

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044551.D
 Acq On : 21 Feb 2020 16:18
 Operator : CG/JU
 Sample : L1599-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-03-011-ABCD

Quant Time: Feb 22 05:58:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

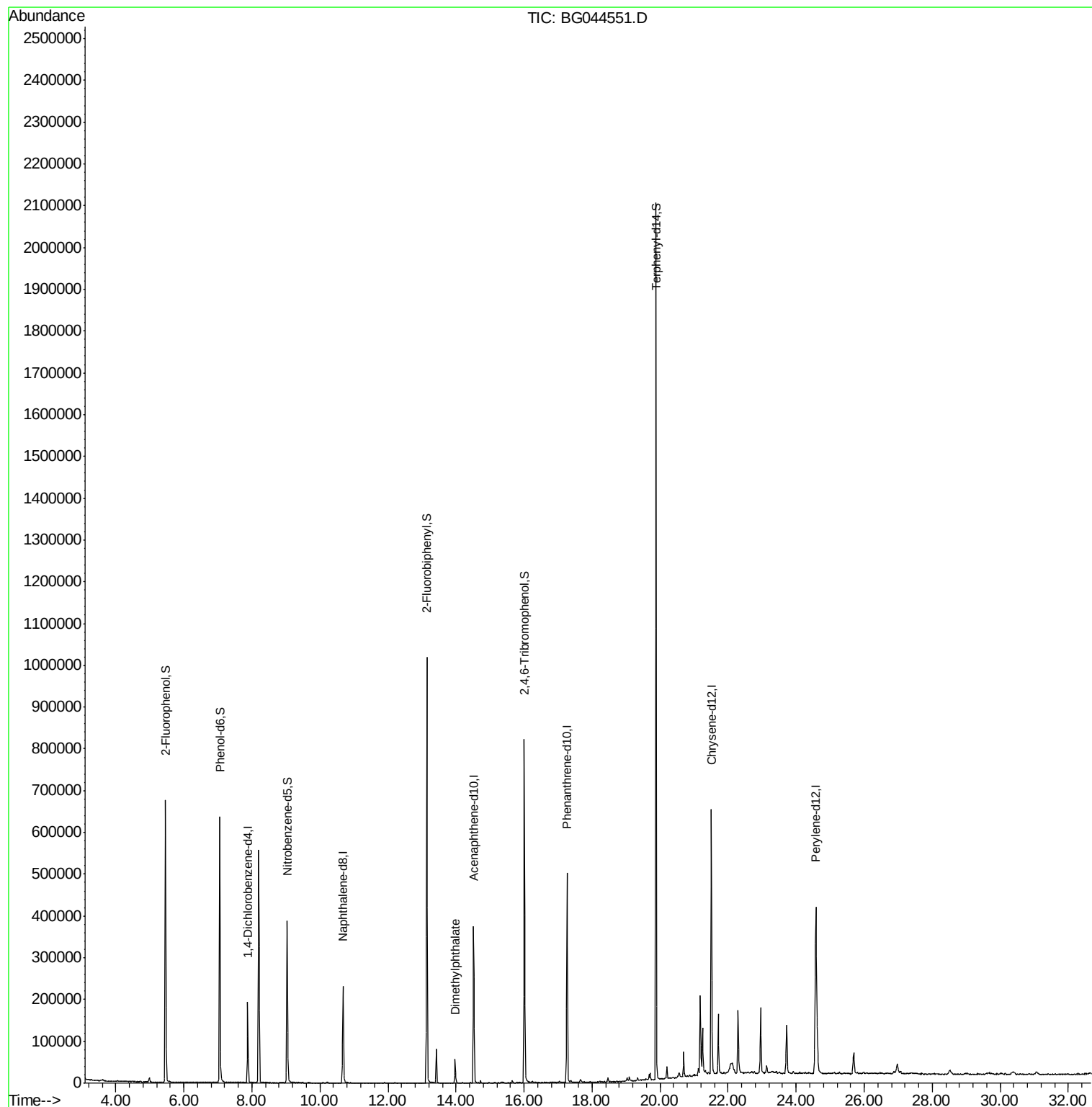
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	57106	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	226304	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	142984	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	331886	20.00	ng	0.00
76) Chrysene-d12	21.50	240	360082	20.00	ng	-0.01
87) Perylene-d12	24.58	264	407465	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	337638	104.35	ng	0.00
7) Phenol-d6	7.05	99	434424	99.98	ng	0.00
23) Nitrobenzene-d5	9.04	82	262315	65.44	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	175448	104.52	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	580027	67.93	ng	0.00
79) Terphenyl-d14	19.88	244	1052024	60.09	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.98	163	46909	4.564	ng	Qvalue 98

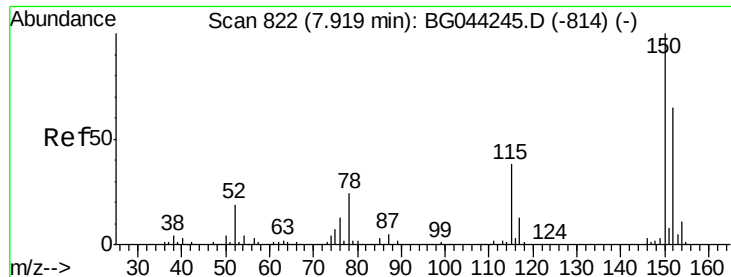
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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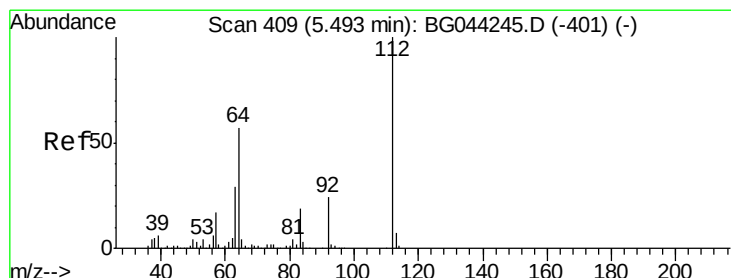
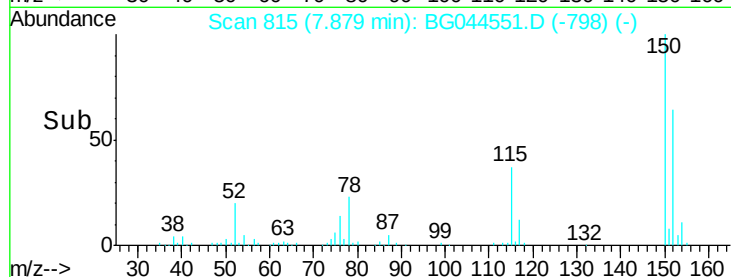
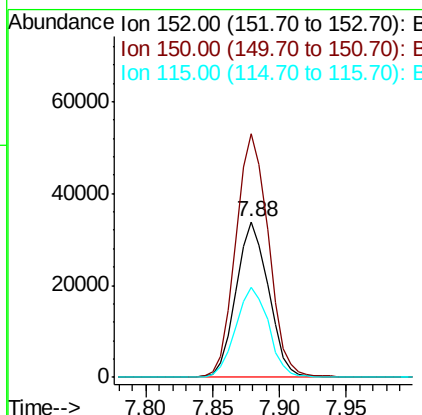
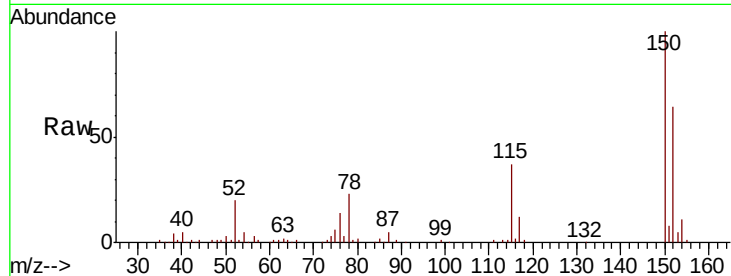


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BG044551.D
Acq: 21 Feb 2020 16:18

Instrument :
BNA_G
ClientSampleId :
FK-BPM-03-011-ABCD

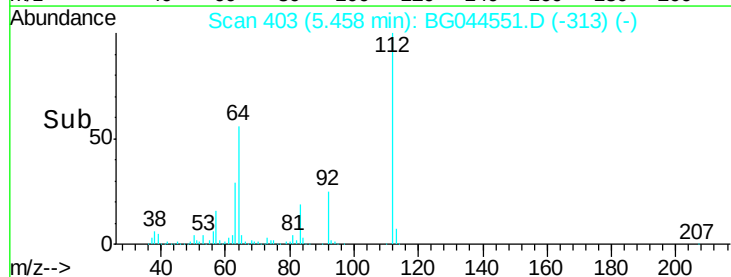
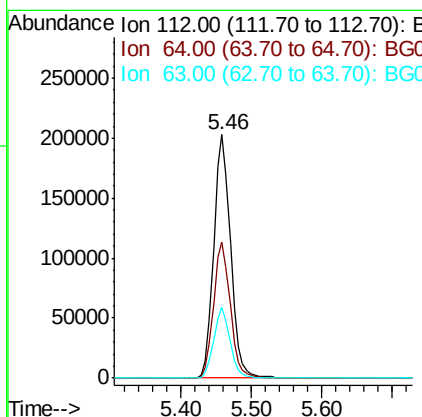
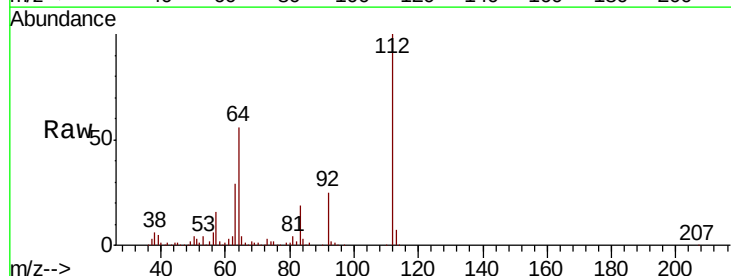
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.1	184.7
115	58.1	45.1	67.7

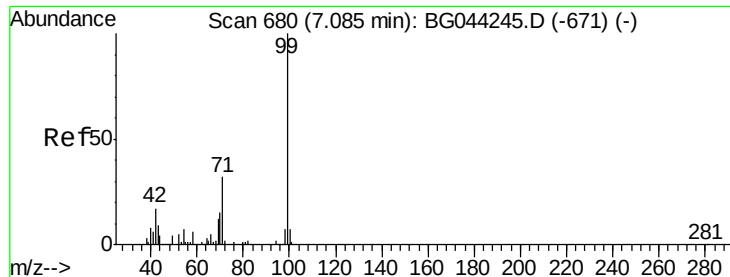


#5

2-Fluorophenol
Concen: 104.346 ng
RT: 5.46 min Scan# 403
Delta R.T. 0.00 min
Lab File: BG044551.D
Acq: 21 Feb 2020 16:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.5	66.7
63	29.1	22.2	33.2





#7

Phenol-d6

Concen: 99.979 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044551.D

Acq: 21 Feb 2020 16:18

Instrument :

BNA_G

ClientSampleId :

FK-BPM-03-011-ABCD

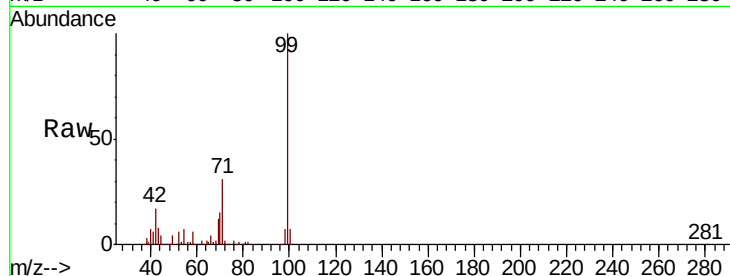
Tot Ion: 99 Resp: 434424

Ion Ratio Lower Upper

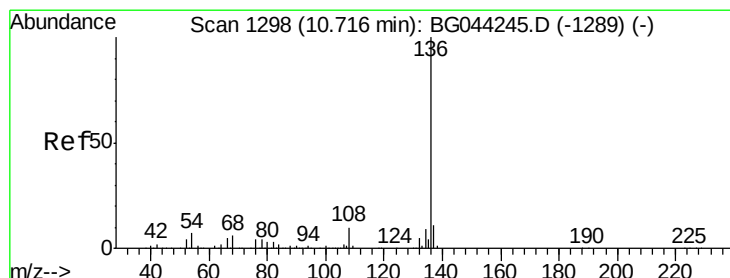
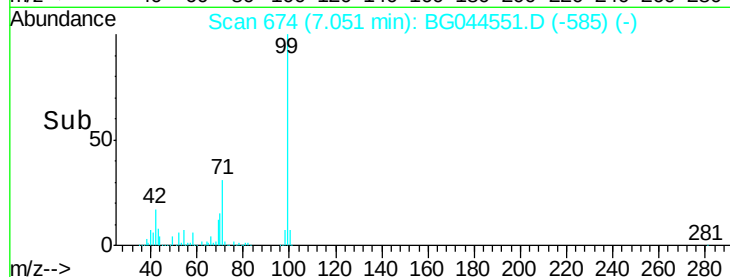
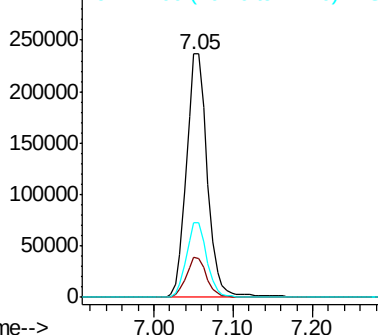
99 100

42 16.7 13.4 20.0

71 30.8 24.7 37.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.68 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BG044551.D

Acq: 21 Feb 2020 16:18

Tgt Ion: 136 Resp: 226304

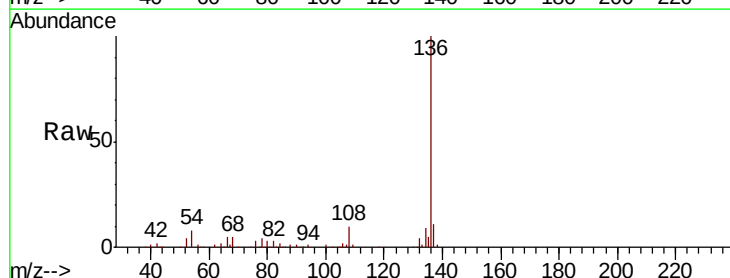
Ion Ratio Lower Upper

136 100

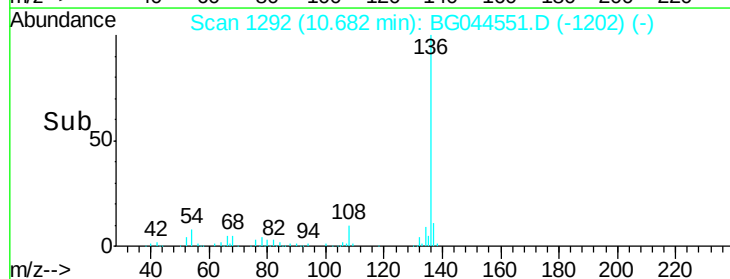
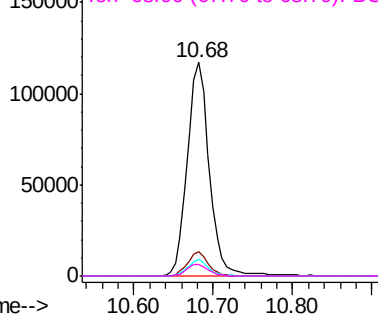
137 11.2 9.0 13.6

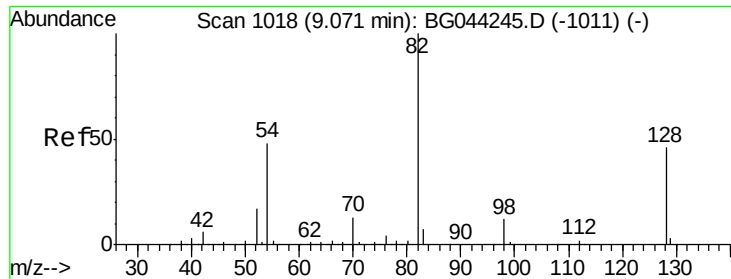
54 7.7 5.5 8.3

68 5.5 4.6 6.8



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

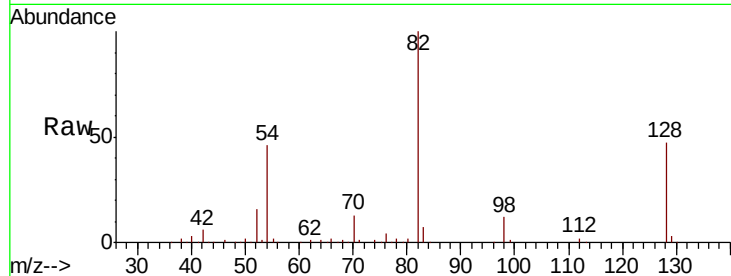




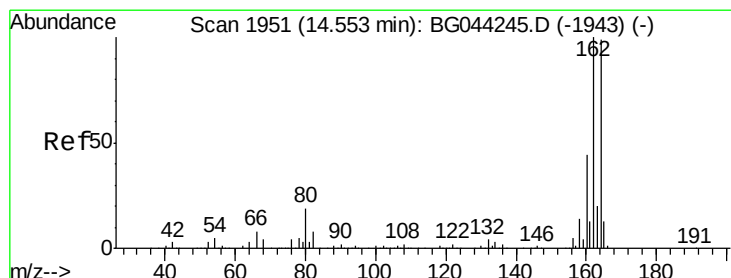
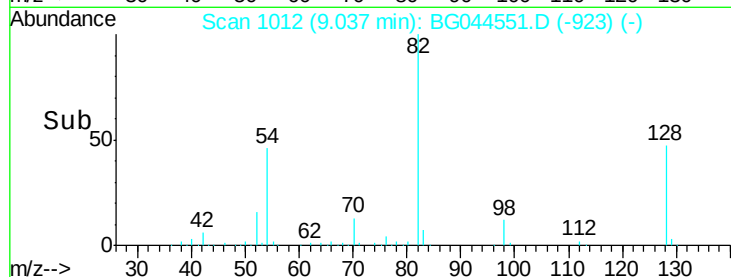
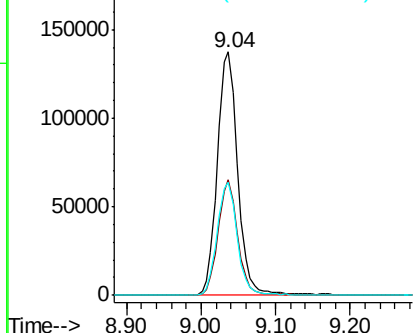
#23
 Nitrobenzene-d5
 Concen: 65.440 ng
 RT: 9.04 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BG044551.D
 Acq: 21 Feb 2020 16:18

Instrument :
 BNA_G
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 FK-BPM-03-011-ABCD

Tot Ion	82	Resp	262315
Ion Ratio	100	Lower	Upper
128	47.4	39.1	58.7
54	46.5	37.9	56.9

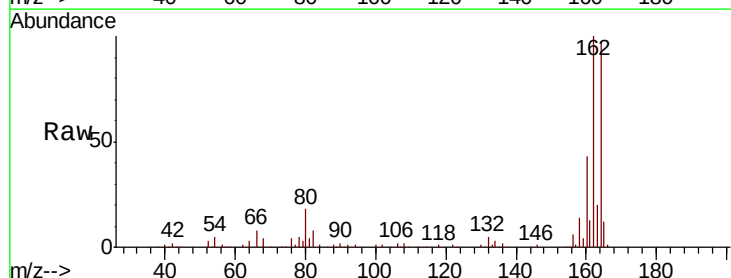


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

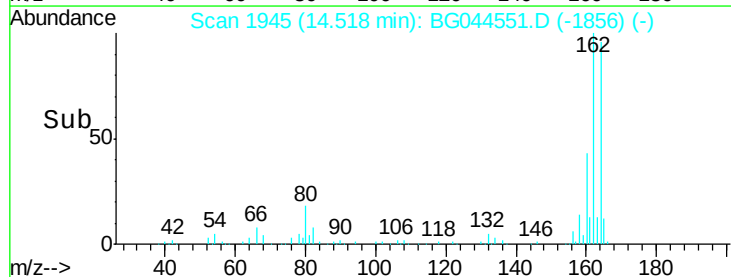
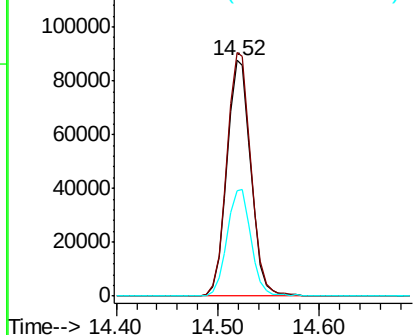


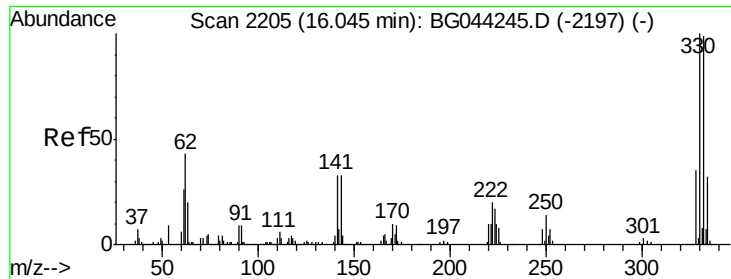
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.52 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: BG044551.D
 Acq: 21 Feb 2020 16:18

Tgt Ion	164	Resp	142984
Ion Ratio	100	Lower	Upper
162	103.4	81.9	122.9
160	44.9	35.5	53.3



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





#42

2,4,6-Tribromophenol

Concen: 104.524 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG044551.D

Acq: 21 Feb 2020 16:18

Instrument :

BNA_G

ClientSampleId :

FK-BPM-03-011-ABCD

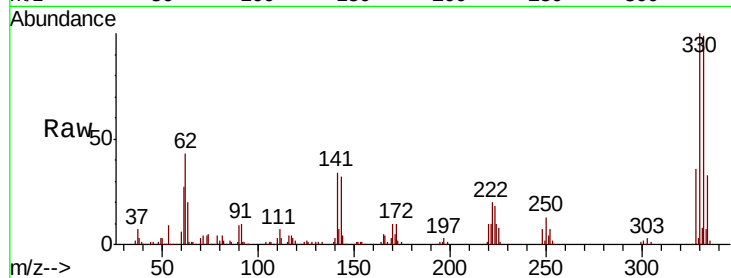
Tot Ion:330 Resp: 175448

Ion Ratio Lower Upper

330 100

332 98.1 76.6 115.0

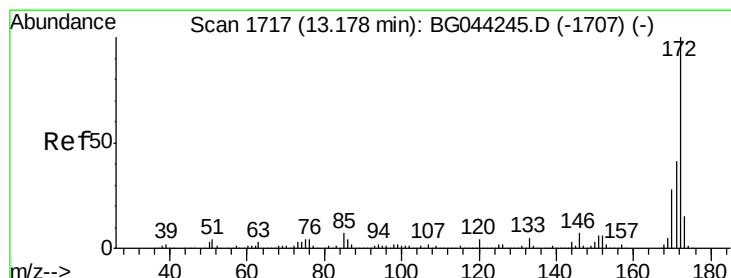
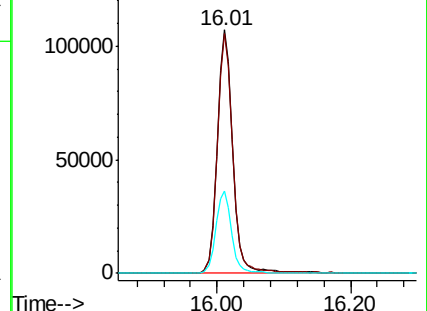
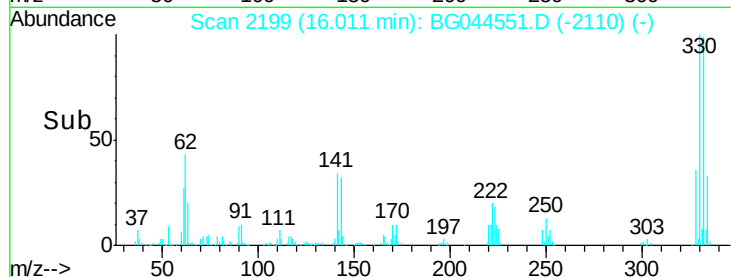
141 34.3 26.5 39.7



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: 67.930 ng

RT: 13.14 min Scan# 1711

Delta R.T. -0.00 min

Lab File: BG044551.D

Acq: 21 Feb 2020 16:18

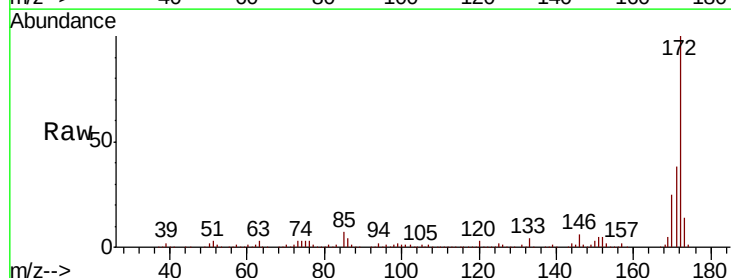
Tgt Ion:172 Resp: 580027

Ion Ratio Lower Upper

172 100

171 37.6 32.3 48.5

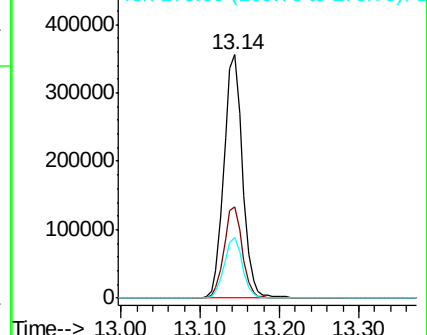
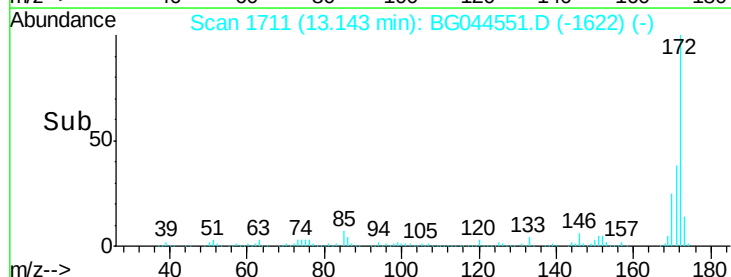
170 24.9 21.6 32.4

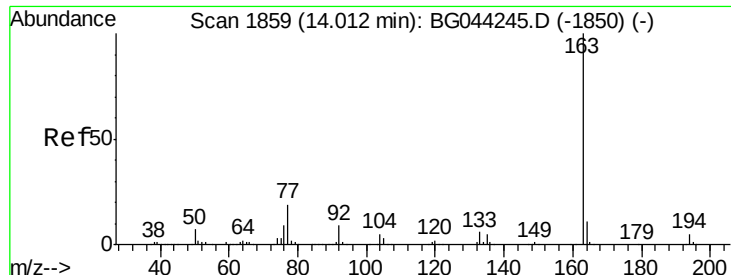


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.564 ng

RT: 13.98 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BG044551.D

Acq: 21 Feb 2020 16:18

Instrument :

BNA_G

ClientSampleId :

FK-BPM-03-011-ABCD

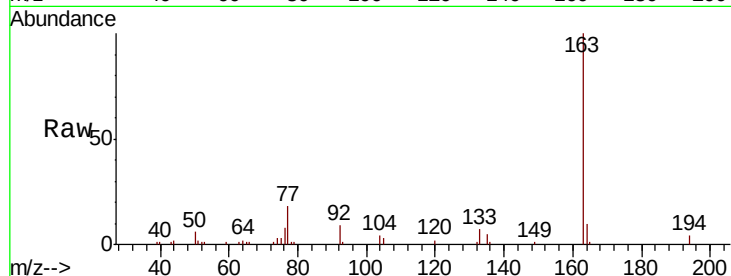
Tot Ion:163 Resp: 46909

Ion Ratio Lower Upper

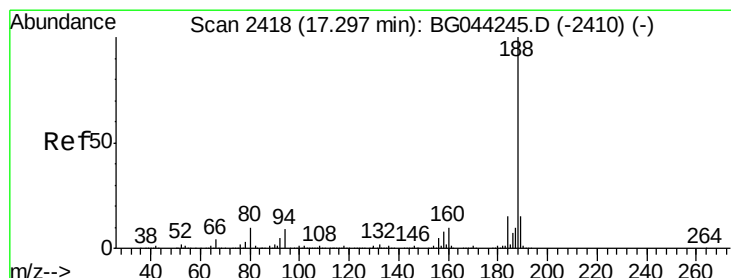
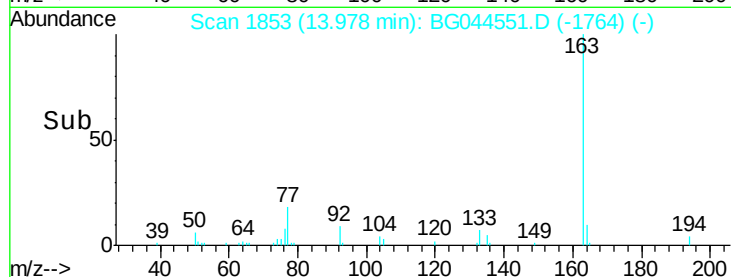
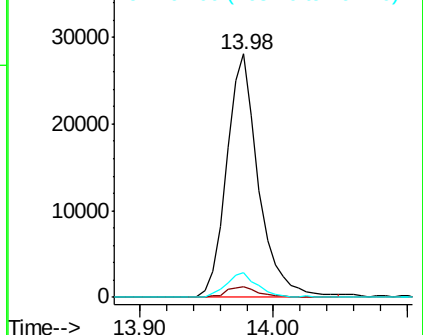
163 100

194 4.3 3.6 5.4

164 10.3 8.9 13.3



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: BG044551.D

Acq: 21 Feb 2020 16:18

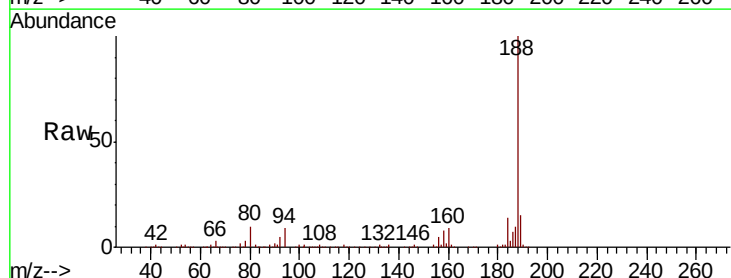
Tgt Ion:188 Resp: 331886

Ion Ratio Lower Upper

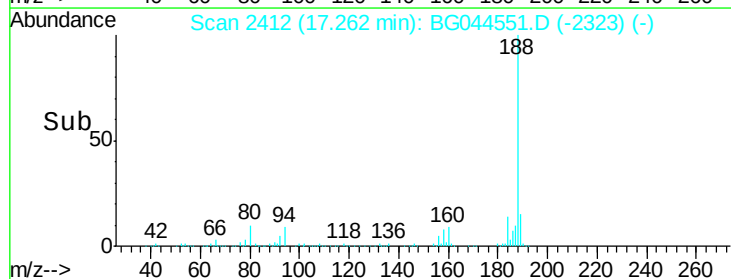
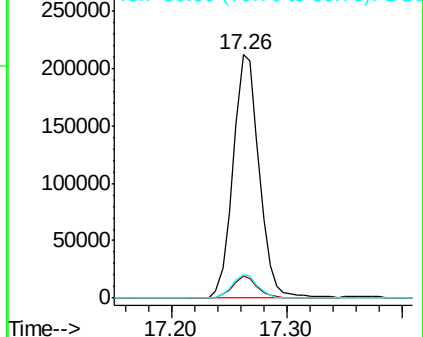
188 100

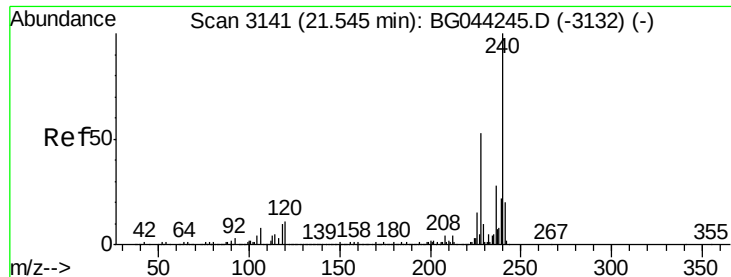
94 9.0 7.4 11.0

80 9.6 7.8 11.6



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

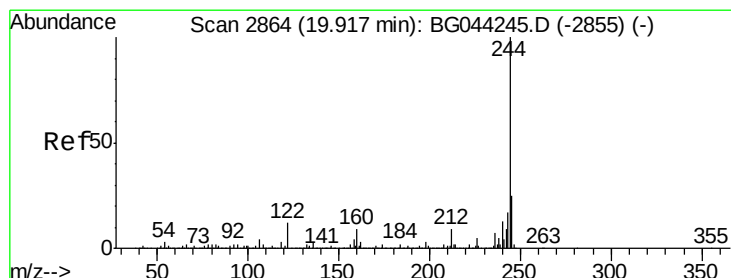
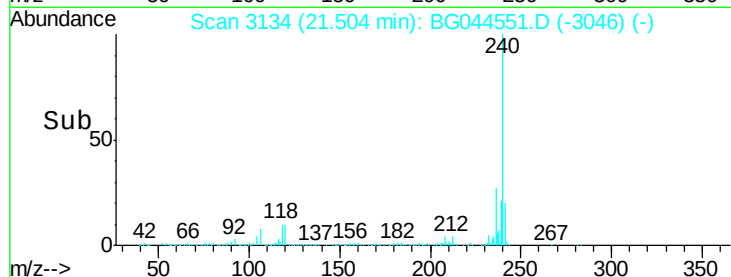
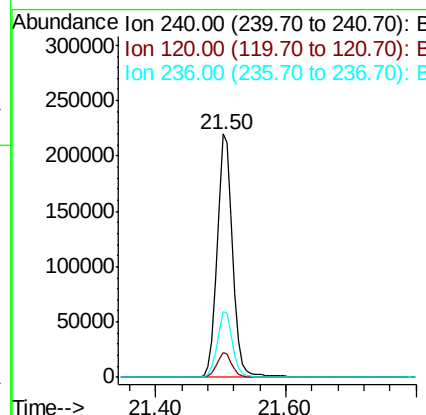
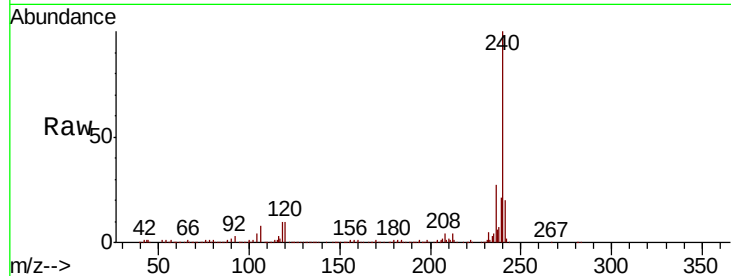




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.50 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BG044551.D
 Acq: 21 Feb 2020 16:18

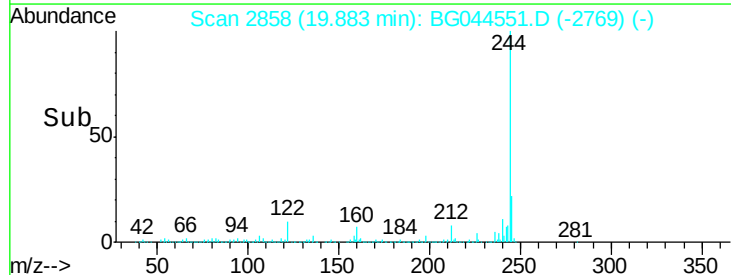
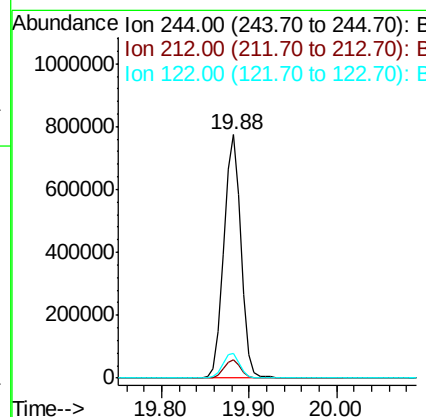
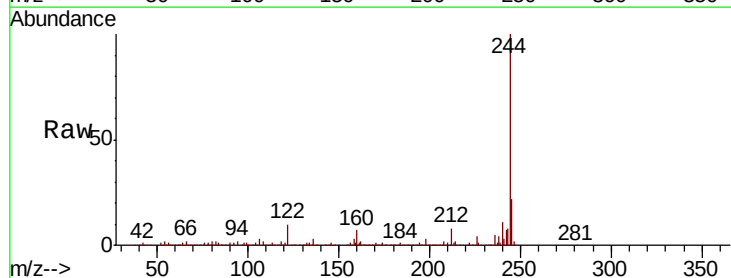
Instrument :
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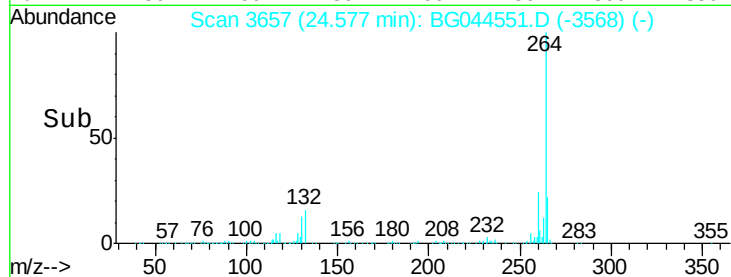
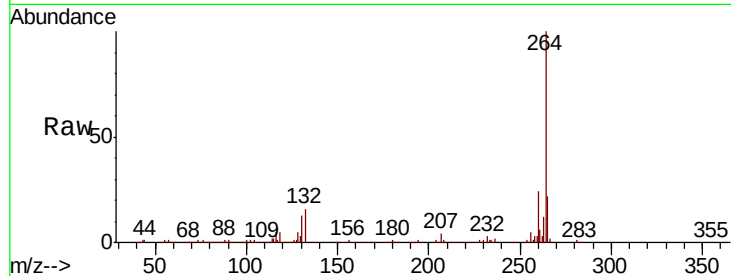
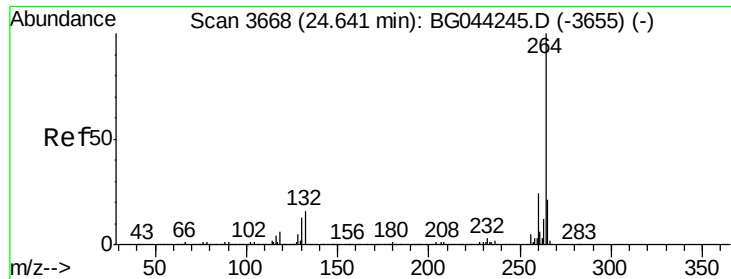
Tot Ion:240 Resp: 360082
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.2 12.2
 236 26.7 22.0 33.0



#79
 Terphenyl-d14
 Concen: 60.094 ng
 RT: 19.88 min Scan# 2858
 Delta R.T. -0.00 min
 Lab File: BG044551.D
 Acq: 21 Feb 2020 16:18

Tgt Ion:244 Resp: 1052024
 Ion Ratio Lower Upper
 244 100
 212 7.7 7.6 11.4
 122 10.3 9.8 14.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.58 min Scan# 3657

Delta R.T. -0.00 min

Lab File: BG044551.D

Acq: 21 Feb 2020 16:18

Instrument :

BNA_G

ClientSampleId :

FK-BPM-03-011-ABCD

Tot Ion:264 Resp: 407465

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.8

265 21.9 17.6 26.4

