

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104943.D
 Acq On : 30 Apr 2018 19:54
 Operator : JU/SJ
 Sample : J2613-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 04:36:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	119089	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	486269	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	216982	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	353547	20.00	ng	0.00
75) Chrysene-d12	13.97	240	232350	20.00	ng	0.00
86) Perylene-d12	15.43	264	207510	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	883489	113.44	ng	0.01
7) Phenol-d6	6.44	99	1074521	112.29	ng	0.00
23) Nitrobenzene-d5	7.36	82	663118	89.05	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	250002	111.07	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1082588	78.82	ng	0.00
78) Terphenyl-d14	12.91	244	824774	80.93	ng	0.00

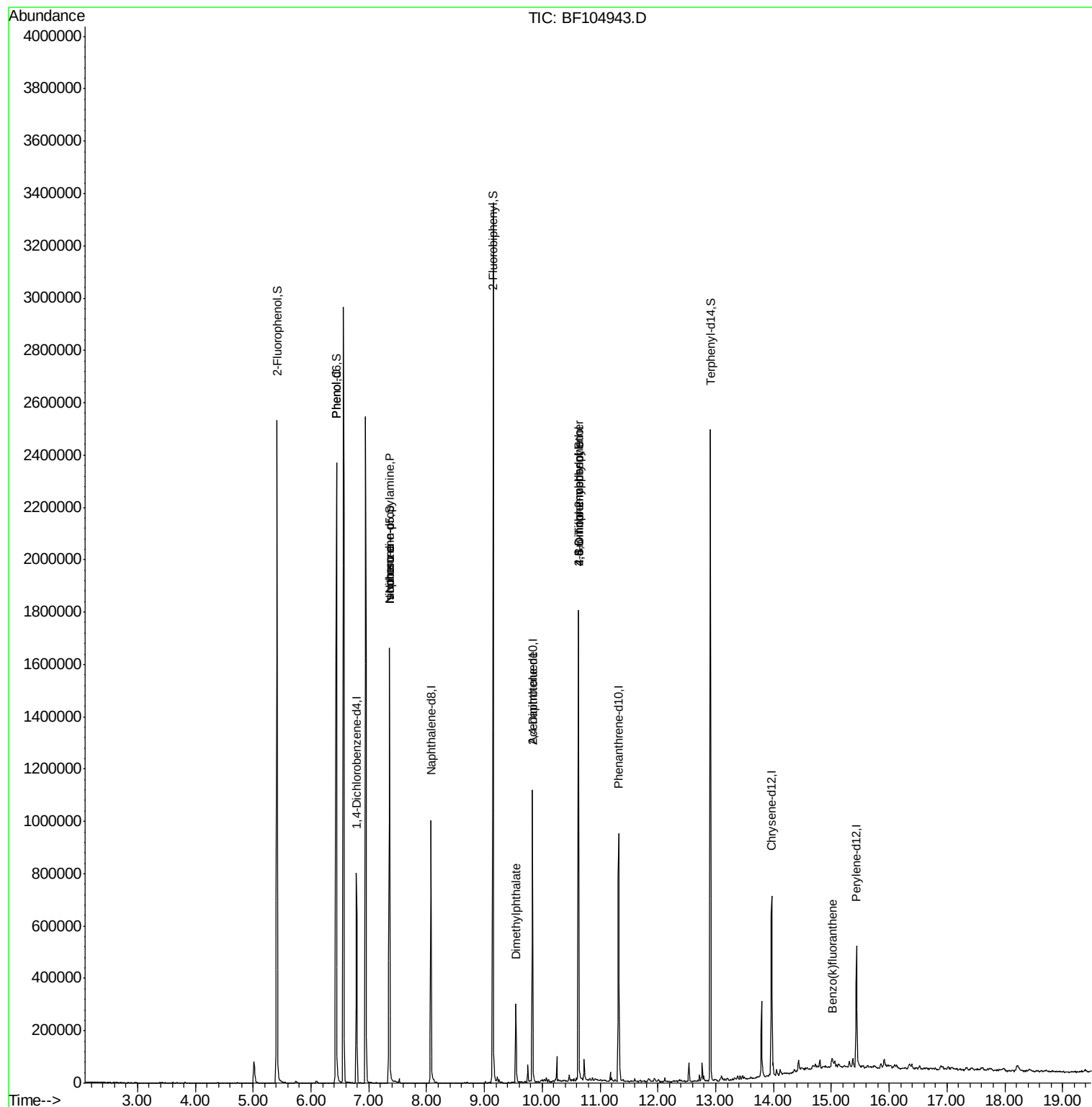
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.45	94	24795	2.44	ng	91
19) n-Nitroso-di-n-propylamine	7.36	70	86893	13.90	ng	# 71
25) Isophorone	7.36	82	663113	42.11	ng	# 64
49) Dimethylphthalate	9.55	163	129719	7.58	ng	98
56) 2,4-Dinitrotoluene	9.83	165	27811	6.70	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.62	198	369	7.53	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	15155	4.03	ng	# 1
76) Benzidine	12.91	184	10681	Below Cal		# 93
88) Benzo(k)fluoranthene	15.02	252	26059	2.11	ng	# 95

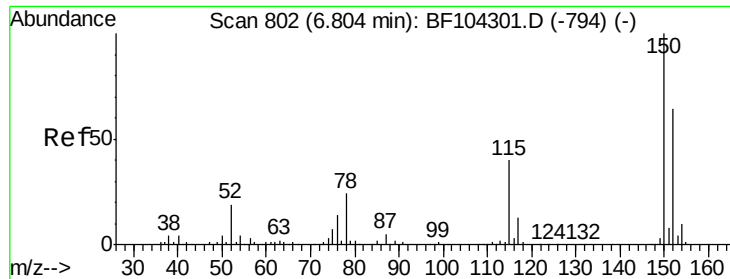
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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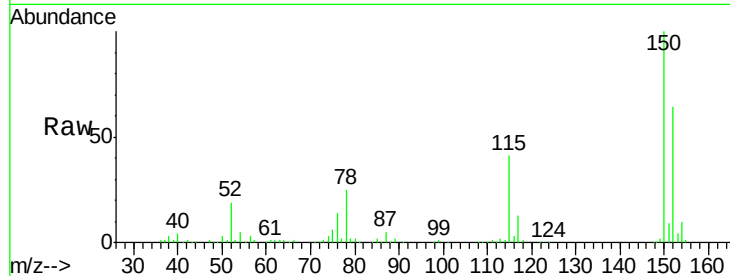


#1

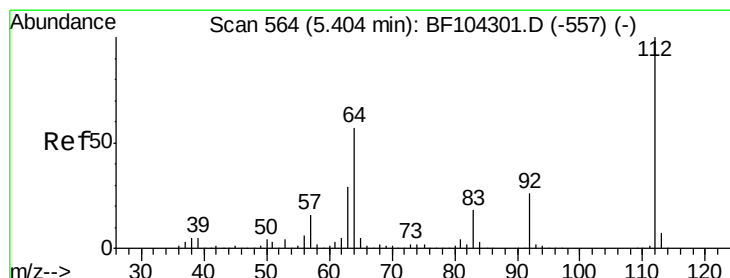
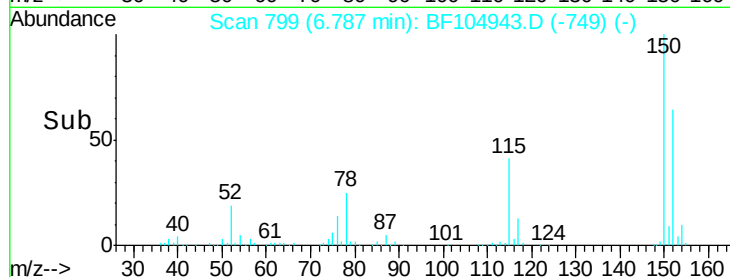
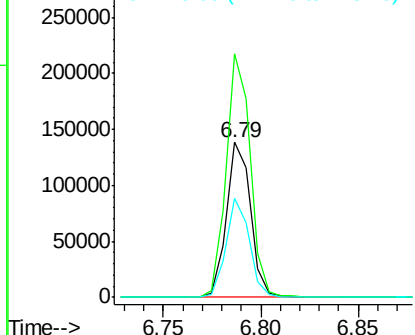
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104943.D
Acq: 30 Apr 2018 19:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 119089
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 63.9 50.1 75.1



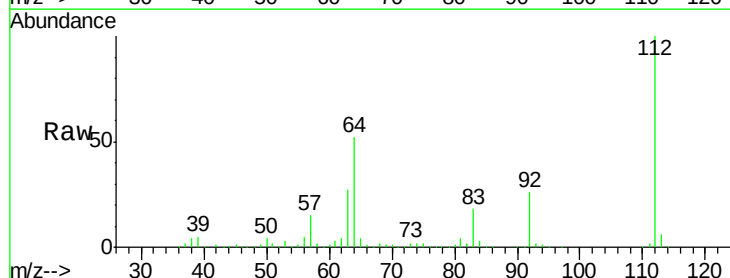
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



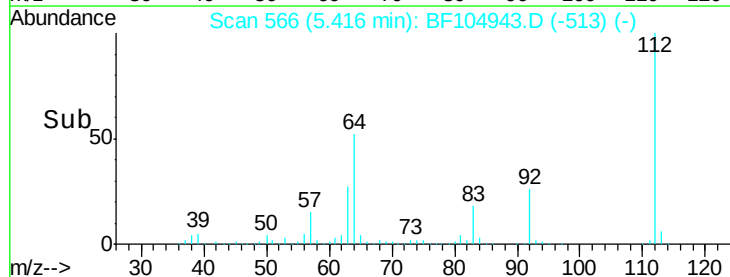
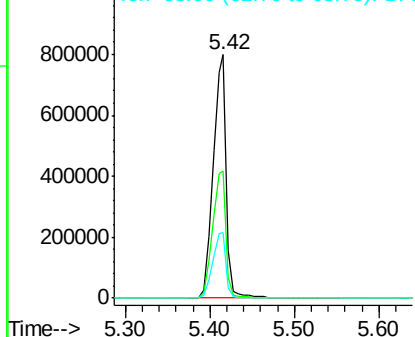
#5

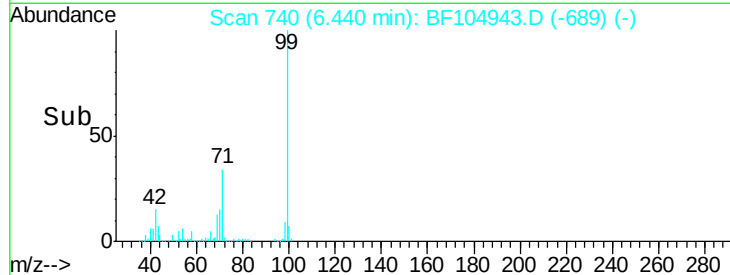
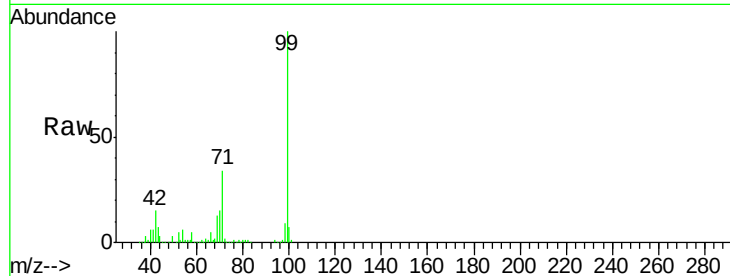
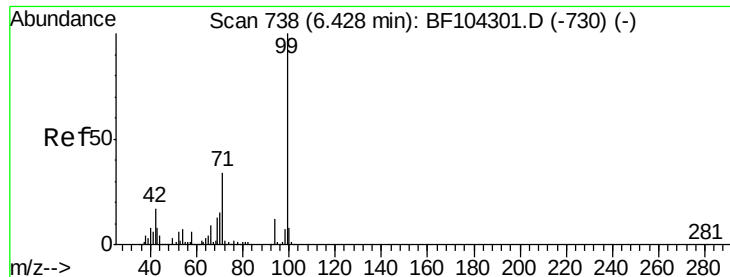
2-Fluorophenol
Concen: 113.44 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104943.D
Acq: 30 Apr 2018 19:54

Tgt Ion:112 Resp: 883489
Ion Ratio Lower Upper
112 100
64 52.5 47.9 71.9
63 26.8 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: 112.29 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF104943.D

Acq: 30 Apr 2018 19:54

Instrument :

BNA_F

ClientSampled :

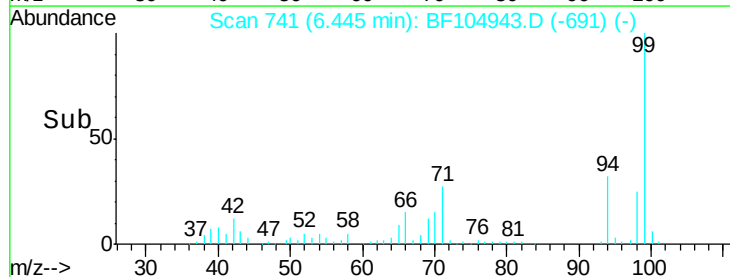
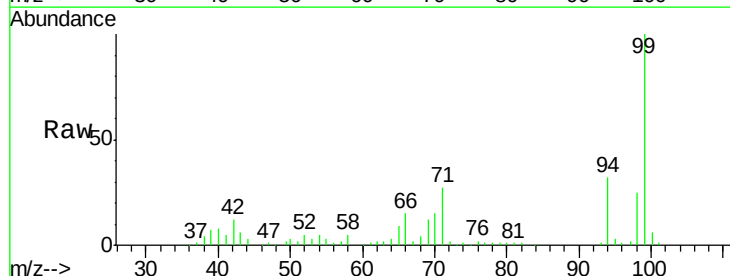
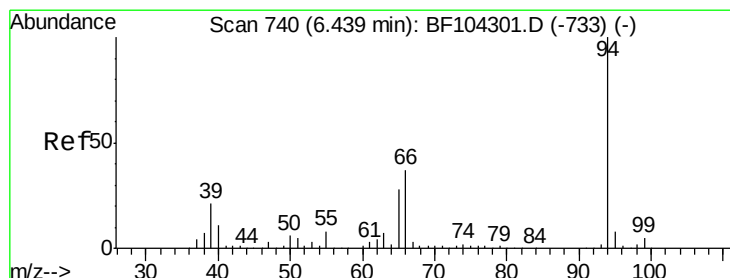
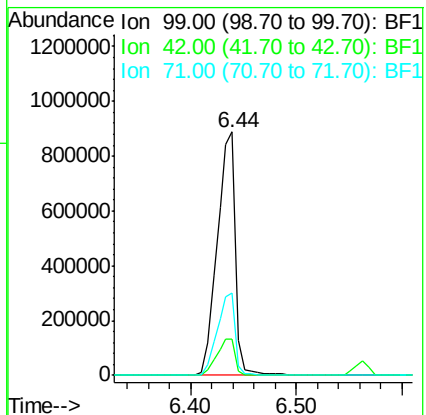
Tot Ion: 99 Resp: 1074521

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

71 33.6 25.4 38.0



#10

Phenol

Concen: 2.44 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF104943.D

Acq: 30 Apr 2018 19:54

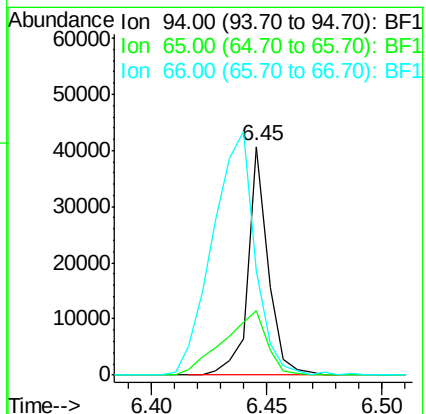
Tgt Ion: 94 Resp: 24795

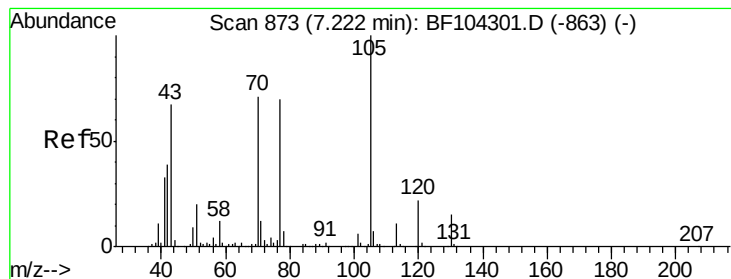
Ion Ratio Lower Upper

94 100

65 28.4 7.9 47.9

66 45.5 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 13.90 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF104943.D

Acq: 30 Apr 2018 19:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 86893

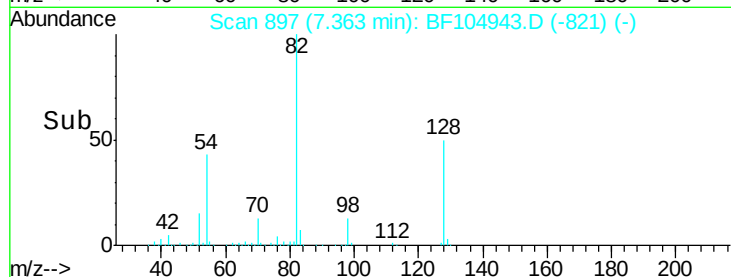
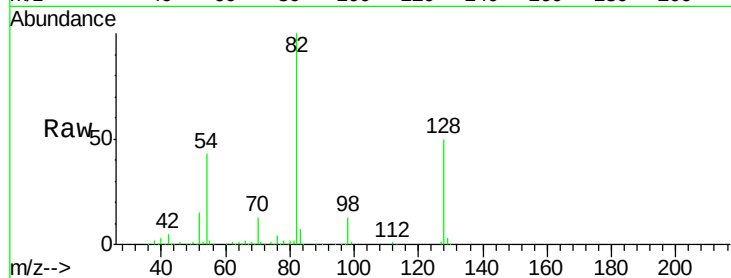
Ion Ratio Lower Upper

70 100

42 39.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#



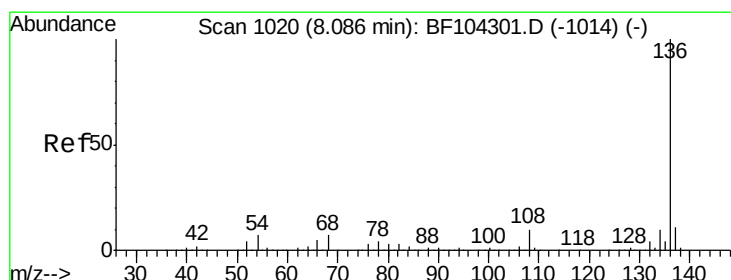
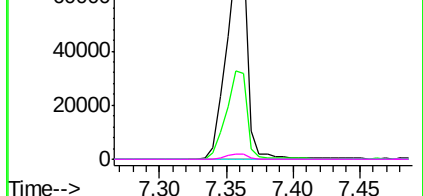
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF104943.D

Acq: 30 Apr 2018 19:54

Tgt Ion: 136 Resp: 486269

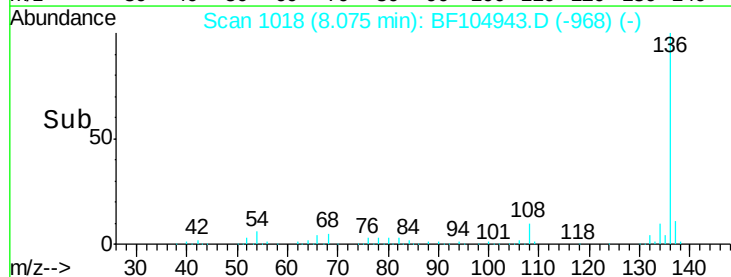
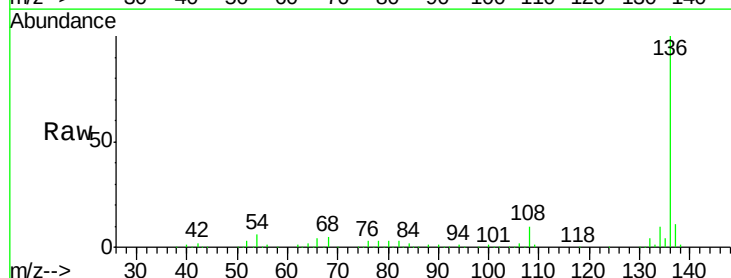
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.1 6.6 9.8#

68 5.2 5.0 7.4



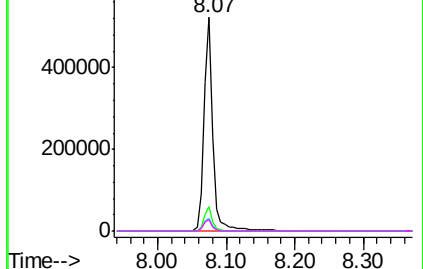
Abundance Ion 136.00 (135.70 to 136.70): BF1

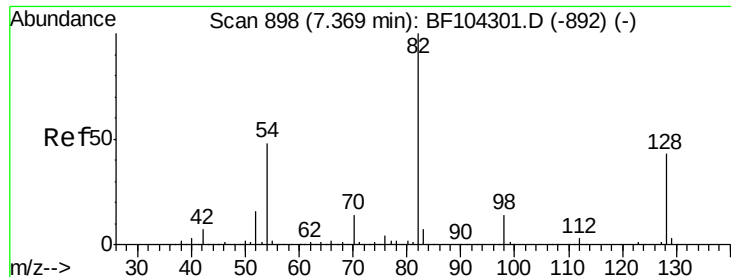
Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

Time-->

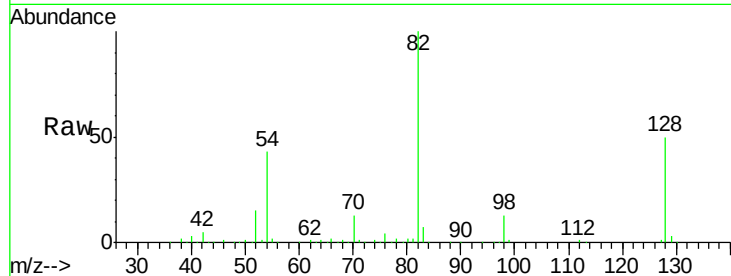




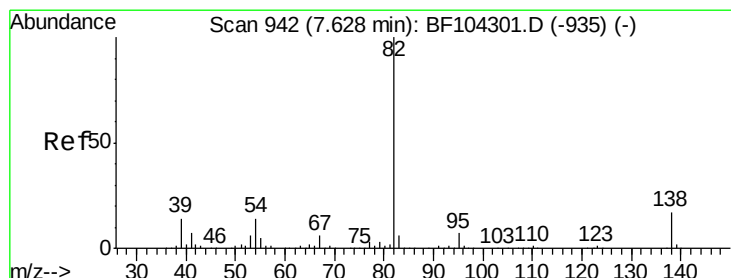
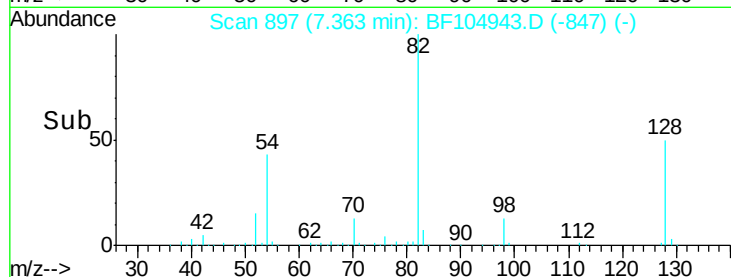
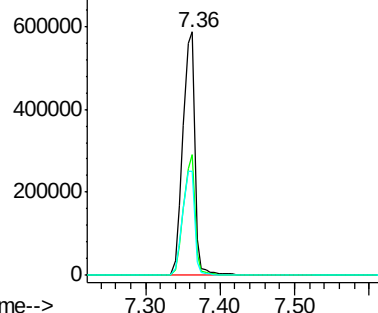
#23
 Nitrobenzene-d5
 Concen: 89.05 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104943.D
 Acq: 30 Apr 2018 19:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	663118
Ion Ratio	100	Lower	Upper
128	49.7	36.1	54.1
54	42.9	41.4	62.2

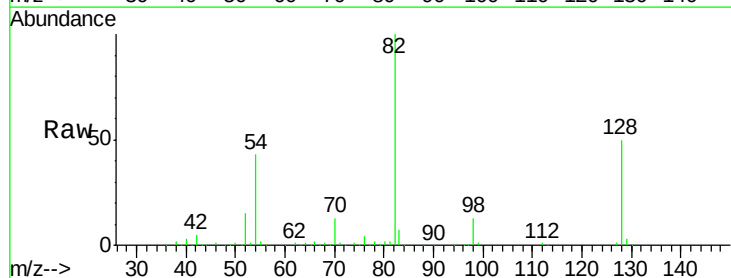


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

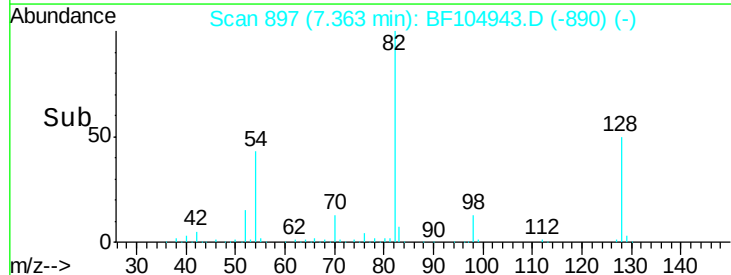
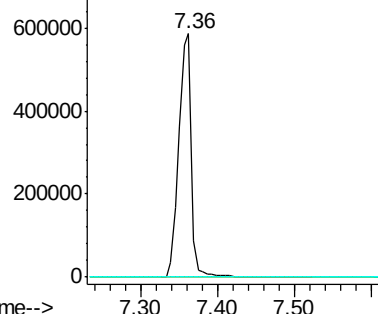


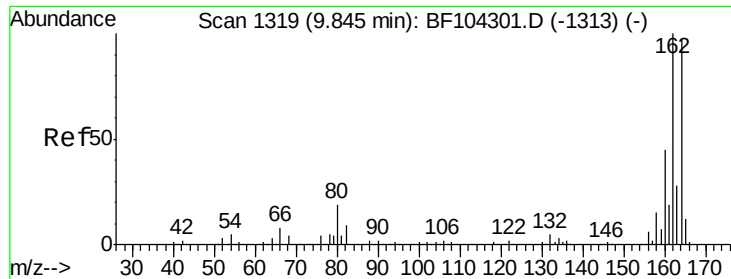
#25
 Isophorone
 Concen: 42.11 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.26 min
 Lab File: BF104943.D
 Acq: 30 Apr 2018 19:54

Tgt Ion	82	Resp	663113
Ion Ratio	100	Lower	Upper
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

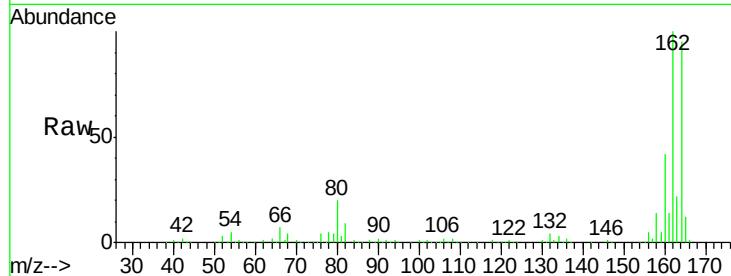




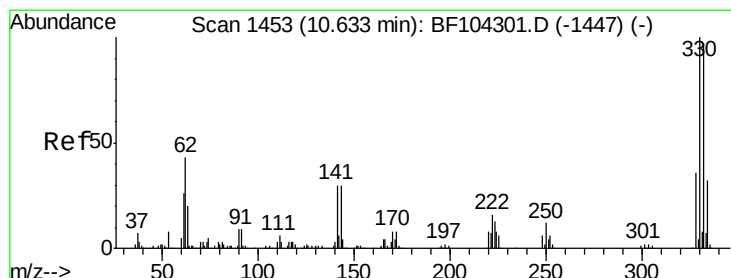
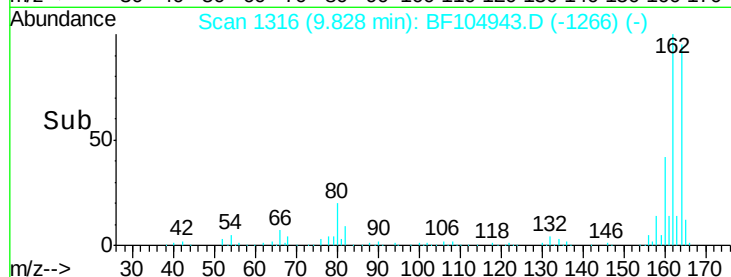
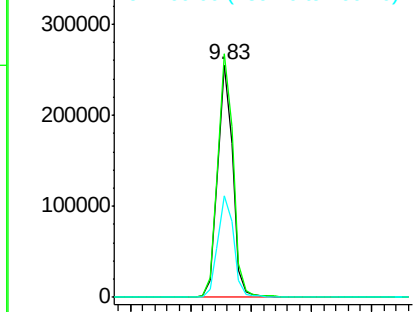
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF104943.D
 Acq: 30 Apr 2018 19:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 216982
 Ion Ratio Lower Upper
 164 100
 162 104.8 86.1 129.1
 160 43.8 38.3 57.5

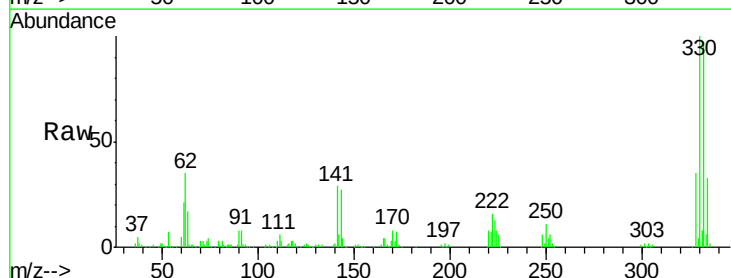


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

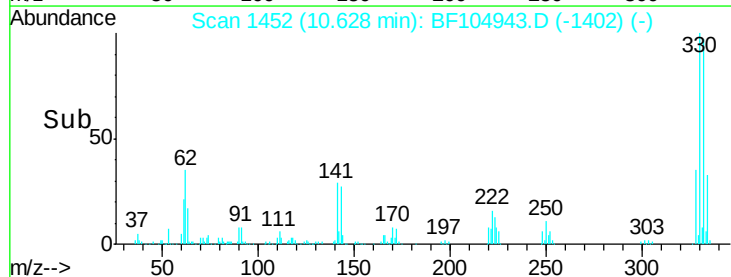
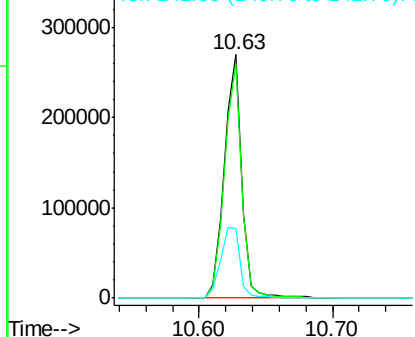


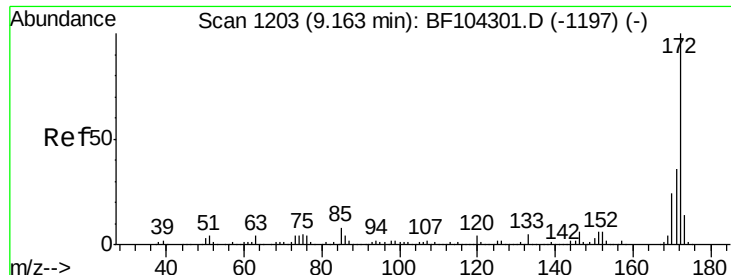
#41
 2,4,6-Tribromophenol
 Concen: 111.07 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104943.D
 Acq: 30 Apr 2018 19:54

Tgt Ion:330 Resp: 250002
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 32.9 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



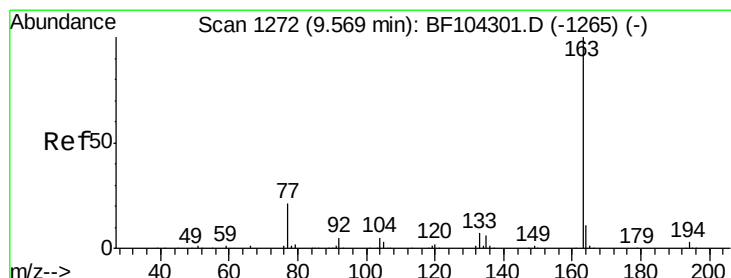
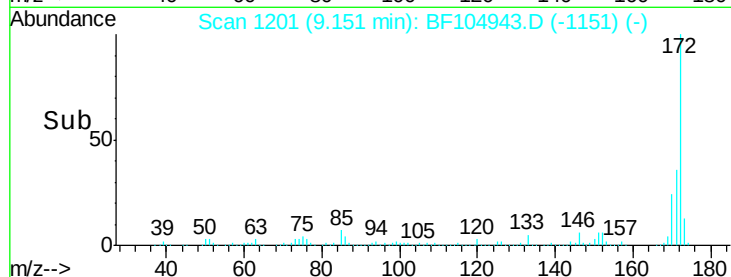
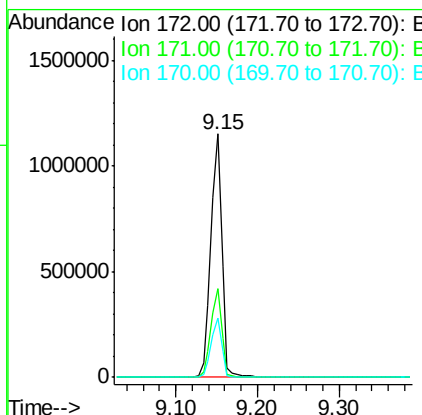
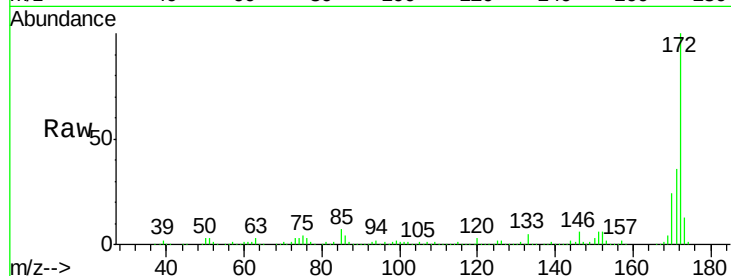


#44
 2-Fluorobiphenyl
 Concen: 78.82 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104943.D
 Acq: 30 Apr 2018 19:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1082588

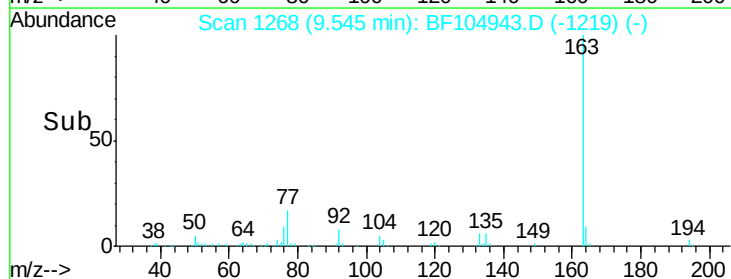
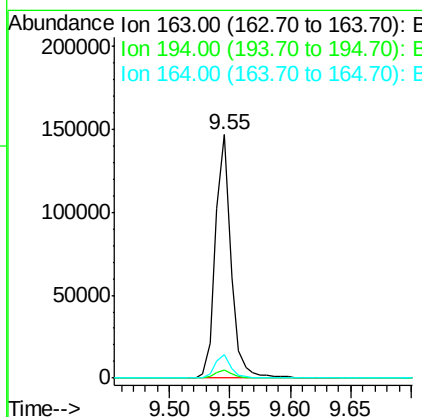
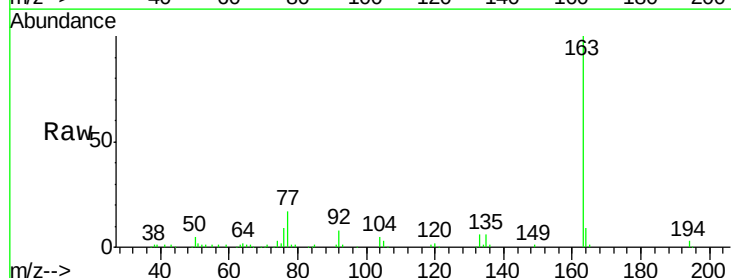
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4

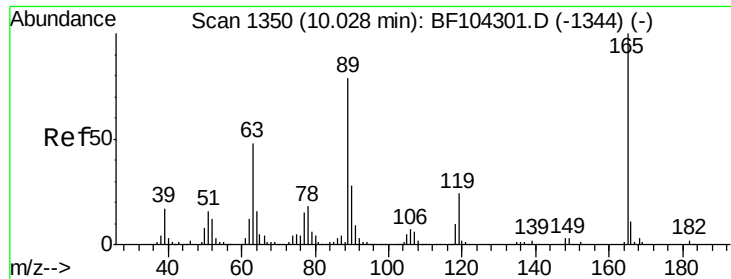


#49
 Dimethylphthalate
 Concen: 7.58 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF104943.D
 Acq: 30 Apr 2018 19:54

Tgt Ion:163 Resp: 129719

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.5	8.2	12.2

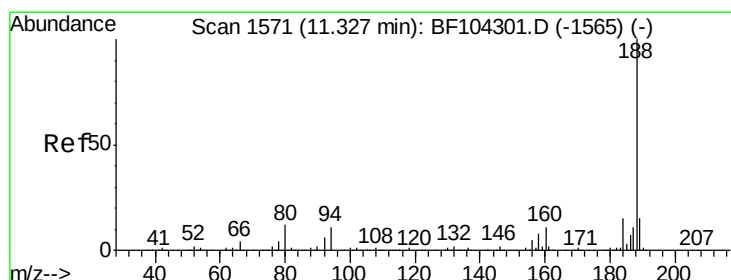
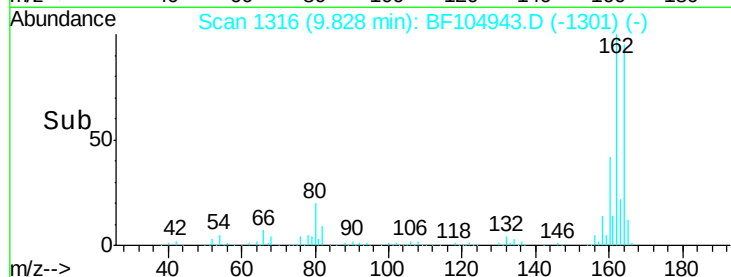
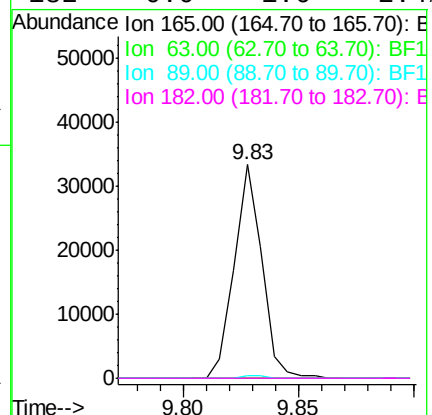
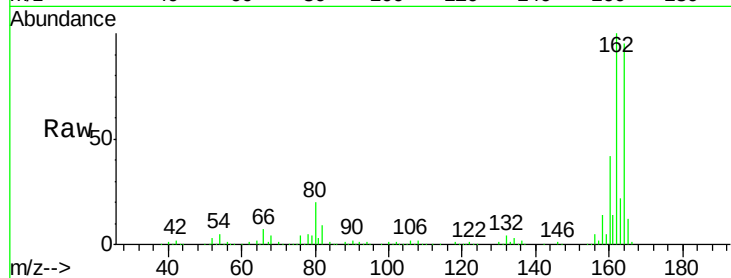




#56
 2,4-Dinitrotoluene
 Concen: 6.70 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF104943.D
 Acq: 30 Apr 2018 19:54

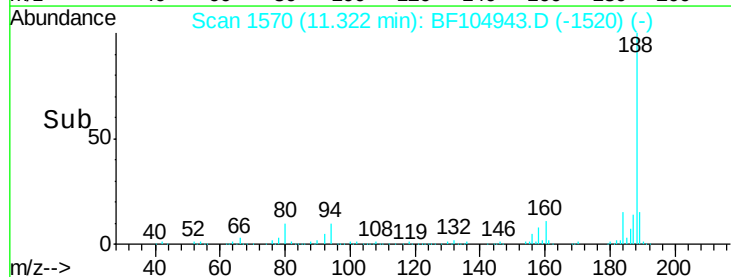
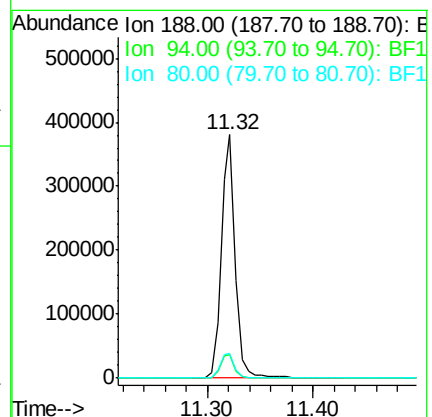
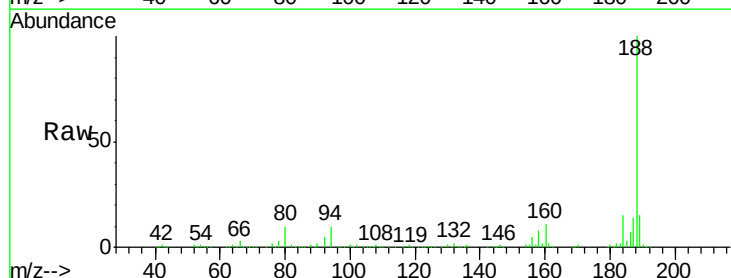
Instrument :
 BNA_F
 ClientSampleId :

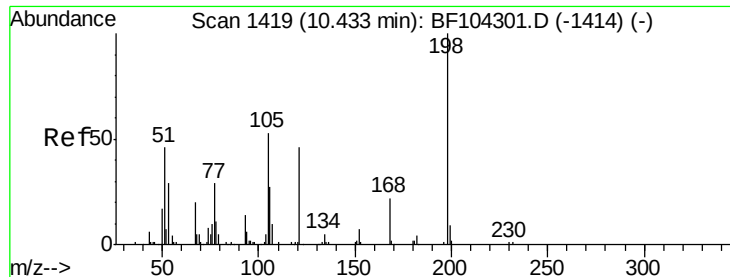
Tot Ion:	165	Resp:	27811
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF104943.D
 Acq: 30 Apr 2018 19:54

Tgt Ion:	188	Resp:	353547
Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.4	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.53 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.17 min

Lab File: BF104943.D

Acq: 30 Apr 2018 19:54

Instrument :

BNA_F

ClientSampleId :

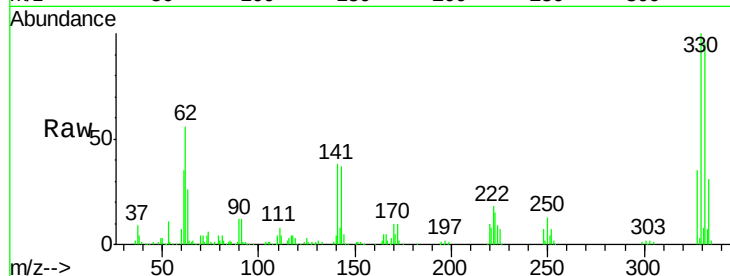
Tot Ion:198 Resp: 369

Ion Ratio Lower Upper

198 100

51 172.0 37.7 77.7#

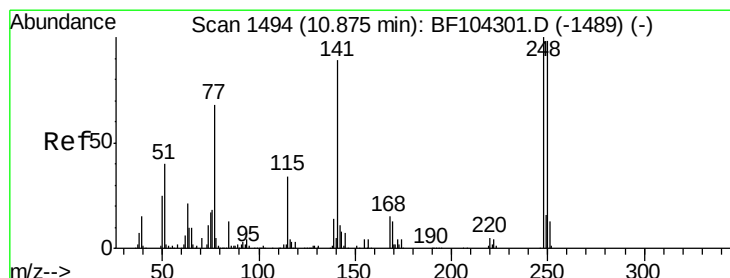
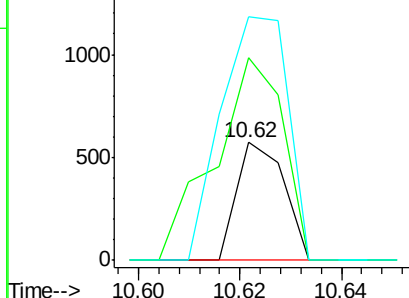
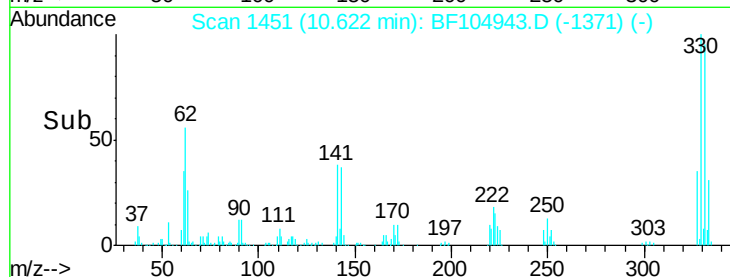
105 206.8 36.3 76.3#



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: 4.03 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BF104943.D

Acq: 30 Apr 2018 19:54

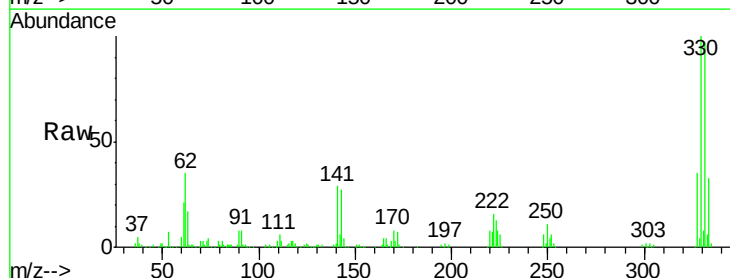
Tgt Ion:248 Resp: 15155

Ion Ratio Lower Upper

248 100

250 189.1 76.9 115.3#

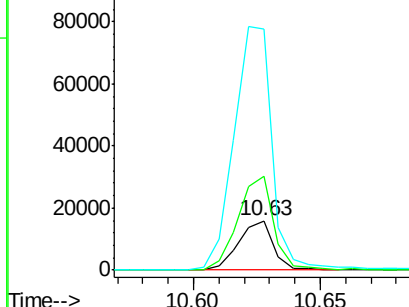
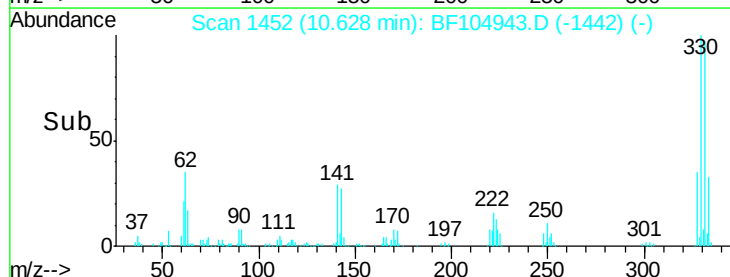
141 486.8 74.4 111.6#

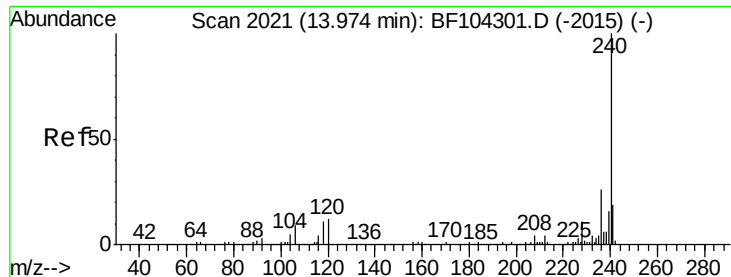


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104943.D

Acq: 30 Apr 2018 19:54

Instrument :

BNA_F

ClientSampleId :

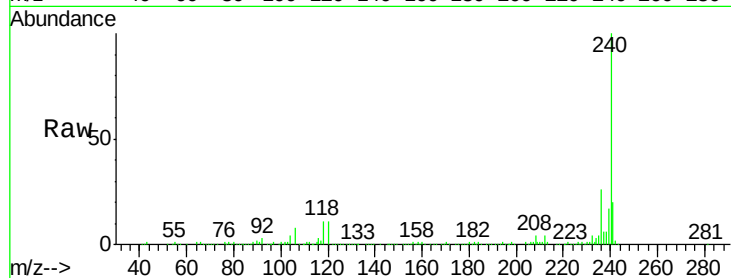
Tot Ion:240 Resp: 232350

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

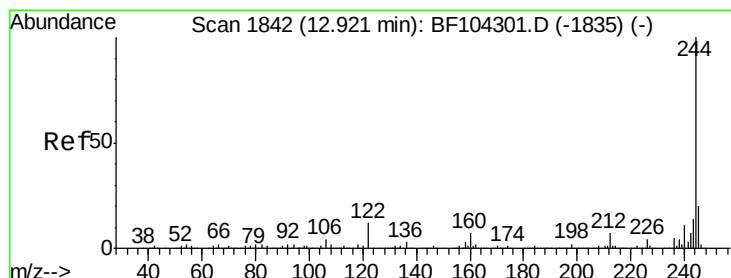
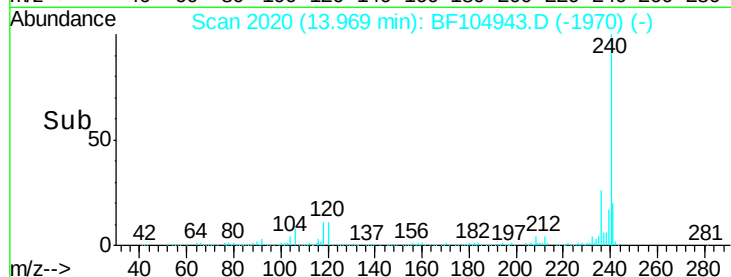
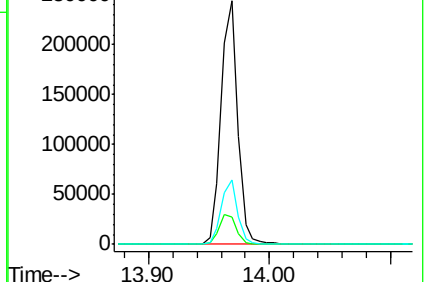
236 26.2 20.7 31.1



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: 80.93 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF104943.D

Acq: 30 Apr 2018 19:54

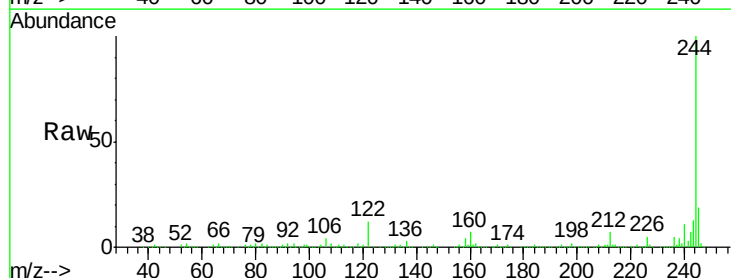
Tgt Ion:244 Resp: 824774

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

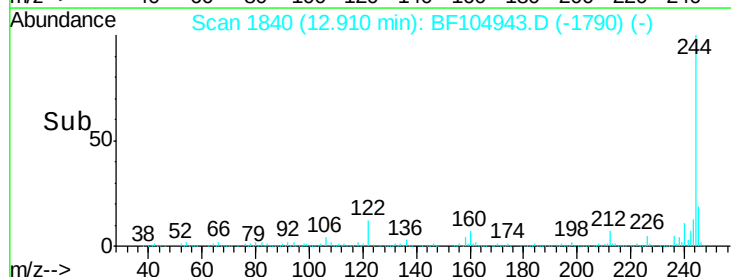
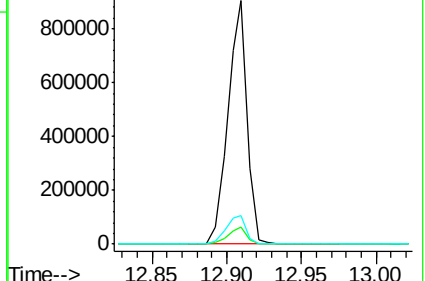
122 11.6 11.0 16.4

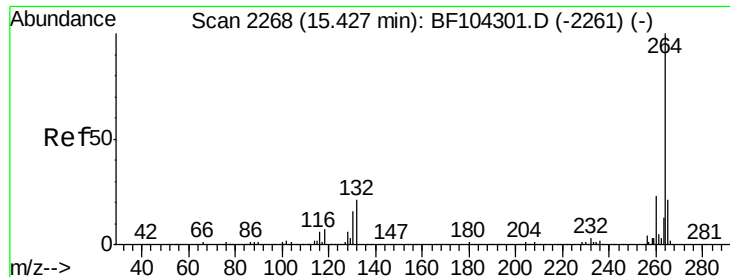


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

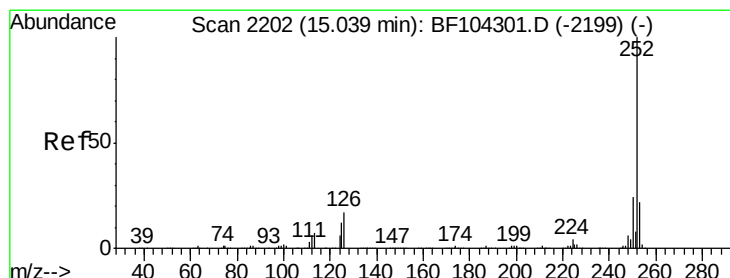
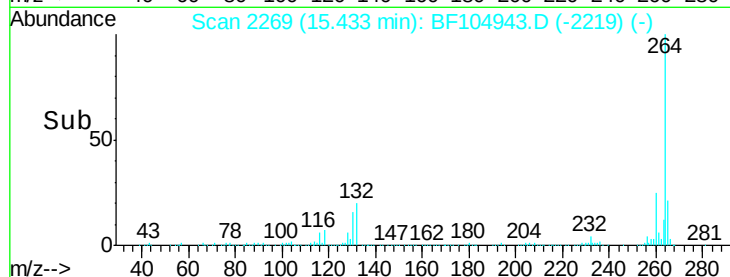
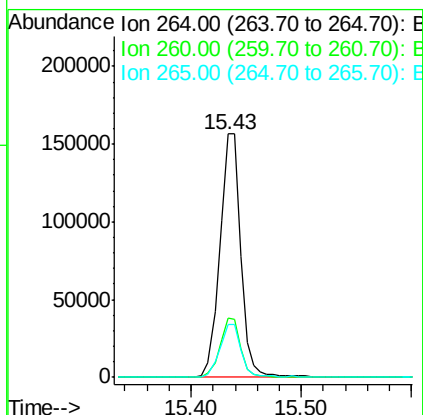
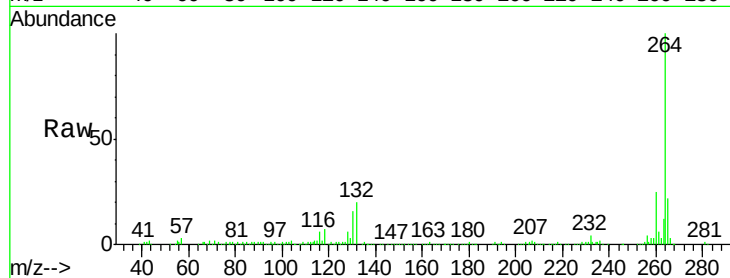




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF104943.D
Acq: 30 Apr 2018 19:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 207510
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 21.5 17.5 26.3



#88
Benzo(k)fluoranthene
Concen: 2.11 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.03 min
Lab File: BF104943.D
Acq: 30 Apr 2018 19:54

Tgt Ion:252 Resp: 26059
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 15.9 10.2 15.2#

