

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102506.D
 Acq On : 27 Jan 2018 13:17
 Operator : SJ/JU
 Sample : J1306-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC3

Quant Time: Jan 27 20:58:07 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

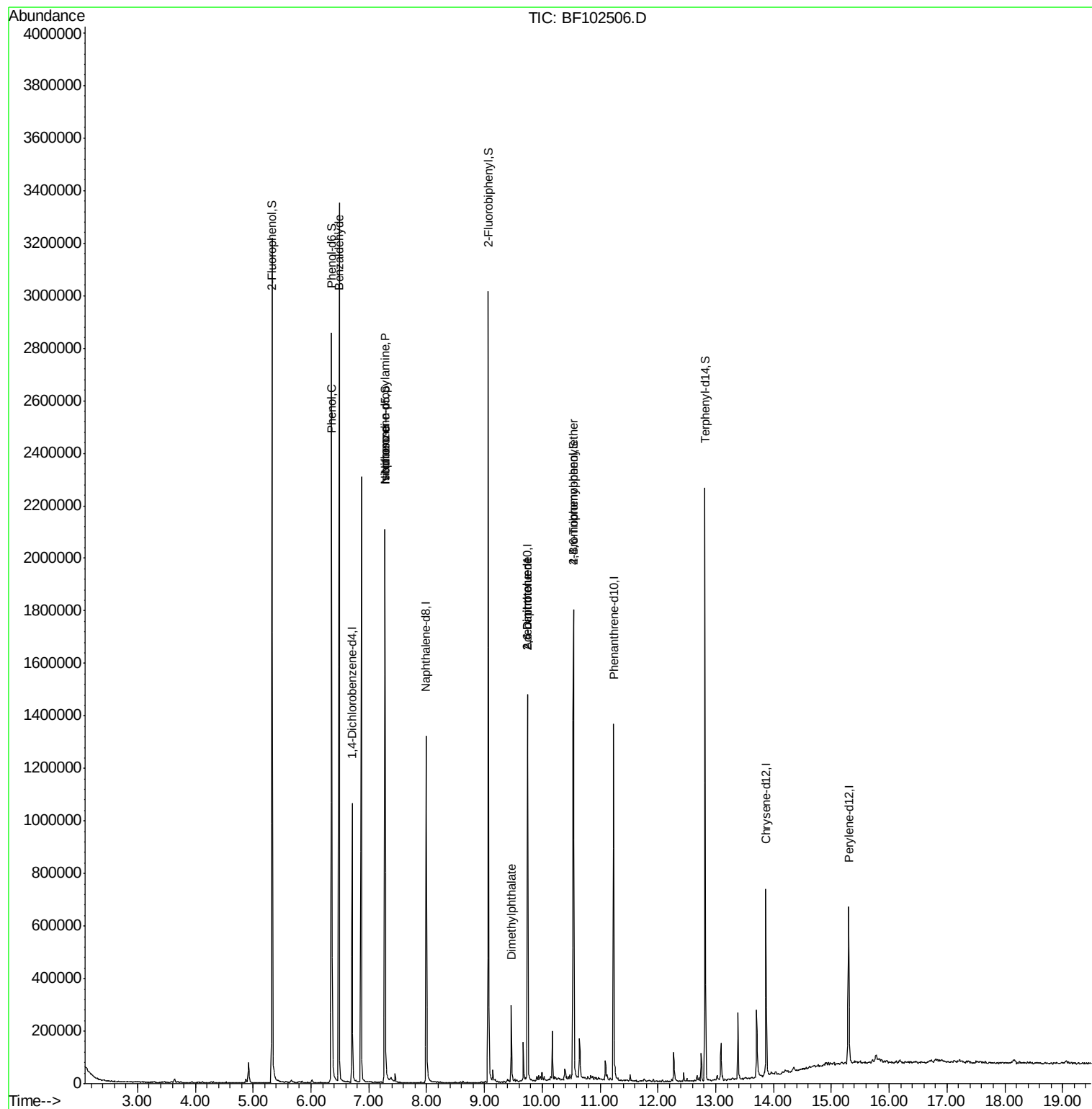
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	165162	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	669121	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	300089	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	485695	20.00	ng	0.00
75) Chrysene-d12	13.87	240	261740	20.00	ng	0.00
86) Perylene-d12	15.30	264	268312	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	948715	87.10	ng	0.00
7) Phenol-d6	6.36	99	1174143	89.41	ng	0.00
23) Nitrobenzene-d5	7.28	82	716398	61.53	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	209901	70.59	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	958100	46.94	ng	0.00
78) Terphenyl-d14	12.82	244	747630	64.39	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	20327	2.259	ng	82
10) Phenol	6.37	94	48433	3.378	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	96770	12.041	ng	# 78
25) Isophorone	7.28	82	716392	34.512	ng	# 64
49) Dimethylphthalate	9.46	163	119704	4.826	ng	100
50) 2,6-Dinitrotoluene	9.75	165	37498	7.012	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	37498	5.702	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	14481	2.770	ng	# 1

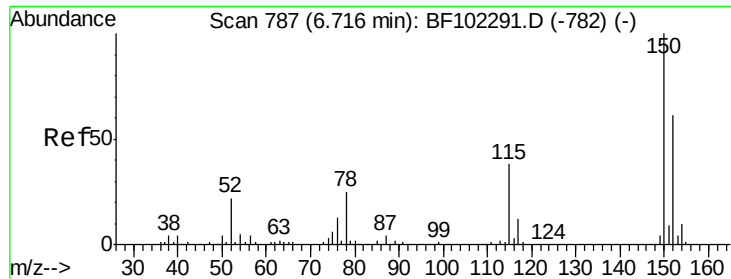
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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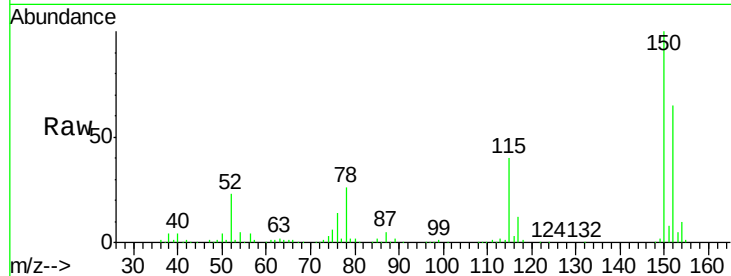


#1

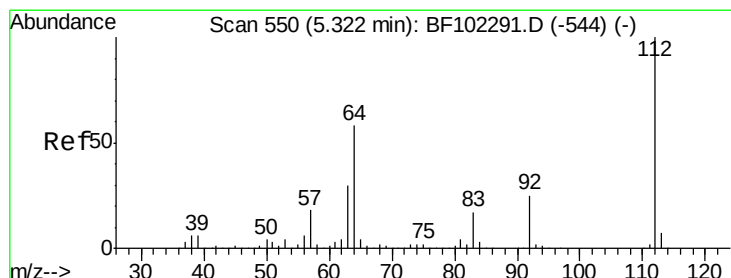
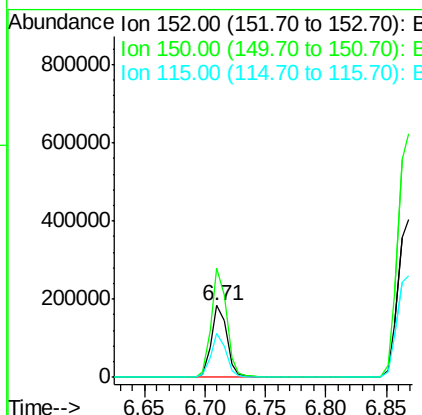
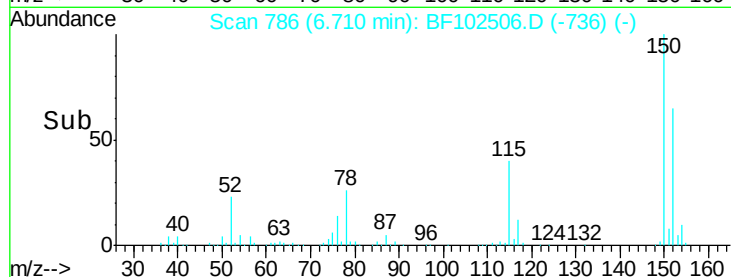
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102506.D
Acq: 27 Jan 2018 13:17

Instrument :
BNA_F
ClientSampleId :
WC3

Tgt Ion:152 Resp: 165162
Ion Ratio Lower Upper
152 100
150 153.5 124.6 186.8
115 61.8 50.1 75.1



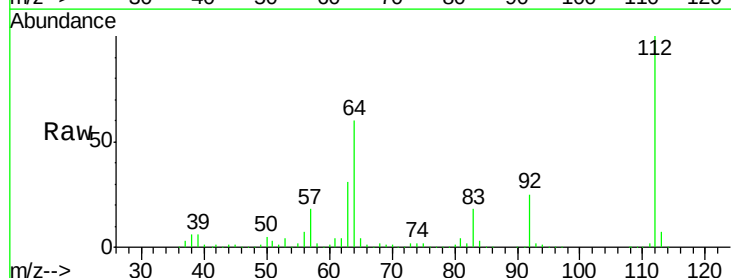
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



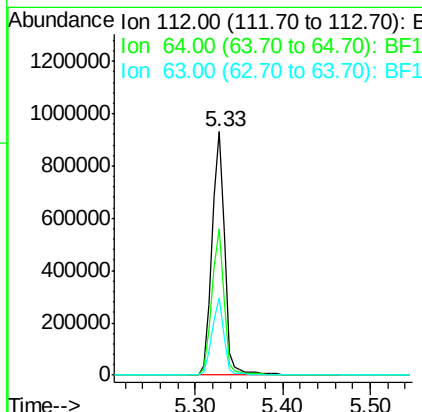
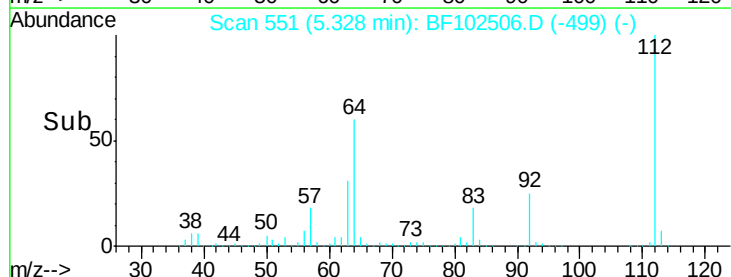
#5

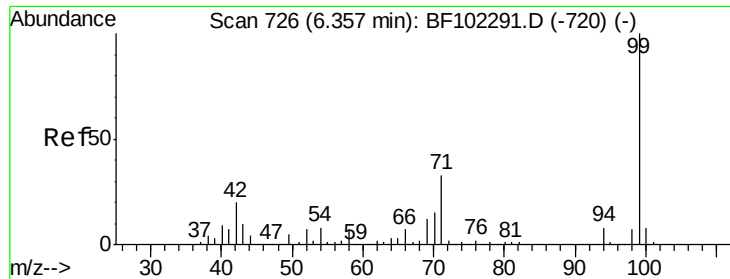
2-Fluorophenol
Concen: 87.096 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102506.D
Acq: 27 Jan 2018 13:17

Tgt Ion:112 Resp: 948715
Ion Ratio Lower Upper
112 100
64 60.2 47.9 71.9
63 31.5 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: 89.410 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102506.D

Acq: 27 Jan 2018 13:17

Instrument :

BNA_F

ClientSampled :

WC3

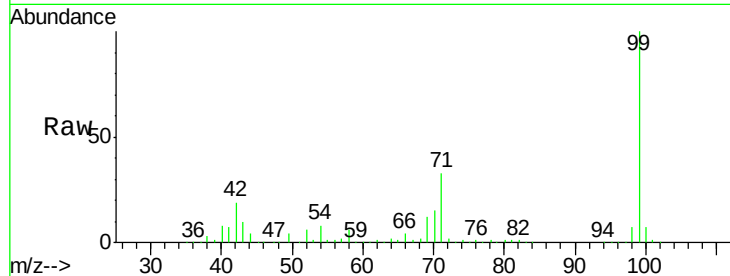
Tgt Ion: 99 Resp: 1174143

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

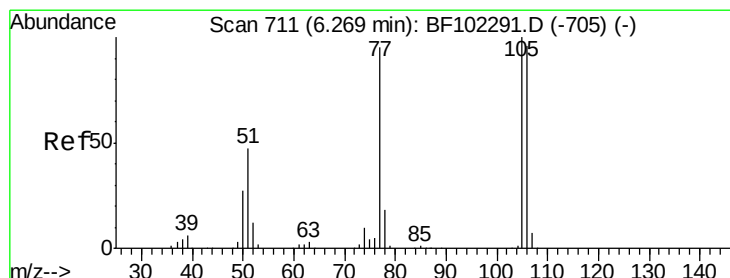
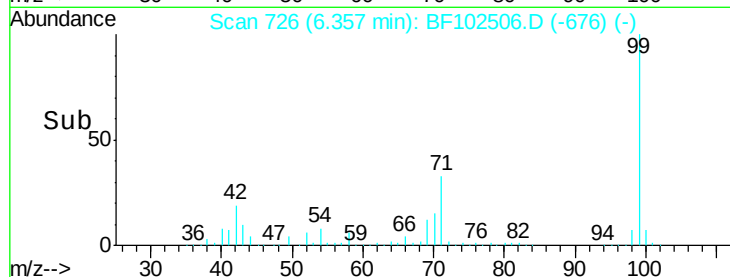
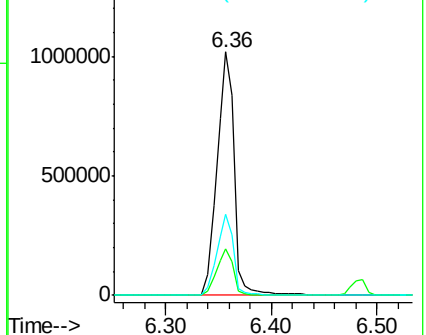
71 33.5 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.259 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF102506.D

Acq: 27 Jan 2018 13:17

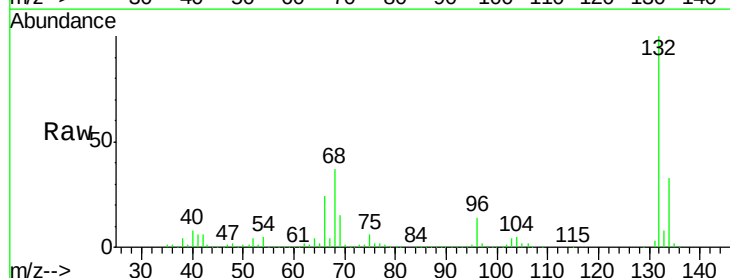
Tgt Ion: 77 Resp: 20327

Ion Ratio Lower Upper

77 100

105 83.4 81.1 121.1

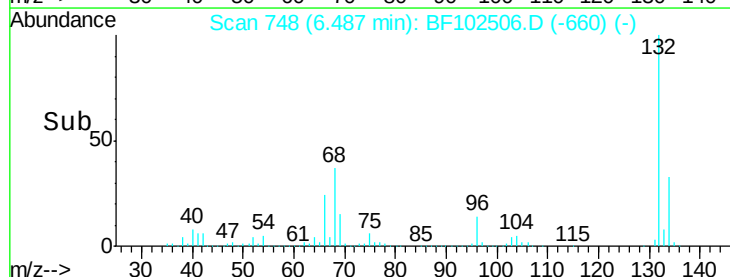
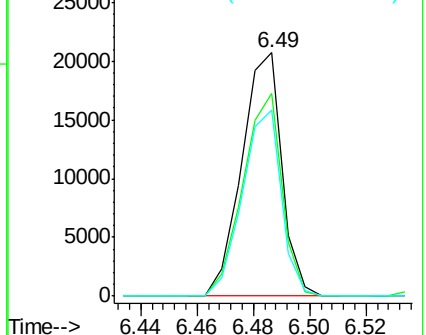
106 76.4 74.5 114.5

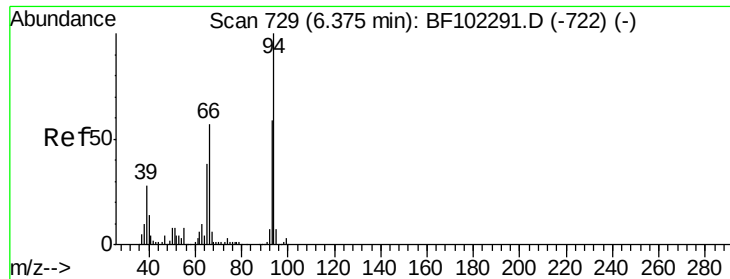


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 3.378 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102506.D

Acq: 27 Jan 2018 13:17

Instrument :

BNA_F

ClientSampleId :

WC3

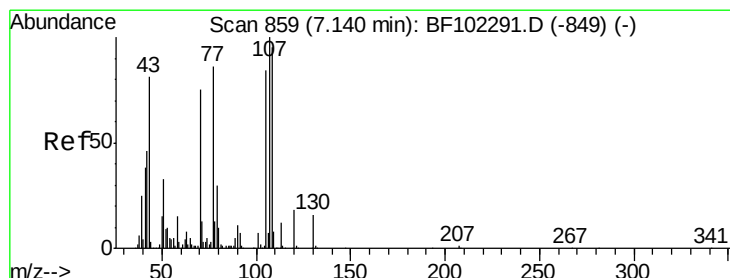
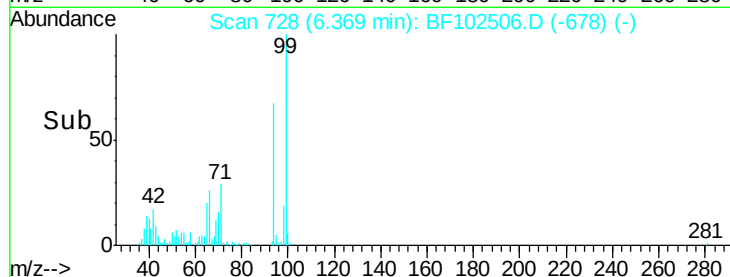
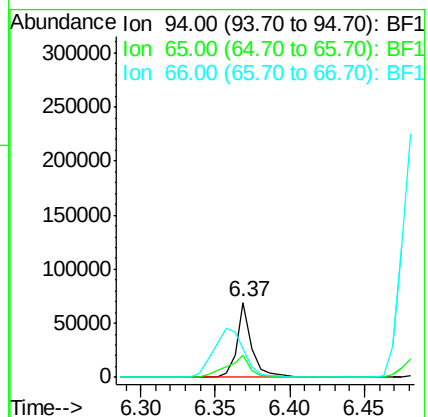
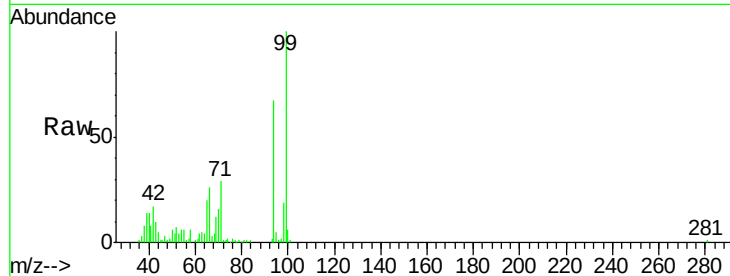
Tgt Ion: 94 Resp: 48433

Ion Ratio Lower Upper

94 100

65 29.0 7.9 47.9

66 38.3 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.041 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF102506.D

Acq: 27 Jan 2018 13:17

Tgt Ion: 70 Resp: 96770

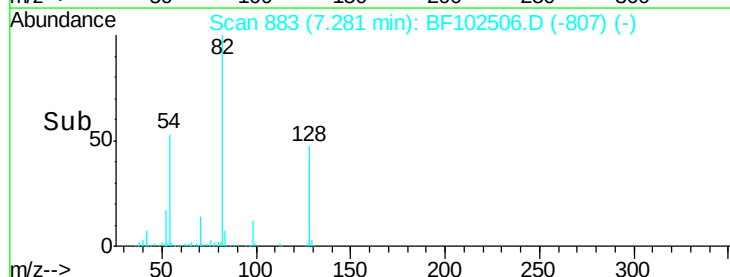
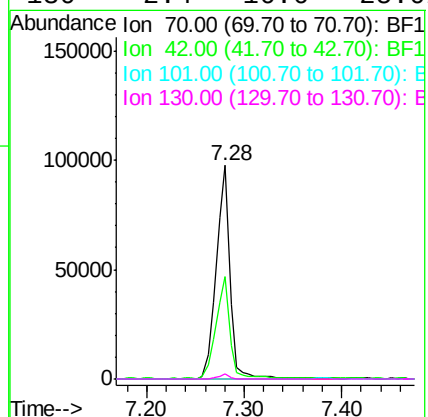
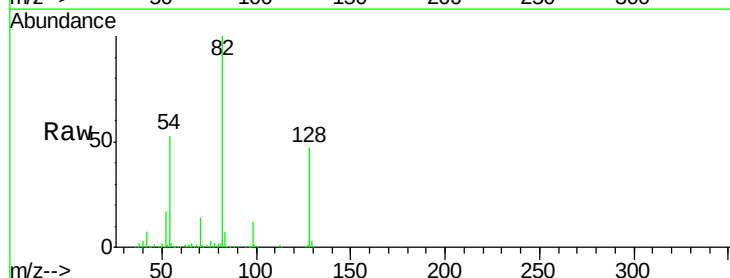
Ion Ratio Lower Upper

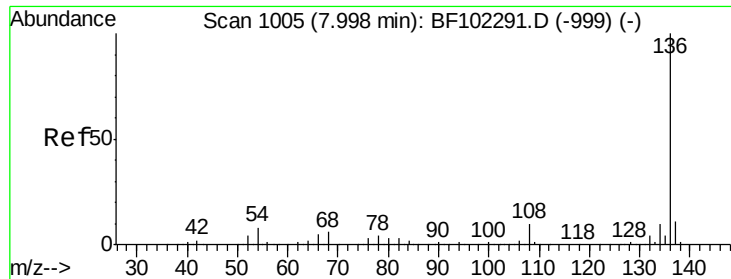
70 100

42 48.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

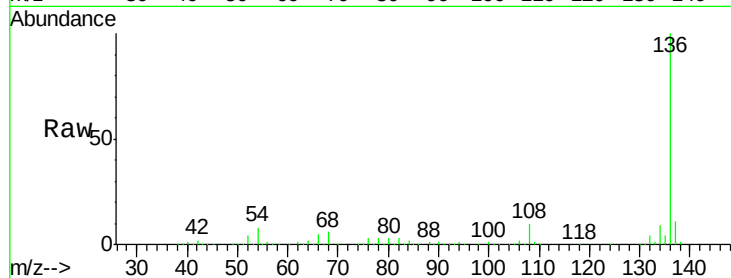




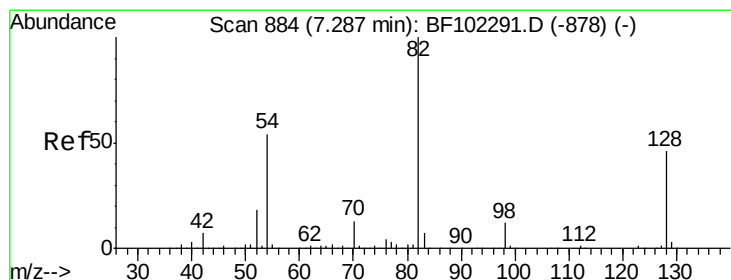
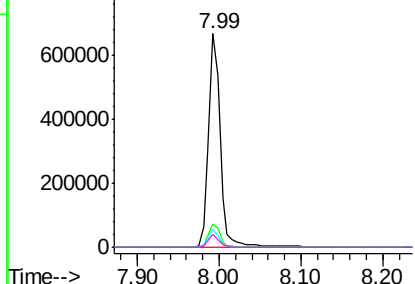
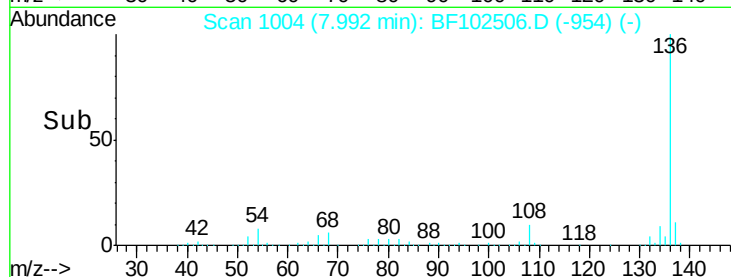
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102506.D
Acq: 27 Jan 2018 13:17

Instrument :
BNA_F
ClientSampleId :
WC3

Tgt Ion:	136	Resp:	669121
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.2	6.6	9.8
68	6.0	5.0	7.4

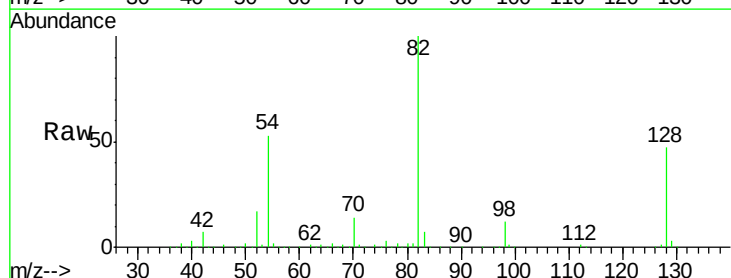


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

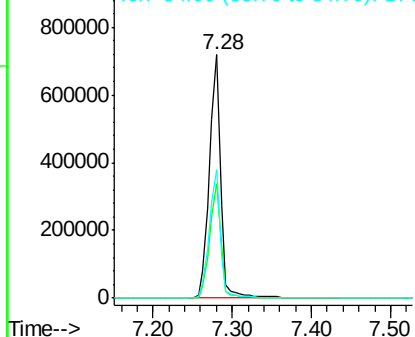
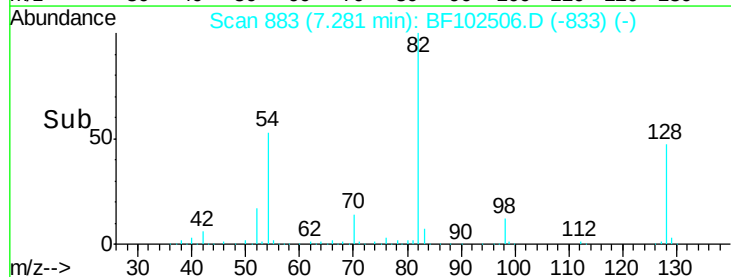


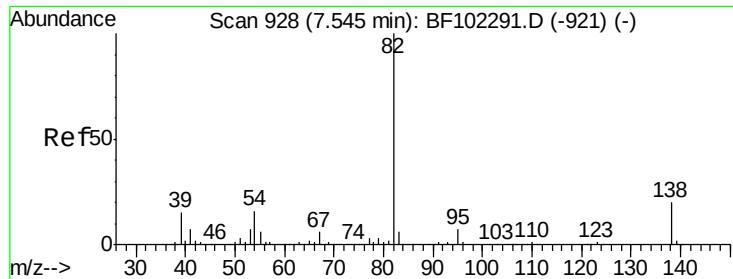
#23
Nitrobenzene-d5
Concen: 61.527 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102506.D
Acq: 27 Jan 2018 13:17

Tgt Ion:	82	Resp:	716398
Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	52.7	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: 34.512 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102506.D

Acq: 27 Jan 2018 13:17

Instrument :

BNA_F

ClientSampleId :

WC3

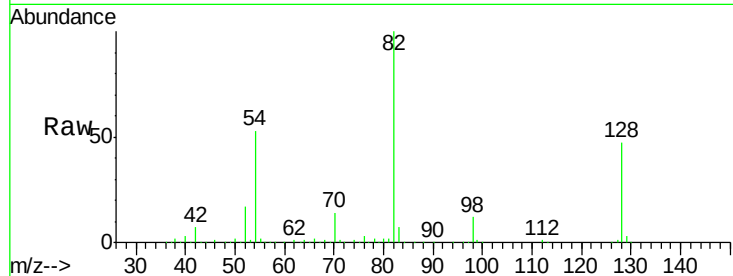
Tgt Ion: 82 Resp: 716392

Ion Ratio Lower Upper

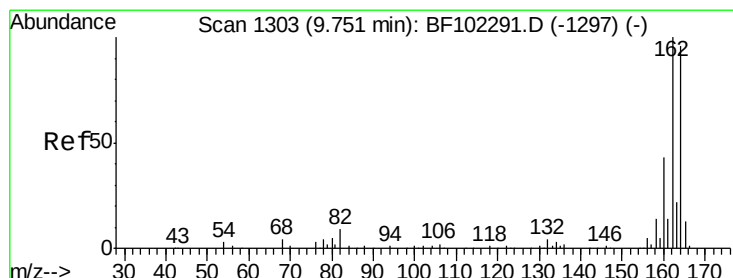
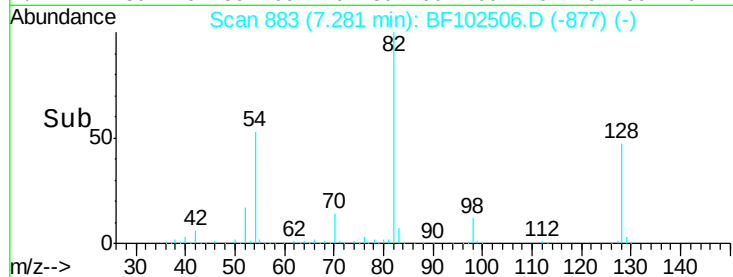
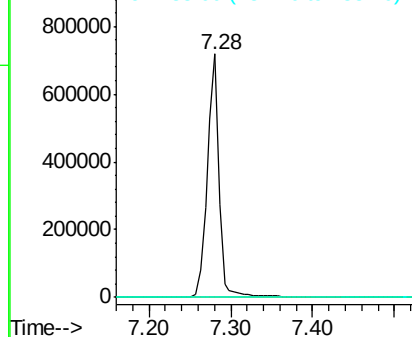
82 100

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: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102506.D

Acq: 27 Jan 2018 13:17

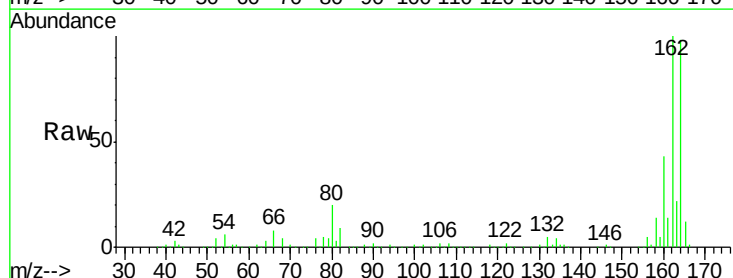
Tgt Ion: 164 Resp: 300089

Ion Ratio Lower Upper

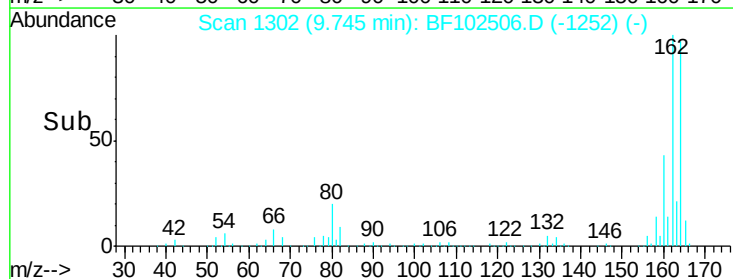
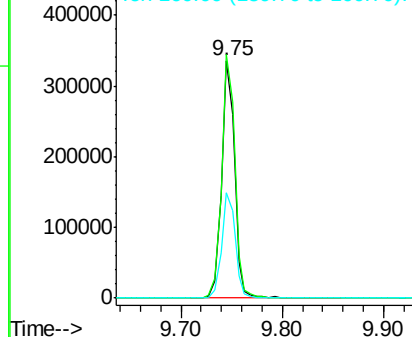
164 100

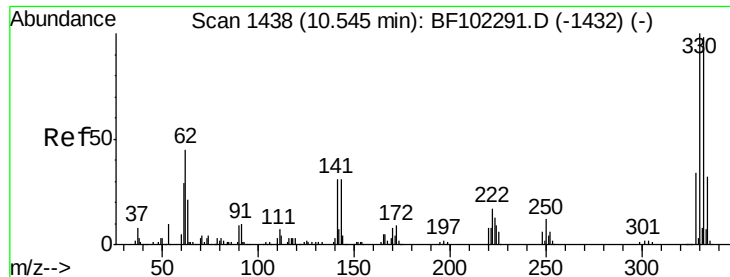
162 102.4 86.1 129.1

160 44.5 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

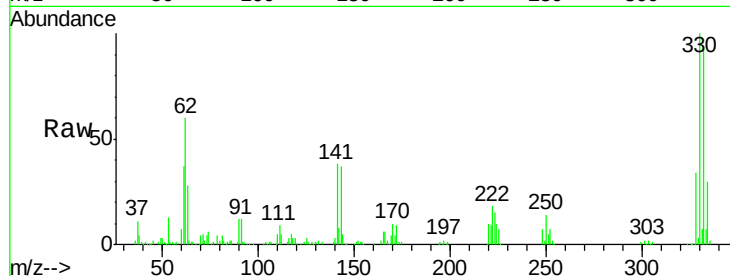




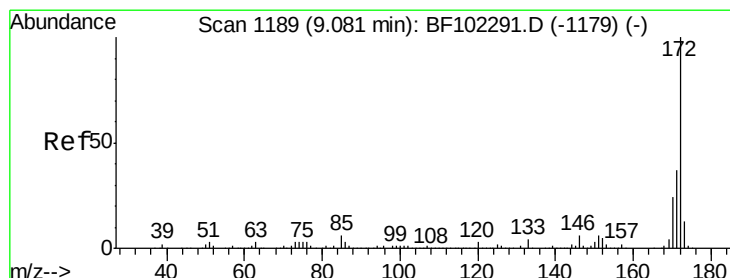
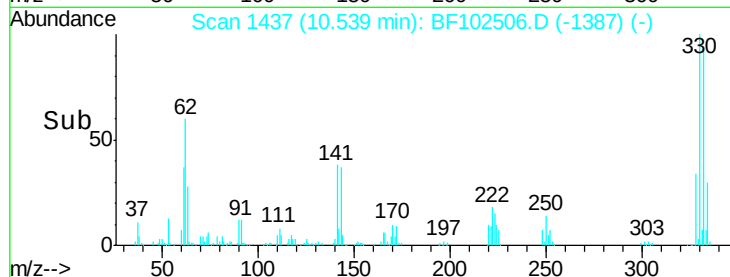
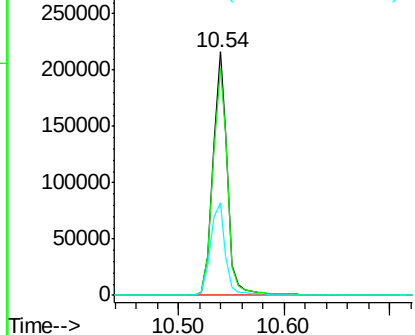
#41
 2,4,6-Tribromophenol
 Concen: 70.592 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102506.D
 Acq: 27 Jan 2018 13:17

Instrument :
 BNA_F
 ClientSampleId :
 WC3

Tgt Ion:330 Resp: 209901
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 39.8 29.9 44.9

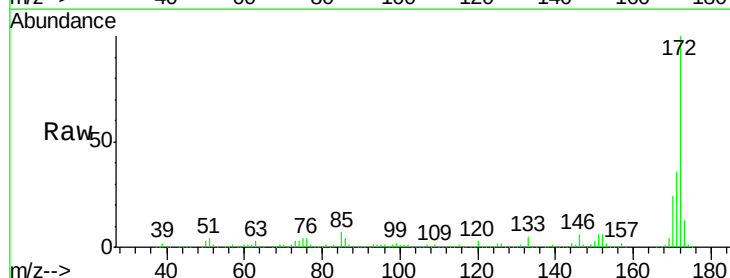


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

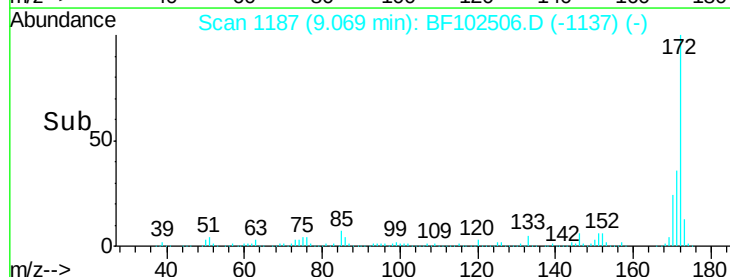
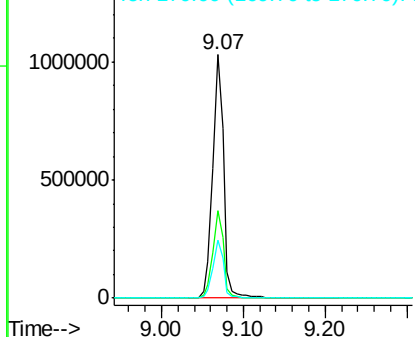


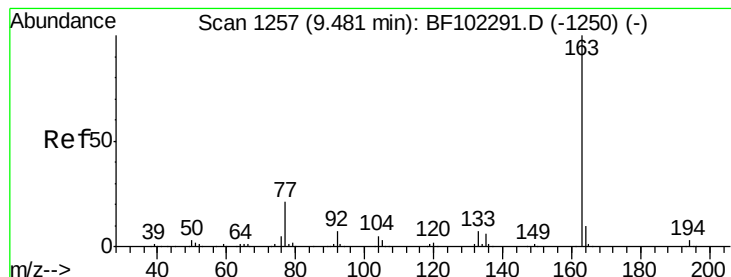
#44
 2-Fluorobiphenyl
 Concen: 46.944 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102506.D
 Acq: 27 Jan 2018 13:17

Tgt Ion:172 Resp: 958100
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.7 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: 4.826 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF102506.D

Acq: 27 Jan 2018 13:17

Instrument :

BNA_F

ClientSampleId :

WC3

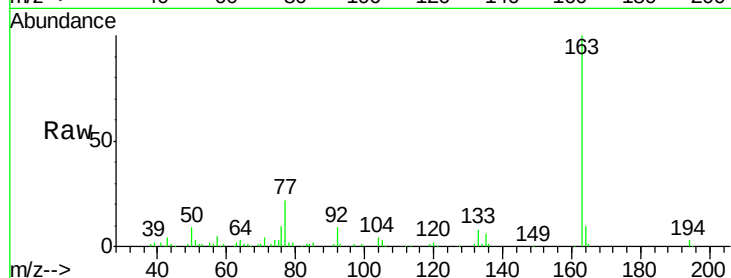
Tgt Ion:163 Resp: 119704

Ion Ratio Lower Upper

163 100

194 3.0 2.7 4.1

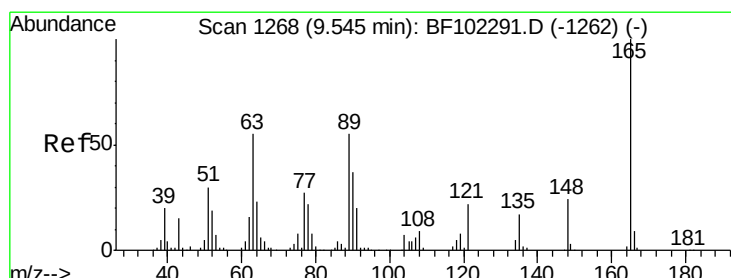
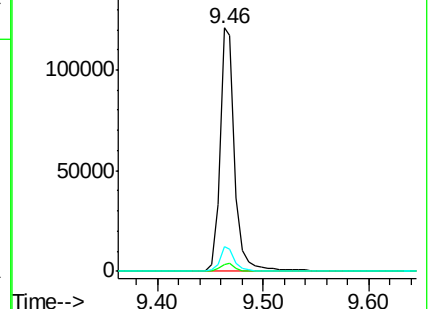
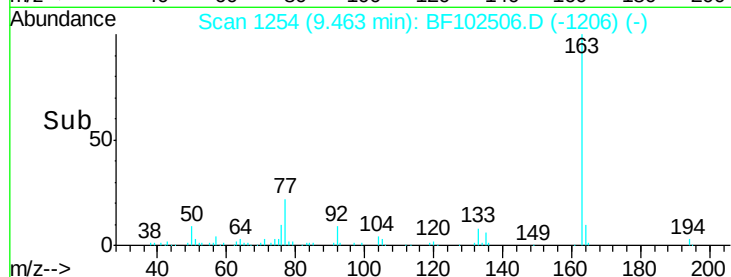
164 10.2 8.2 12.2



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: 7.012 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.19 min

Lab File: BF102506.D

Acq: 27 Jan 2018 13:17

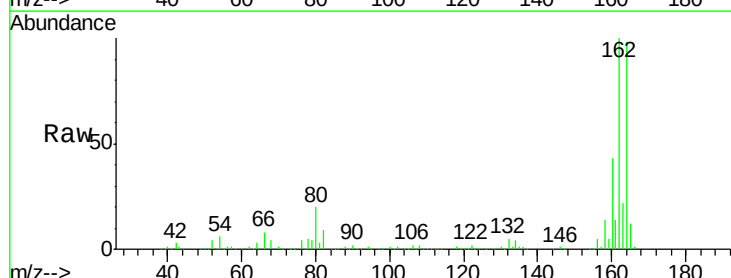
Tgt Ion:165 Resp: 37498

Ion Ratio Lower Upper

165 100

63 1.4 44.7 67.1#

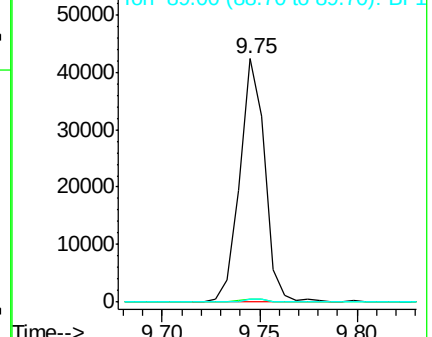
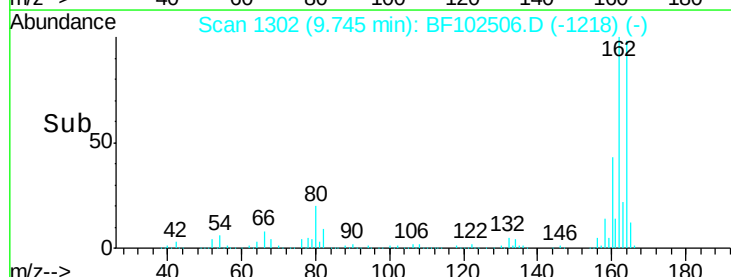
89 1.4 44.0 66.0#

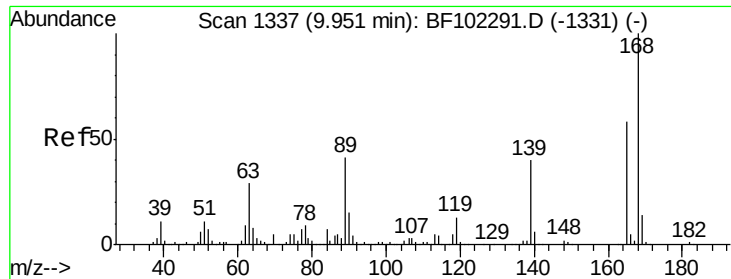


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

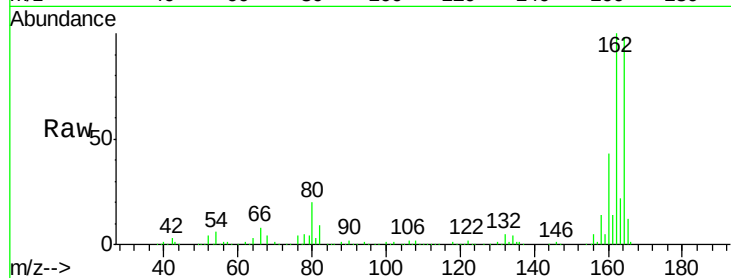




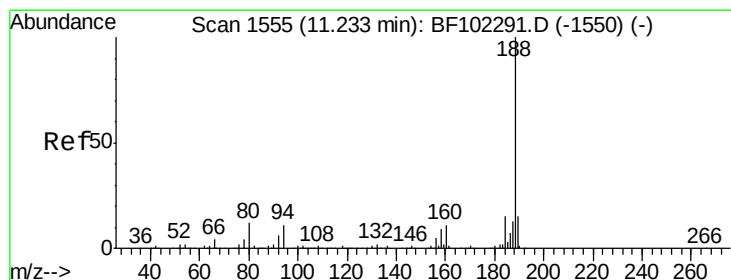
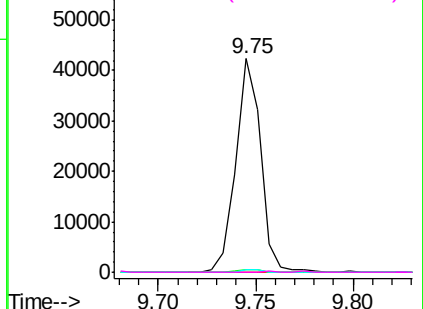
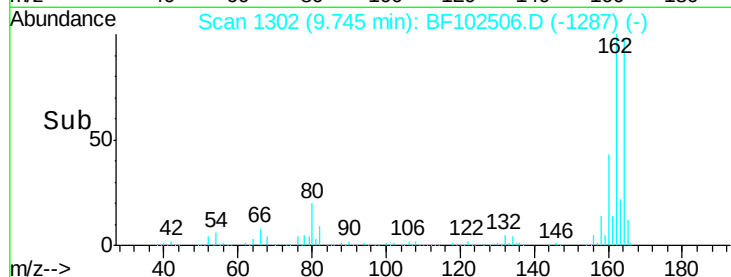
#56
 2,4-Dinitrotoluene
 Concen: 5.702 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102506.D
 Acq: 27 Jan 2018 13:17

Instrument :
 BNA_F
 ClientSampleId :
 WC3

Tgt Ion:165 Resp: 37498
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#

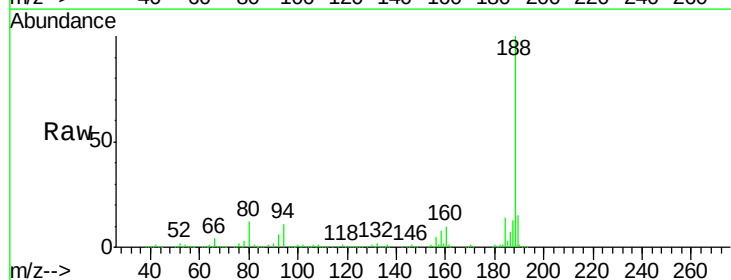


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

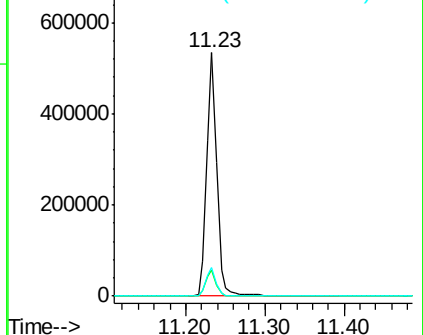
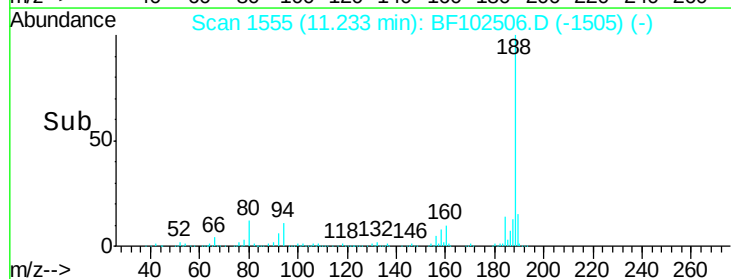


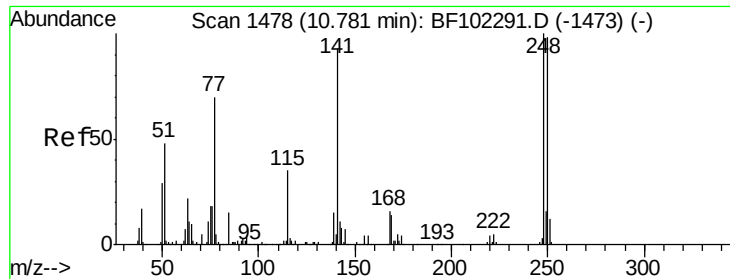
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102506.D
 Acq: 27 Jan 2018 13:17

Tgt Ion:188 Resp: 485695
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.5 12.7
 80 11.8 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

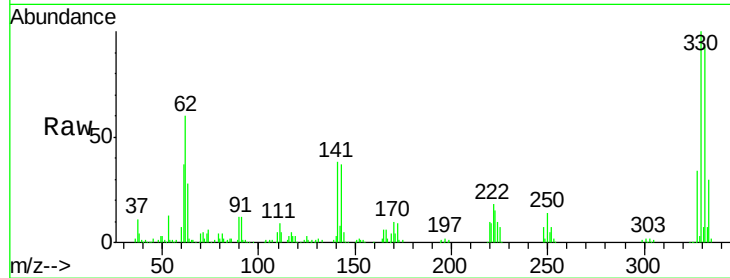




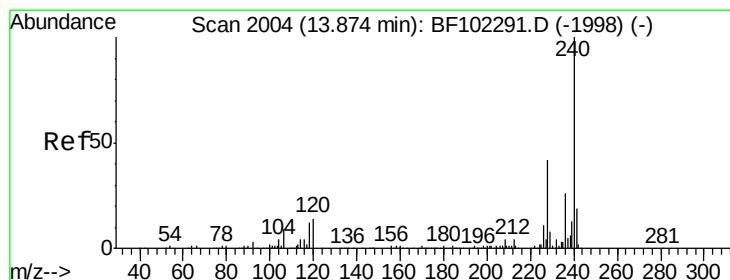
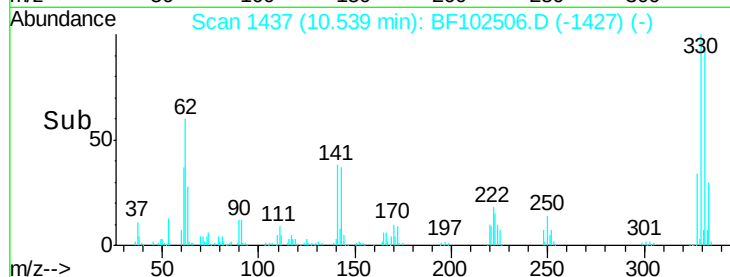
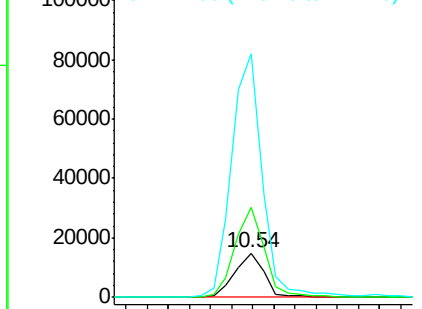
#66
 4-Bromophenyl-phenylether
 Concen: 2.770 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.24 min
 Lab File: BF102506.D
 Acq: 27 Jan 2018 13:17

Instrument :
 BNA_F
 ClientSampleId :
 WC3

Tgt Ion:248 Resp: 14481
 Ion Ratio Lower Upper
 248 100
 250 201.6 76.9 115.3#
 141 546.5 74.4 111.6#

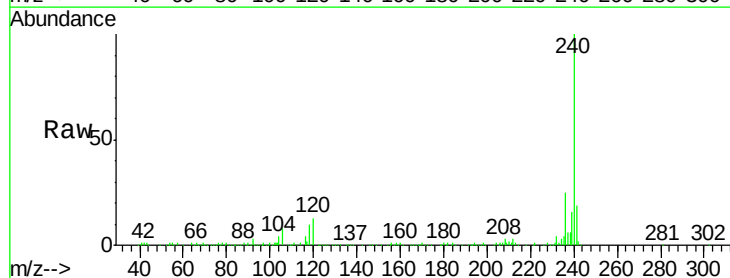


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

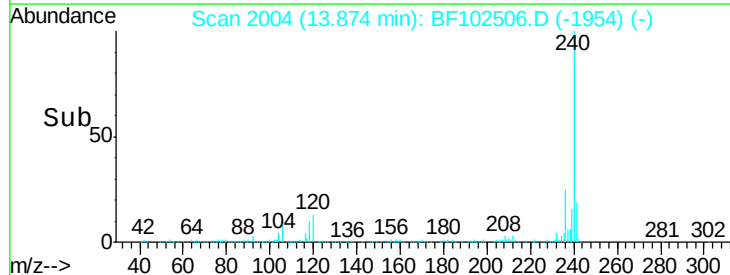
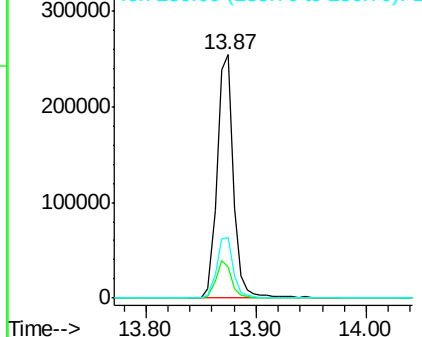


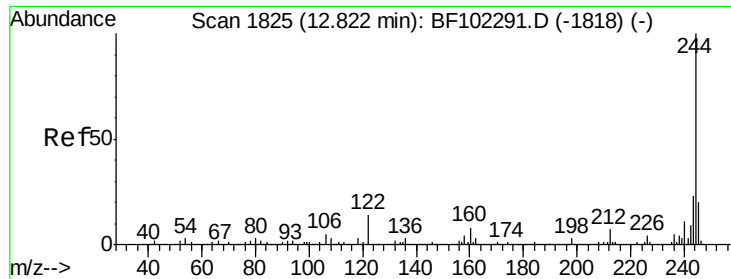
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF102506.D
 Acq: 27 Jan 2018 13:17

Tgt Ion:240 Resp: 261740
 Ion Ratio Lower Upper
 240 100
 120 12.7 9.5 14.3
 236 25.1 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

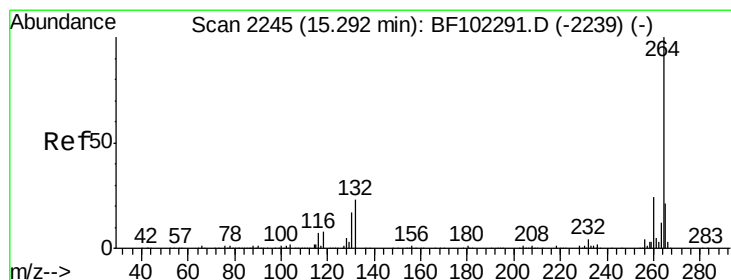
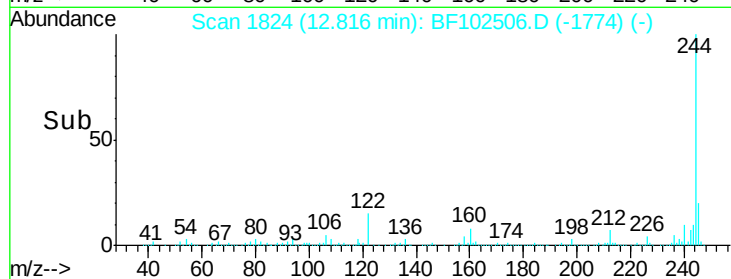
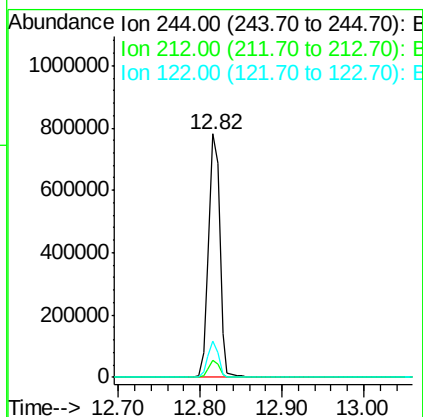
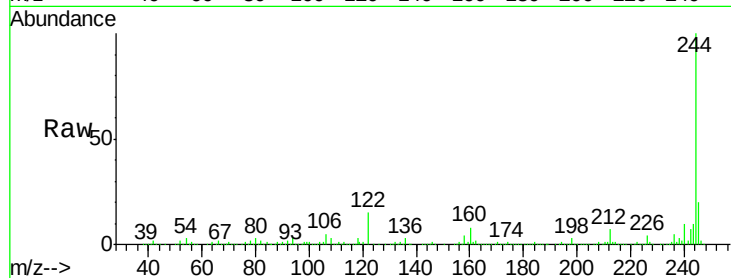




#78
 Terphenyl-d14
 Concen: 64.393 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF102506.D
 Acq: 27 Jan 2018 13:17

Instrument :
 BNA_F
 ClientSampleId :
 WC3

Tgt Ion:244 Resp: 747630
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 14.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BF102506.D
 Acq: 27 Jan 2018 13:17

Tgt Ion:264 Resp: 268312
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 22.0 17.5 26.3

