

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044558.D
 Acq On : 21 Feb 2020 20:53
 Operator : CG/JU
 Sample : PB126945BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126945BL

Quant Time: Feb 22 06:26:53 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	59643	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	238635	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	158859	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	383202	20.00	ng	0.00
76) Chrysene-d12	21.51	240	384093	20.00	ng	0.00
87) Perylene-d12	24.58	264	430145	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	220088	65.12	ng	0.00
7) Phenol-d6	7.05	99	167412	36.89	ng	0.00
23) Nitrobenzene-d5	9.03	82	408515	96.65	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	306292	164.24	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	982560	103.57	ng	0.00
79) Terphenyl-d14	19.89	244	1812572	97.07	ng	0.00

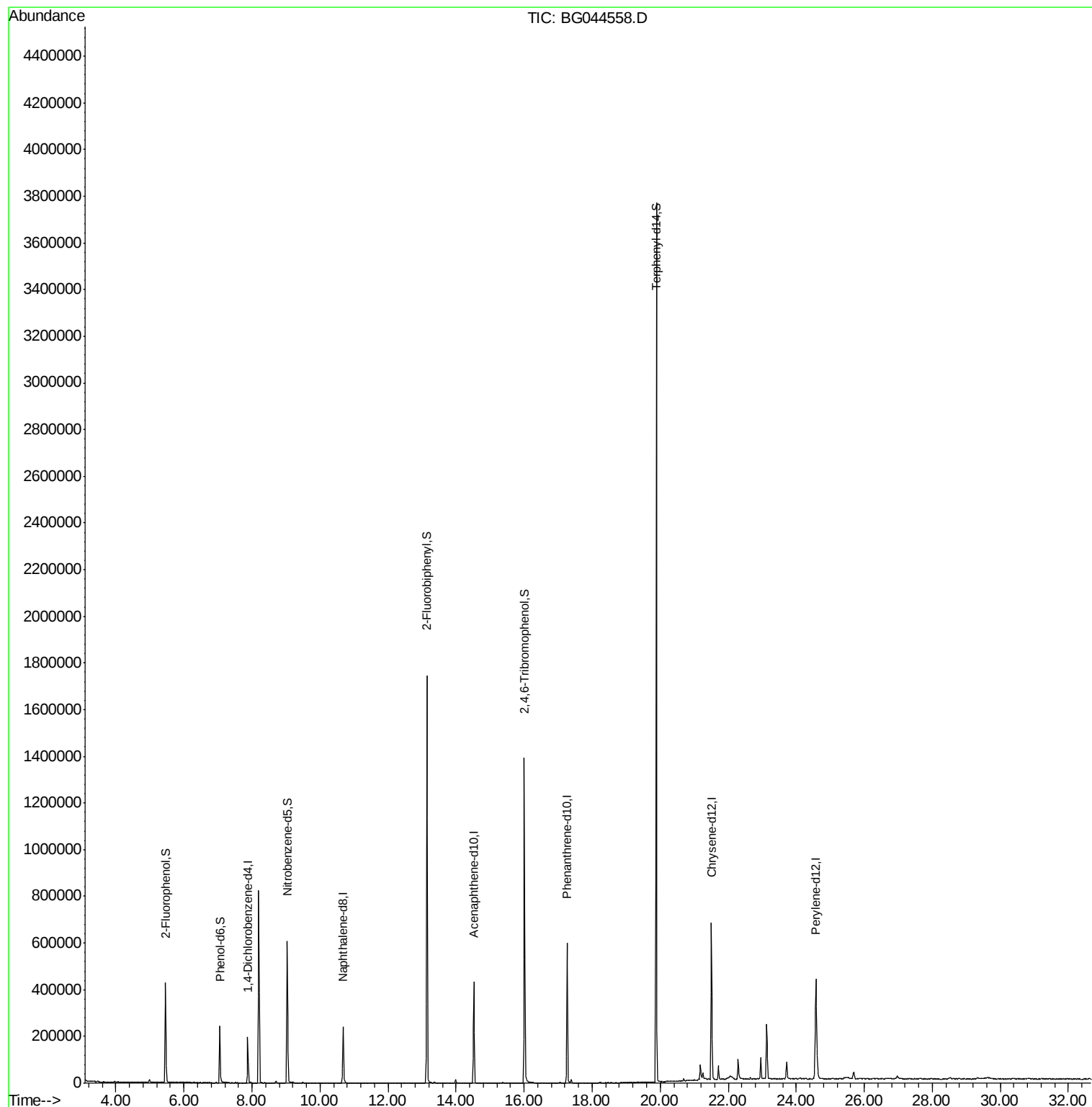
Target Compounds Qvalue

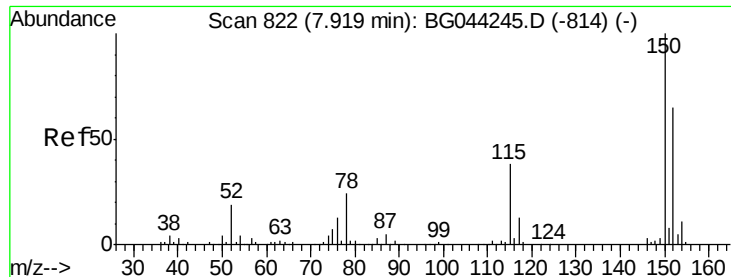
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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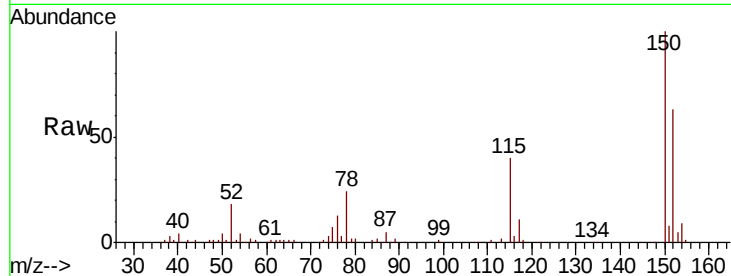


#1

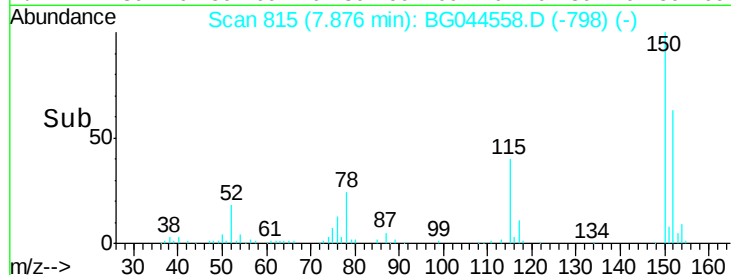
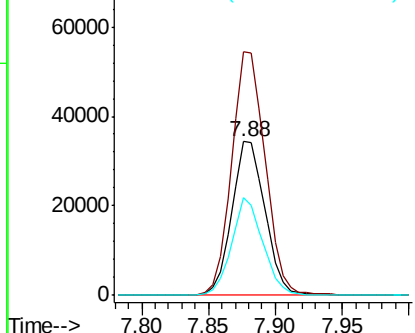
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BG044558.D
Acq: 21 Feb 2020 20:53

Instrument :
BNA_G
ClientSampleId :
PB126945BL

Tot Ion:152 Resp: 59643
Ion Ratio Lower Upper
152 100
150 158.3 123.1 184.7
115 63.5 45.1 67.7



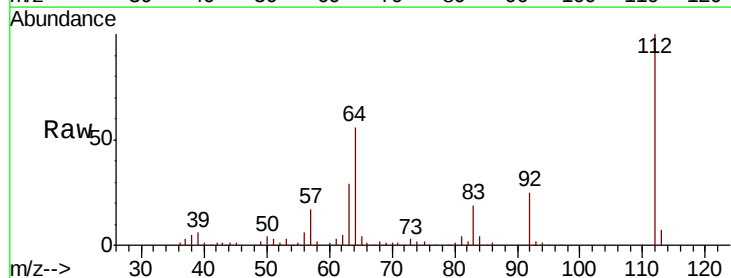
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



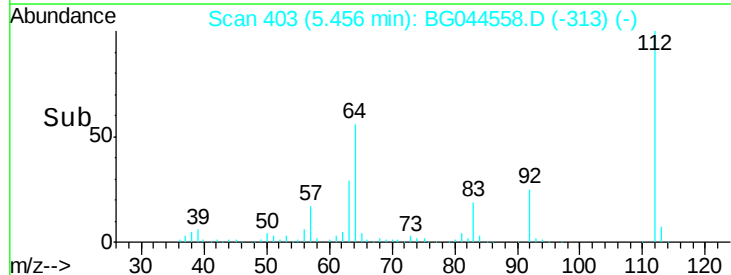
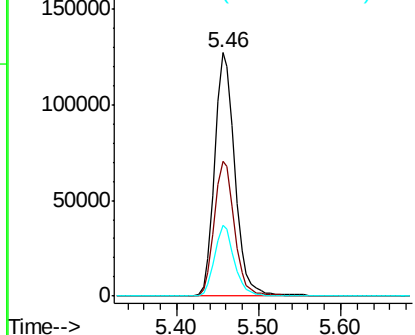
#5

2-Fluorophenol
Concen: 65.124 ng
RT: 5.46 min Scan# 403
Delta R.T. -0.00 min
Lab File: BG044558.D
Acq: 21 Feb 2020 20:53

Tgt Ion:112 Resp: 220088
Ion Ratio Lower Upper
112 100
64 55.6 44.5 66.7
63 28.9 22.2 33.2



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





#7

Phenol-d6

Concen: 36.890 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG044558.D

Acq: 21 Feb 2020 20:53

Instrument :

BNA_G

ClientSampleId :

PB126945BL

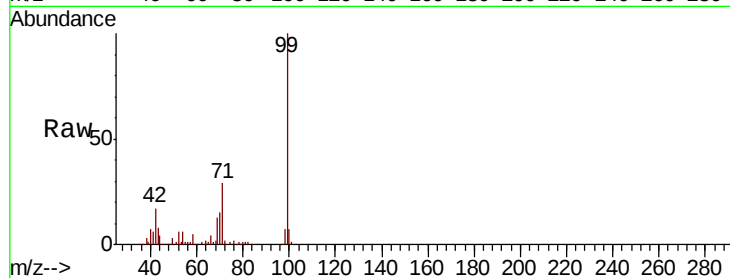
Tot Ion: 99 Resp: 167412

Ion Ratio Lower Upper

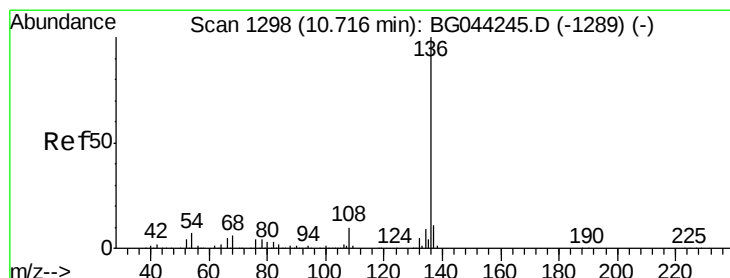
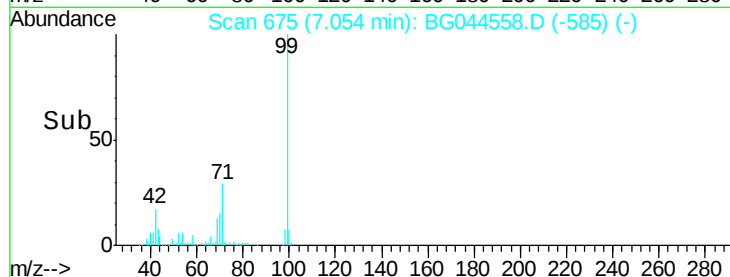
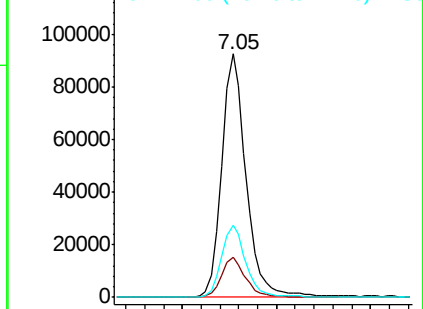
99 100

42 16.7 13.4 20.0

71 29.4 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: BG044558.D

Acq: 21 Feb 2020 20:53

Tgt Ion: 136 Resp: 238635

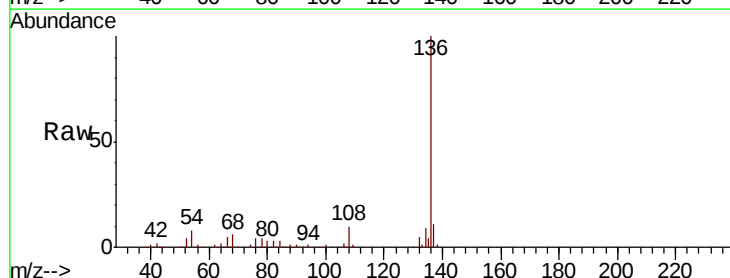
Ion Ratio Lower Upper

136 100

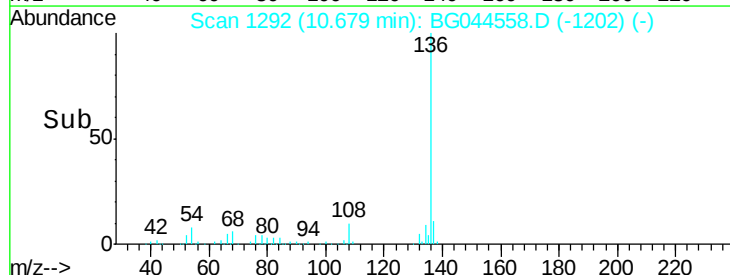
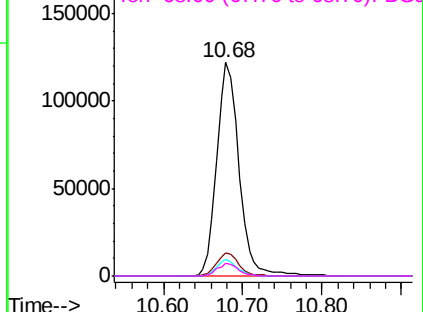
137 10.8 9.0 13.6

54 7.8 5.5 8.3

68 5.8 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

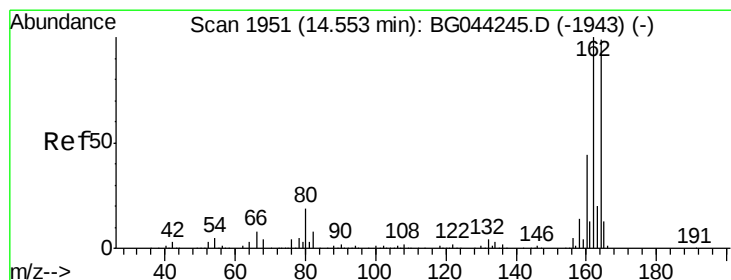
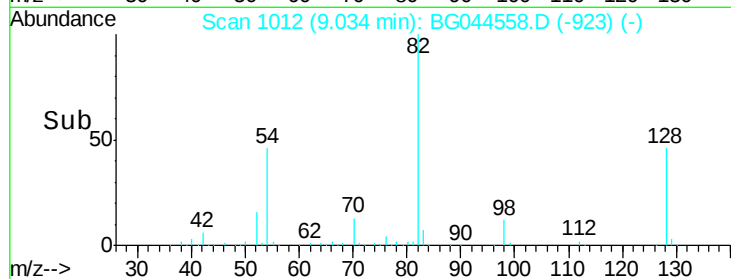
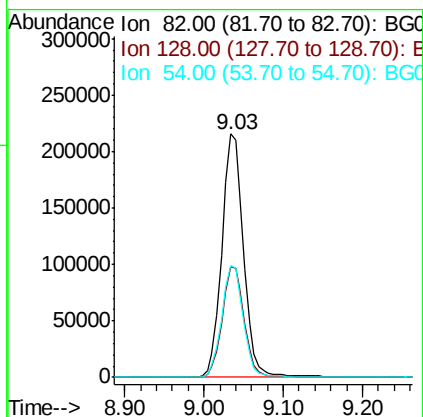
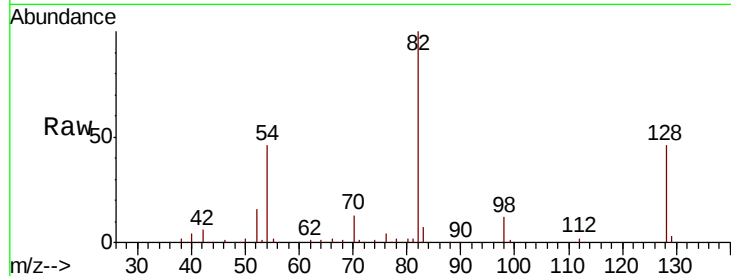




#23
Nitrobenzene-d5
Concen: 96.647 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG044558.D
Acq: 21 Feb 2020 20:53

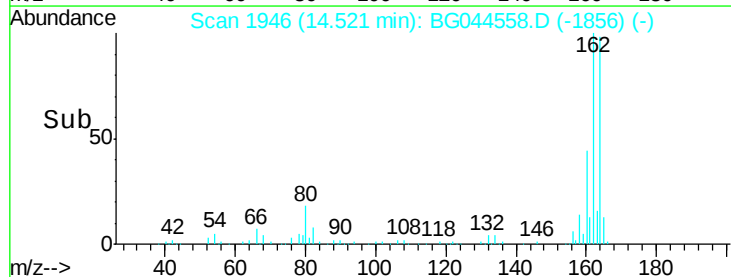
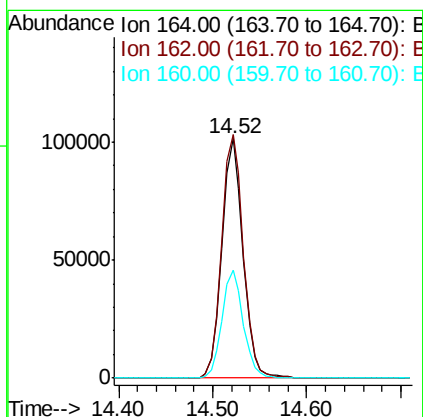
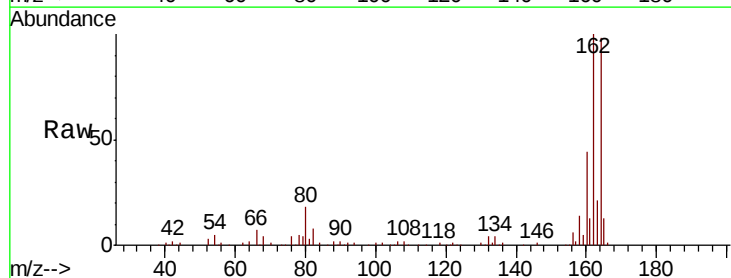
Instrument :
BNA_G
ClientSampleId :
PB126945BL

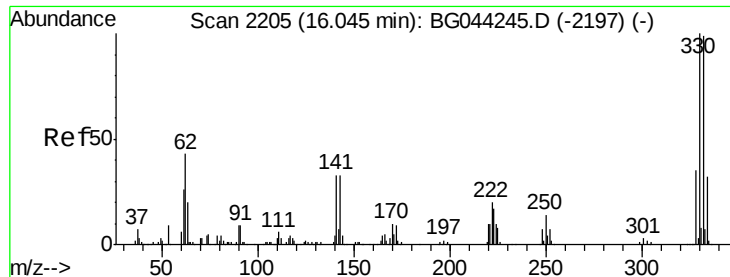
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	39.1	58.7
54	46.2	37.9	56.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG044558.D
Acq: 21 Feb 2020 20:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.9	122.9
160	45.0	35.5	53.3

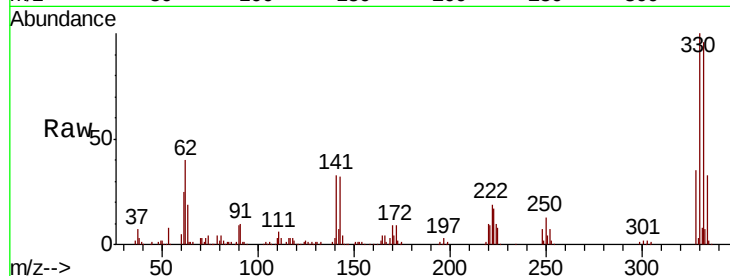




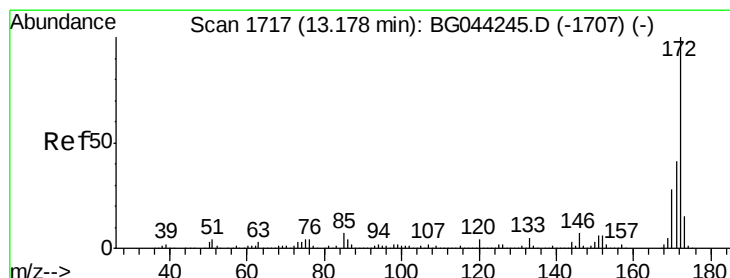
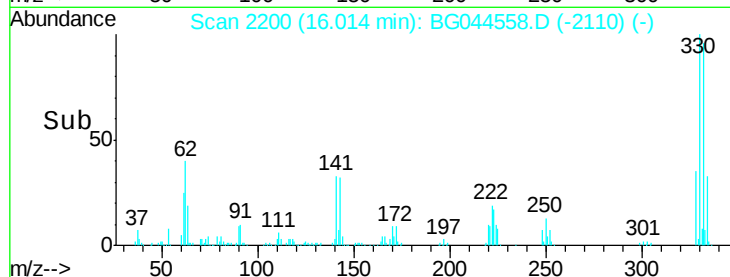
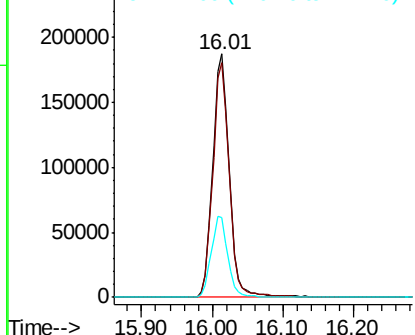
#42
 2,4,6-Tribromophenol
 Concen: 164.239 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG044558.D
 Acq: 21 Feb 2020 20:53

Instrument :
 BNA_G
 ClientSampleId :
 PB126945BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	34.0	26.5	39.7

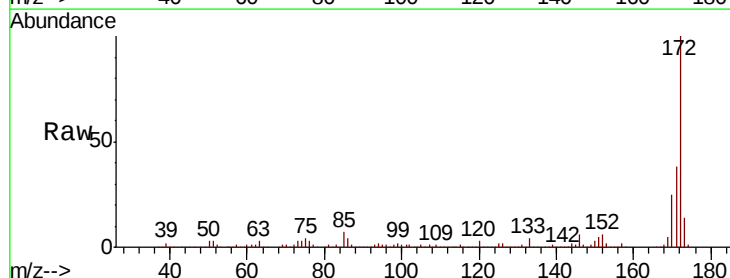


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

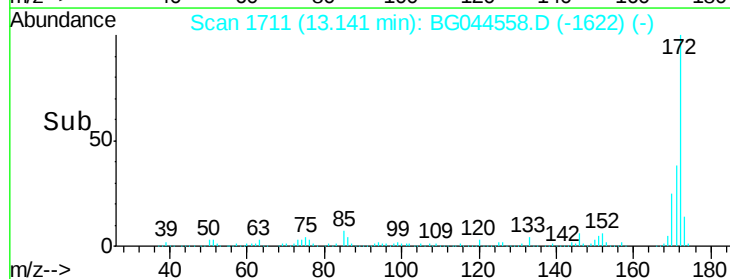
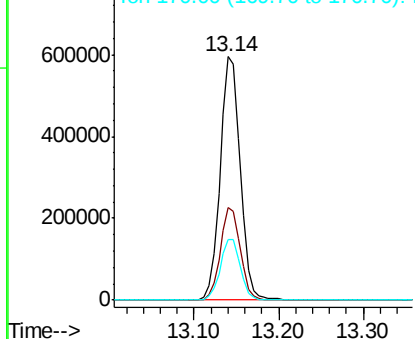


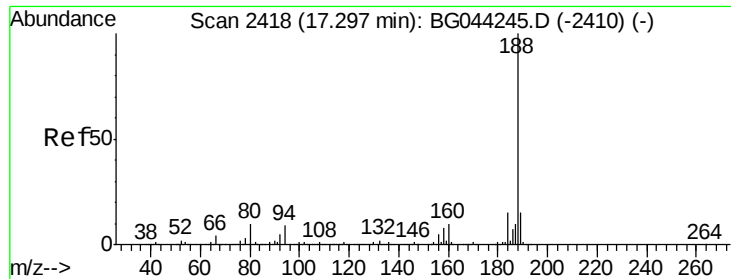
#45
 2-Fluorobiphenyl
 Concen: 103.573 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG044558.D
 Acq: 21 Feb 2020 20:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	32.3	48.5
170	25.1	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

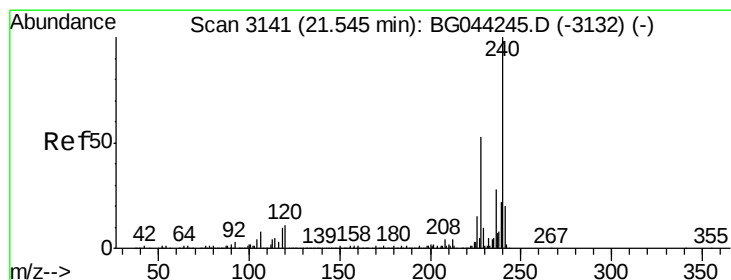
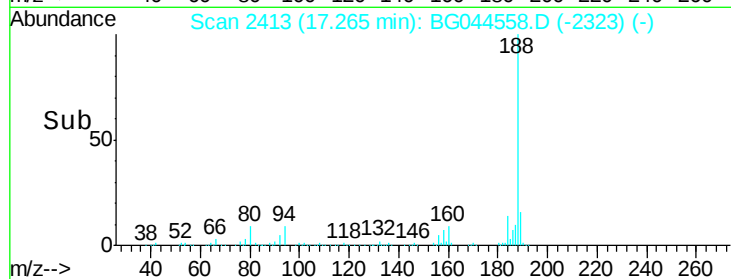
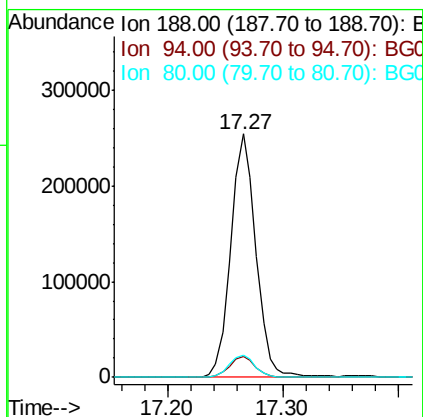
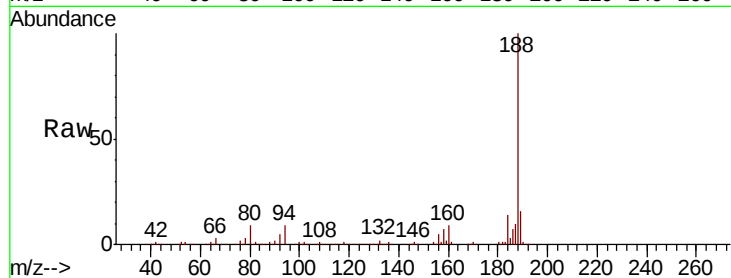




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG044558.D
Acq: 21 Feb 2020 20:53

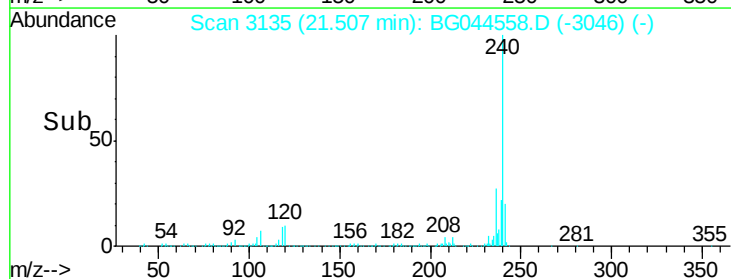
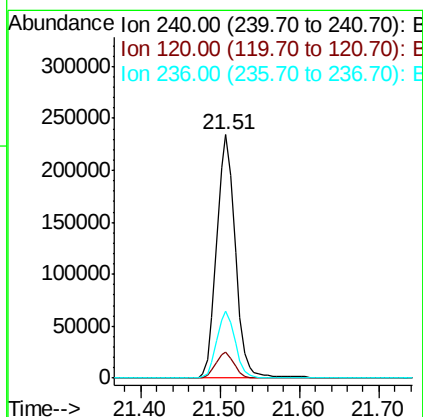
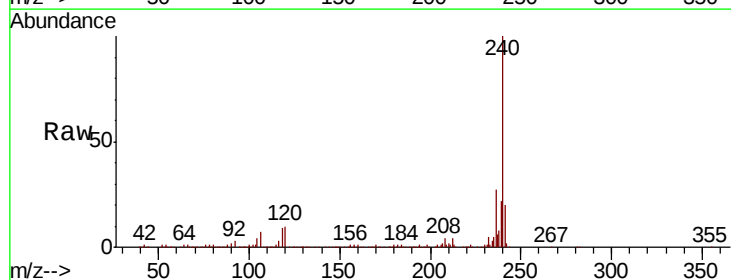
Instrument :
BNA_G
ClientSampleId :
PB126945BL

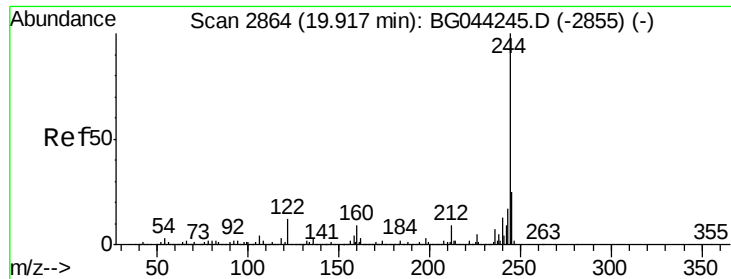
Tot Ion:188 Resp: 383202
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.0
80 9.0 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BG044558.D
Acq: 21 Feb 2020 20:53

Tgt Ion:240 Resp: 384093
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.2
236 27.5 22.0 33.0





#79

Terphenyl-d14

Concen: 97.066 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG044558.D

Acq: 21 Feb 2020 20:53

Instrument :

BNA_G

ClientSampleId :

PB126945BL

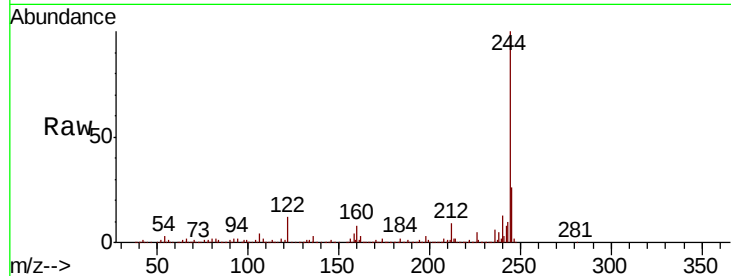
Tot Ion:244 Resp: 1812572

Ion Ratio Lower Upper

244 100

212 9.0 7.6 11.4

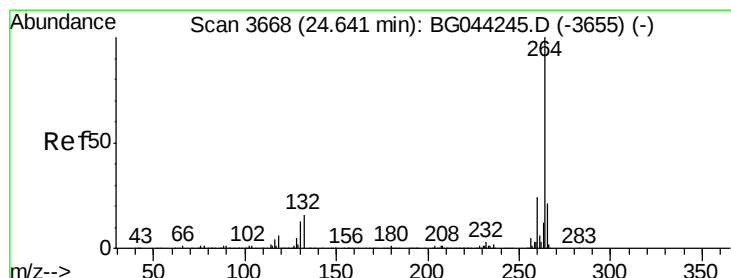
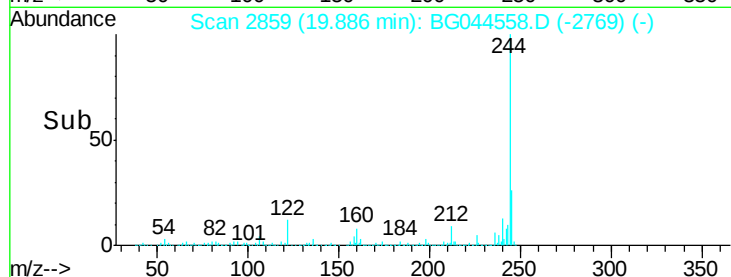
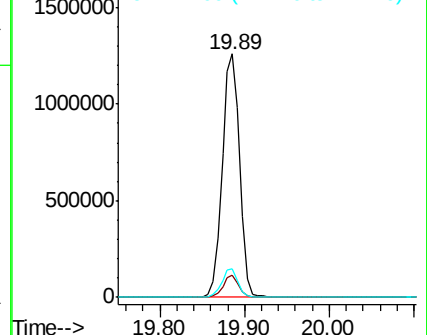
122 11.8 9.8 14.8



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# 3658

Delta R.T. -0.00 min

Lab File: BG044558.D

Acq: 21 Feb 2020 20:53

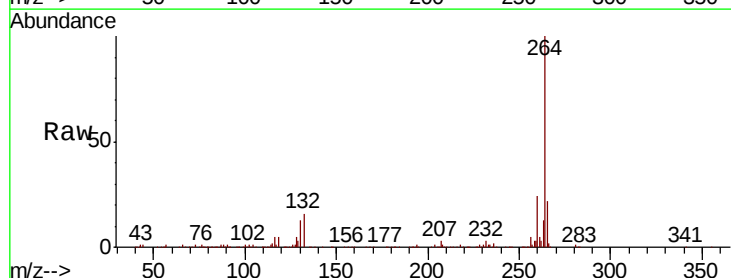
Tgt Ion:264 Resp: 430145

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.8

265 22.2 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

