

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104799.D
 Acq On : 25 Apr 2018 19:54
 Operator : JU/SJ
 Sample : J2158-03 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-042418

Quant Time: Apr 26 11:52:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

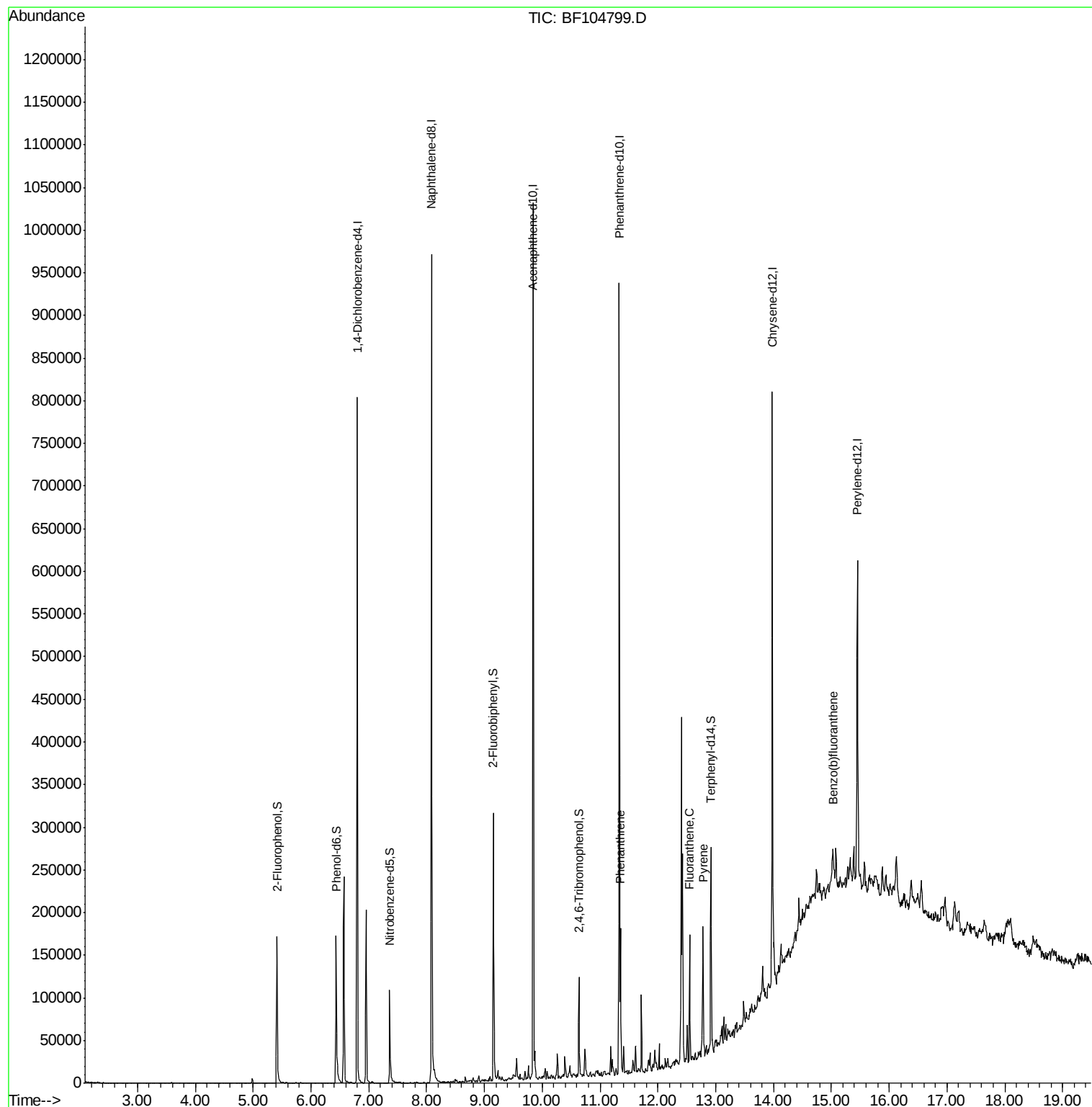
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	114803	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	469631	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	208274	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	314897	20.00	ng	0.00
75) Chrysene-d12	13.98	240	215013	20.00	ng	0.00
86) Perylene-d12	15.45	264	155305	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	60379	8.04	ng	0.00
7) Phenol-d6	6.43	99	75215	8.15	ng	-0.01
23) Nitrobenzene-d5	7.36	82	44035	6.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	14343	6.64	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	100188	7.60	ng	0.00
78) Terphenyl-d14	12.92	244	69531	7.37	ng	0.00
Target Compounds						
70) Phenanthrene	11.36	178	58898	3.359	ng	97
74) Fluoranthene	12.55	202	58912	3.215	ng	97
77) Pyrene	12.78	202	50939	3.196	ng	99
87) Benzo(b)fluoranthene	15.03	252	19938m	2.033	ng	

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

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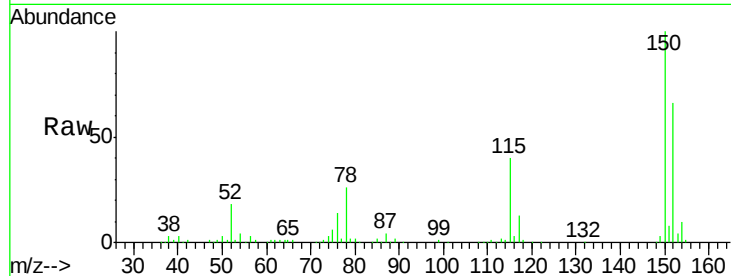


#1

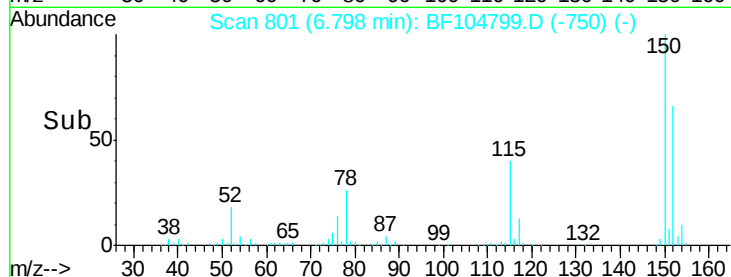
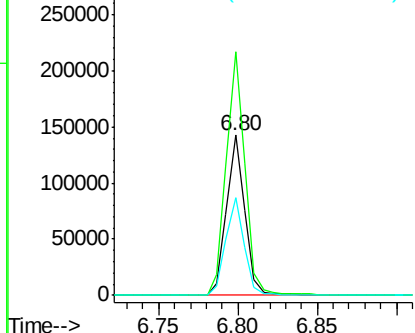
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104799.D
Acq: 25 Apr 2018 19:54

Instrument :
BNA_F
ClientSampleId :
OK-01-042418

Tot Ion:152 Resp: 114803
Ion Ratio Lower Upper
152 100
150 152.1 124.6 186.8
115 61.0 50.1 75.1



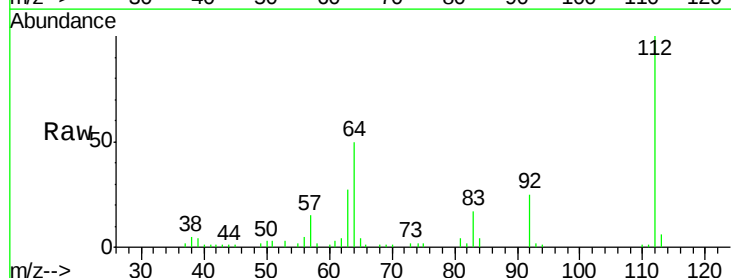
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



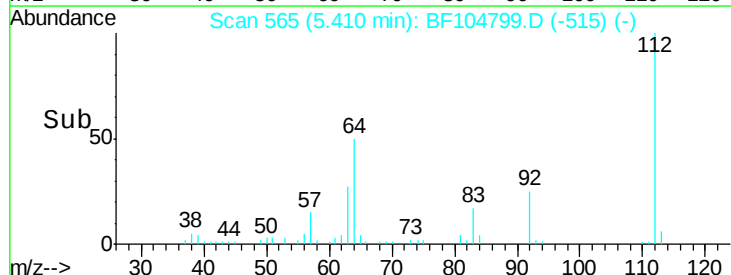
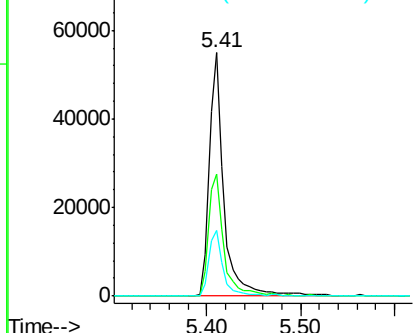
#5

2-Fluorophenol
Concen: 8.042 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF104799.D
Acq: 25 Apr 2018 19:54

Tgt Ion:112 Resp: 60379
Ion Ratio Lower Upper
112 100
64 50.3 47.9 71.9
63 27.2 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: 8.153 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104799.D

Acq: 25 Apr 2018 19:54

Instrument :

BNA_F

ClientSampleId :

OK-01-042418

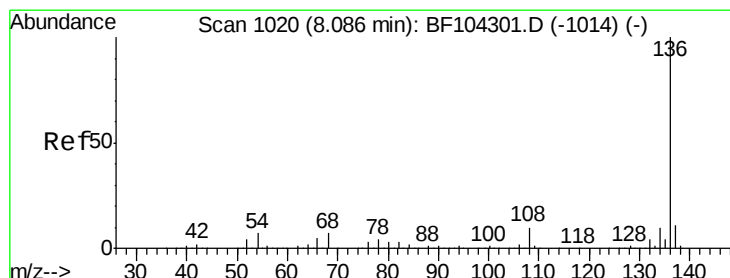
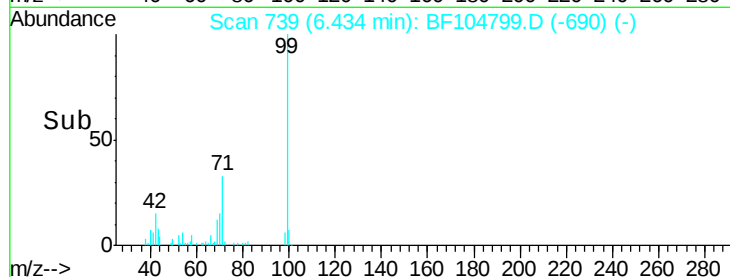
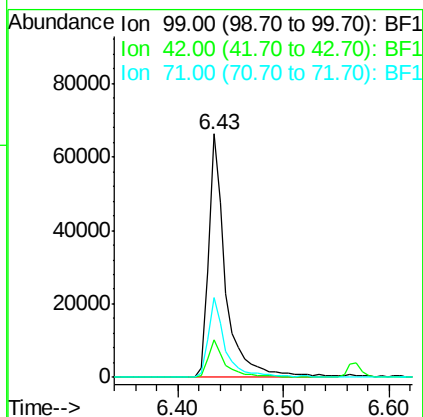
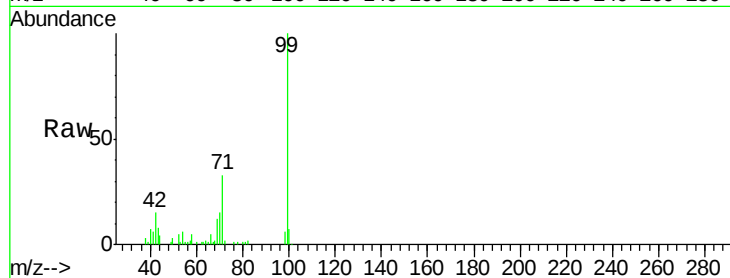
Tot Ion: 99 Resp: 75215

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

71 32.5 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104799.D

Acq: 25 Apr 2018 19:54

Tgt Ion: 136 Resp: 469631

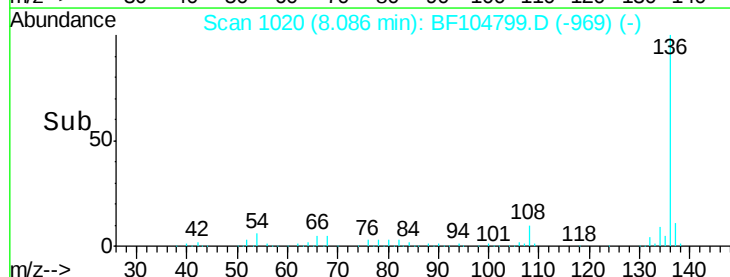
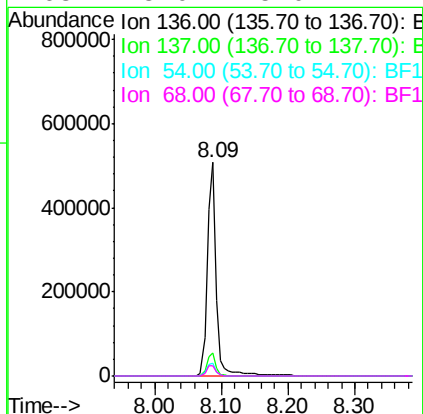
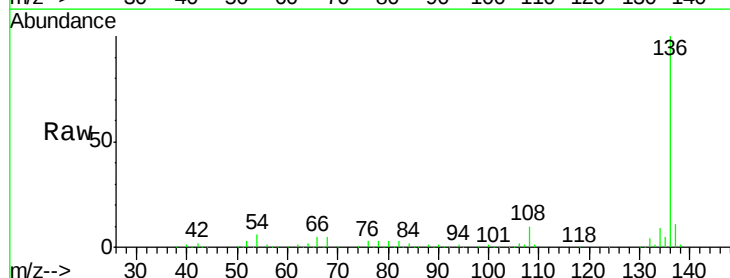
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.0 6.6 9.8#

68 5.0 5.0 7.4

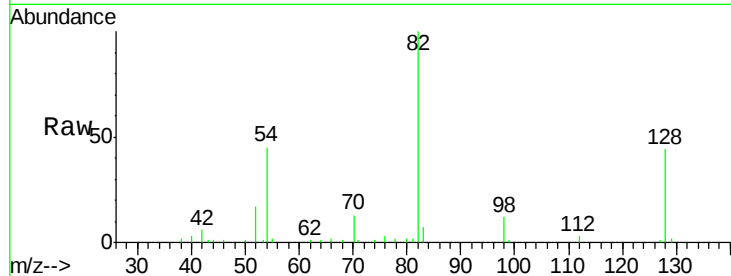




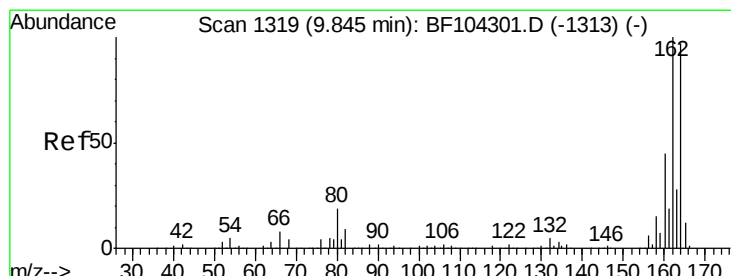
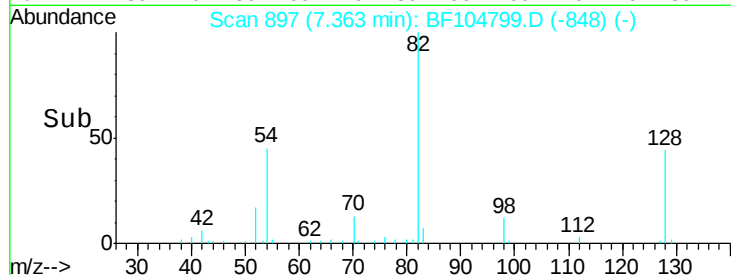
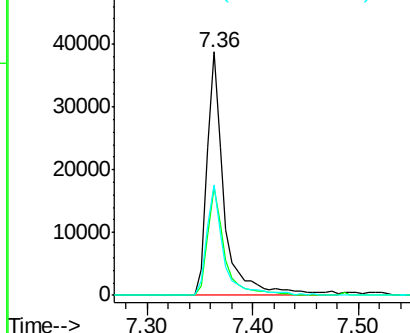
#23
Nitrobenzene-d5
Concen: 6.123 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104799.D
Acq: 25 Apr 2018 19:54

Instrument :
BNA_F
ClientSampleId :
OK-01-042418

Tot Ion: 82 Resp: 44035
Ion Ratio Lower Upper
82 100
128 44.4 36.1 54.1
54 45.4 41.4 62.2

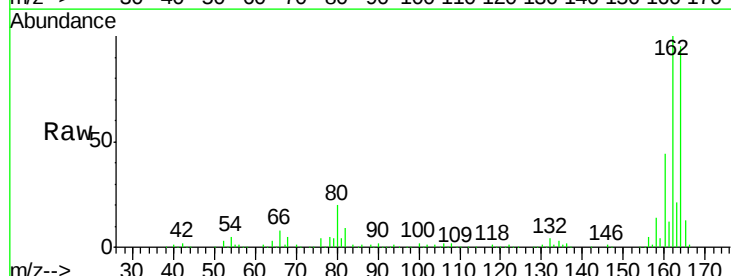


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

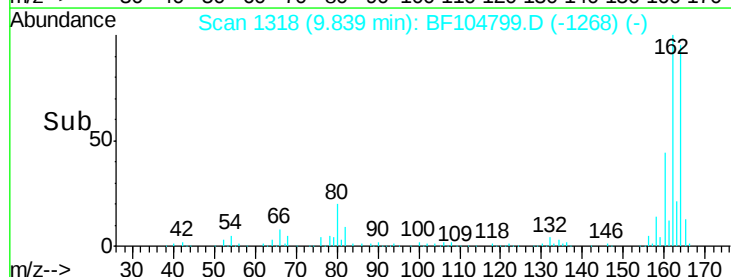
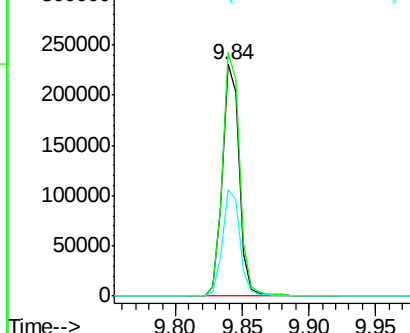


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104799.D
Acq: 25 Apr 2018 19:54

Tgt Ion: 164 Resp: 208274
Ion Ratio Lower Upper
164 100
162 105.1 86.1 129.1
160 46.2 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: 6.639 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF104799.D

Acq: 25 Apr 2018 19:54

Instrument :

BNA_F

ClientSampleId :

OK-01-042418

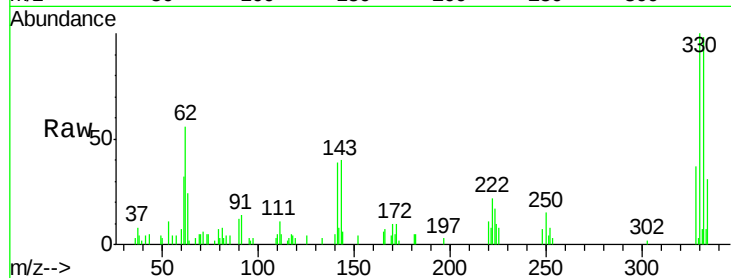
Tot Ion:330 Resp: 14343

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

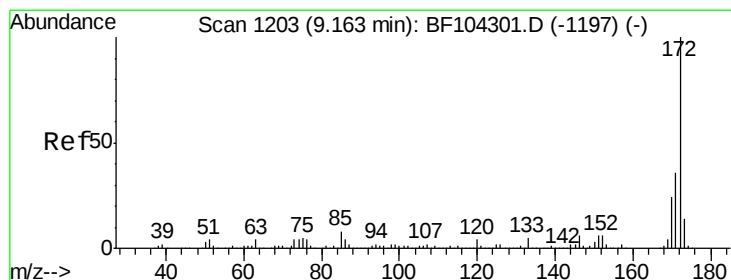
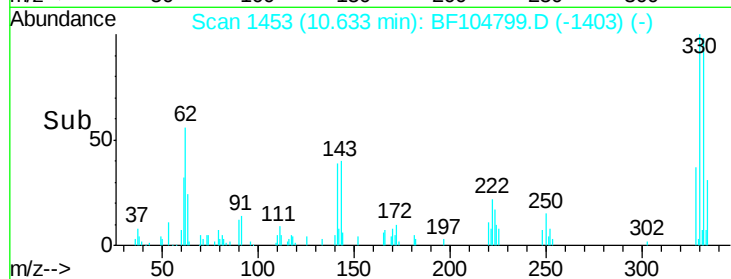
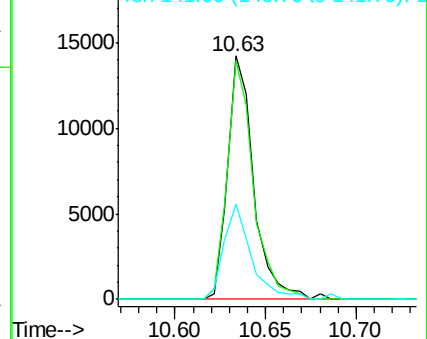
141 40.9 29.9 44.9



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: 7.599 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF104799.D

Acq: 25 Apr 2018 19:54

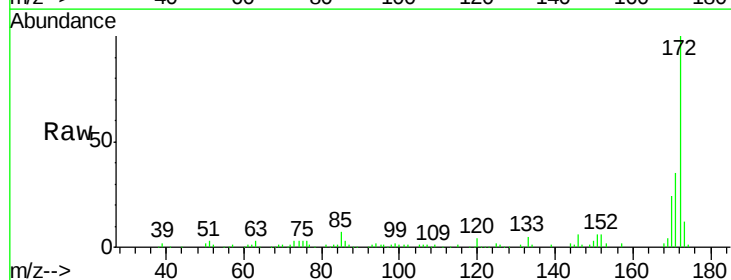
Tgt Ion:172 Resp: 100188

Ion Ratio Lower Upper

172 100

171 34.6 29.7 44.5

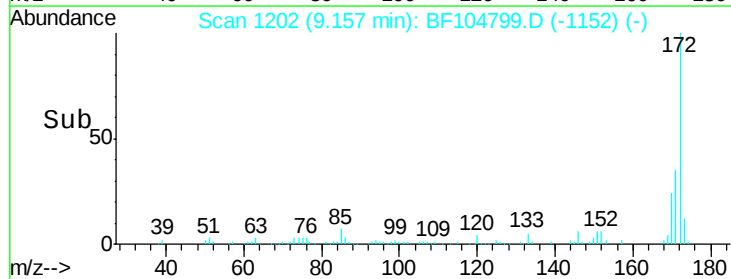
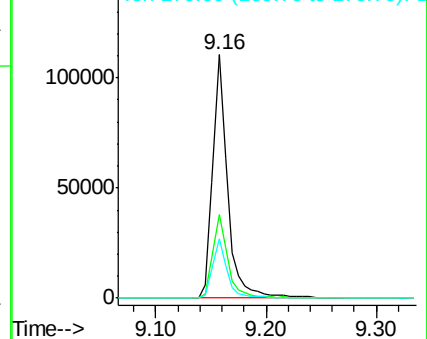
170 24.2 19.6 29.4

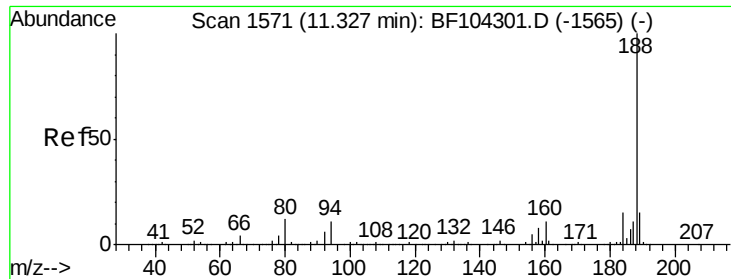


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

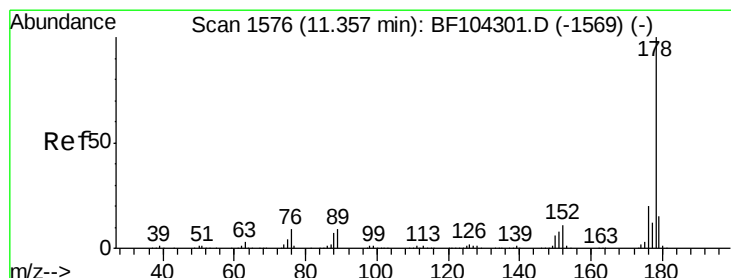
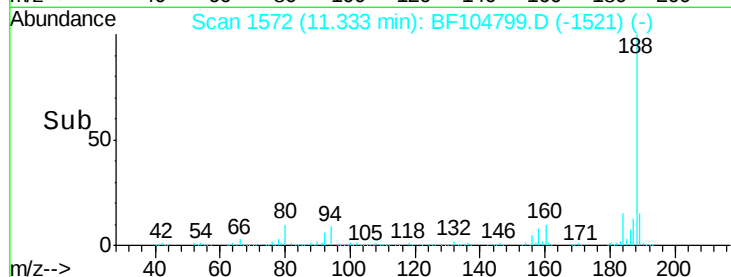
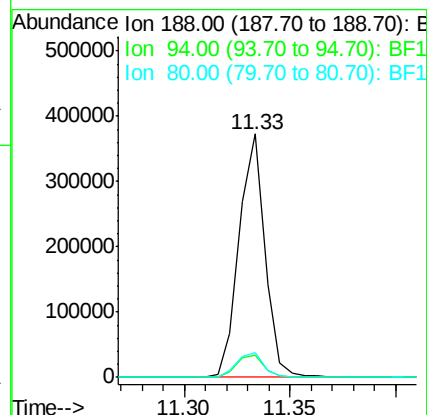
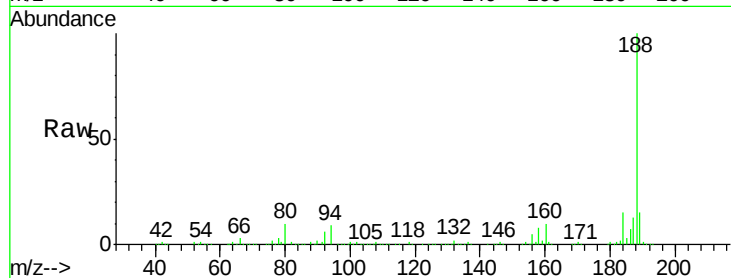




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104799.D
Acq: 25 Apr 2018 19:54

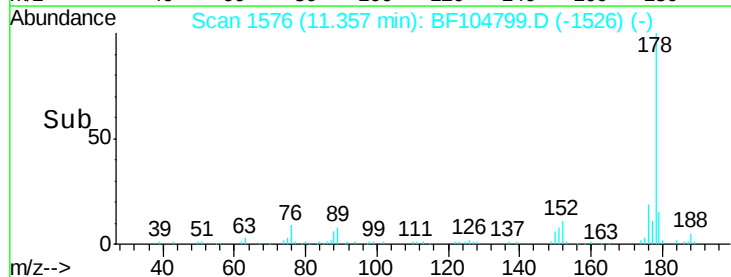
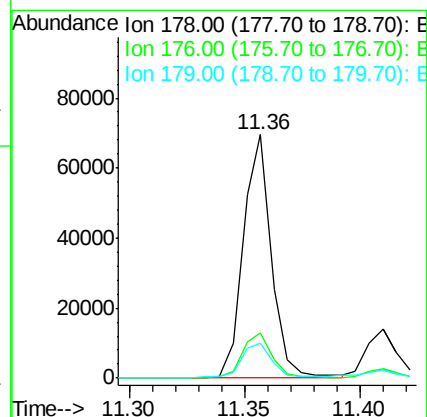
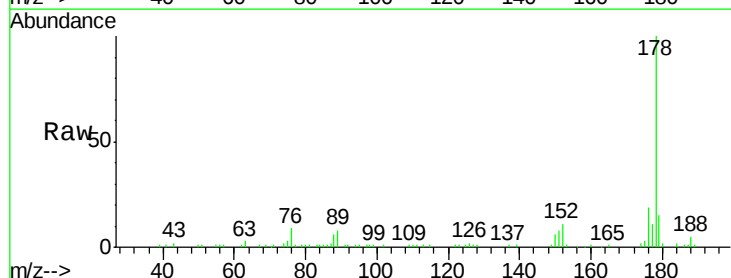
Instrument :
BNA_F
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OK-01-042418

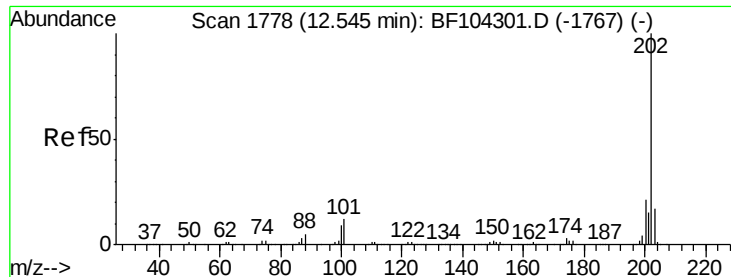
Tot Ion:188 Resp: 314897
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.0 9.2 13.8



#70
Phenanthrene
Concen: 3.359 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF104799.D
Acq: 25 Apr 2018 19:54

Tgt Ion:178 Resp: 58898
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.8
179 14.6 13.0 19.6





#74

Fluoranthene

Concen: 3.215 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF104799.D

Acq: 25 Apr 2018 19:54

Instrument :

BNA_F

ClientSampleId :

OK-01-042418

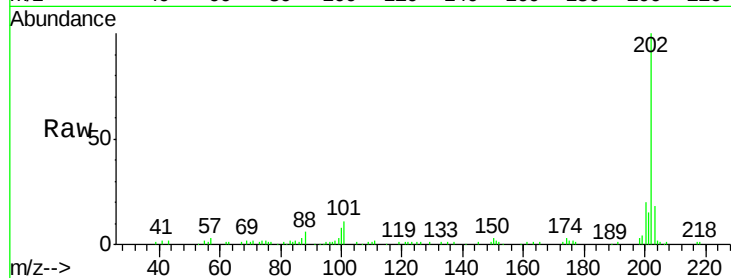
Tot Ion:202 Resp: 58912

Ion Ratio Lower Upper

202 100

101 11.4 0.0 34.1

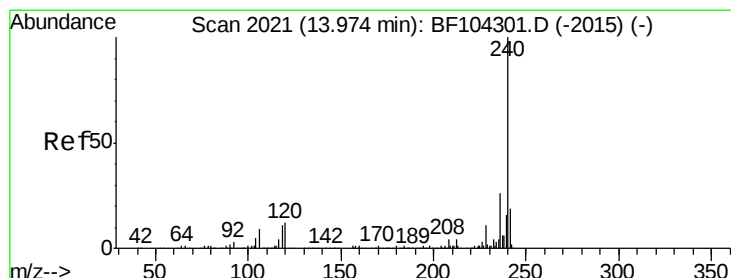
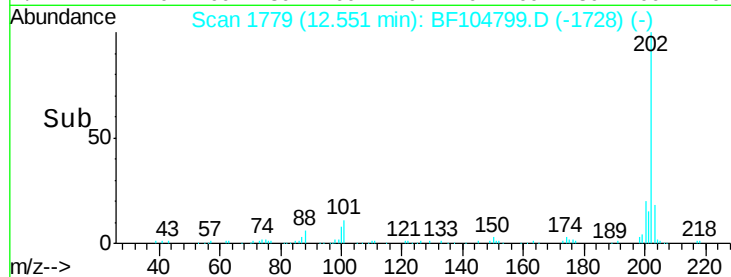
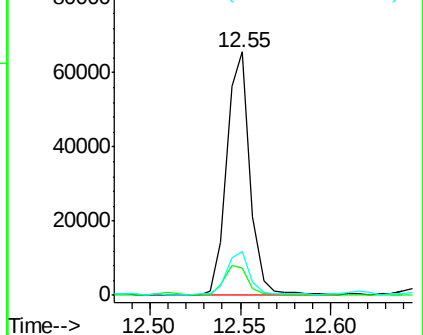
203 17.9 0.0 38.1



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. -0.01 min

Lab File: BF104799.D

Acq: 25 Apr 2018 19:54

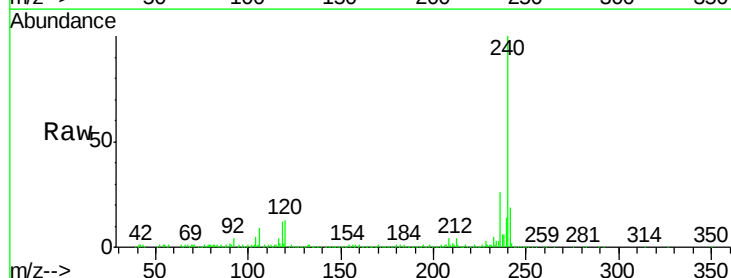
Tgt Ion:240 Resp: 215013

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

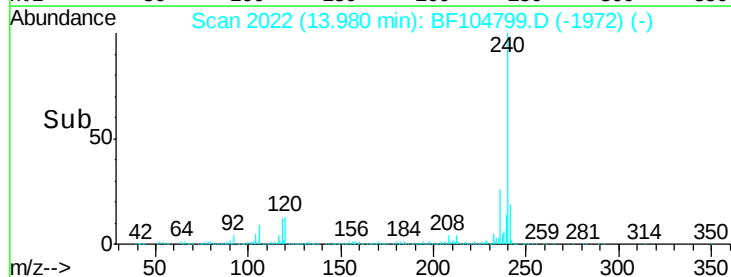
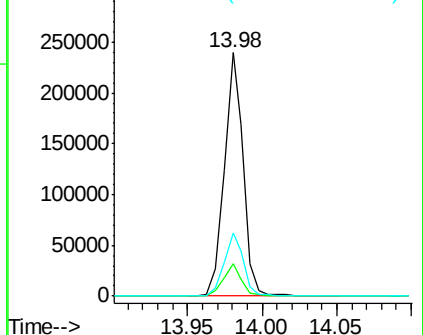
236 25.9 20.7 31.1

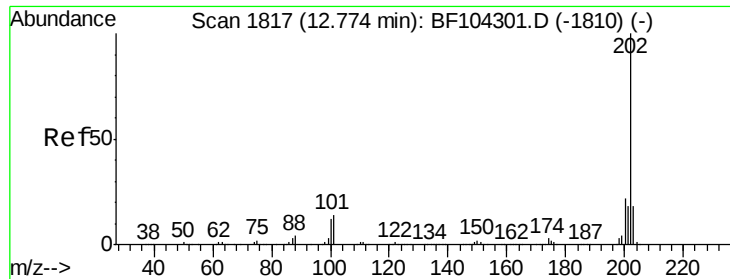


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

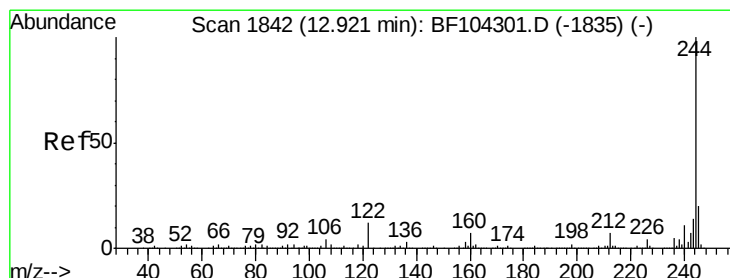
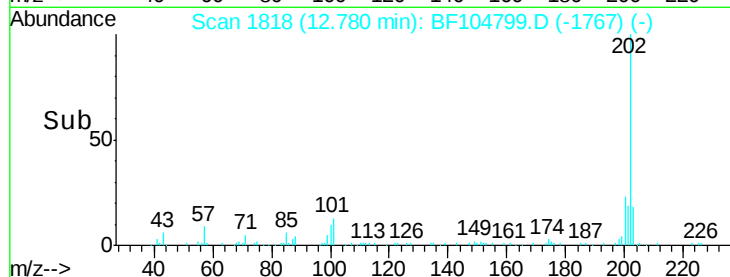
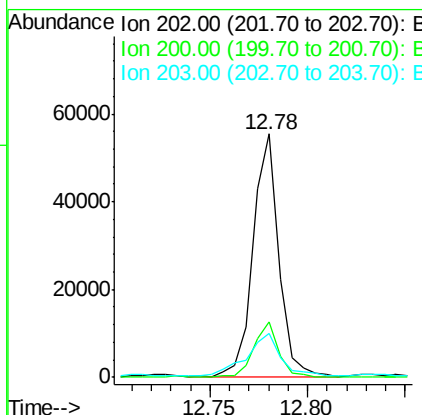
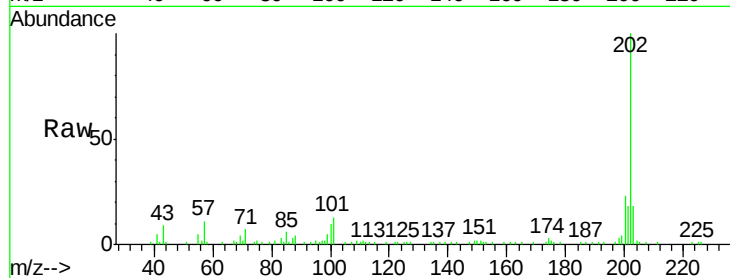




#77
Pvrene
Concen: 3.196 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF104799.D
Acq: 25 Apr 2018 19:54

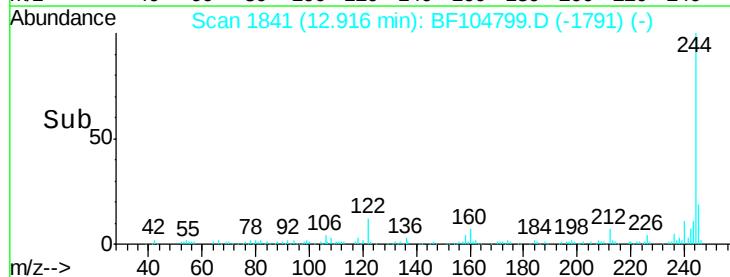
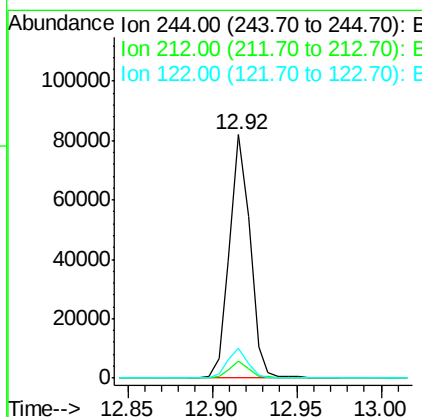
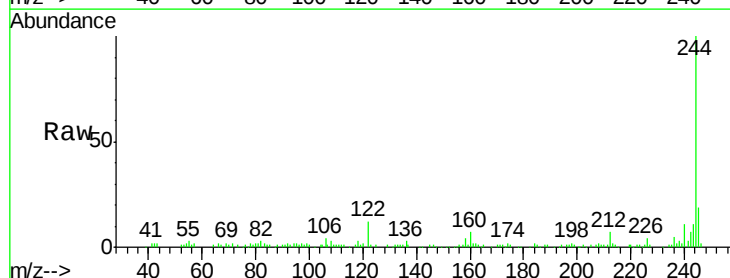
Instrument :
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OK-01-042418

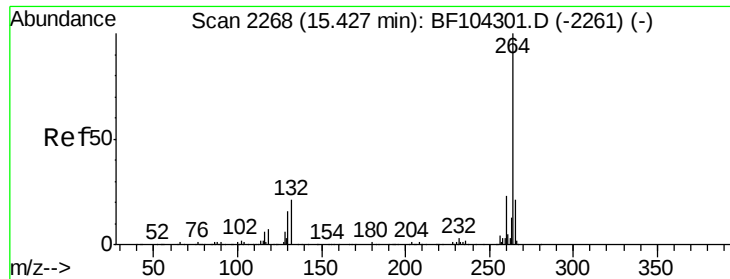
Tot Ion:202 Resp: 50939
Ion Ratio Lower Upper
202 100
200 22.8 17.4 26.2
203 18.1 14.3 21.5



#78
Terphenyl-d14
Concen: 7.373 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF104799.D
Acq: 25 Apr 2018 19:54

Tgt Ion:244 Resp: 69531
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.4 11.0 16.4

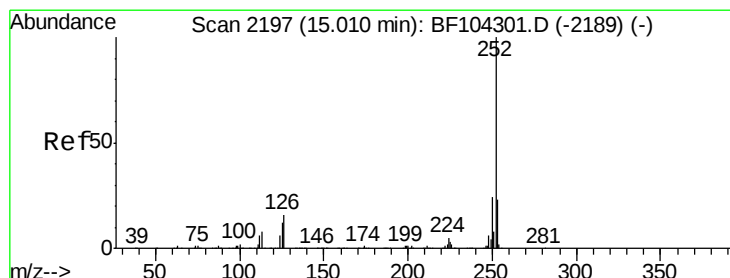
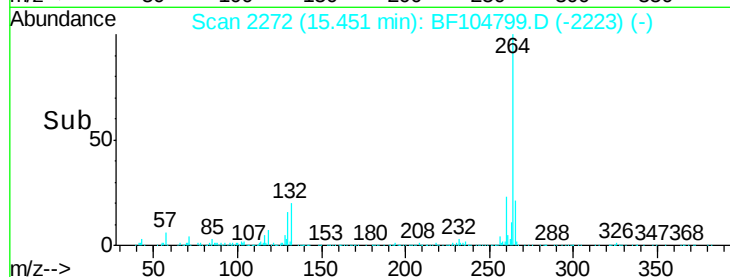
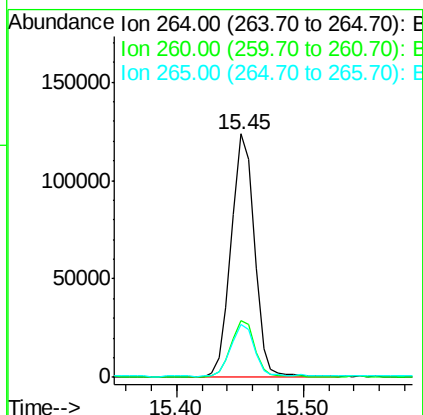
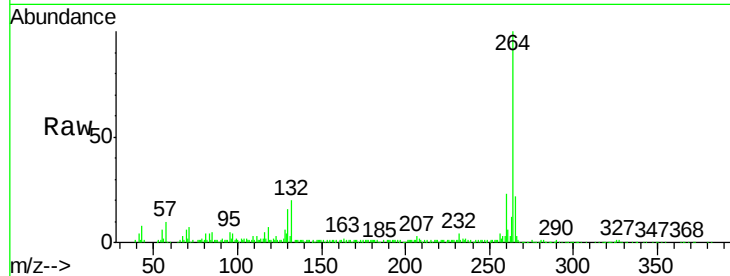




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104799.D
Acq: 25 Apr 2018 19:54

Instrument :
BNA_F
ClientSampleId :
OK-01-042418

Tot Ion:264 Resp: 155305
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 21.8 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 2.033 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF104799.D
Acq: 25 Apr 2018 19:54

Tgt Ion:252 Resp: 19938
Ion Ratio Lower Upper
252 100
253 30.9 17.0 25.6#
125 22.5 9.0 13.6#

