

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
 Data File : BG044606.D
 Acq On : 26 Feb 2020 16:41
 Operator : CG/JU
 Sample : PB127106TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127106TB

Quant Time: Feb 27 07:16:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

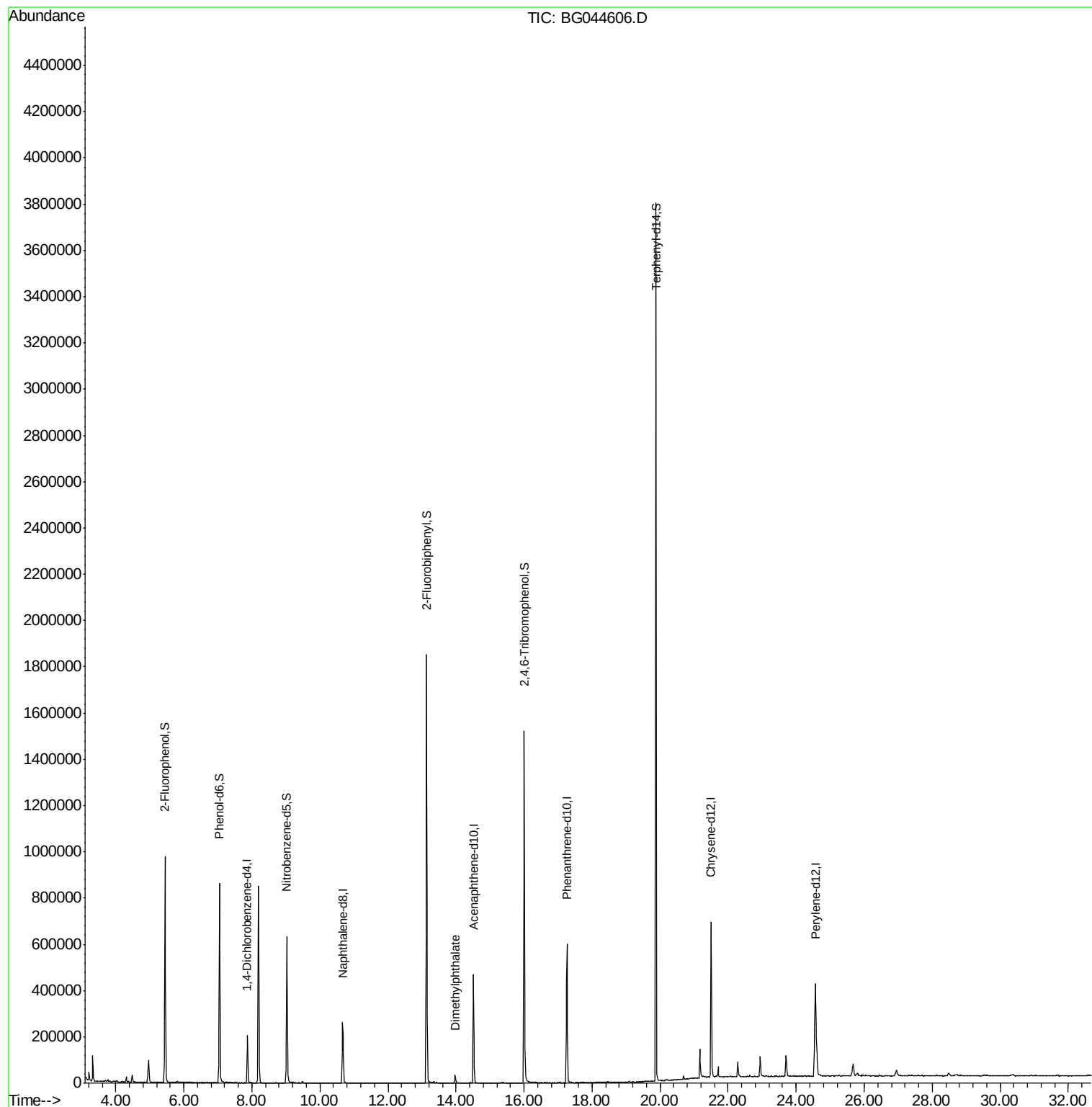
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	63116	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	263761	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	175972	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	417312	20.00	ng	0.00
76) Chrysene-d12	21.50	240	410599	20.00	ng	0.00
87) Perylene-d12	24.56	264	418160	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	478863	121.73	ng	0.00
7) Phenol-d6	7.04	99	576484	107.06	ng	0.00
23) Nitrobenzene-d5	9.03	82	431182	84.22	ng	0.00
42) 2,4,6-Tribromophenol	16.00	330	329034	131.87	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	1039175	84.56	ng	0.00
79) Terphenyl-d14	19.88	244	1812395	83.56	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.98	163	30641	2.157	ng	Qvalue 96

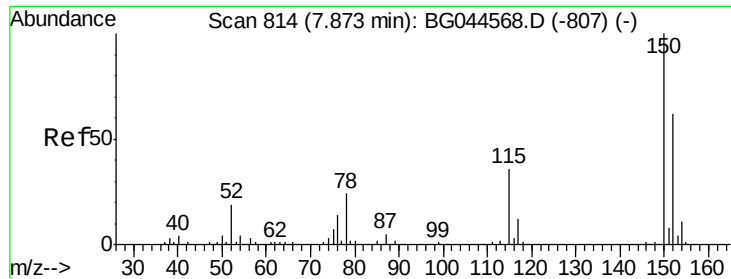
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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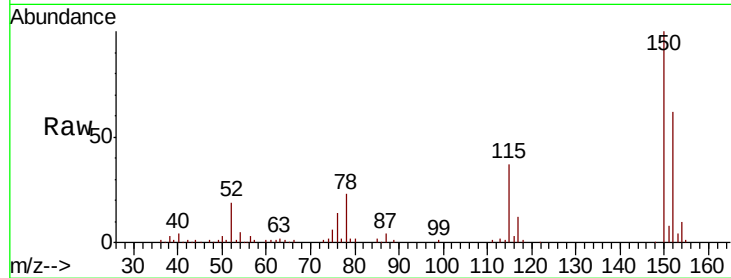


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG044606.D
Acq: 26 Feb 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB127106TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	128.9	193.3
115	59.0	47.0	70.4

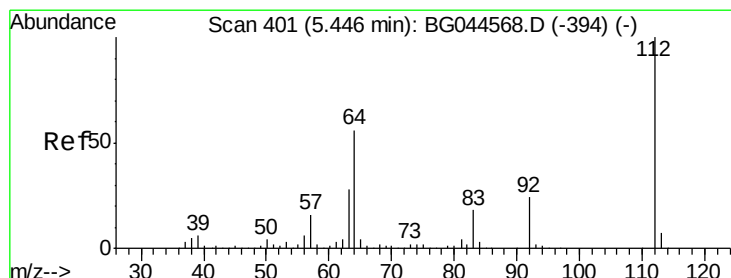
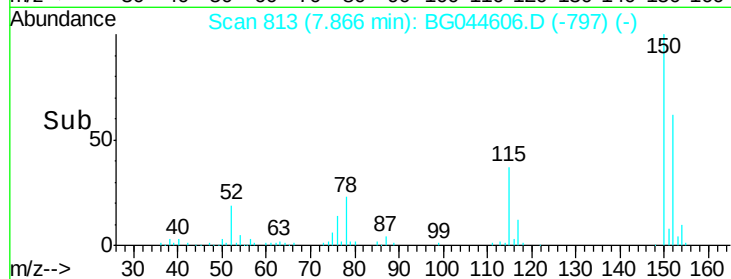
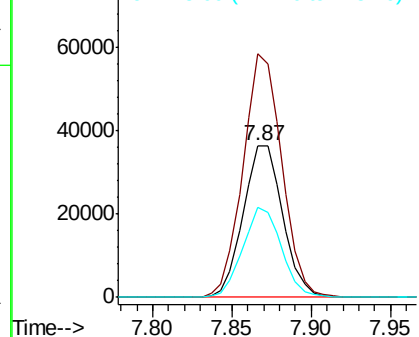


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

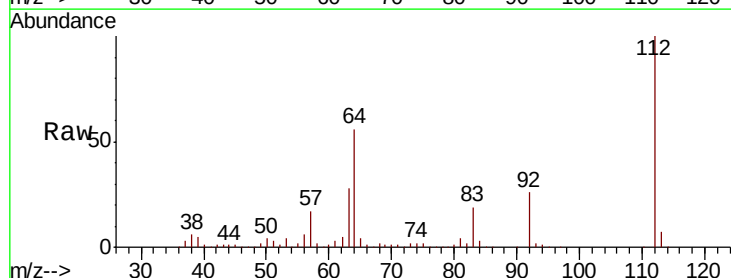
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.732 ng
RT: 5.45 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG044606.D
Acq: 26 Feb 2020 16:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	44.8	67.2
63	28.5	22.3	33.5

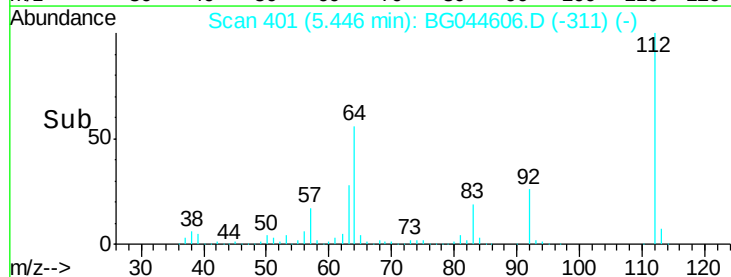
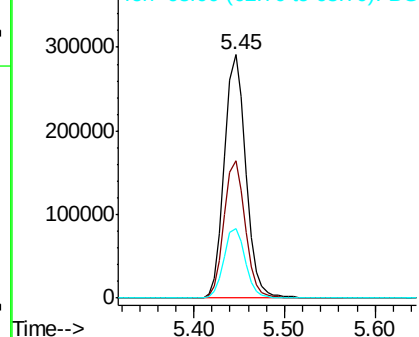


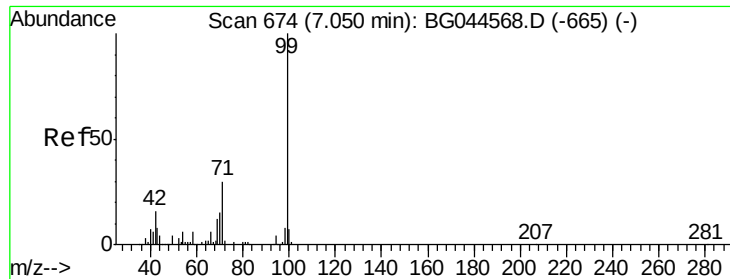
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 107.062 ng

RT: 7.04 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG044606.D

Acq: 26 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB127106TB

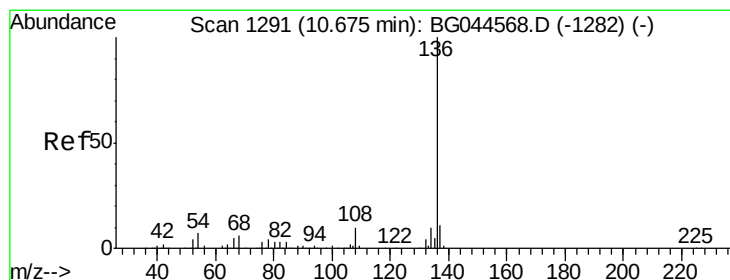
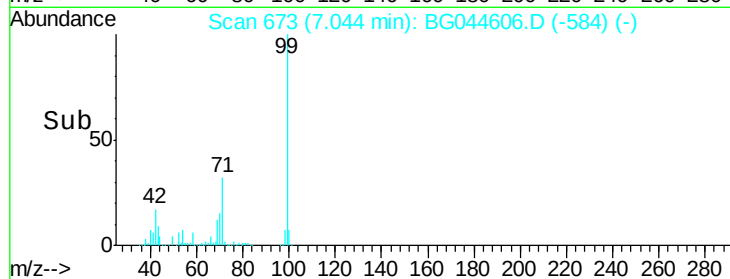
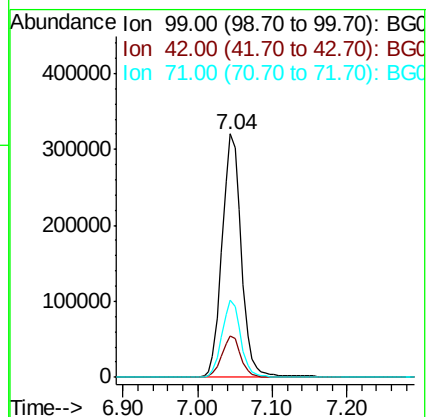
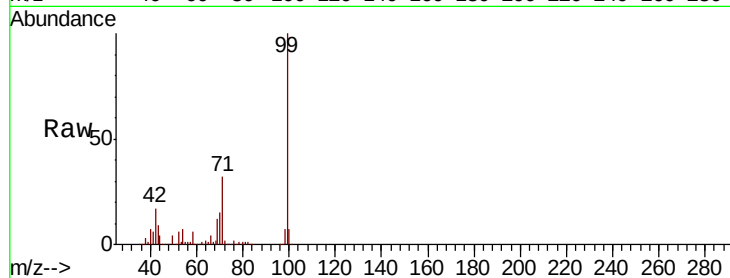
Tot Ion: 99 Resp: 576484

Ion Ratio Lower Upper

99 100

42 16.8 12.8 19.2

71 31.6 24.4 36.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.67 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BG044606.D

Acq: 26 Feb 2020 16:41

Tgt Ion: 136 Resp: 263761

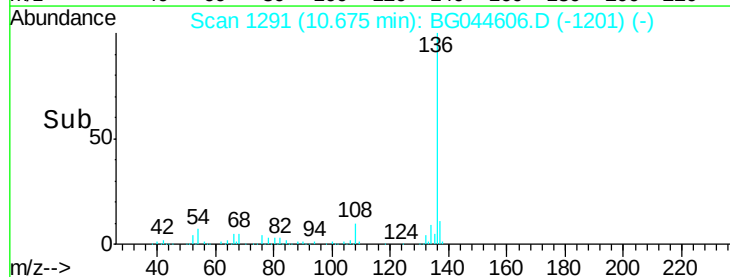
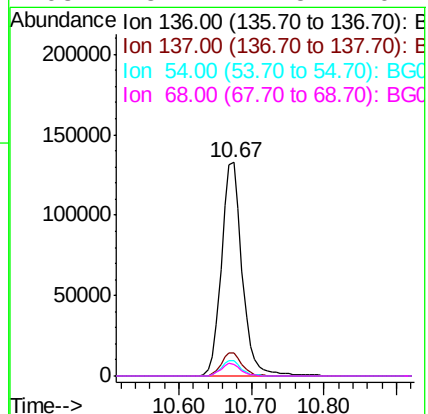
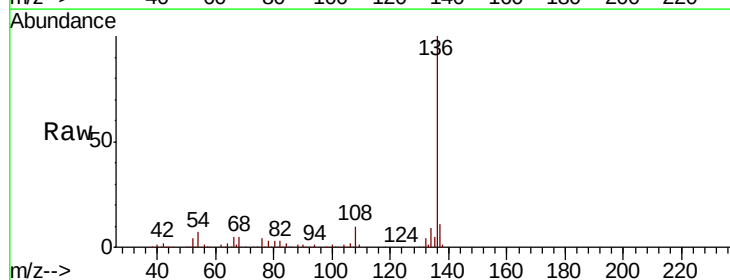
Ion Ratio Lower Upper

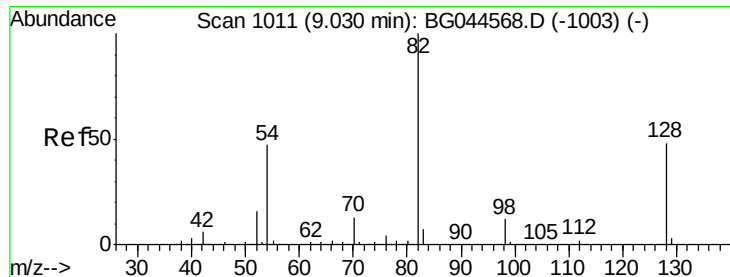
136 100

137 10.6 8.8 13.2

54 7.1 5.7 8.5

68 5.4 4.5 6.7

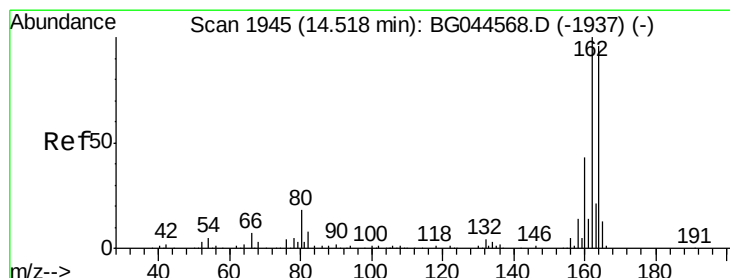
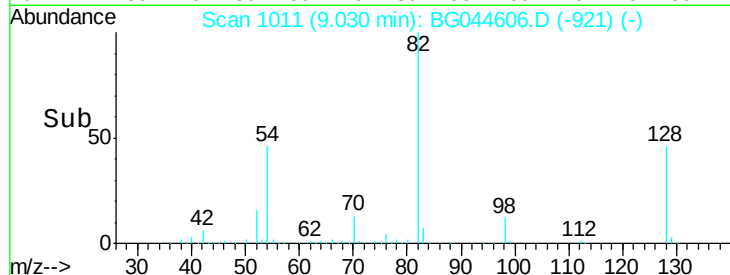
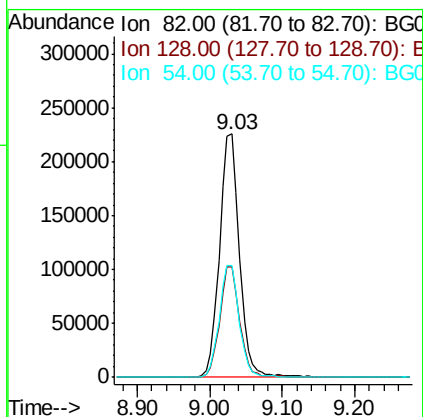
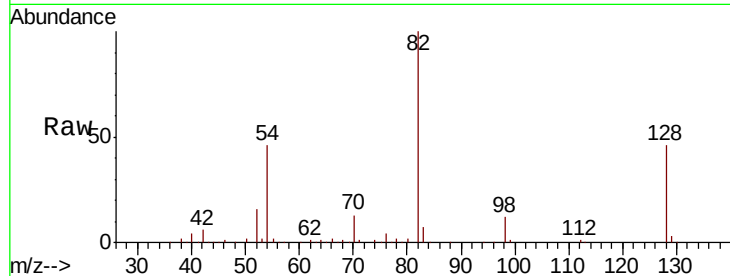




#23
Nitrobenzene-d5
Concen: 84.219 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG044606.D
Acq: 26 Feb 2020 16:41

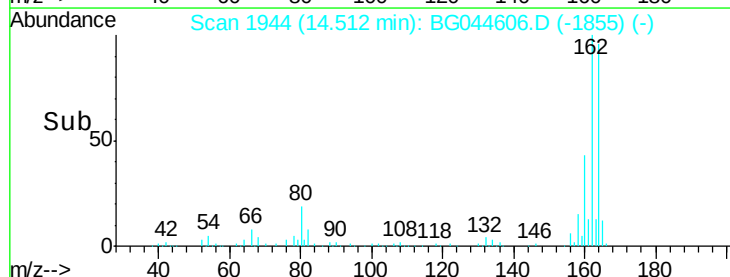
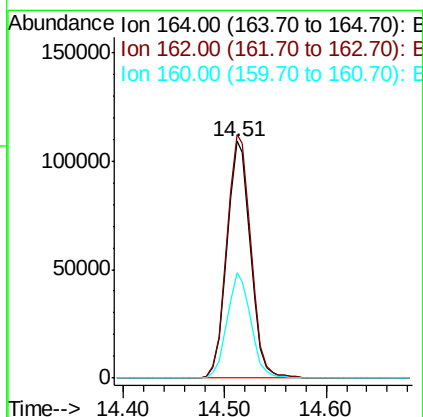
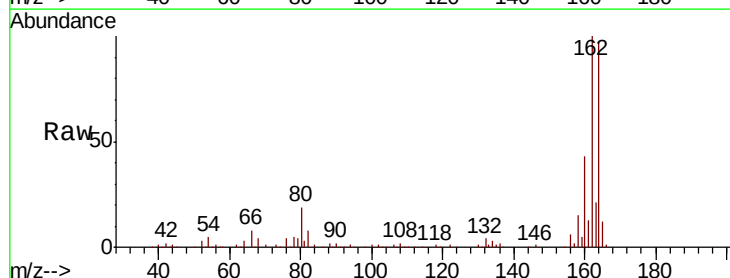
Instrument :
BNA_G
ClientSampleId :
PB127106TB

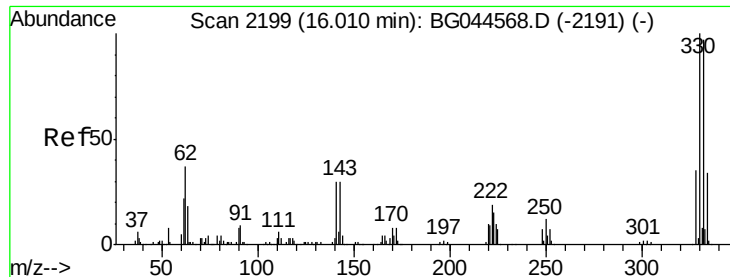
Tot Ion: 82 Resp: 431182
Ion Ratio Lower Upper
82 100
128 45.6 38.1 57.1
54 45.7 37.5 56.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG044606.D
Acq: 26 Feb 2020 16:41

Tgt Ion:164 Resp: 175972
Ion Ratio Lower Upper
164 100
162 102.8 83.6 125.4
160 44.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 131.870 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG044606.D

Acq: 26 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB127106TB

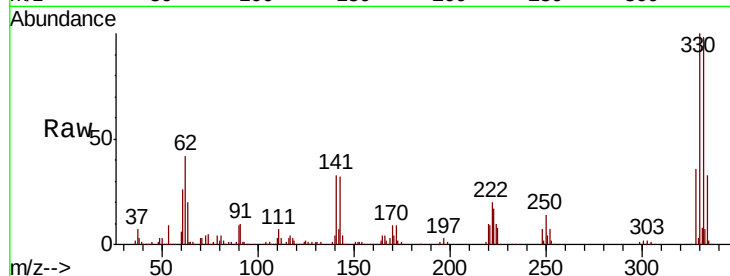
Tot Ion:330 Resp: 329034

Ion Ratio Lower Upper

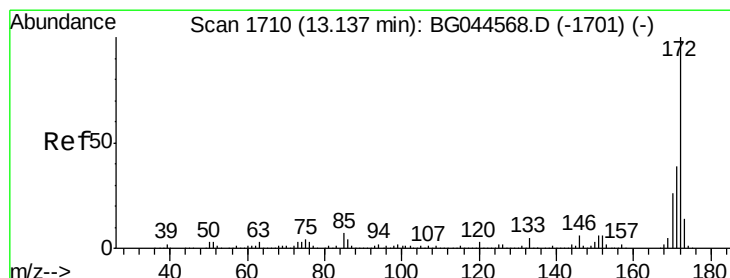
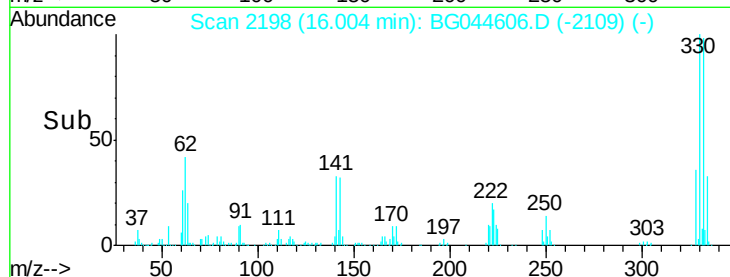
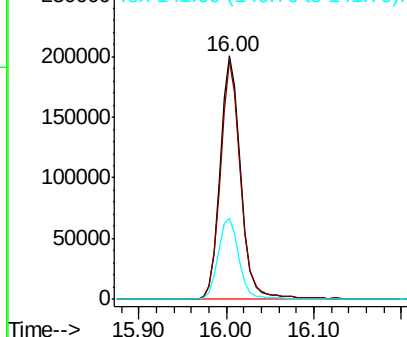
330 100

332 95.8 77.4 116.0

141 33.6 26.1 39.1



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



#45

2-Fluorobiphenyl

Concen: 84.564 ng

RT: 13.14 min Scan# 1710

Delta R.T. -0.00 min

Lab File: BG044606.D

Acq: 26 Feb 2020 16:41

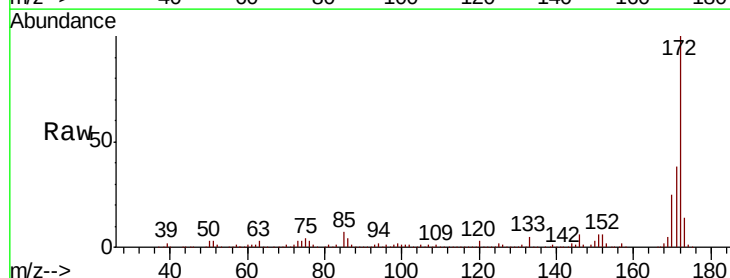
Tgt Ion:172 Resp: 1039175

Ion Ratio Lower Upper

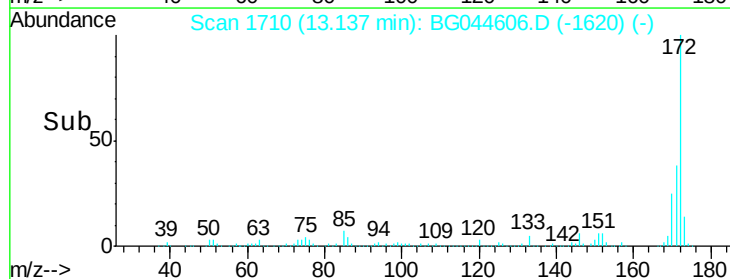
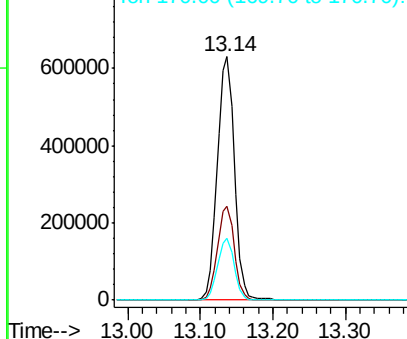
172 100

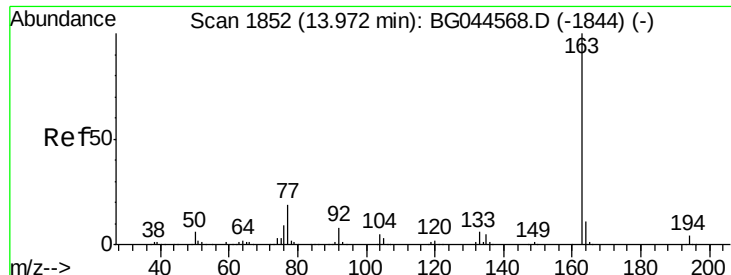
171 38.4 31.3 46.9

170 25.3 21.0 31.4



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





#50

Dimethylphthalate

Concen: 2.157 ng

RT: 13.98 min Scan# 1853

Delta R.T. 0.01 min

Lab File: BG044606.D

Acq: 26 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB127106TB

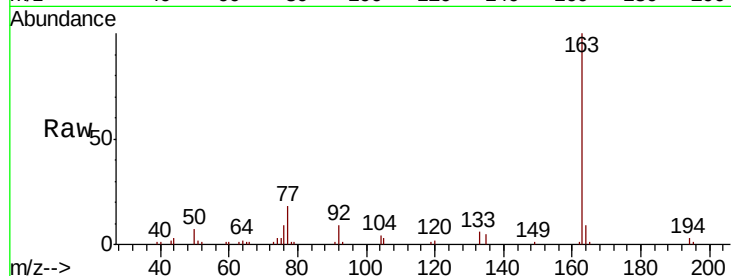
Tot Ion:163 Resp: 30641

Ion Ratio Lower Upper

163 100

194 3.4 3.4 5.0

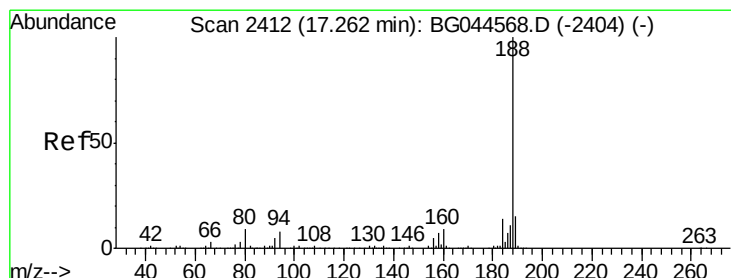
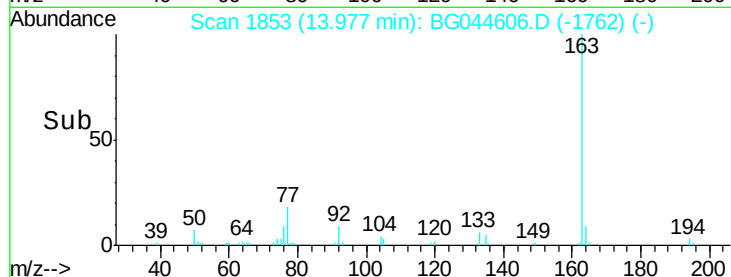
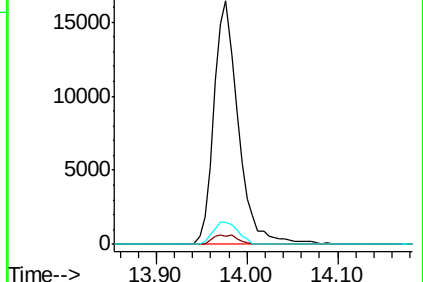
164 9.0 8.7 13.1



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.26 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG044606.D

Acq: 26 Feb 2020 16:41

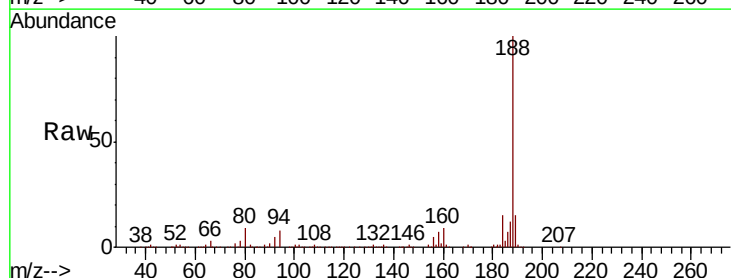
Tgt Ion:188 Resp: 417312

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

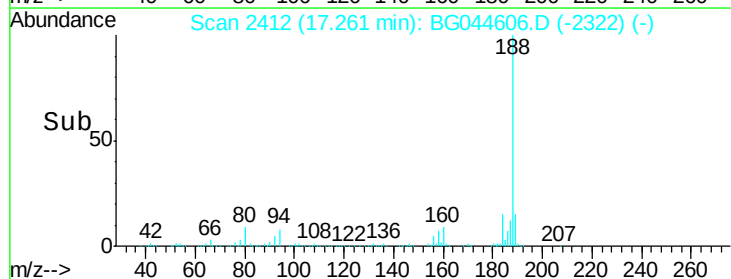
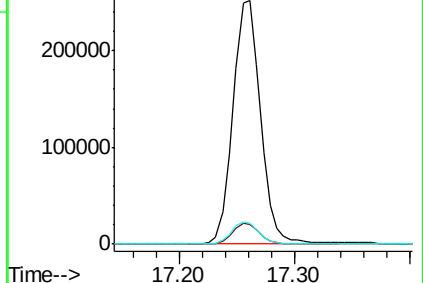
80 8.8 7.6 11.4

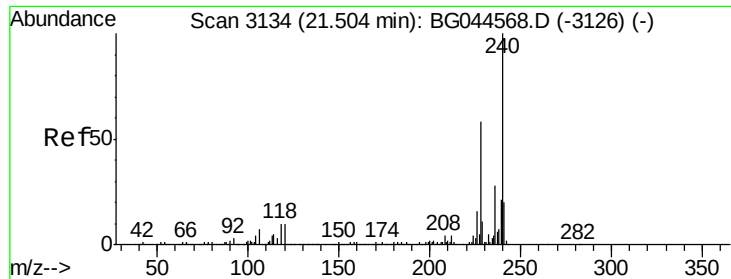


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

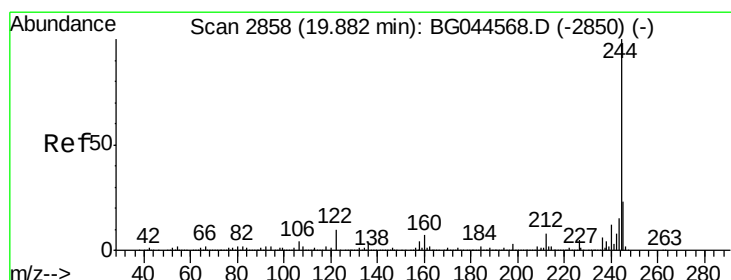
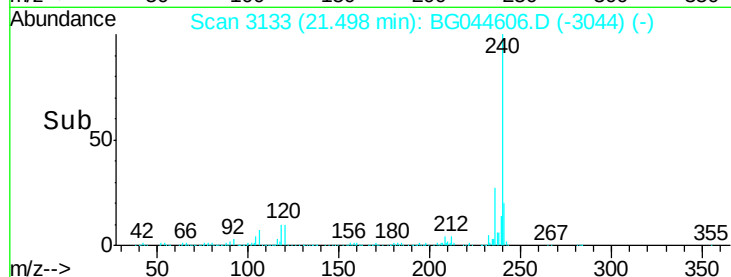
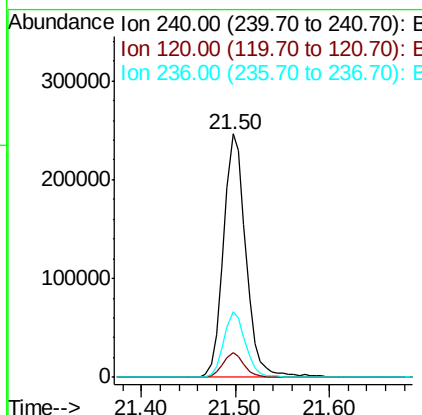
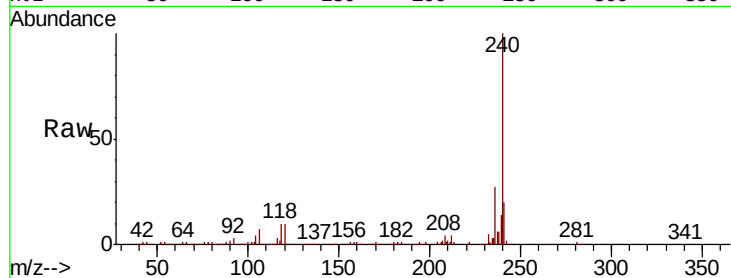




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.50 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG044606.D
Acq: 26 Feb 2020 16:41

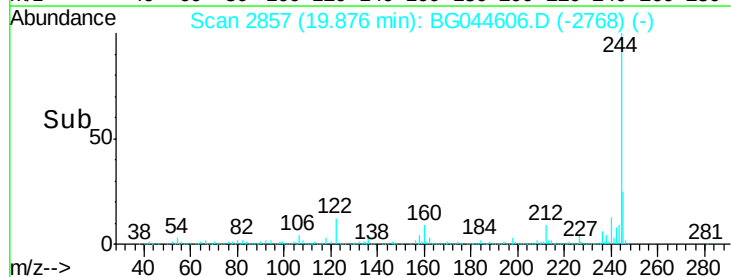
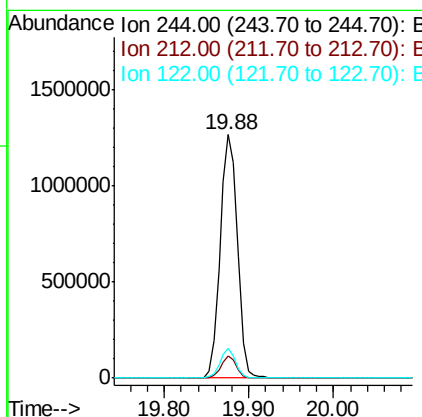
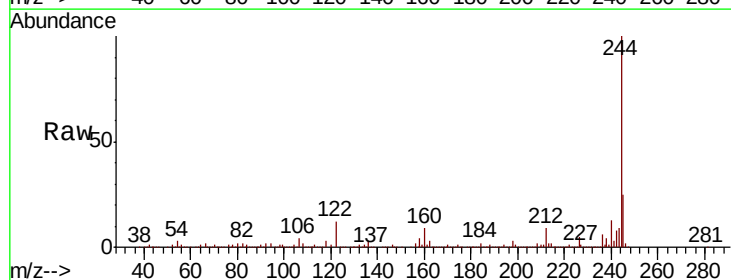
Instrument :
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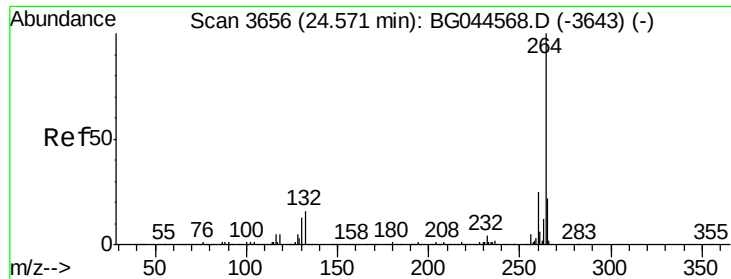
Tot Ion:240 Resp: 410599
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 26.7 22.3 33.5



#79
Terphenyl-d14
Concen: 83.560 ng
RT: 19.88 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG044606.D
Acq: 26 Feb 2020 16:41

Tgt Ion:244 Resp: 1812395
Ion Ratio Lower Upper
244 100
212 9.0 6.5 9.7
122 12.1 8.2 12.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.56 min Scan# 3655
Delta R.T. -0.01 min
Lab File: BG044606.D
Acq: 26 Feb 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB127106TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	22.0	17.8	26.8

