

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104322.D
 Acq On : 6 Apr 2018 22:49
 Operator : JU/SJ
 Sample : J2212-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-B

Quant Time: Apr 07 00:23:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	140054	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	565189	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	249406	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	386607	20.00	ng	0.00
75) Chrysene-d12	13.97	240	287553	20.00	ng	0.00
86) Perylene-d12	15.43	264	286291	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	865374	94.48	ng	0.00
7) Phenol-d6	6.43	99	1095382	97.33	ng	0.00
23) Nitrobenzene-d5	7.37	82	636156	73.50	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	221058	85.44	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1003346	63.55	ng	0.00
78) Terphenyl-d14	12.92	244	752710	59.68	ng	0.00

Target Compounds

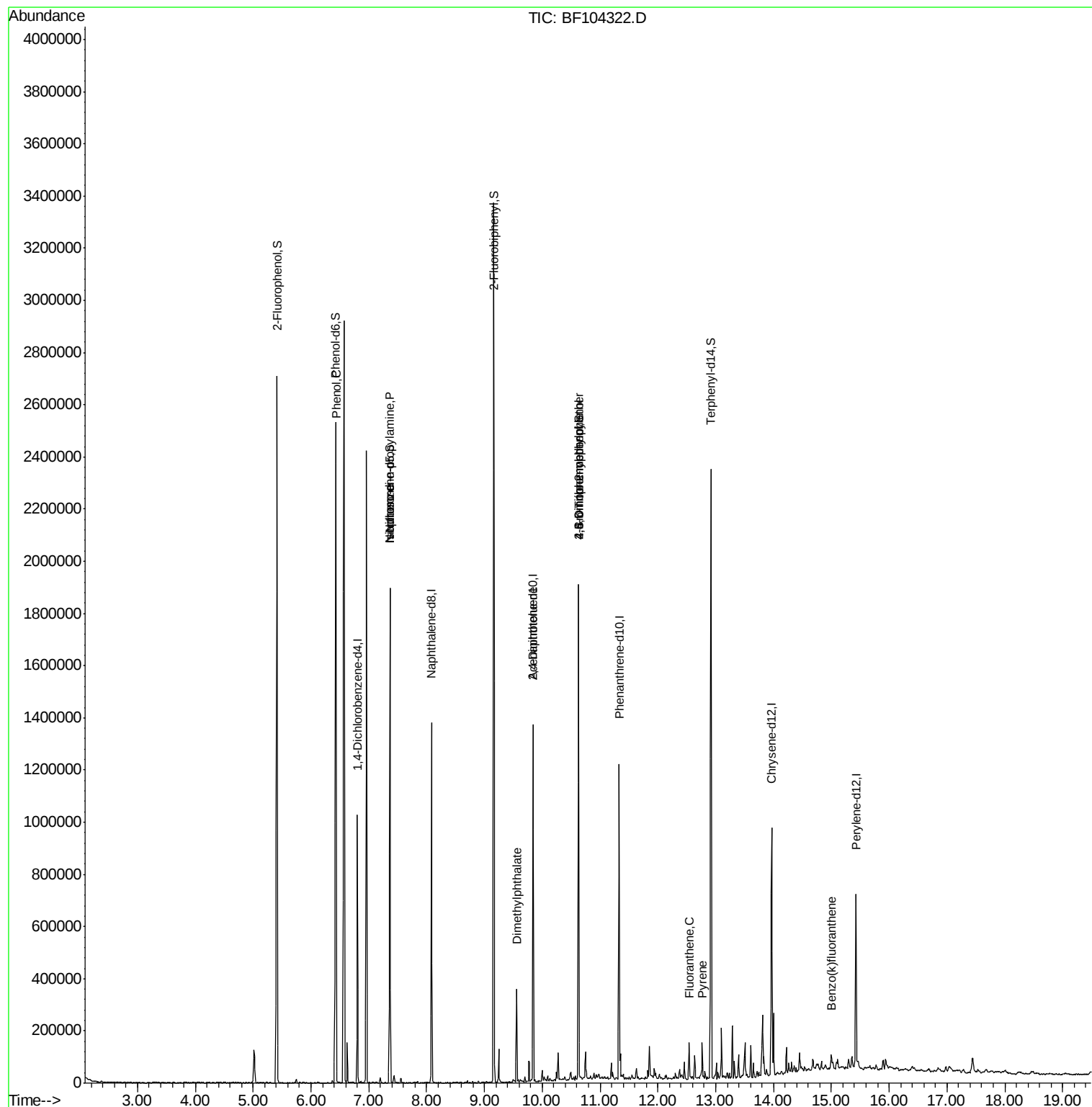
						Qvalue
9) Benzaldehyde	6.43	77	1961	Below Cal	#	1
10) Phenol	6.44	94	36024	3.017 ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	82981	11.284 ng	#	74
25) Isophorone	7.37	82	635818	34.738 ng	#	64
49) Dimethylphthalate	9.56	163	133688	6.797 ng		98
56) 2,4-Dinitrotoluene	9.84	165	31045	6.503 ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.63	198	312	7.487 ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	13762	3.347 ng	#	1
74) Fluoranthene	12.54	202	46848	2.083 ng		95
76) Benzidine	12.92	184	10883	Below Cal		97
77) Pyrene	12.77	202	52296	2.454 ng		99
88) Benzo(k)fluoranthene	15.00	252	34625	2.028 ng	#	91

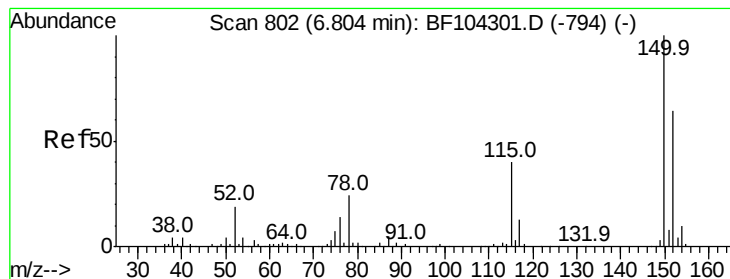
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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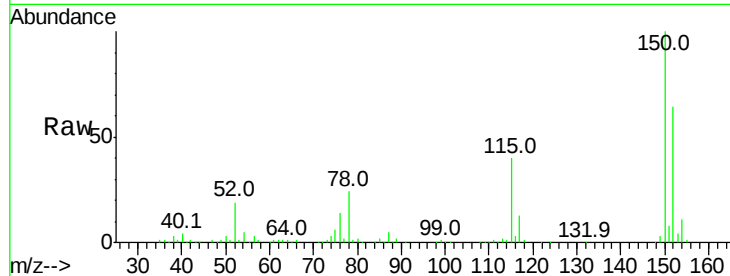


#1

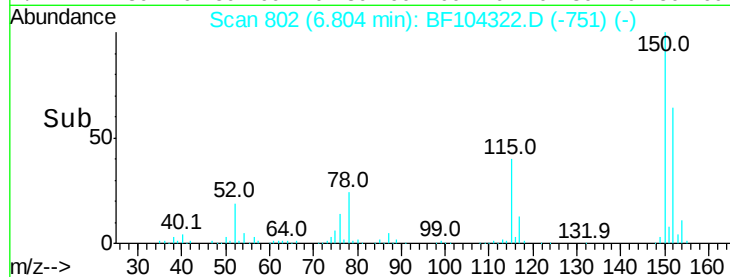
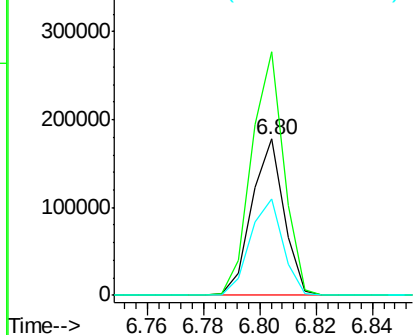
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104322.D
Acq: 6 Apr 2018 22:49

Instrument :
BNA_F
ClientSampleId :
SP-1-B

Tot Ion:152 Resp: 140054
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 62.1 50.1 75.1



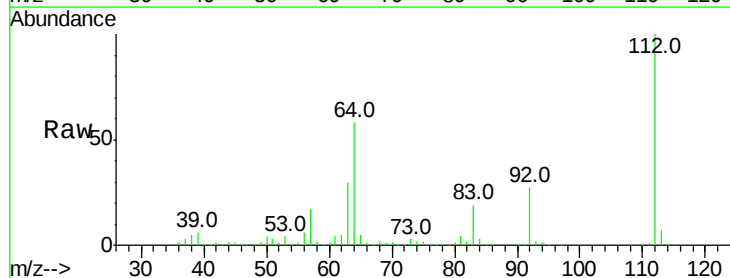
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



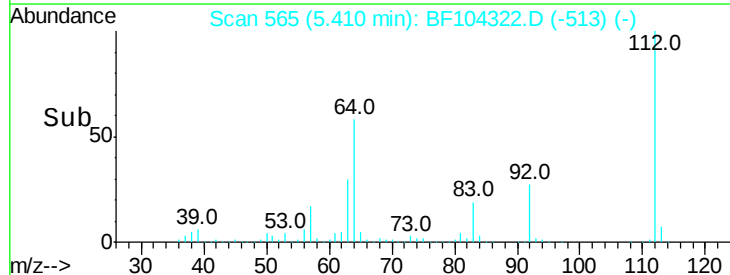
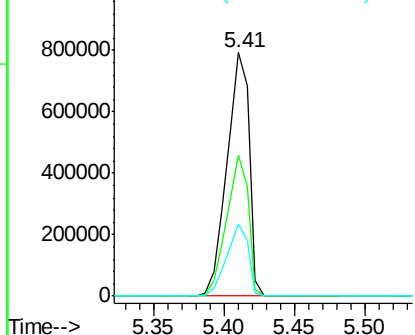
#5

2-Fluorophenol
Concen: 94.478 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104322.D
Acq: 6 Apr 2018 22:49

Tgt Ion:112 Resp: 865374
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 29.8 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: 97.332 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF104322.D

Acq: 6 Apr 2018 22:49

Instrument :

BNA_F

ClientSampled :

SP-1-B

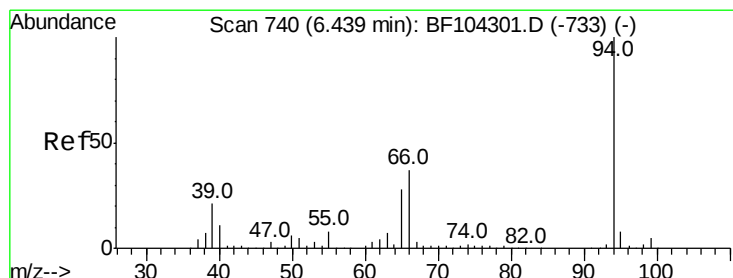
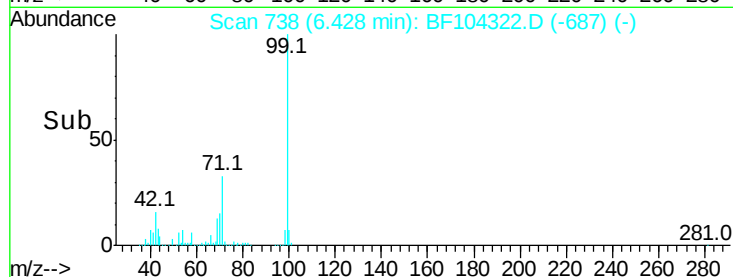
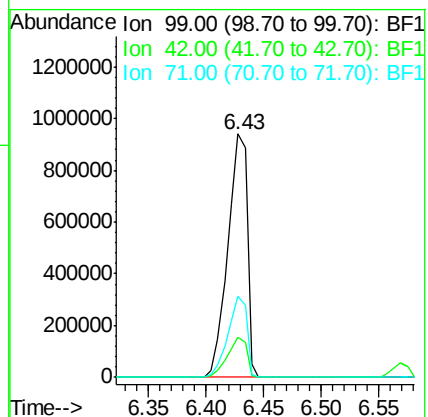
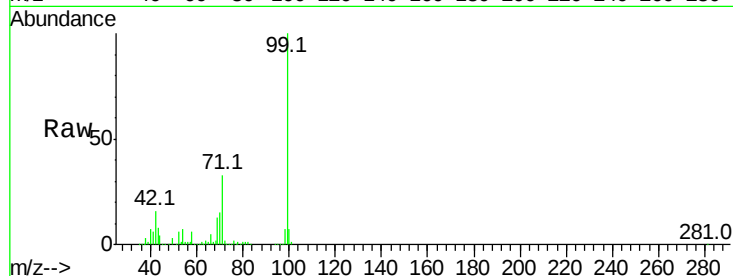
Tot Ion: 99 Resp: 1095382

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

71 33.3 25.4 38.0



#10

Phenol

Concen: 3.017 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF104322.D

Acq: 6 Apr 2018 22:49

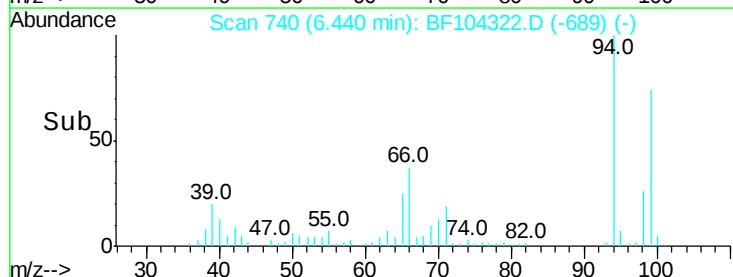
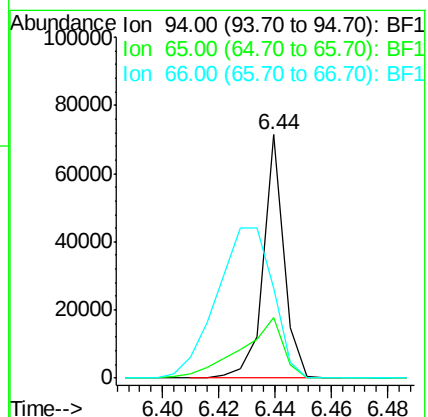
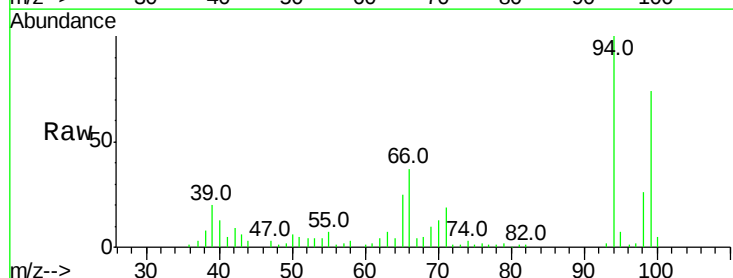
Tgt Ion: 94 Resp: 36024

Ion Ratio Lower Upper

94 100

65 25.0 7.9 47.9

66 37.1 16.2 56.2

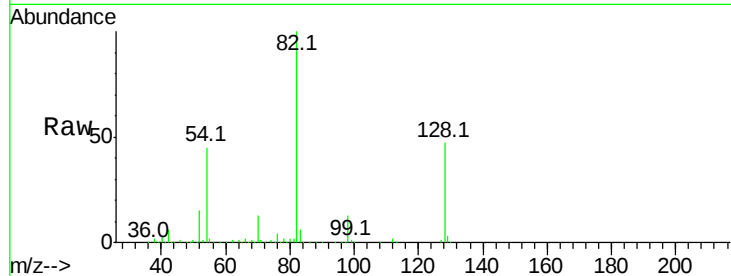




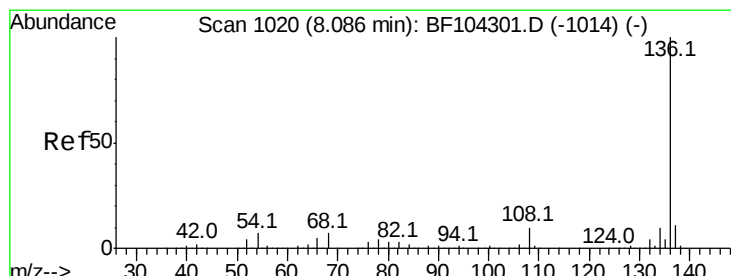
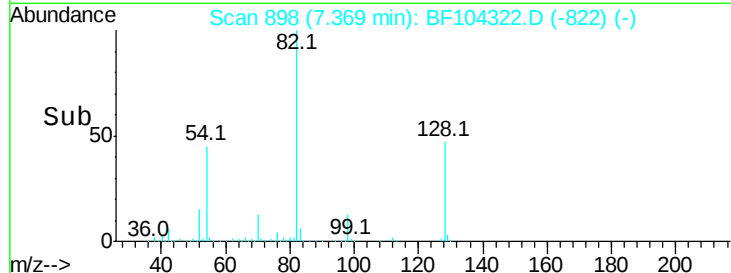
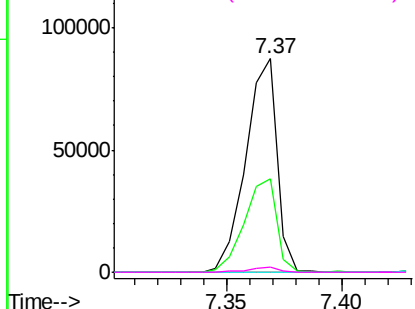
#19
n-Nitroso-di-n-propylamine
Concen: 11.284 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104322.D
Acq: 6 Apr 2018 22:49

Instrument :
BNA_F
ClientSampled :
SP-1-B

Tot Ion: 70 Resp: 82981
Ion Ratio Lower Upper
70 100
42 43.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#

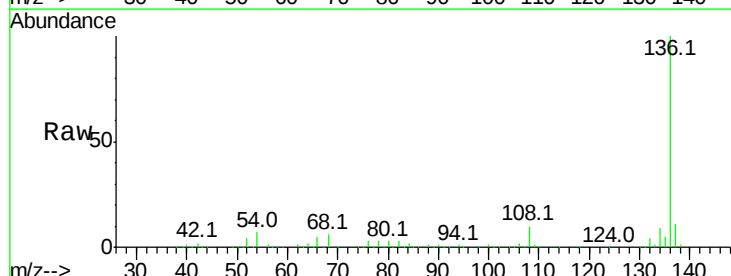


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

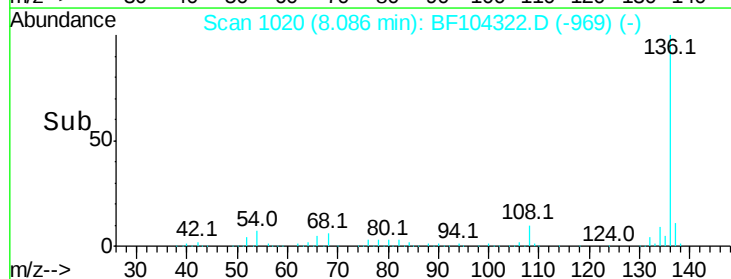
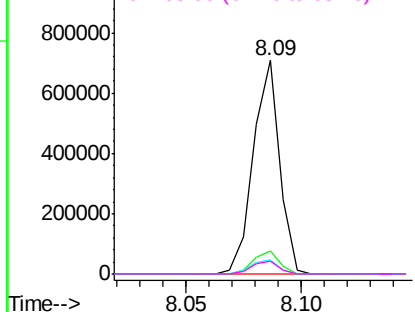


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF104322.D
Acq: 6 Apr 2018 22:49

Tgt Ion:136 Resp: 565189
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.9 6.6 9.8
68 5.8 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

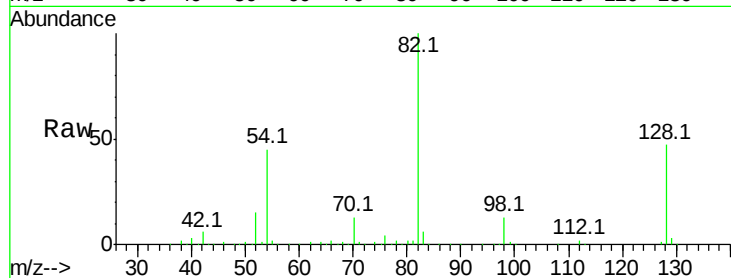




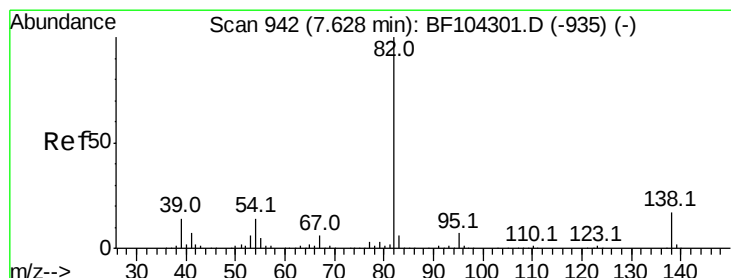
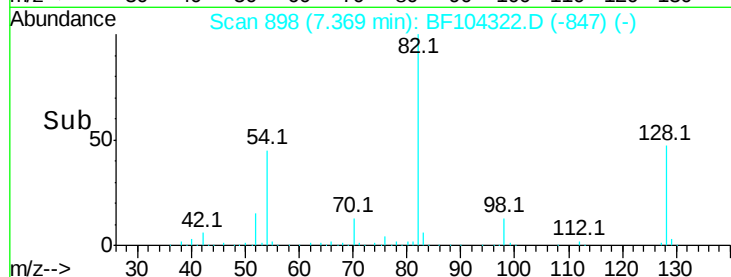
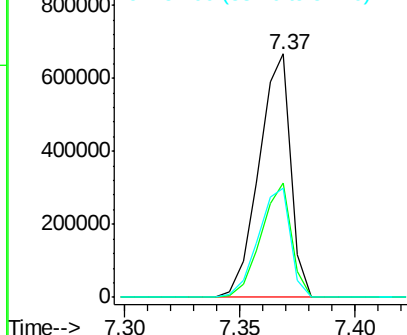
#23
 Nitrobenzene-d5
 Concen: 73.497 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF104322.D
 Acq: 6 Apr 2018 22:49

Instrument :
 BNA_F
 ClientSampleID :
 SP-1-B

Tot Ion: 82 Resp: 636156
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.1 54.1
 54 45.1 41.4 62.2

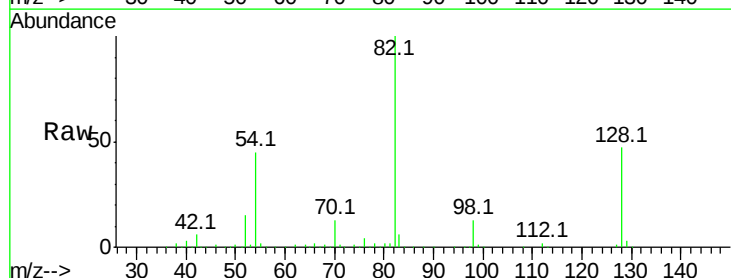


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

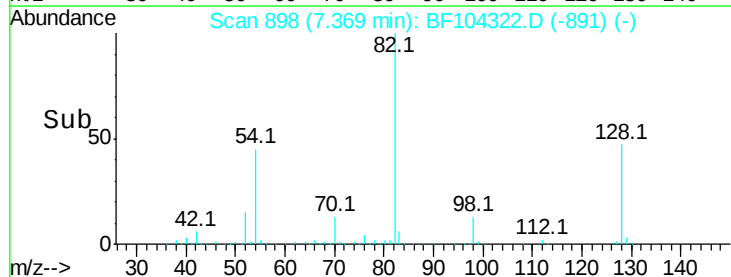
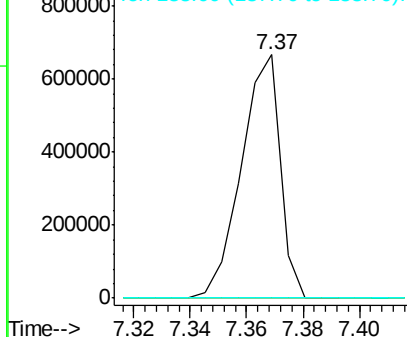


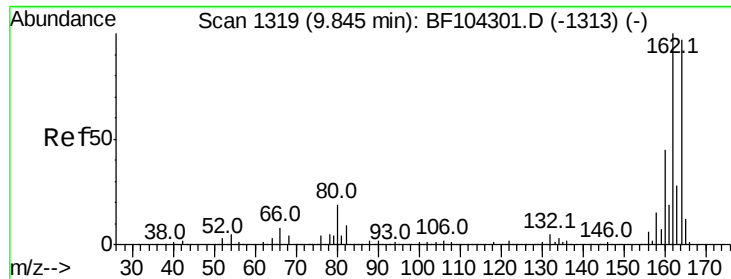
#25
 Isophorone
 Concen: 34.738 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.26 min
 Lab File: BF104322.D
 Acq: 6 Apr 2018 22:49

Tgt Ion: 82 Resp: 635818
 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

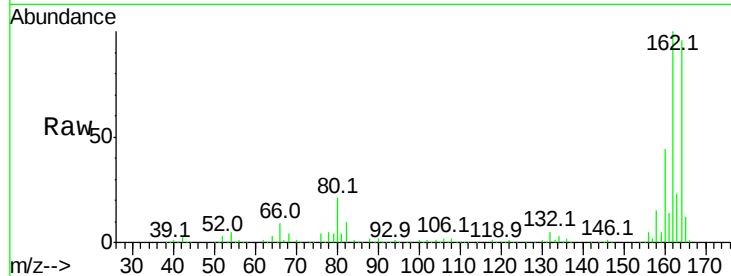




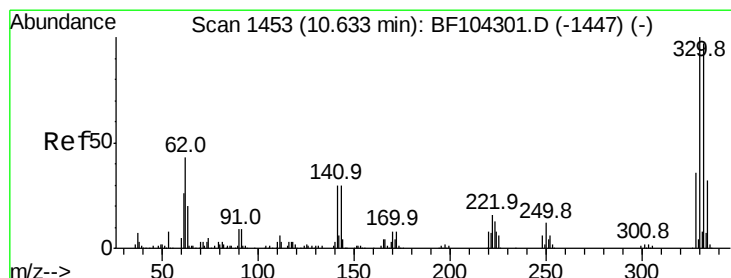
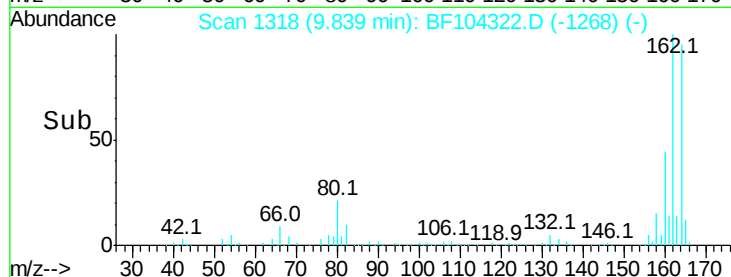
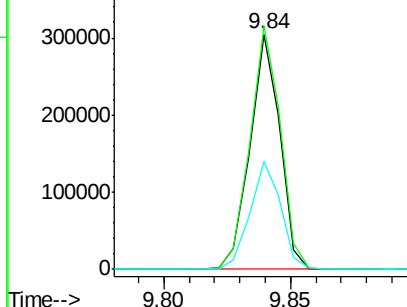
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104322.D
 Acq: 6 Apr 2018 22:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-B

Tot Ion:164 Resp: 249406
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 45.8 38.3 57.5

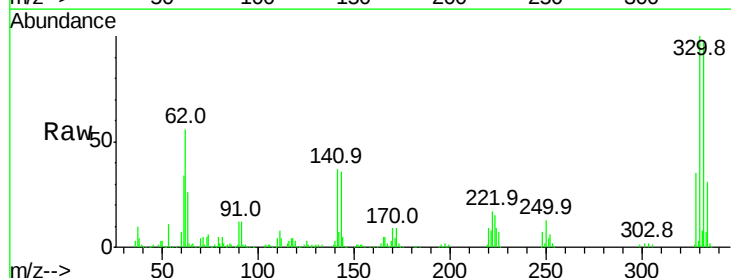


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

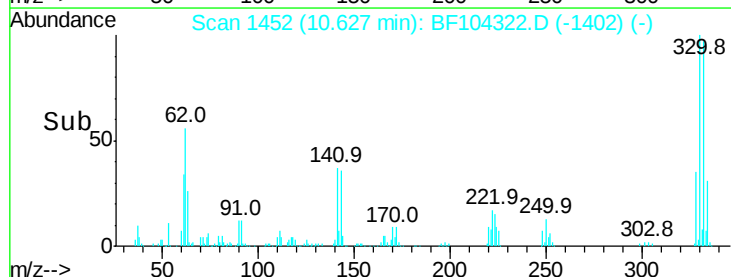
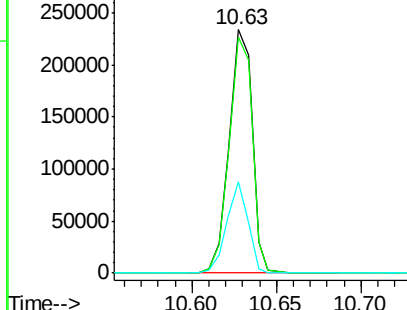


#41
 2,4,6-Tribromophenol
 Concen: 85.444 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104322.D
 Acq: 6 Apr 2018 22:49

Tgt Ion:330 Resp: 221058
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.0 115.6
 141 35.0 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



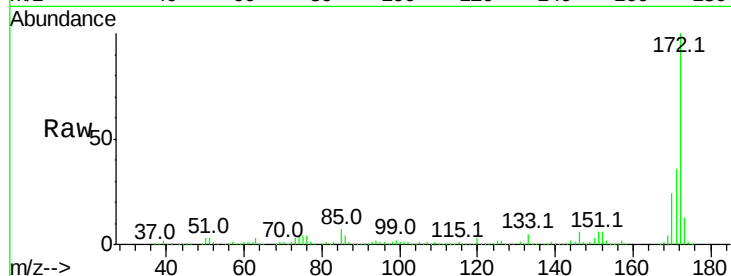


#44
 2-Fluorobiphenyl
 Concen: 63.552 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104322.D
 Acq: 6 Apr 2018 22:49

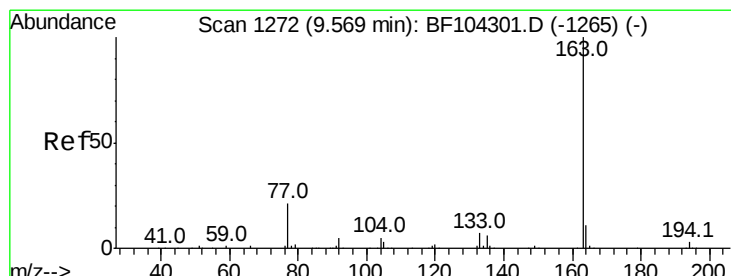
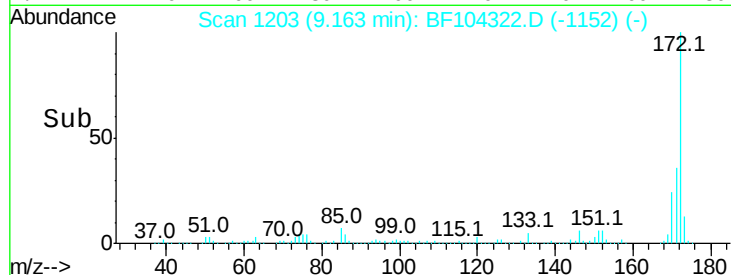
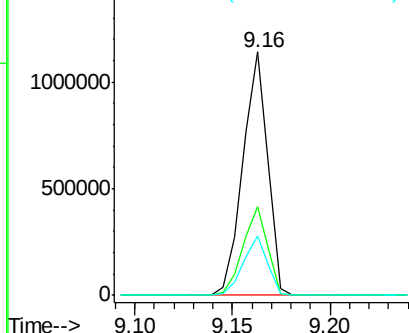
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-B

Tot Ion:172 Resp: 1003346

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	19.6	29.4



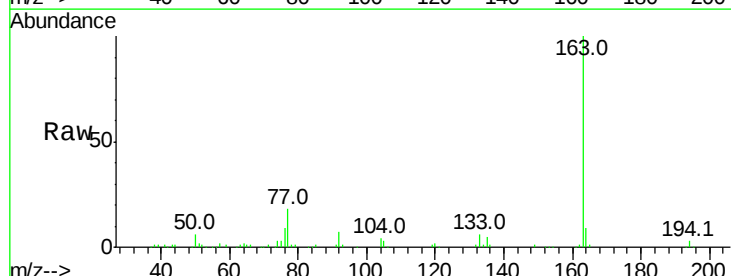
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



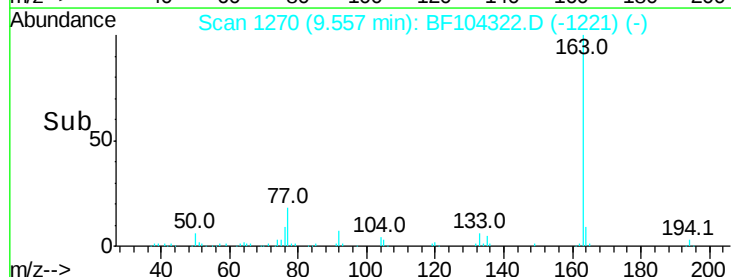
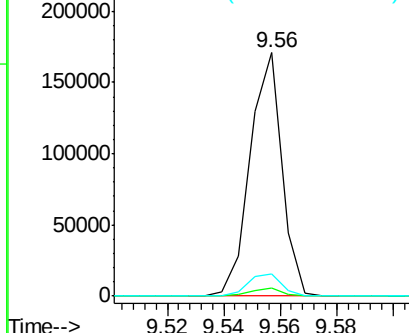
#49
 Dimethylphthalate
 Concen: 6.797 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF104322.D
 Acq: 6 Apr 2018 22:49

Tgt Ion:163 Resp: 133688

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.4	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

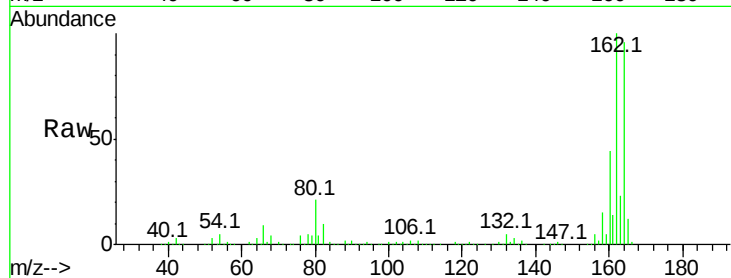




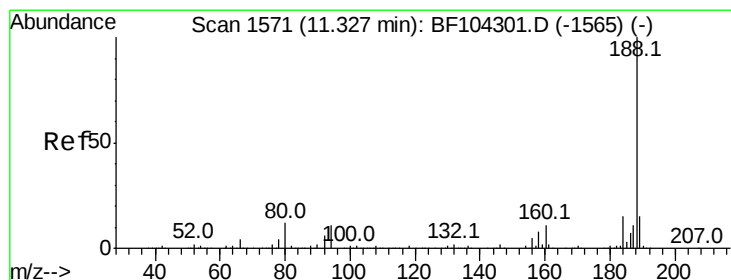
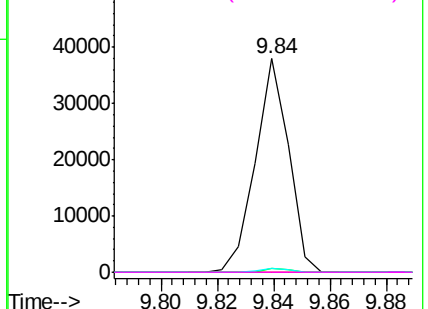
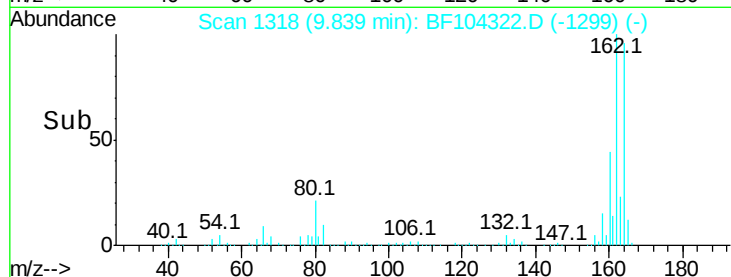
#56
 2,4-Dinitrotoluene
 Concen: 6.503 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.19 min
 Lab File: BF104322.D
 Acq: 6 Apr 2018 22:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-B

Tot Ion:	165	Resp:	31045
Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

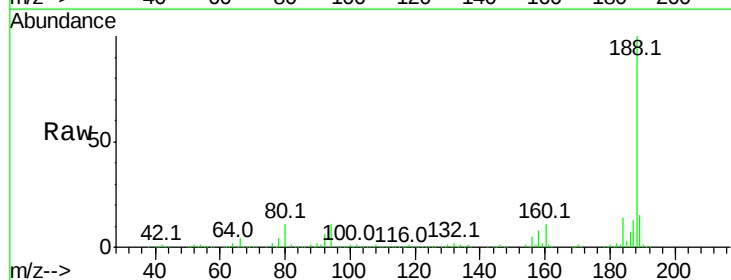


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

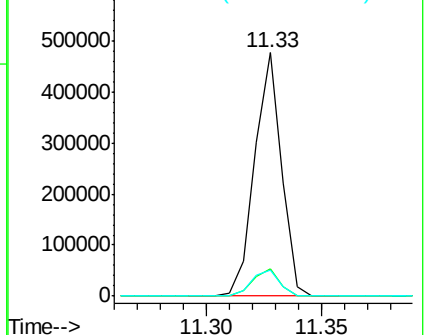
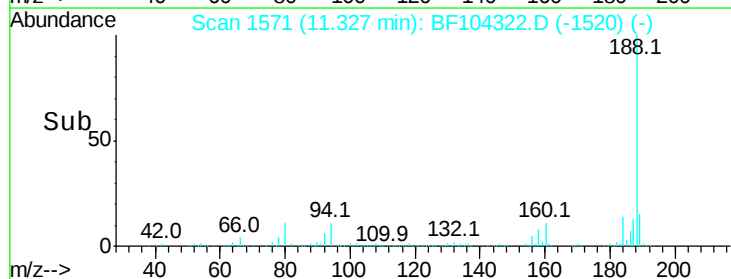


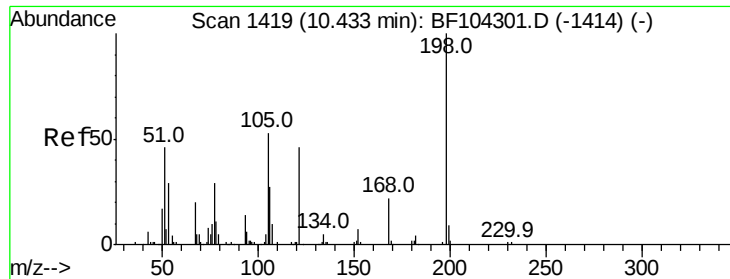
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF104322.D
 Acq: 6 Apr 2018 22:49

Tgt Ion:	188	Resp:	386607
Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	10.8	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





#64

4,6-Dinitro-2-methylphenol

Concen: 7.487 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.19 min

Lab File: BF104322.D

Acq: 6 Apr 2018 22:49

Instrument :

BNA_F

ClientSampleId :

SP-1-B

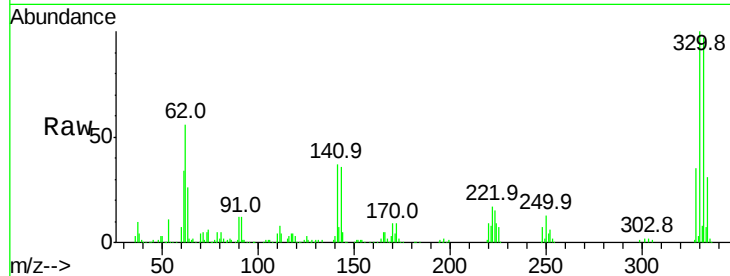
Tot Ion:198 Resp: 312

Ion Ratio Lower Upper

198 100

51 207.8 37.7 77.7#

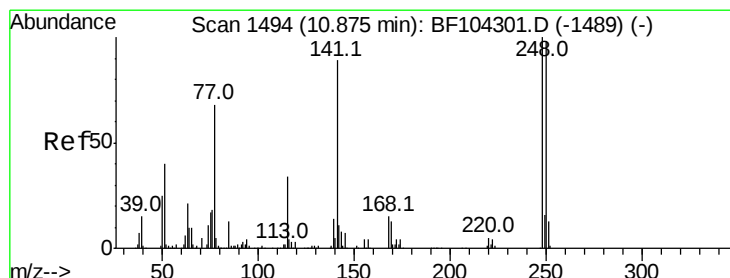
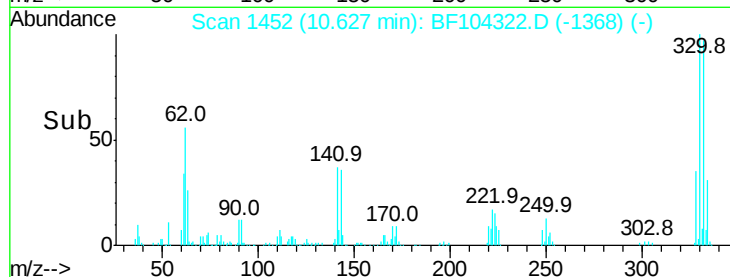
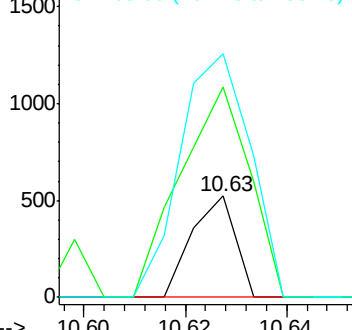
105 240.3 36.3 76.3#



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: 3.347 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.25 min

Lab File: BF104322.D

Acq: 6 Apr 2018 22:49

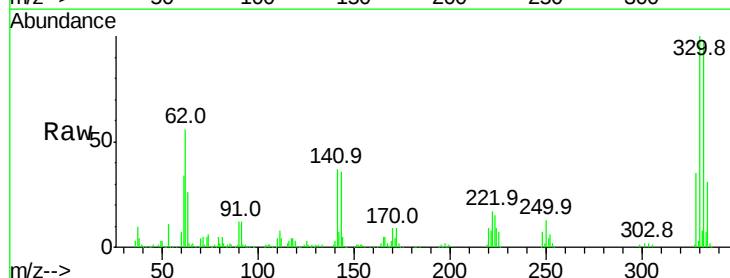
Tgt Ion:248 Resp: 13762

Ion Ratio Lower Upper

248 100

250 187.7 76.9 115.3#

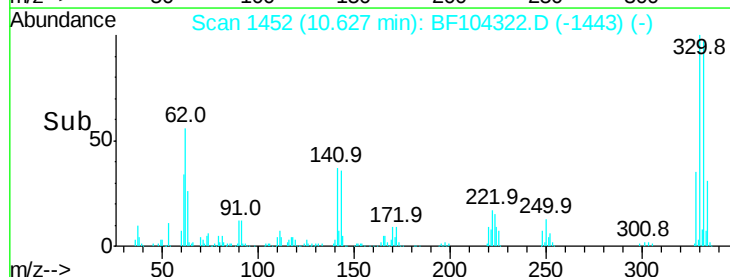
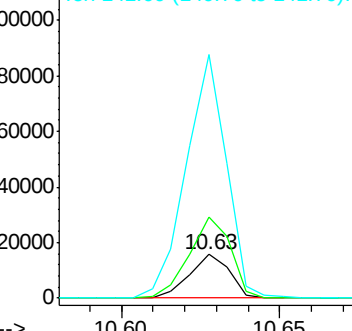
141 560.7 74.4 111.6#

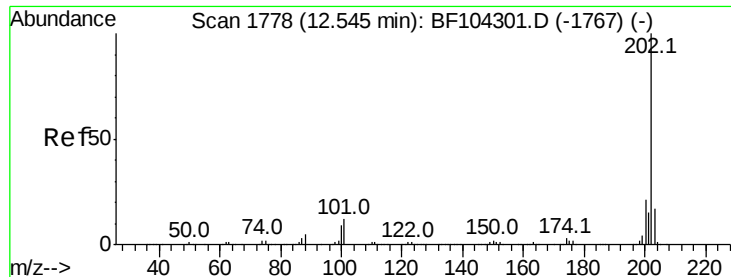


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#74

Fluoranthene

Concen: 2.083 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF104322.D

Acq: 6 Apr 2018 22:49

Instrument :

BNA_F

ClientSampleId :

SP-1-B

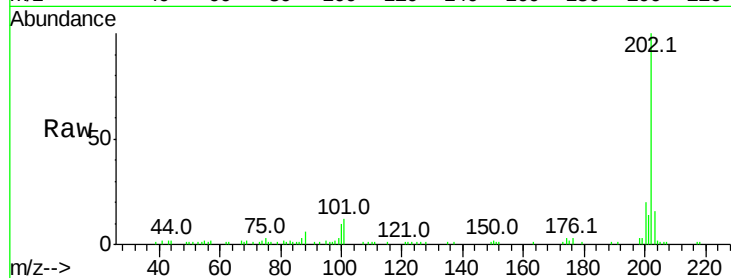
Tot Ion:202 Resp: 46848

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.1

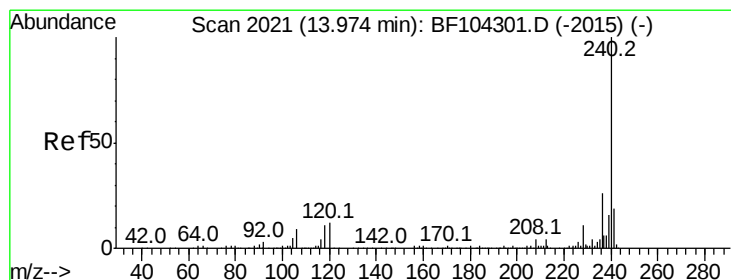
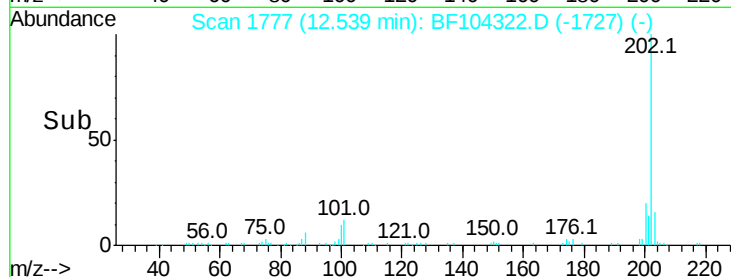
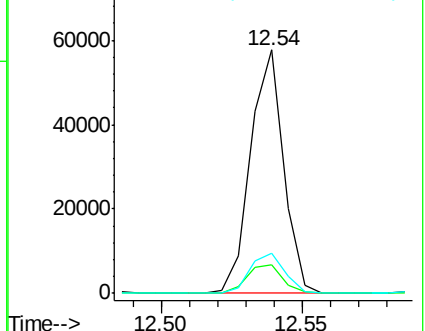
203 16.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104322.D

Acq: 6 Apr 2018 22:49

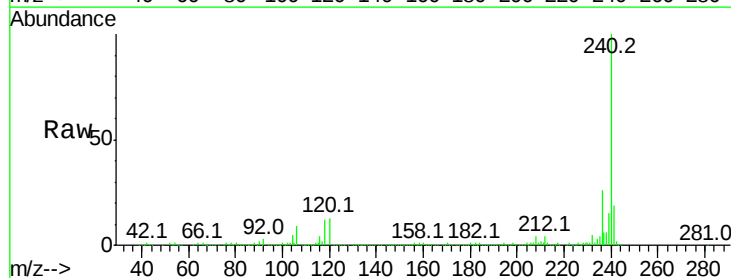
Tgt Ion:240 Resp: 287553

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

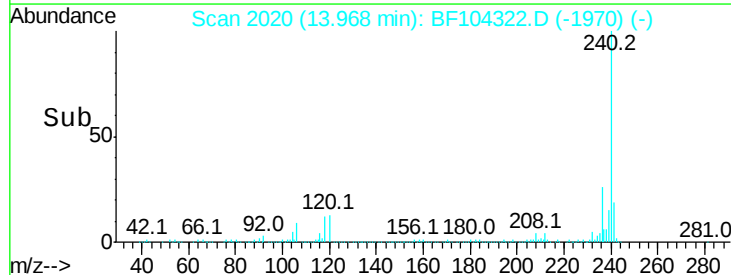
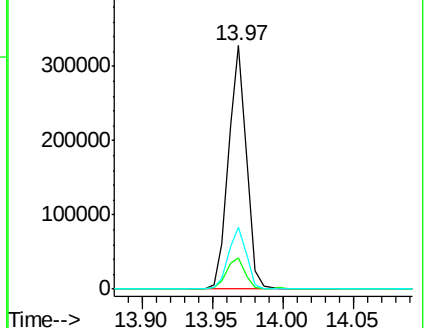
236 25.6 20.7 31.1

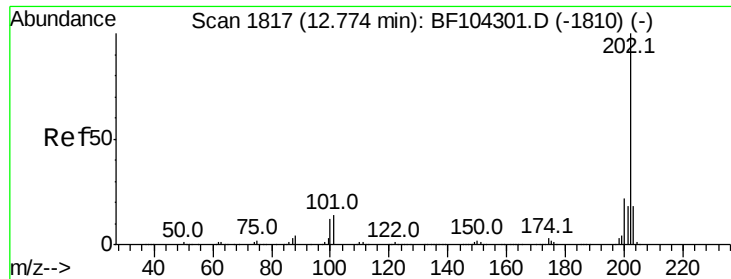


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.454 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF104322.D

Acq: 6 Apr 2018 22:49

Instrument :

BNA_F

ClientSampleId :

SP-1-B

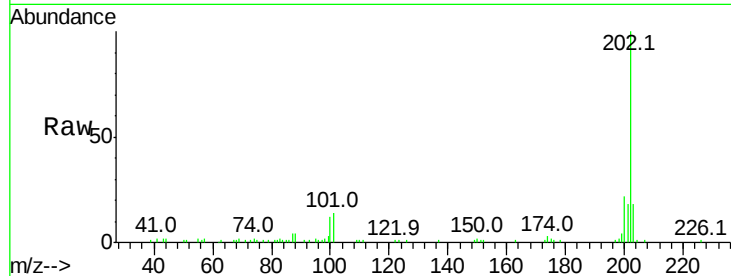
Tot Ion:202 Resp: 52296

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	18.4	14.3	21.5

202 100

200 21.7 17.4 26.2

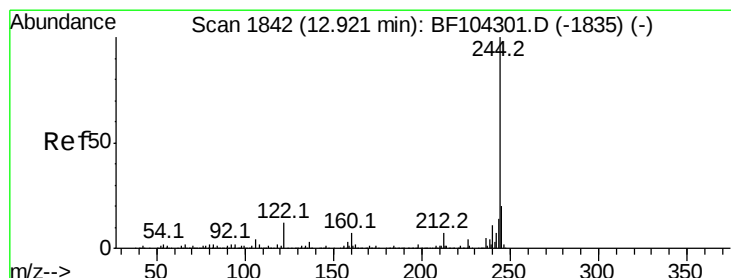
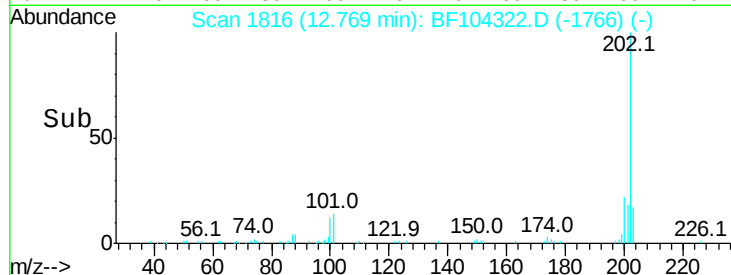
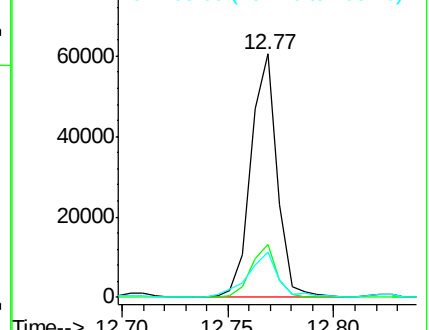
203 18.4 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 59.678 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104322.D

Acq: 6 Apr 2018 22:49

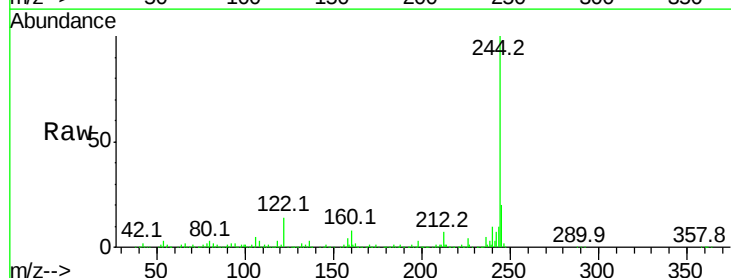
Tgt Ion:244 Resp: 752710

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.5	11.0	16.4

244 100

212 7.1 5.4 8.0

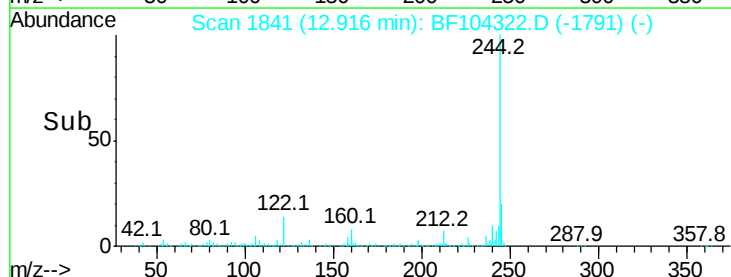
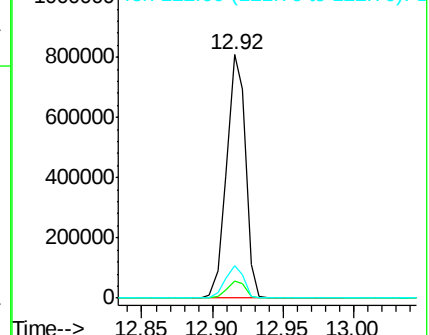
122 13.5 11.0 16.4

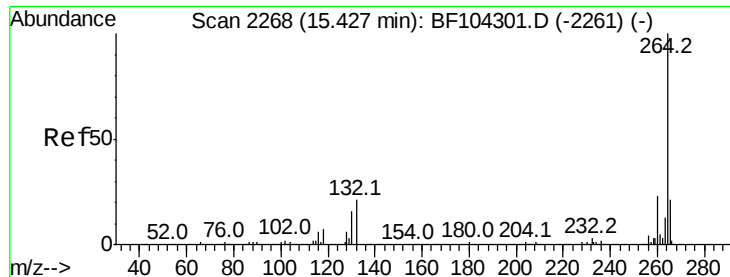


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

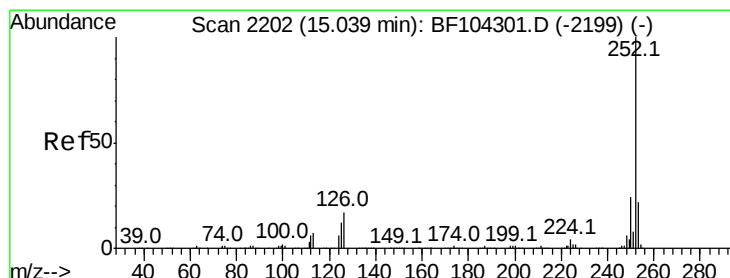
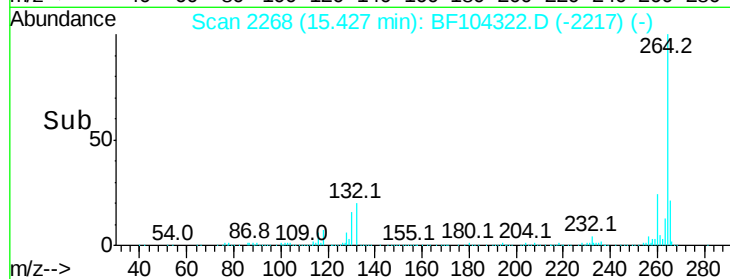
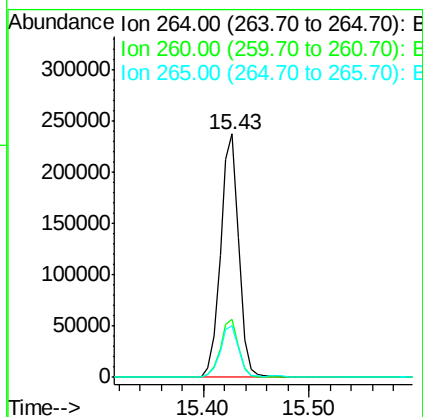
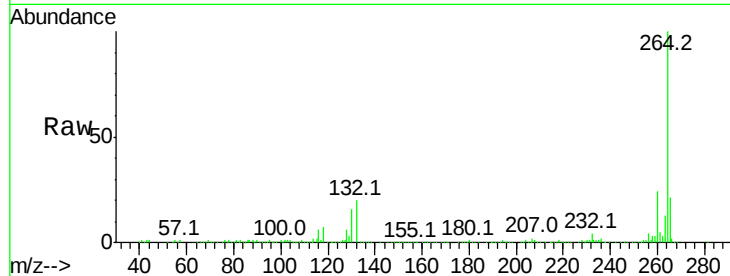




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF104322.D
Acq: 6 Apr 2018 22:49

Instrument :
BNA_F
ClientSampleId :
SP-1-B

Tot Ion:264 Resp: 286291
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.1 17.5 26.3



#88
Benzo(k)fluoranthene
Concen: 2.028 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.04 min
Lab File: BF104322.D
Acq: 6 Apr 2018 22:49

Tgt Ion:252 Resp: 34625
Ion Ratio Lower Upper
252 100
253 26.8 17.9 26.9
125 16.4 10.2 15.2#

