

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
 Data File : BG044839.D
 Acq On : 17 Mar 2020 19:11
 Operator : CG/JU
 Sample : PB127544BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127544BL

Quant Time: Mar 18 01:47:03 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	83872	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	311901	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	205520	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	514916	20.00	ng	0.00
76) Chrysene-d12	21.69	240	472608	20.00	ng	-0.01
87) Perylene-d12	24.90	264	527949	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	634795	117.82	ng	0.00
7) Phenol-d6	7.20	99	862608	110.19	ng	0.00
23) Nitrobenzene-d5	9.20	82	568665	80.01	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	376322	139.85	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1184591	82.54	ng	0.00
79) Terphenyl-d14	20.04	244	2071795	82.00	ng	0.00

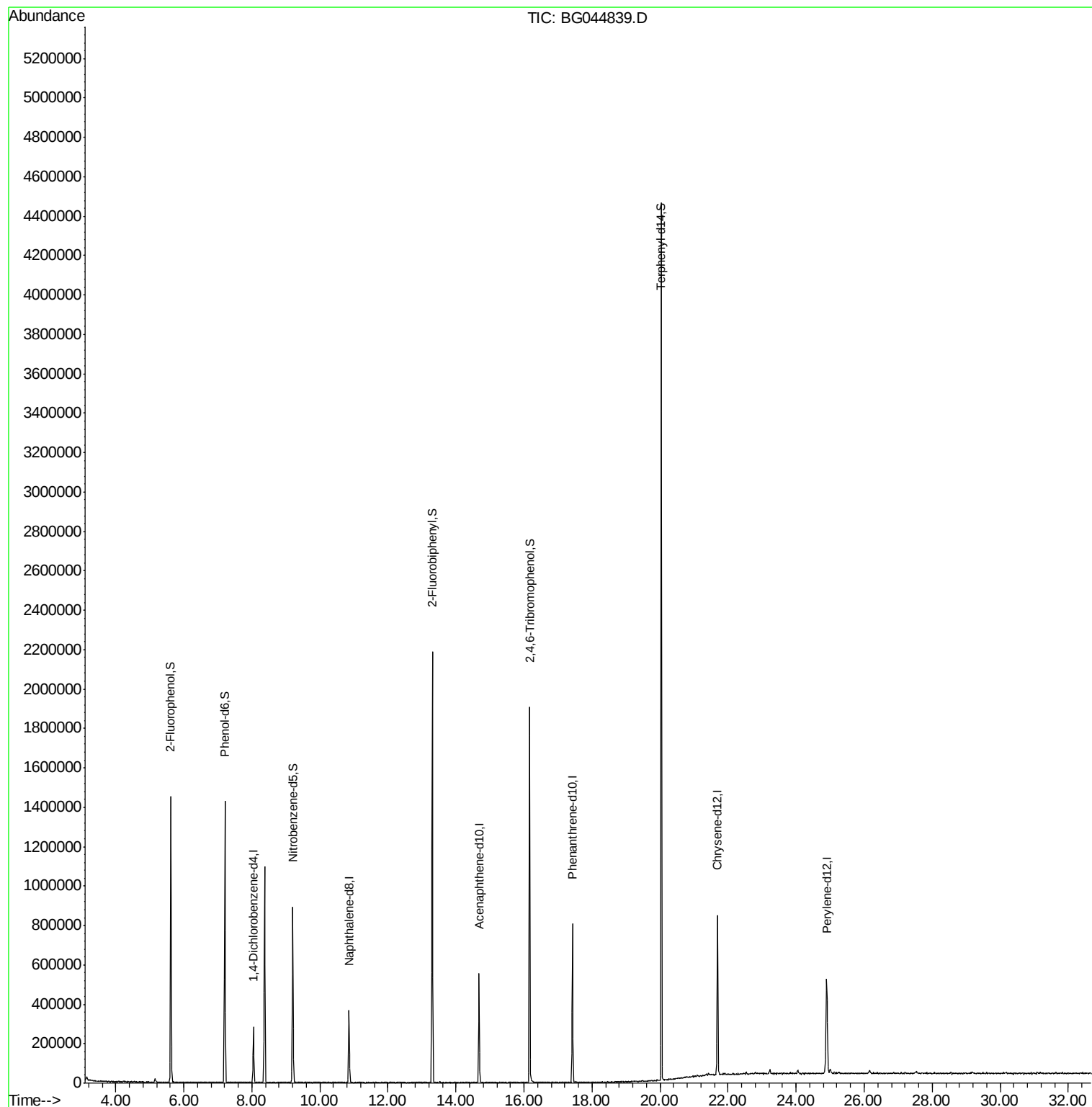
Target Compounds Qvalue

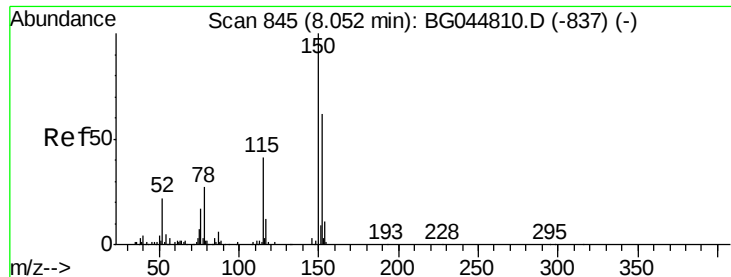
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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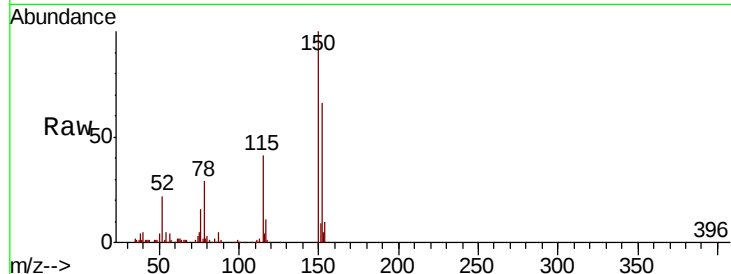


#1

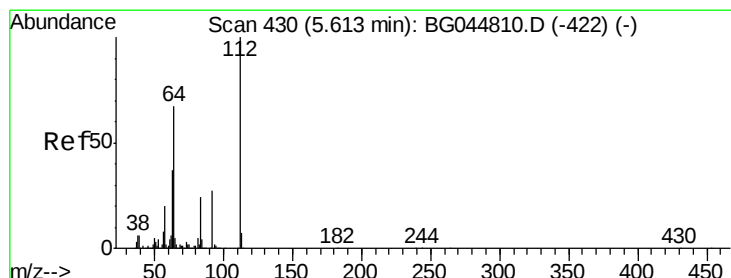
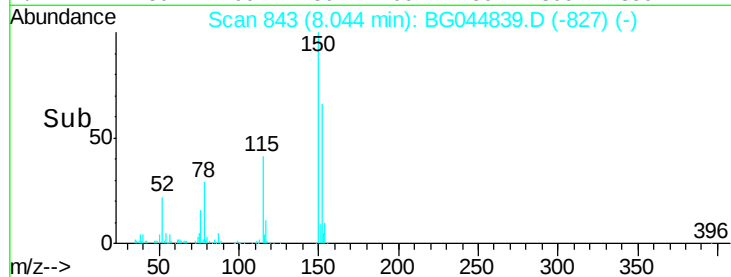
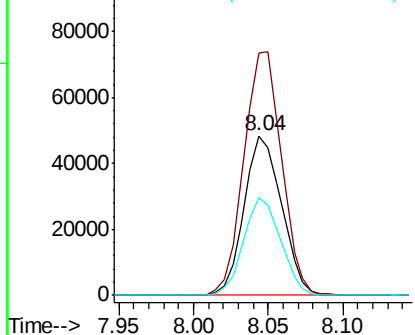
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044839.D
Acq: 17 Mar 2020 19:11

Instrument :
BNA_G
ClientSampleId :
PB127544BL

Tot Ion:152 Resp: 83872
Ion Ratio Lower Upper
152 100
150 151.9 128.8 193.2
115 61.6 52.6 79.0



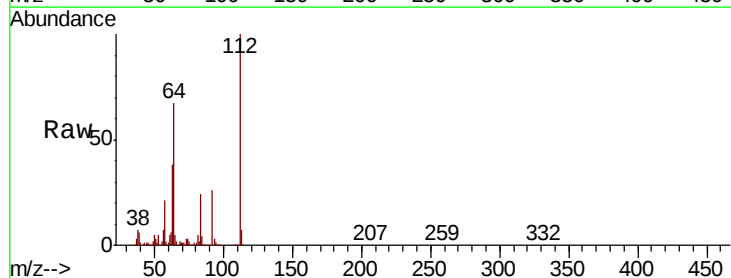
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



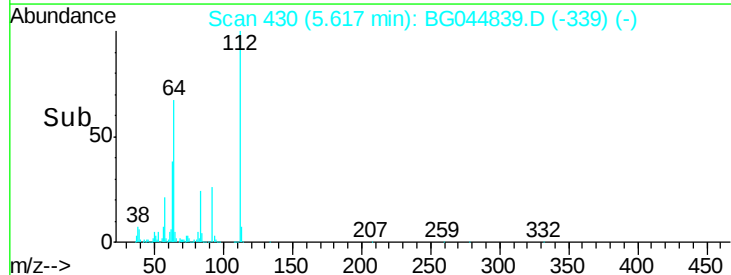
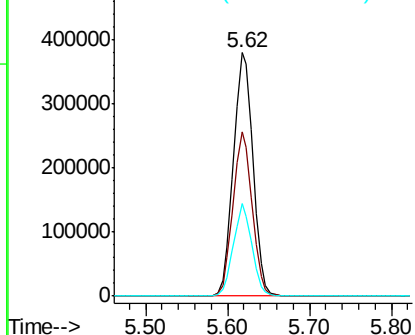
#5

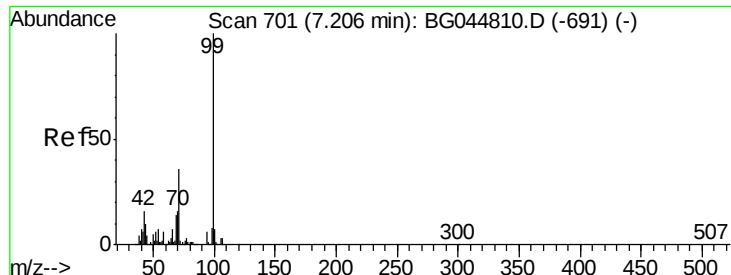
2-Fluorophenol
Concen: 117.820 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044839.D
Acq: 17 Mar 2020 19:11

Tgt Ion:112 Resp: 634795
Ion Ratio Lower Upper
112 100
64 67.2 53.4 80.2
63 38.2 29.4 44.2



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: 110.193 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044839.D

Acq: 17 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127544BL

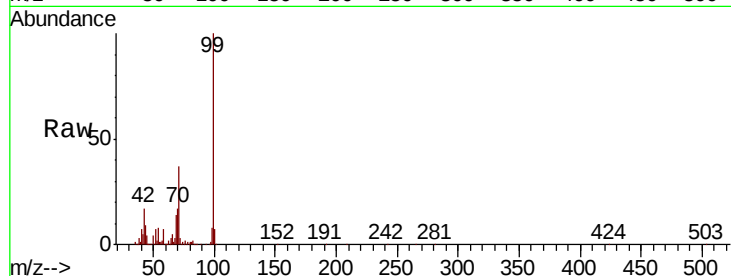
Tot Ion: 99 Resp: 862608

Ion Ratio Lower Upper

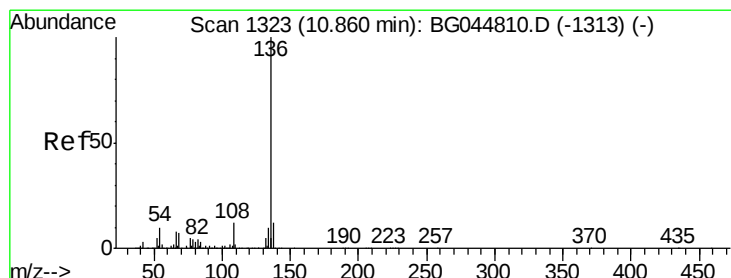
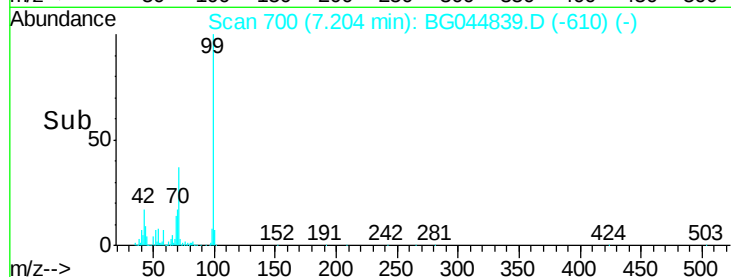
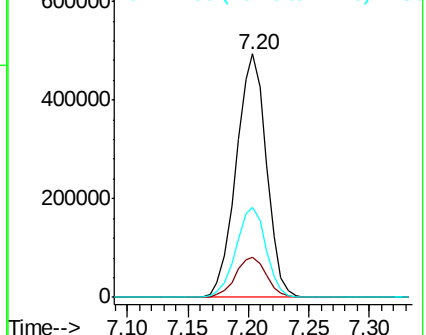
99 100

42 16.6 12.6 19.0

71 37.1 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: BG044839.D

Acq: 17 Mar 2020 19:11

Tgt Ion: 136 Resp: 311901

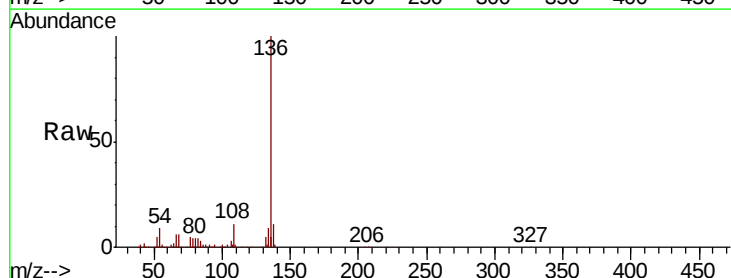
Ion Ratio Lower Upper

136 100

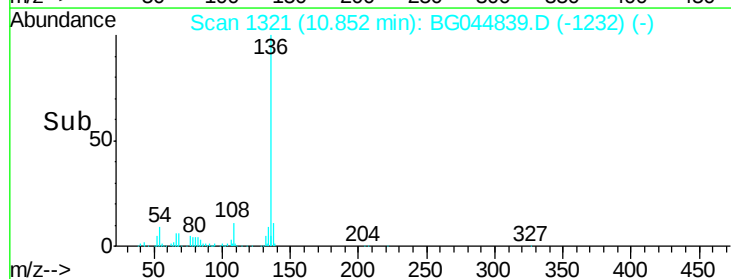
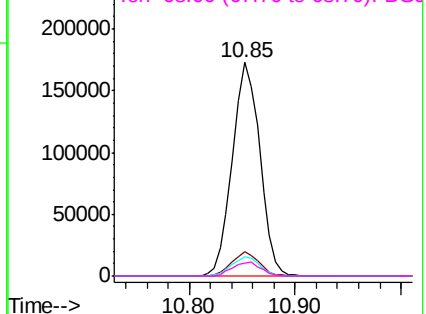
137 11.3 9.8 14.6

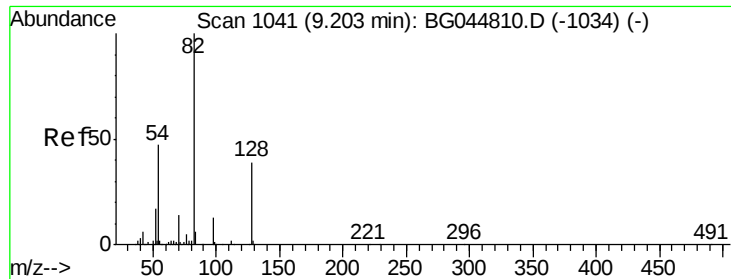
54 8.9 7.9 11.9

68 6.3 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

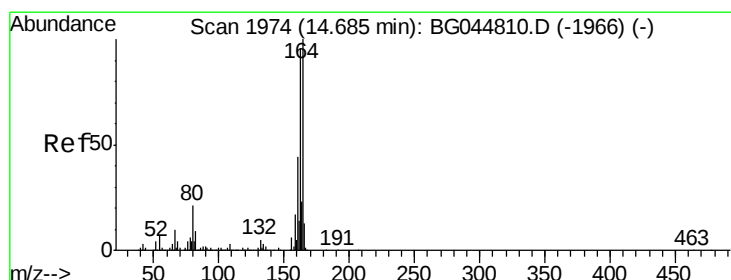
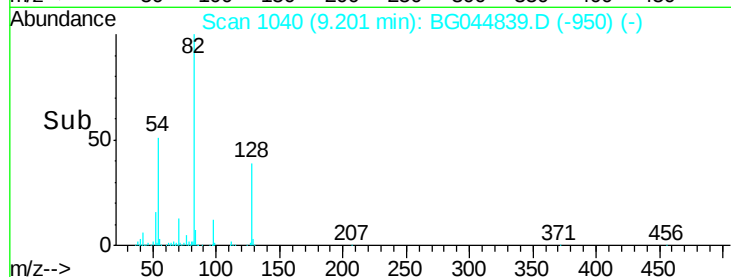
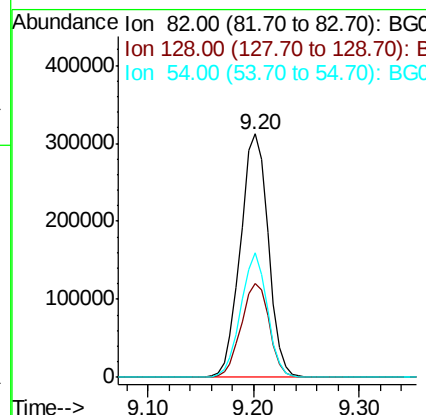
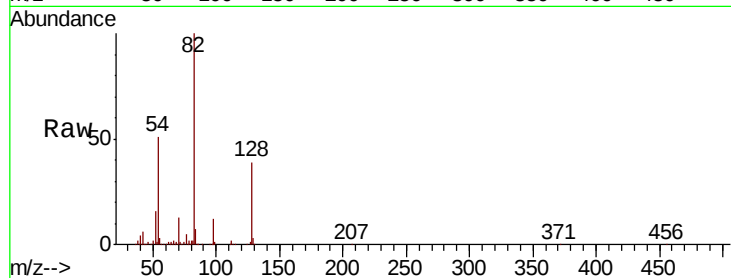




#23
 Nitrobenzene-d5
 Concen: 80.006 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044839.D
 Acq: 17 Mar 2020 19:11

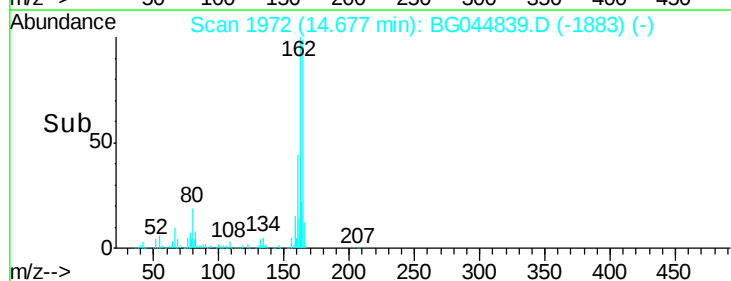
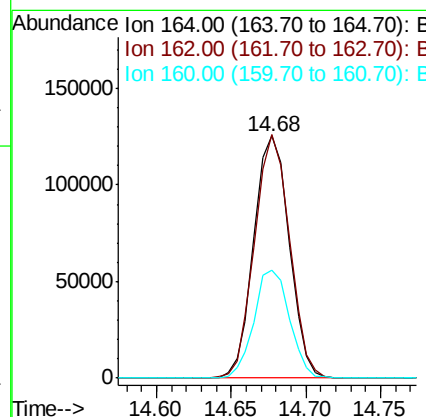
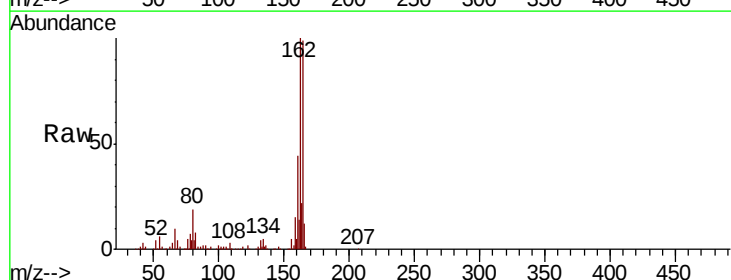
Instrument :
 BNA_G
 ClientSampleId :
 PB127544BL

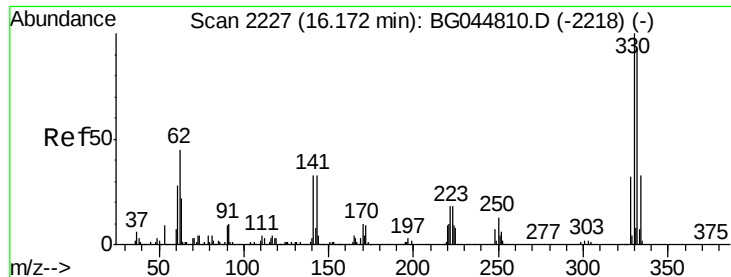
Tot Ion	82	Resp	568665
Ion Ratio	Lower	Upper	
82	100		
128	38.5	30.6	46.0
54	51.0	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044839.D
 Acq: 17 Mar 2020 19:11

Tgt Ion	164	Resp	205520
Ion Ratio	Lower	Upper	
164	100		
162	100.7	76.7	115.1
160	44.6	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 139.846 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044839.D

Acq: 17 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127544BL

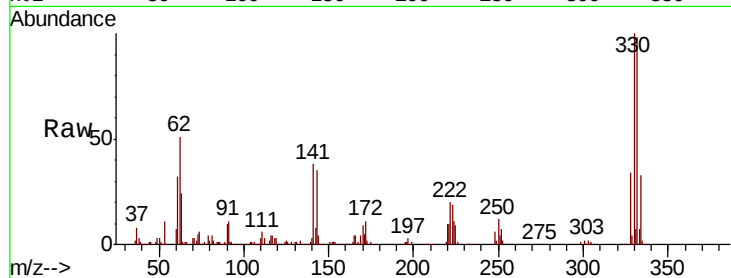
Tot Ion:330 Resp: 376322

Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.6

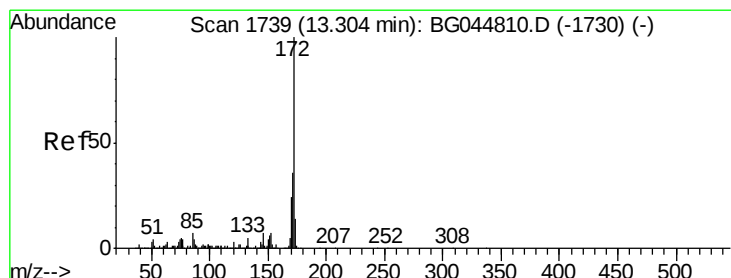
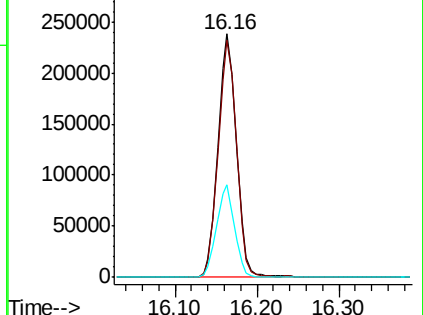
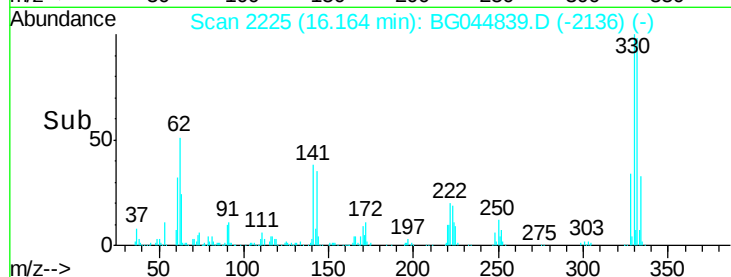
141 37.3 29.5 44.3



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: 82.541 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.00 min

Lab File: BG044839.D

Acq: 17 Mar 2020 19:11

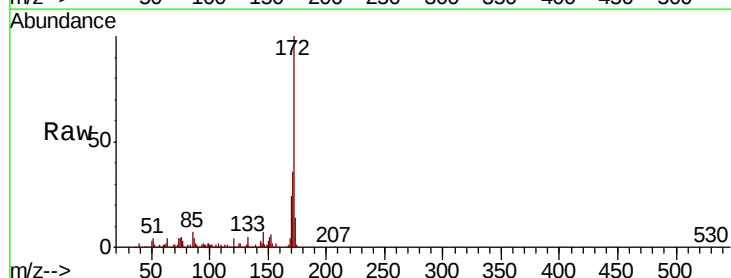
Tgt Ion:172 Resp: 1184591

Ion Ratio Lower Upper

172 100

171 36.1 28.7 43.1

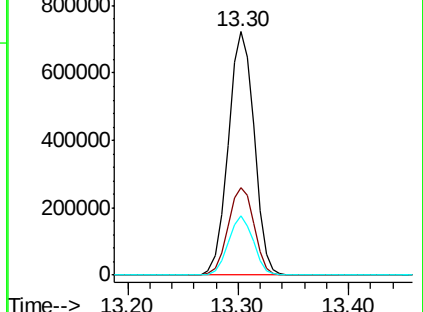
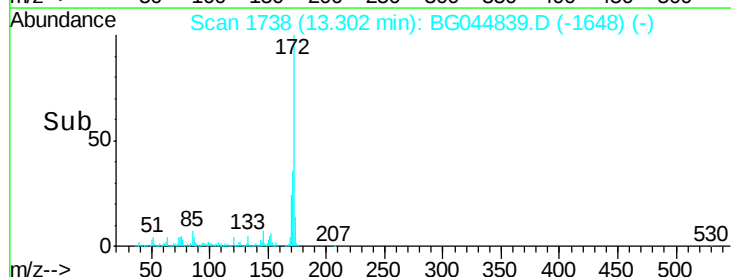
170 24.3 19.0 28.6

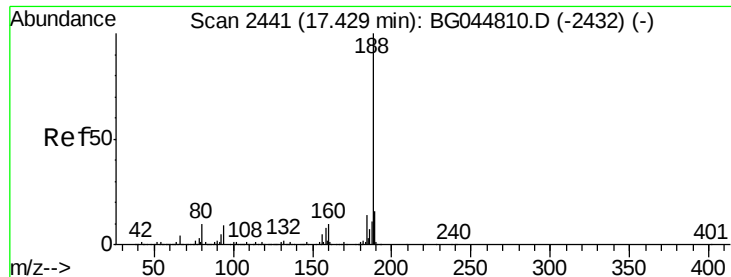


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG044839.D

Acq: 17 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127544BL

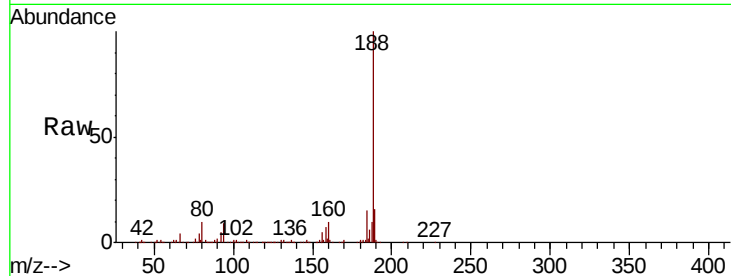
Tot Ion:188 Resp: 514916

Ion Ratio Lower Upper

188 100

94 8.6 7.3 10.9

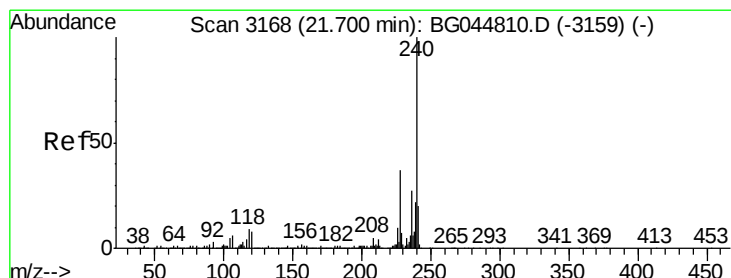
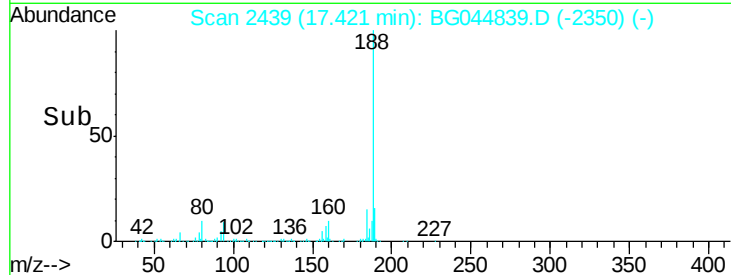
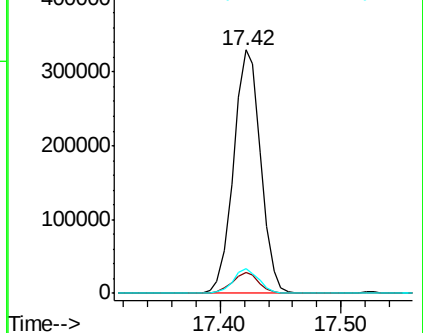
80 10.0 8.0 12.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG044839.D

Acq: 17 Mar 2020 19:11

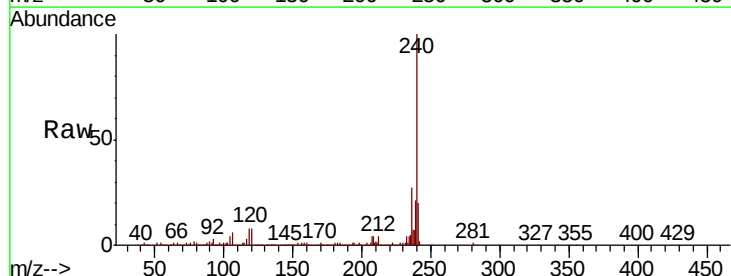
Tgt Ion:240 Resp: 472608

Ion Ratio Lower Upper

240 100

120 8.2 6.7 10.1

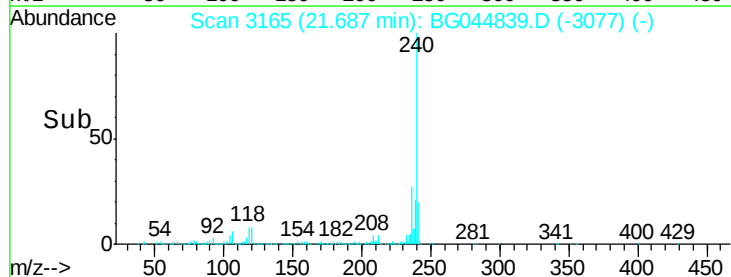
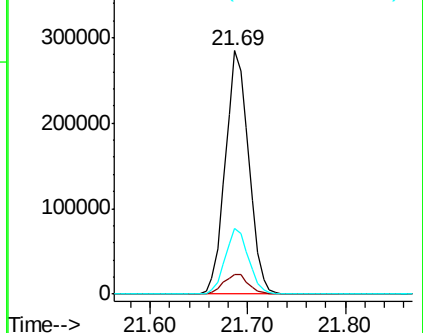
236 27.1 21.5 32.3

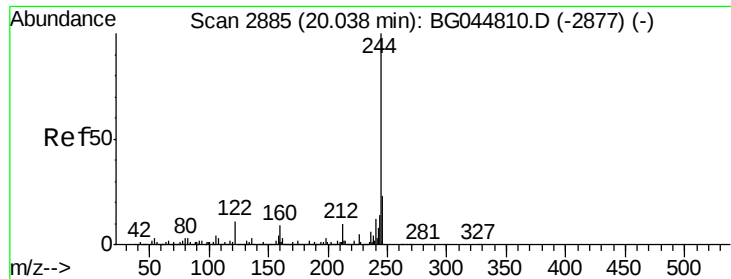


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.000 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG044839.D

Acq: 17 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127544BL

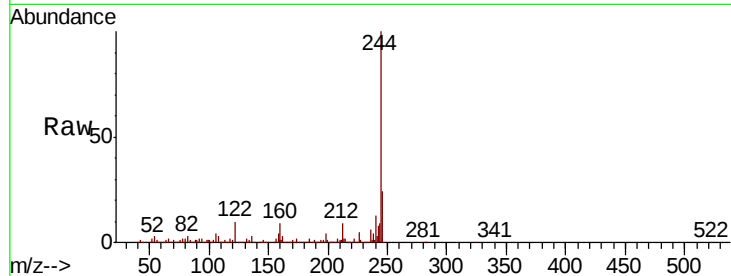
Tot Ion:244 Resp: 2071795

Ion Ratio Lower Upper

244 100

212 9.5 7.7 11.5

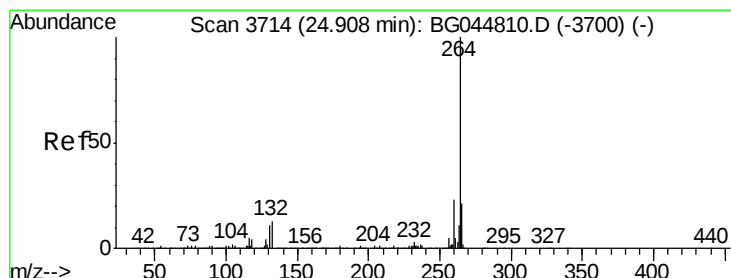
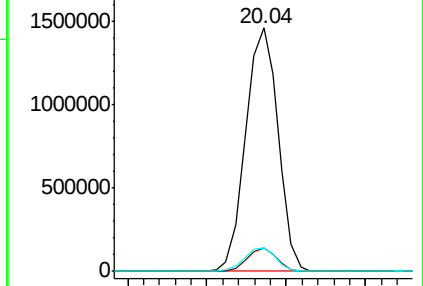
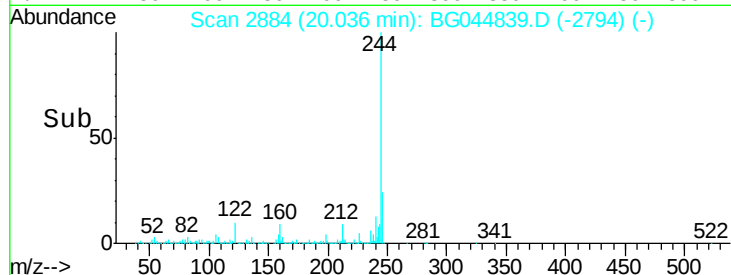
122 9.9 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

2000000 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: 24.90 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG044839.D

Acq: 17 Mar 2020 19:11

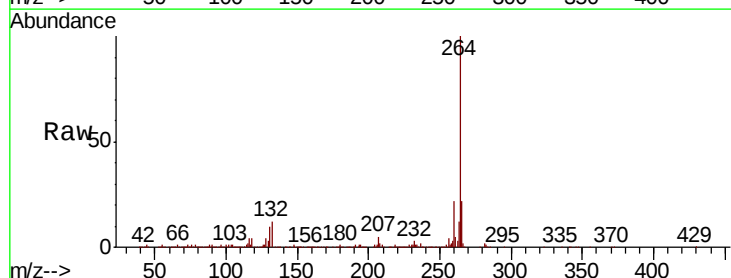
Tgt Ion:264 Resp: 527949

Ion Ratio Lower Upper

264 100

260 22.4 18.1 27.1

265 22.4 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

250000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

