

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF105014.D
 Acq On : 2 May 2018 6:27
 Operator : JU/SJ
 Sample : J2645-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: May 02 08:12:30 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

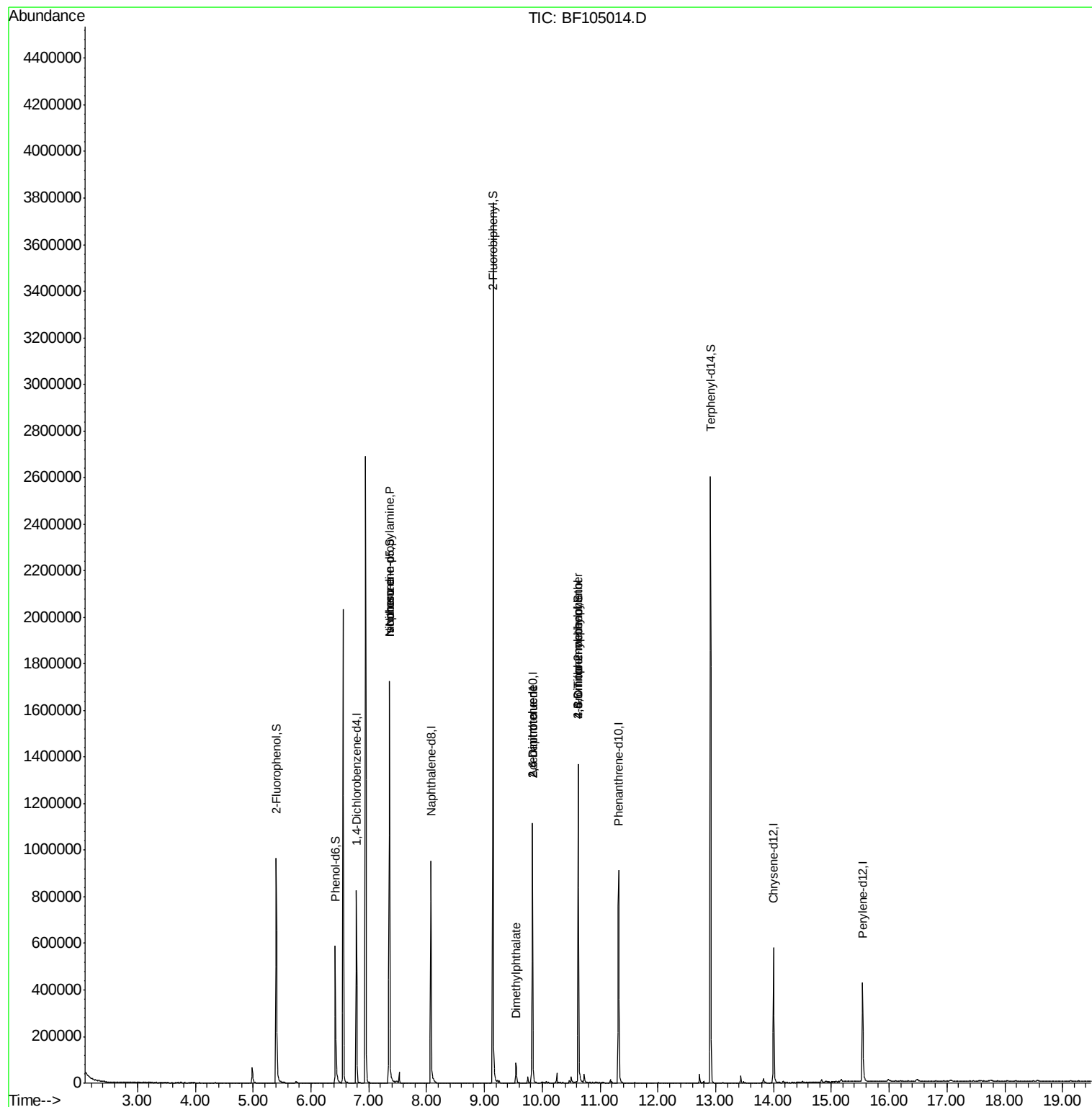
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	117448	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	495458	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	221986	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	359660	20.00	ng	0.00
75) Chrysene-d12	14.00	240	237117	20.00	ng	0.03
86) Perylene-d12	15.54	264	218141	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	309989	40.36	ng	0.00
7) Phenol-d6	6.42	99	236596	25.07	ng	-0.01
23) Nitrobenzene-d5	7.36	82	704657	92.87	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	180682	78.46	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1219036	86.75	ng	0.00
78) Terphenyl-d14	12.91	244	963813	92.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	91353	14.813	ng	# 73
25) Isophorone	7.36	82	704652	43.917	ng	# 64
49) Dimethylphthalate	9.55	163	43706	2.497	ng	# 99
50) 2,6-Dinitrotoluene	9.83	165	28708	8.863	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	28708	6.757	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.62	198	272	7.479	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	10333	2.701	ng	# 1
76) Benzidine	12.91	184	12151	Below Cal		# 94

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

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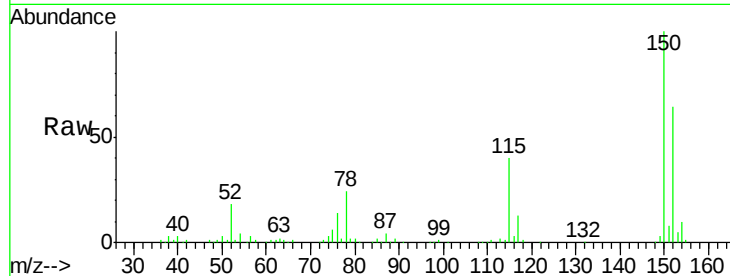


#1

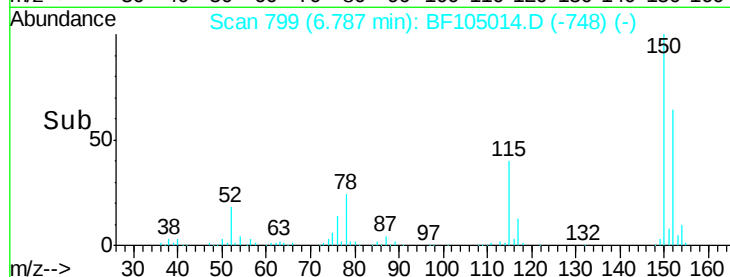
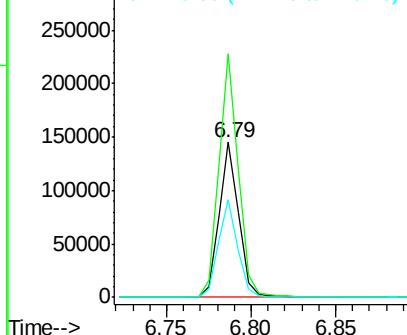
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF105014.D
Acq: 2 May 2018 6:27

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 117448
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 62.7 50.1 75.1



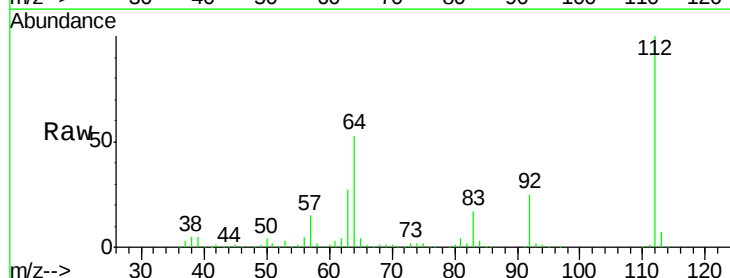
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



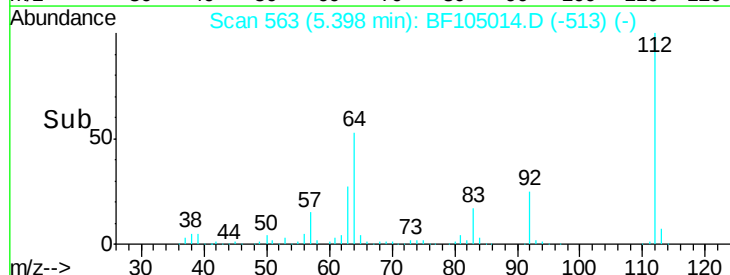
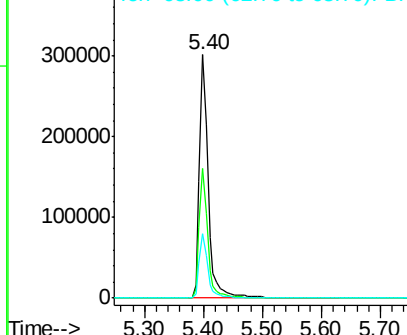
#5

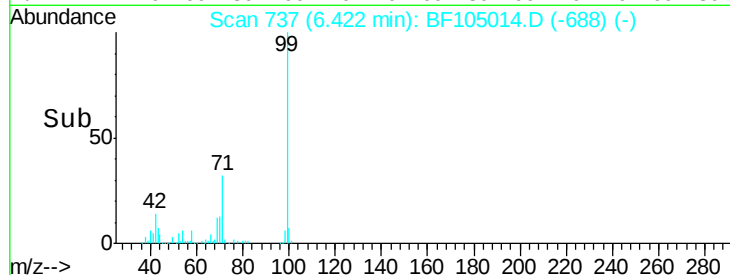
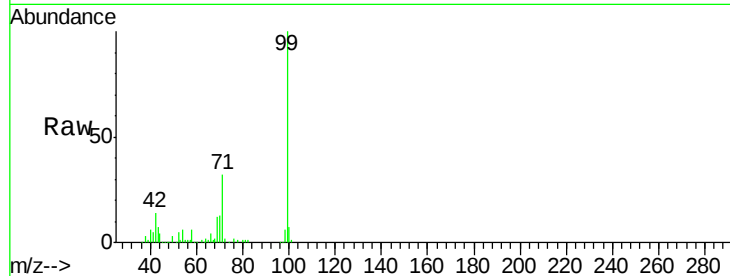
2-Fluorophenol
Concen: 40.357 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF105014.D
Acq: 2 May 2018 6:27

Tgt Ion:112 Resp: 309989
Ion Ratio Lower Upper
112 100
64 53.4 47.9 71.9
63 26.6 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: 25.070 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF105014.D

Acq: 2 May 2018 6:27

Instrument :

BNA_F

ClientSampleId :

DFTPP

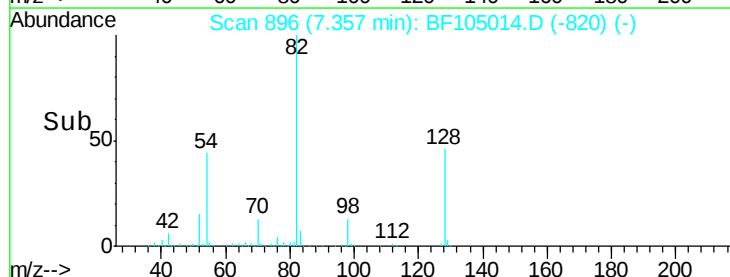
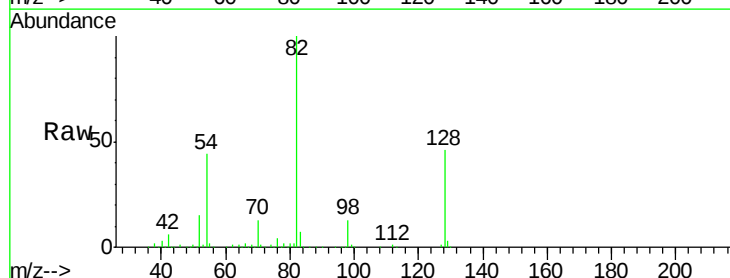
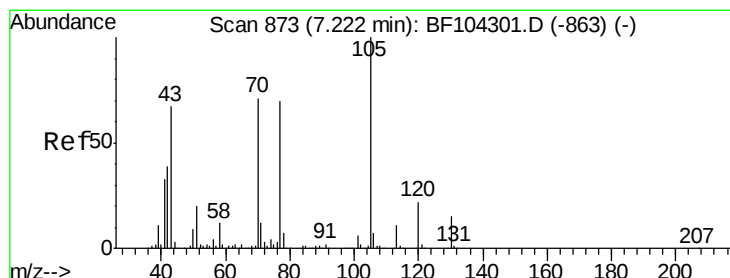
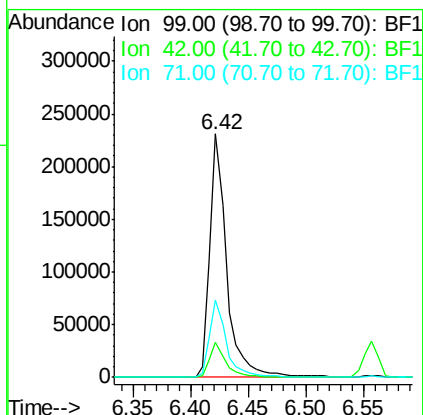
Tgt Ion: 99 Resp: 236596

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

71 31.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.813 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF105014.D

Acq: 2 May 2018 6:27

Tgt Ion: 70 Resp: 91353

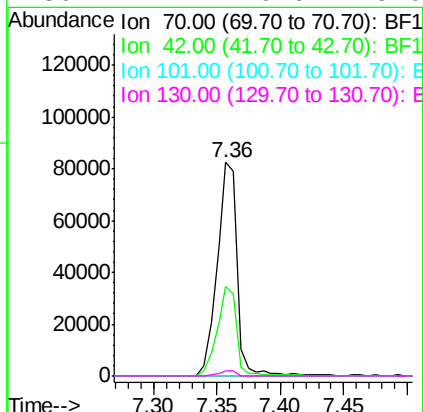
Ion Ratio Lower Upper

70 100

42 41.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

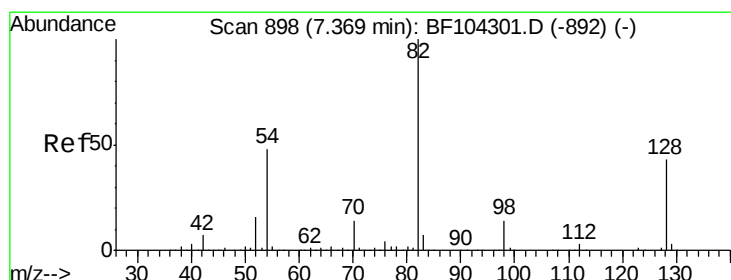
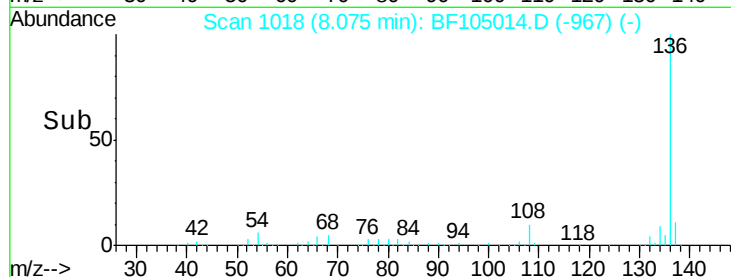
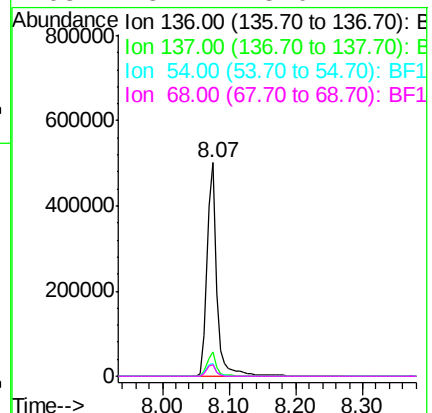
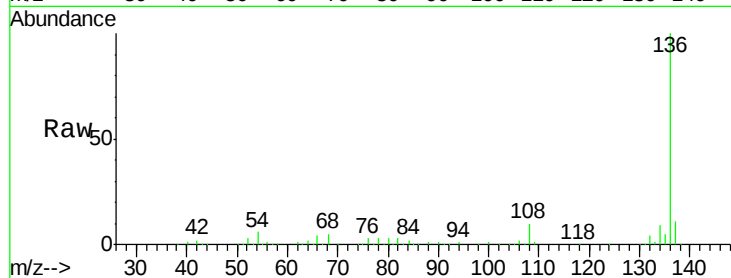




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF105014.D
Acq: 2 May 2018 6:27

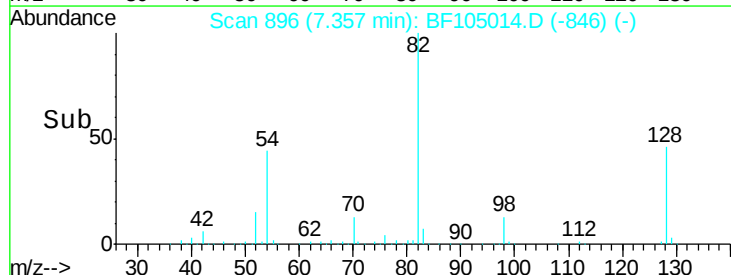
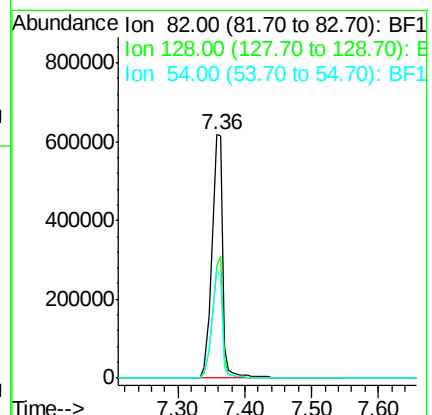
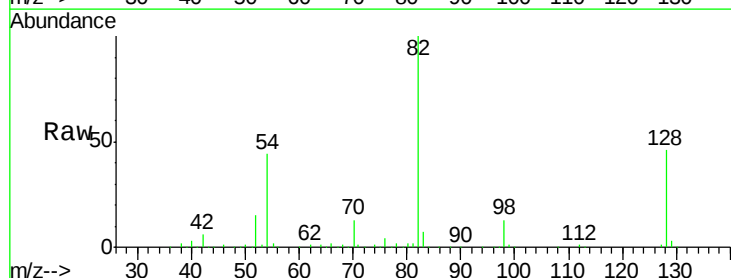
Instrument :
BNA_F
ClientSampleId :
DFTPP

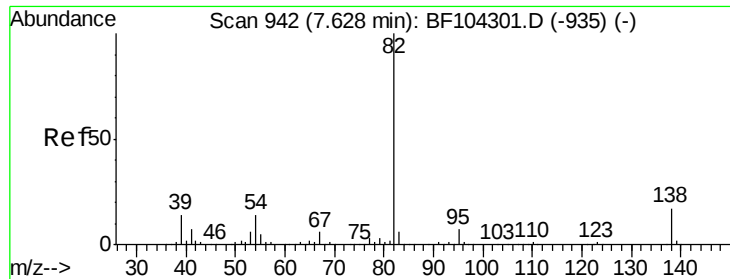
Tgt Ion:	136	Resp:	495458
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	5.7	6.6	9.8#
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 92.869 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105014.D
Acq: 2 May 2018 6:27

Tgt Ion:	82	Resp:	704657
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	44.4	41.4	62.2





#25

Isophorone

Concen: 43.917 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF105014.D

Acq: 2 May 2018 6:27

Instrument :

BNA_F

ClientSampleId :

DFTPP

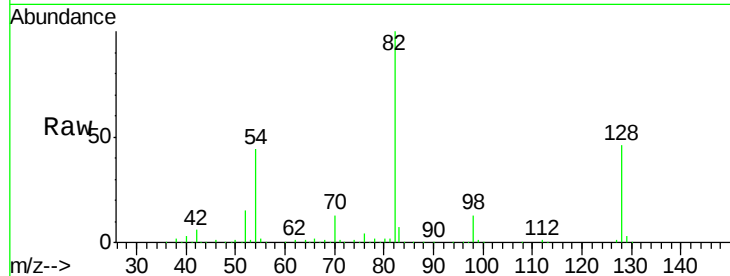
Tgt Ion: 82 Resp: 704652

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

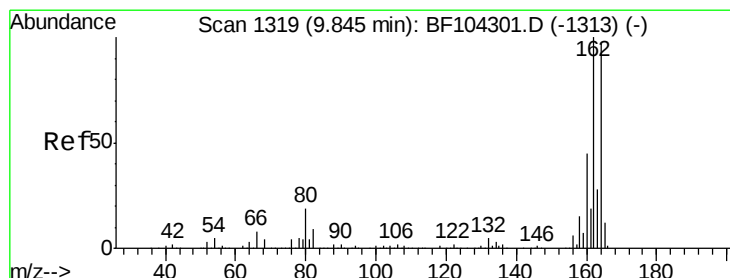
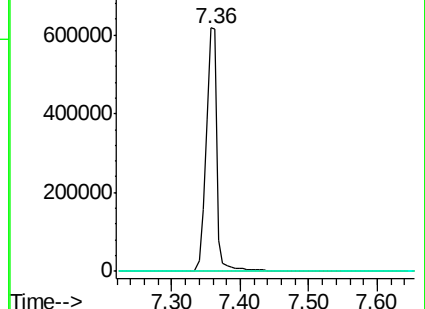
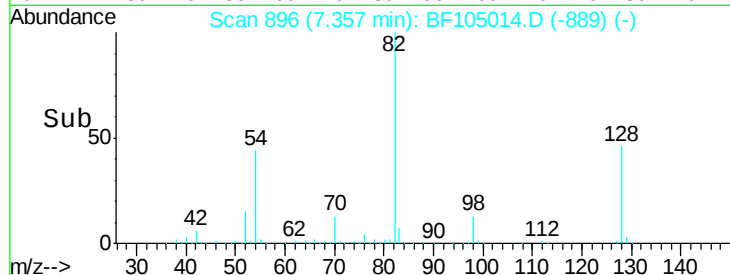
138 0.0 14.9 22.3#



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: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF105014.D

Acq: 2 May 2018 6:27

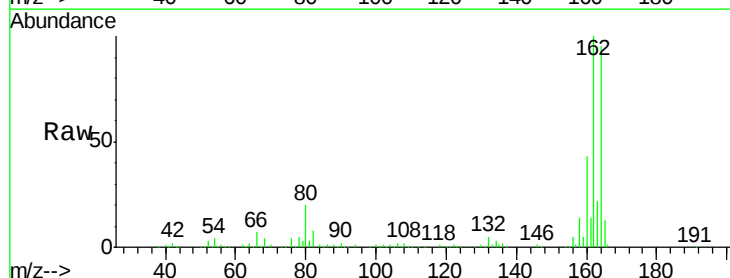
Tgt Ion: 164 Resp: 221986

Ion Ratio Lower Upper

164 100

162 105.6 86.1 129.1

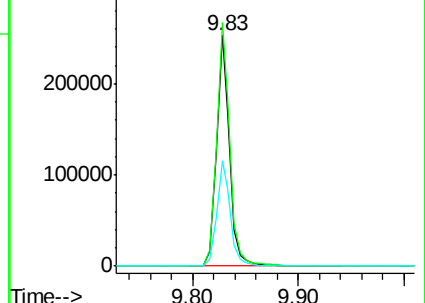
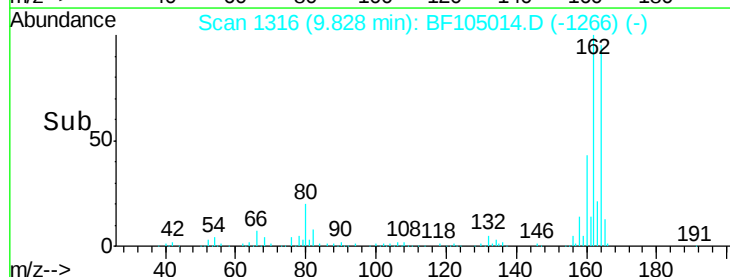
160 45.8 38.3 57.5

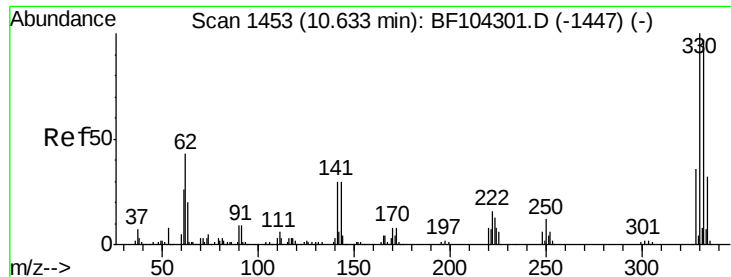


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 78.465 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF105014.D

Acq: 2 May 2018 6:27

Instrument :

BNA_F

ClientSampleId :

DFTPP

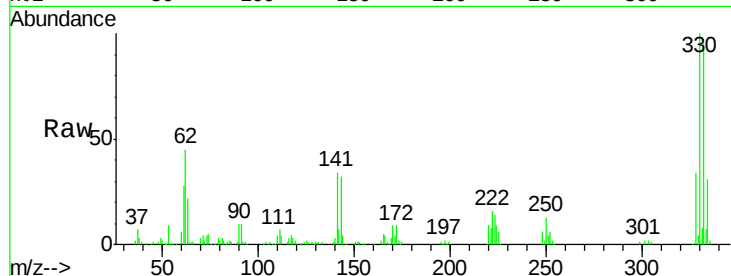
Tgt Ion:330 Resp: 180682

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

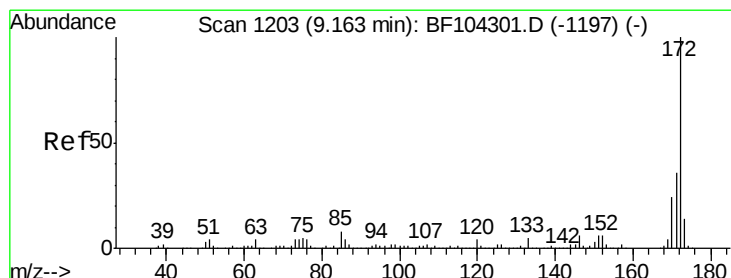
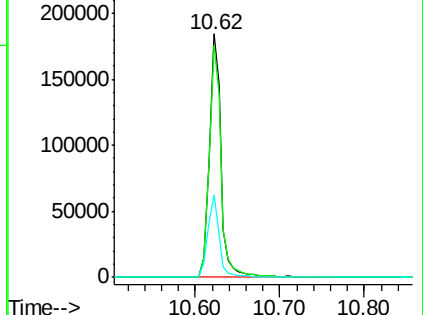
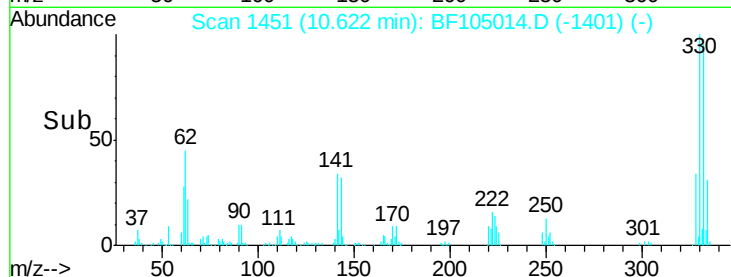
141 32.6 29.9 44.9



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: 86.752 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF105014.D

Acq: 2 May 2018 6:27

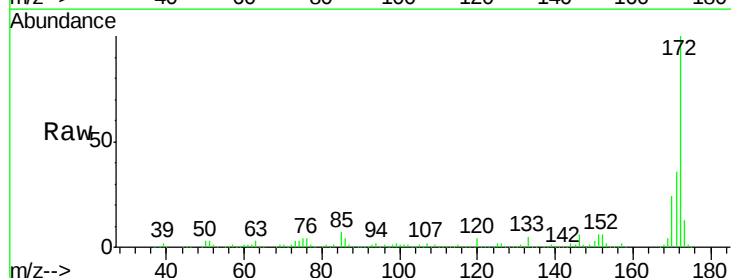
Tgt Ion:172 Resp: 1219036

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

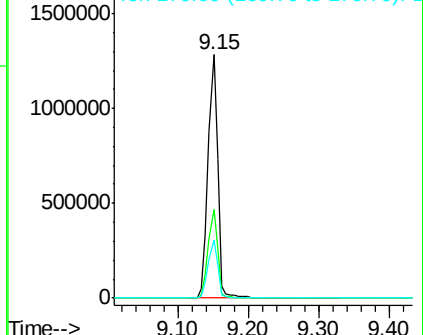
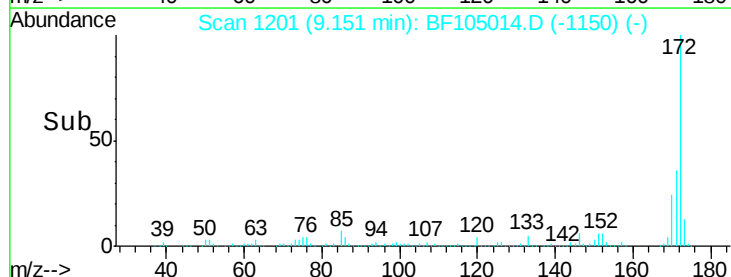
170 24.0 19.6 29.4

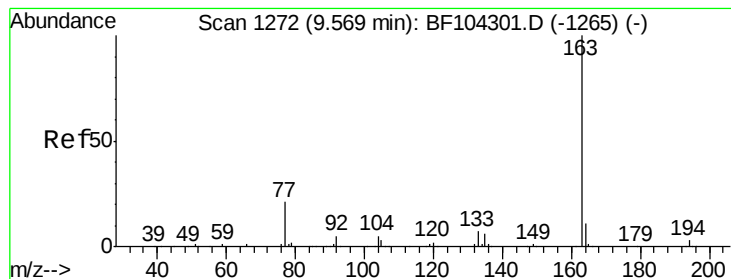


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.497 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF105014.D

Acq: 2 May 2018 6:27

Instrument :

BNA_F

ClientSampleId :

DFTPP

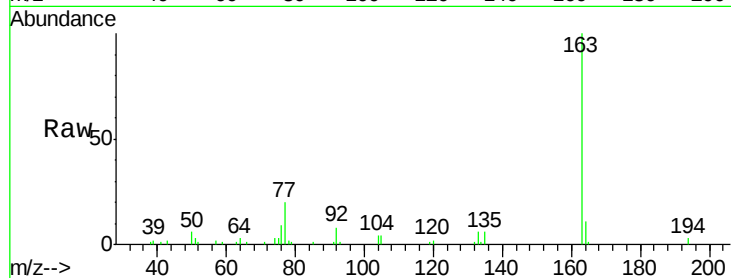
Tgt Ion:163 Resp: 43706

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

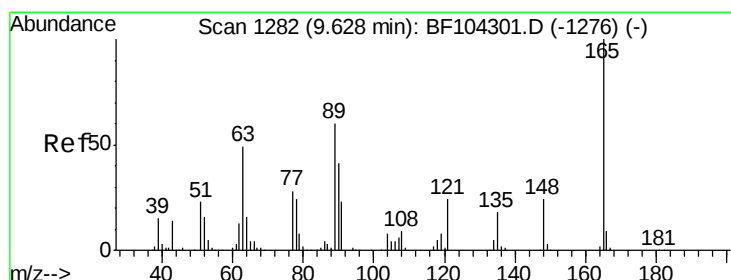
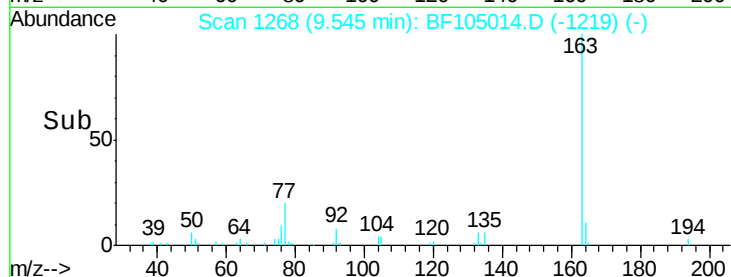
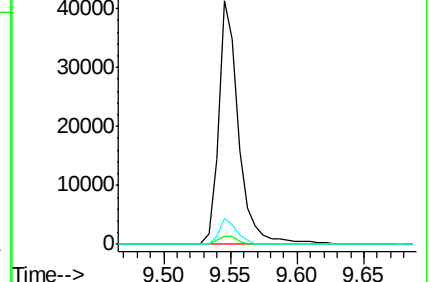
164 10.5 8.2 12.2



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: 8.863 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.20 min

Lab File: BF105014.D

Acq: 2 May 2018 6:27

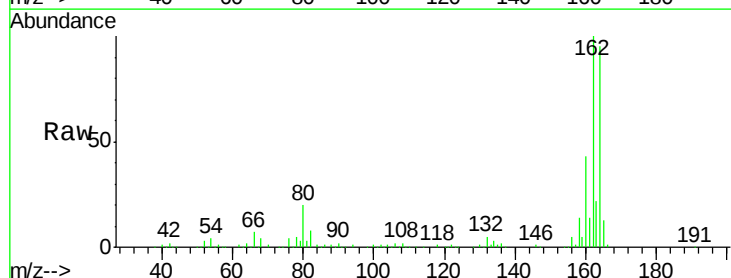
Tgt Ion:165 Resp: 28708

Ion Ratio Lower Upper

165 100

63 1.1 44.7 67.1#

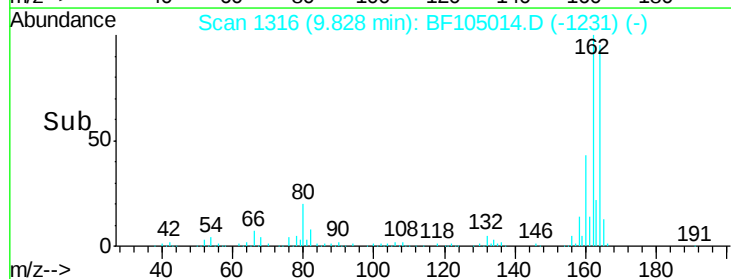
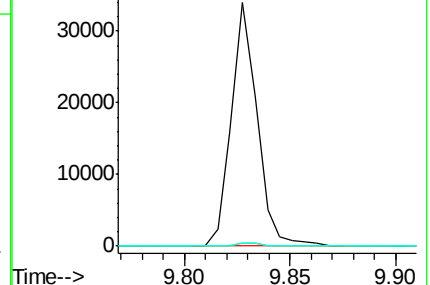
89 1.3 44.0 66.0#

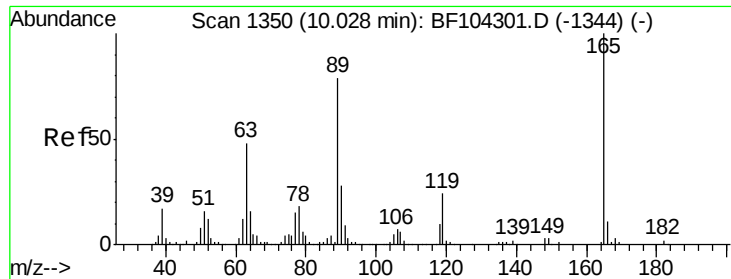


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

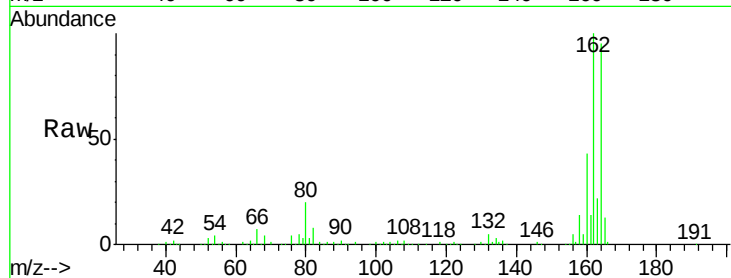




#56
 2,4-Dinitrotoluene
 Concen: 6.757 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF105014.D
 Acq: 2 May 2018 6:27

Instrument :
 BNA_F
 ClientSampled :
 DFTPP

Tgt Ion:	165	Resp:	28708
Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

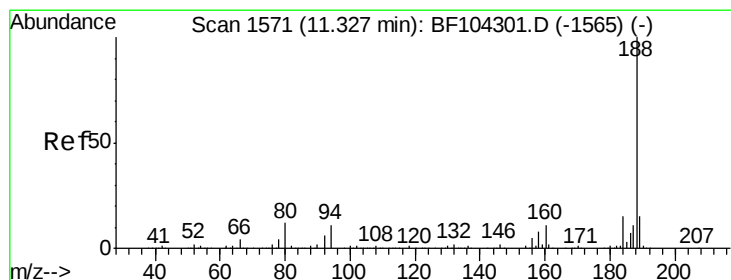
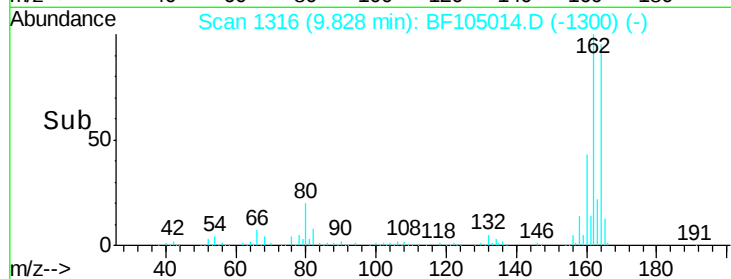
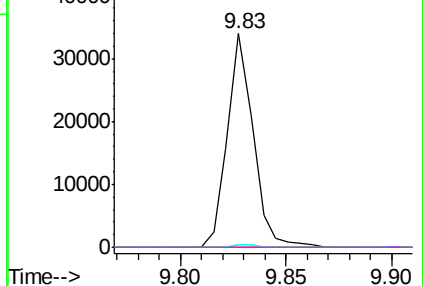


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

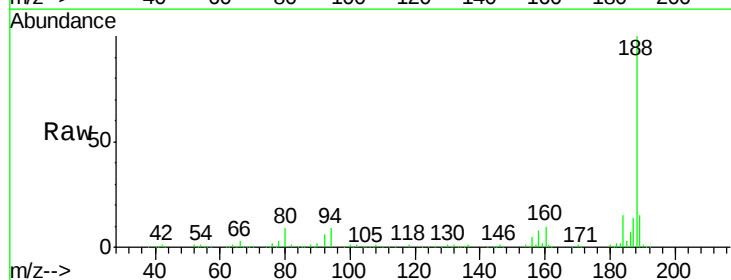
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF105014.D
 Acq: 2 May 2018 6:27

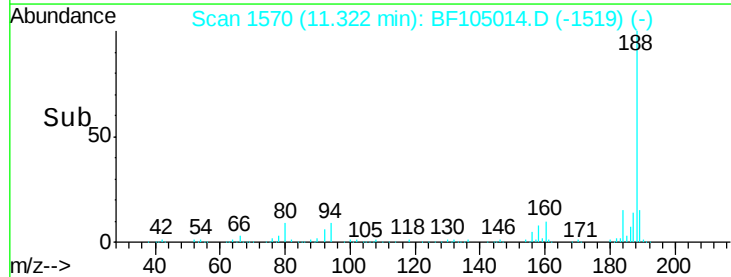
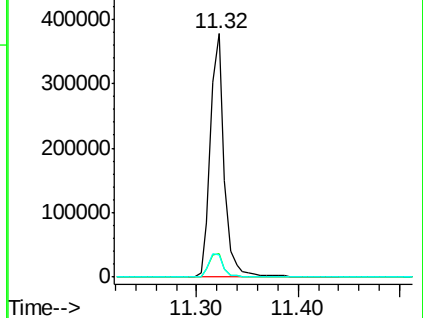
Tgt Ion:	188	Resp:	359660
Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	9.3	9.2	13.8

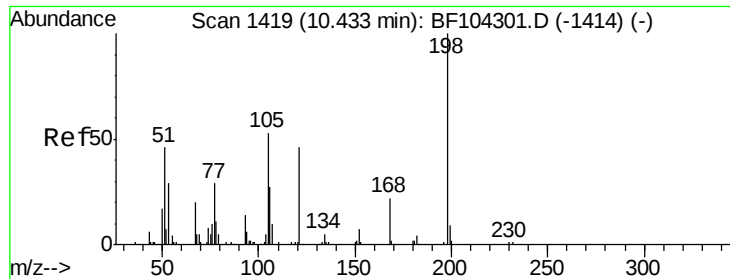


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

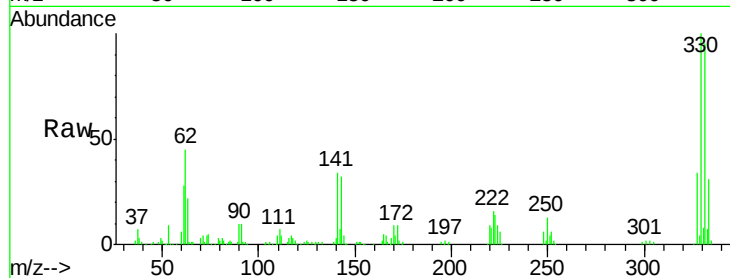




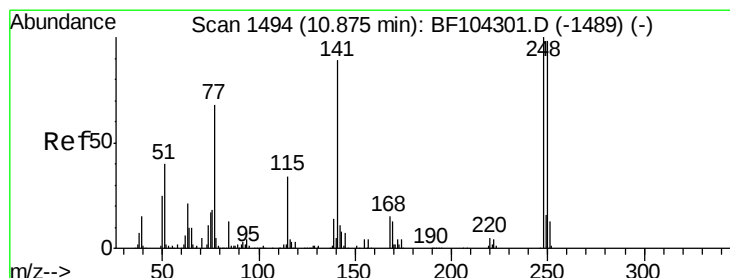
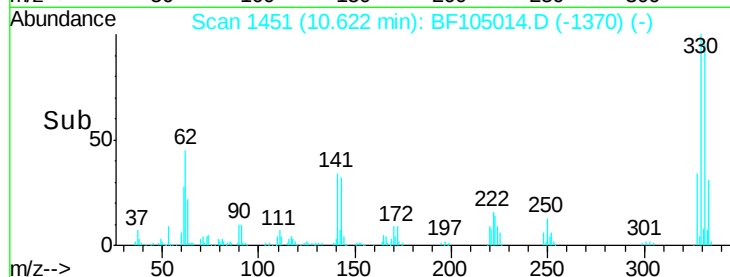
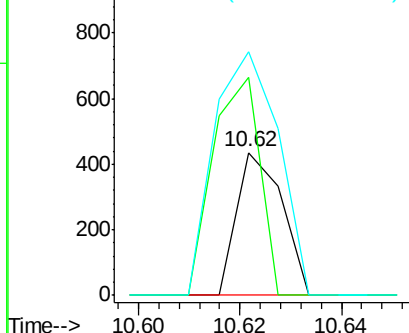
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.479 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.18 min
 Lab File: BF105014.D
 Acq: 2 May 2018 6:27

Instrument :
 BNA_F
 ClientSampled :
 DFTPP

Tgt Ion:198 Resp: 272
 Ion Ratio Lower Upper
 198 100
 51 152.3 37.7 77.7#
 105 170.2 36.3 76.3#

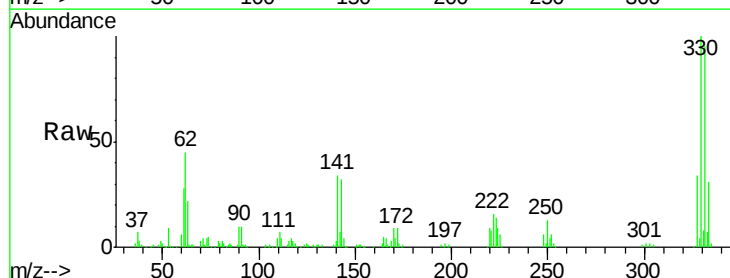


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

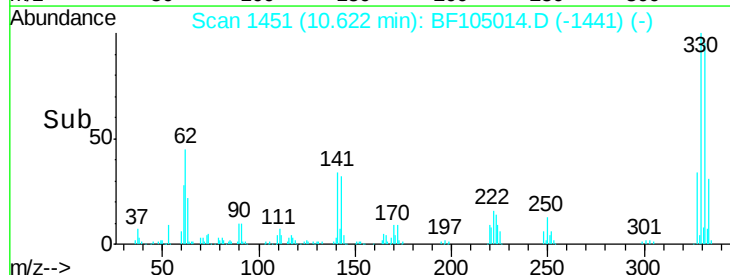
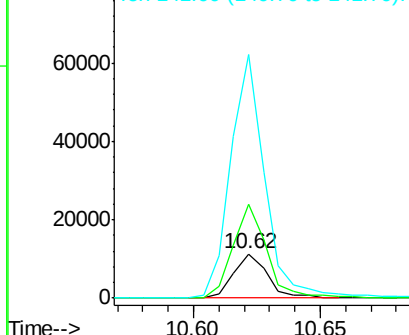


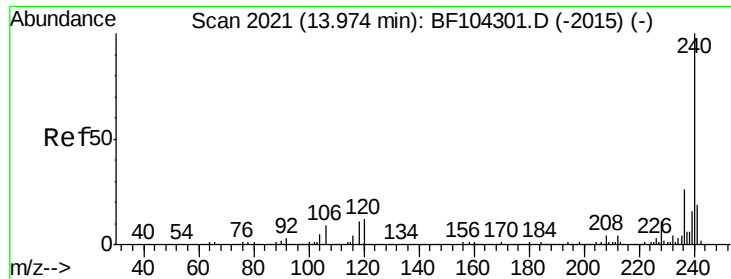
#66
 4-Bromophenyl-phenylether
 Concen: 2.701 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.24 min
 Lab File: BF105014.D
 Acq: 2 May 2018 6:27

Tgt Ion:248 Resp: 10333
 Ion Ratio Lower Upper
 248 100
 250 210.9 76.9 115.3#
 141 546.5 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

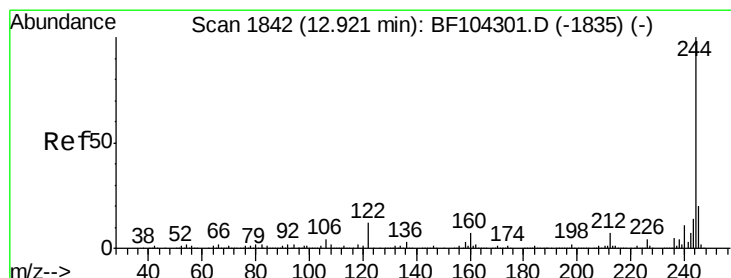
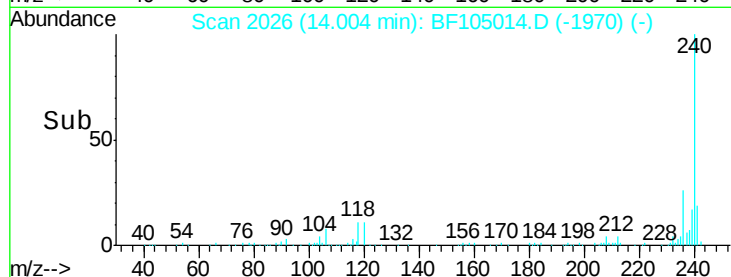
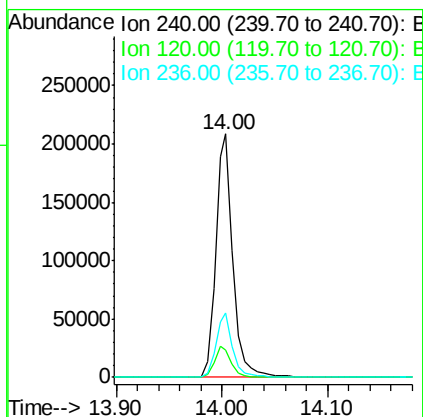
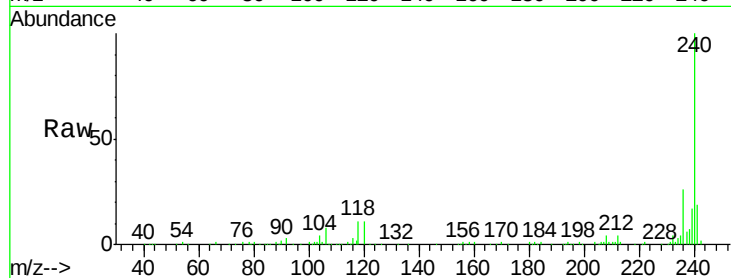




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.03 min
Lab File: BF105014.D
Acq: 2 May 2018 6:27

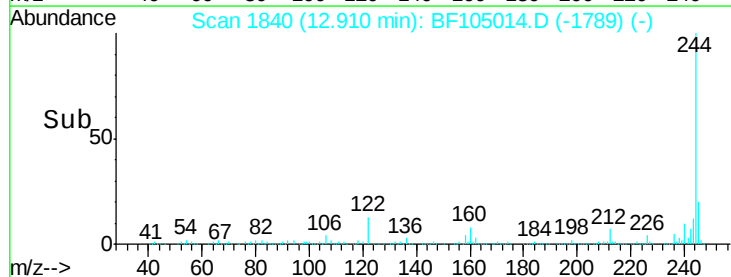
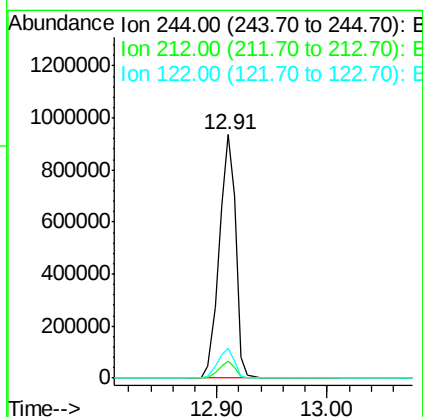
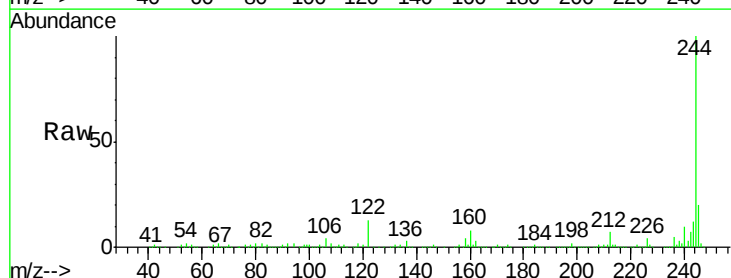
Instrument :
BNA_F
ClientSampleId :
DFTPP

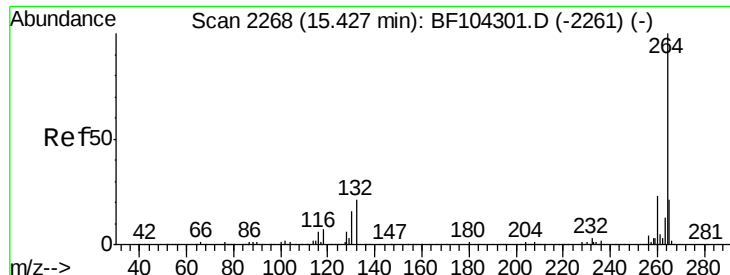
Tgt Ion:240 Resp: 237117
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 26.4 20.7 31.1



#78
Terphenyl-d14
Concen: 92.669 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BF105014.D
Acq: 2 May 2018 6:27

Tgt Ion:244 Resp: 963813
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 12.5 11.0 16.4

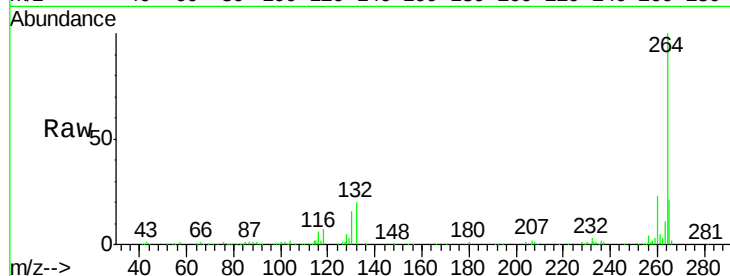




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.11 min
Lab File: BF105014.D
Acq: 2 May 2018 6:27

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion: 264 Resp: 218141
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 21.2 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

