

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044313.D
 Acq On : 5 Feb 2020 20:43
 Operator : CG/JU
 Sample : PB126599BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126599BL

Quant Time: Feb 06 02:45:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	72027	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	297324	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	211625	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	515029	20.00	ng	0.00
76) Chrysene-d12	21.55	240	480095	20.00	ng	0.00
87) Perylene-d12	24.64	264	536495	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	552655	135.41	ng	0.00
7) Phenol-d6	7.09	99	729113	133.04	ng	0.00
23) Nitrobenzene-d5	9.07	82	430320	81.71	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	325632	131.07	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1029823	81.49	ng	0.00
79) Terphenyl-d14	19.91	244	1882620	80.66	ng	0.00

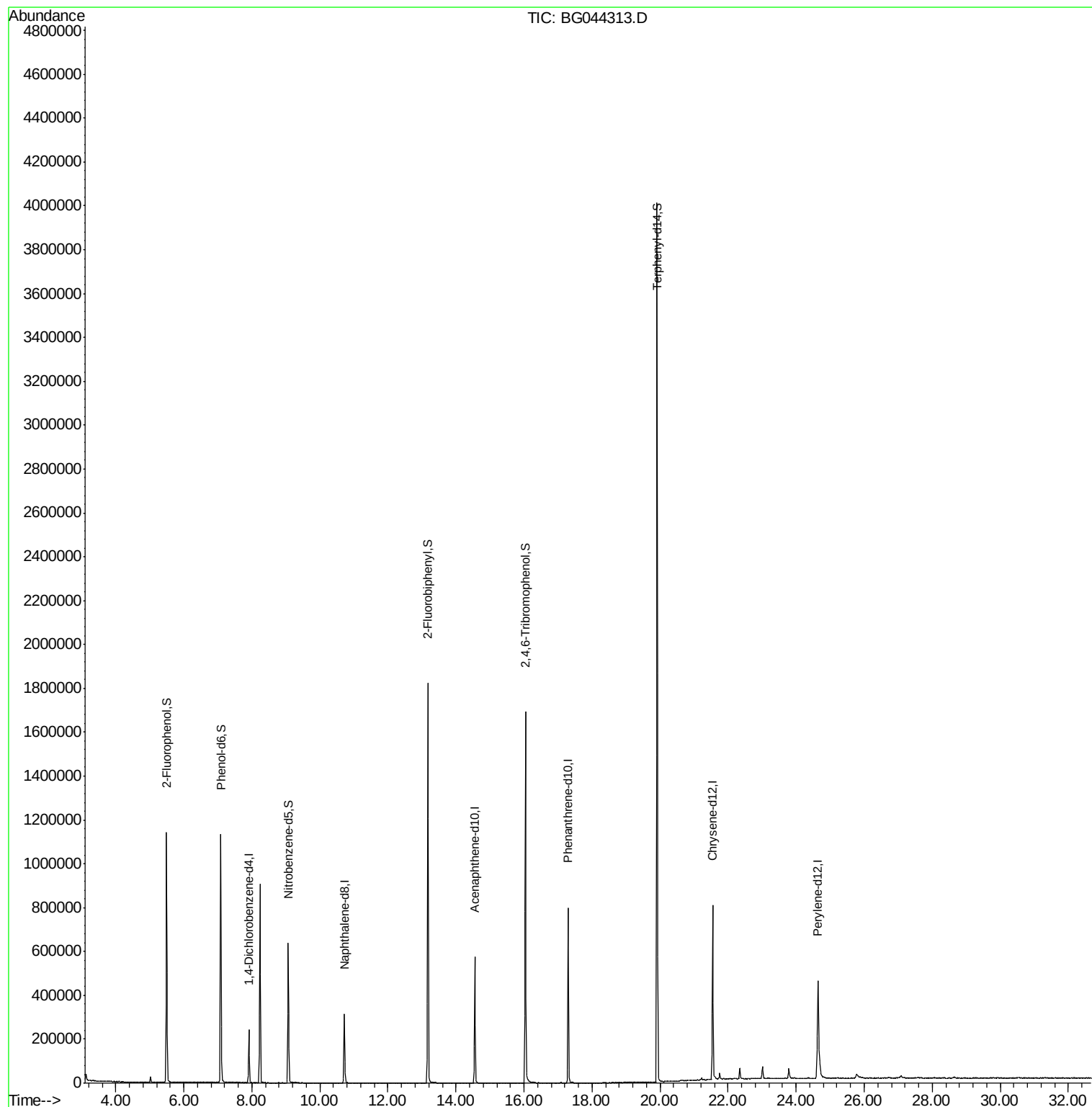
Target Compounds Qvalue

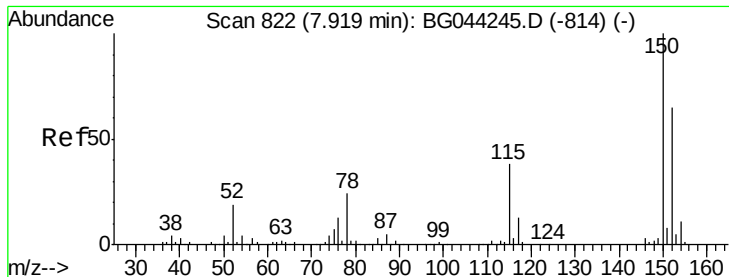
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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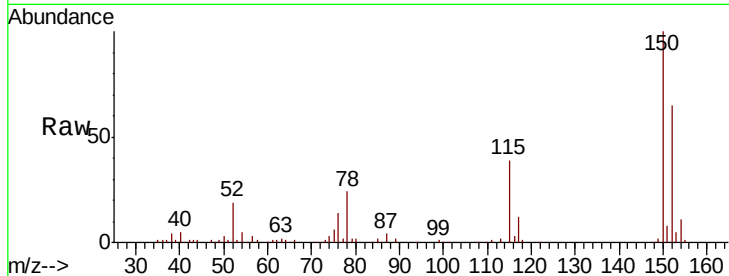


#1

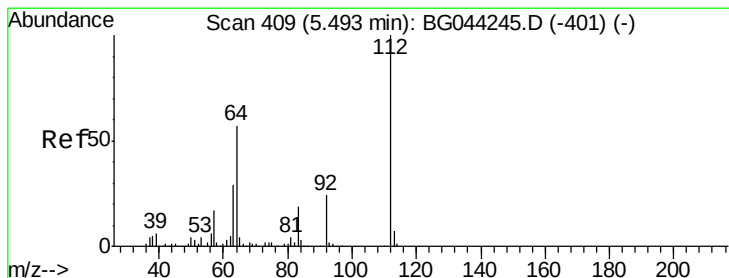
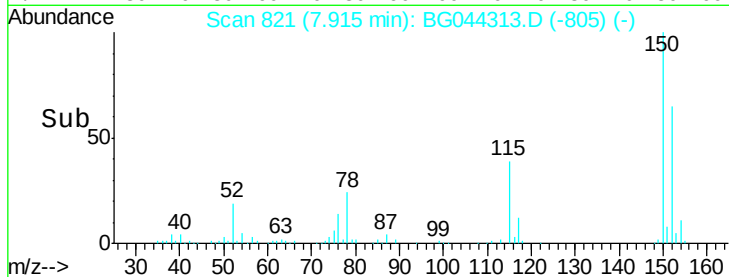
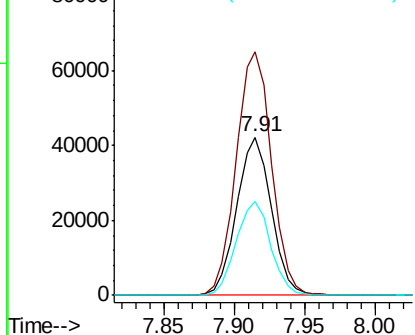
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG044313.D
Acq: 5 Feb 2020 20:43

Instrument :
BNA_G
ClientSampleId :
PB126599BL

Tot Ion:152 Resp: 72027
Ion Ratio Lower Upper
152 100
150 153.9 122.6 183.8
115 59.5 46.0 69.0



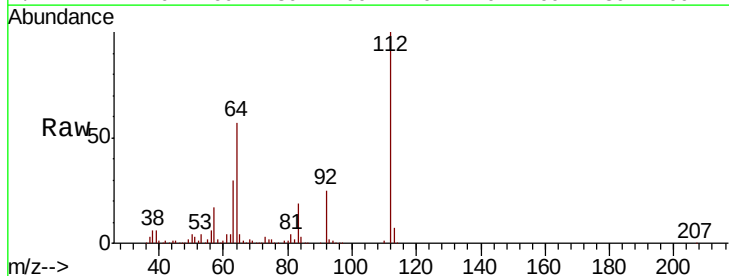
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



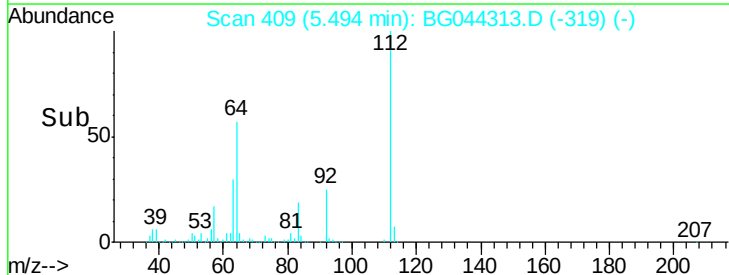
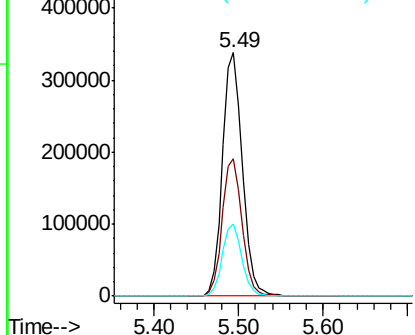
#5

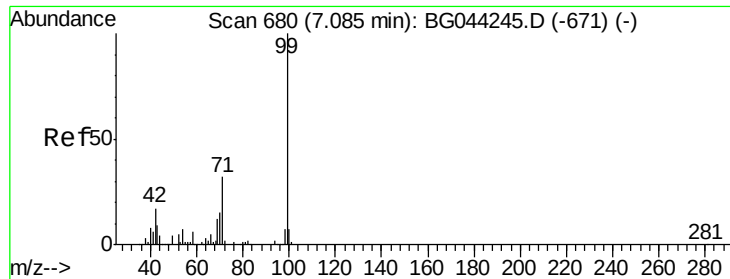
2-Fluorophenol
Concen: 135.414 ng
RT: 5.49 min Scan# 409
Delta R.T. 0.00 min
Lab File: BG044313.D
Acq: 5 Feb 2020 20:43

Tgt Ion:112 Resp: 552655
Ion Ratio Lower Upper
112 100
64 56.5 45.4 68.2
63 29.7 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 133.039 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044313.D

Acq: 5 Feb 2020 20:43

Instrument :

BNA_G

ClientSampled :

PB126599BL

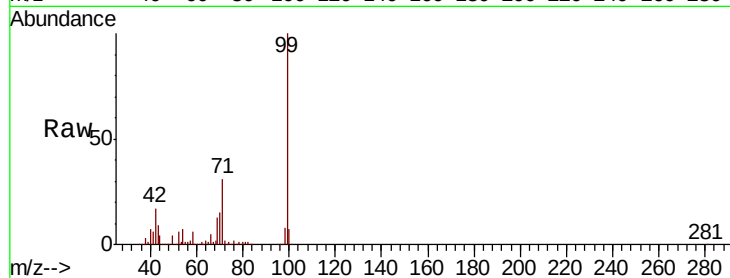
Tot Ion: 99 Resp: 729113

Ion Ratio Lower Upper

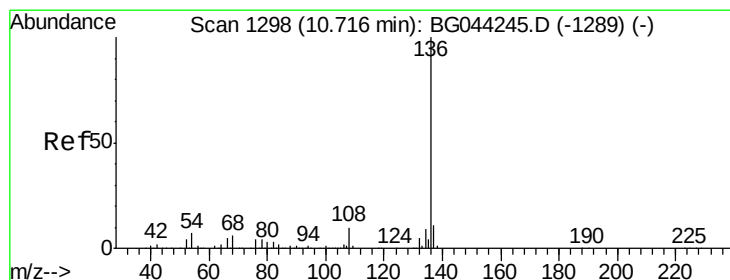
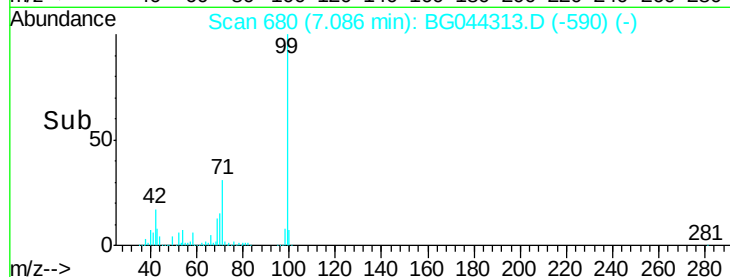
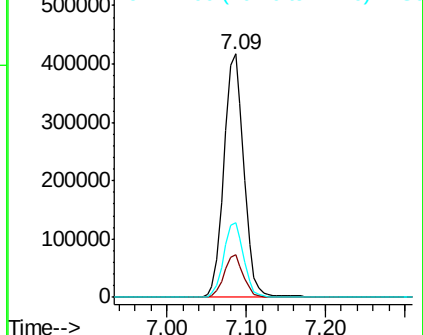
99 100

42 17.3 13.8 20.6

71 30.7 25.5 38.3



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: 10.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BG044313.D

Acq: 5 Feb 2020 20:43

Tgt Ion: 136 Resp: 297324

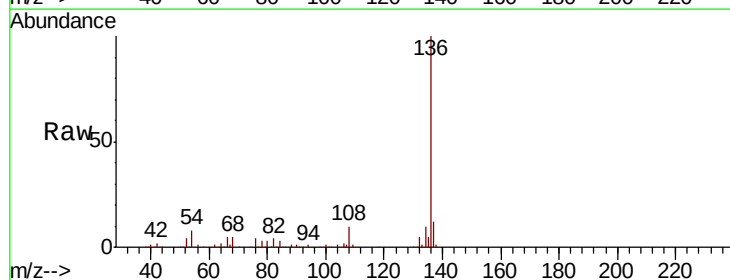
Ion Ratio Lower Upper

136 100

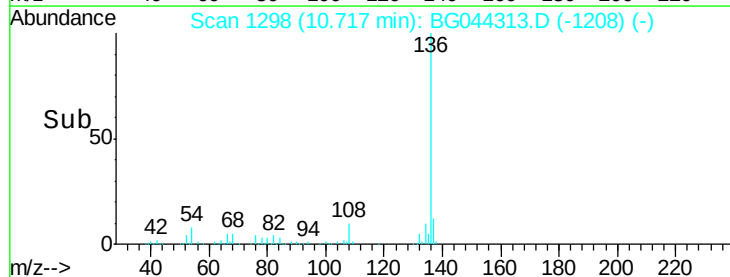
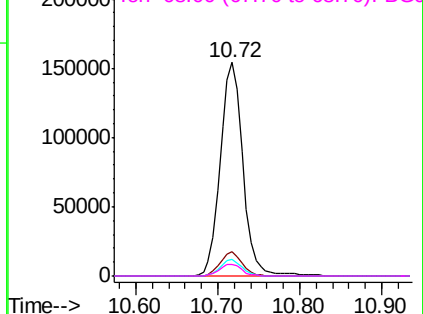
137 11.7 8.8 13.2

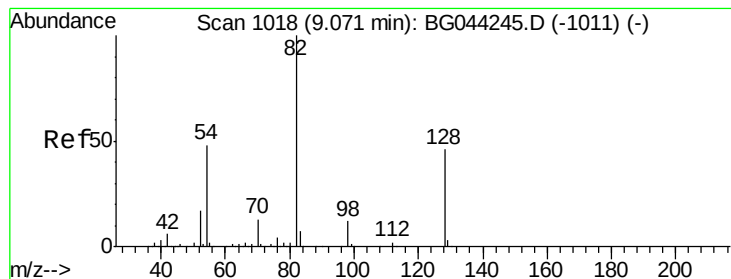
54 7.7 5.8 8.8

68 5.3 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: 81.710 ng

RT: 9.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG044313.D

Acq: 5 Feb 2020 20:43

Instrument :

BNA_G

ClientSampleId :

PB126599BL

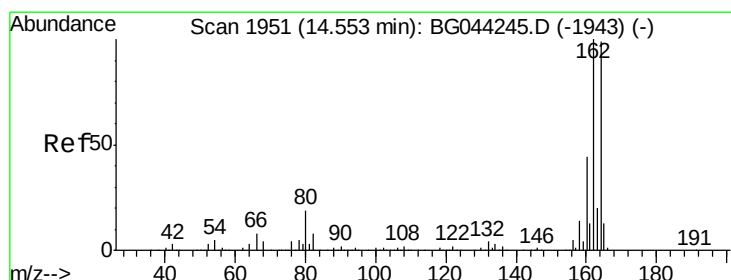
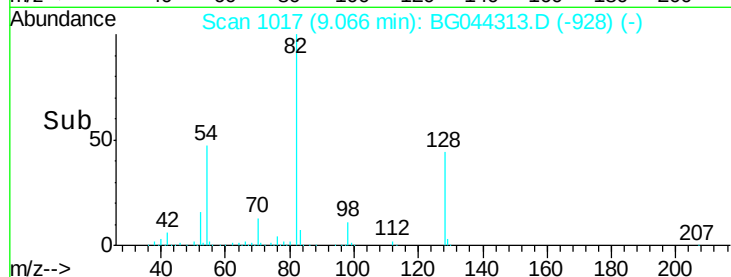
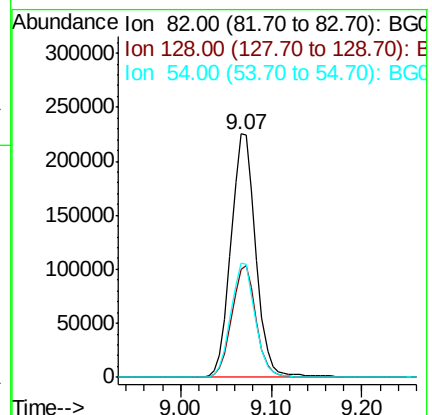
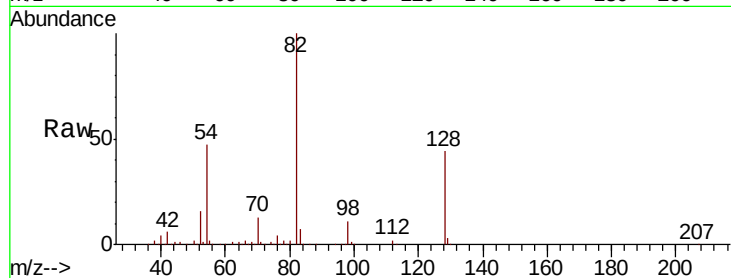
Tot Ion: 82 Resp: 430320

Ion Ratio Lower Upper

82 100

128 44.3 36.5 54.7

54 47.2 38.6 58.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG044313.D

Acq: 5 Feb 2020 20:43

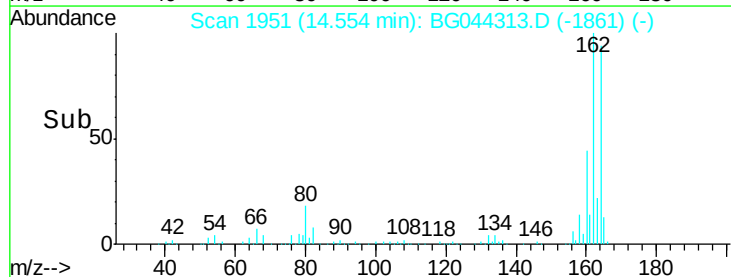
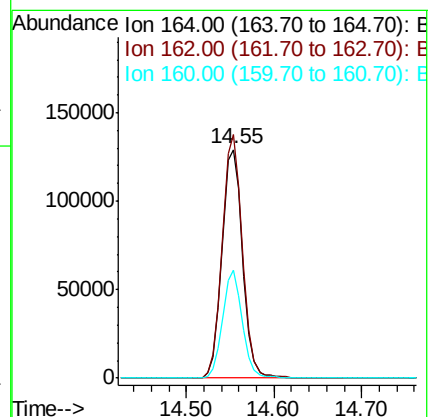
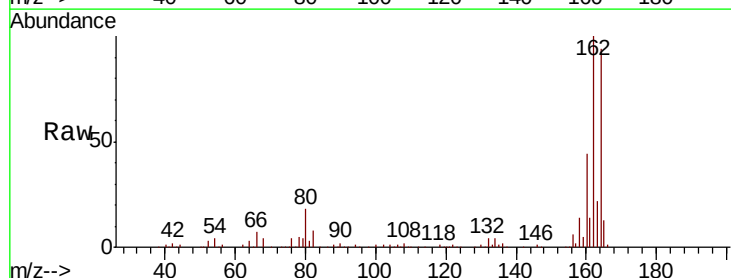
Tgt Ion:164 Resp: 211625

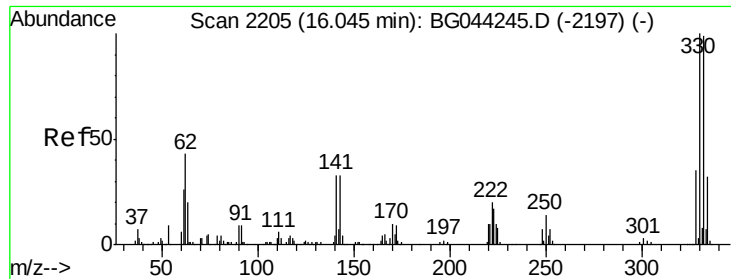
Ion Ratio Lower Upper

164 100

162 106.5 80.7 121.1

160 47.1 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 131.073 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG044313.D

Acq: 5 Feb 2020 20:43

Instrument :

BNA_G

ClientSampled :

PB126599BL

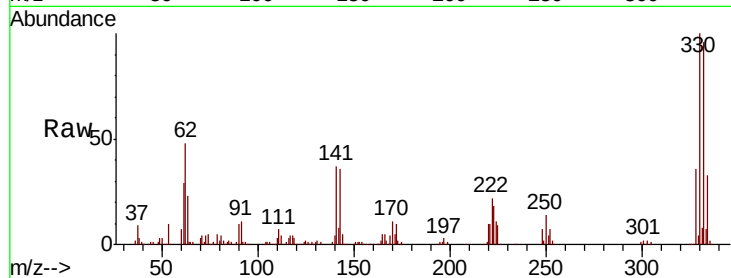
Tot Ion:330 Resp: 325632

Ion Ratio Lower Upper

330 100

332 97.3 77.2 115.8

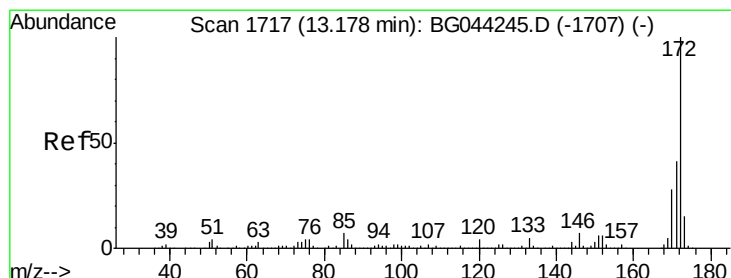
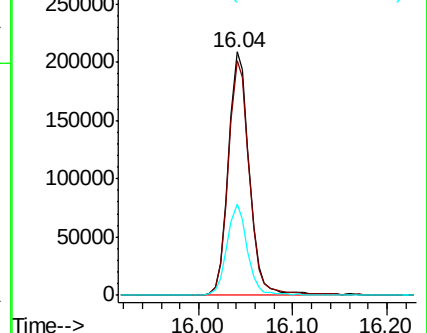
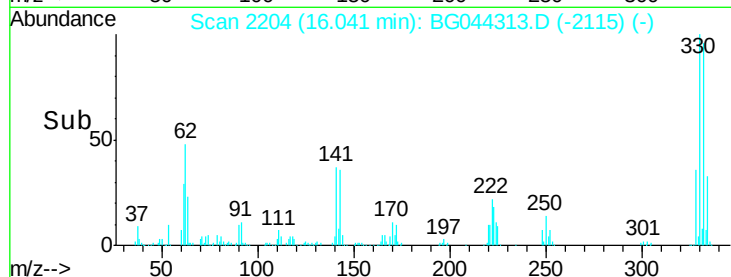
141 37.0 28.3 42.5



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: 81.488 ng

RT: 13.17 min Scan# 1716

Delta R.T. -0.00 min

Lab File: BG044313.D

Acq: 5 Feb 2020 20:43

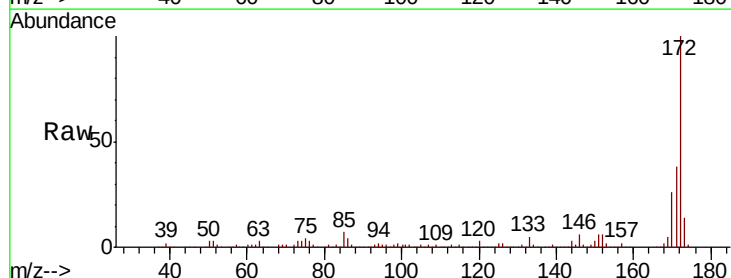
Tgt Ion:172 Resp: 1029823

Ion Ratio Lower Upper

172 100

171 38.0 32.9 49.3

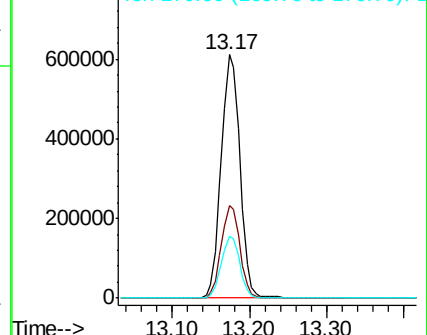
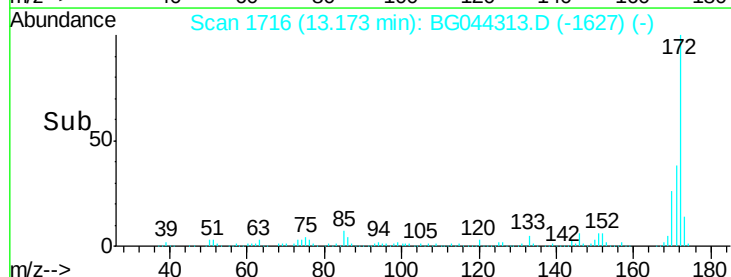
170 25.6 22.0 33.0

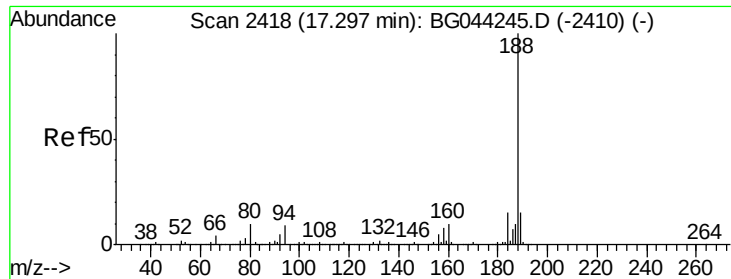


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.30 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG044313.D

Acq: 5 Feb 2020 20:43

Instrument :

BNA_G

ClientSampleId :

PB126599BL

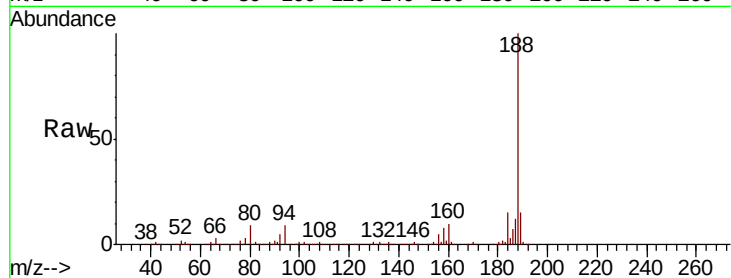
Tot Ion:188 Resp: 515029

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

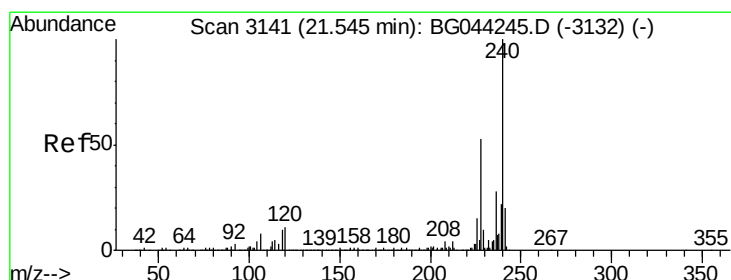
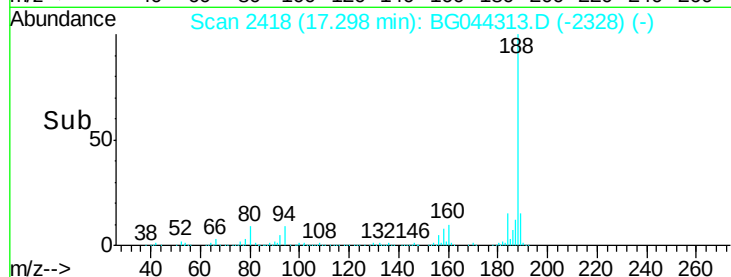
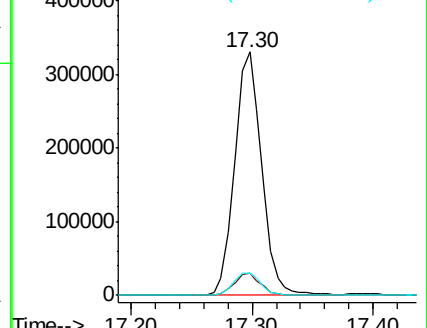
80 9.3 7.7 11.5



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: 21.55 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG044313.D

Acq: 5 Feb 2020 20:43

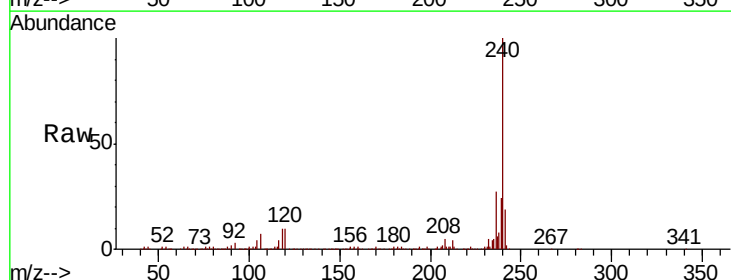
Tgt Ion:240 Resp: 480095

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

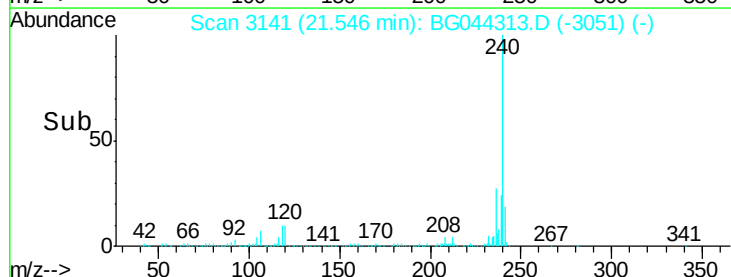
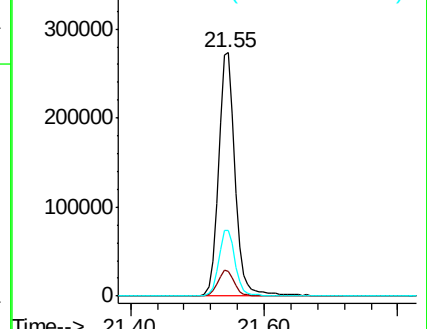
236 26.9 22.1 33.1

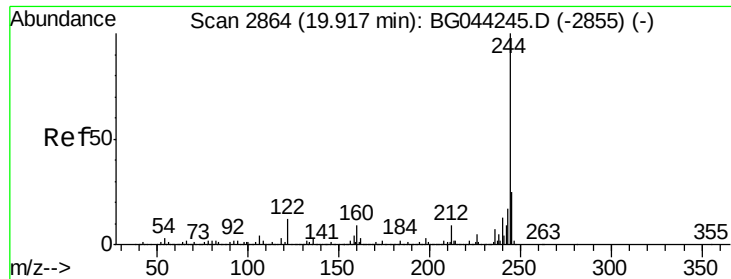


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.657 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG044313.D

Acq: 5 Feb 2020 20:43

Instrument :

BNA_G

ClientSampleId :

PB126599BL

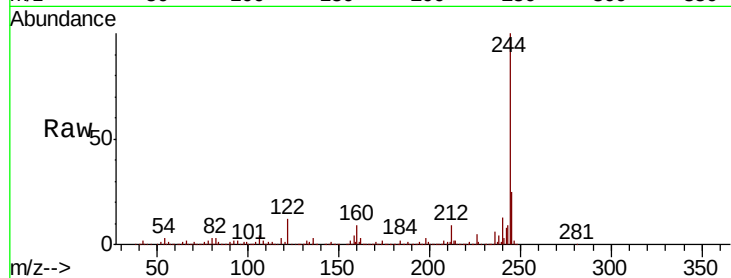
Tot Ion:244 Resp: 1882620

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.2

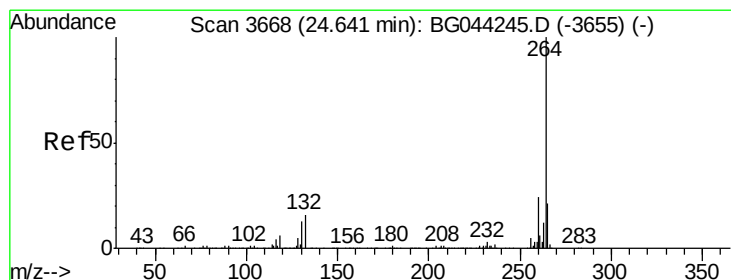
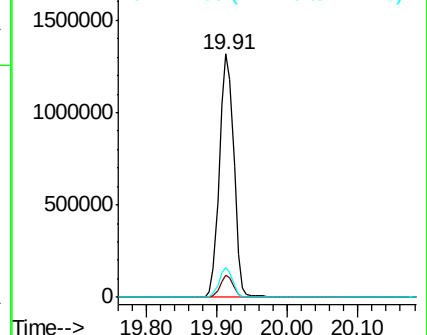
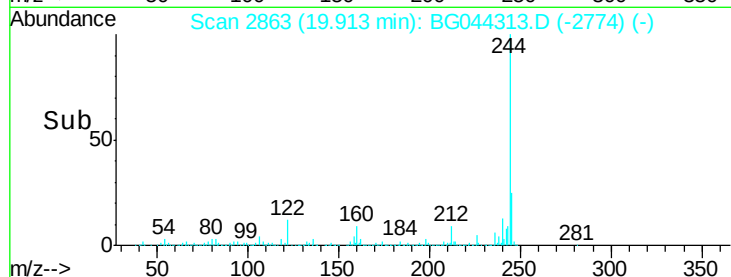
122 12.3 9.8 14.6



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: 24.64 min Scan# 3668

Delta R.T. 0.00 min

Lab File: BG044313.D

Acq: 5 Feb 2020 20:43

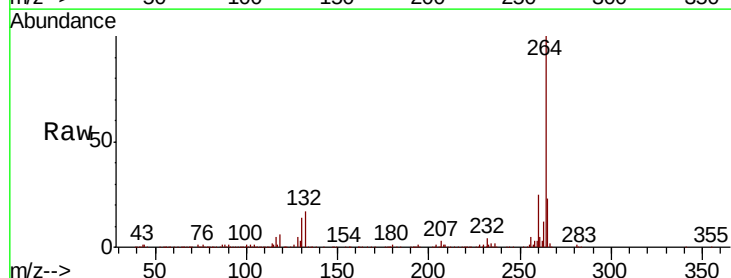
Tgt Ion:264 Resp: 536495

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 22.8 16.7 25.1



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

