

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044372.D
 Acq On : 11 Feb 2020 3:12
 Operator : CG/JU
 Sample : PB126703BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BL

Quant Time: Feb 11 06:56:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	60452	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	267246	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	194480	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	495087	20.00	ng	0.00
76) Chrysene-d12	21.53	240	508402	20.00	ng	0.00
87) Perylene-d12	24.61	264	530412	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	141824	41.40	ng	0.00
7) Phenol-d6	7.07	99	113501	24.68	ng	0.00
23) Nitrobenzene-d5	9.06	82	421172	88.97	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	230475	100.95	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1062574	91.49	ng	0.00
79) Terphenyl-d14	19.90	244	1964340	79.47	ng	0.00

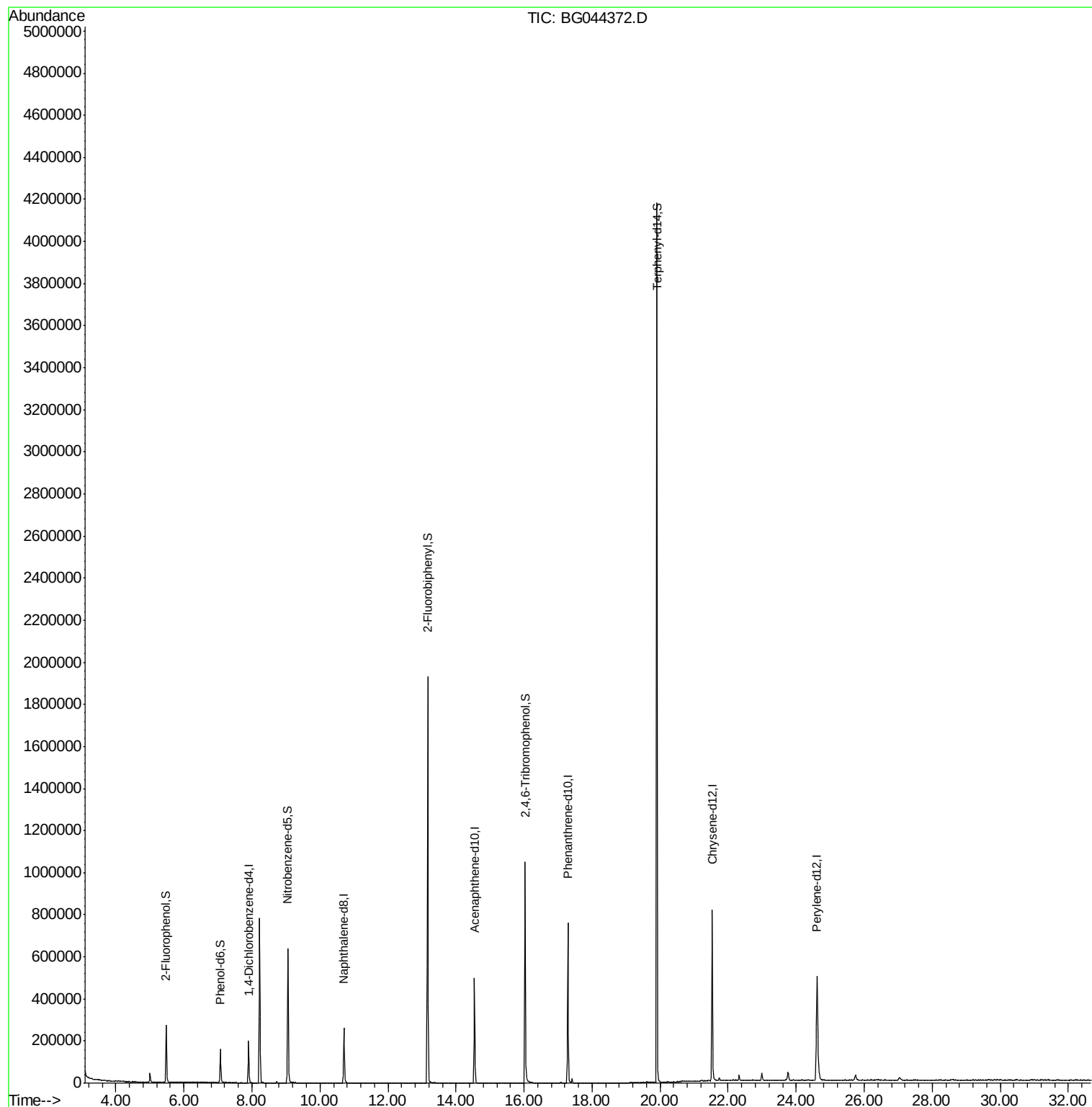
Target Compounds Qvalue

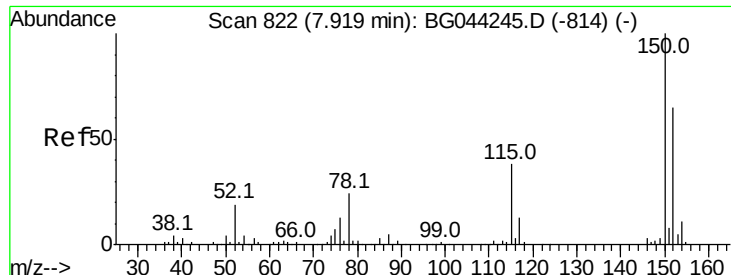
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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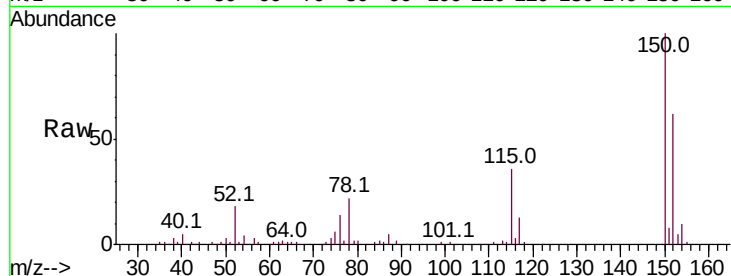


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BG044372.D
 Acq: 11 Feb 2020 3:12

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	122.6	183.8
115	57.1	46.0	69.0

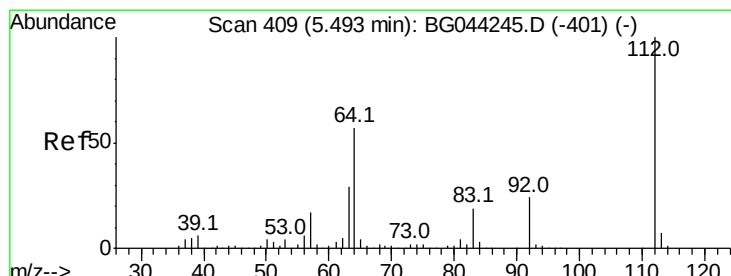
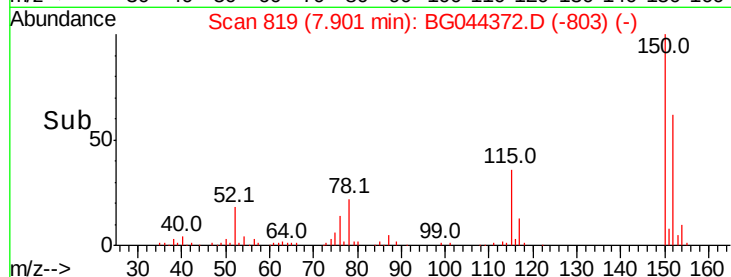
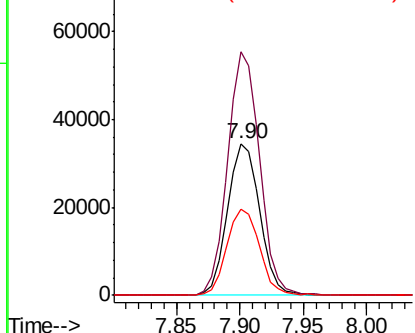


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

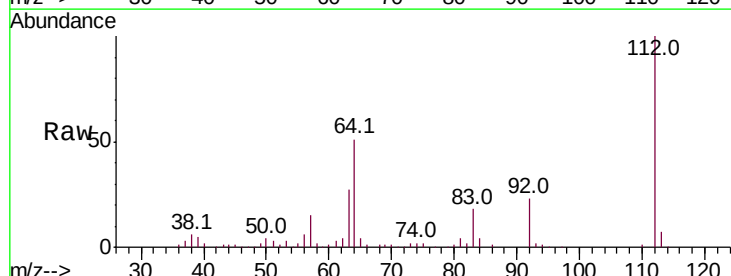
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 41.404 ng
 RT: 5.48 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: BG044372.D
 Acq: 11 Feb 2020 3:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.4	45.4	68.2
63	26.7	22.9	34.3

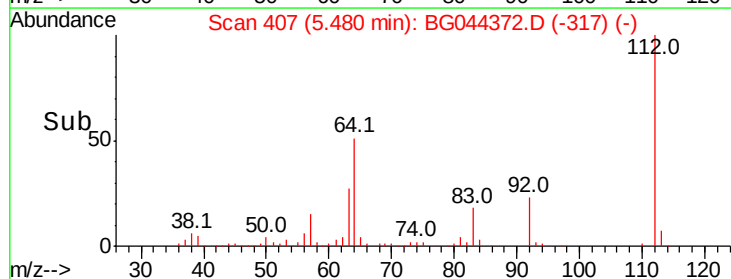
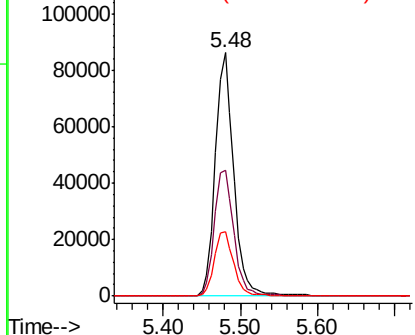


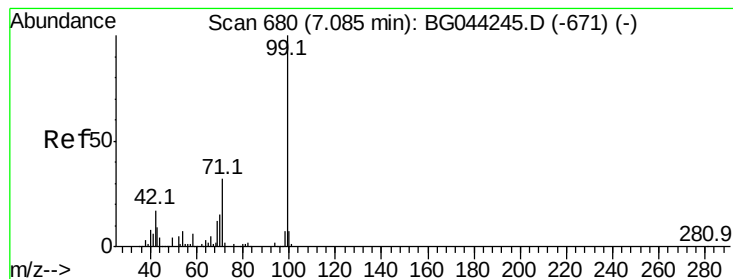
Abundance

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: 24.676 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044372.D

Acq: 11 Feb 2020 3:12

Instrument :

BNA_G

ClientSampleId :

PB126703BL

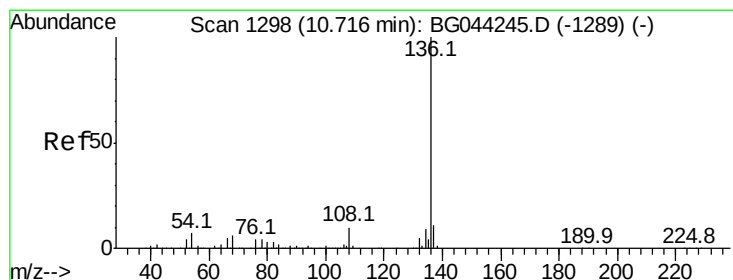
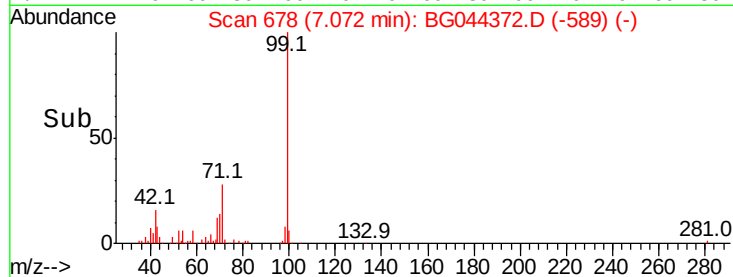
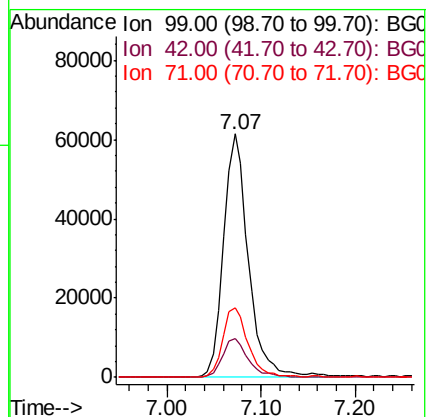
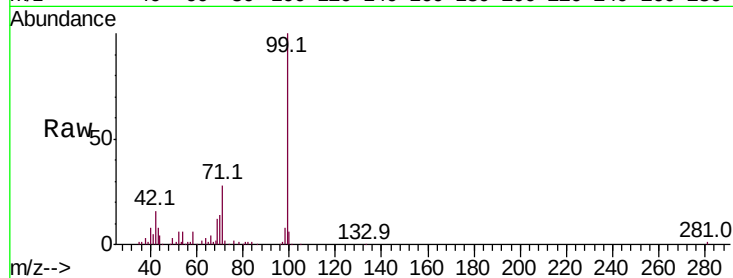
Tot Ion: 99 Resp: 113501

Ion Ratio Lower Upper

99 100

42 16.2 13.8 20.6

71 28.5 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.70 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BG044372.D

Acq: 11 Feb 2020 3:12

Tgt Ion: 136 Resp: 267246

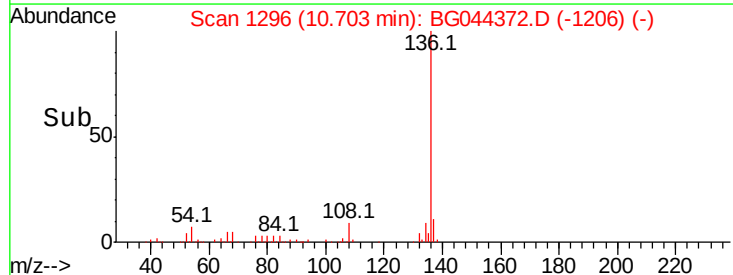
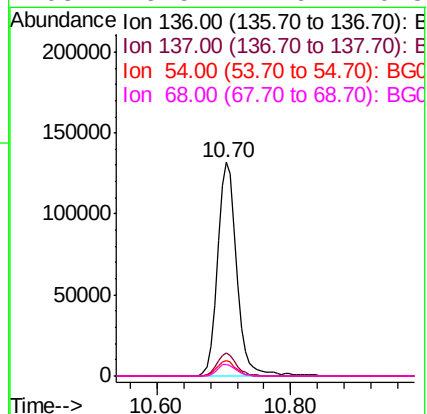
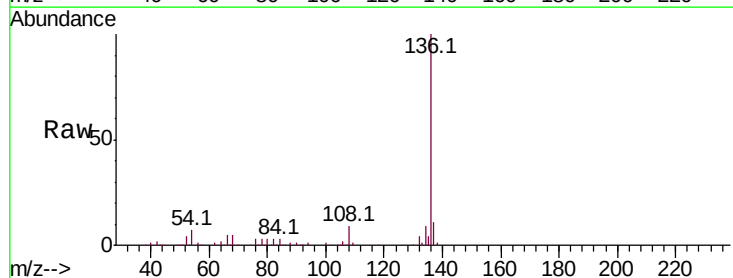
Ion Ratio Lower Upper

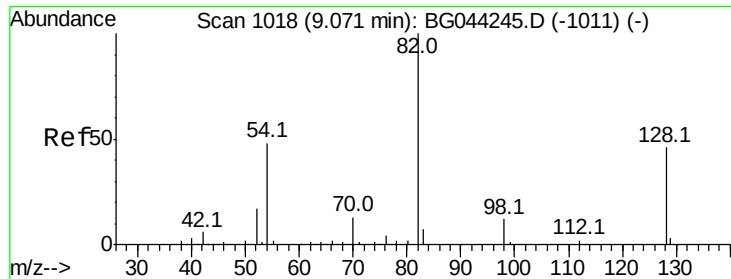
136 100

137 11.0 8.8 13.2

54 7.3 5.8 8.8

68 5.5 4.6 6.8

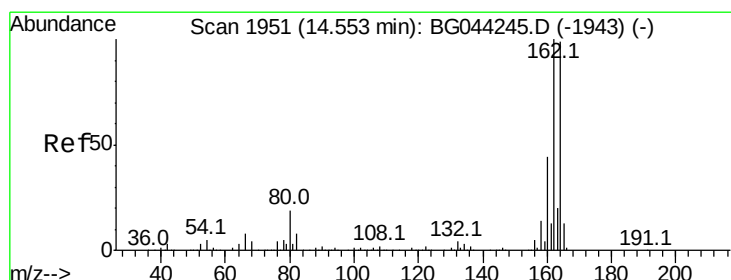
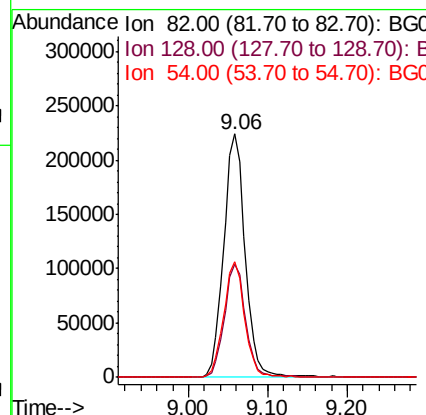
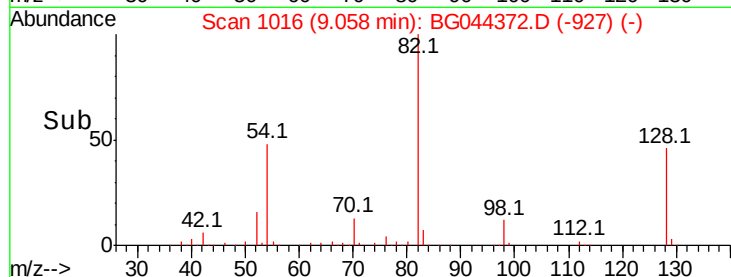
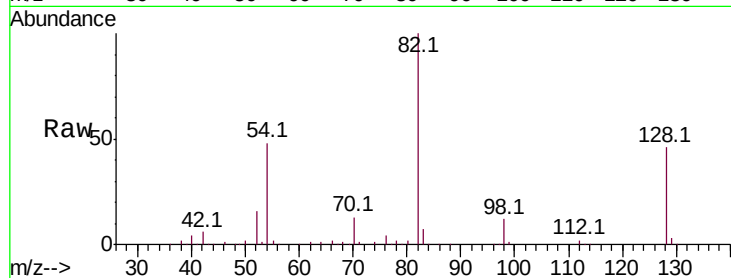




#23
 Nitrobenzene-d5
 Concen: 88.974 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG044372.D
 Acq: 11 Feb 2020 3:12

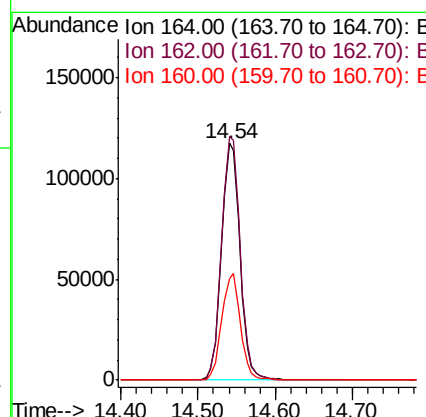
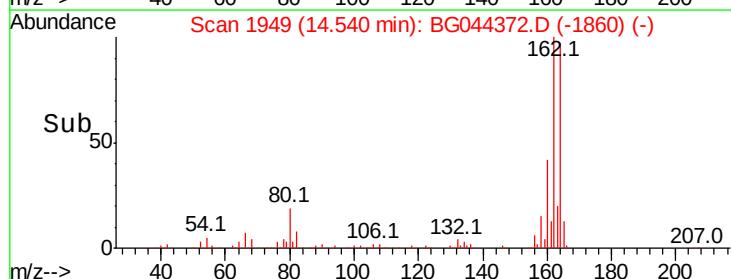
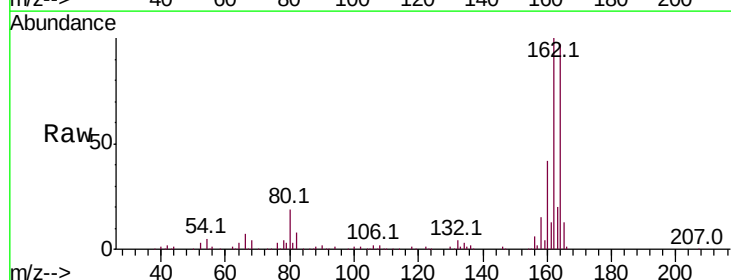
Instrument :
 BNA_G
 ClientSampleId :
 PB126703BL

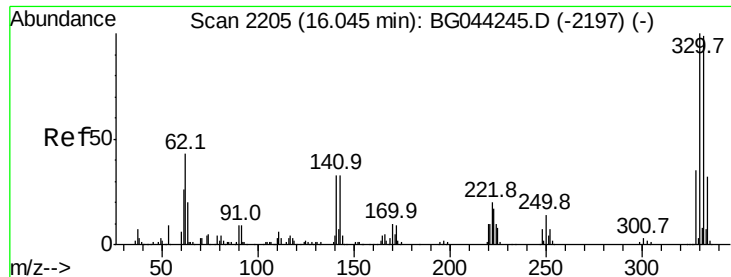
Tot Ion: 82 Resp: 421172
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.5 54.7
 54 47.6 38.6 58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BG044372.D
 Acq: 11 Feb 2020 3:12

Tgt Ion:164 Resp: 194480
 Ion Ratio Lower Upper
 164 100
 162 102.9 80.7 121.1
 160 43.0 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 100.949 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044372.D

Acq: 11 Feb 2020 3:12

Instrument :

BNA_G

ClientSampleId :

PB126703BL

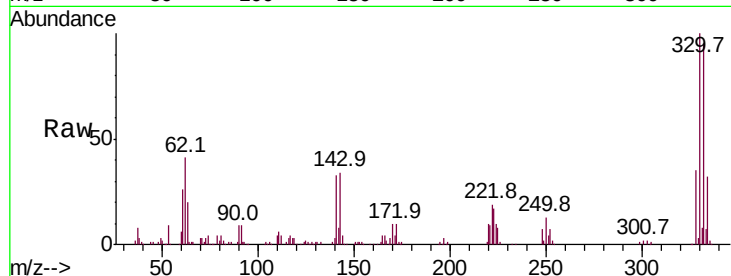
Tot Ion:330 Resp: 230475

Ion Ratio Lower Upper

330 100

332 94.4 77.2 115.8

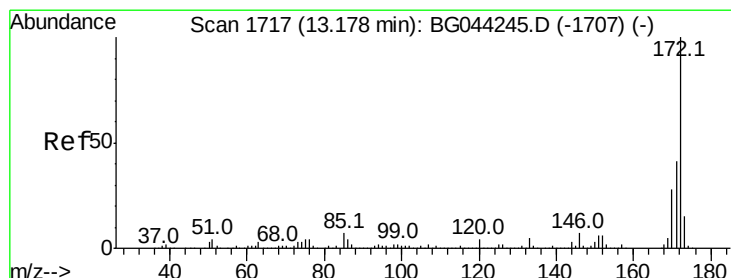
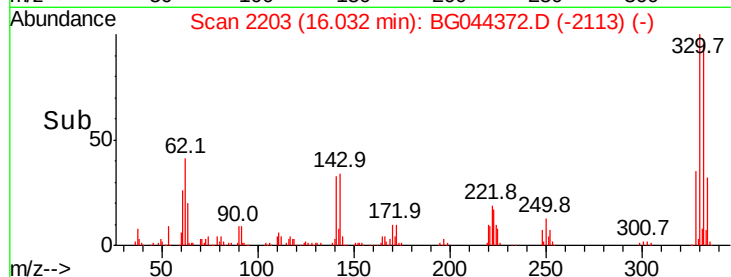
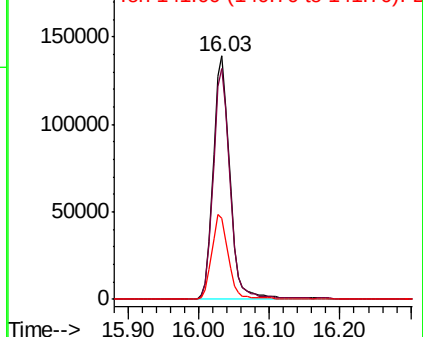
141 34.8 28.3 42.5



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: 91.492 ng

RT: 13.17 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BG044372.D

Acq: 11 Feb 2020 3:12

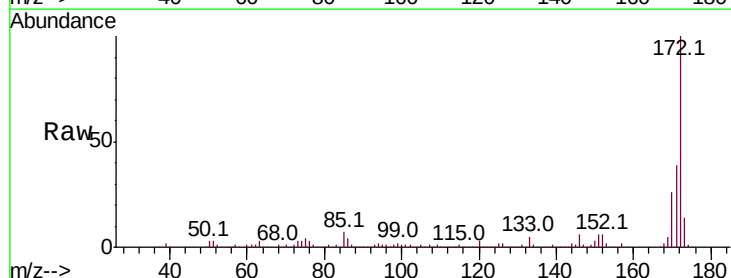
Tgt Ion:172 Resp: 1062574

Ion Ratio Lower Upper

172 100

171 39.1 32.9 49.3

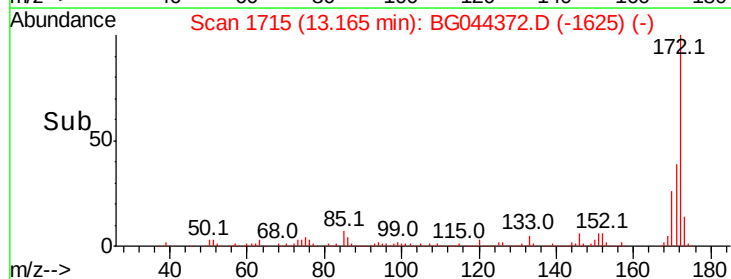
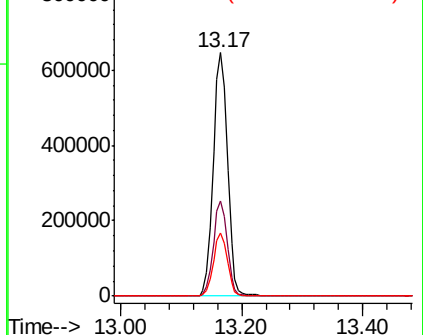
170 26.0 22.0 33.0

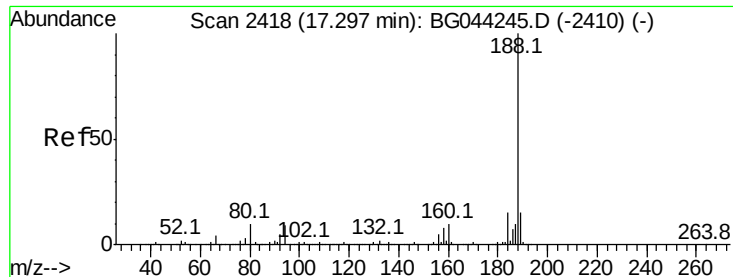


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

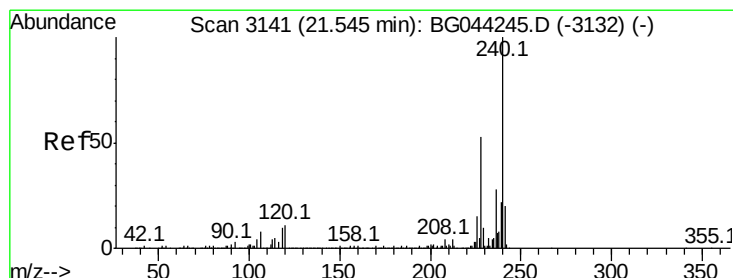
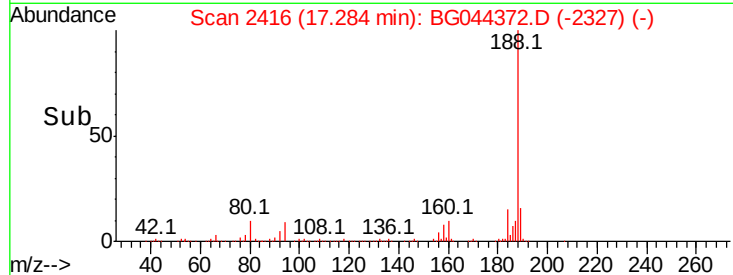
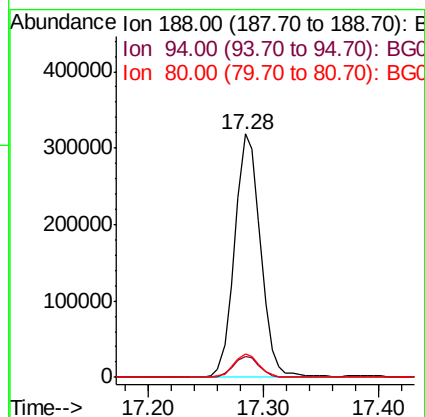
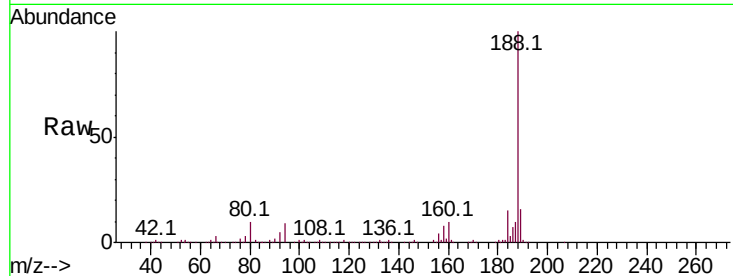




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG044372.D
Acq: 11 Feb 2020 3:12

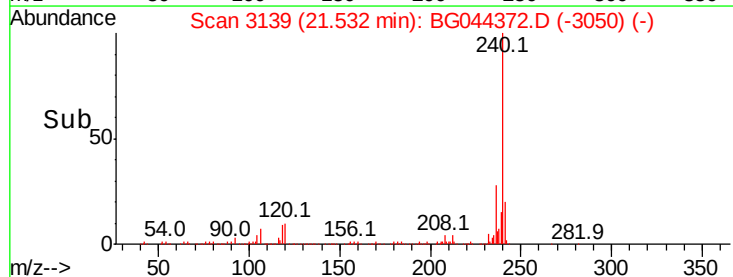
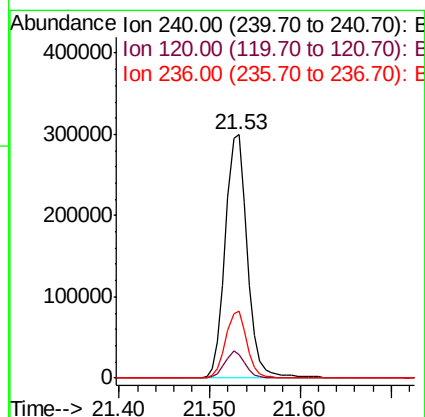
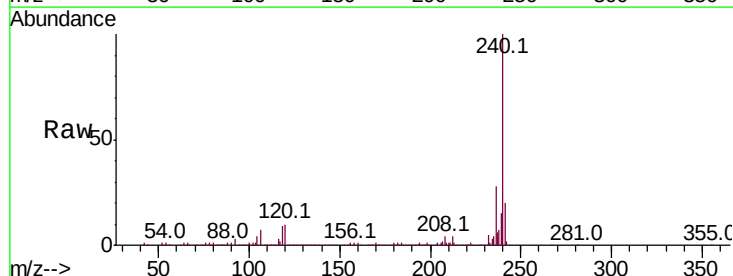
Instrument :
BNA_G
ClientSampleId :
PB126703BL

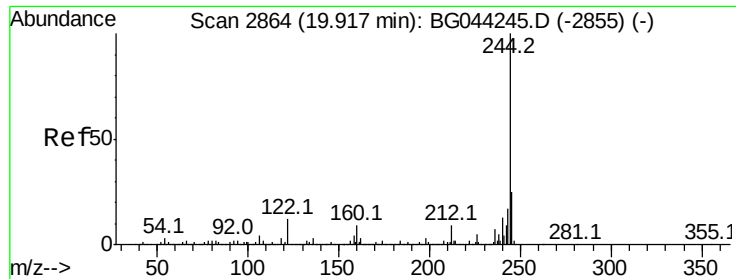
Tot Ion:188 Resp: 495087
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.6 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG044372.D
Acq: 11 Feb 2020 3:12

Tgt Ion:240 Resp: 508402
Ion Ratio Lower Upper
240 100
120 9.9 8.4 12.6
236 27.7 22.1 33.1





#79

Terphenyl-d14

Concen: 79.472 ng

RT: 19.90 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG044372.D

Acq: 11 Feb 2020 3:12

Instrument :

BNA_G

ClientSampleId :

PB126703BL

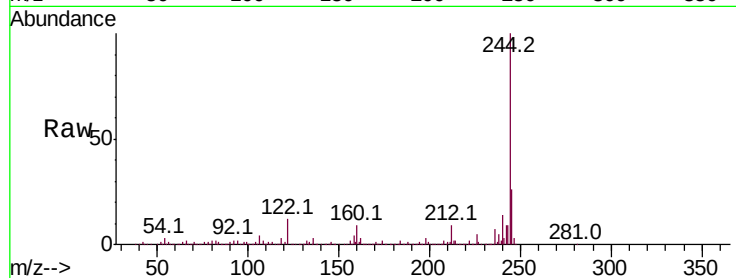
Tot Ion:244 Resp: 1964340

Ion Ratio Lower Upper

244 100

212 9.3 7.4 11.2

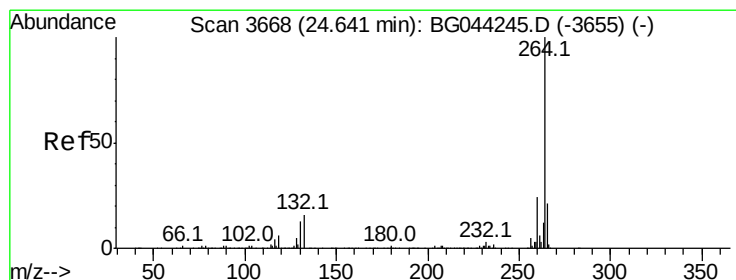
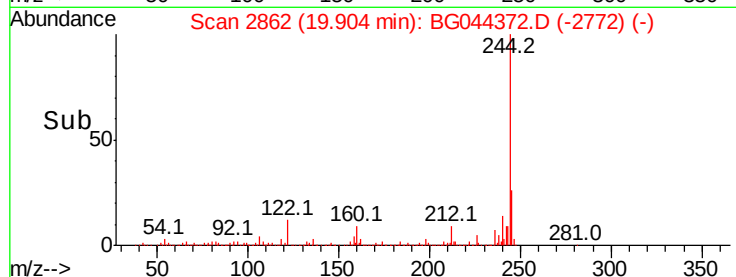
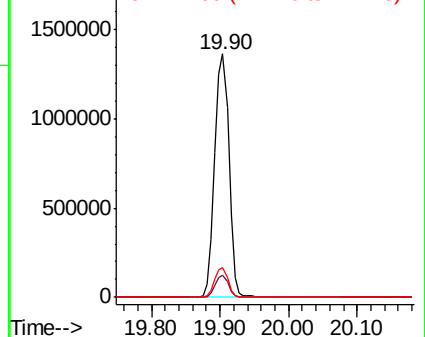
122 12.3 9.8 14.6



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: 24.61 min Scan# 3663

Delta R.T. -0.01 min

Lab File: BG044372.D

Acq: 11 Feb 2020 3:12

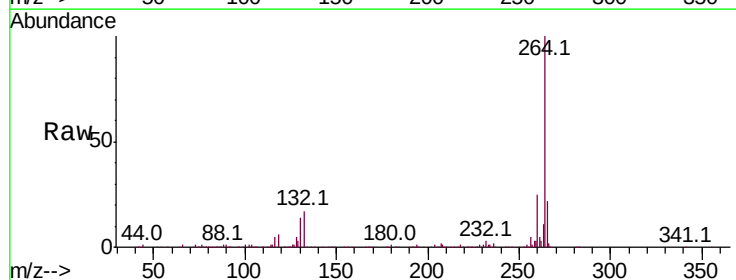
Tgt Ion:264 Resp: 530412

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

265 21.8 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

