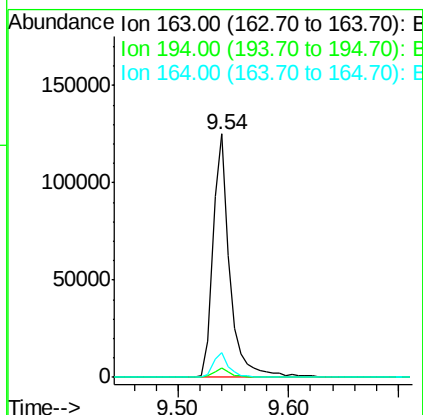
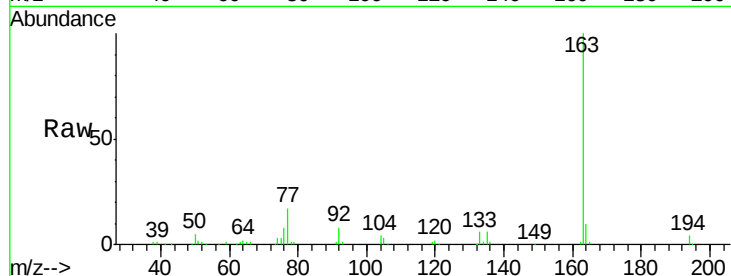




#49
Dimethylphthalate
Concen: 8.84 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF105095.D
Acq: 4 May 2018 1:27

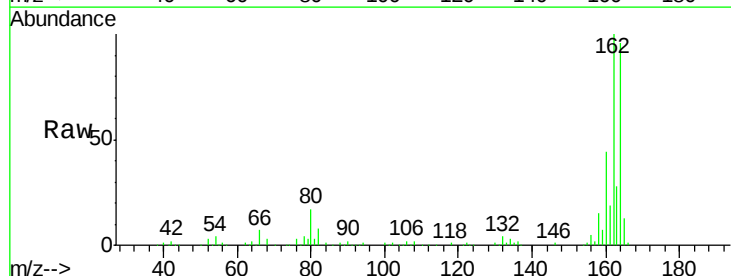
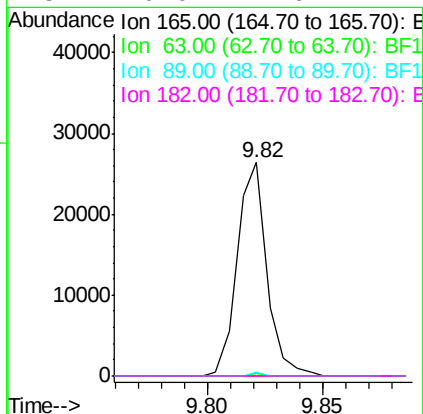
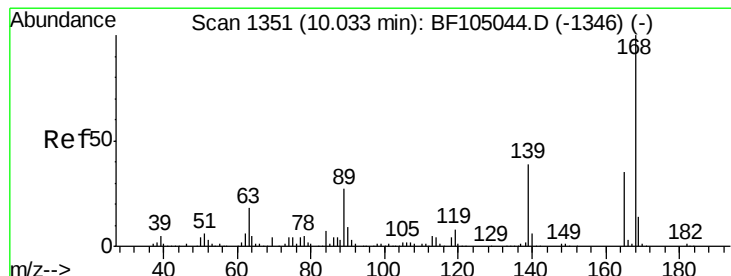
Instrument :
BNA_F
ClientSampleId :

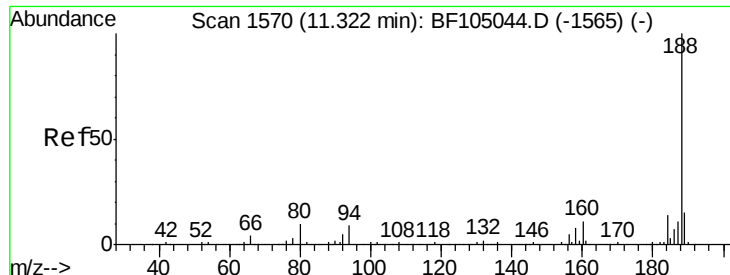
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.2	8.2	12.2



#56
2,4-Dinitrotoluene
Concen: 6.66 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF105095.D
Acq: 4 May 2018 1:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

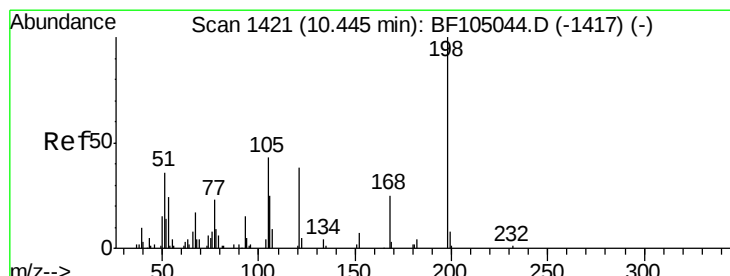
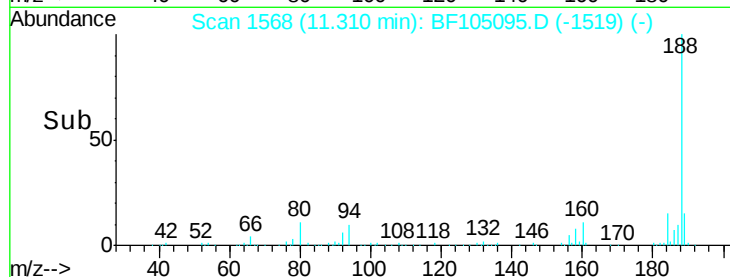
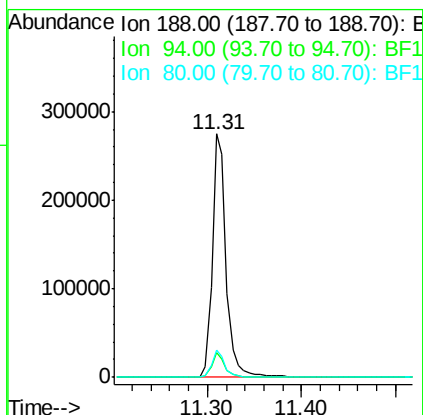
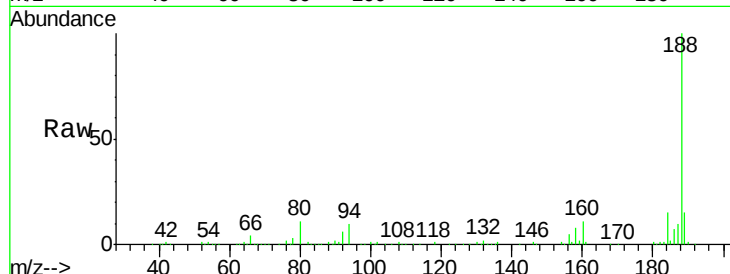




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF105095.D
 Acq: 4 May 2018 1:27

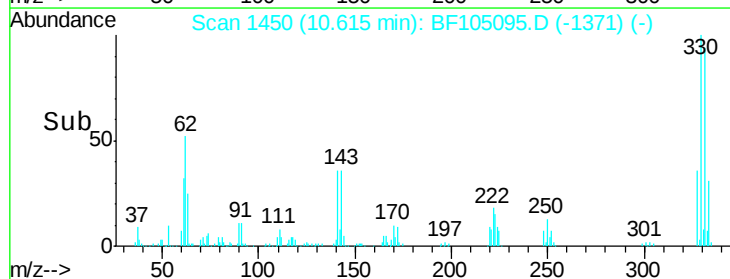
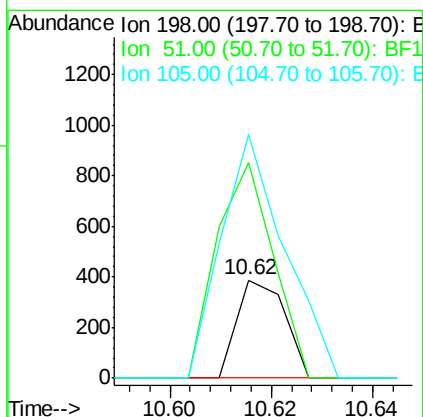
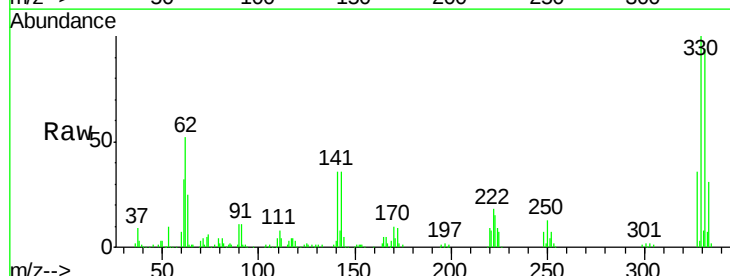
Instrument :
 BNA_F
 ClientSampleId :

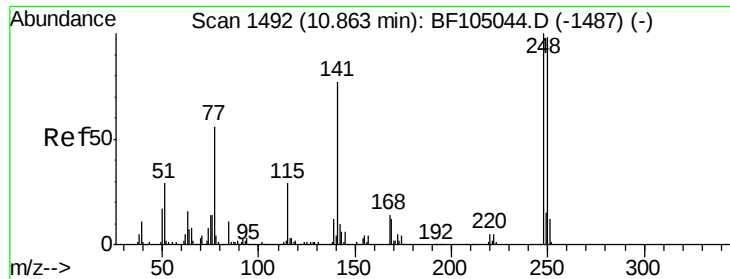
Tot Ion:188 Resp: 287531
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.5 12.7
 80 11.0 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.50 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.16 min
 Lab File: BF105095.D
 Acq: 4 May 2018 1:27

Tgt Ion:198 Resp: 254
 Ion Ratio Lower Upper
 198 100
 51 219.6 37.7 77.7#
 105 248.8 36.3 76.3#

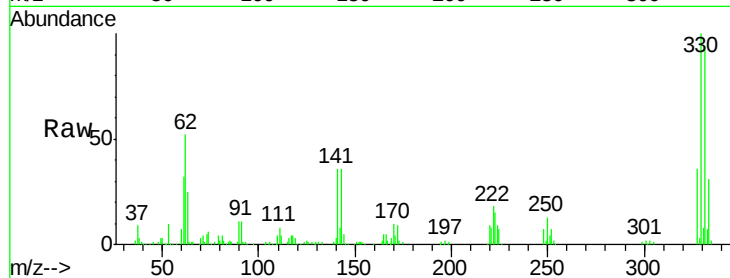




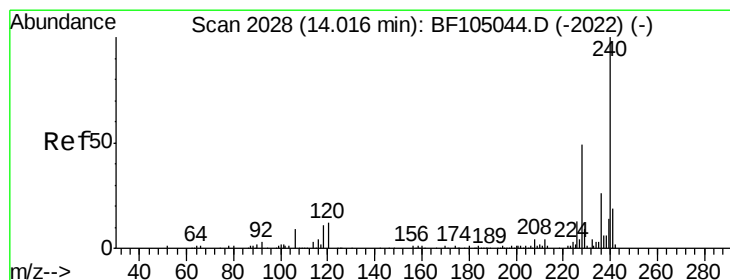
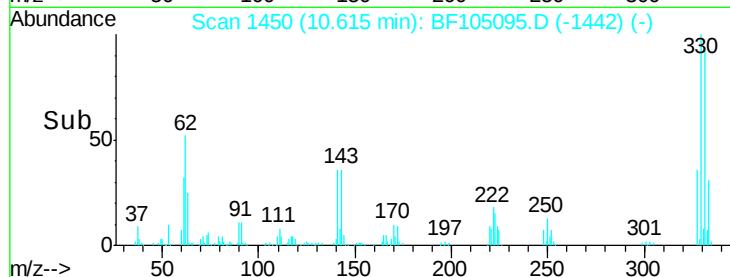
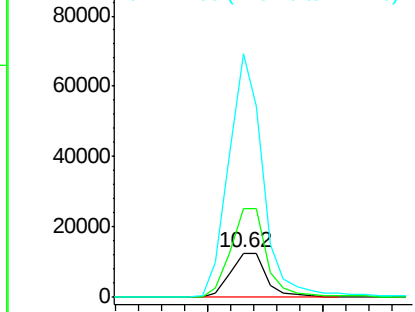
#66
4-Bromophenyl-phenylether
Concen: 4.47 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF105095.D
Acq: 4 May 2018 1:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13667
Ion Ratio Lower Upper
248 100
250 198.4 76.9 115.3#
141 548.0 74.4 111.6#

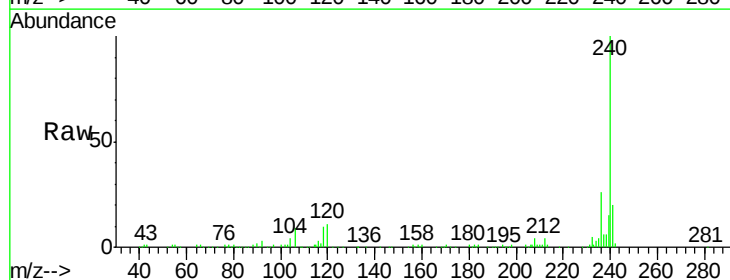


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

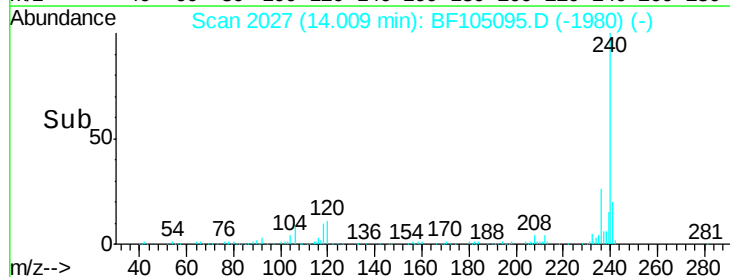
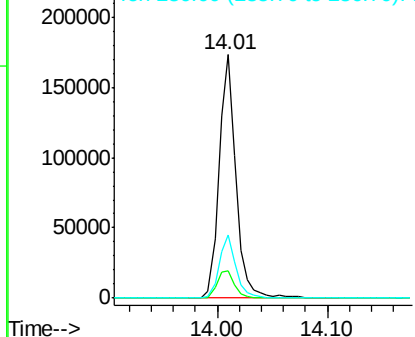


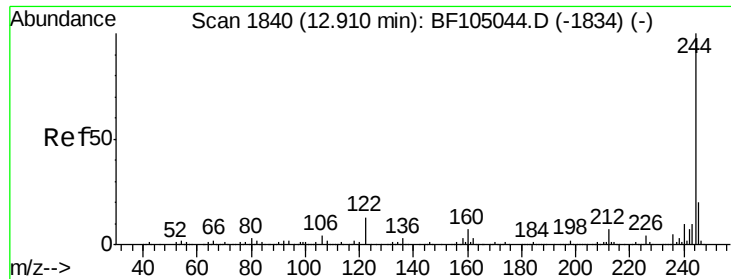
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF105095.D
Acq: 4 May 2018 1:27

Tgt Ion:240 Resp: 183440
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 25.7 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

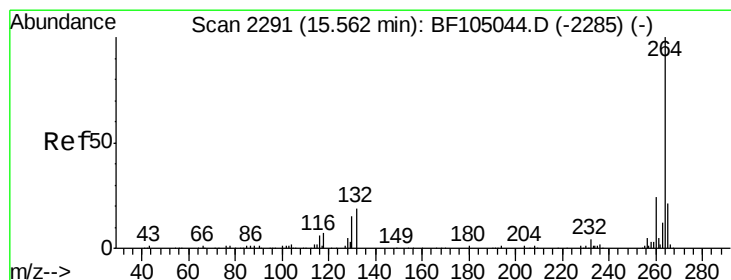
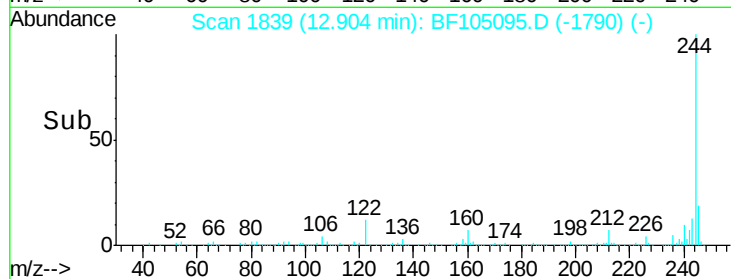
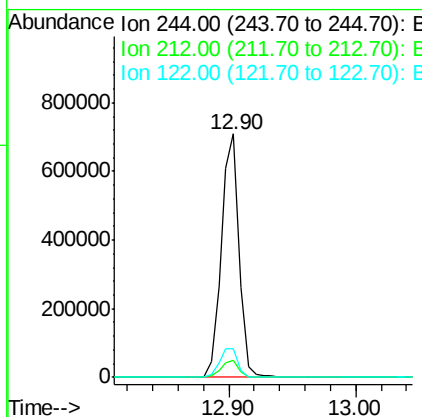
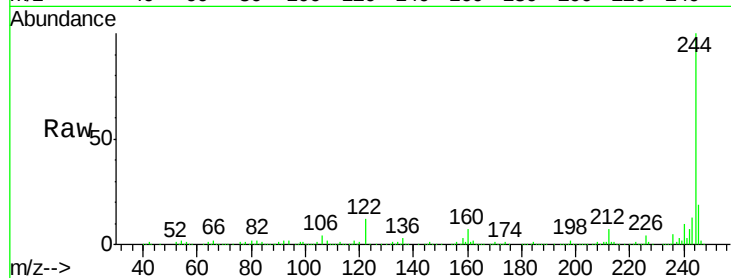




#78
 Terphenyl-d14
 Concen: 85.98 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF105095.D
 Acq: 4 May 2018 1:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 691782
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.02 min
 Lab File: BF105095.D
 Acq: 4 May 2018 1:27

Tgt Ion:264 Resp: 142594
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.6 17.5 26.3

