

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104700.D
 Acq On : 23 Apr 2018 11:07
 Operator : JU/SJ
 Sample : J2461-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 23 15:39:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	109361	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	419487	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	176921	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	288884	20.00	ng	0.00
75) Chrysene-d12	13.98	240	237422	20.00	ng	0.00
86) Perylene-d12	15.45	264	172658	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	567927	79.41	ng	0.00
7) Phenol-d6	6.45	99	663640	75.52	ng	0.00
23) Nitrobenzene-d5	7.37	82	408505	63.59	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	144240	78.59	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	744288	66.46	ng	0.00
78) Terphenyl-d14	12.92	244	627194	60.23	ng	0.00

Target Compounds

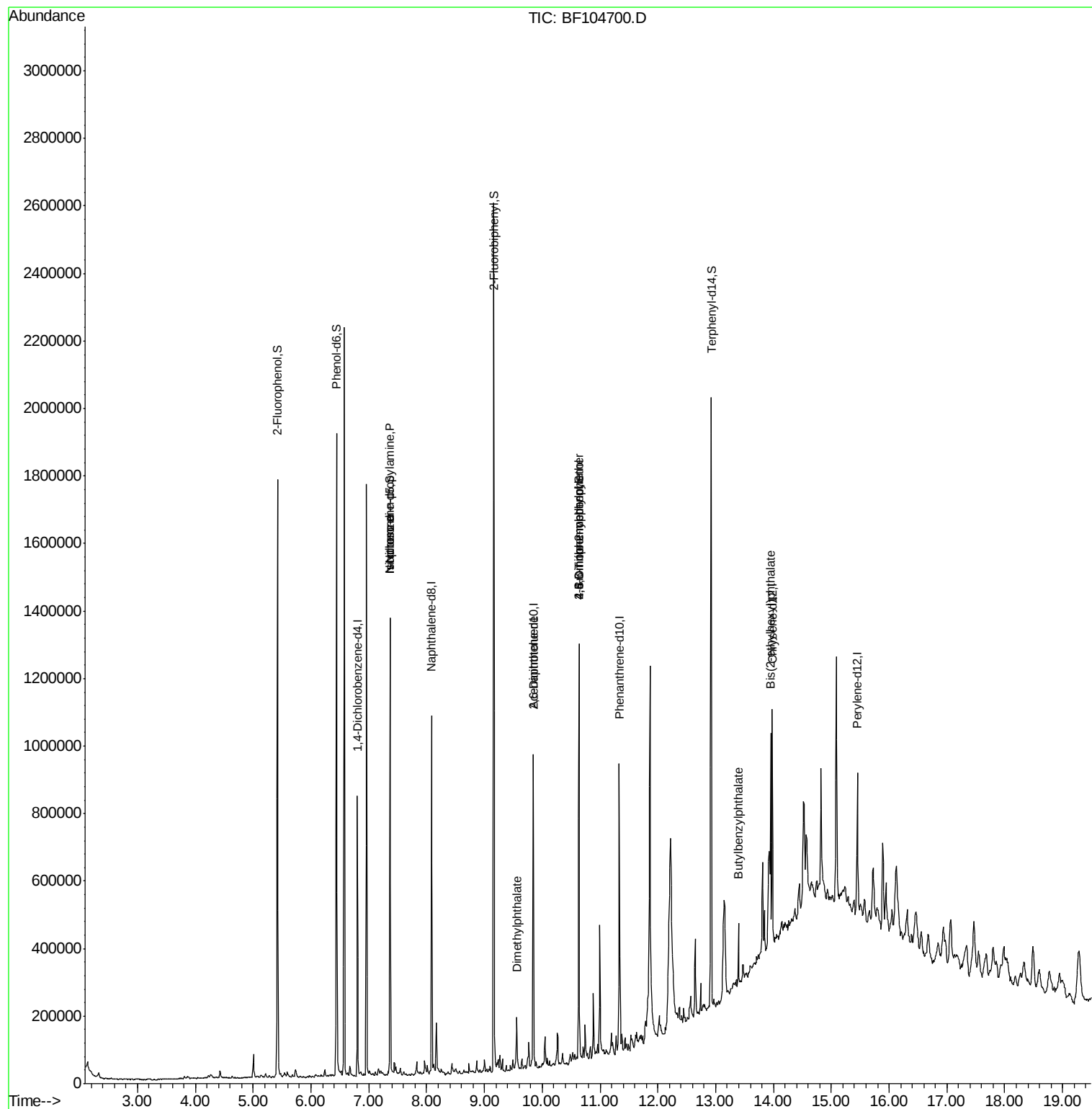
						Qvalue
9) Benzaldehyde	6.36	77	1911	Below Cal		94
19) n-Nitroso-di-n-propylamine	7.37	70	55098	9.595 ng	#	74
25) Isophorone	7.37	82	408372	30.061 ng	#	64
49) Dimethylphthalate	9.56	163	51751	3.709 ng		98
50) 2,6-Dinitrotoluene	9.85	165	22371	8.666 ng	#	26
64) 4,6-Dinitro-2-methylphenol	10.63	198	305	7.531 ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	9018	2.935 ng	#	1
76) Benzydine	12.66	184	265	Below Cal	#	1
79) Butylbenzylphthalate	13.39	149	37494	4.522 ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	171287	16.062 ng		99

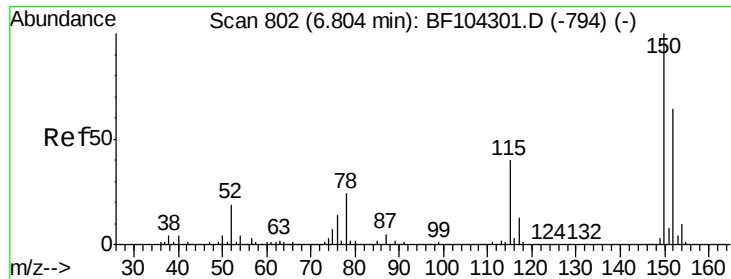
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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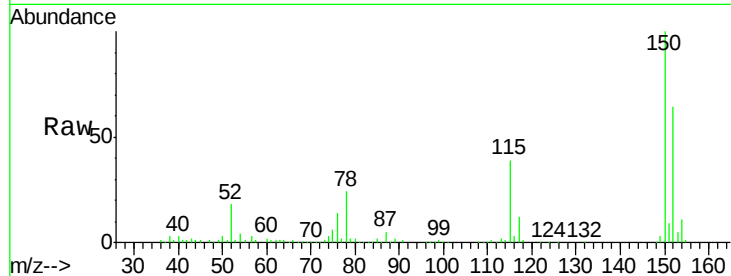


#1

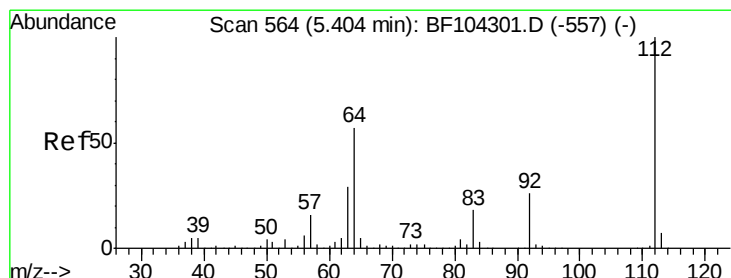
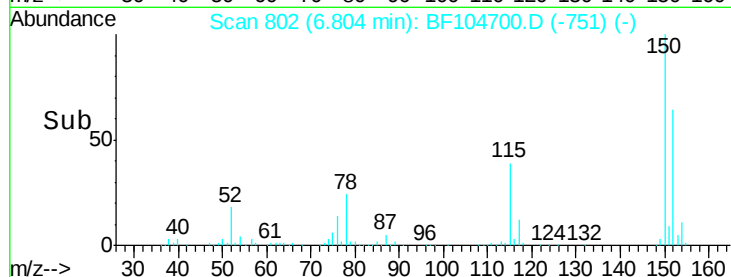
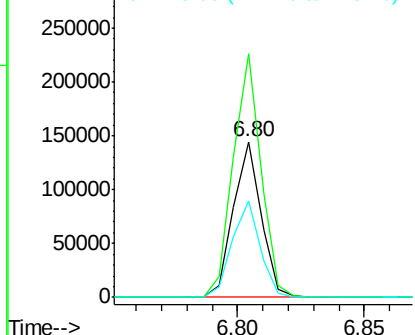
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 109361
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 61.7 50.1 75.1



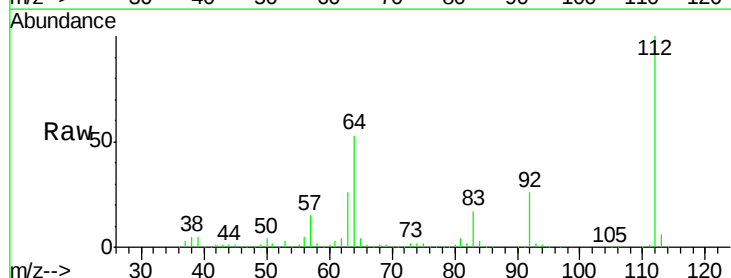
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



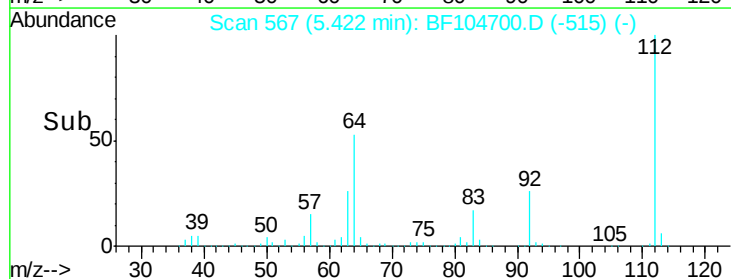
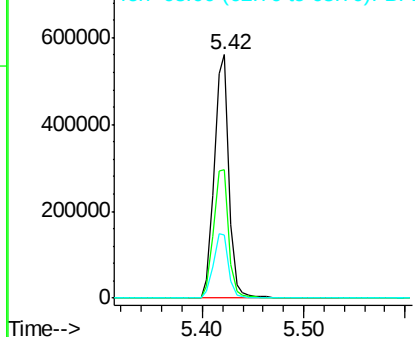
#5

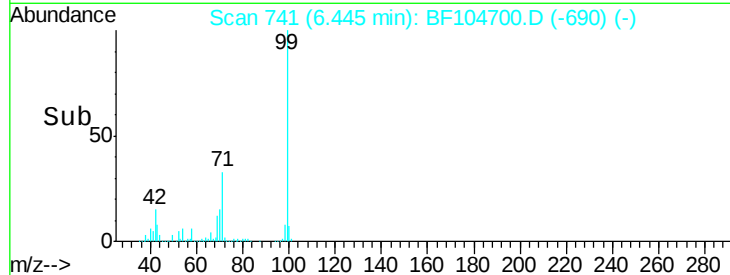
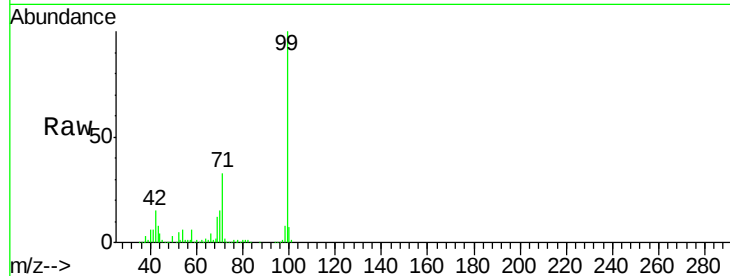
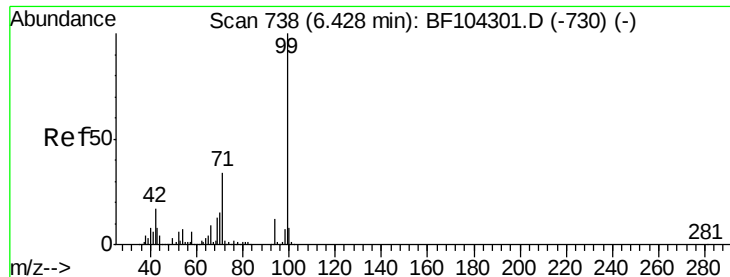
2-Fluorophenol
Concen: 79.406 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Tgt Ion:112 Resp: 567927
Ion Ratio Lower Upper
112 100
64 52.8 47.9 71.9
63 26.0 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: 75.519 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104700.D

Acq: 23 Apr 2018 11:07

Instrument :

BNA_F

ClientSampled :

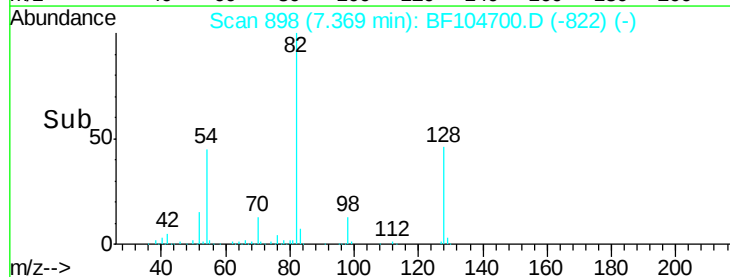
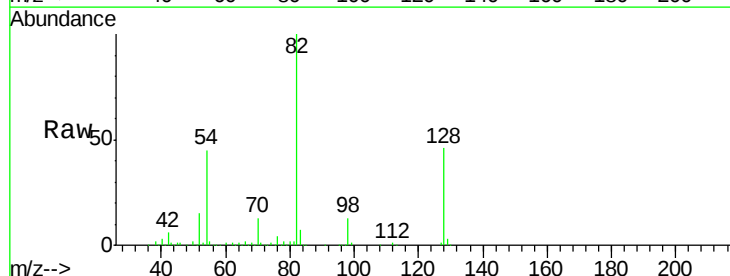
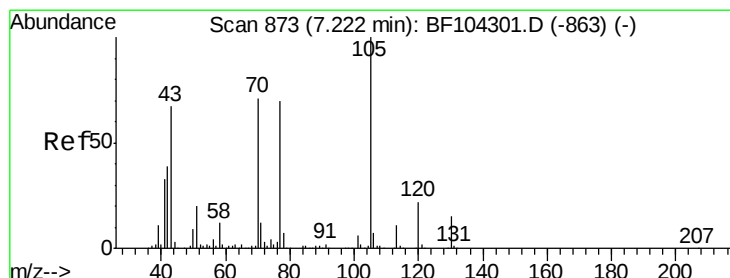
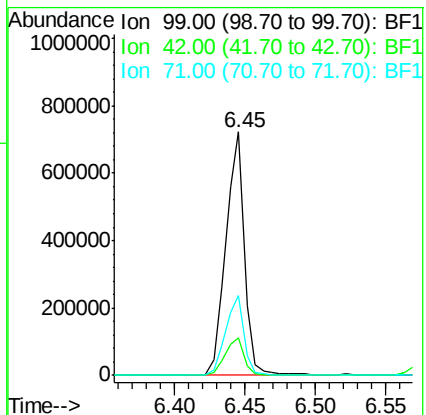
Tot Ion: 99 Resp: 663640

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

71 32.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 9.595 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104700.D

Acq: 23 Apr 2018 11:07

Tgt Ion: 70 Resp: 55098

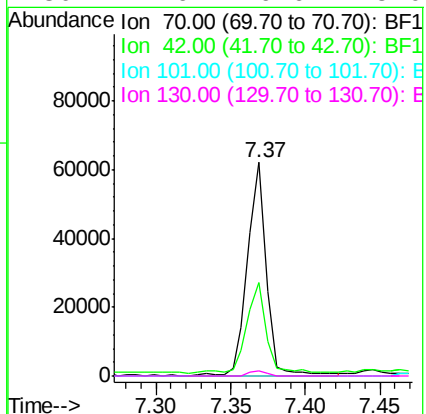
Ion Ratio Lower Upper

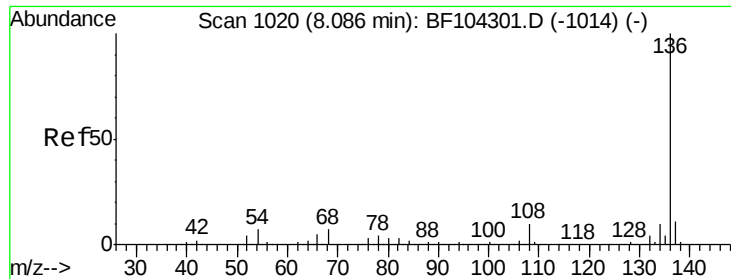
70 100

42 43.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

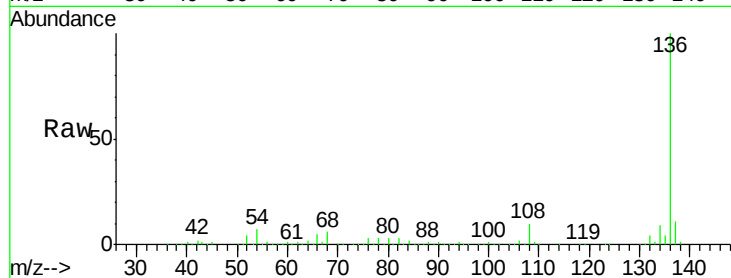




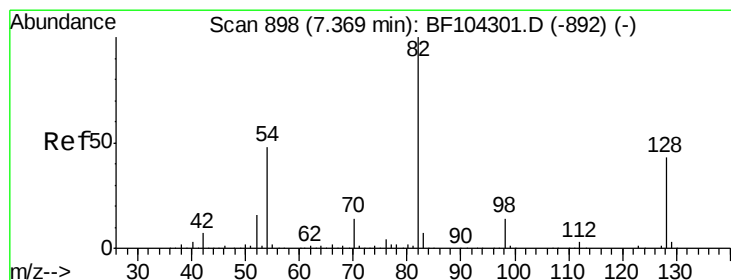
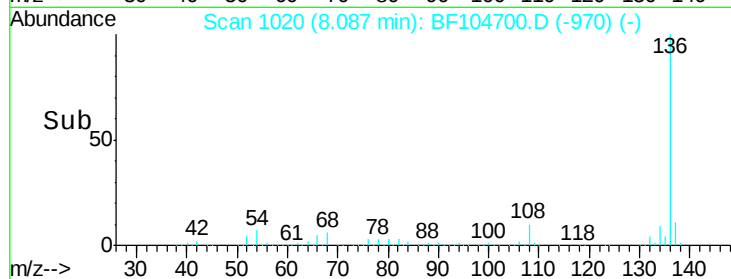
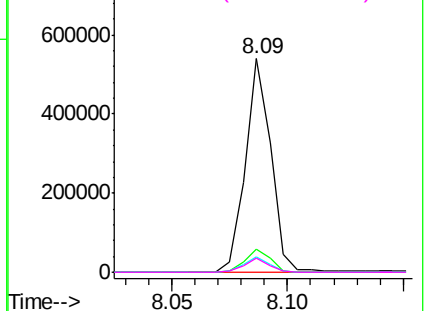
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	419487
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	7.0	6.6 9.8
68	6.3	5.0 7.4

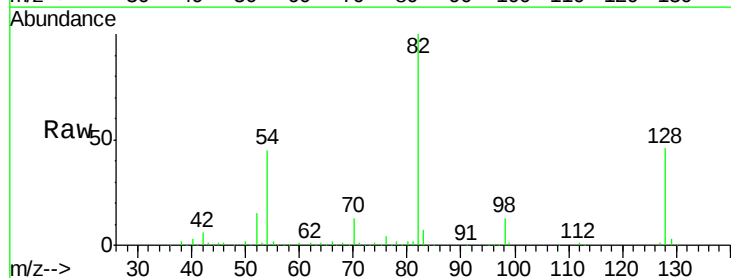


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

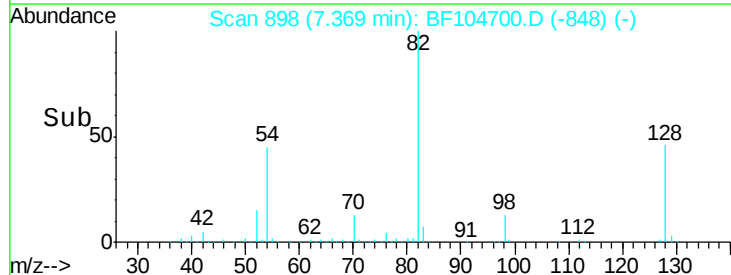
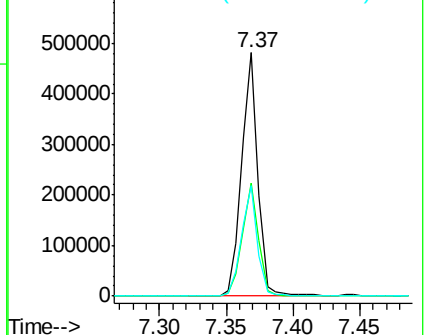


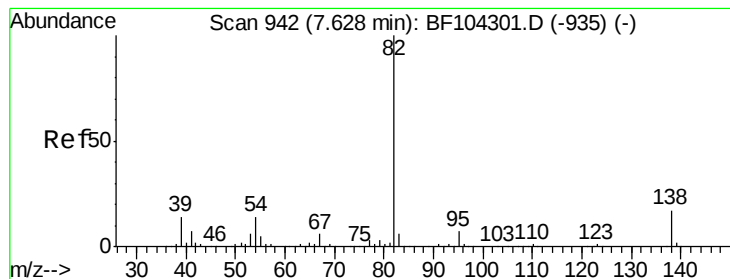
#23
Nitrobenzene-d5
Concen: 63.589 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Tgt Ion: 82	Resp:	408505
Ion Ratio	Lower	Upper
82	100	
128	46.4	36.1 54.1
54	45.3	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: 30.061 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104700.D

Acq: 23 Apr 2018 11:07

Instrument :

BNA_F

ClientSampleId :

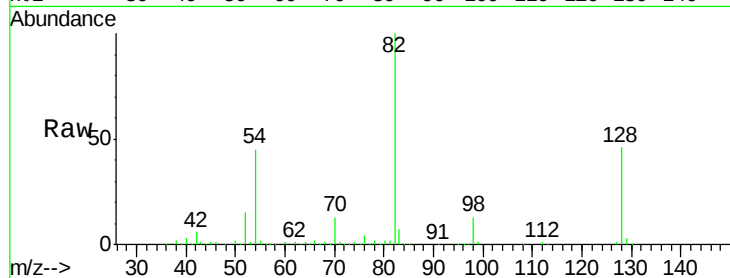
Tot Ion: 82 Resp: 408372

Ion Ratio Lower Upper

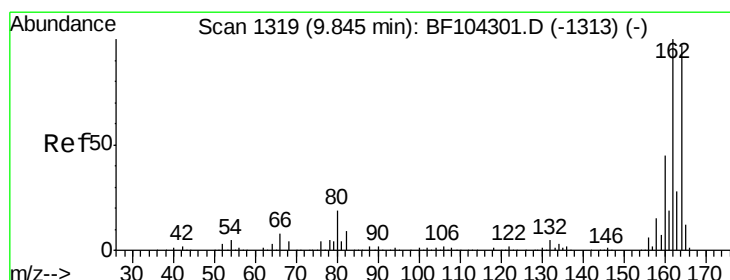
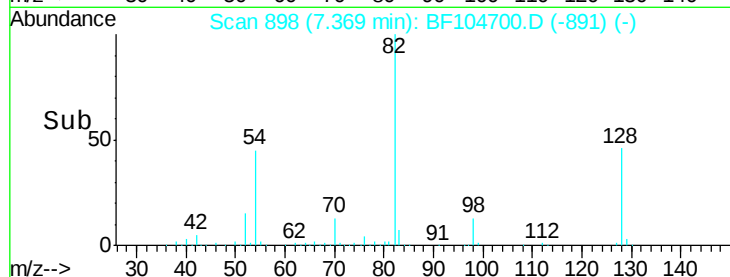
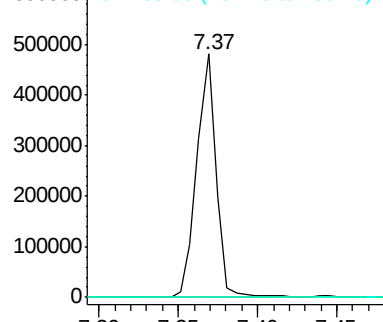
82 100

95 0.1 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: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF104700.D

Acq: 23 Apr 2018 11:07

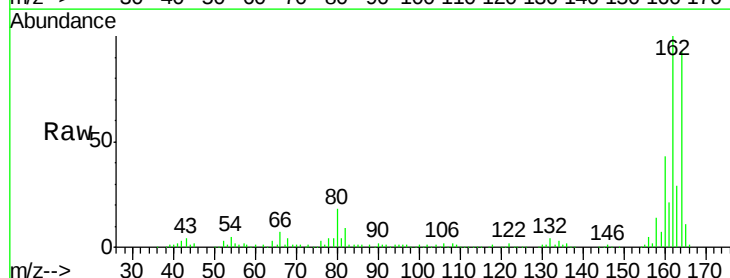
Tgt Ion: 164 Resp: 176921

Ion Ratio Lower Upper

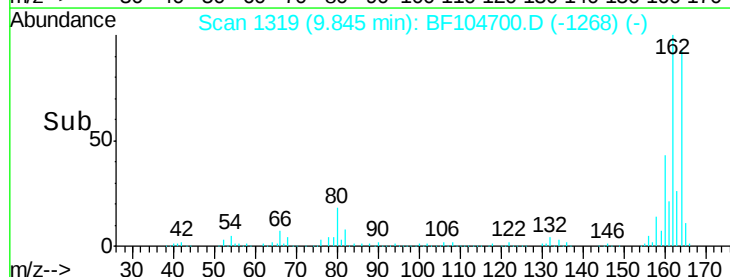
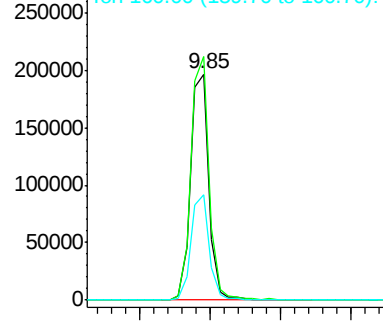
164 100

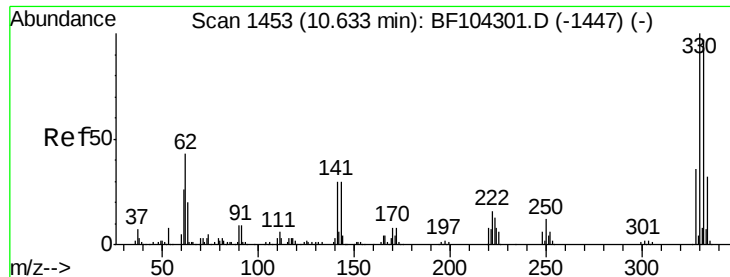
162 107.7 86.1 129.1

160 46.3 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: 78.594 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF104700.D

Acq: 23 Apr 2018 11:07

Instrument :

BNA_F

ClientSampled :

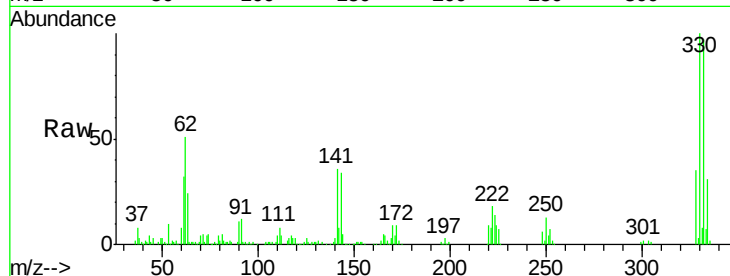
Tot Ion:330 Resp: 144240

Ion Ratio Lower Upper

330 100

332 98.2 77.0 115.6

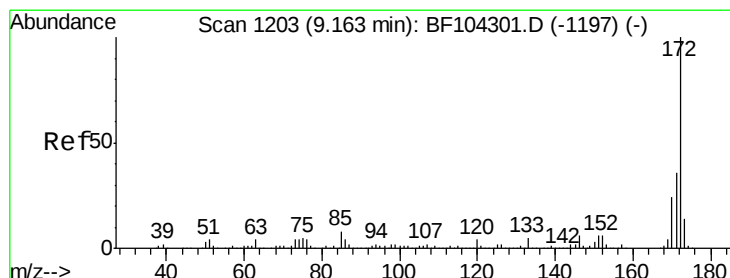
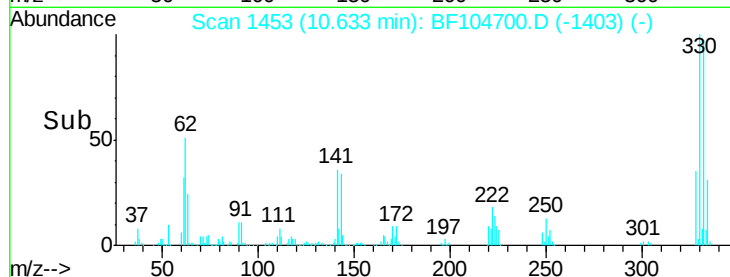
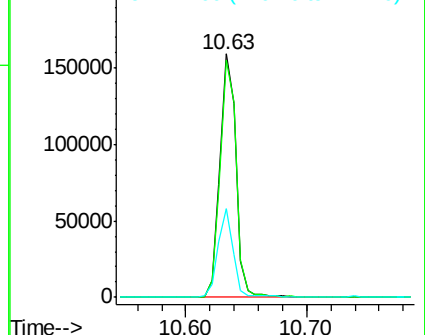
141 34.7 29.9 44.9



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: 66.458 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF104700.D

Acq: 23 Apr 2018 11:07

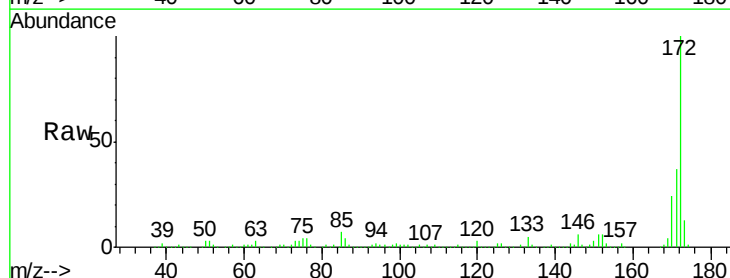
Tgt Ion:172 Resp: 744288

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

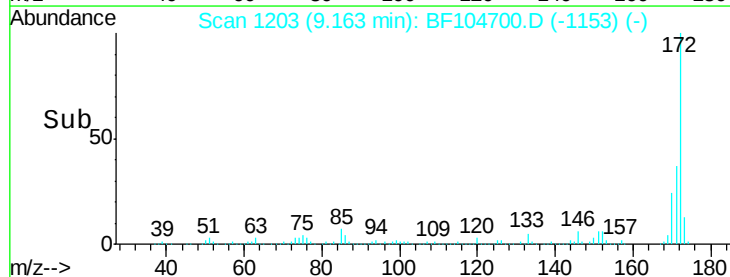
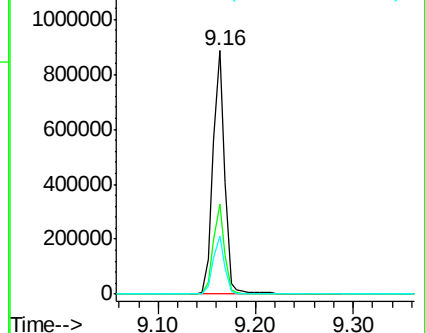
170 23.8 19.6 29.4

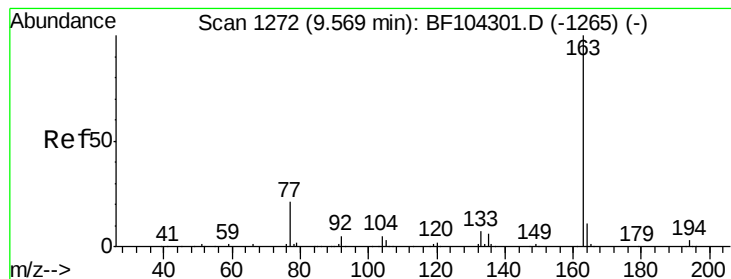


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.709 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF104700.D

Acq: 23 Apr 2018 11:07

Instrument :

BNA_F

ClientSampleId :

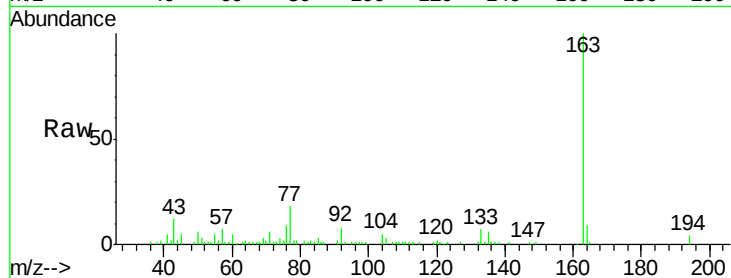
Tot Ion:163 Resp: 51751

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

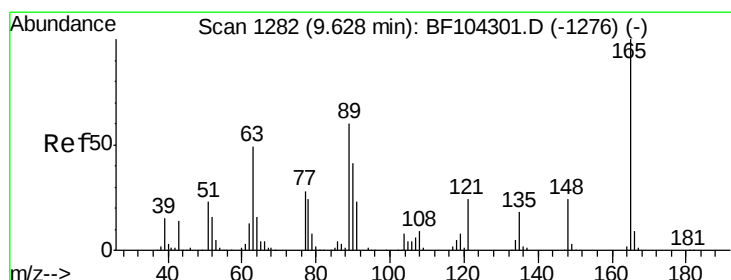
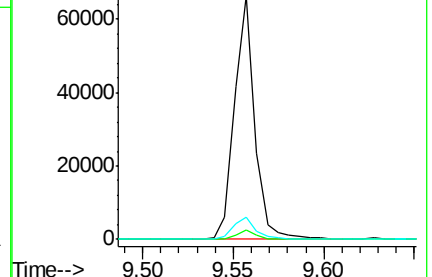
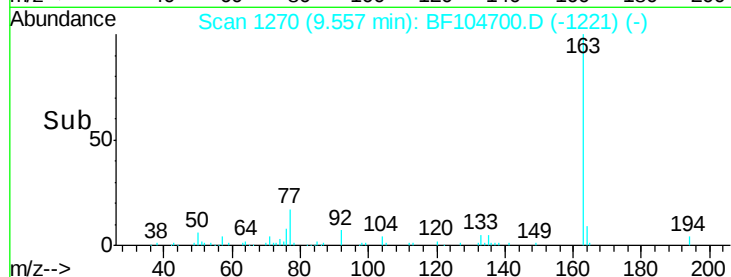
164 9.3 8.2 12.2



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: 8.666 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.21 min

Lab File: BF104700.D

Acq: 23 Apr 2018 11:07

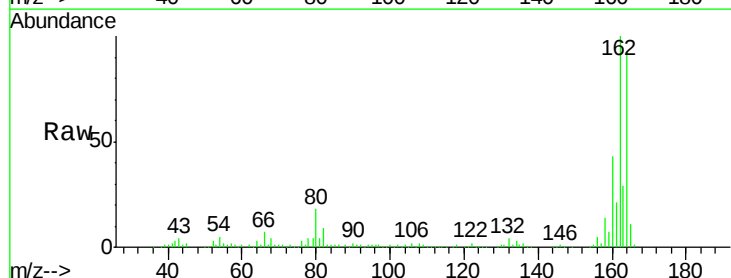
Tgt Ion:165 Resp: 22371

Ion Ratio Lower Upper

165 100

63 1.8 44.7 67.1#

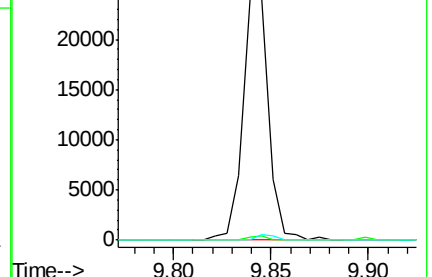
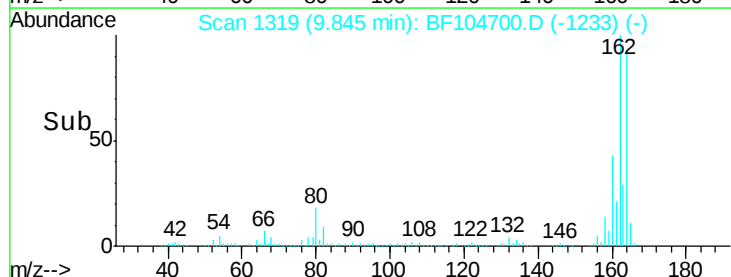
89 2.4 44.0 66.0#

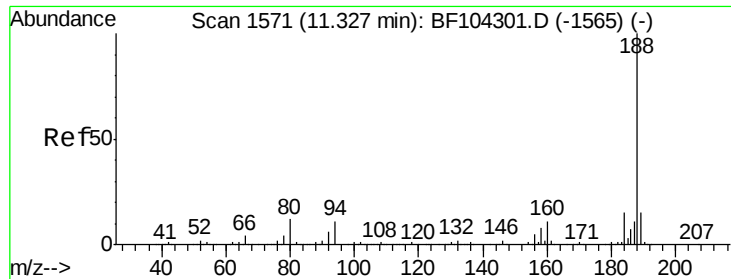


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

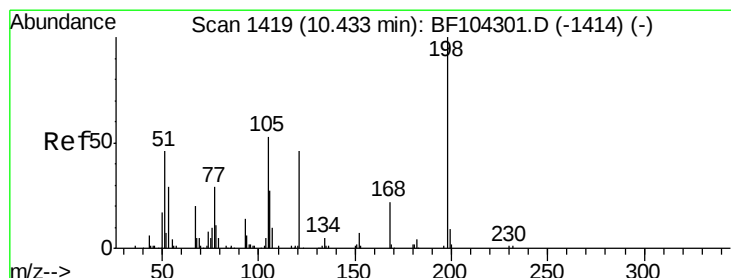
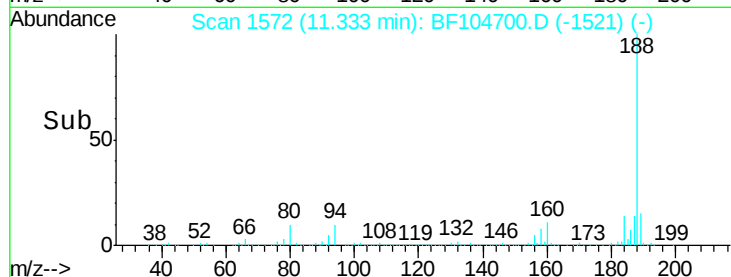
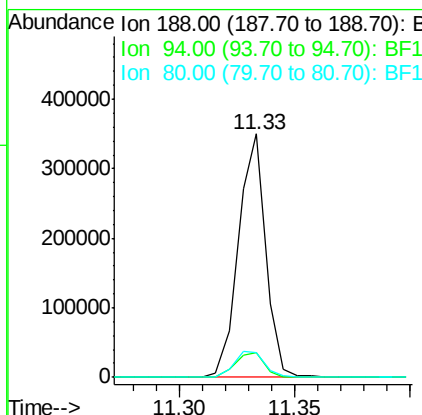
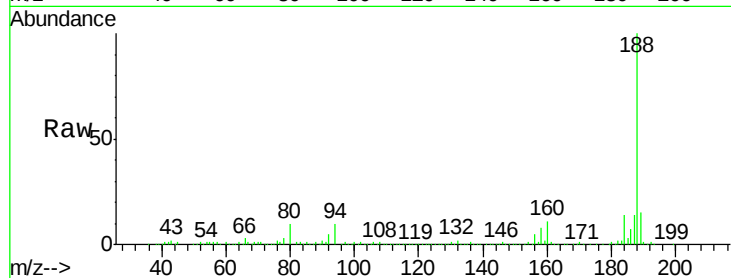




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

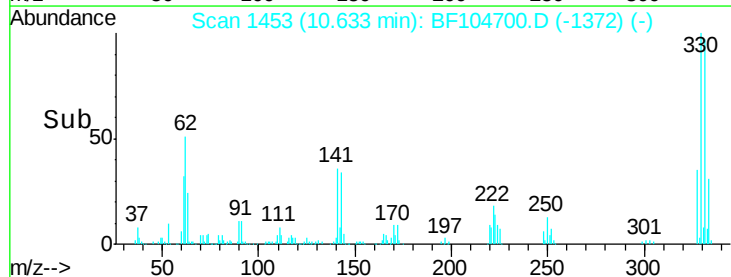
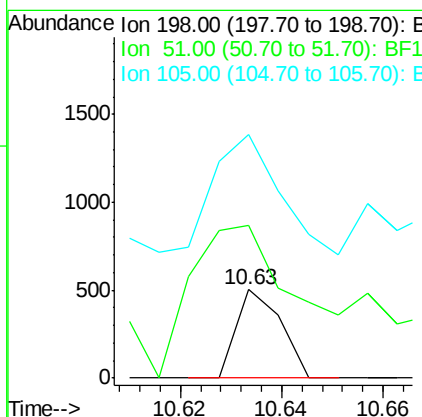
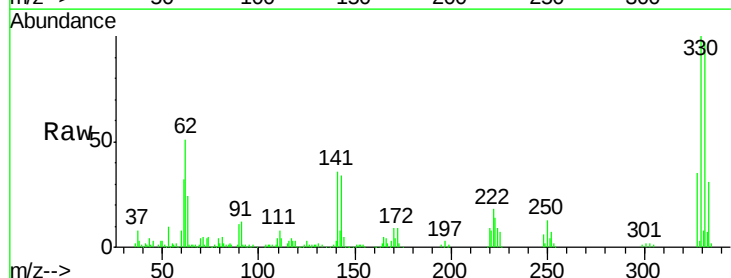
Instrument :
BNA_F
ClientSampleId :

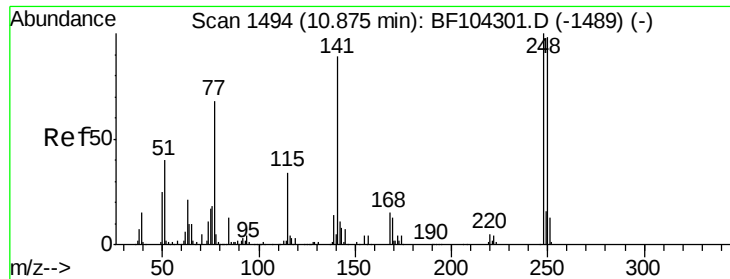
Tot Ion:188 Resp: 288884
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.531 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Tgt Ion:198 Resp: 305
Ion Ratio Lower Upper
198 100
51 173.7 37.7 77.7#
105 276.4 36.3 76.3#

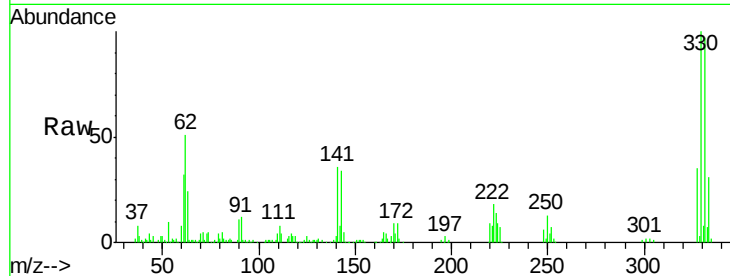




#66
4-Bromophenyl-phenylether
Concen: 2.935 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	194.3	76.9	115.3#
141	560.6	74.4	111.6#

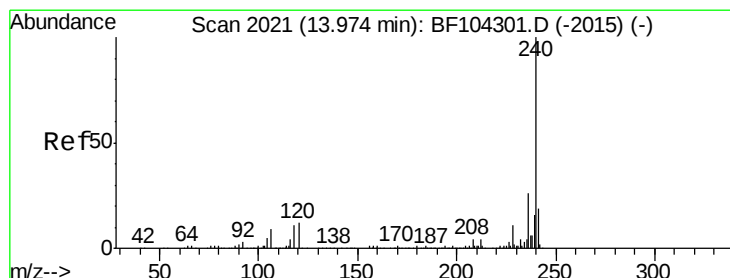
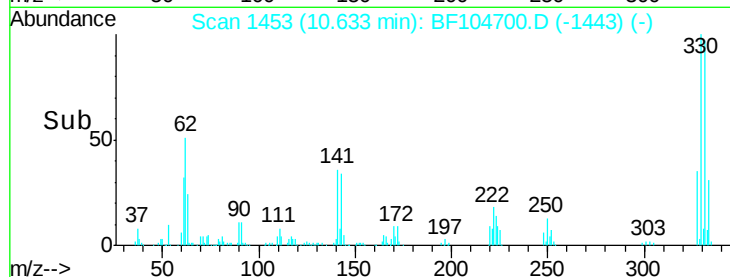
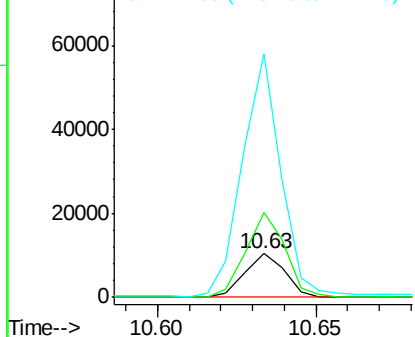


Abundance

Ion 248.00 (247.70 to 248.70): E

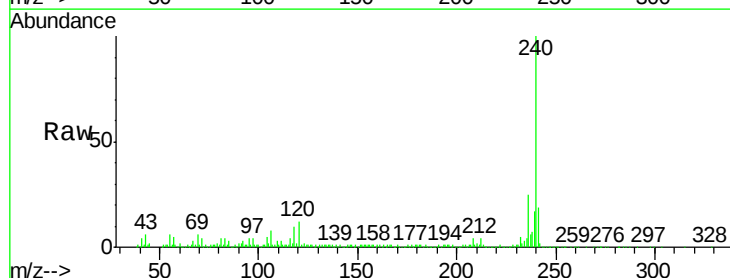
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.4	20.7	31.1

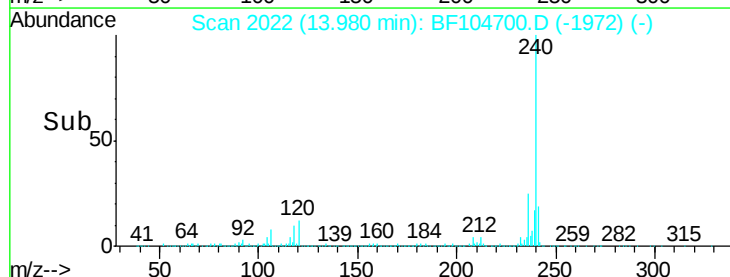
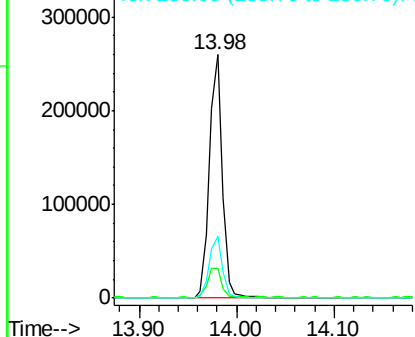


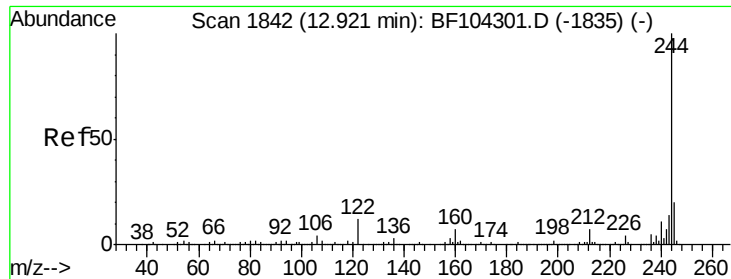
Abundance

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

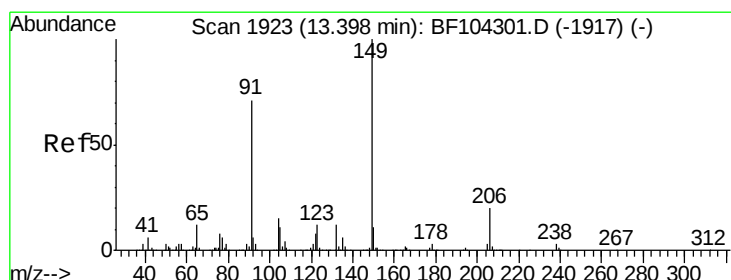
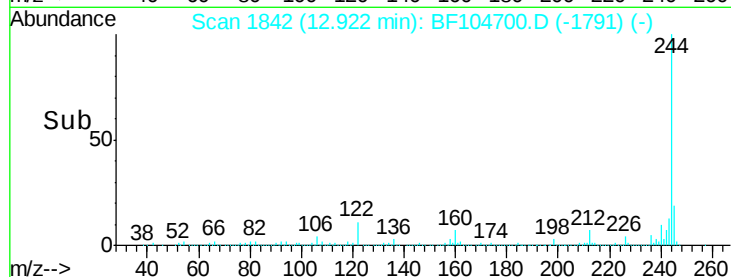
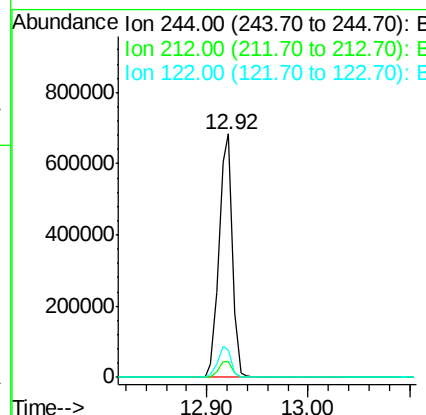
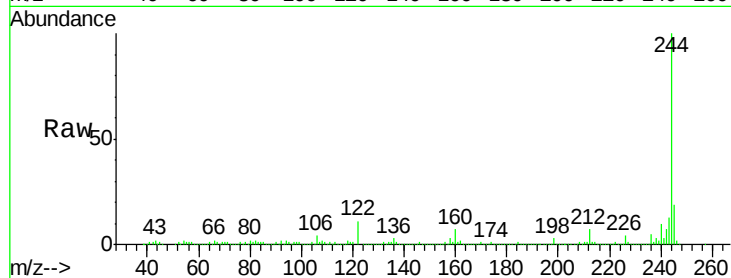




#78
 Terphenyl-d14
 Concen: 60.226 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF104700.D
 Acq: 23 Apr 2018 11:07

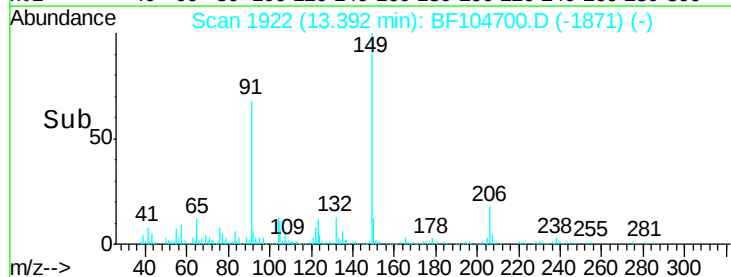
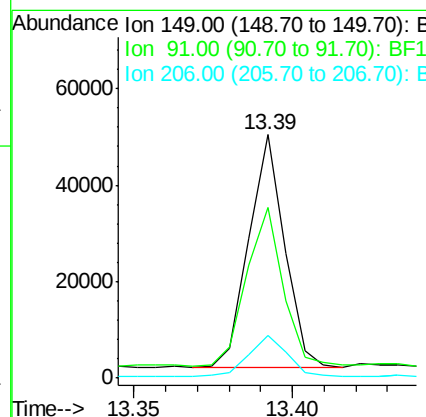
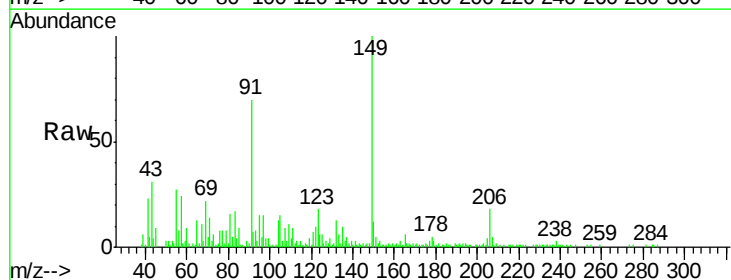
Instrument :
 BNA_F
 ClientSampleId :

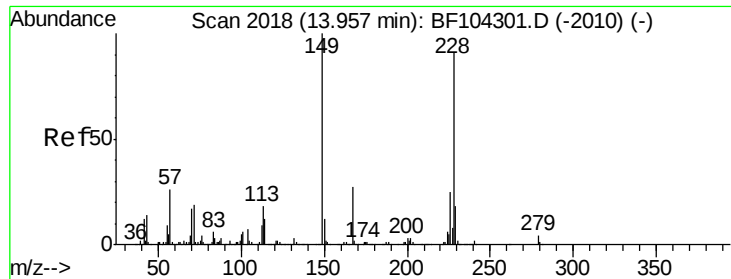
Tot Ion:244 Resp: 627194
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 11.0 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 4.522 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: BF104700.D
 Acq: 23 Apr 2018 11:07

Tgt Ion:149 Resp: 37494
 Ion Ratio Lower Upper
 149 100
 91 70.0 56.8 85.2
 206 17.5 14.1 21.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 16.062 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF104700.D

Acq: 23 Apr 2018 11:07

Instrument :

BNA_F

ClientSampleId :

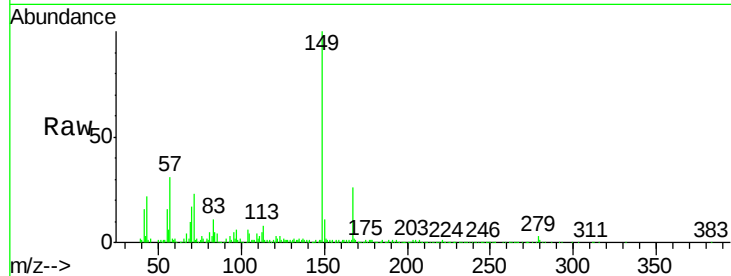
Tot Ion:149 Resp: 171287

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

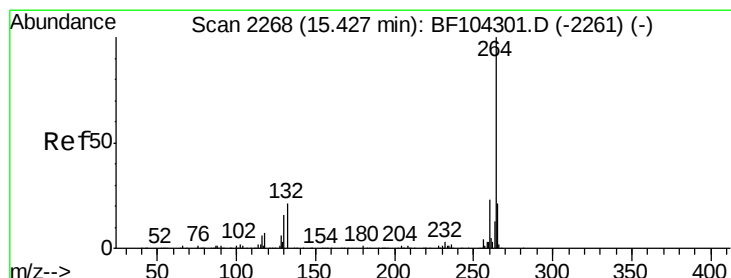
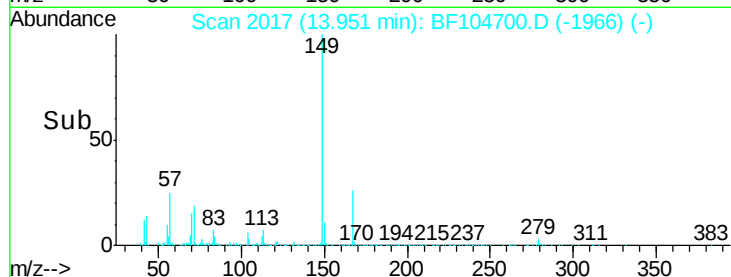
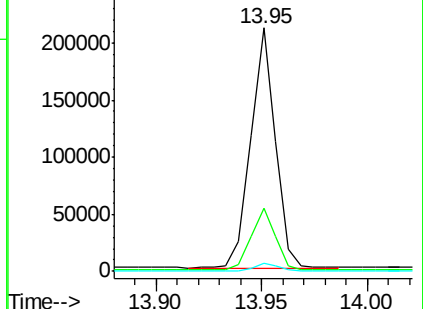
279 3.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BF104700.D

Acq: 23 Apr 2018 11:07

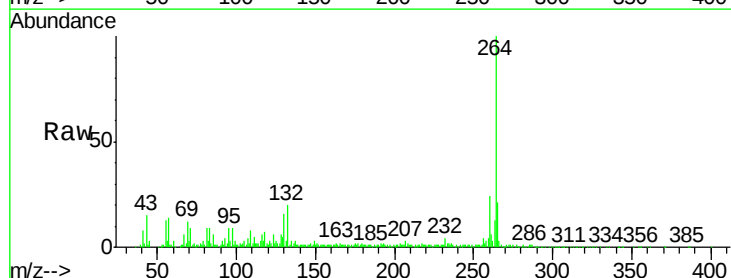
Tgt Ion:264 Resp: 172658

Ion Ratio Lower Upper

264 100

260 24.0 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

