

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044748.D
 Acq On : 13 Mar 2020 00:08
 Operator : CG/JU
 Sample : PB127447BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127447BL

Quant Time: Mar 13 07:30:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	104845	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	420308	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	296677	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	654289	20.00	ng	0.00
76) Chrysene-d12	21.70	240	610542	20.00	ng	-0.01
87) Perylene-d12	24.91	264	663846	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	755785	112.22	ng	0.00
7) Phenol-d6	7.20	99	1074932	109.85	ng	0.00
23) Nitrobenzene-d5	9.21	82	697145	72.78	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	415712	107.02	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1481029	71.49	ng	0.00
79) Terphenyl-d14	20.04	244	2342787	71.78	ng	0.00

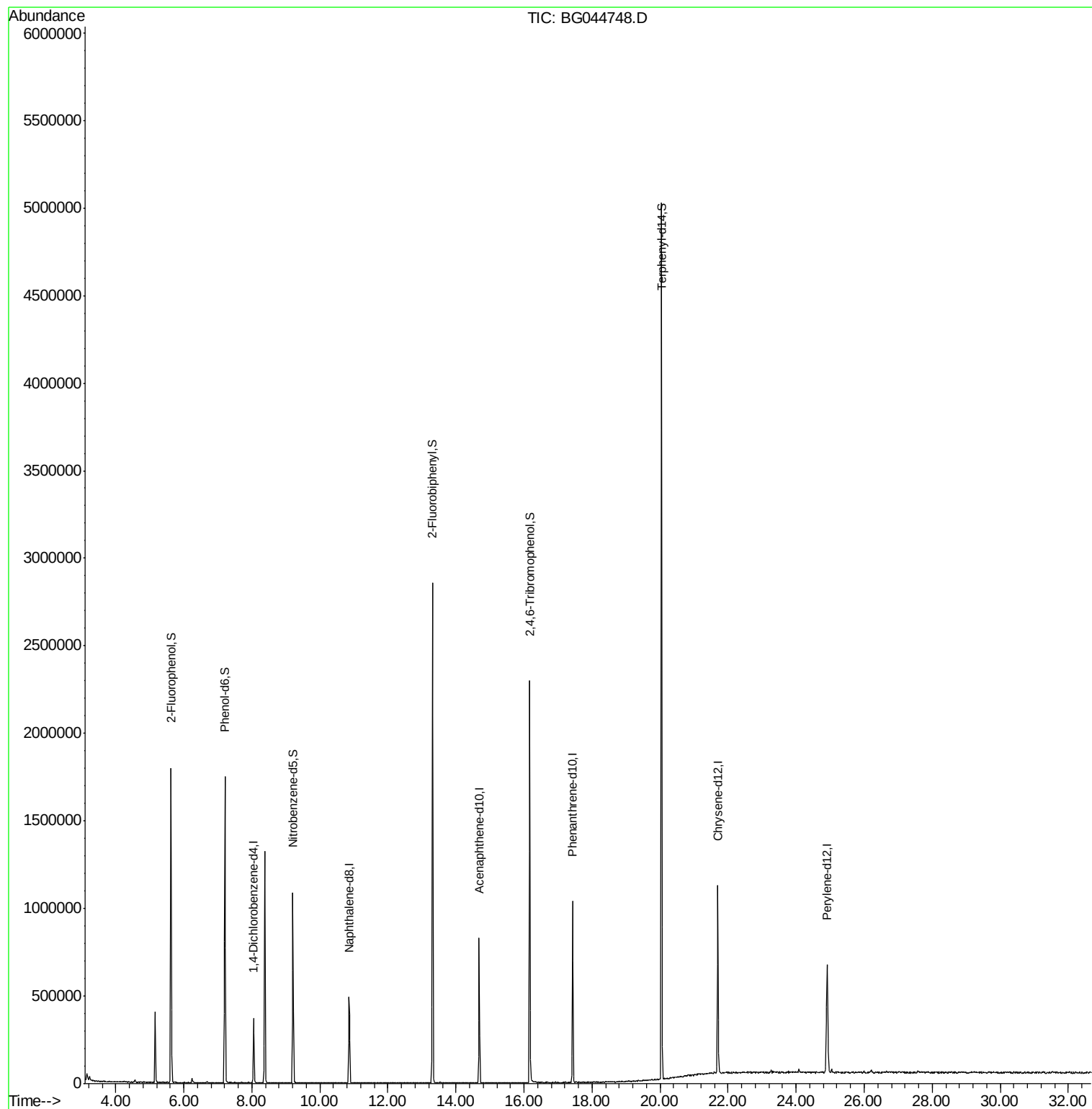
Target Compounds Qvalue

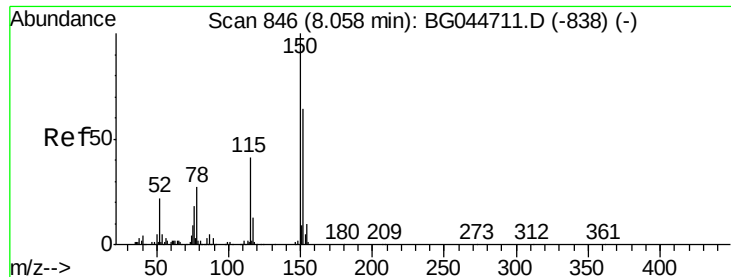
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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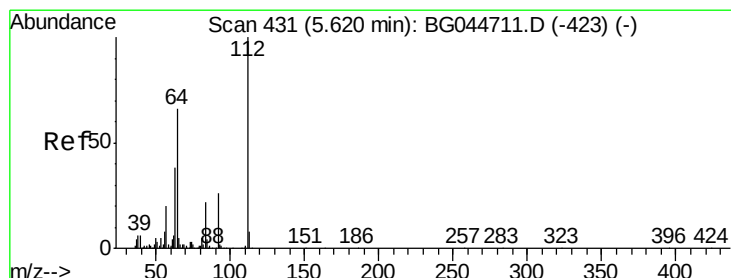
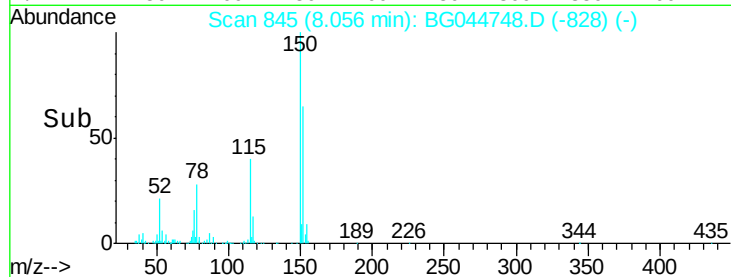
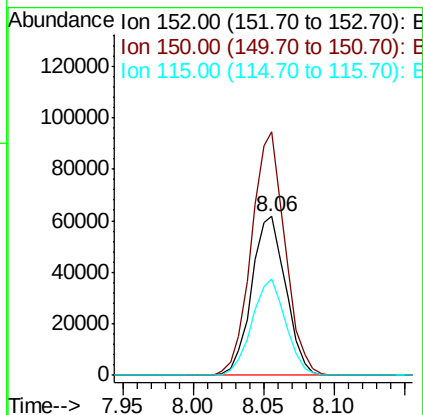
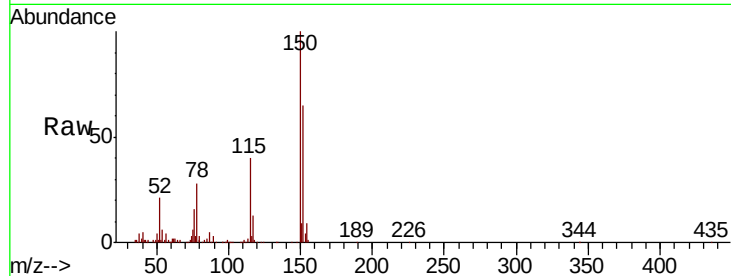


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG044748.D
Acq: 13 Mar 2020 00:08

Instrument :
BNA_G
ClientSampleId :
PB127447BL

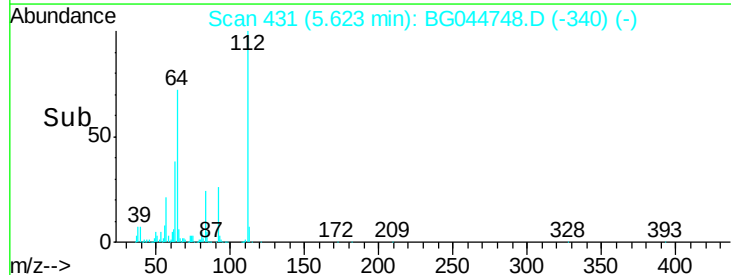
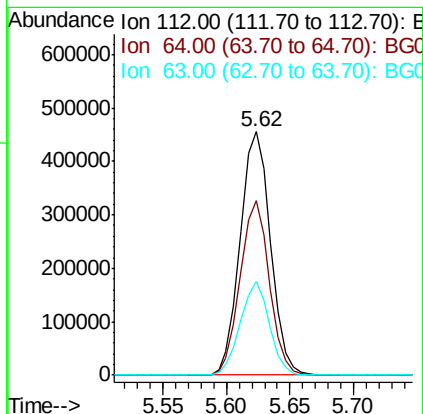
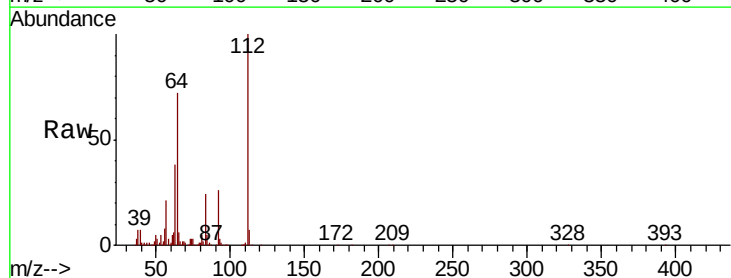
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	125.3	187.9
115	61.2	51.7	77.5

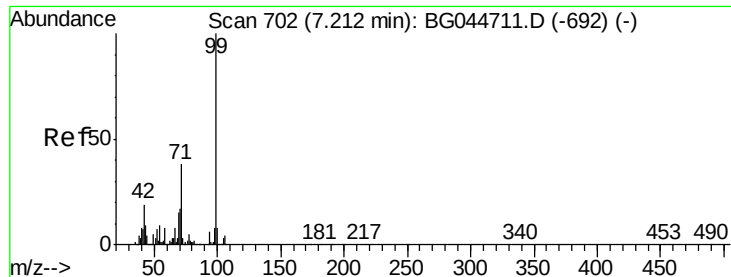


#5

2-Fluorophenol
Concen: 112.216 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG044748.D
Acq: 13 Mar 2020 00:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.8	52.6	78.8
63	38.4	30.2	45.4





#7

Phenol-d6

Concen: 109.848 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044748.D

Acq: 13 Mar 2020 00:08

Instrument :

BNA_G

ClientSampleId :

PB127447BL

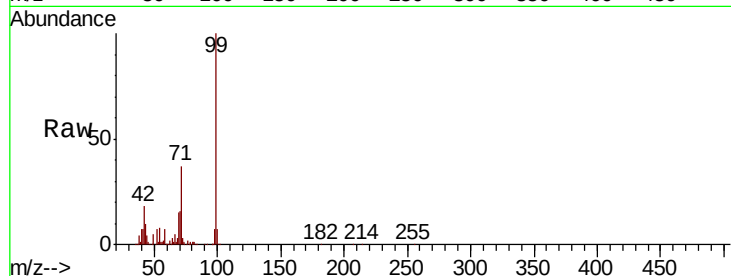
Tot Ion: 99 Resp: 1074932

Ion Ratio Lower Upper

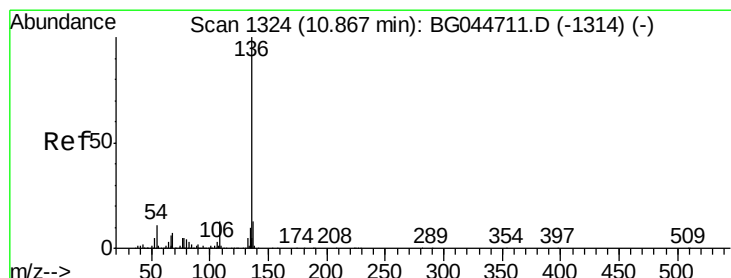
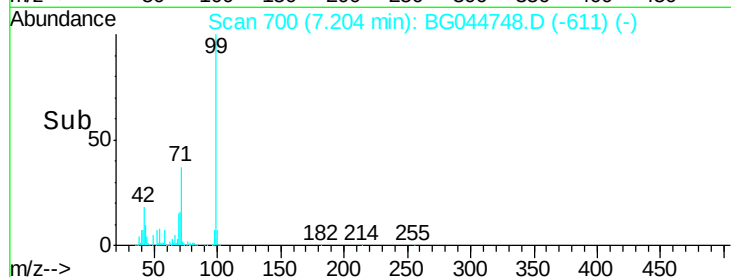
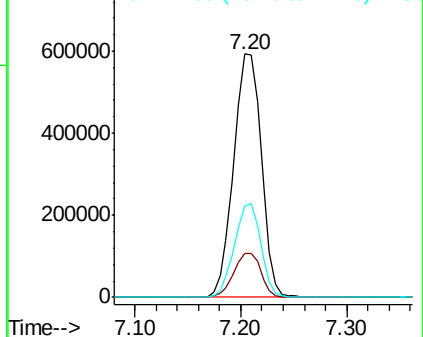
99 100

42 17.8 15.4 23.0

71 37.3 30.2 45.4



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: 10.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BG044748.D

Acq: 13 Mar 2020 00:08

Tgt Ion: 136 Resp: 420308

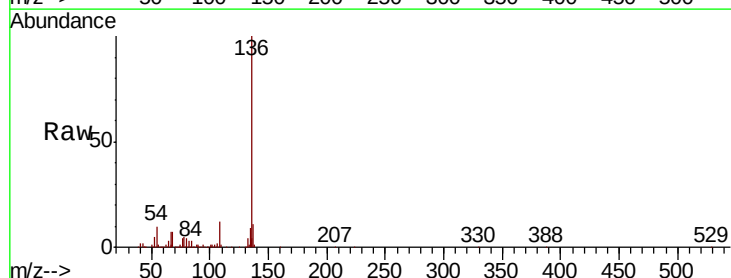
Ion Ratio Lower Upper

136 100

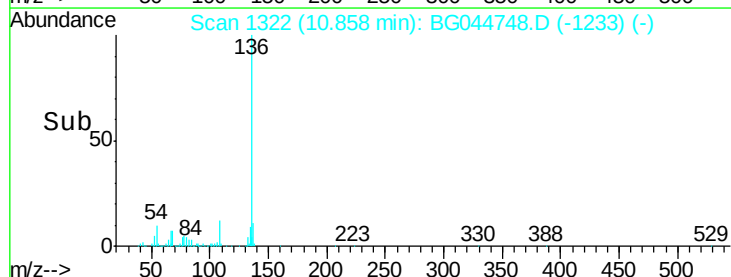
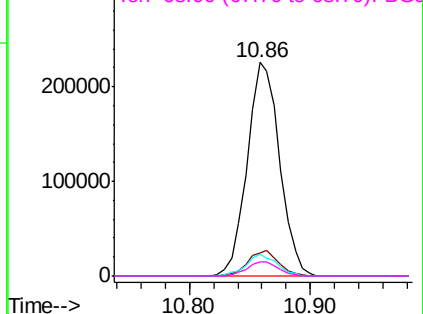
137 10.8 10.7 16.1

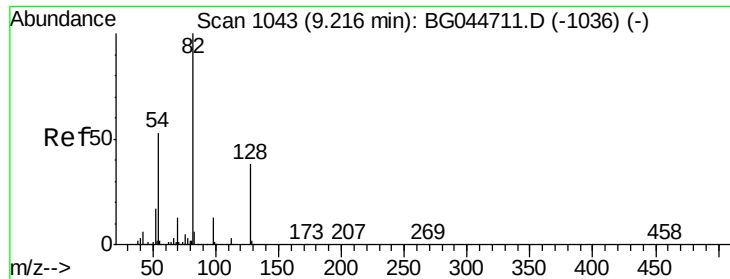
54 10.3 9.0 13.4

68 6.8 5.9 8.9



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

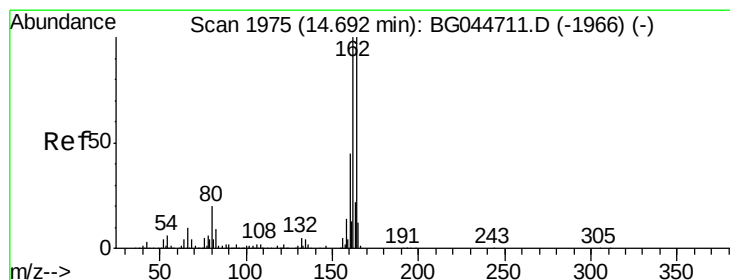
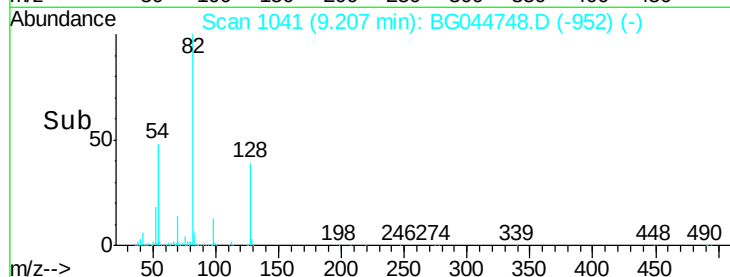
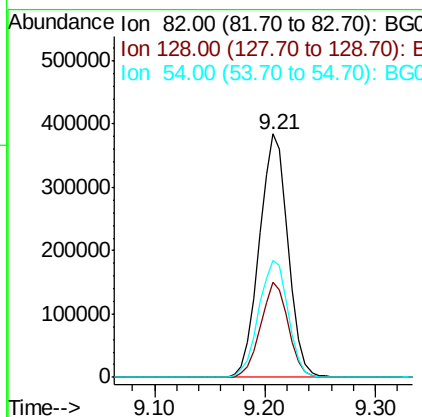
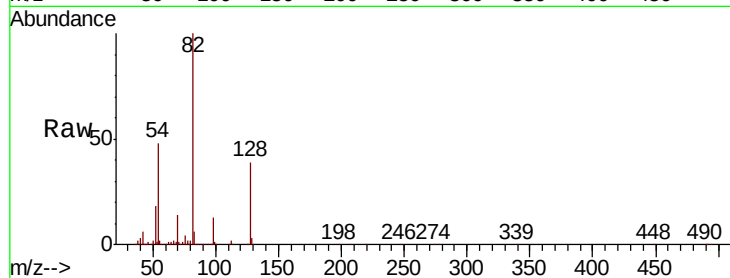




#23
 Nitrobenzene-d5
 Concen: 72.784 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG044748.D
 Acq: 13 Mar 2020 00:08

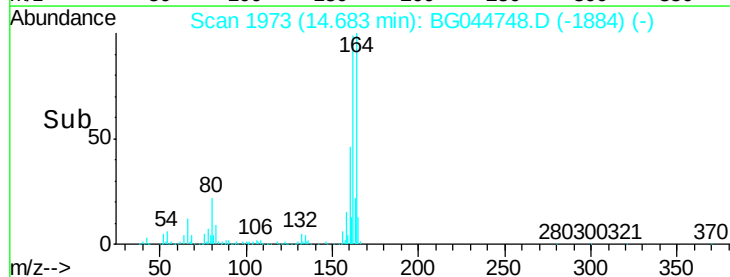
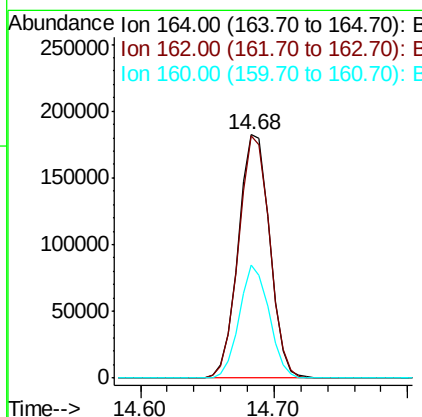
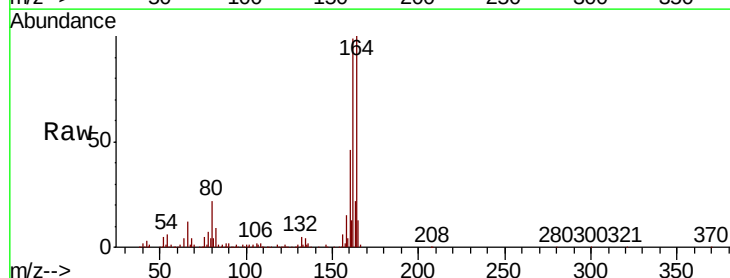
Instrument :
 BNA_G
 ClientSampleID :
 PB127447BL

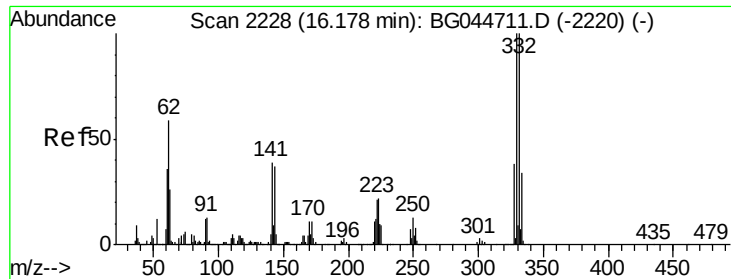
Tot Ion	82.00 (81.70 to 82.70): BGC	Resp	697145
Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.2	45.2
54	47.9	41.8	62.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG044748.D
 Acq: 13 Mar 2020 00:08

Tgt Ion	164.00 (163.70 to 164.70): BGC	Resp	296677
Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.2	120.4
160	46.5	36.2	54.2





#42

2,4,6-Tribromophenol

Concen: 107.017 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG044748.D

Acq: 13 Mar 2020 00:08

Instrument :

BNA_G

ClientSampleId :

PB127447BL

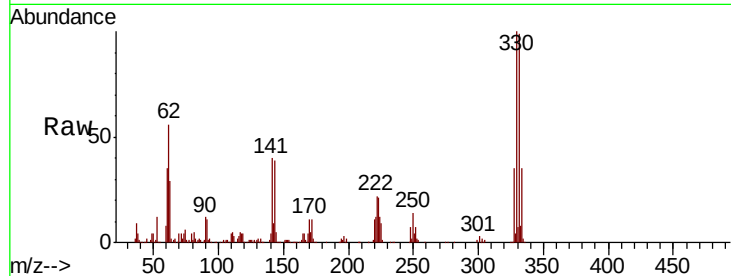
Tot Ion:330 Resp: 415712

Ion Ratio Lower Upper

330 100

332 96.5 77.5 116.3

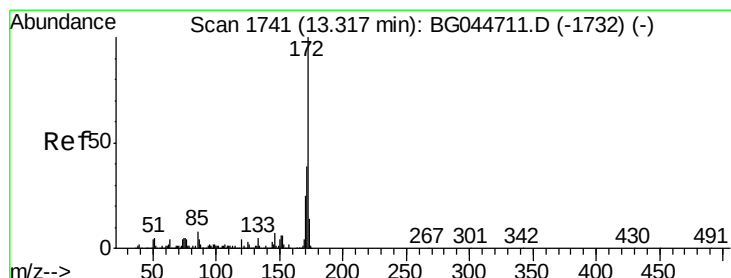
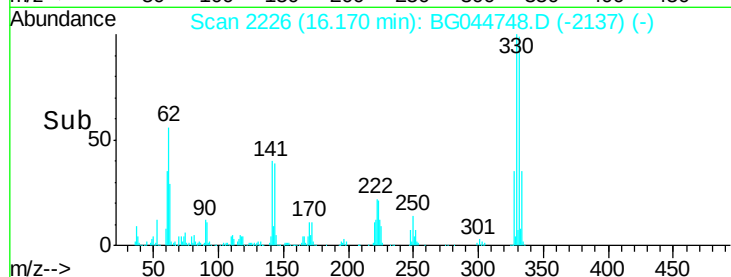
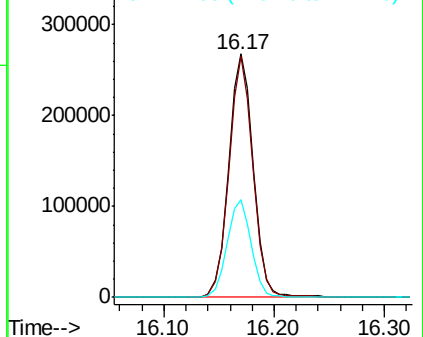
141 39.8 31.7 47.5



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: 71.488 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG044748.D

Acq: 13 Mar 2020 00:08

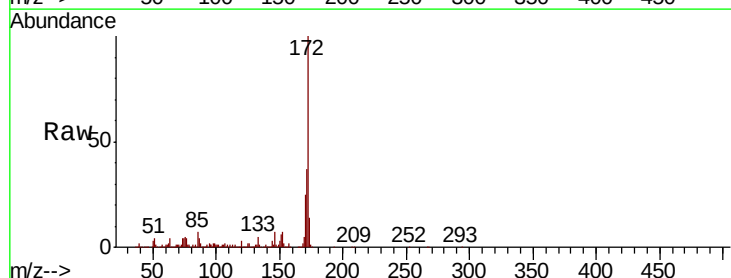
Tgt Ion:172 Resp: 1481029

Ion Ratio Lower Upper

172 100

171 37.4 30.8 46.2

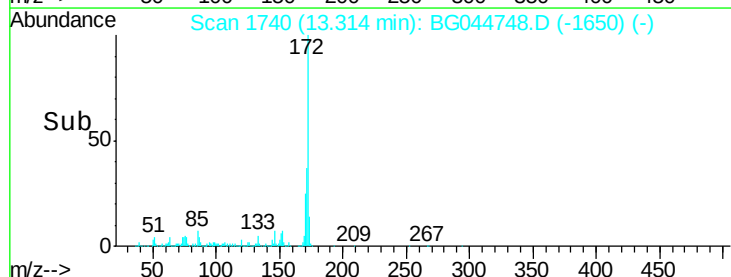
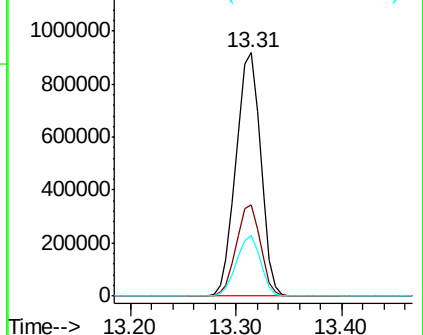
170 24.7 20.0 30.0

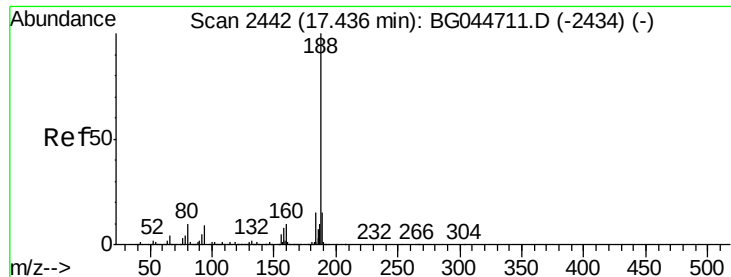


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.43 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG044748.D

Acq: 13 Mar 2020 00:08

Instrument :

BNA_G

ClientSampleId :

PB127447BL

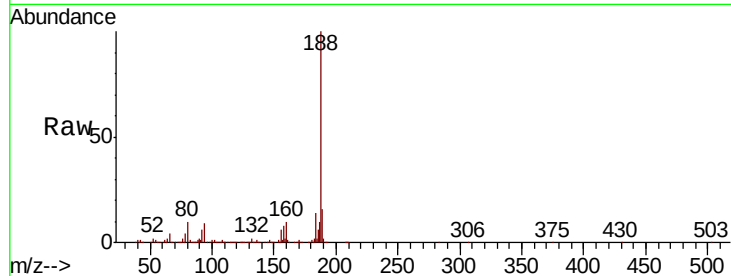
Tot Ion:188 Resp: 654289

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.6

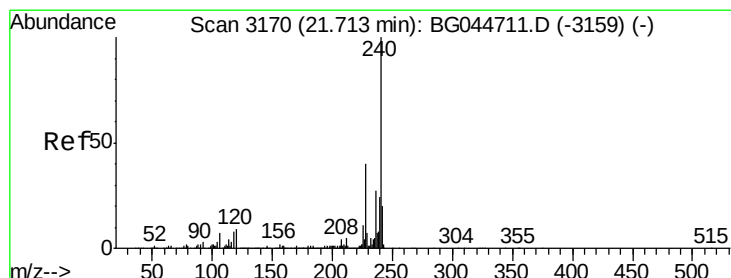
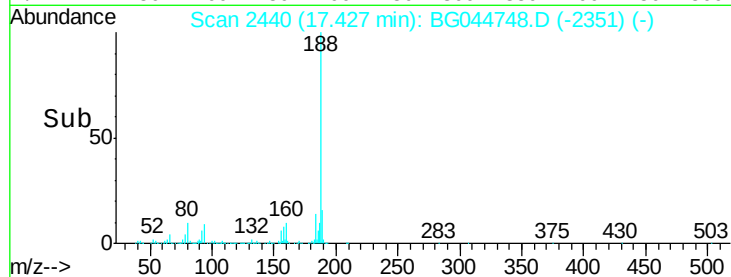
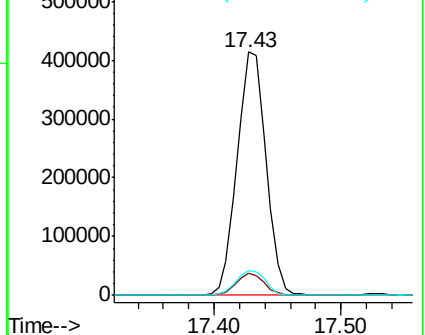
80 10.1 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG044748.D

Acq: 13 Mar 2020 00:08

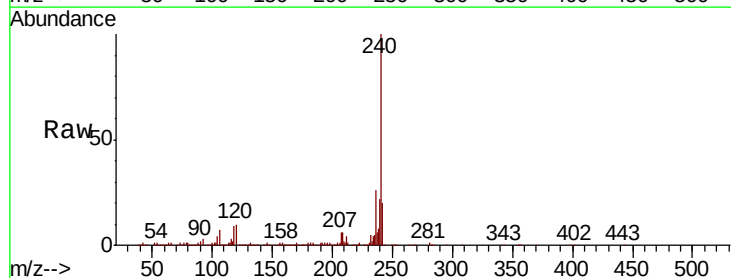
Tgt Ion:240 Resp: 610542

Ion Ratio Lower Upper

240 100

120 9.7 6.9 10.3

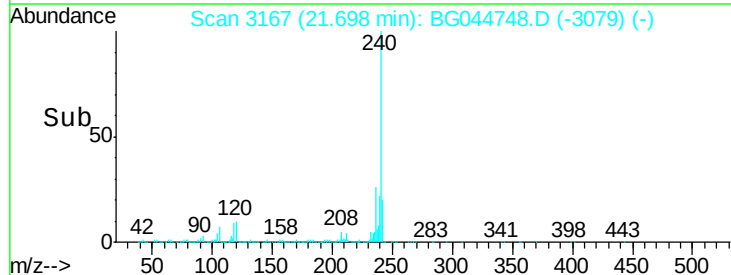
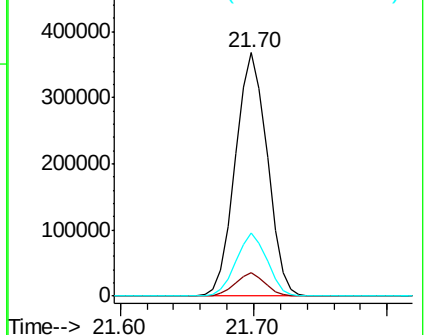
236 25.9 21.9 32.9

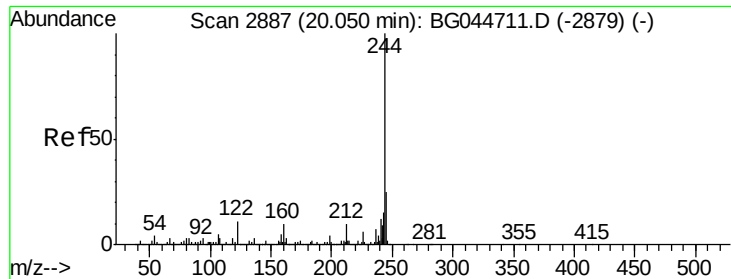


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.777 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG044748.D

Acq: 13 Mar 2020 00:08

Instrument :

BNA_G

ClientSampleId :

PB127447BL

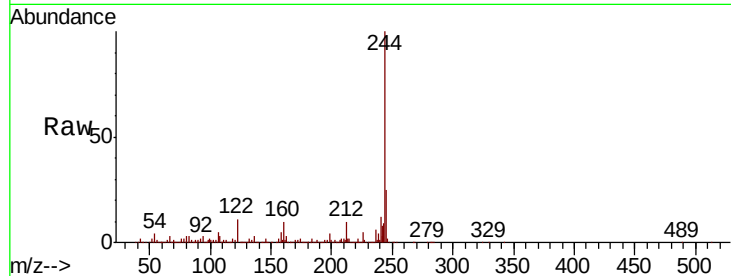
Tot Ion:244 Resp: 2342787

Ion Ratio Lower Upper

244 100

212 10.0 8.4 12.6

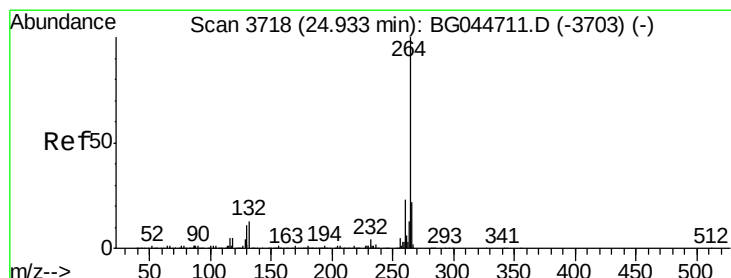
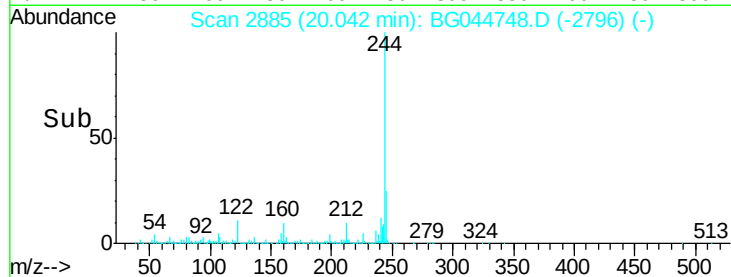
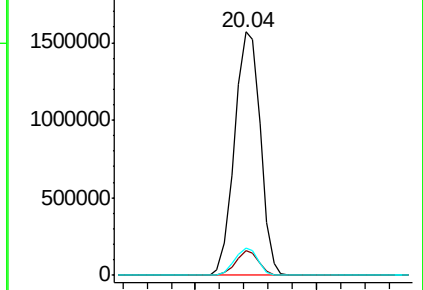
122 11.3 8.7 13.1



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: 24.91 min Scan# 3714

Delta R.T. -0.02 min

Lab File: BG044748.D

Acq: 13 Mar 2020 00:08

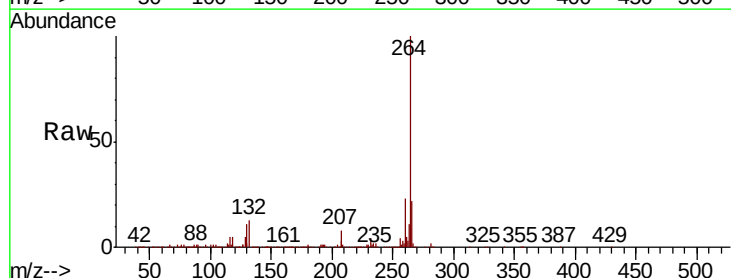
Tgt Ion:264 Resp: 663846

Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

265 21.8 17.4 26.2



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

