

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031920\
 Data File : BG044903.D
 Acq On : 19 Mar 2020 18:56
 Operator : CG/JU
 Sample : PB127682TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127682TB

Quant Time: Mar 20 01:56:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	76082	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	290237	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	194824	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	447482	20.00	ng	0.00
76) Chrysene-d12	21.69	240	475293	20.00	ng	-0.01
87) Perylene-d12	24.89	264	535016	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	564255	115.45	ng	0.00
7) Phenol-d6	7.20	99	772240	108.75	ng	0.00
23) Nitrobenzene-d5	9.19	82	499693	75.55	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	318787	124.97	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1073434	78.90	ng	0.00
79) Terphenyl-d14	20.03	244	1940833	76.38	ng	0.00

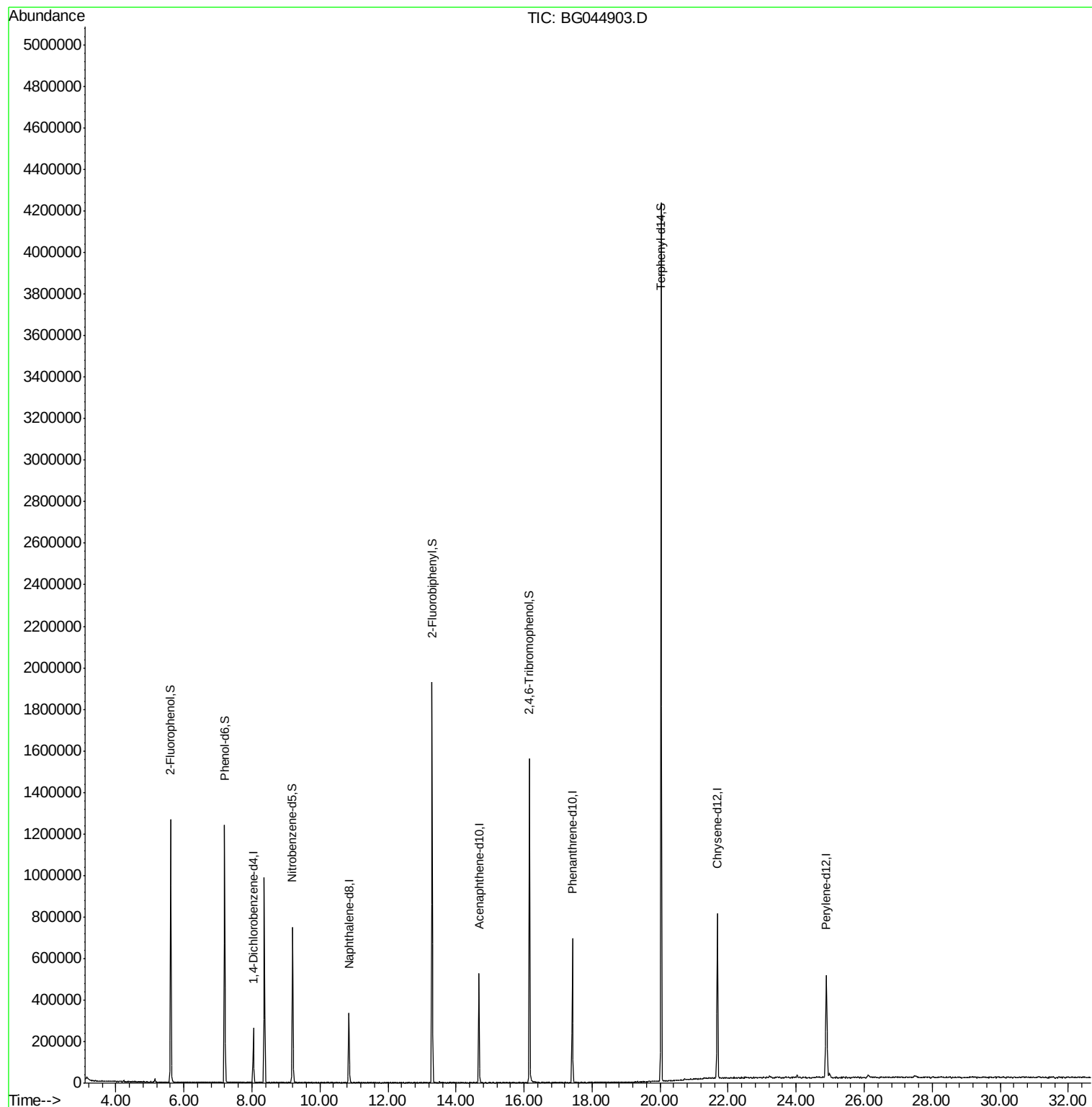
Target Compounds Qvalue

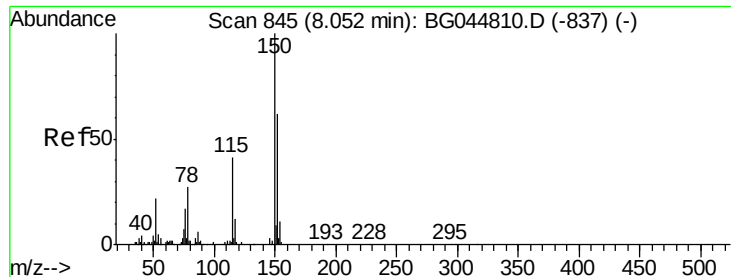
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031920\
Data File : BG044903.D
Acq On : 19 Mar 2020 18:56
Operator : CG/JU
Sample : PB127682TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127682TB

Quant Time: Mar 20 01:56:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration



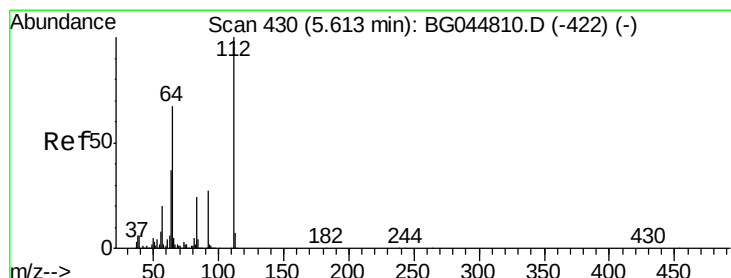
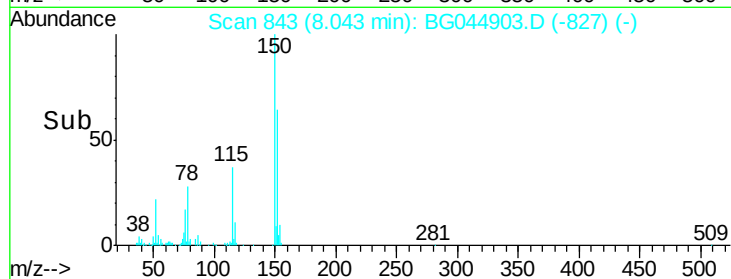
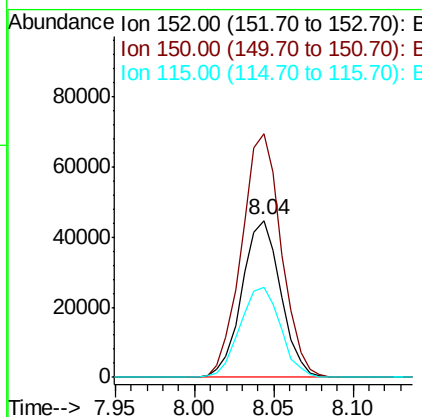
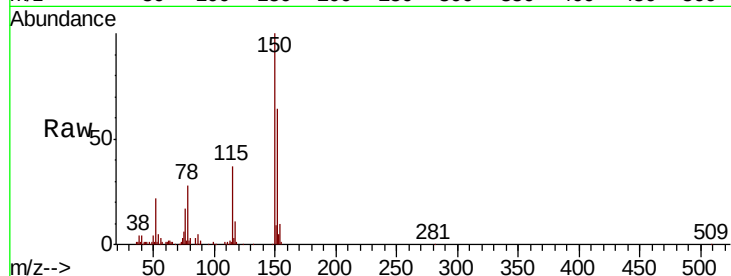


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG044903.D
 Acq: 19 Mar 2020 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB127682TB

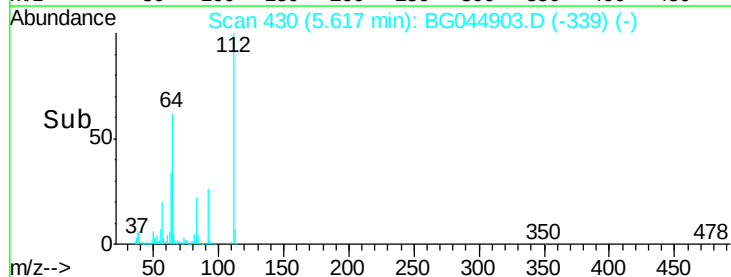
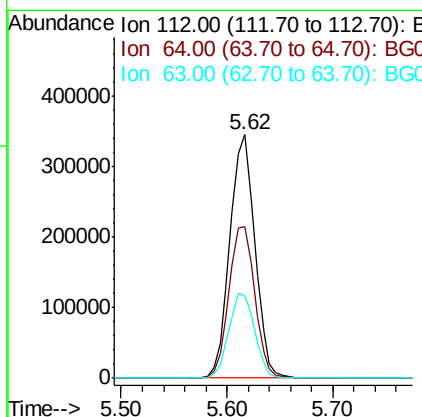
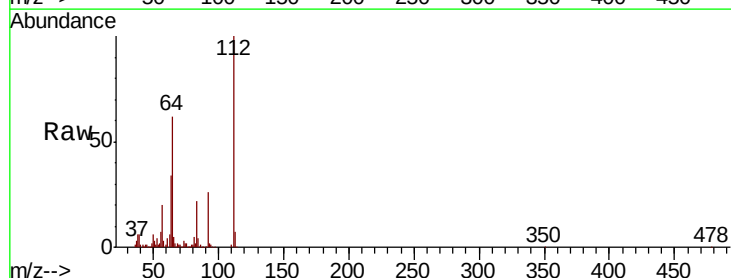
Tot Ion:152 Resp: 76082
 Ion Ratio Lower Upper
 152 100
 150 155.4 128.8 193.2
 115 57.7 52.6 79.0

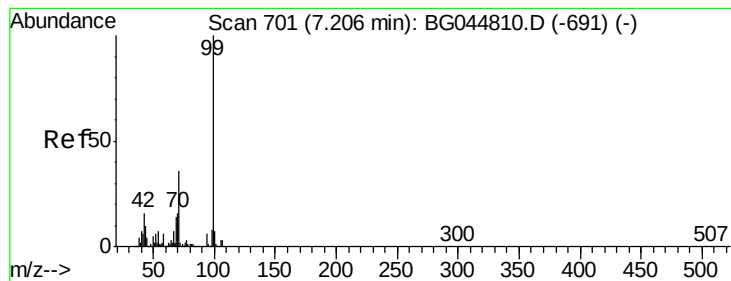


#5

2-Fluorophenol
 Concen: 115.451 ng
 RT: 5.62 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BG044903.D
 Acq: 19 Mar 2020 18:56

Tgt Ion:112 Resp: 564255
 Ion Ratio Lower Upper
 112 100
 64 62.4 53.4 80.2
 63 33.7 29.4 44.2





#7

Phenol-d6

Concen: 108.750 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG044903.D

Acq: 19 Mar 2020 18:56

Instrument :

BNA_G

ClientSampleId :

PB127682TB

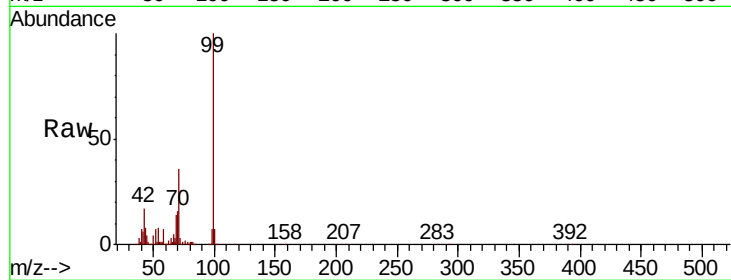
Tot Ion: 99 Resp: 772240

Ion Ratio Lower Upper

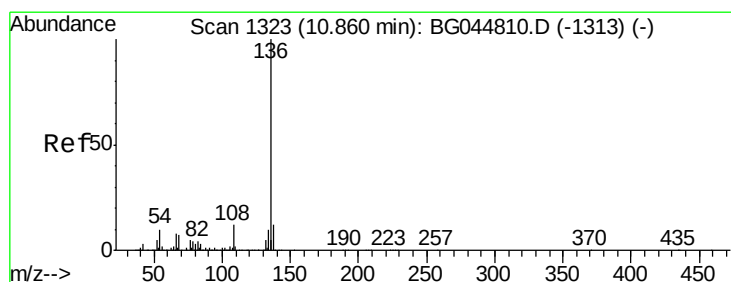
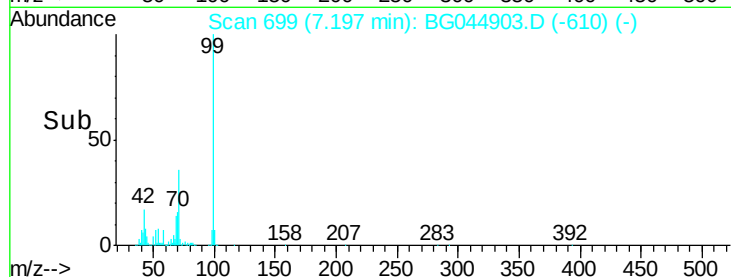
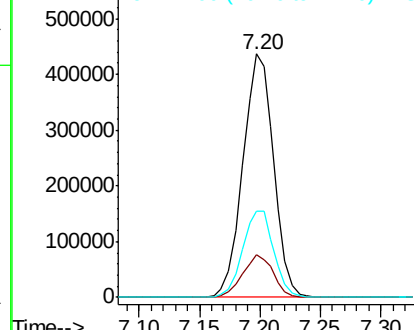
99 100

42 17.4 12.6 19.0

71 35.5 29.0 43.4



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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG044903.D

Acq: 19 Mar 2020 18:56

Tgt Ion: 136 Resp: 290237

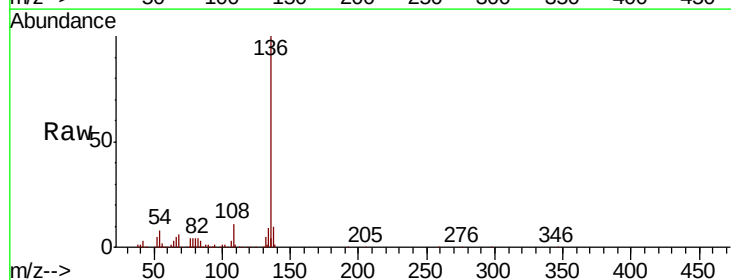
Ion Ratio Lower Upper

136 100

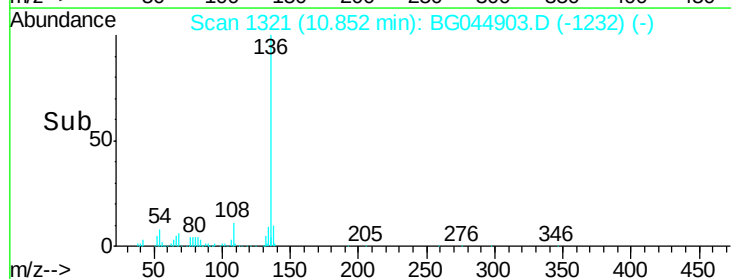
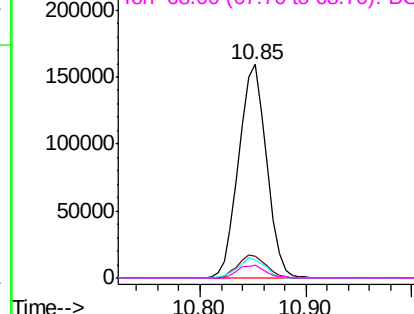
137 10.2 9.8 14.6

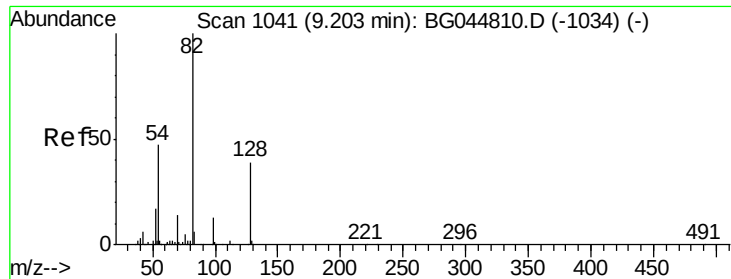
54 8.2 7.9 11.9

68 5.9 5.4 8.0



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

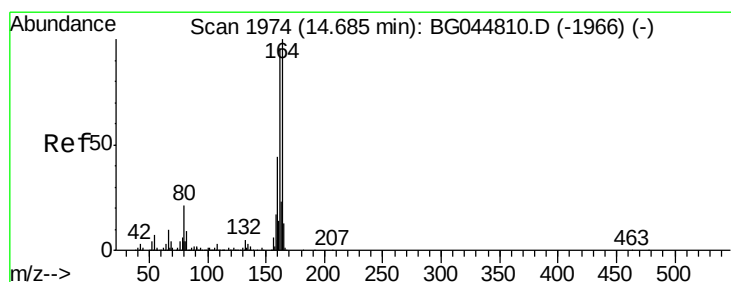
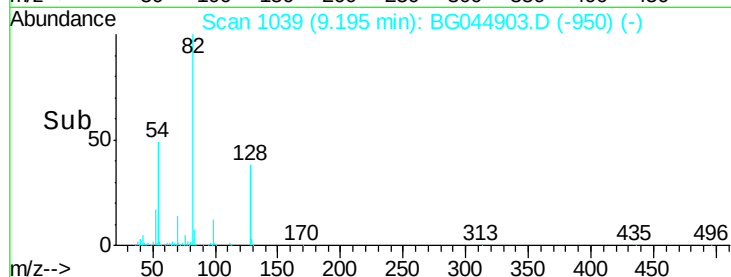
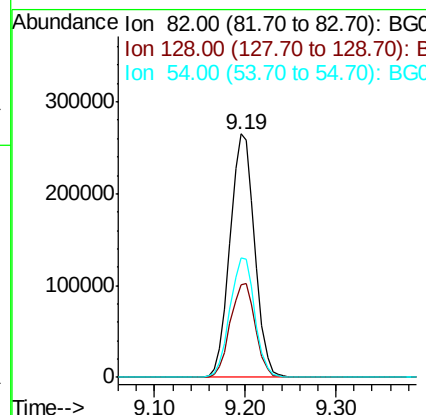
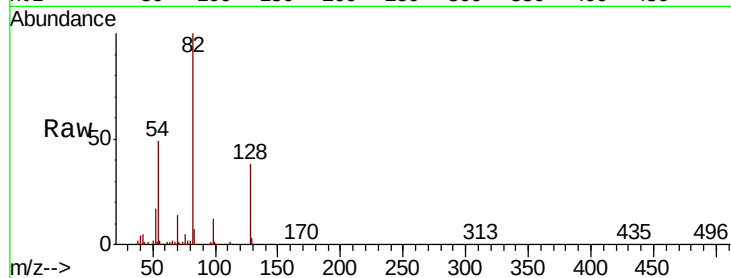




#23
 Nitrobenzene-d5
 Concen: 75.549 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BG044903.D
 Acq: 19 Mar 2020 18:56

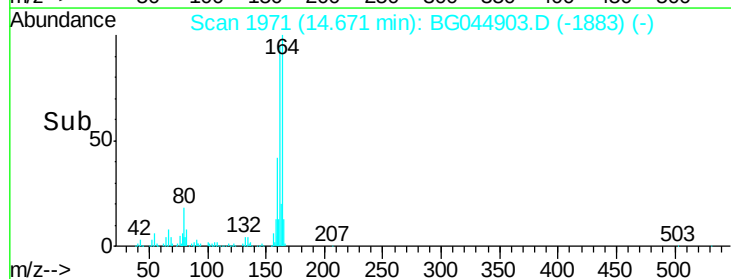
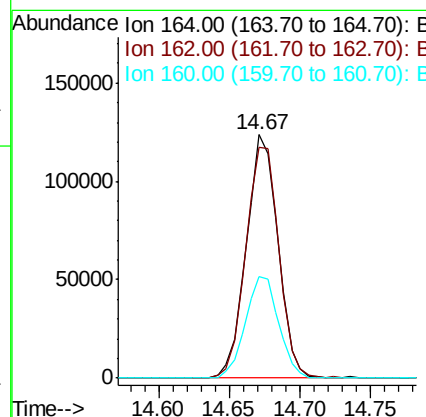
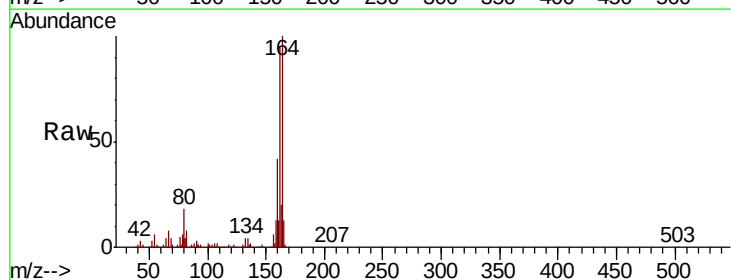
Instrument :
 BNA_G
 ClientSampleId :
 PB127682TB

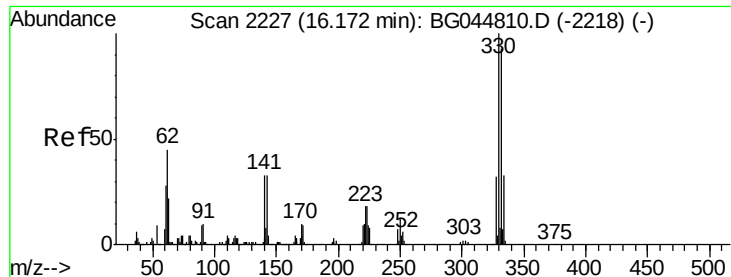
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.0	30.6	46.0
54	49.3	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: BG044903.D
 Acq: 19 Mar 2020 18:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.9	76.7	115.1
160	41.7	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 124.969 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG044903.D

Acq: 19 Mar 2020 18:56

Instrument :

BNA_G

ClientSampleId :

PB127682TB

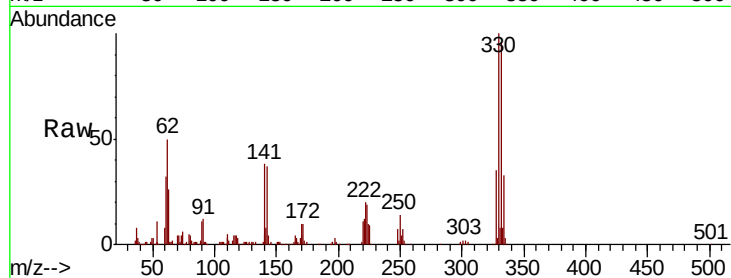
Tot Ion:330 Resp: 318787

Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.6

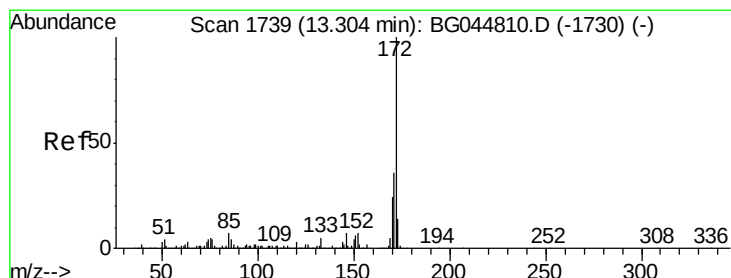
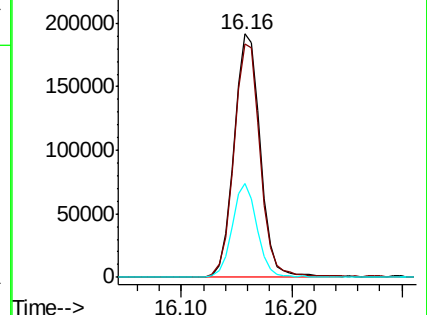
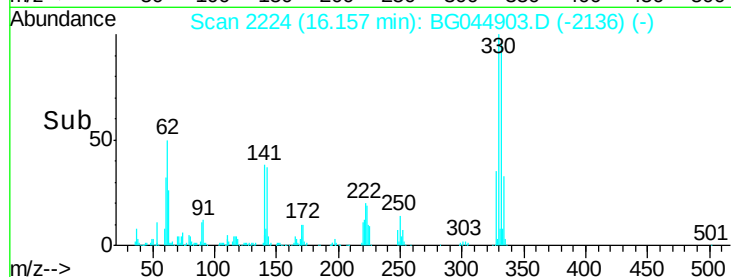
141 36.9 29.5 44.3



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: 78.902 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.00 min

Lab File: BG044903.D

Acq: 19 Mar 2020 18:56

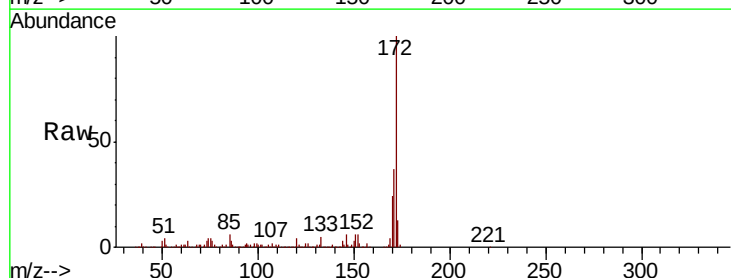
Tgt Ion:172 Resp: 1073434

Ion Ratio Lower Upper

172 100

171 36.7 28.7 43.1

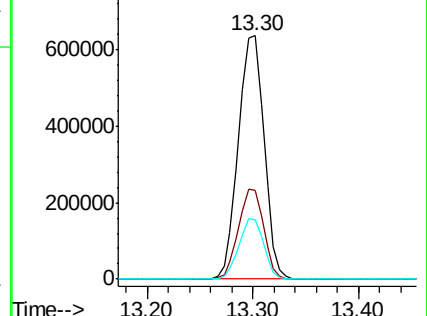
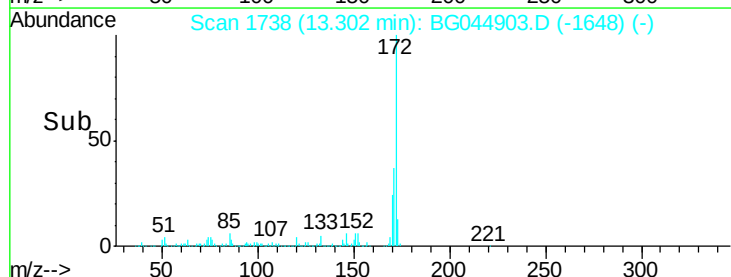
170 24.3 19.0 28.6

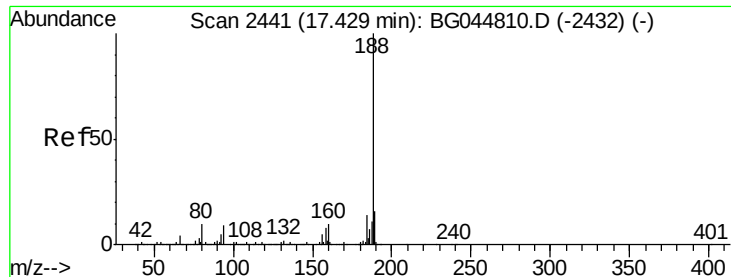


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044903.D

Acq: 19 Mar 2020 18:56

Instrument :

BNA_G

ClientSampleId :

PB127682TB

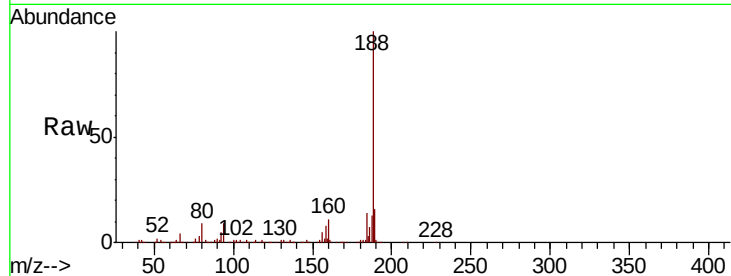
Tot Ion:188 Resp: 447482

Ion Ratio Lower Upper

188 100

94 8.8 7.3 10.9

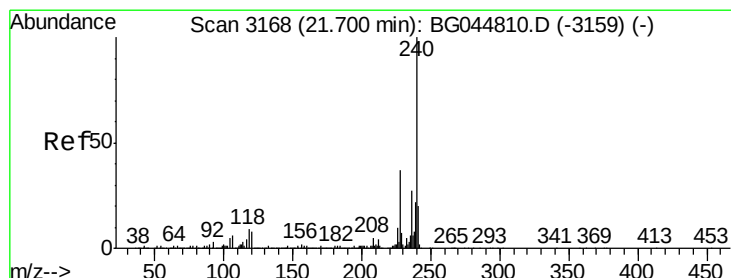
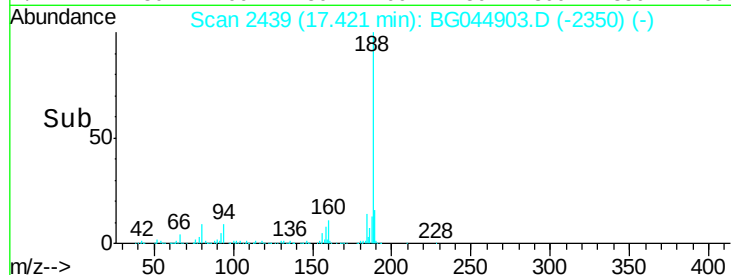
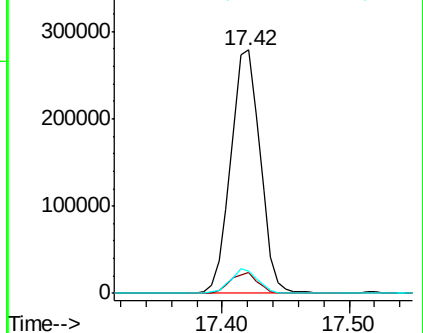
80 9.0 8.0 12.0



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: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG044903.D

Acq: 19 Mar 2020 18:56

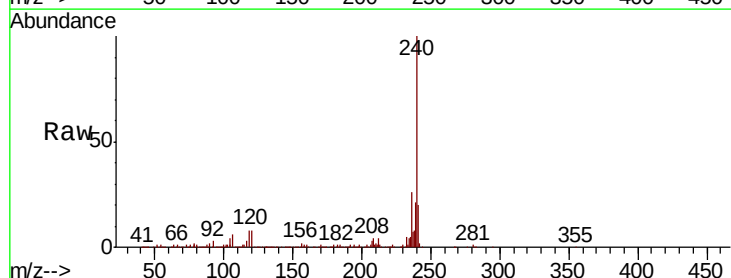
Tgt Ion:240 Resp: 475293

Ion Ratio Lower Upper

240 100

120 8.1 6.7 10.1

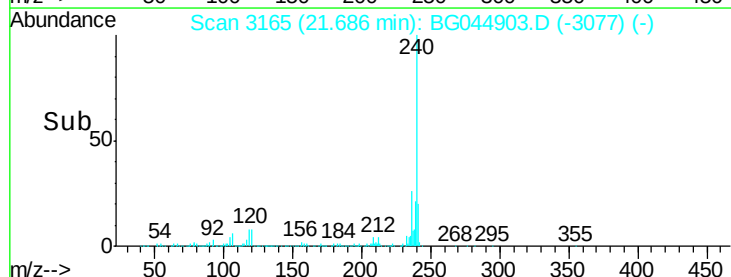
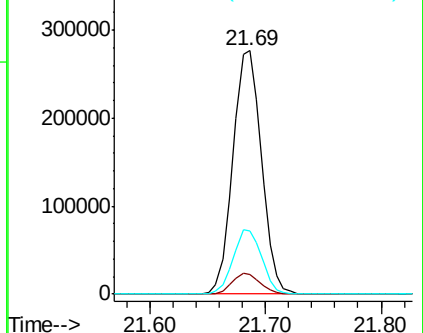
236 25.9 21.5 32.3

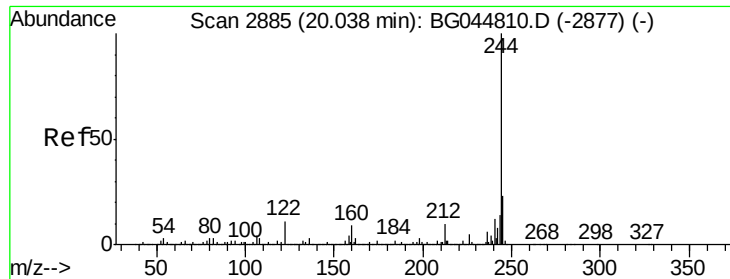


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.383 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG044903.D

Acq: 19 Mar 2020 18:56

Instrument :

BNA_G

ClientSampleId :

PB127682TB

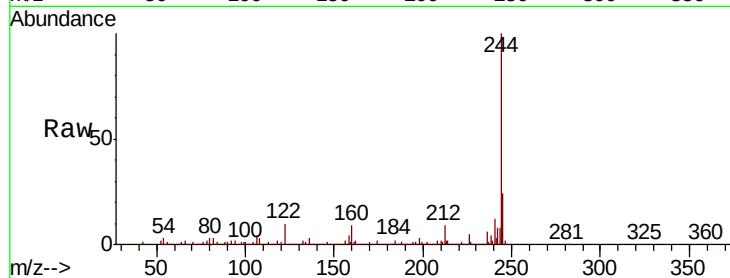
Tot Ion:244 Resp: 1940833

Ion Ratio Lower Upper

244 100

212 9.4 7.7 11.5

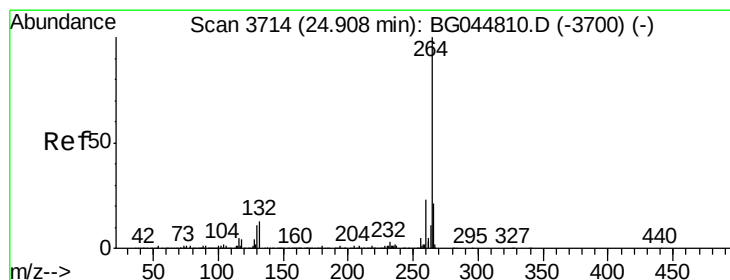
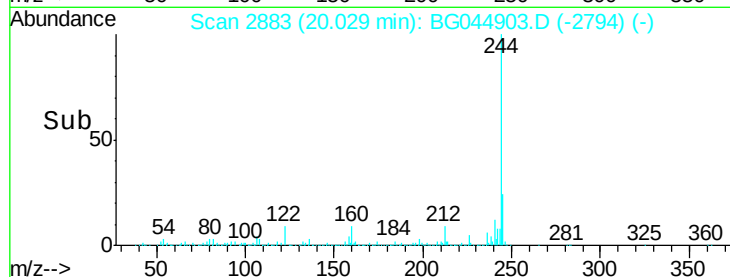
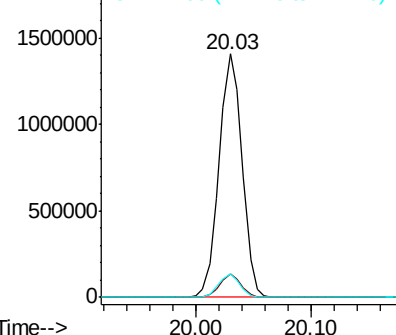
122 9.5 8.6 12.8



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: 24.89 min Scan# 3710

Delta R.T. -0.02 min

Lab File: BG044903.D

Acq: 19 Mar 2020 18:56

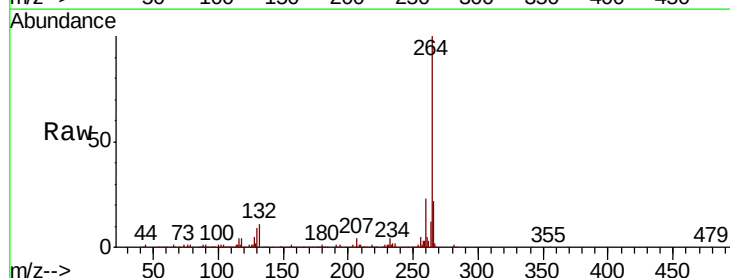
Tgt Ion:264 Resp: 535016

Ion Ratio Lower Upper

264 100

260 23.0 18.1 27.1

265 21.7 17.1 25.7



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

