

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104753.D
 Acq On : 24 Apr 2018 13:53
 Operator : JU/SJ
 Sample : J2490-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDP-B-3-0-6

Quant Time: Apr 25 11:17:43 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

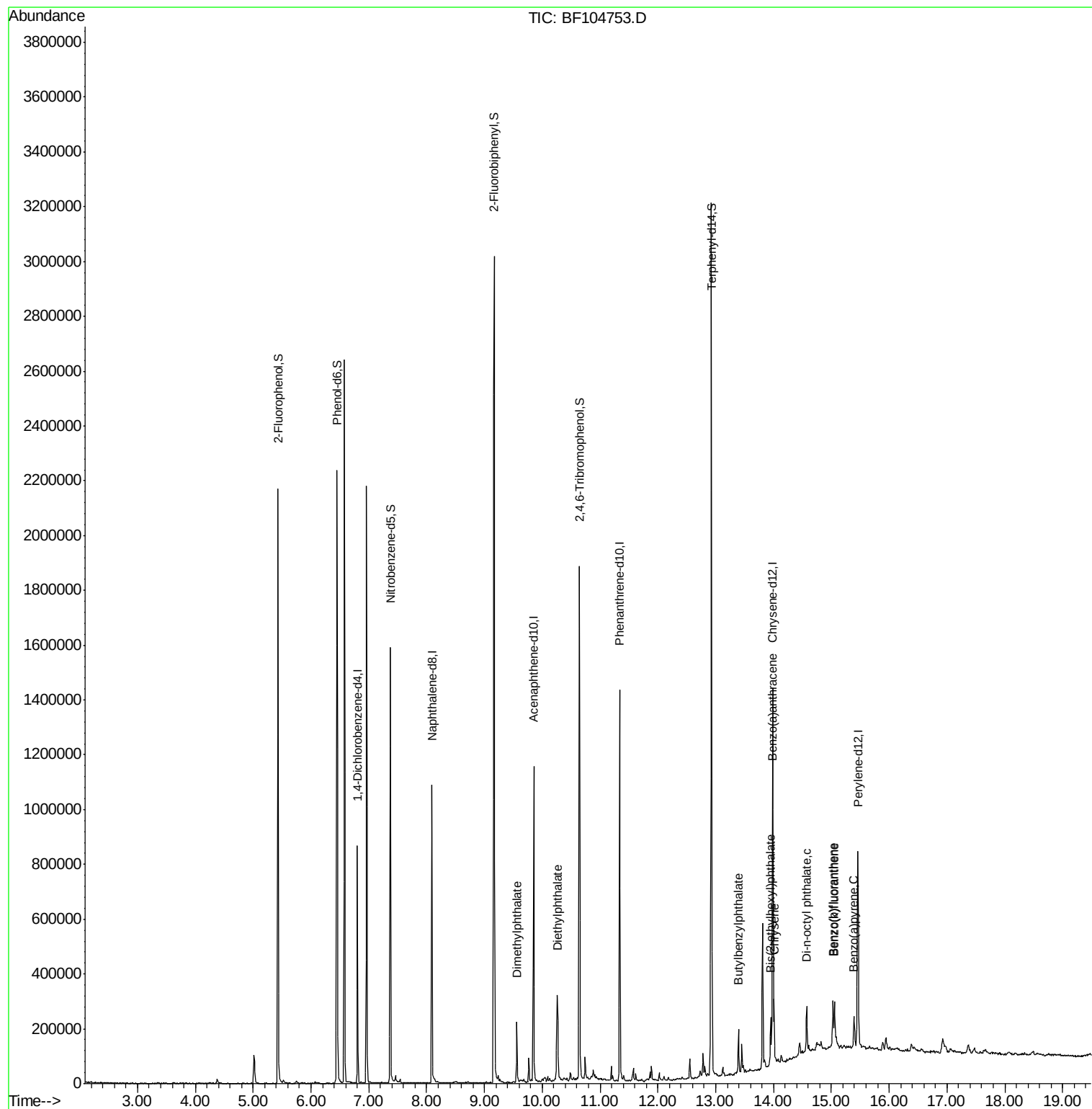
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	120910	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	510413	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	247793	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	487909	20.00	ng	0.00
75) Chrysene-d12	13.99	240	453787	20.00	ng	0.00
86) Perylene-d12	15.46	264	343676	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	675280	85.40	ng	0.01
7) Phenol-d6	6.45	99	843258	86.79	ng	0.00
23) Nitrobenzene-d5	7.37	82	527480	67.48	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	256206	99.67	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	977497	62.32	ng	0.00
78) Terphenyl-d14	12.93	244	1325424	66.59	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	92561	4.737	ng	Qvalue 100
59) Diethylphthalate	10.26	149	181465	9.325	ng	98
79) Butylbenzylphthalate	13.40	149	33729	2.128	ng	95
80) Benzo(a)anthracene	13.97	228	74205	2.737	ng	98
82) Chrysene	14.01	228	78209	2.809	ng	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	51158	2.510	ng	99
84) Di-n-octyl phthalate	14.57	149	82783	2.431	ng	# 95
87) Benzo(b)fluoranthene	15.03	252	80998	3.732	ng	98
88) Benzo(k)fluoranthene	15.06	252	73166	3.570	ng	97
89) Benzo(a)pyrene	15.39	252	60701	3.125	ng	# 97

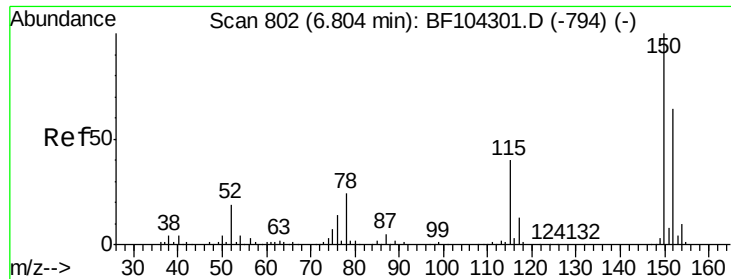
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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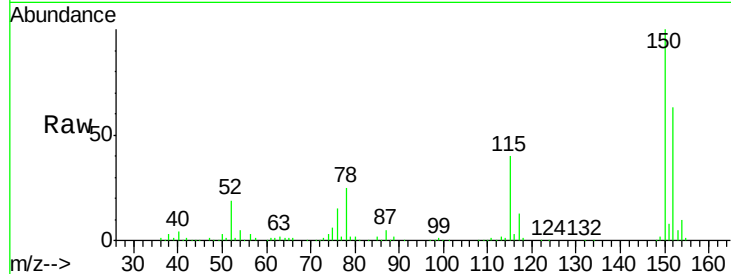


#1

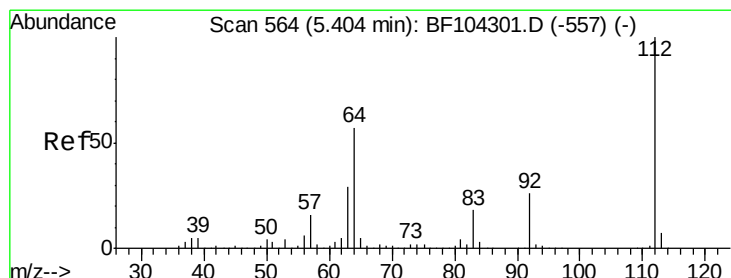
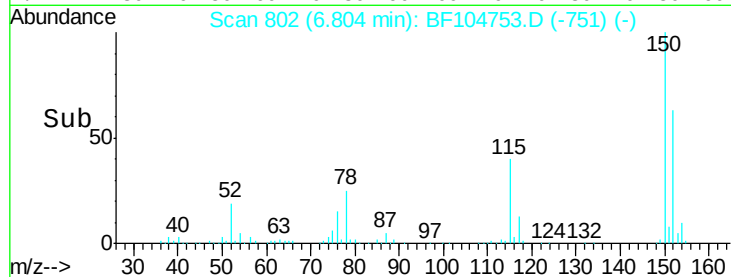
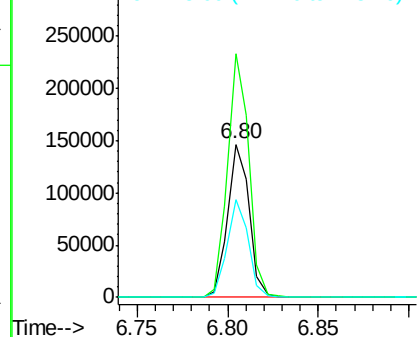
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104753.D
Acq: 24 Apr 2018 13:53

Instrument :
BNA_F
ClientSampleId :
MDP-B-3-0-6

Tot Ion:152 Resp: 120910
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 64.1 50.1 75.1



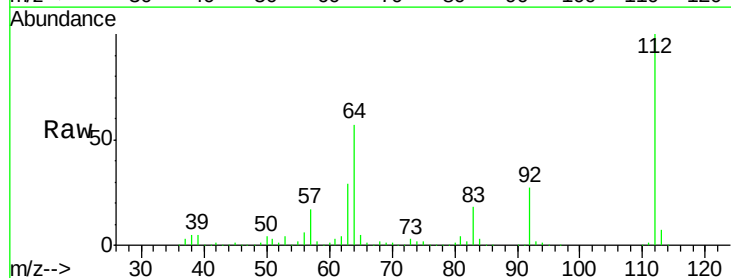
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



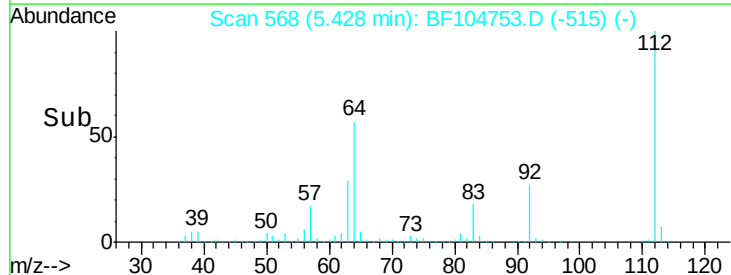
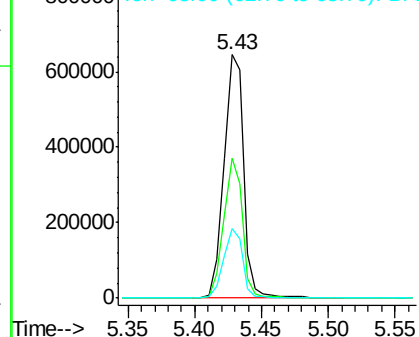
#5

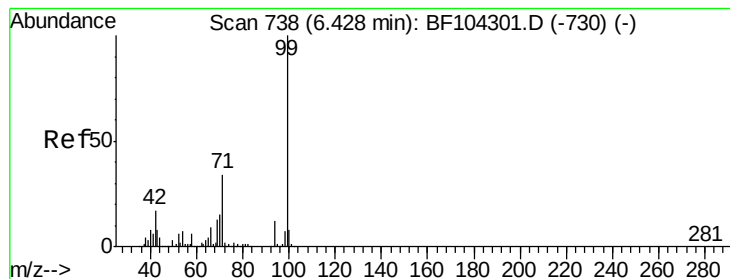
2-Fluorophenol
Concen: 85.397 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104753.D
Acq: 24 Apr 2018 13:53

Tgt Ion:112 Resp: 675280
Ion Ratio Lower Upper
112 100
64 57.4 47.9 71.9
63 28.7 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: 86.793 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104753.D

Acq: 24 Apr 2018 13:53

Instrument :

BNA_F

ClientSampleId :

MDP-B-3-0-6

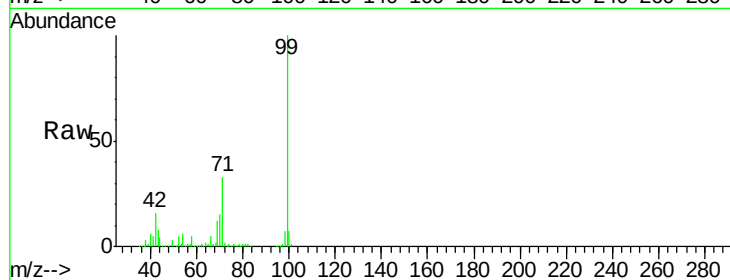
Tot Ion: 99 Resp: 843258

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

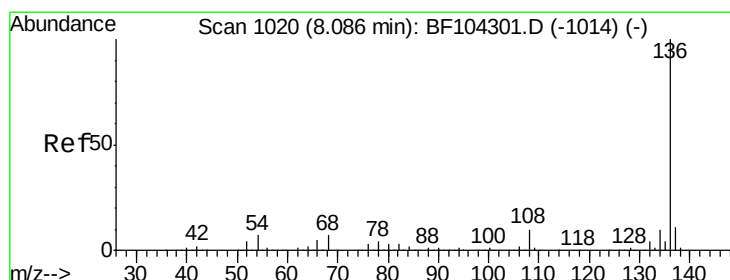
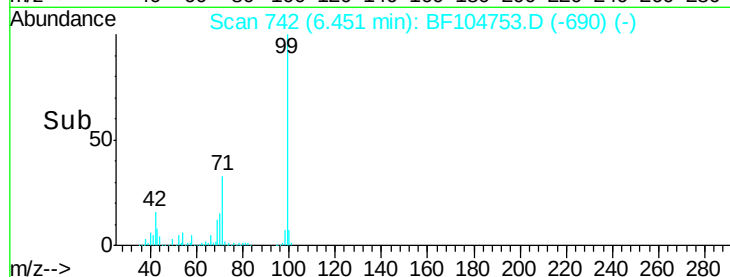
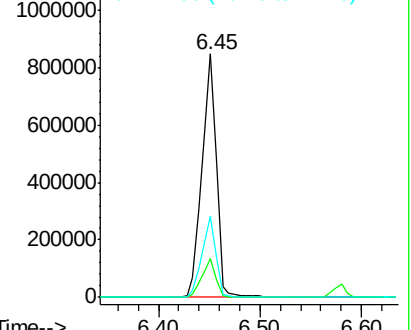
71 33.2 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104753.D

Acq: 24 Apr 2018 13:53

Tgt Ion: 136 Resp: 510413

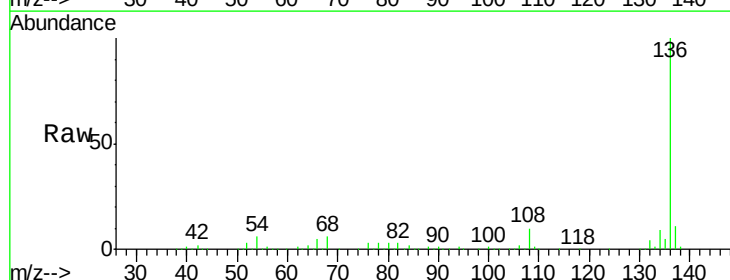
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.4 6.6 9.8#

68 5.7 5.0 7.4

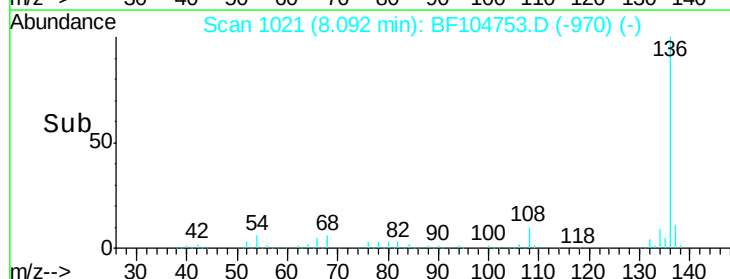
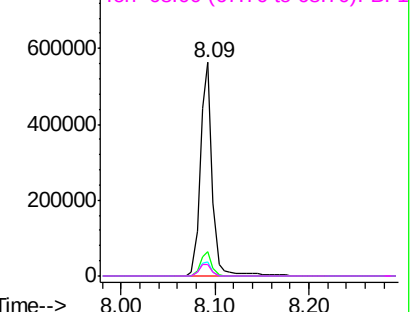


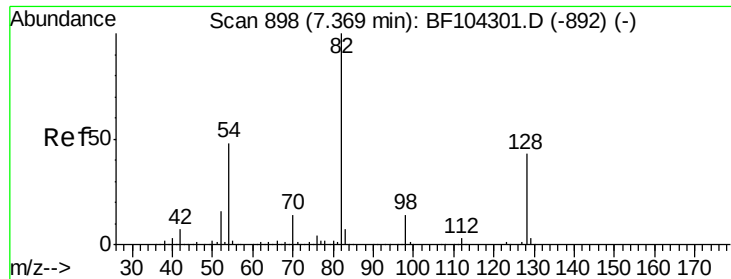
Abundance Ion 136.00 (135.70 to 136.70): E

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

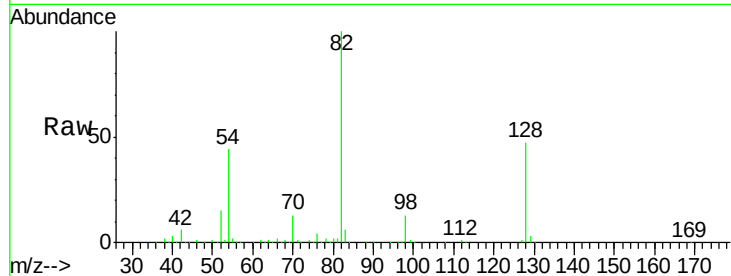




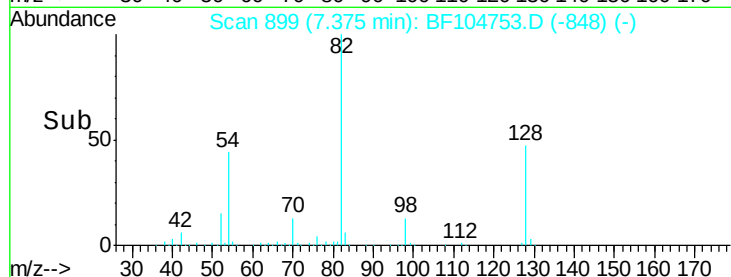
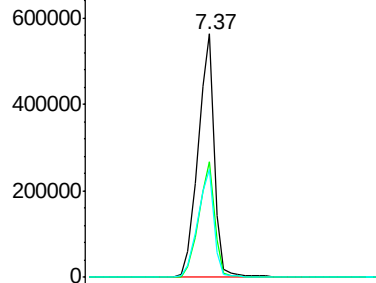
#23
 Nitrobenzene-d5
 Concen: 67.481 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF104753.D
 Acq: 24 Apr 2018 13:53

Instrument :
 BNA_F
 ClientSampleId :
 MDP-B-3-0-6

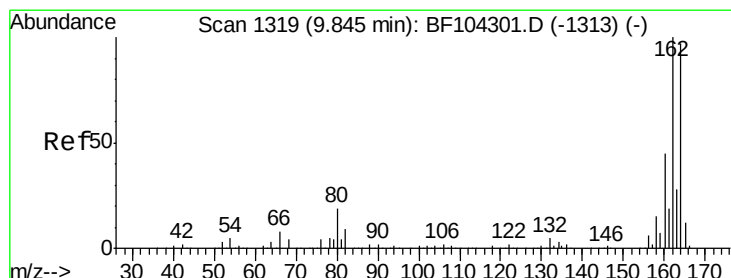
Tot Ion	82	Resp	527480
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
128	47.5		
54	44.3		
	41.4		
	62.2		



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

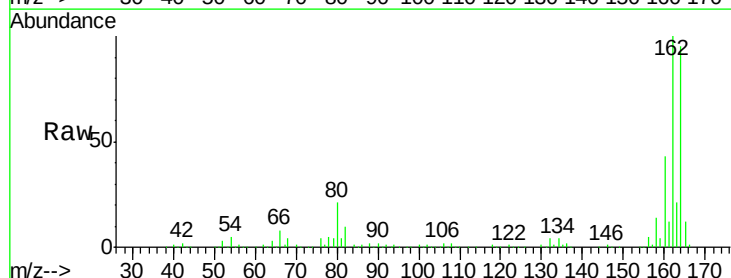


Time-->

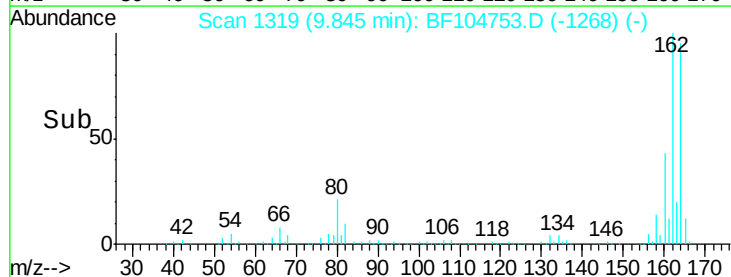
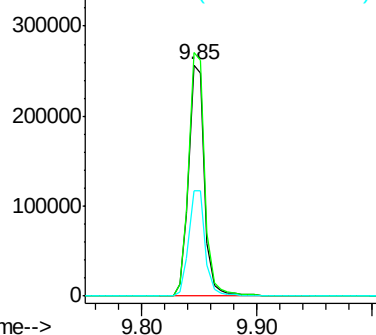


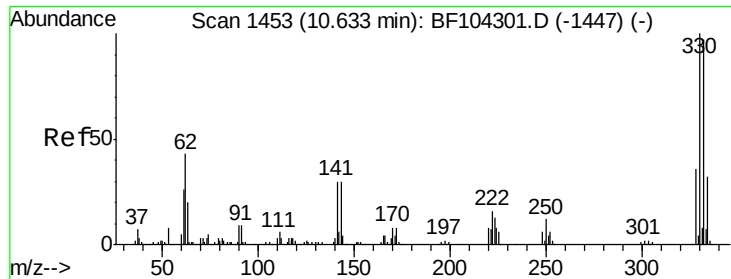
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104753.D
 Acq: 24 Apr 2018 13:53

Tgt Ion	164	Resp	247793
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	105.3		
160	45.5		
	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

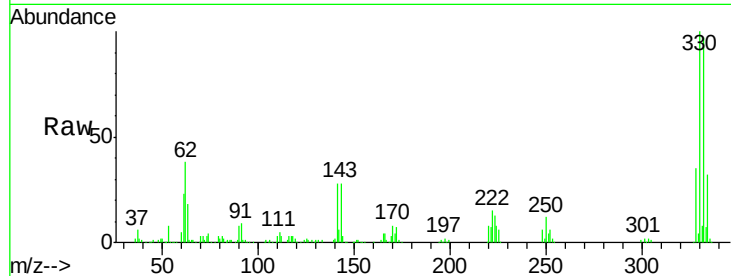




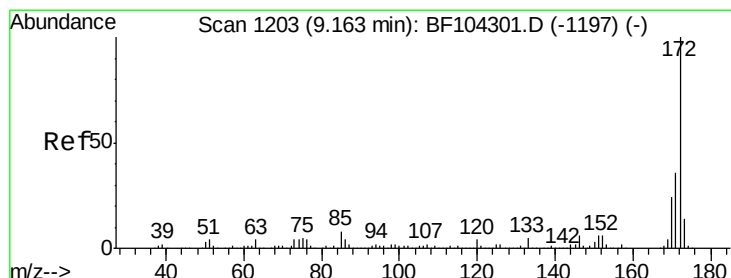
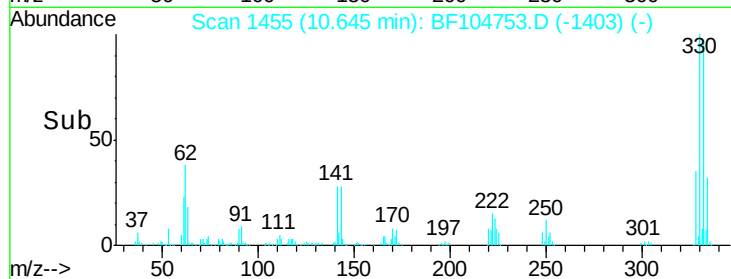
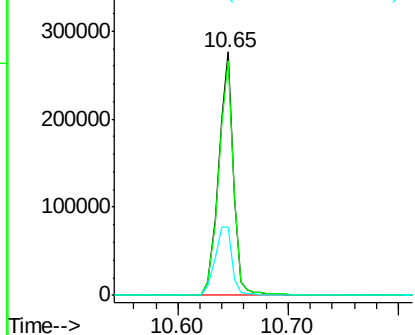
#41
 2,4,6-Tribromophenol
 Concen: 99.675 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104753.D
 Acq: 24 Apr 2018 13:53

Instrument :
 BNA_F
 ClientSampleId :
 MDP-B-3-0-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	32.8	29.9	44.9

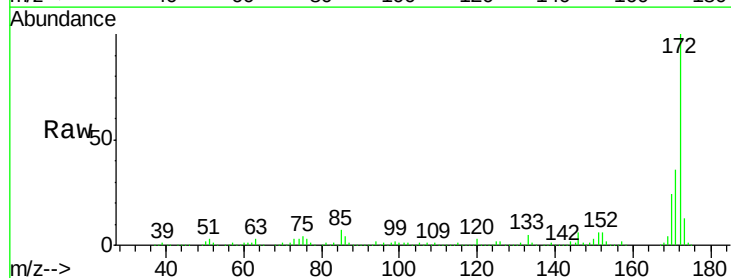


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

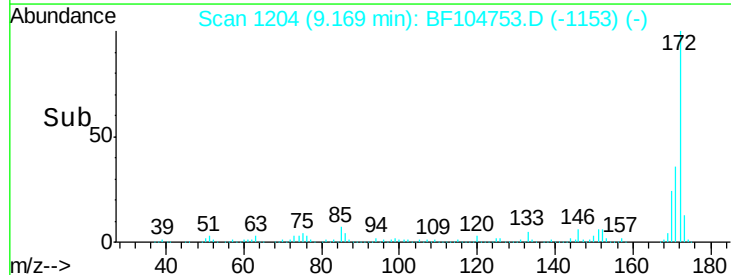
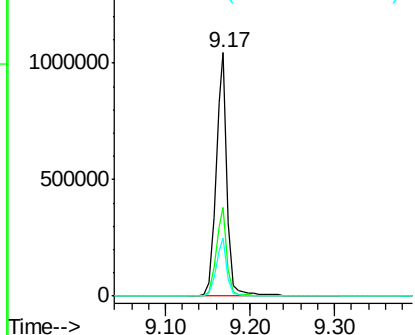


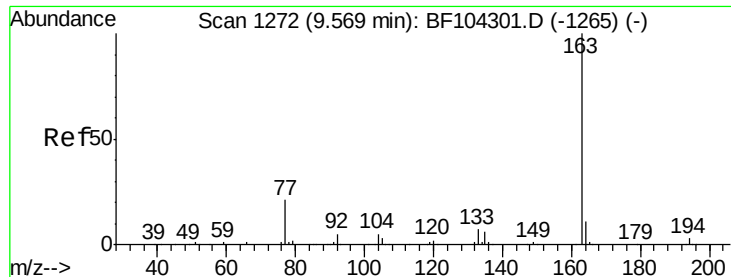
#44
 2-Fluorobiphenyl
 Concen: 62.318 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104753.D
 Acq: 24 Apr 2018 13:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	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

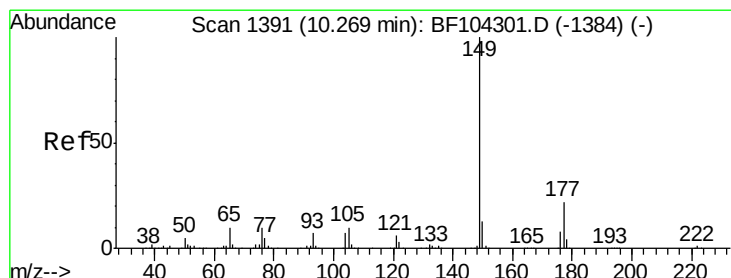
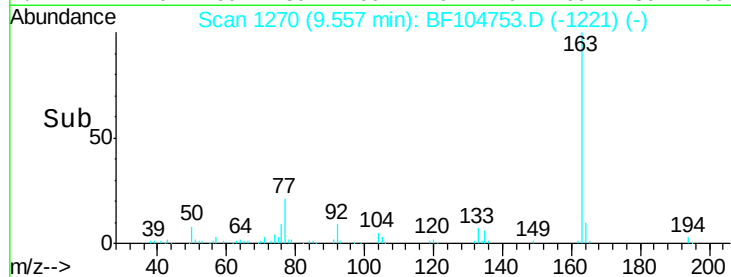
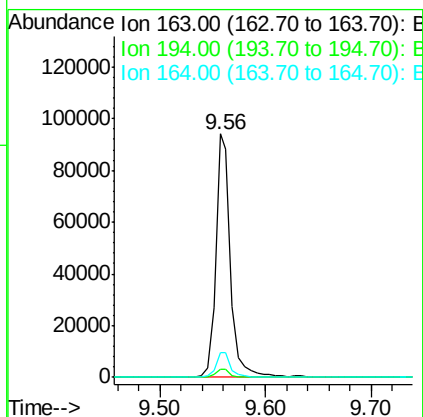
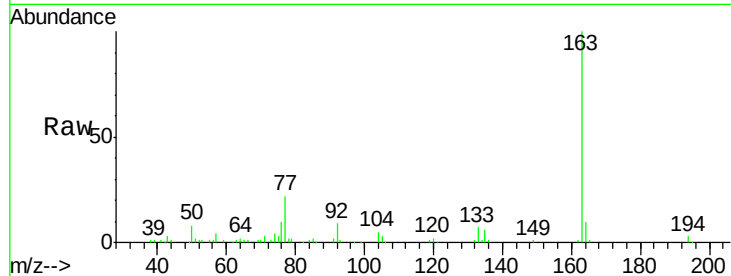




#49
Dimethylphthalate
Concen: 4.737 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104753.D
Acq: 24 Apr 2018 13:53

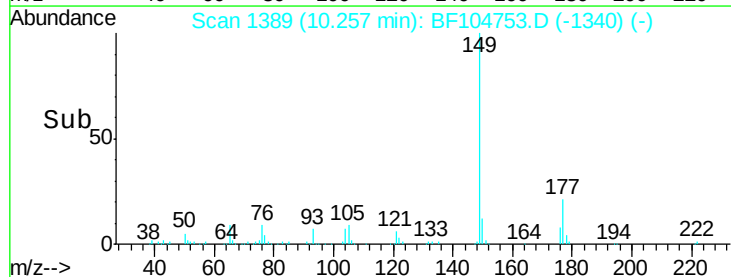
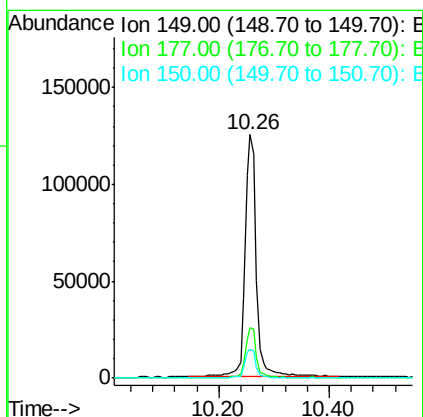
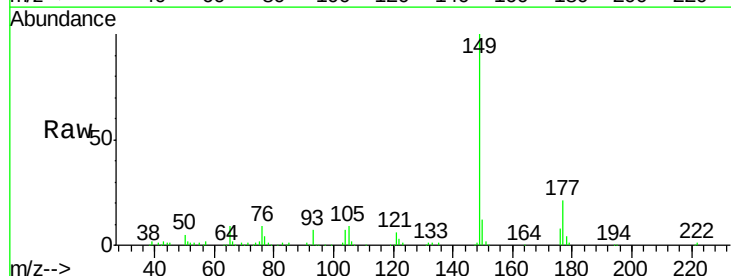
Instrument :
BNA_F
ClientSampleId :
MDP-B-3-0-6

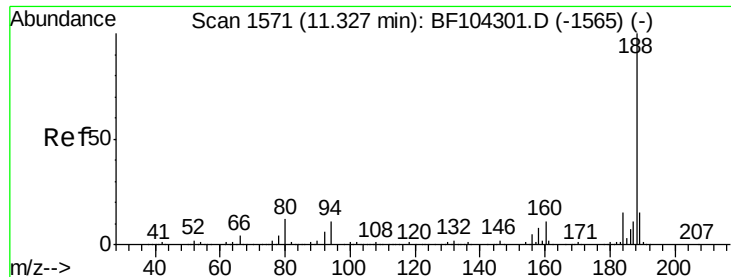
Tot Ion:163 Resp: 92561
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.1 8.2 12.2



#59
Diethylphthalate
Concen: 9.325 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF104753.D
Acq: 24 Apr 2018 13:53

Tgt Ion:149 Resp: 181465
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 11.9 10.1 15.1

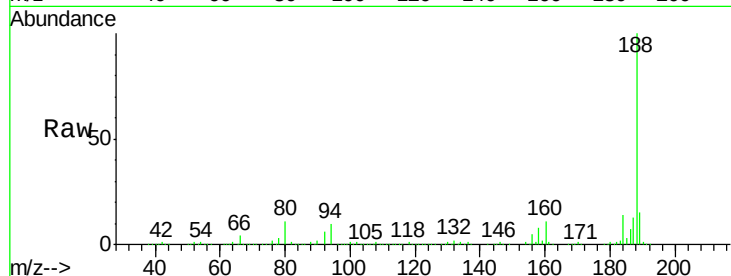




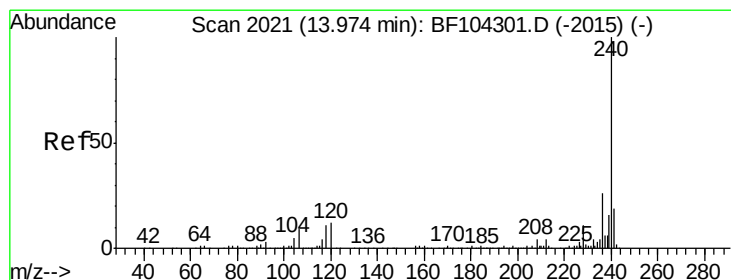
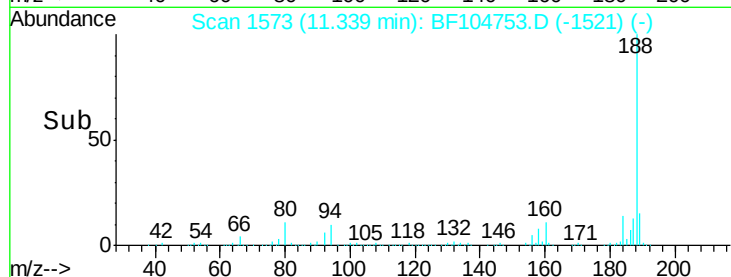
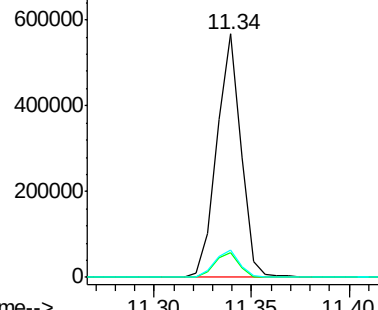
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104753.D
Acq: 24 Apr 2018 13:53

Instrument :
BNA_F
ClientSampleId :
MDP-B-3-0-6

Tot Ion:188 Resp: 487909
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.3 9.2 13.8

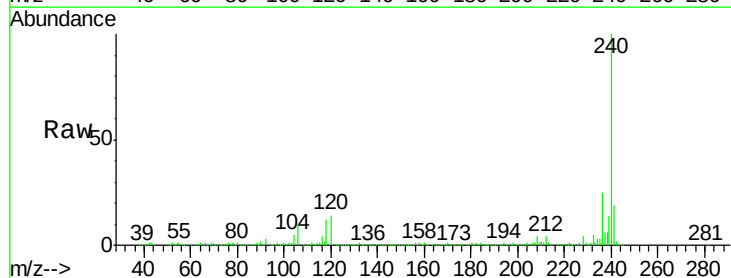


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

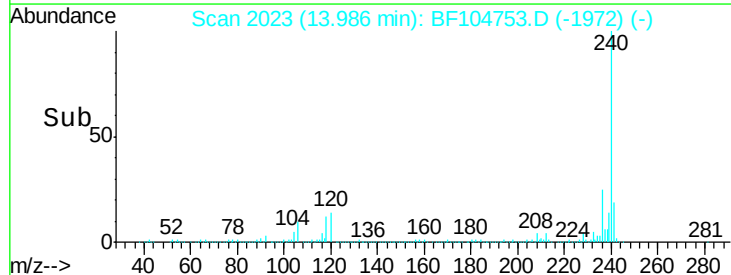
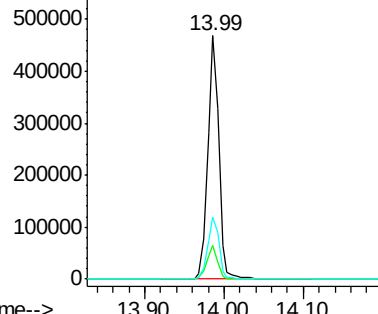


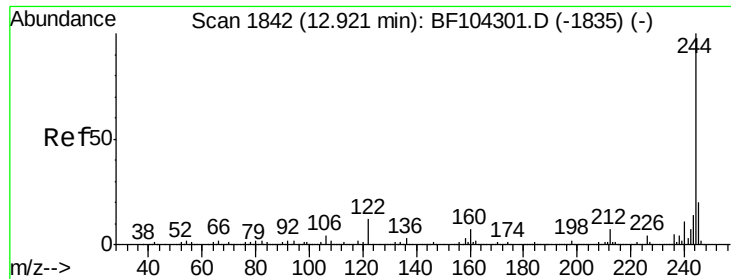
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF104753.D
Acq: 24 Apr 2018 13:53

Tgt Ion:240 Resp: 453787
Ion Ratio Lower Upper
240 100
120 13.7 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: 66.589 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104753.D

Acq: 24 Apr 2018 13:53

Instrument :

BNA_F

ClientSampleId :

MDP-B-3-0-6

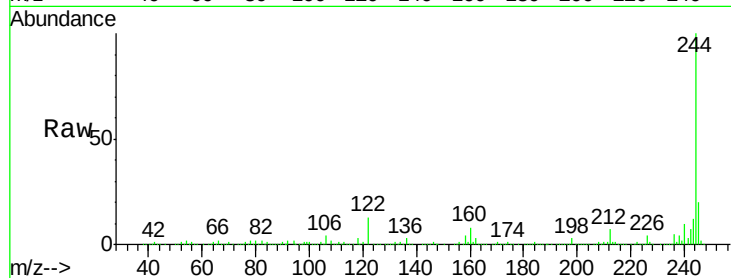
Tot Ion:244 Resp: 1325424

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

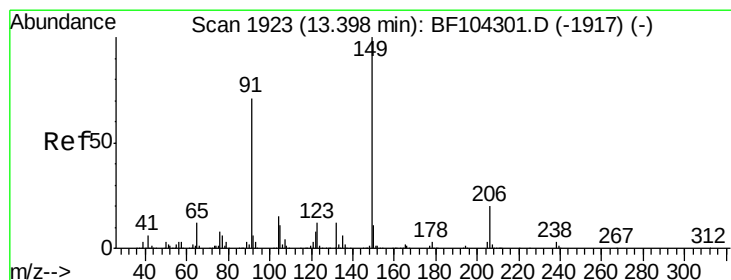
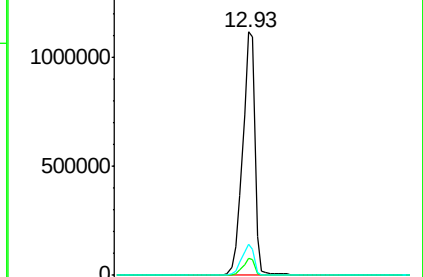
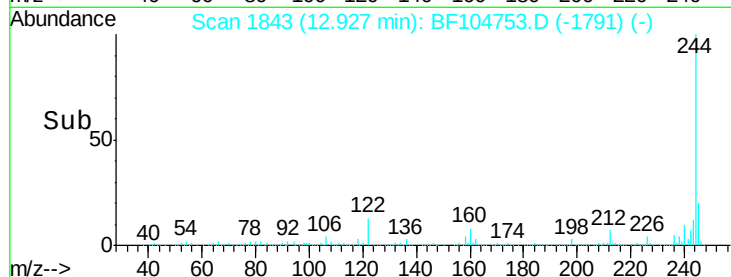
122 13.0 11.0 16.4



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



#79

Butylbenzylphthalate

Concen: 2.128 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.01 min

Lab File: BF104753.D

Acq: 24 Apr 2018 13:53

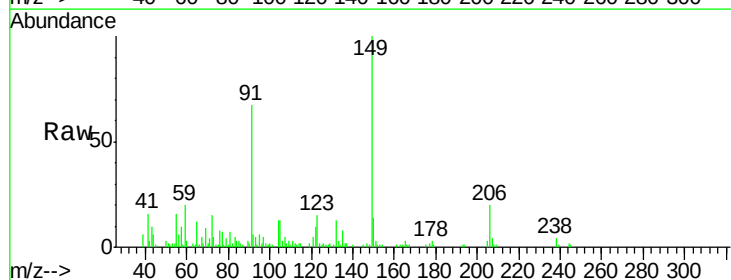
Tgt Ion:149 Resp: 33729

Ion Ratio Lower Upper

149 100

91 67.2 56.8 85.2

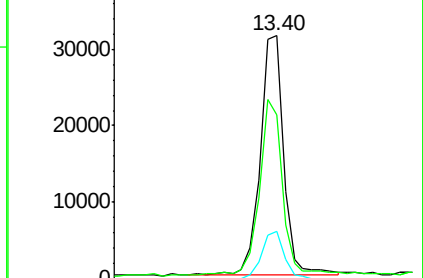
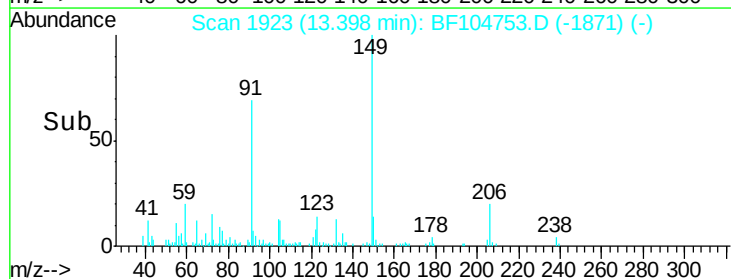
206 19.5 14.1 21.1

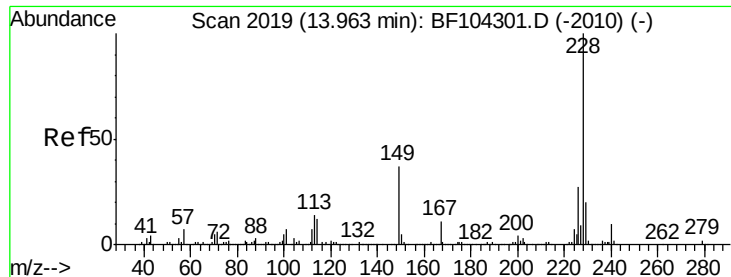


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

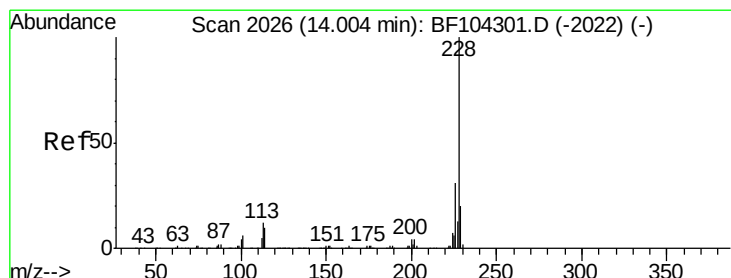
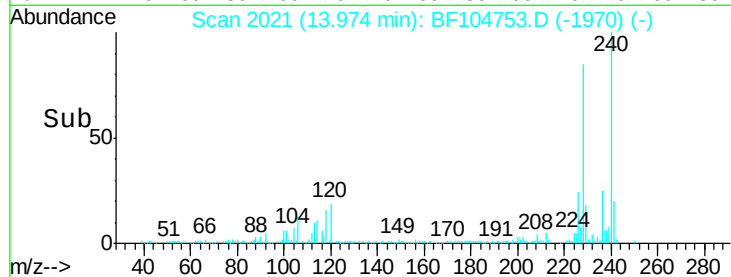
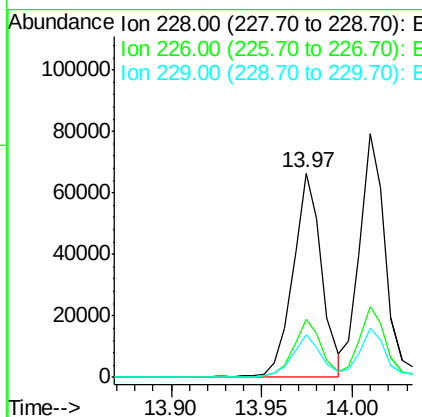
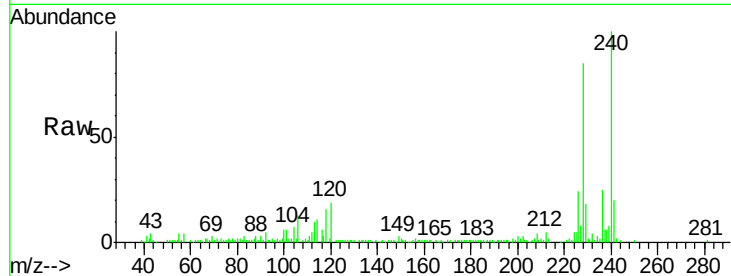




#80
Benzo(a)anthracene
Concen: 2.737 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF104753.D
Acq: 24 Apr 2018 13:53

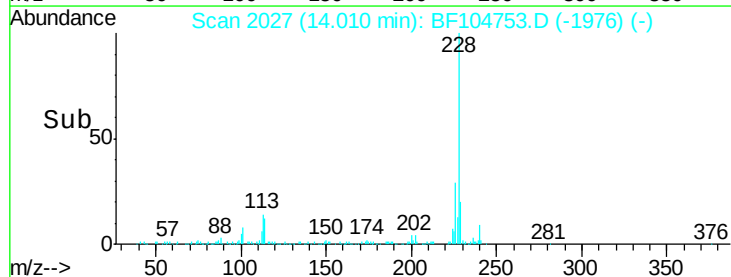
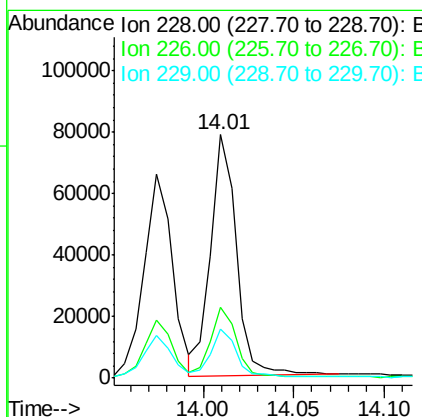
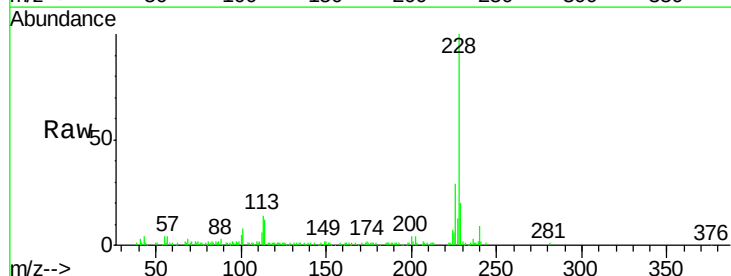
Instrument :
BNA_F
ClientSampleId :
MDP-B-3-0-6

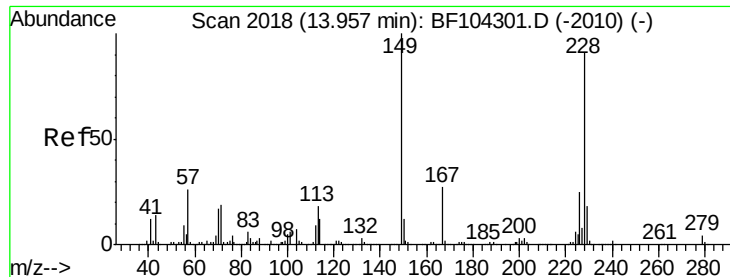
Tot Ion:228 Resp: 74205
Ion Ratio Lower Upper
228 100
226 28.6 22.6 33.8
229 21.0 15.8 23.6



#82
Chrysene
Concen: 2.809 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF104753.D
Acq: 24 Apr 2018 13:53

Tgt Ion:228 Resp: 78209
Ion Ratio Lower Upper
228 100
226 29.3 25.0 37.6
229 20.2 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.510 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF104753.D

Acq: 24 Apr 2018 13:53

Instrument :

BNA_F

ClientSampleId :

MDP-B-3-0-6

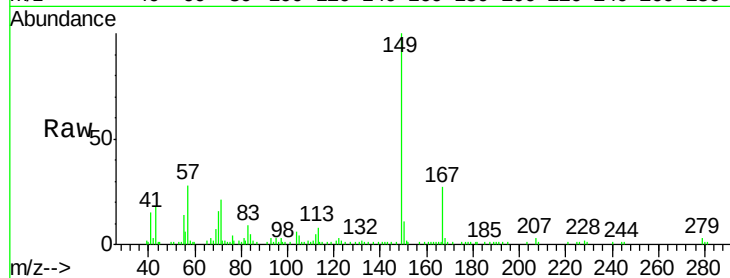
Tot Ion:149 Resp: 51158

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

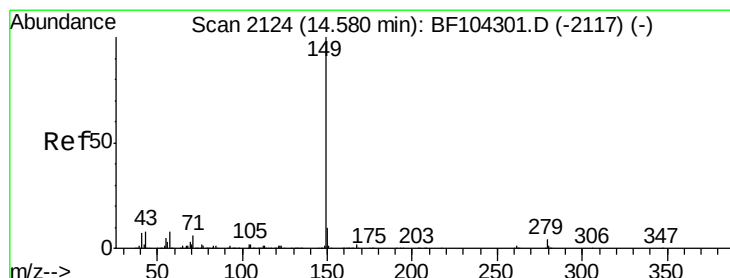
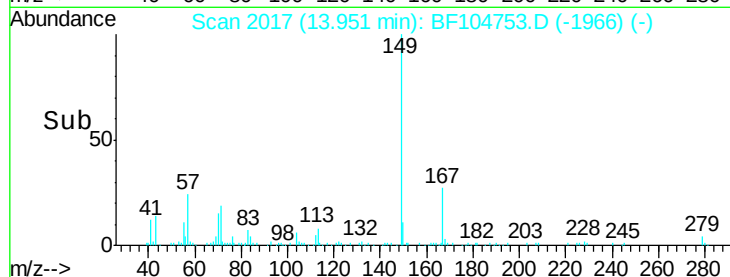
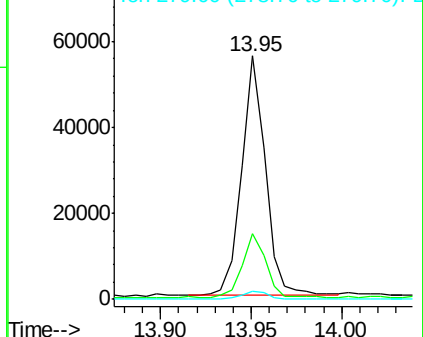
279 3.5 3.0 4.4



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



#84

Di-n-octyl phthalate

Concen: 2.431 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BF104753.D

Acq: 24 Apr 2018 13:53

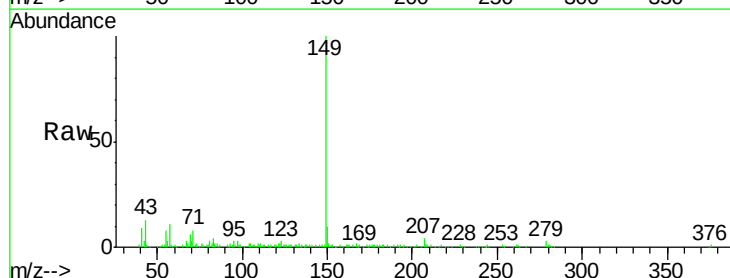
Tgt Ion:149 Resp: 82783

Ion Ratio Lower Upper

149 100

167 3.8 1.2 1.8#

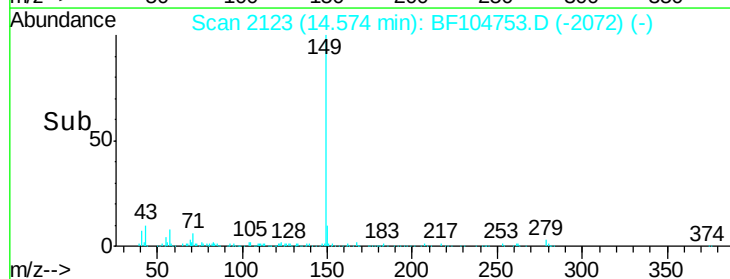
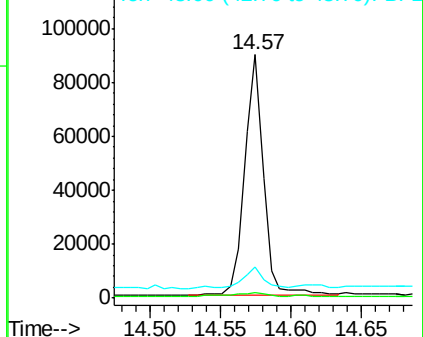
43 8.9 8.4 12.6

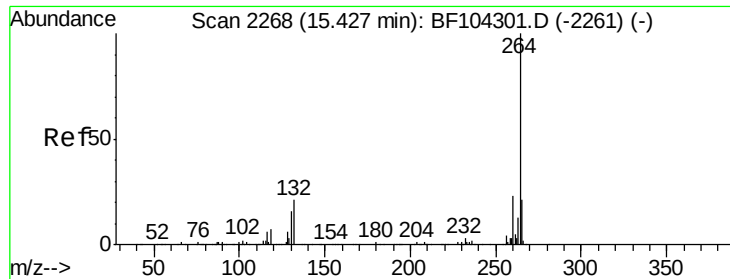


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

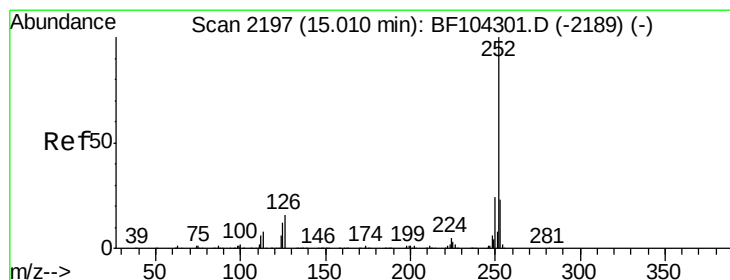
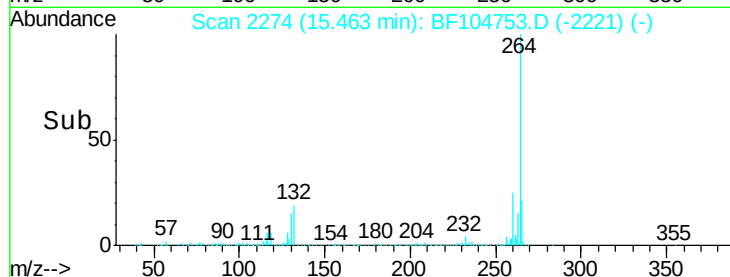
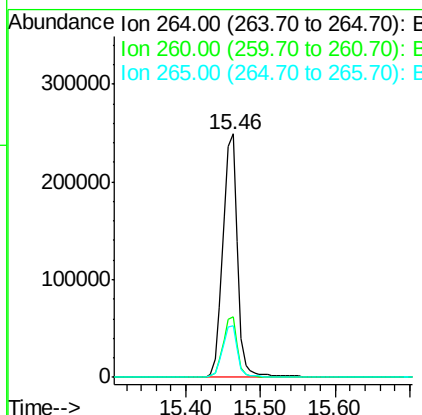
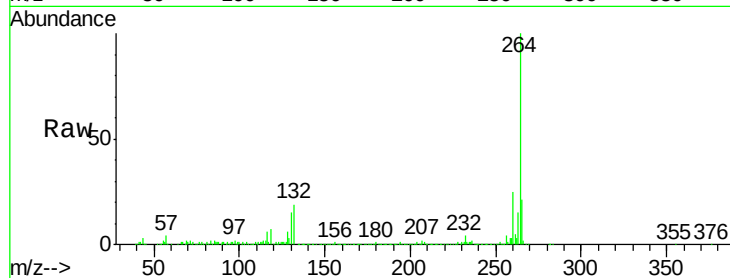




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF104753.D
Acq: 24 Apr 2018 13:53

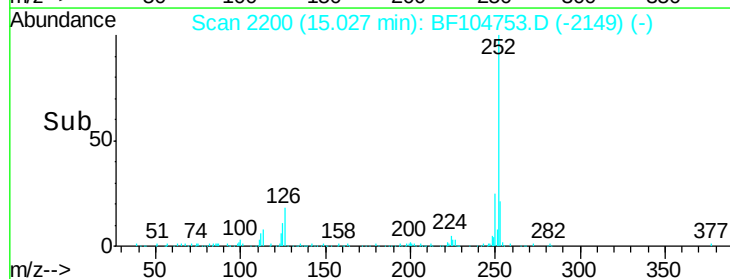
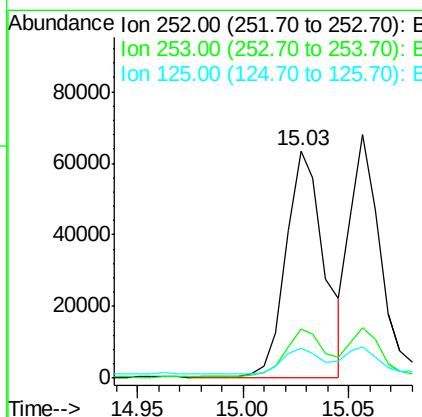
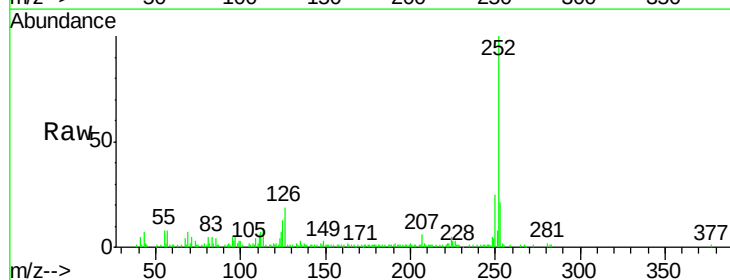
Instrument :
BNA_F
ClientSampleId :
MDP-B-3-0-6

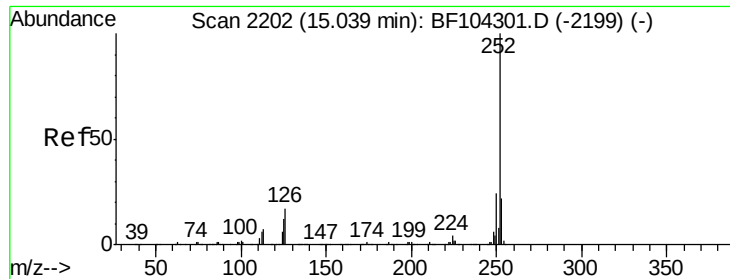
Tot Ion:264 Resp: 343676
Ion Ratio Lower Upper
264 100
260 25.1 19.2 28.8
265 21.3 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 3.732 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BF104753.D
Acq: 24 Apr 2018 13:53

Tgt Ion:252 Resp: 80998
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 13.2 9.0 13.6





#88

Benzo(k)fluoranthene

Concen: 3.570 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BF104753.D

Acq: 24 Apr 2018 13:53

Instrument :

BNA_F

ClientSampleId :

MDP-B-3-0-6

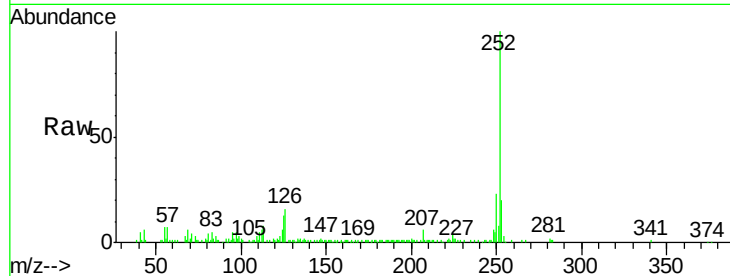
Tot Ion:252 Resp: 73166

Ion Ratio Lower Upper

252 100

253 20.4 17.9 26.9

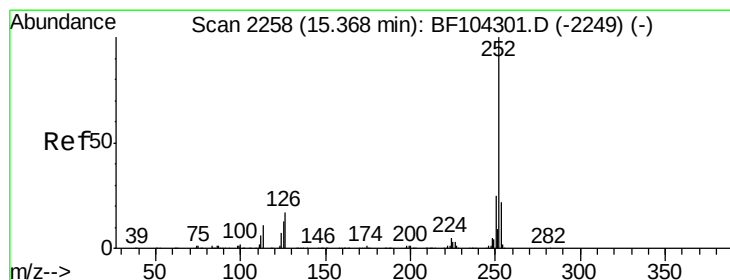
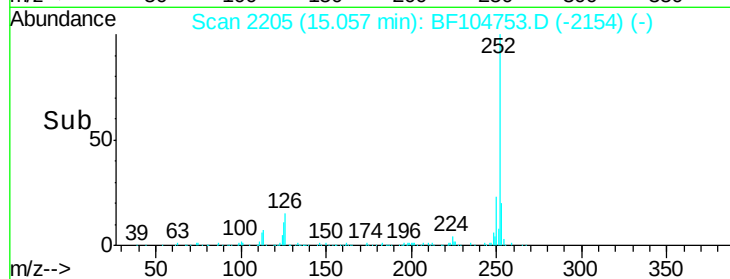
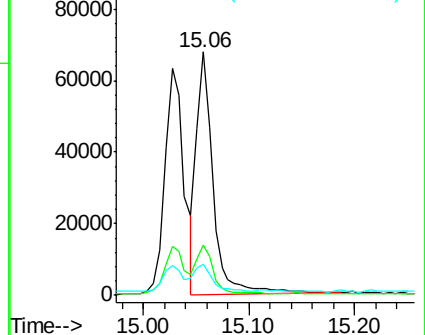
125 12.8 10.2 15.2



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



#89

Benzo(a)pyrene

Concen: 3.125 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BF104753.D

Acq: 24 Apr 2018 13:53

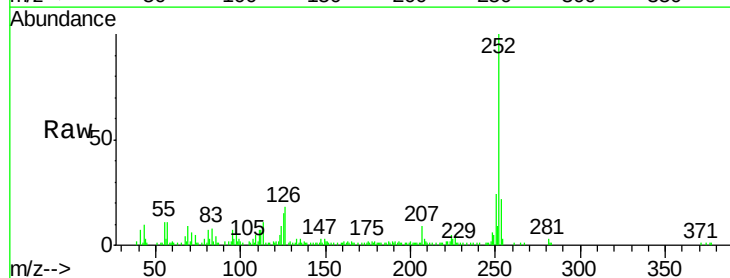
Tgt Ion:252 Resp: 60701

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 14.8 9.8 14.6#



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

