

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104676.D
 Acq On : 20 Apr 2018 16:08
 Operator : JU/SJ
 Sample : J2475-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02

Quant Time: Apr 21 04:11:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 20 14:49:55 2018
 Response via : Initial Calibration

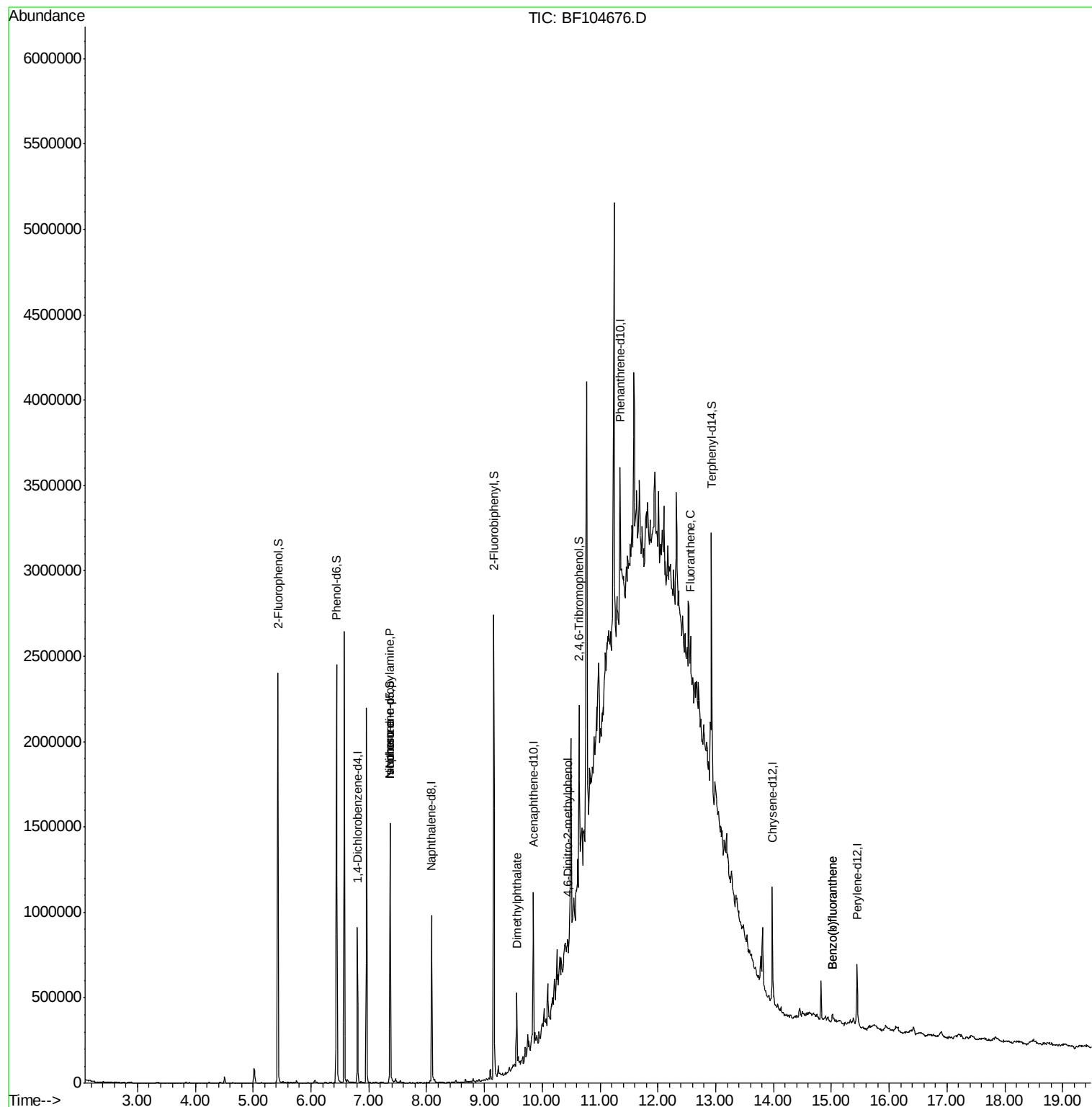
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	118168	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	423936	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	173057	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	208962	20.00	ng	0.00
75) Chrysene-d12	13.98	240	222641	20.00	ng	0.00
86) Perylene-d12	15.44	264	163610	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	744023	96.27	ng	0.01
7) Phenol-d6	6.45	99	877834	92.45	ng	0.00
23) Nitrobenzene-d5	7.37	82	514934	79.31	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	156687	87.28	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	831644	75.92	ng	0.00
78) Terphenyl-d14	12.93	244	622384	63.73	ng	0.01
Target Compounds						
9) Benzaldehyde	6.36	77	635	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	7.37	70	68356	11.017 ng	#	1
25) Isophorone	7.37	82	514930	37.507 ng	#	72
49) Dimethylphthalate	9.56	163	68972	5.054 ng	#	64
64) 4,6-Dinitro-2-methylphenol	10.45	198	229	7.538 ng	#	98
74) Fluoranthene	12.56	202	27687	2.277 ng	#	1
76) Benzidine	12.64	184	372	Below Cal	#	84
87) Benzo(b)fluoranthene	15.02	252	21477	2.078 ng	#	1
88) Benzo(k)fluoranthene	15.02	252	21477	2.202 ng	#	72
					#	75

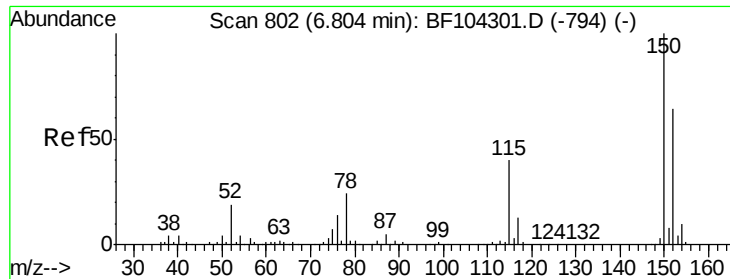
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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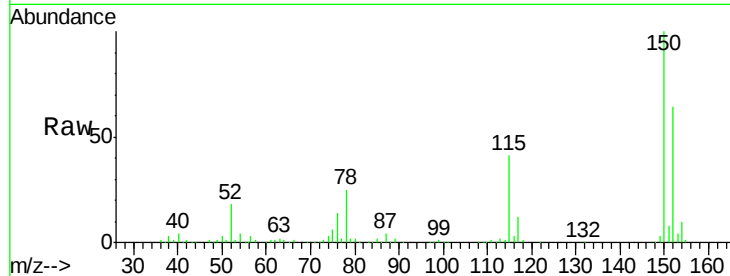


#1

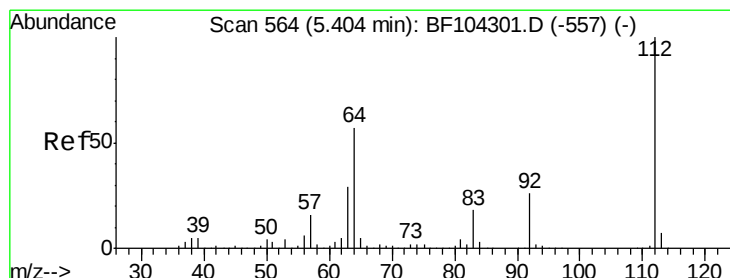
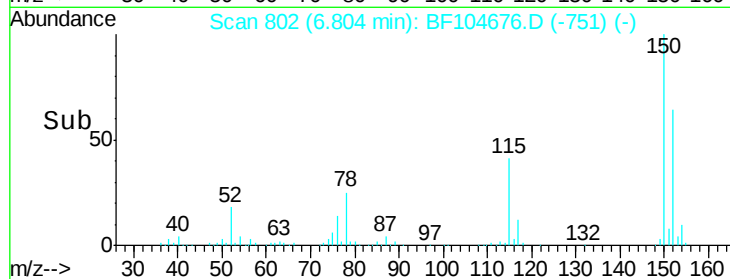
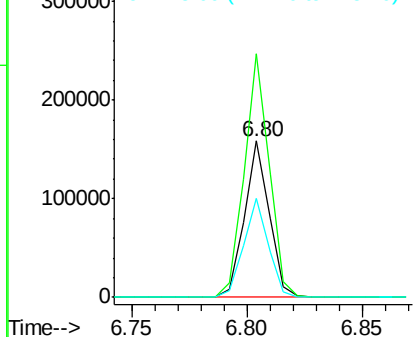
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104676.D
Acq: 20 Apr 2018 16:08

Instrument :
BNA_F
ClientSampleId :
SB-02

Tot Ion:152 Resp: 118168
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 63.2 50.1 75.1



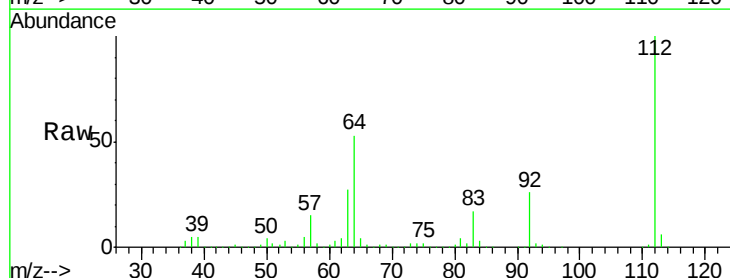
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



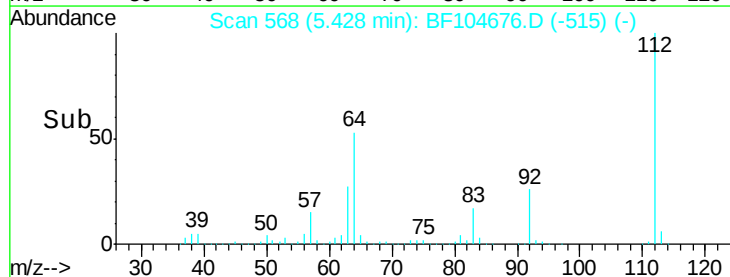
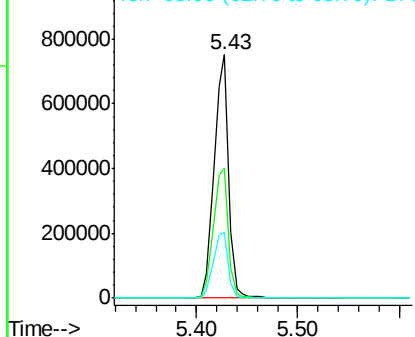
#5

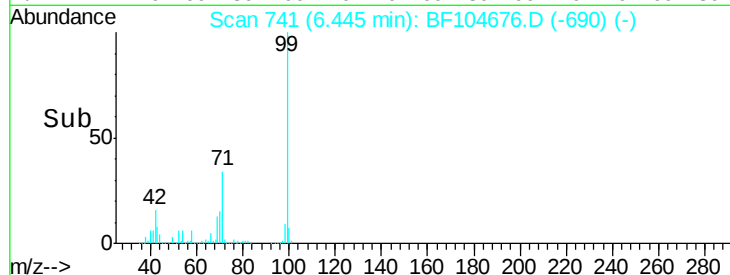
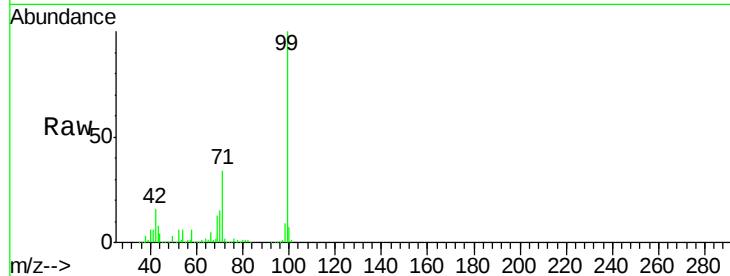
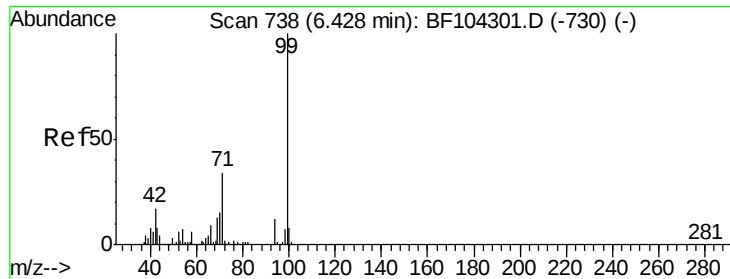
2-Fluorophenol
Concen: 96.274 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104676.D
Acq: 20 Apr 2018 16:08

Tgt Ion:112 Resp: 744023
Ion Ratio Lower Upper
112 100
64 53.0 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: 92.448 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104676.D

Acq: 20 Apr 2018 16:08

Instrument :

BNA_F

ClientSampleId :

SB-02

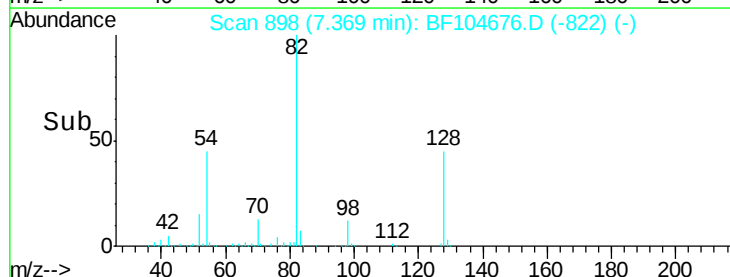
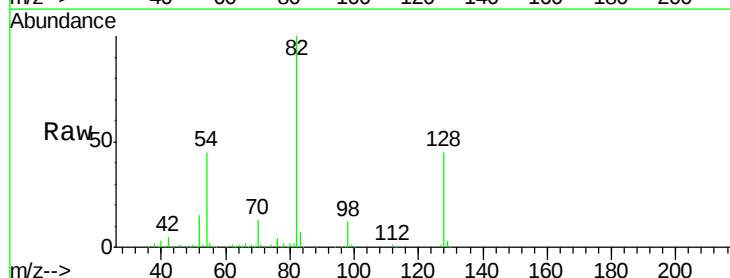
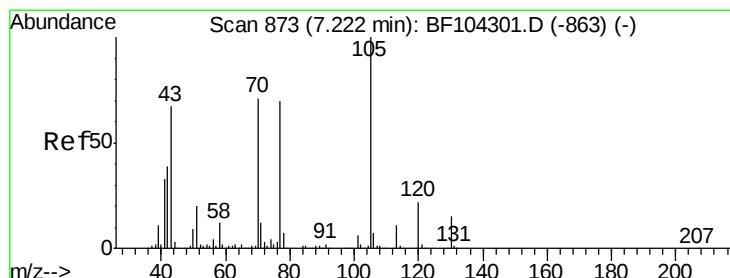
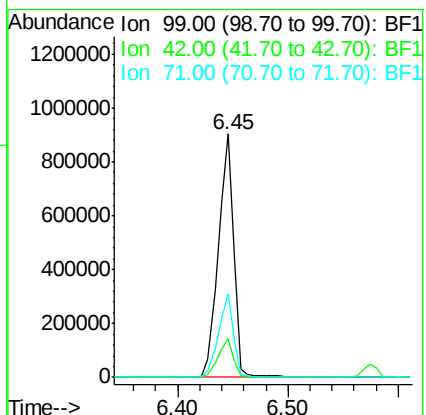
Tot Ion: 99 Resp: 877834

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

71 34.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.017 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104676.D

Acq: 20 Apr 2018 16:08

Tgt Ion: 70 Resp: 68356

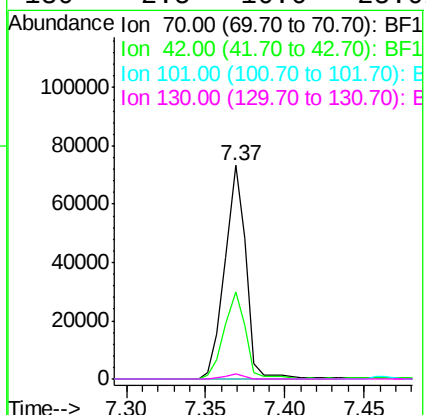
Ion Ratio Lower Upper

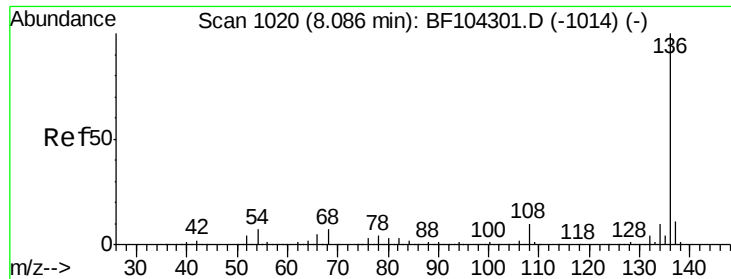
70 100

42 40.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

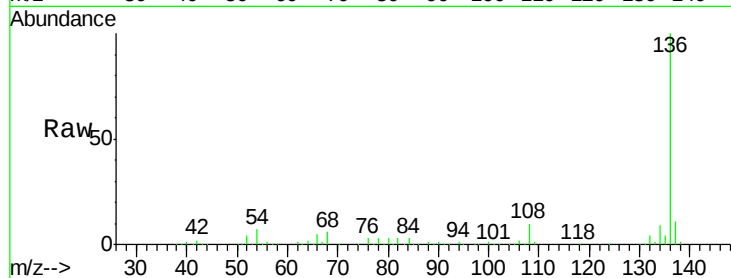




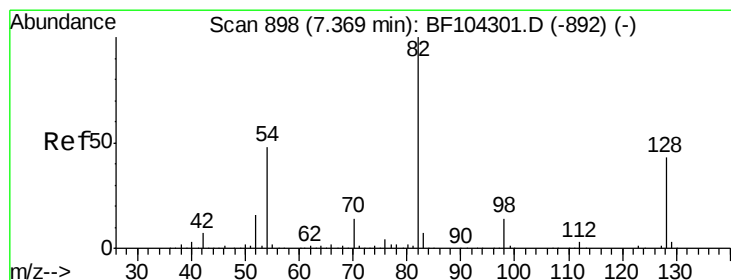
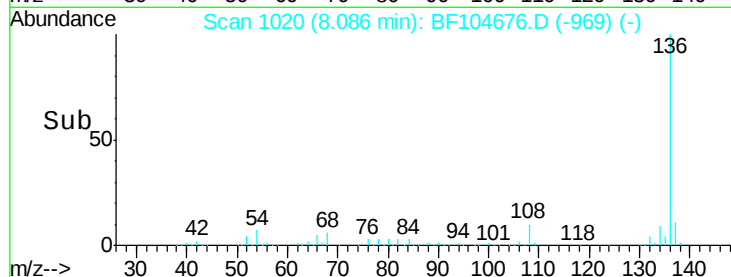
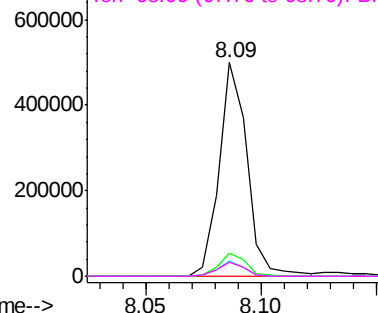
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF104676.D
Acq: 20 Apr 2018 16:08

Instrument :
BNA_F
ClientSampleId :
SB-02

Tot Ion:136	Resp:	423936
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	7.1	6.6 9.8
68	6.4	5.0 7.4

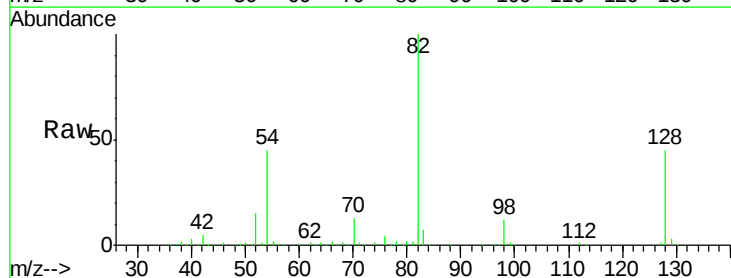


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

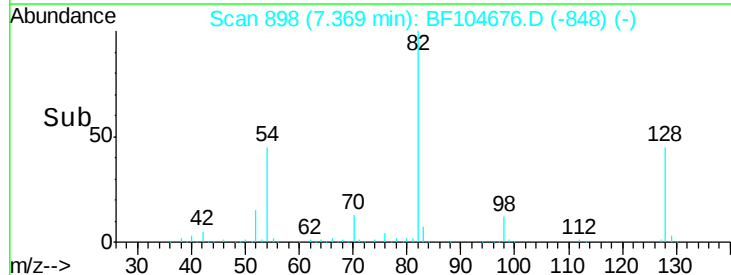
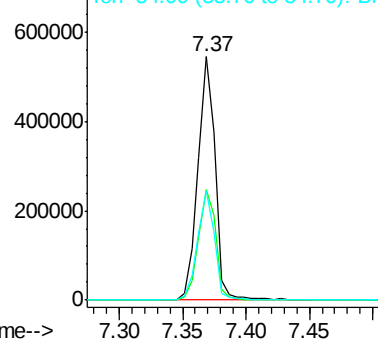


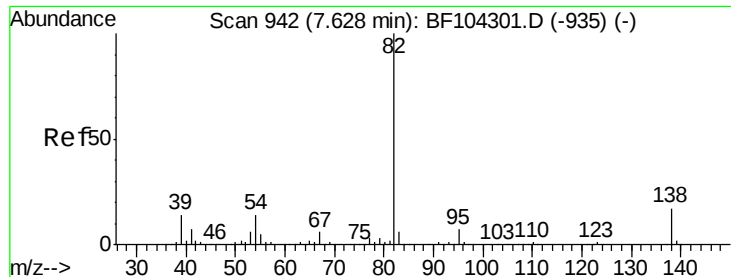
#23
Nitrobenzene-d5
Concen: 79.314 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104676.D
Acq: 20 Apr 2018 16:08

Tgt Ion: 82	Resp:	514934
Ion	Ratio	Lower Upper
82	100	
128	45.4	36.1 54.1
54	44.8	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: 37.507 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104676.D

Acq: 20 Apr 2018 16:08

Instrument :

BNA_F

ClientSampleId :

SB-02

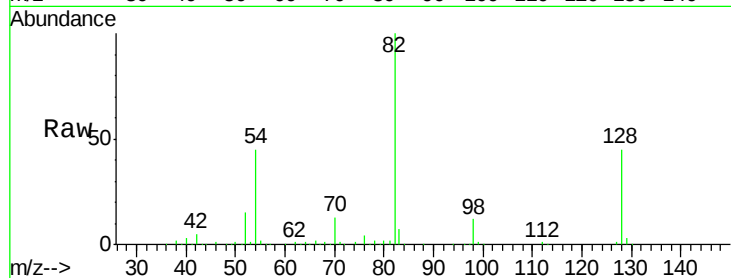
Tot Ion: 82 Resp: 514930

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

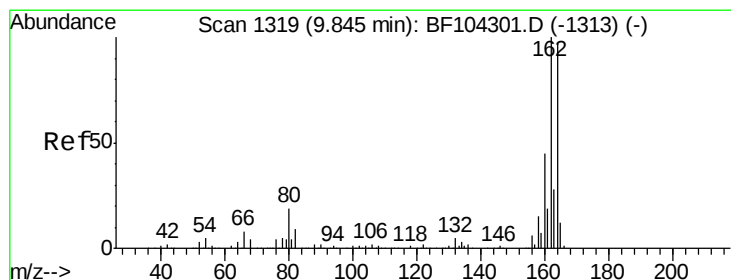
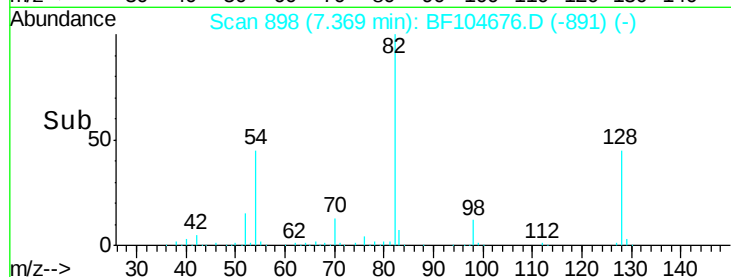
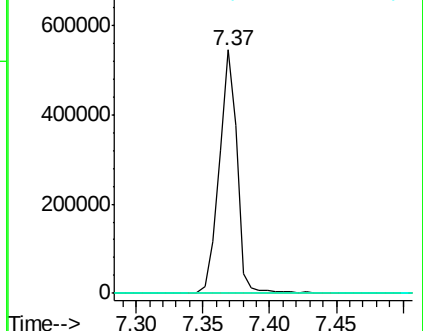
138 0.0 14.9 22.3#



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: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF104676.D

Acq: 20 Apr 2018 16:08

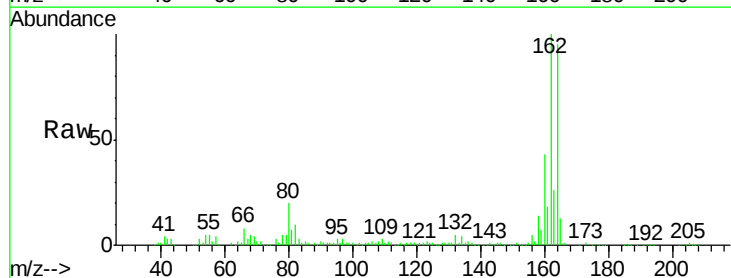
Tgt Ion:164 Resp: 173057

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

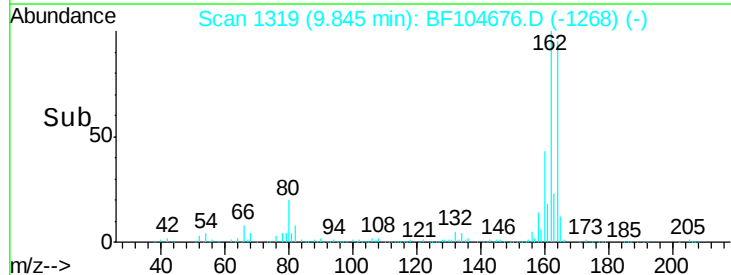
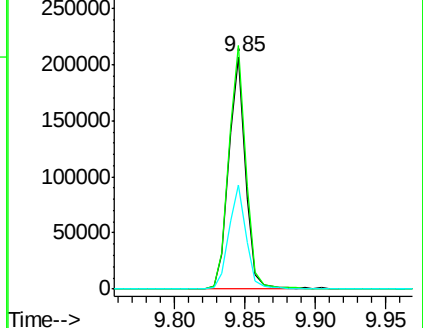
160 44.8 38.3 57.5

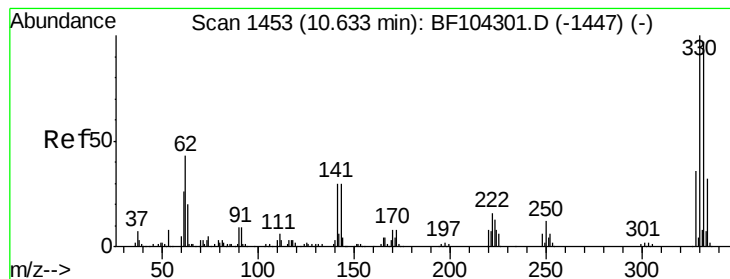


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 87.283 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF104676.D

Acq: 20 Apr 2018 16:08

Instrument :

BNA_F

ClientSampled :

SB-02

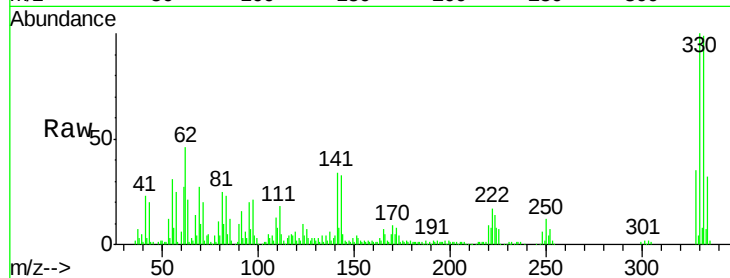
Tot Ion:330 Resp: 156687

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

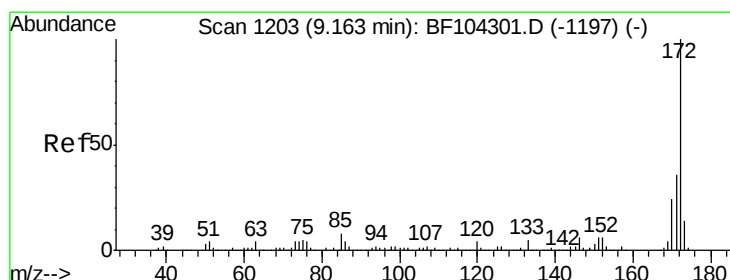
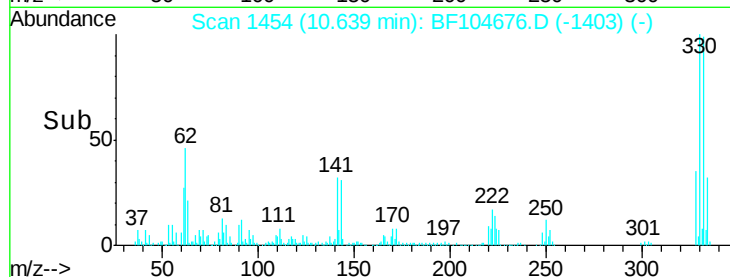
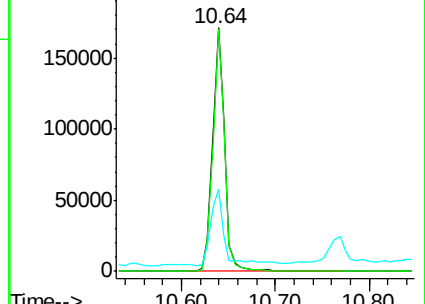
141 35.0 29.9 44.9



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: 75.917 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF104676.D

Acq: 20 Apr 2018 16:08

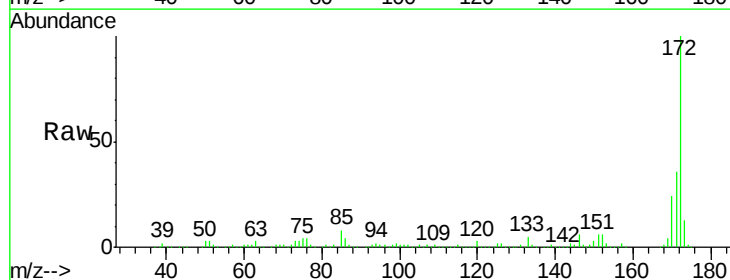
Tgt Ion:172 Resp: 831644

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

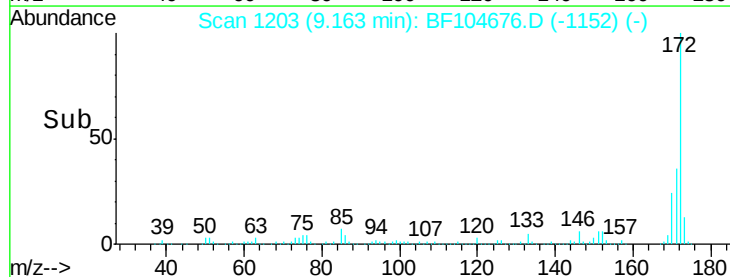
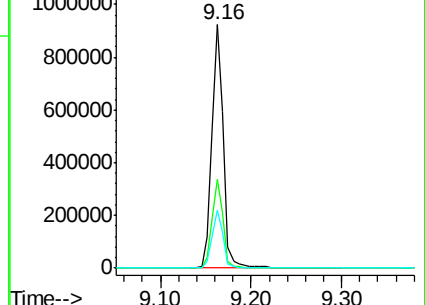
170 24.0 19.6 29.4

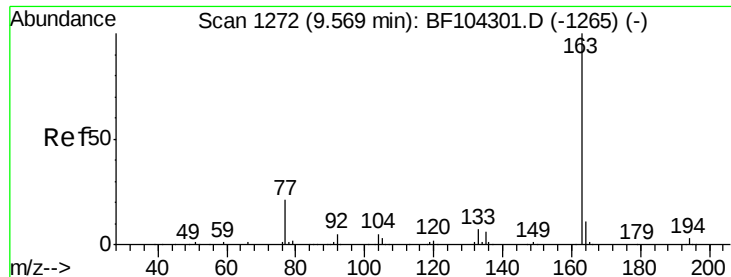


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.054 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF104676.D

Acq: 20 Apr 2018 16:08

Instrument :

BNA_F

ClientSampleId :

SB-02

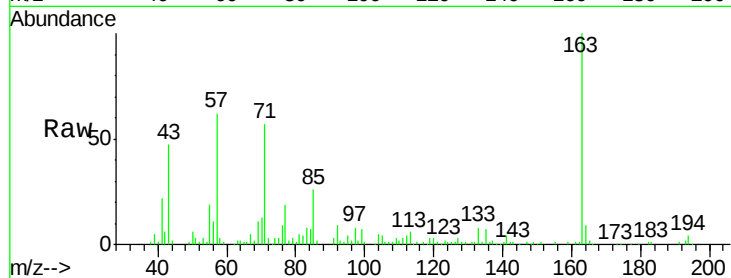
Tot Ion:163 Resp: 68972

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

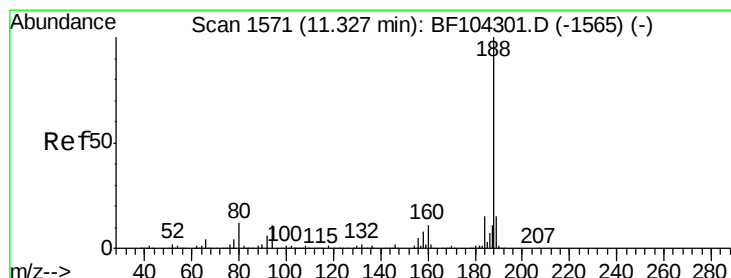
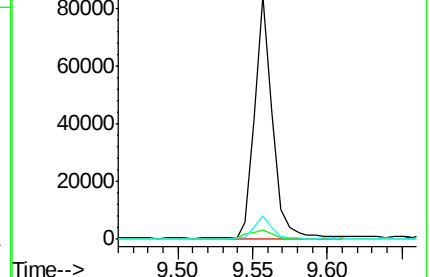
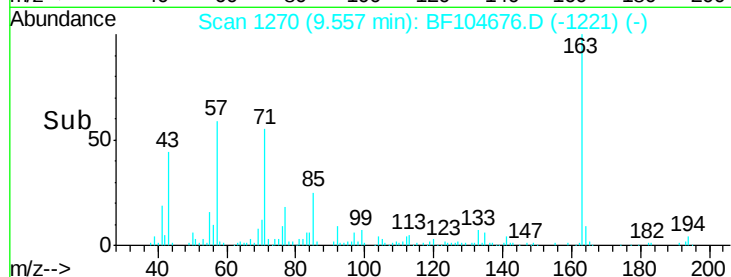
164 9.4 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF104676.D

Acq: 20 Apr 2018 16:08

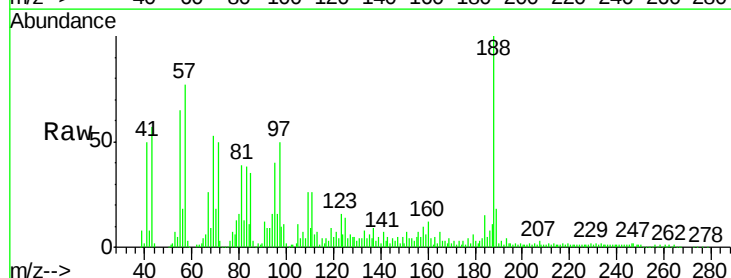
Tgt Ion:188 Resp: 208962

Ion Ratio Lower Upper

188 100

94 15.7 8.5 12.7#

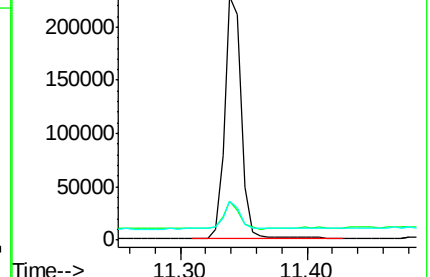
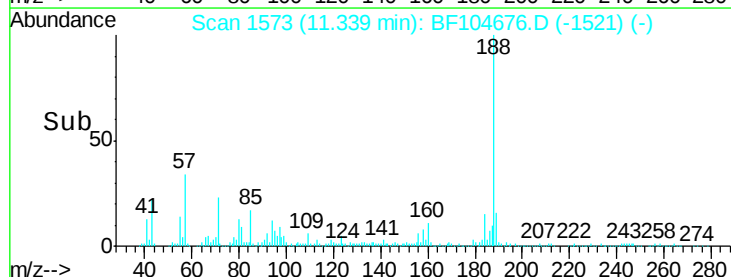
80 16.0 9.2 13.8#

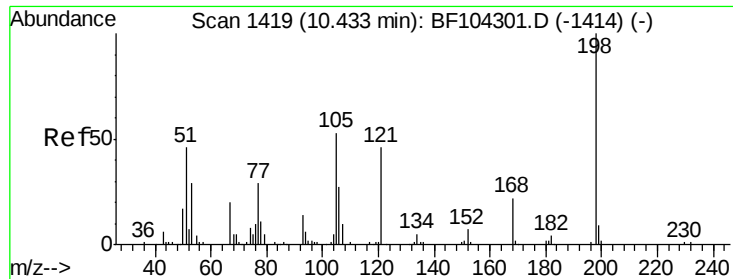


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

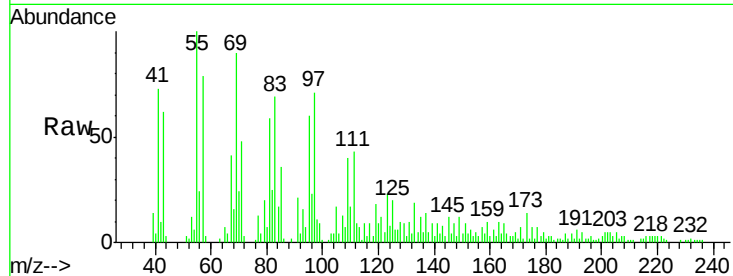




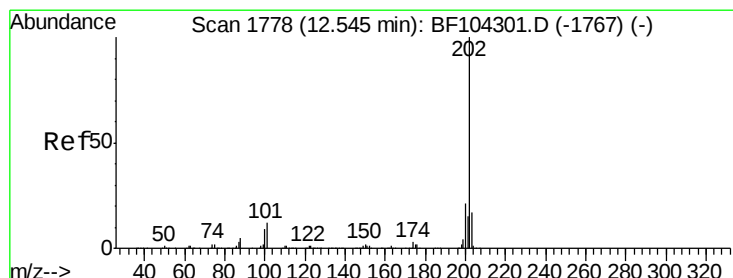
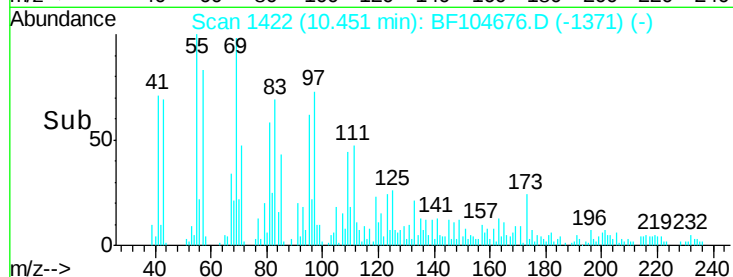
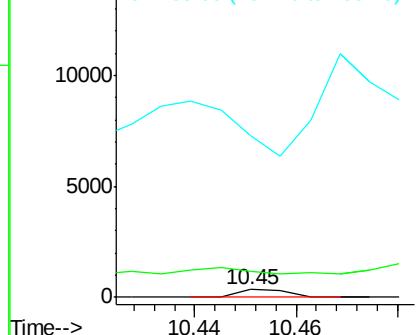
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.538 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF104676.D
 Acq: 20 Apr 2018 16:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-02

Tot Ion:198 Resp: 229
 Ion Ratio Lower Upper
 198 100
 51 349.7 37.7 77.7#
 105 2152.4 36.3 76.3#

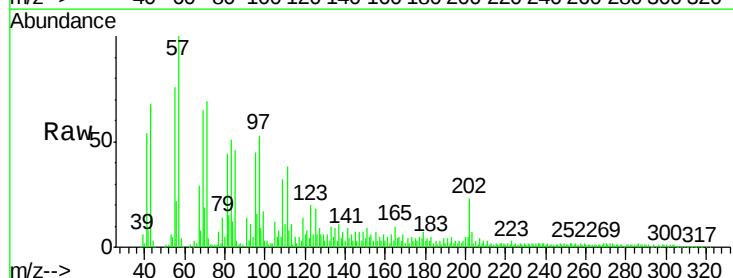


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

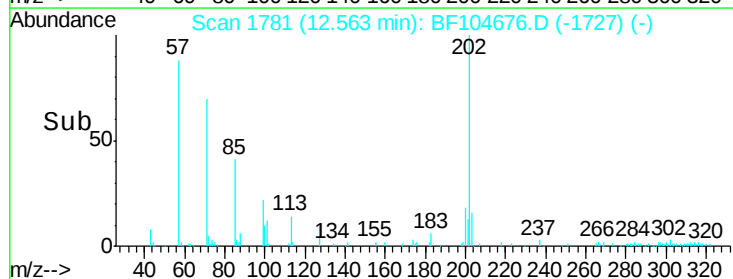
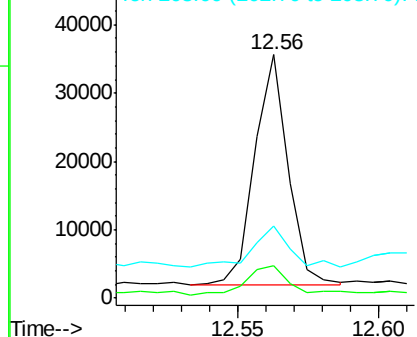


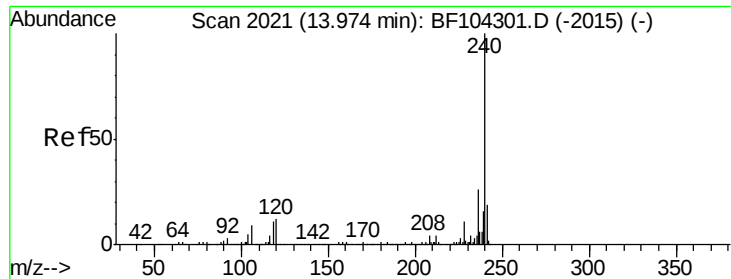
#74
 Fluoranthene
 Concen: 2.277 ng
 RT: 12.56 min Scan# 1781
 Delta R.T. 0.02 min
 Lab File: BF104676.D
 Acq: 20 Apr 2018 16:08

Tgt Ion:202 Resp: 27687
 Ion Ratio Lower Upper
 202 100
 101 13.1 0.0 34.1
 203 29.8 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: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF104676.D

Acq: 20 Apr 2018 16:08

Instrument :

BNA_F

ClientSampleId :

SB-02

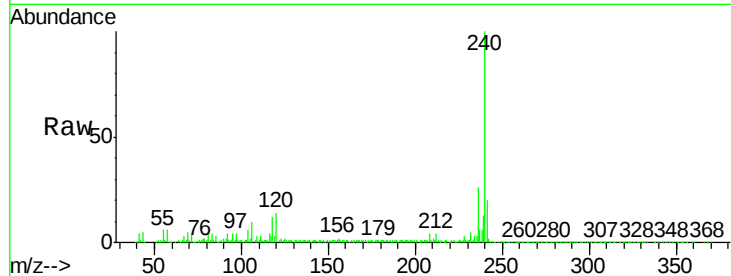
Tot Ion:240 Resp: 222641

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

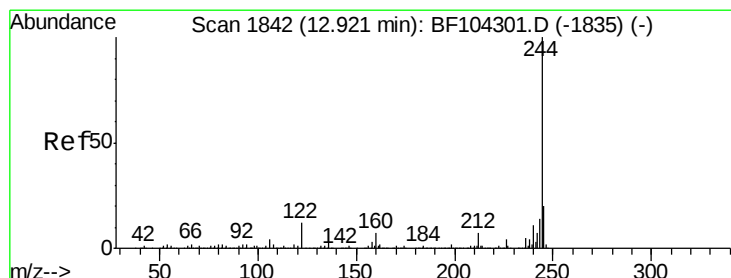
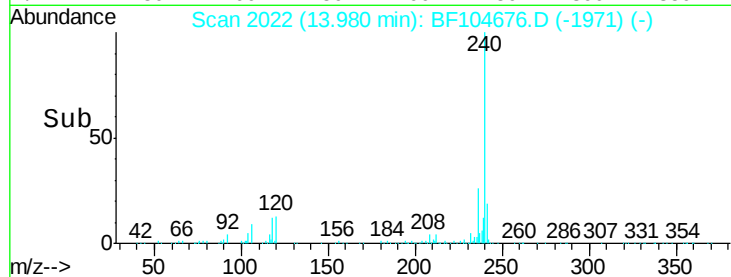
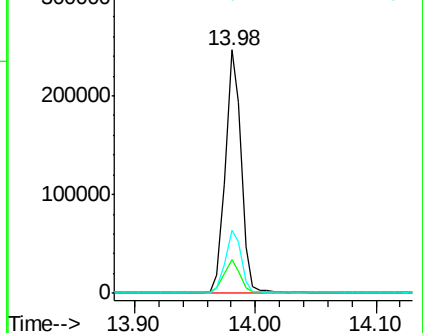
236 25.8 20.7 31.1



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: 63.732 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF104676.D

Acq: 20 Apr 2018 16:08

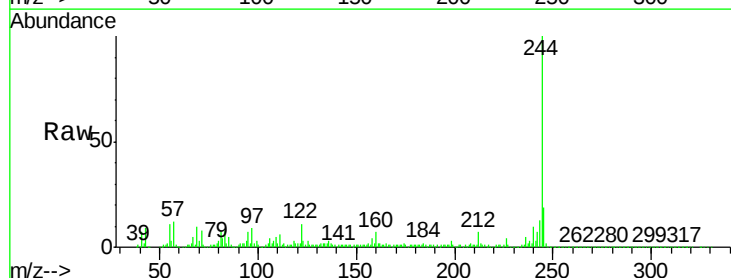
Tgt Ion:244 Resp: 622384

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

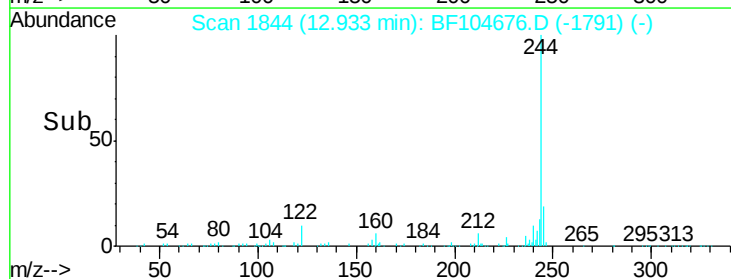
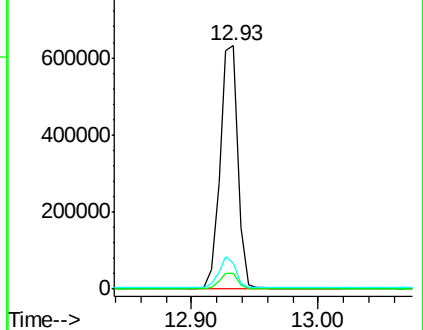
122 10.9 11.0 16.4#

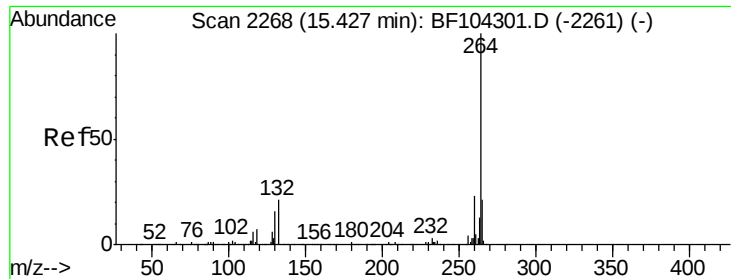


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



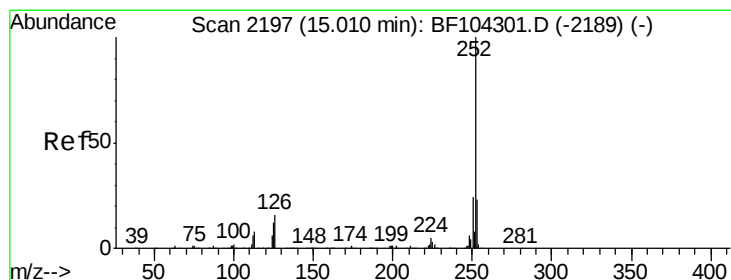
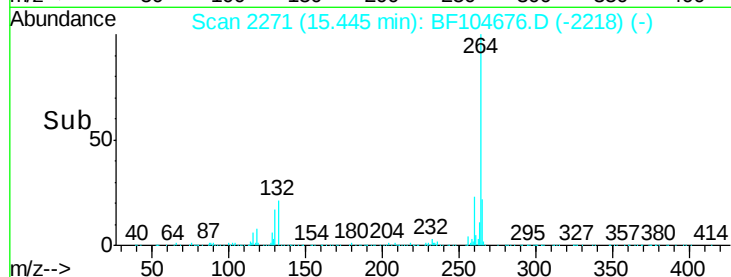
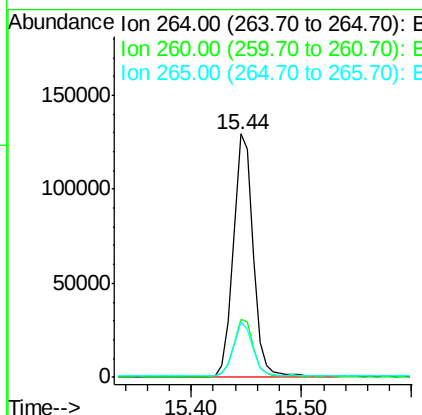
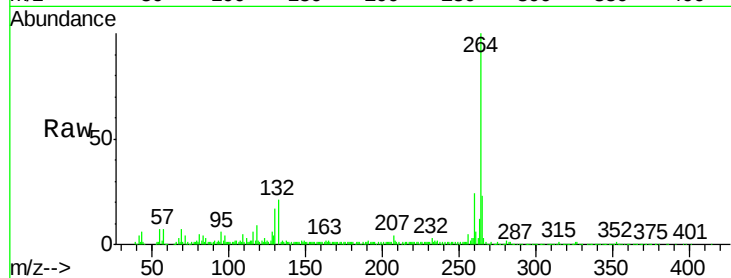


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF104676.D
Acq: 20 Apr 2018 16:08

Instrument :
BNA_F
ClientSampleId :
SB-02

Tot Ion:264 Resp: 163610

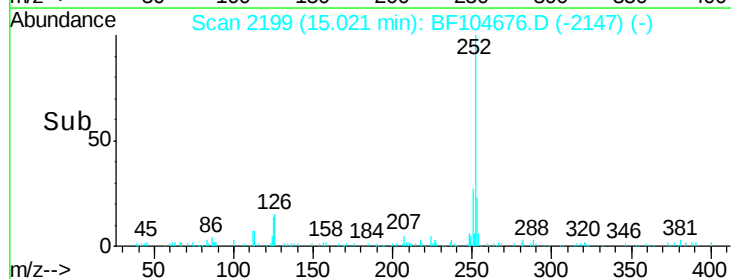
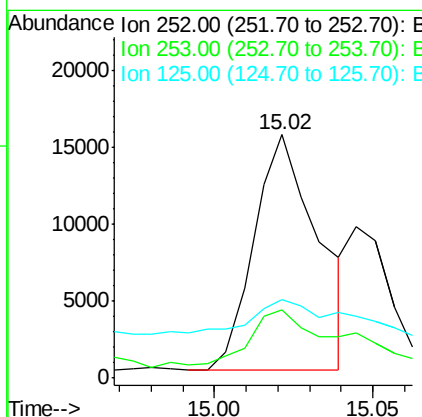
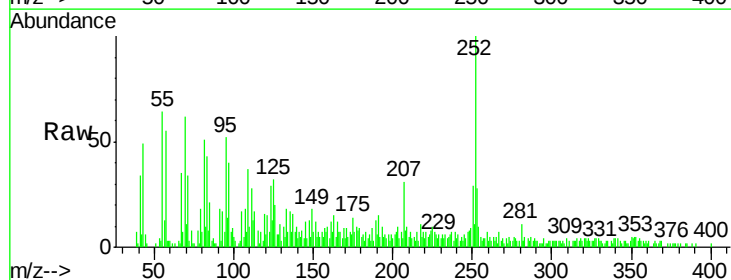
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.7	17.5	26.3

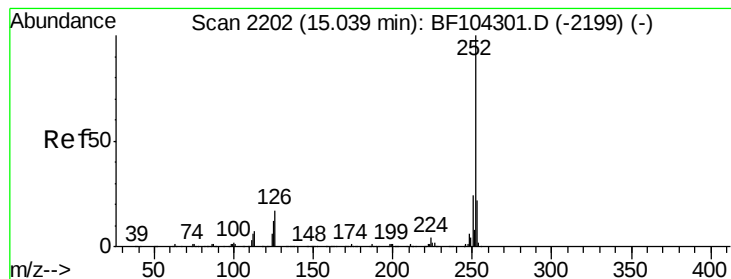


#87
Benzo(b)fluoranthene
Concen: 2.078 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF104676.D
Acq: 20 Apr 2018 16:08

Tgt Ion:252 Resp: 21477

Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.0	25.6#
125	32.3	9.0	13.6#





#88

Benzo(k)fluoranthene

Concen: 2.202 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BF104676.D

Acq: 20 Apr 2018 16:08

Instrument :

BNA_F

ClientSampleId :

SB-02

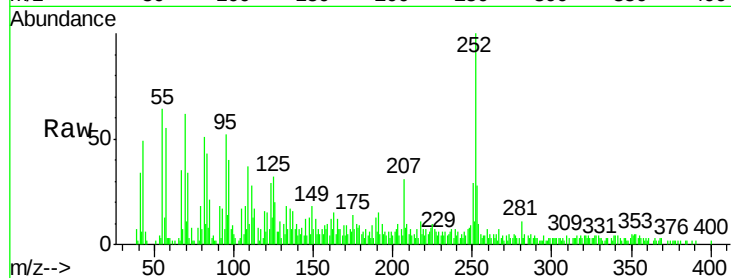
Tot Ion:252 Resp: 21477

Ion Ratio Lower Upper

252 100

253 27.8 17.9 26.9#

125 32.3 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

