

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102905.D
 Acq On : 9 Feb 2018 23:36
 Operator : SJ/JU
 Sample : J1510-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 10 00:51:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	153379	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	611920	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	245159	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	362969	20.00	ng	0.00
75) Chrysene-d12	14.05	240	313534	20.00	ng	0.00
86) Perylene-d12	15.54	264	289707	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	1257514	124.51	ng	0.02
7) Phenol-d6	6.51	99	1494848	122.93	ng	0.00
23) Nitrobenzene-d5	7.45	82	996395	112.96	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	218909	110.94	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1482138	100.32	ng	0.00
78) Terphenyl-d14	13.00	244	1114835	84.19	ng	0.00

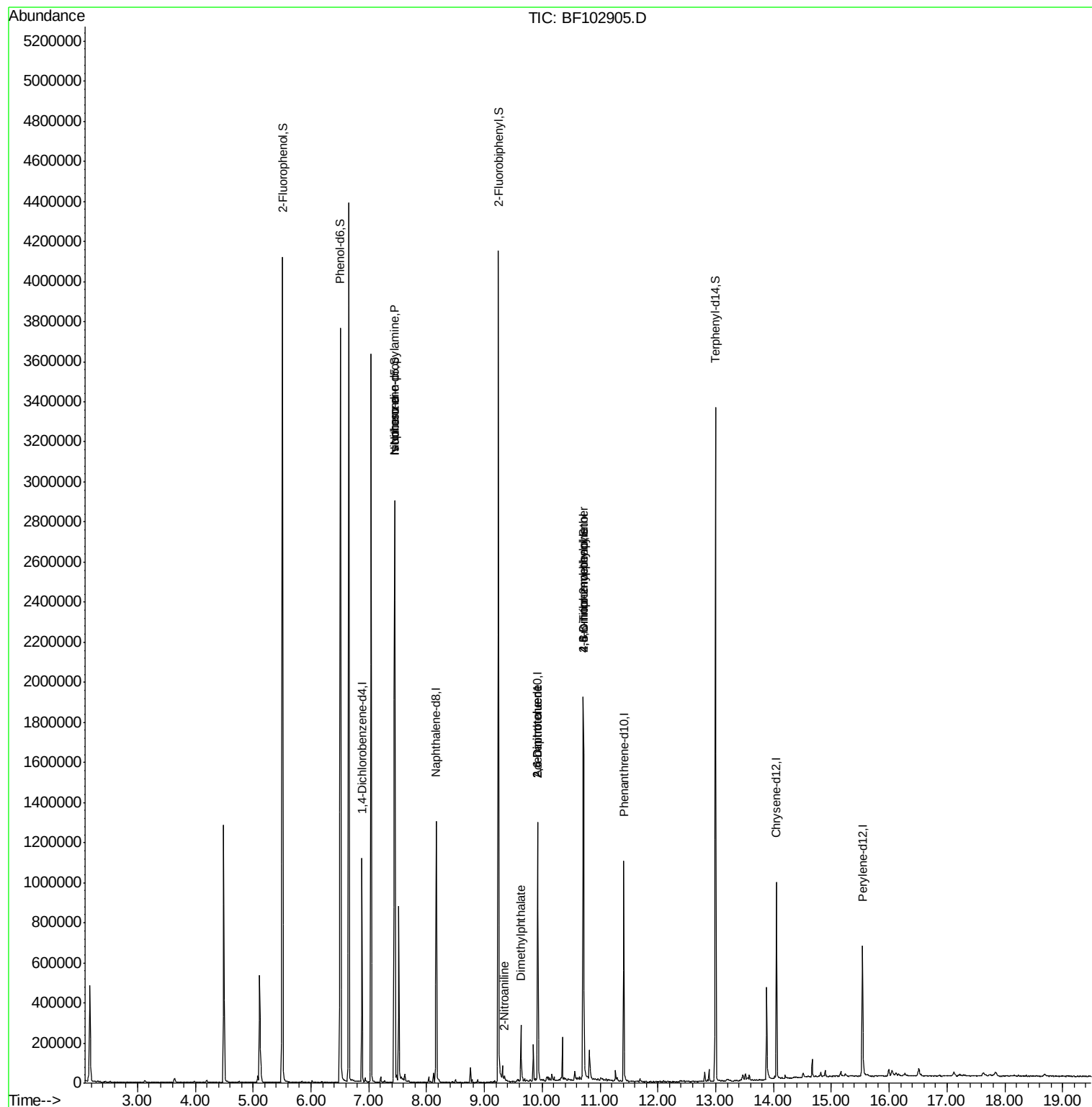
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	135794	16.94	ng	# 84
24) Nitrobenzene	7.48	77	117	Below Cal		# 38
25) Isophorone	7.45	82	996385	49.05	ng	# 64
47) 2-Nitroaniline	9.34	65	234	3.52	ng	# 2
49) Dimethylphthalate	9.63	163	105546	5.52	ng	99
50) 2,6-Dinitrotoluene	9.92	165	30891	8.49	ng	# 26
56) 2,4-Dinitrotoluene	9.92	165	30891	9.00	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	354	9.01	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	15069	3.92	ng	# 1

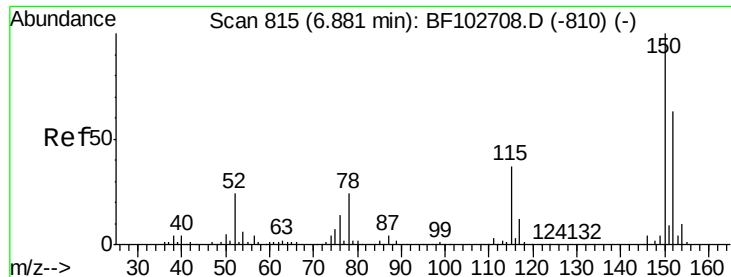
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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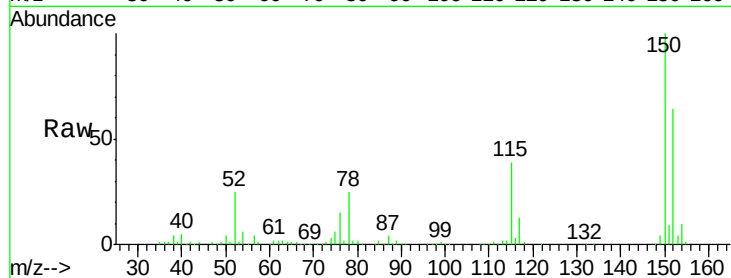


#1

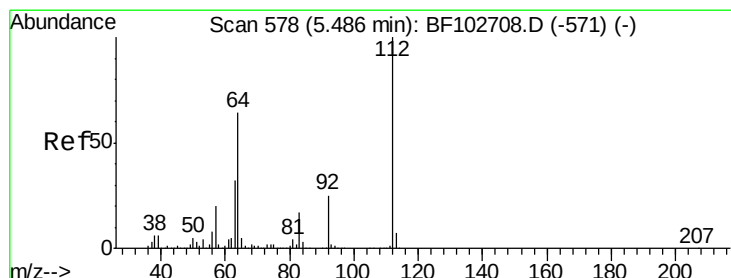
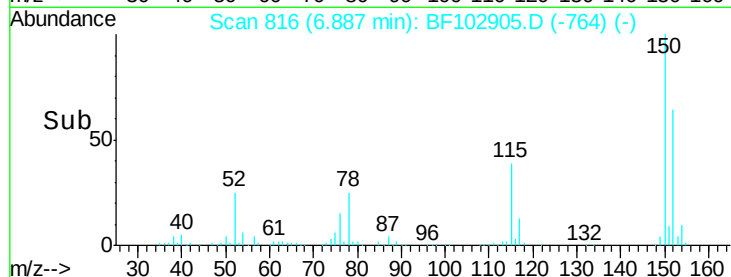
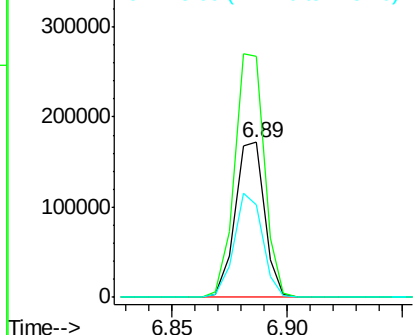
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102905.D
Acq: 9 Feb 2018 23:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 153379
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 60.2 50.1 75.1



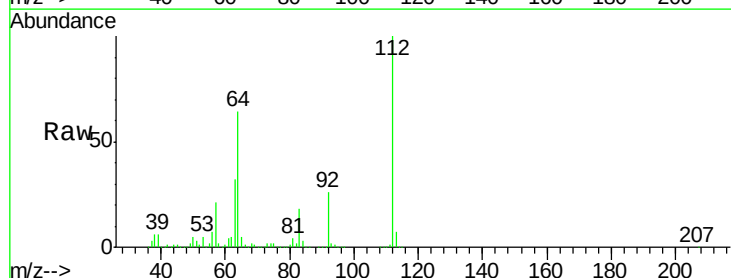
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



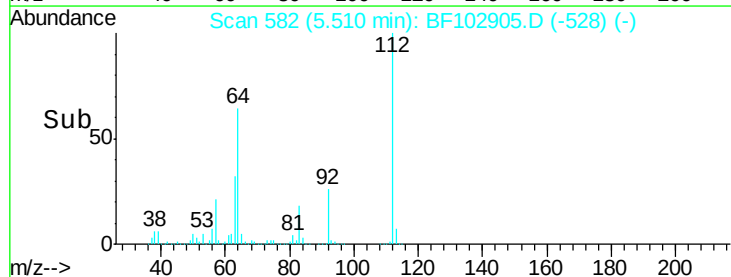
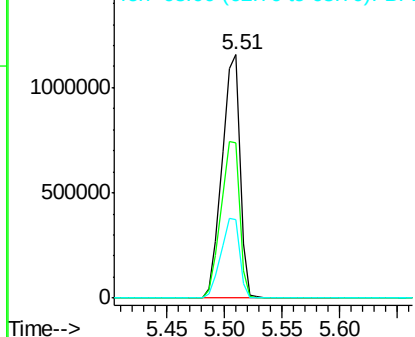
#5

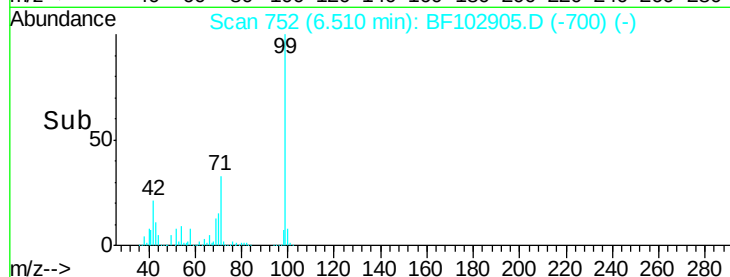
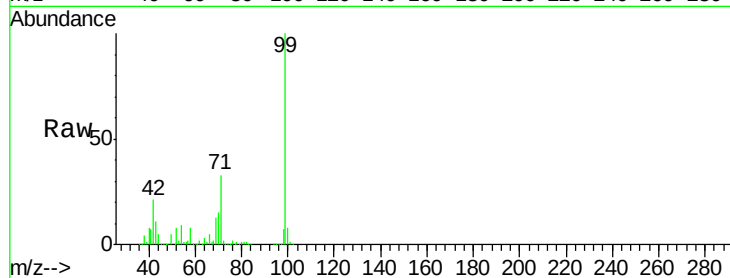
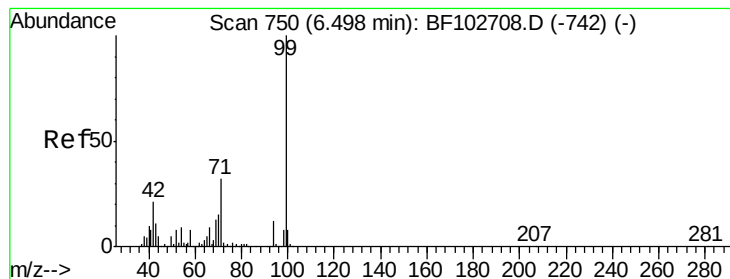
2-Fluorophenol
Concen: 124.51 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102905.D
Acq: 9 Feb 2018 23:36

Tgt Ion:112 Resp: 1257514
Ion Ratio Lower Upper
112 100
64 63.6 47.9 71.9
63 32.4 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: 122.93 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102905.D

Acq: 9 Feb 2018 23:36

Instrument :

BNA_F

ClientSampleId :

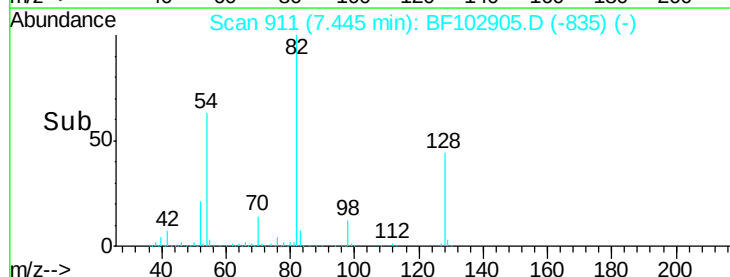
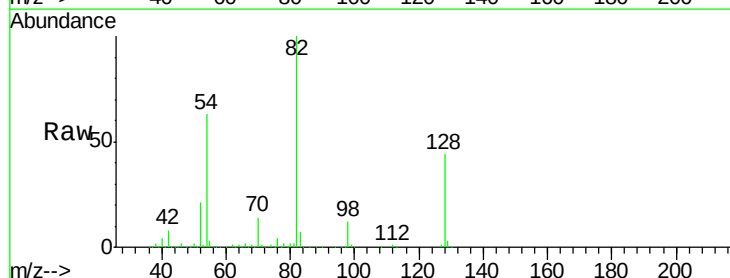
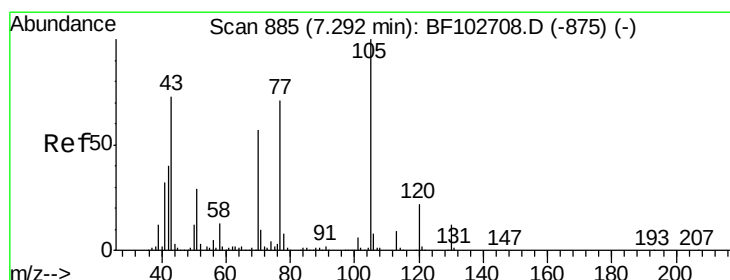
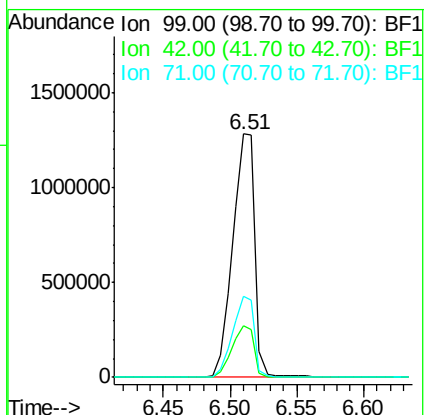
Tot Ion: 99 Resp: 1494848

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

71 33.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.94 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF102905.D

Acq: 9 Feb 2018 23:36

Tgt Ion: 70 Resp: 135794

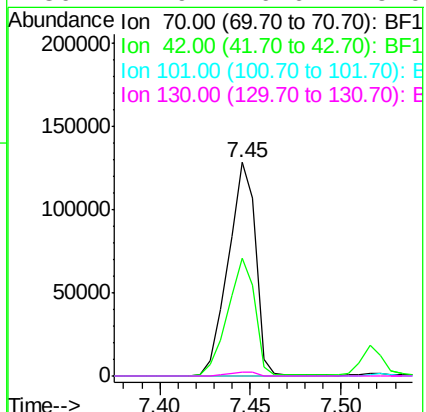
Ion Ratio Lower Upper

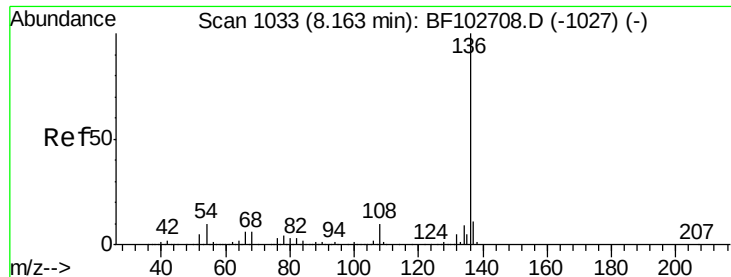
70 100

42 55.2 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

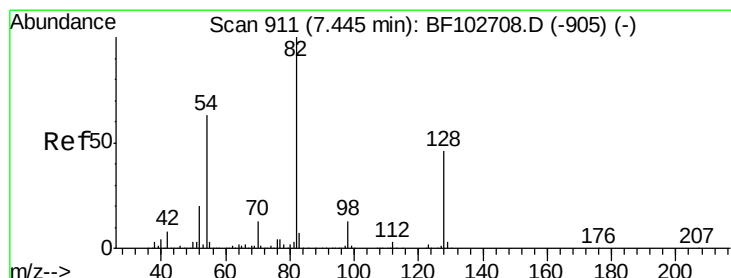
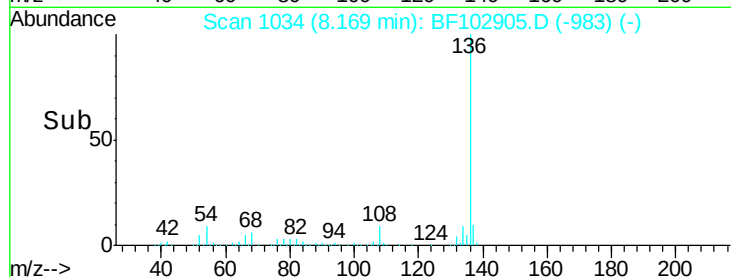
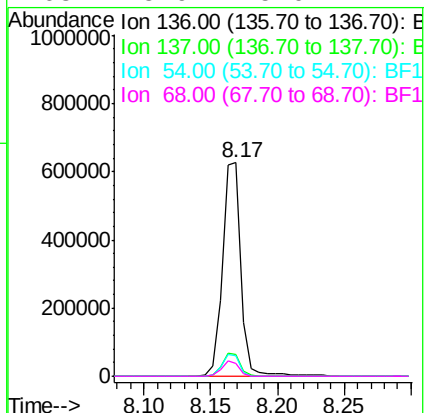
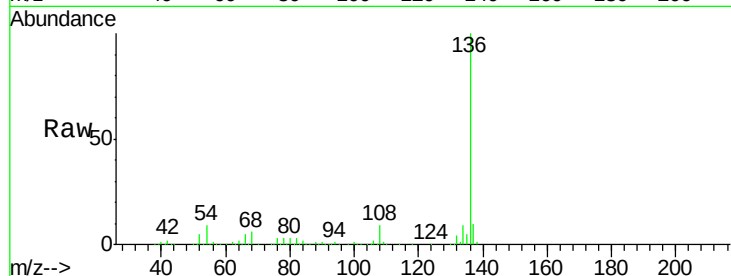




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF102905.D
Acq: 9 Feb 2018 23:36

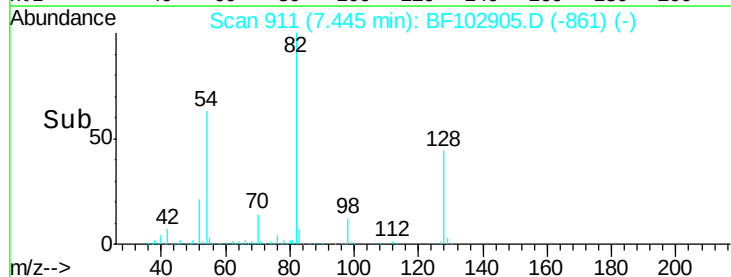
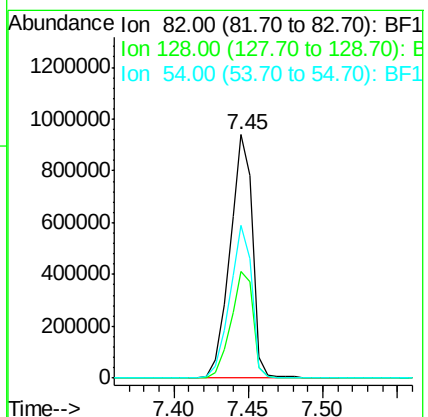
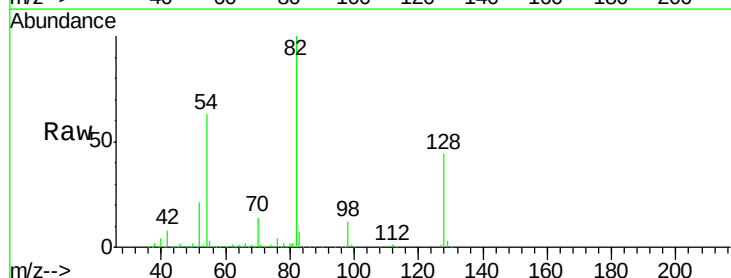
Instrument :
BNA_F
ClientSampled :

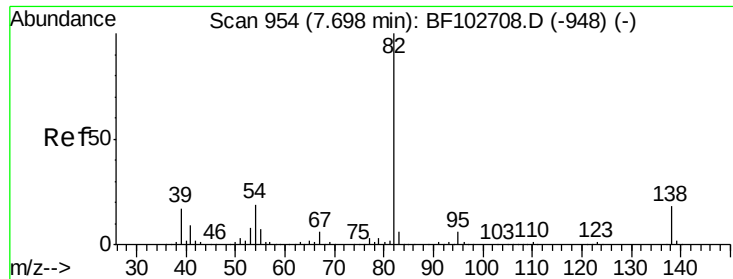
Tot Ion:136	Resp:	611920
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.9 13.3
54	9.4	6.6 9.8
68	5.9	5.0 7.4



#23
Nitrobenzene-d5
Concen: 112.96 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102905.D
Acq: 9 Feb 2018 23:36

Tgt Ion: 82	Resp:	996395
Ion Ratio	Lower	Upper
82	100	
128	44.0	36.1 54.1
54	62.9	41.4 62.2#





#25

Isophorone

Concen: 49.05 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF102905.D

Acq: 9 Feb 2018 23:36

Instrument :

BNA_F

ClientSampled :

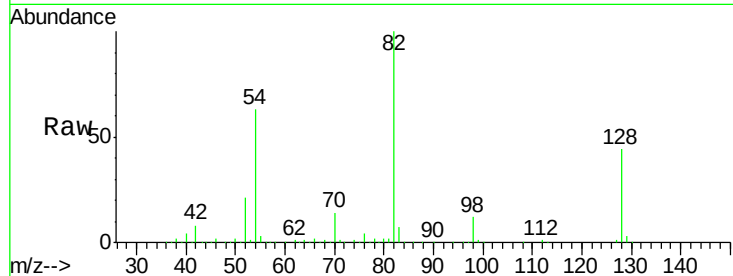
Tot Ion: 82 Resp: 996385

Ion Ratio Lower Upper

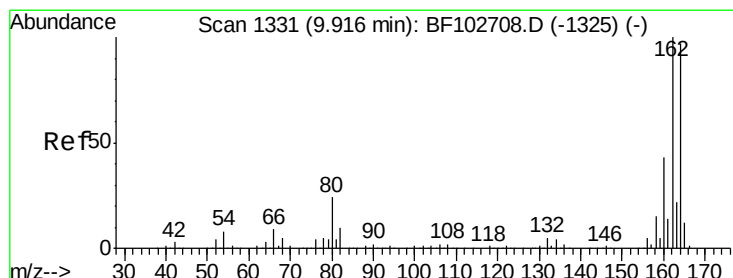
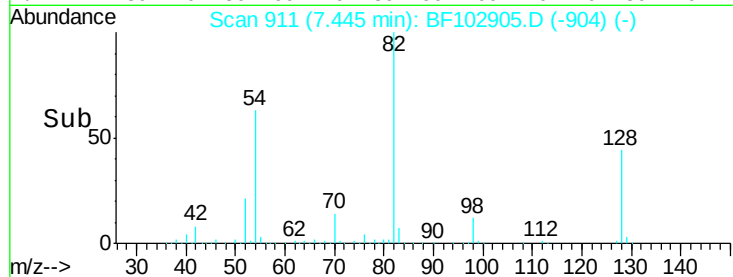
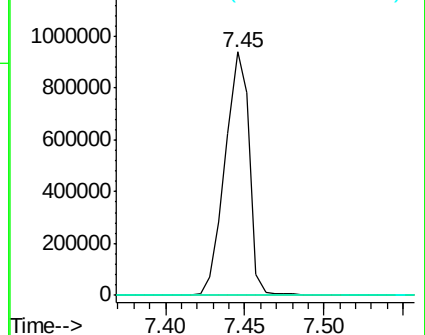
82 100

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: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF102905.D

Acq: 9 Feb 2018 23:36

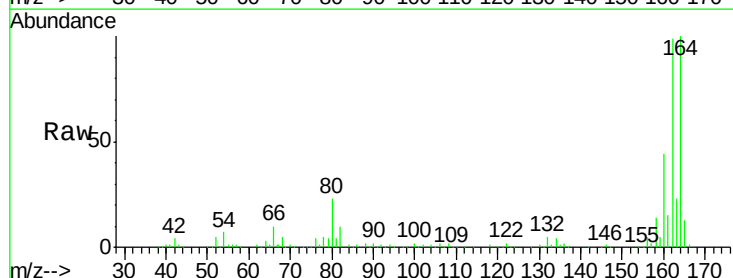
Tgt Ion: 164 Resp: 245159

Ion Ratio Lower Upper

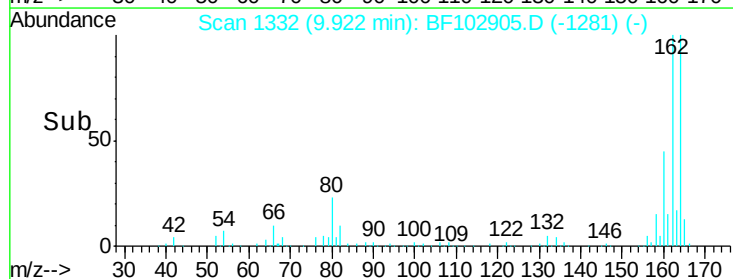
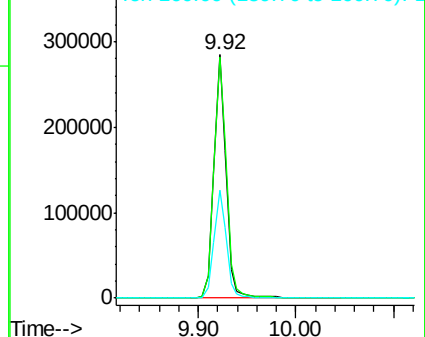
164 100

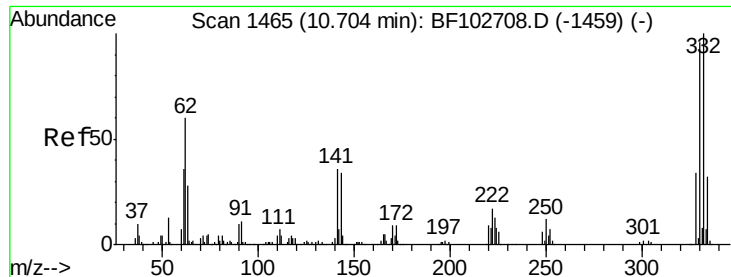
162 99.2 86.1 129.1

160 44.5 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

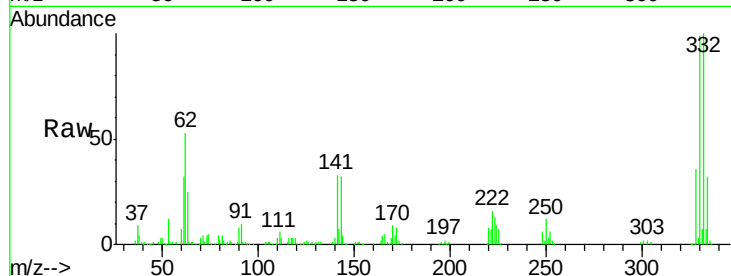




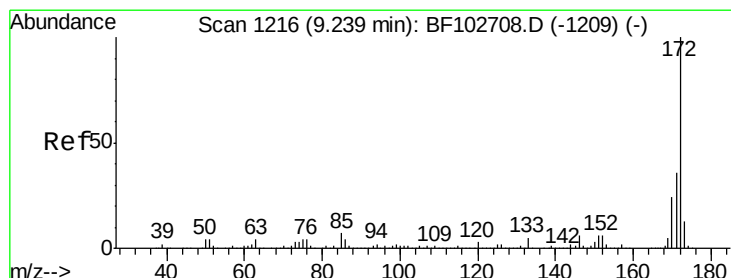
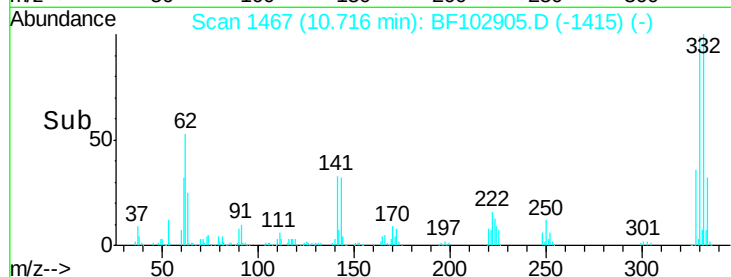
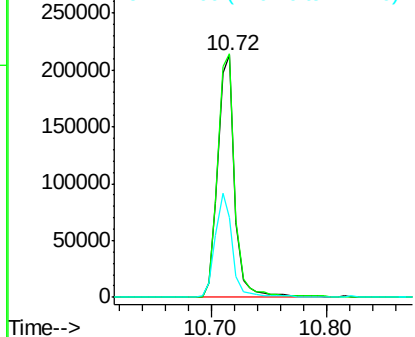
#41
 2,4,6-Tribromophenol
 Concen: 110.94 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102905.D
 Acq: 9 Feb 2018 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.8	77.0	115.6
141	42.9	29.9	44.9

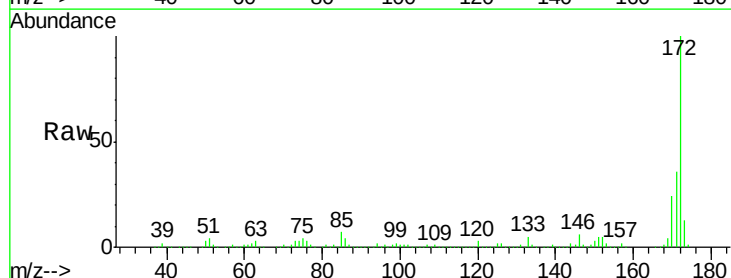


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

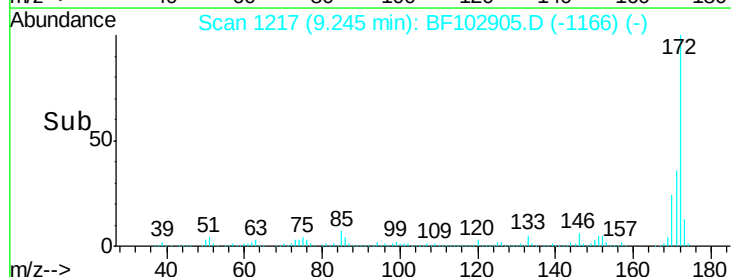
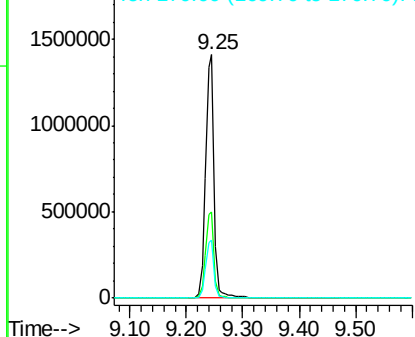


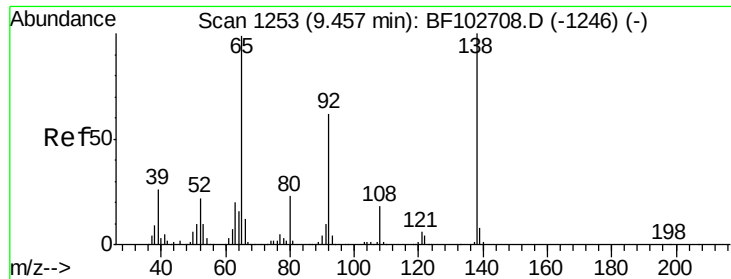
#44
 2-Fluorobiphenyl
 Concen: 100.32 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF102905.D
 Acq: 9 Feb 2018 23:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.9	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





#47

2-Nitroaniline

Concen: 3.52 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.12 min

Lab File: BF102905.D

Acq: 9 Feb 2018 23:36

Instrument :

BNA_F

ClientSampleId :

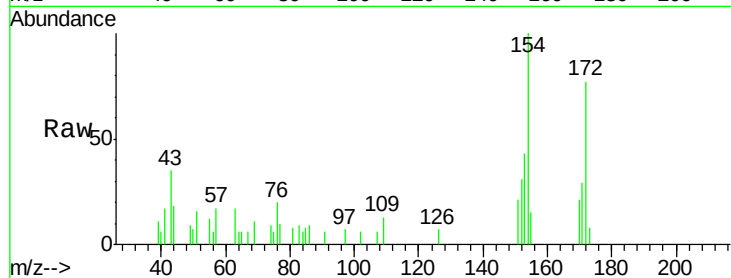
Tot Ion: 65 Resp: 234

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

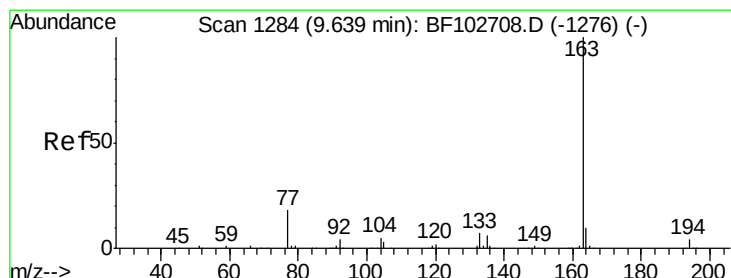
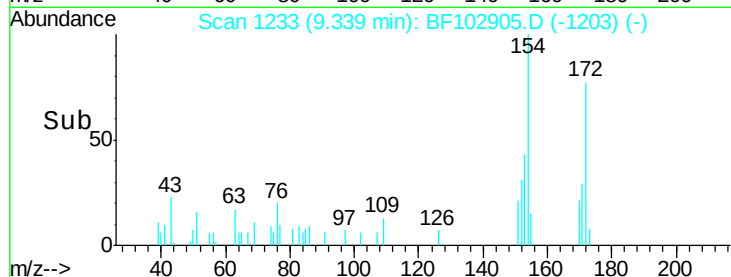
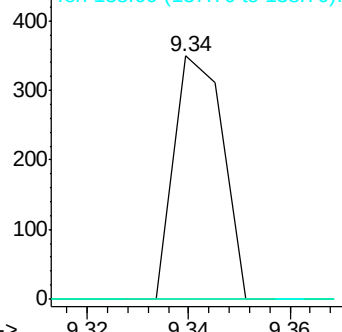
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#49

Dimethylphthalate

Concen: 5.52 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF102905.D

Acq: 9 Feb 2018 23:36

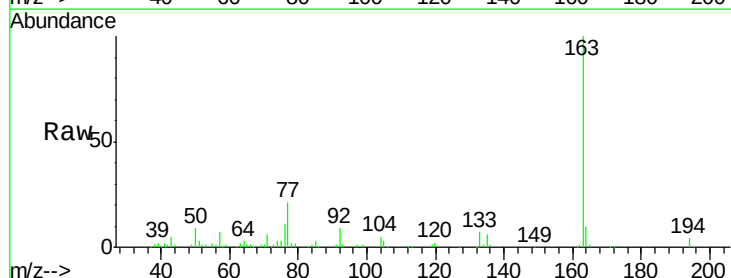
Tgt Ion: 163 Resp: 105546

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

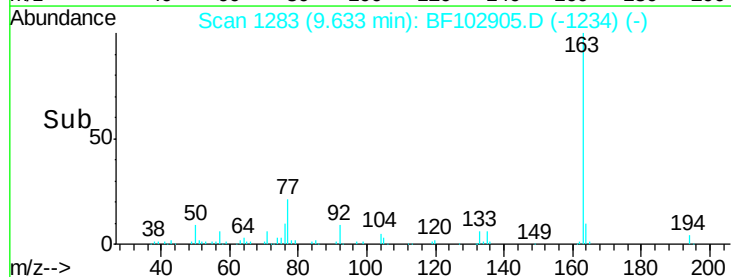
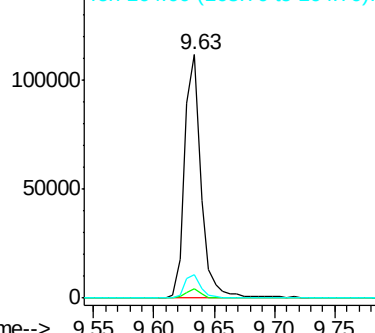
164 9.8 8.2 12.2

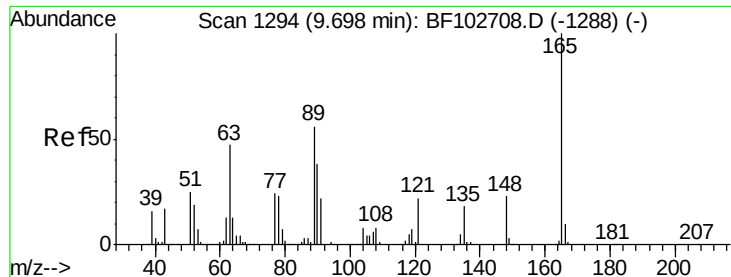


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

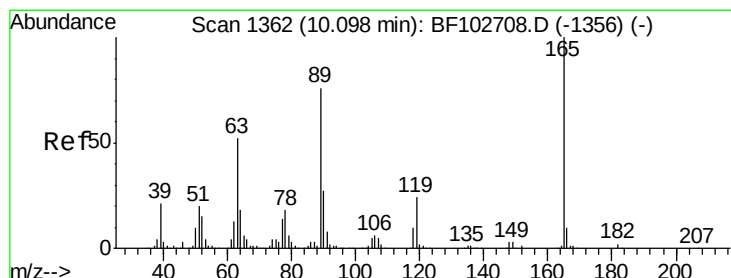
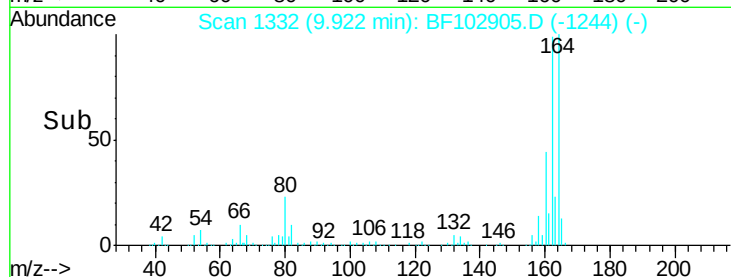
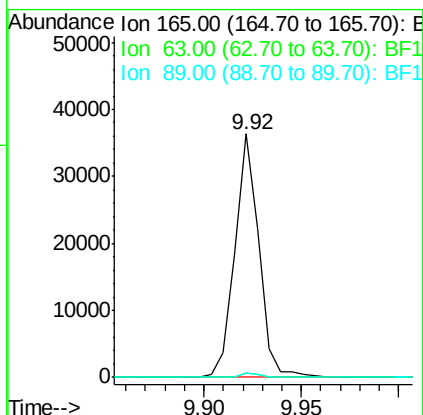
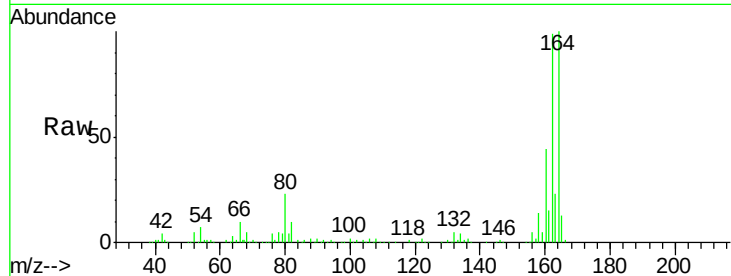




#50
 2,6-Dinitrotoluene
 Concen: 8.49 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.22 min
 Lab File: BF102905.D
 Acq: 9 Feb 2018 23:36

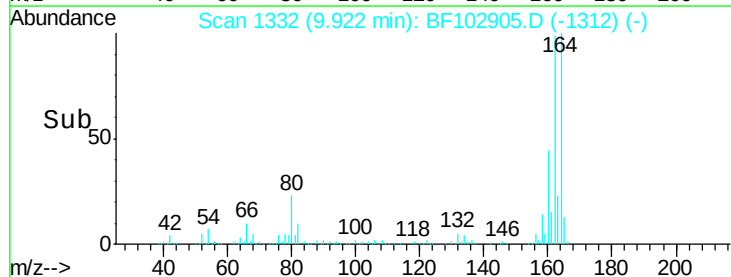
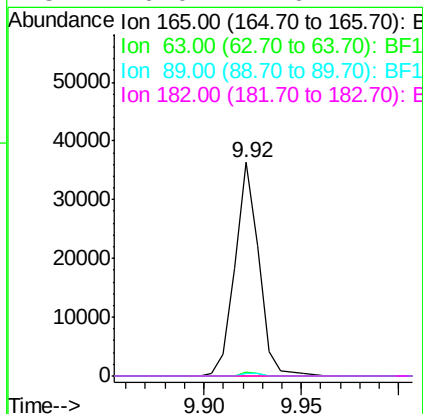
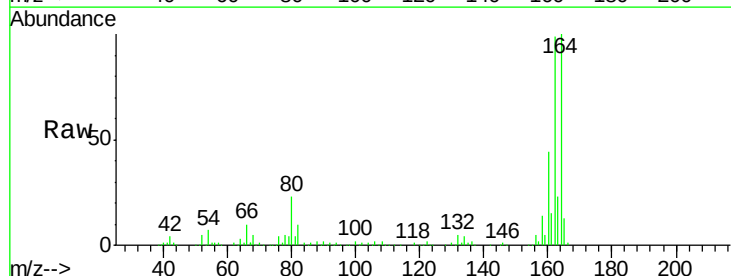
Instrument :
 BNA_F
 ClientSampleId :

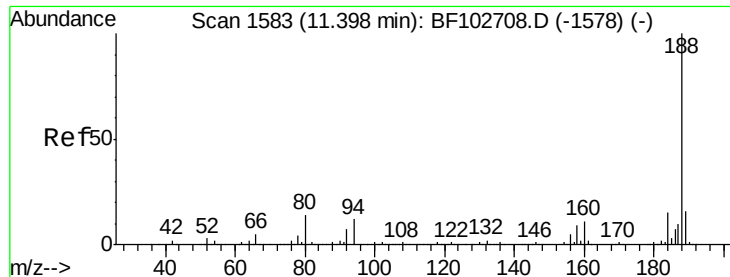
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 9.00 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.18 min
 Lab File: BF102905.D
 Acq: 9 Feb 2018 23:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

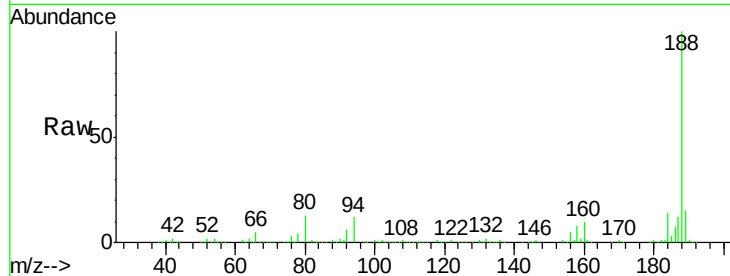




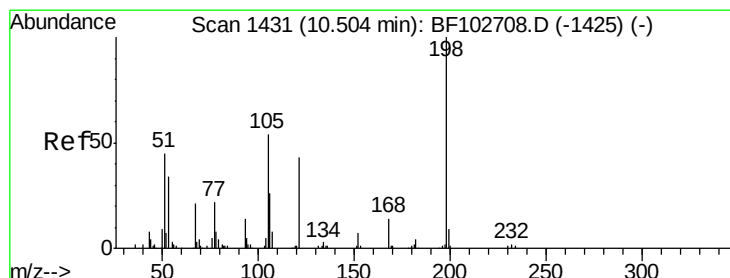
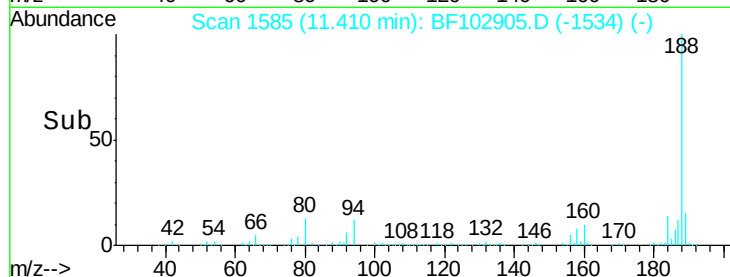
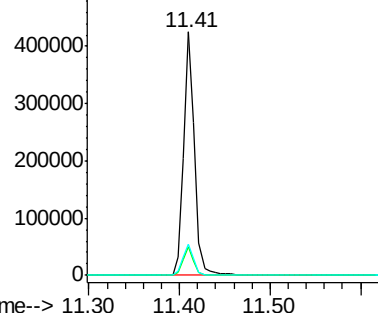
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF102905.D
Acq: 9 Feb 2018 23:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 362969
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.9 9.2 13.8

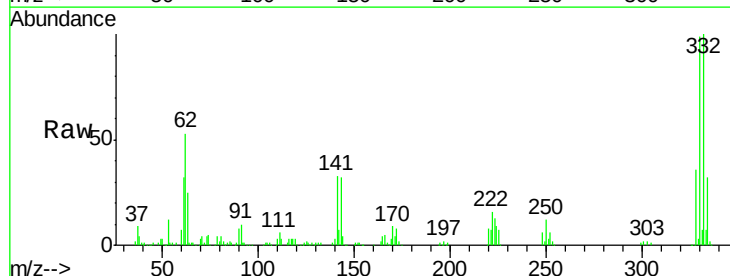


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

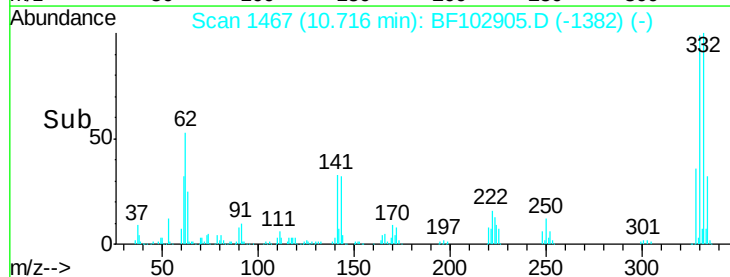
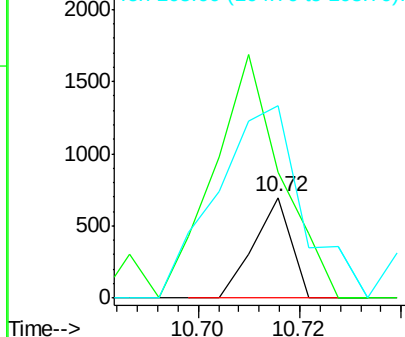


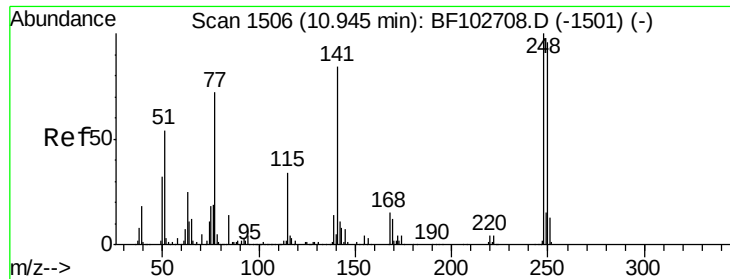
#64
4,6-Dinitro-2-methylphenol
Concen: 9.01 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.20 min
Lab File: BF102905.D
Acq: 9 Feb 2018 23:36

Tgt Ion:198 Resp: 354
Ion Ratio Lower Upper
198 100
51 125.6 37.7 77.7#
105 191.2 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

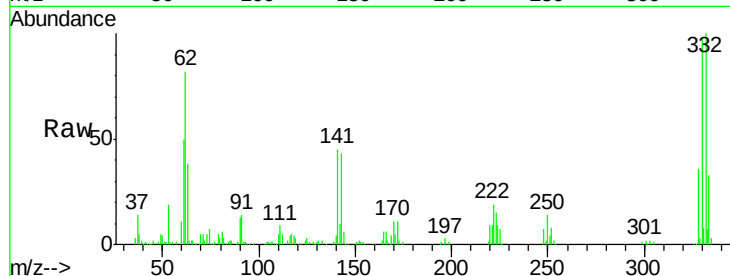




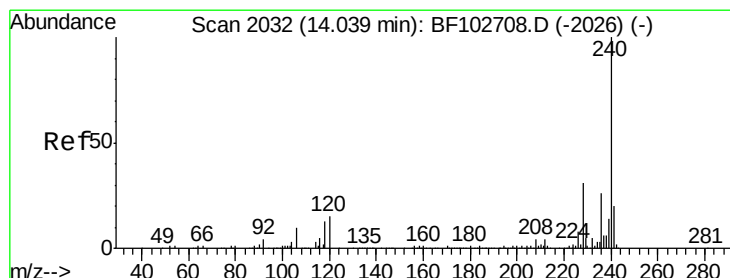
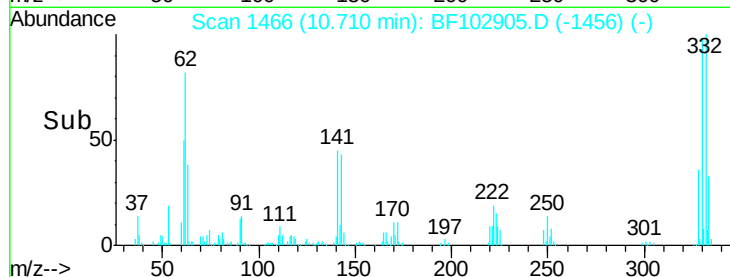
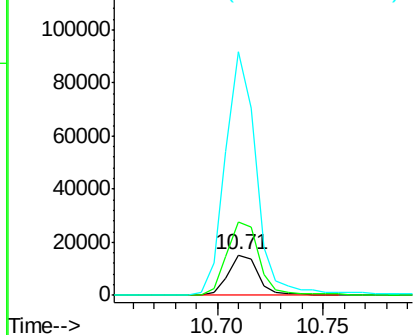
#66
 4-Bromophenyl-phenylether
 Concen: 3.92 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.24 min
 Lab File: BF102905.D
 Acq: 9 Feb 2018 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 15069
 Ion Ratio Lower Upper
 248 100
 250 182.1 76.9 115.3#
 141 607.1 74.4 111.6#

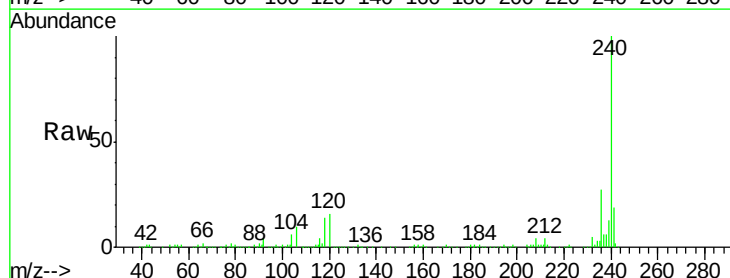


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

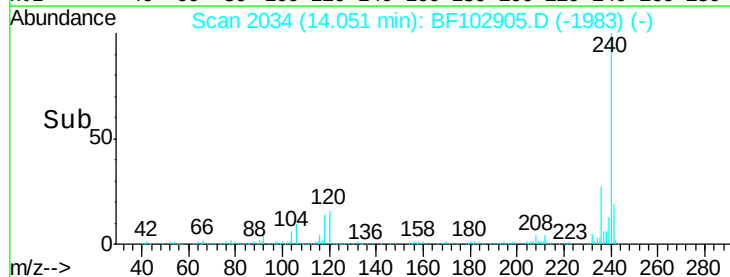
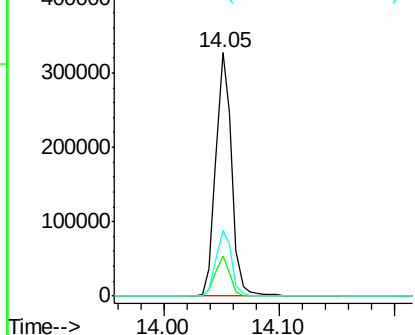


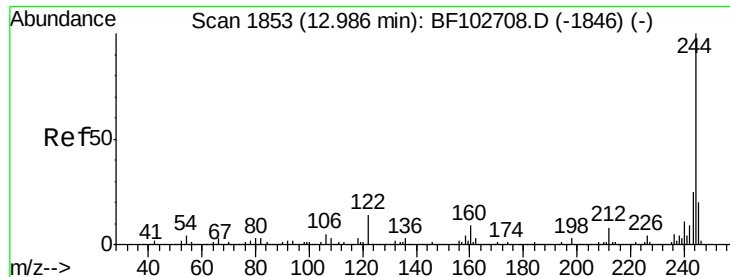
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF102905.D
 Acq: 9 Feb 2018 23:36

Tgt Ion:240 Resp: 313534
 Ion Ratio Lower Upper
 240 100
 120 16.4 9.5 14.3#
 236 27.2 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: 84.19 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF102905.D

Acq: 9 Feb 2018 23:36

Instrument :

BNA_F

ClientSampleId :

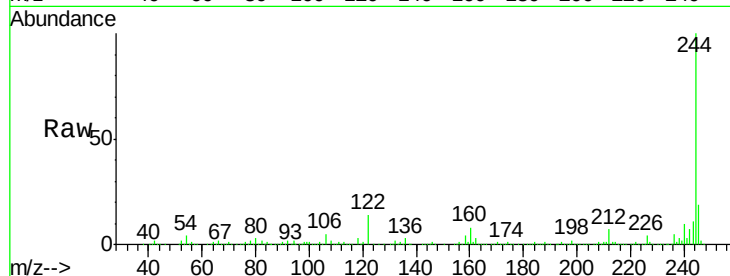
Tot Ion:244 Resp: 1114835

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

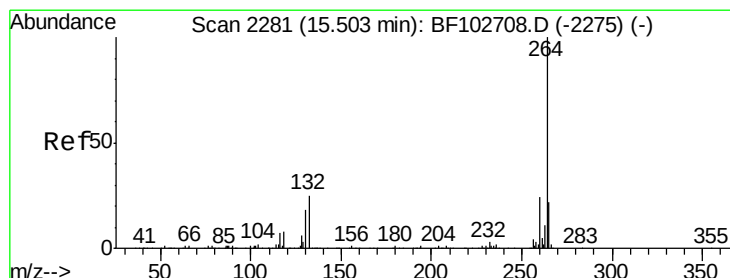
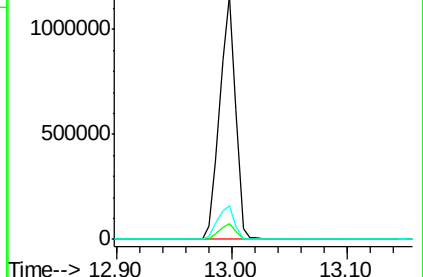
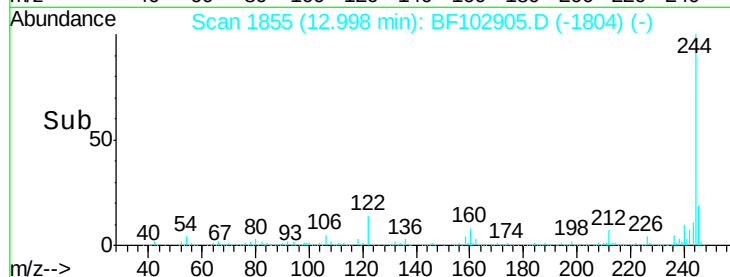
122 14.0 11.0 16.4



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF102905.D

Acq: 9 Feb 2018 23:36

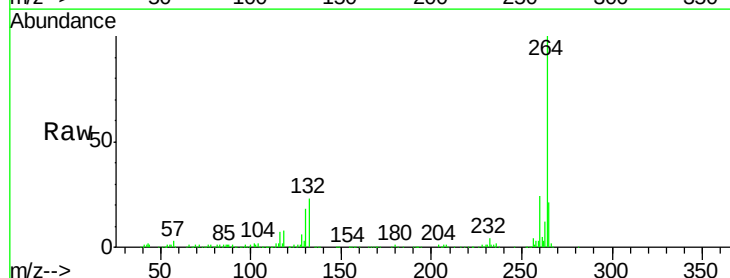
Tgt Ion:264 Resp: 289707

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.1 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

