

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044545.D
 Acq On : 21 Feb 2020 12:19
 Operator : CG/JU
 Sample : PB126933BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126933BL

Quant Time: Feb 21 16:19:53 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	49321	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	200332	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	137848	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	349242	20.00	ng	0.00
76) Chrysene-d12	21.50	240	366199	20.00	ng	-0.01
87) Perylene-d12	24.58	264	403468	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	373984	133.82	ng	0.00
7) Phenol-d6	7.06	99	482921	128.68	ng	0.00
23) Nitrobenzene-d5	9.04	82	285161	80.36	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	224628	138.81	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	722441	87.76	ng	0.00
79) Terphenyl-d14	19.88	244	1568897	88.12	ng	0.00

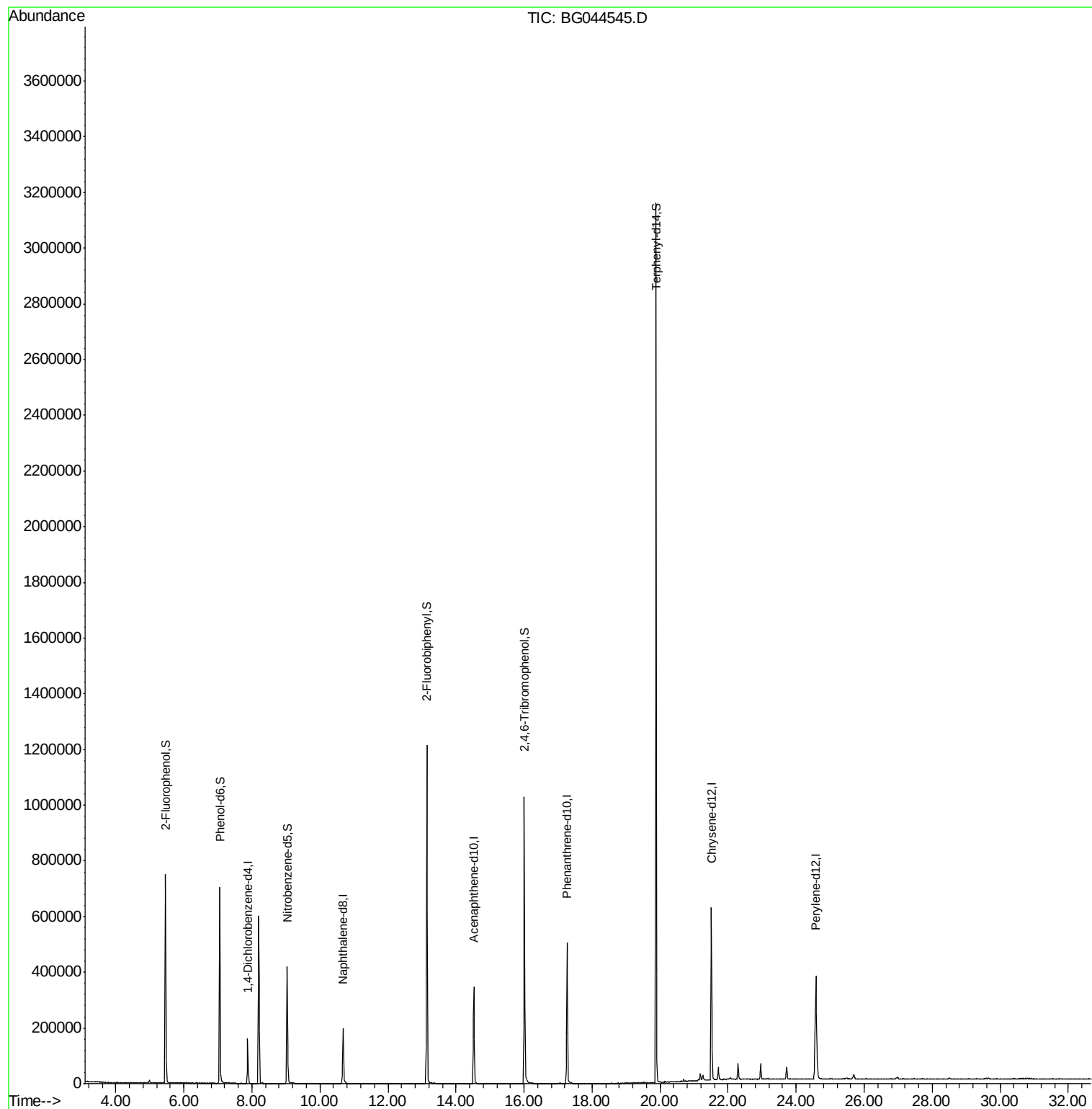
Target Compounds Qvalue

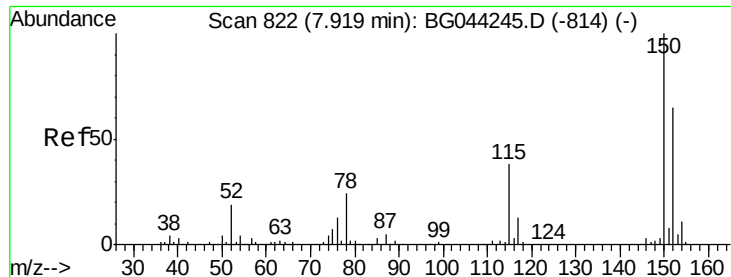
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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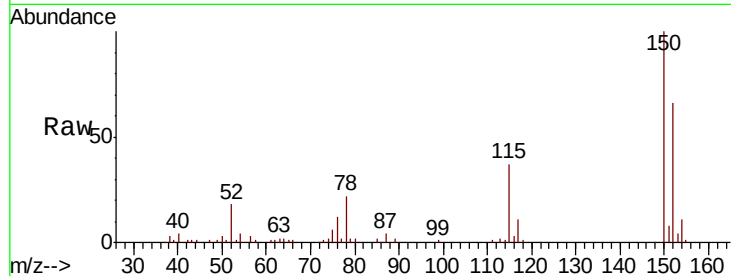


#1

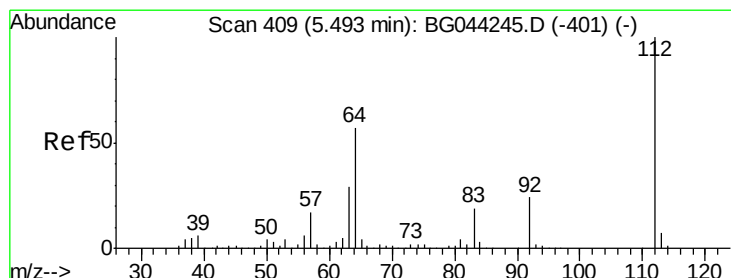
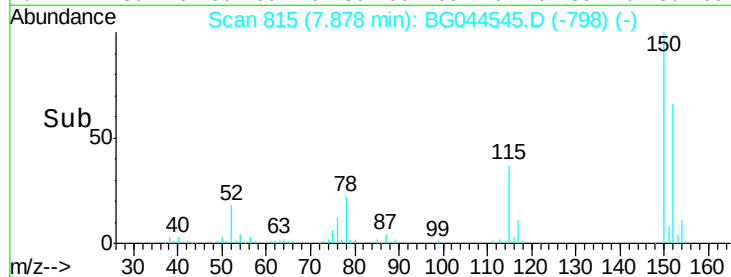
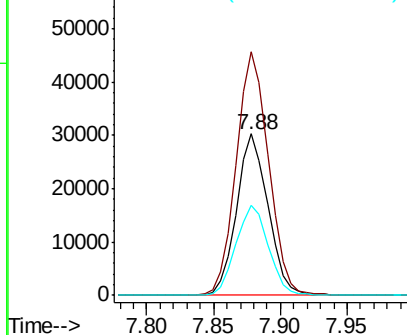
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BG044545.D
Acq: 21 Feb 2020 12:19

Instrument :
BNA_G
ClientSampleId :
PB126933BL

Tot Ion:152 Resp: 49321
Ion Ratio Lower Upper
152 100
150 150.7 123.1 184.7
115 55.5 45.1 67.7



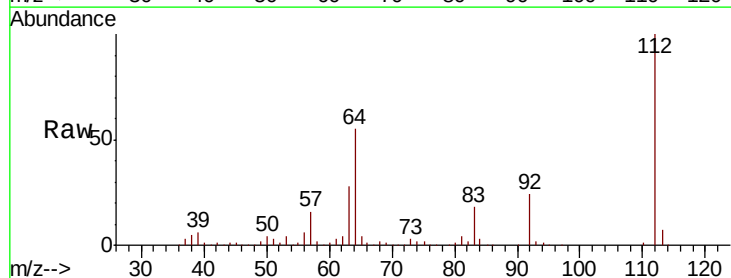
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



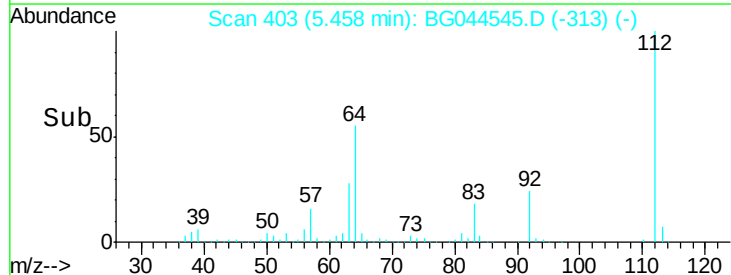
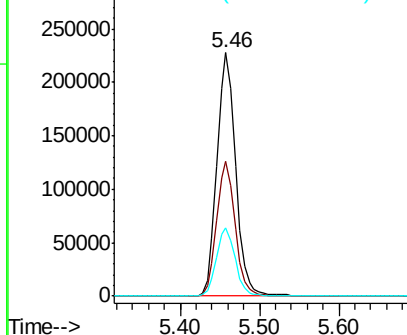
#5

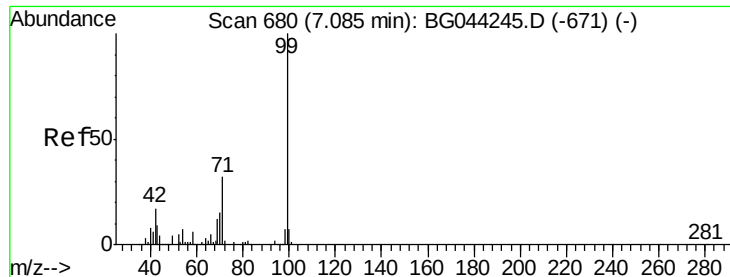
2-Fluorophenol
Concen: 133.822 ng
RT: 5.46 min Scan# 403
Delta R.T. 0.00 min
Lab File: BG044545.D
Acq: 21 Feb 2020 12:19

Tgt Ion:112 Resp: 373984
Ion Ratio Lower Upper
112 100
64 55.3 44.5 66.7
63 28.1 22.2 33.2



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: 128.683 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044545.D

Acq: 21 Feb 2020 12:19

Instrument :

BNA_G

ClientSampleId :

PB126933BL

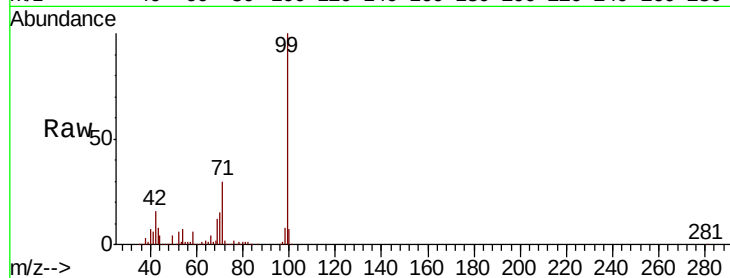
Tot Ion: 99 Resp: 482921

Ion Ratio Lower Upper

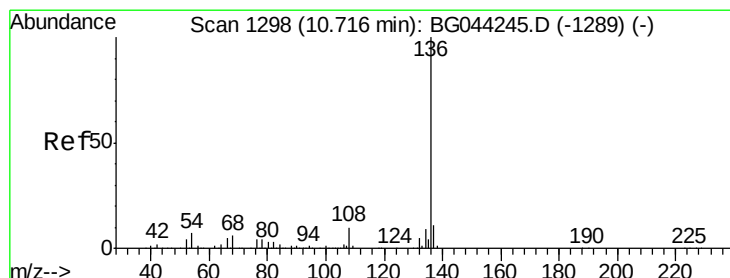
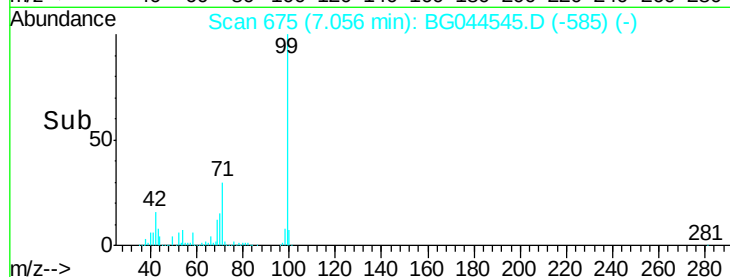
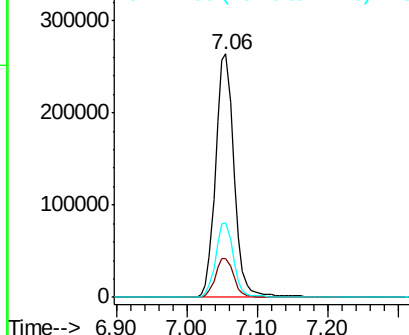
99 100

42 16.1 13.4 20.0

71 30.4 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: BG044545.D

Acq: 21 Feb 2020 12:19

Tgt Ion: 136 Resp: 200332

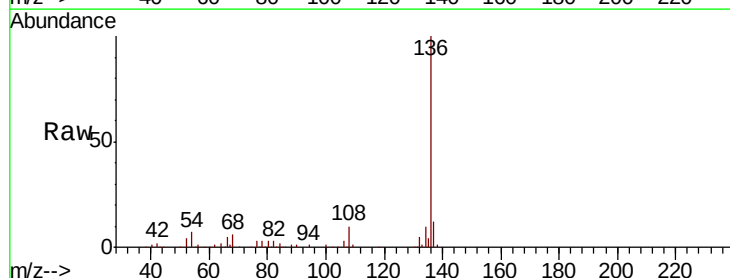
Ion Ratio Lower Upper

136 100

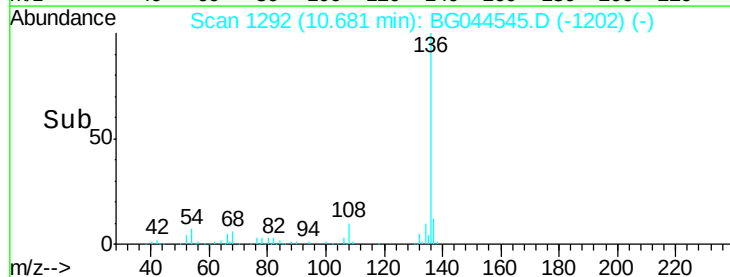
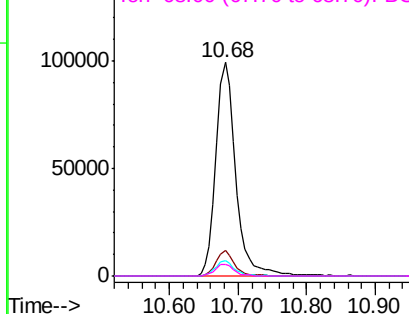
137 11.9 9.0 13.6

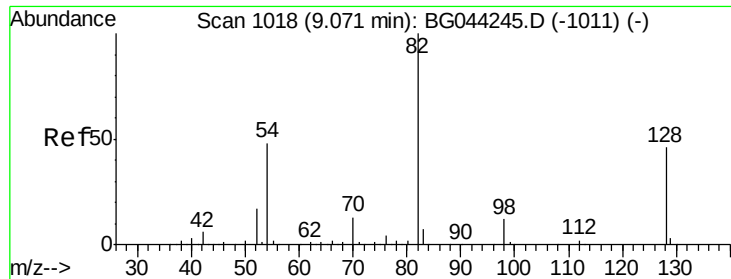
54 7.1 5.5 8.3

68 5.6 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

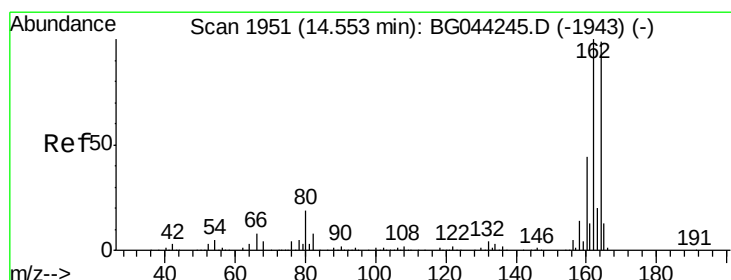
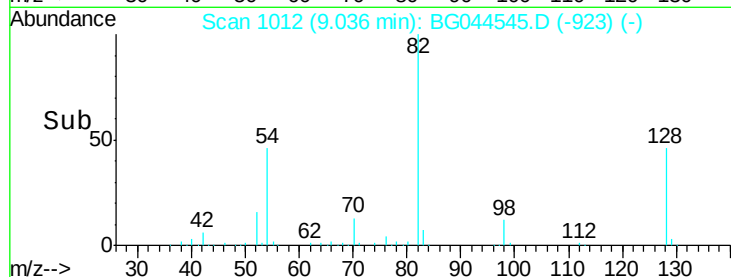
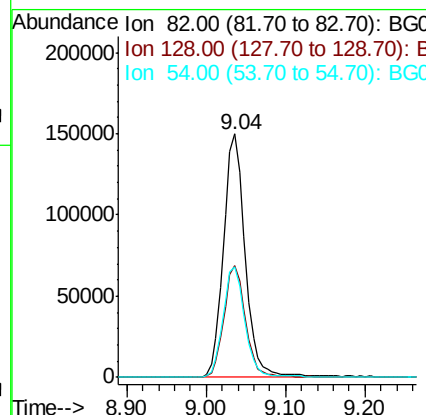
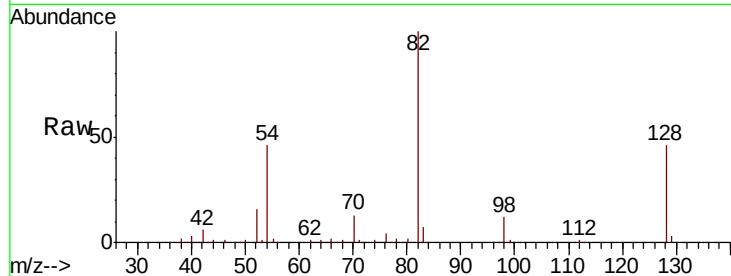




#23
 Nitrobenzene-d5
 Concen: 80.362 ng
 RT: 9.04 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BG044545.D
 Acq: 21 Feb 2020 12:19

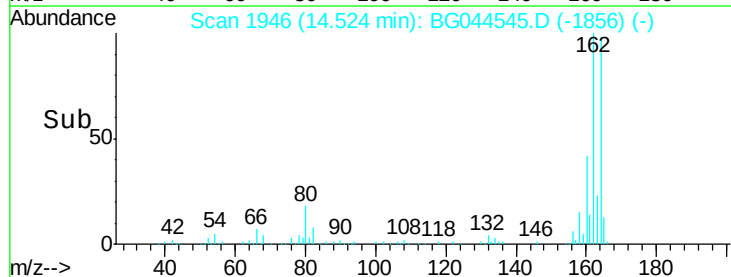
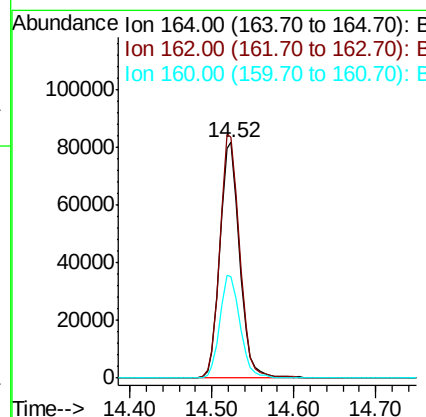
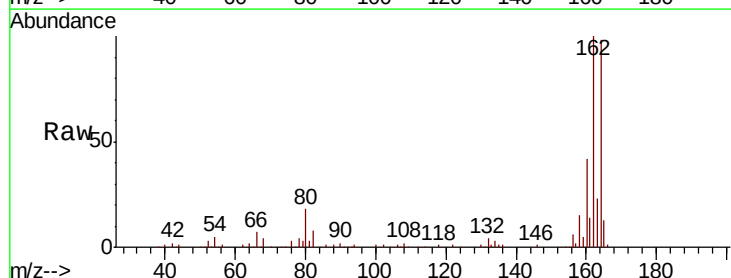
Instrument :
 BNA_G
 ClientSampleId :
 PB126933BL

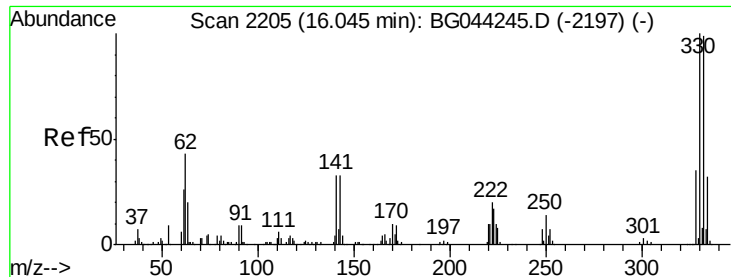
Tot Ion	82	Resp	285161
Ion Ratio	100	Lower	Upper
128	46.0	39.1	58.7
54	45.6	37.9	56.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: BG044545.D
 Acq: 21 Feb 2020 12:19

Tgt Ion	164	Resp	137848
Ion Ratio	100	Lower	Upper
162	102.4	81.9	122.9
160	43.0	35.5	53.3





#42

2,4,6-Tribromophenol

Concen: 138.809 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG044545.D

Acq: 21 Feb 2020 12:19

Instrument :

BNA_G

ClientSampleId :

PB126933BL

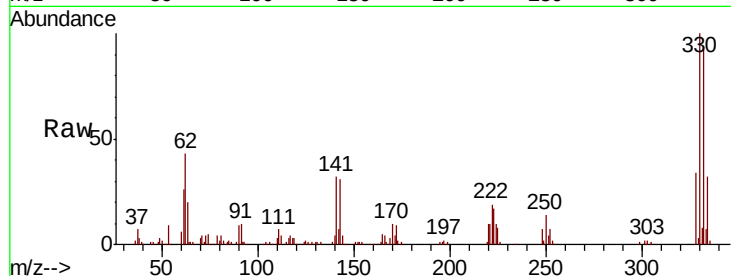
Tot Ion:330 Resp: 224628

Ion Ratio Lower Upper

330 100

332 95.2 76.6 115.0

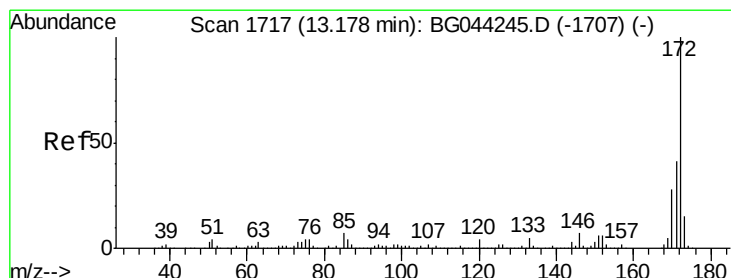
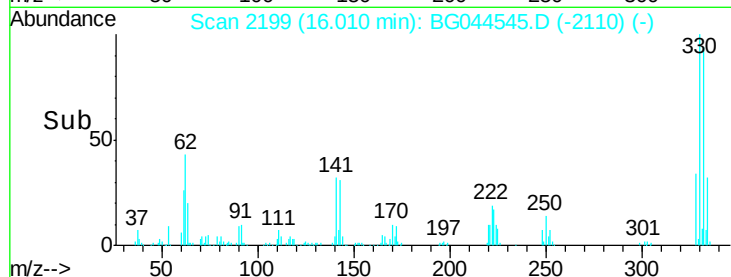
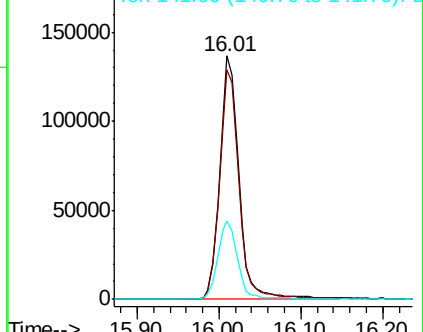
141 33.5 26.5 39.7



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: 87.761 ng

RT: 13.14 min Scan# 1711

Delta R.T. -0.00 min

Lab File: BG044545.D

Acq: 21 Feb 2020 12:19

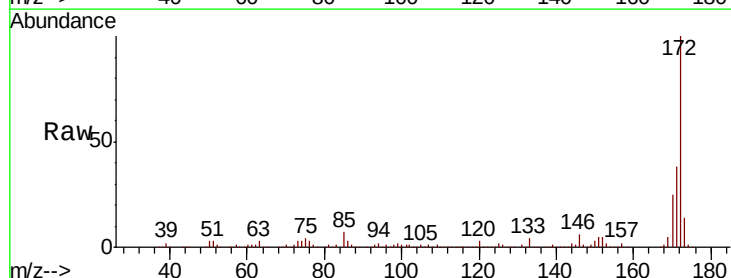
Tgt Ion:172 Resp: 722441

Ion Ratio Lower Upper

172 100

171 38.0 32.3 48.5

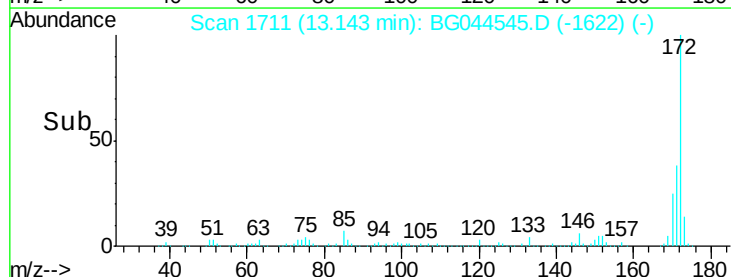
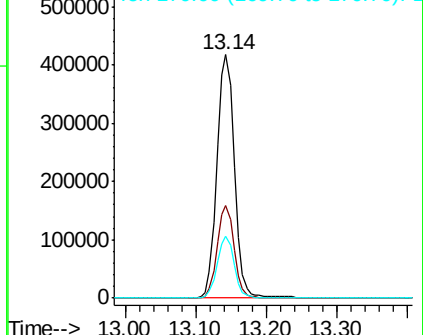
170 25.3 21.6 32.4

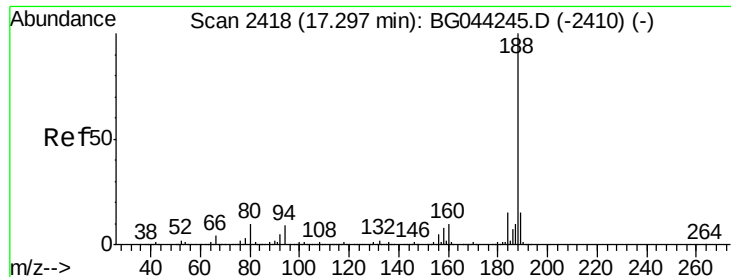


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.27 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BG044545.D

Acq: 21 Feb 2020 12:19

Instrument :

BNA_G

ClientSampleId :

PB126933BL

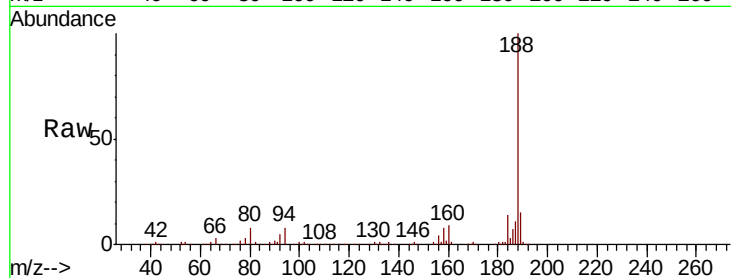
Tot Ion:188 Resp: 349242

Ion Ratio Lower Upper

188 100

94 8.3 7.4 11.0

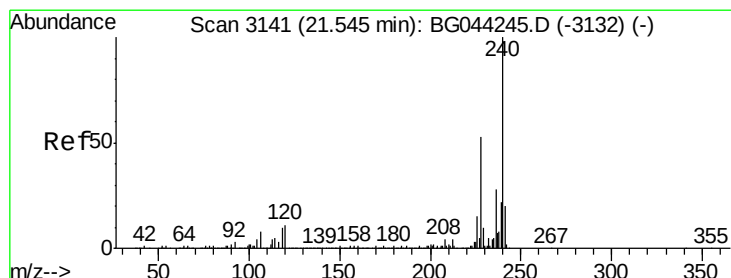
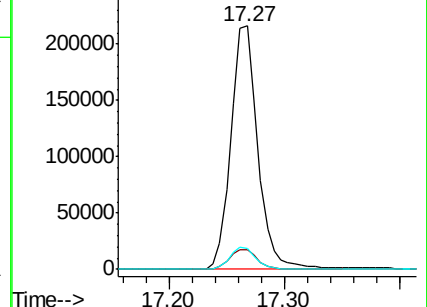
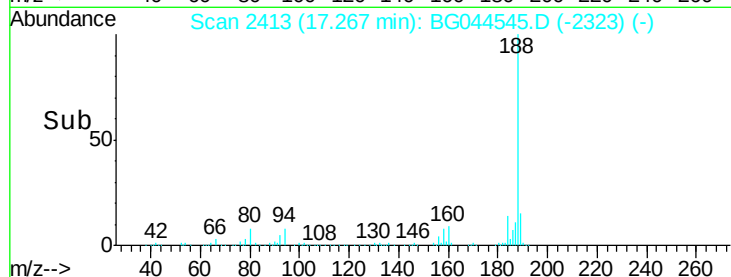
80 8.4 7.8 11.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG044545.D

Acq: 21 Feb 2020 12:19

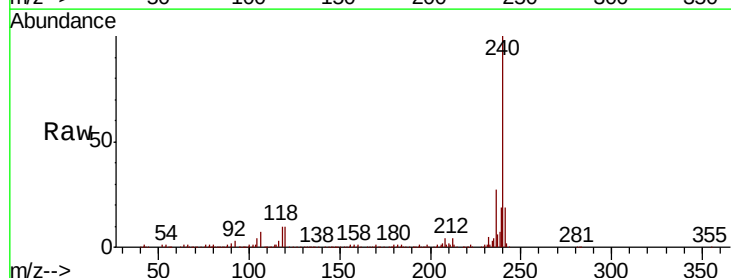
Tgt Ion:240 Resp: 366199

Ion Ratio Lower Upper

240 100

120 10.4 8.2 12.2

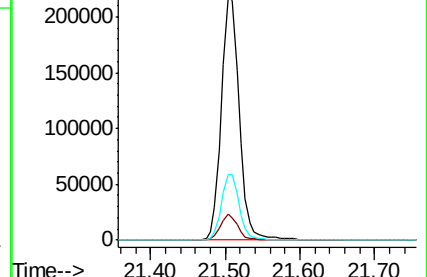
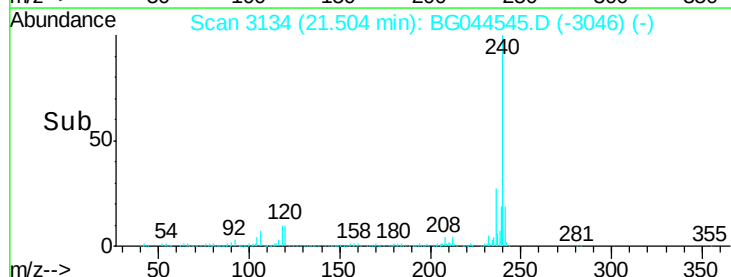
236 27.0 22.0 33.0

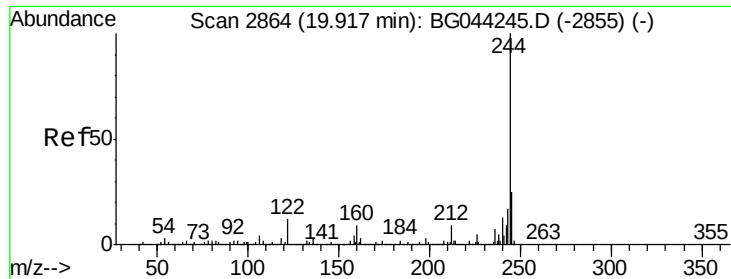


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.122 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044545.D

Acq: 21 Feb 2020 12:19

Instrument :

BNA_G

ClientSampleId :

PB126933BL

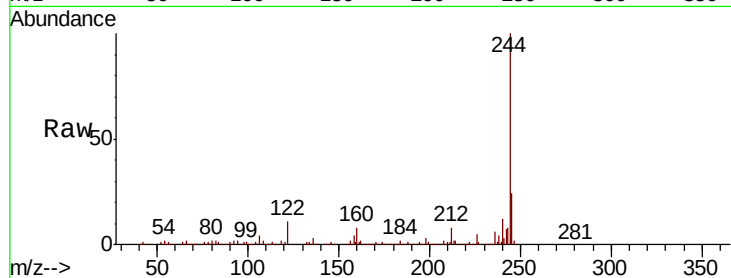
Tot Ion:244 Resp: 1568897

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

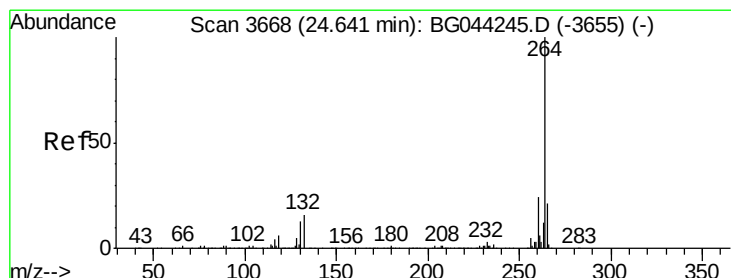
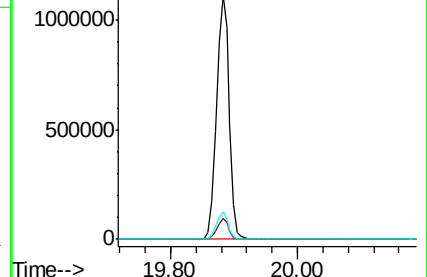
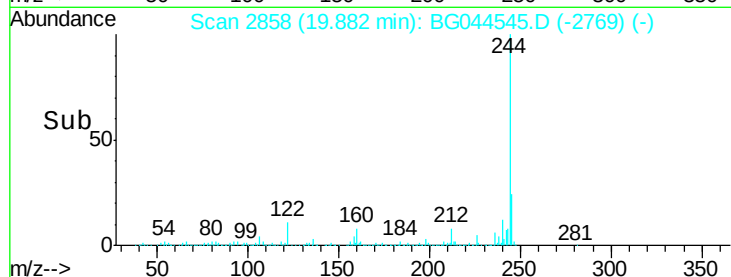
122 11.0 9.8 14.8



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.58 min Scan# 3657

Delta R.T. -0.00 min

Lab File: BG044545.D

Acq: 21 Feb 2020 12:19

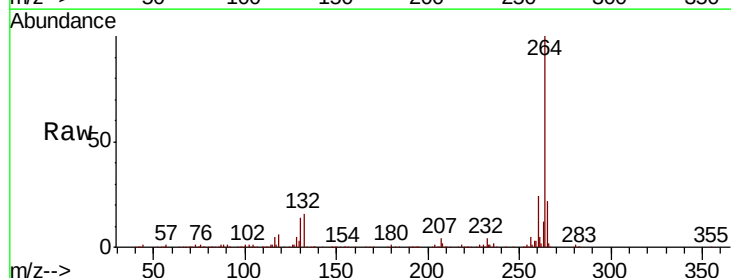
Tgt Ion:264 Resp: 403468

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.8

265 21.5 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

