

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040898.D
 Acq On : 12 May 2019 7:51
 Operator : HP/JU
 Sample : K2767-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS012-1218-01

Quant Time: May 13 04:49:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

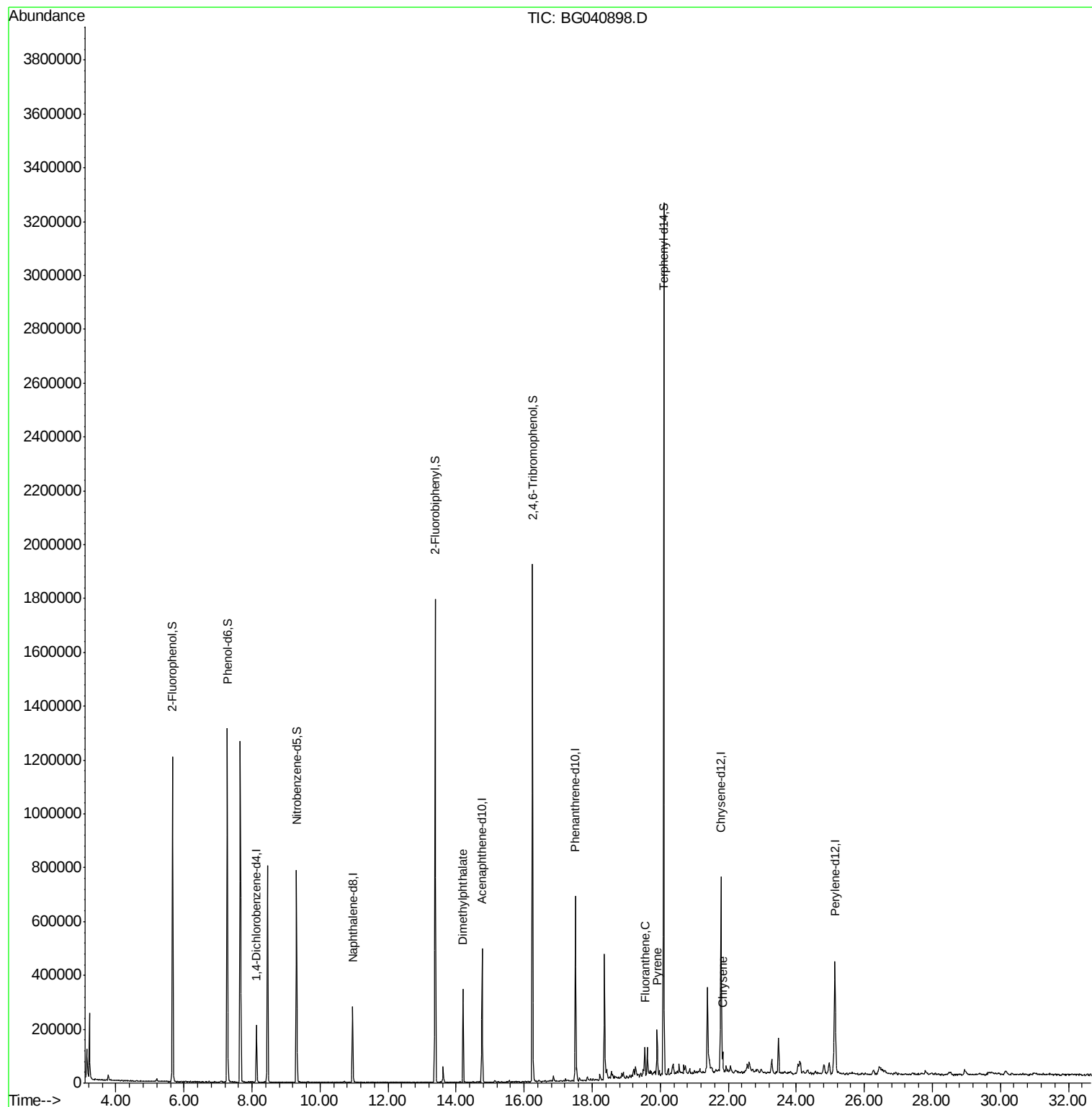
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	52839	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	226471	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	169479	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	430233	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	430355	20.00	ng	-0.04
87) Perylene-d12	25.14	264	472067	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	451576	150.65	ng	-0.02
7) Phenol-d6	7.28	99	684565	148.32	ng	-0.02
23) Nitrobenzene-d5	9.31	82	470823	96.06	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	355625	152.66	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	885715	75.48	ng	-0.03
79) Terphenyl-d14	20.10	244	1473186	75.84	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.20	163	208267	14.687	ng	99
75) Fluoranthene	19.55	202	61633	2.134	ng	95
78) Pyrene	19.91	202	110267	4.088	ng	97
83) Chrysene	21.84	228	54327	2.100	ng	99

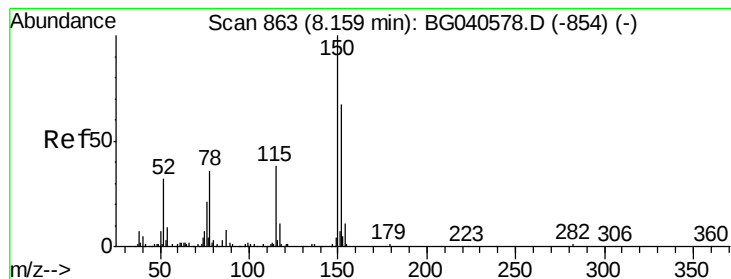
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040898.D
Acq On : 12 May 2019 7:51
Operator : HP/JU
Sample : K2767-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P026-SS012-1218-01

Quant Time: May 13 04:49:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

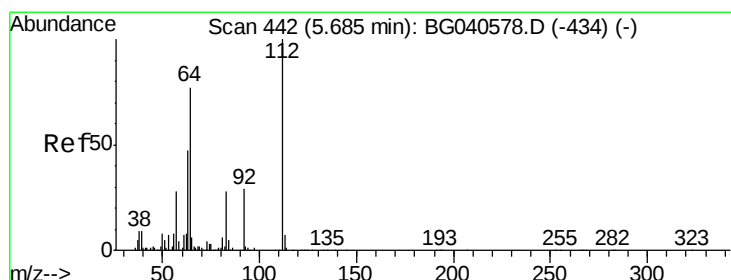
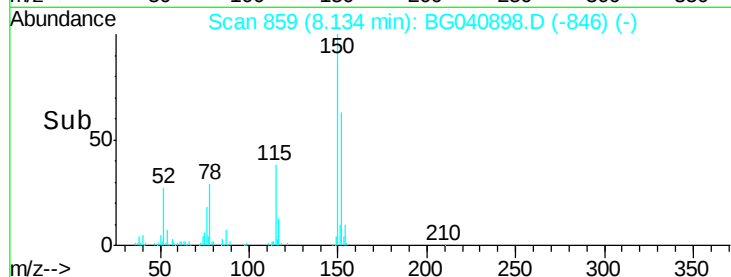
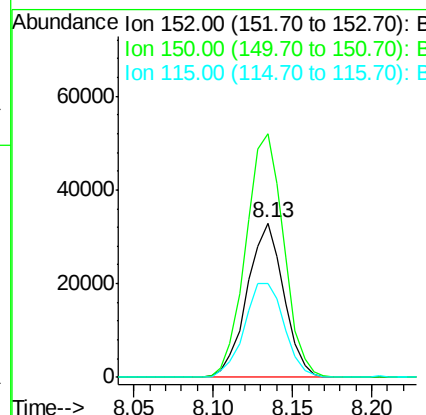
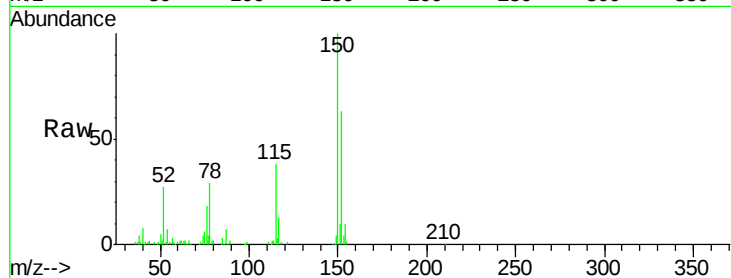




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BG040898.D
 Acq: 12 May 2019 7:51

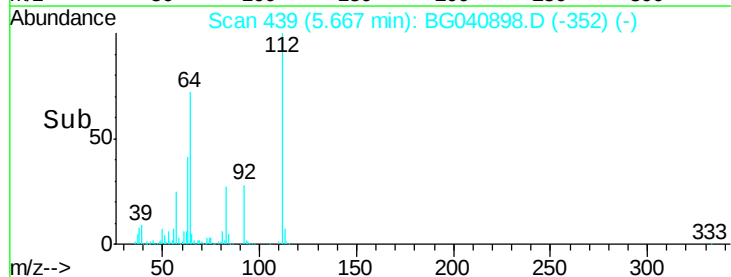
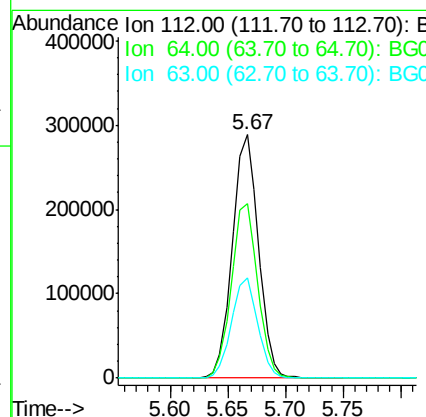
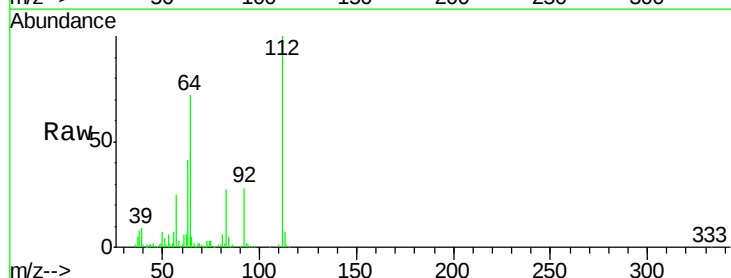
Instrument :
 BNA_G
 ClientSampleId :
 P026-SS012-1218-01

Tgt Ion:152 Resp: 52839
 Ion Ratio Lower Upper
 152 100
 150 157.8 120.2 180.2
 115 60.6 46.2 69.2



#5
 2-Fluorophenol
 Concen: 150.651 ng
 RT: 5.67 min Scan# 439
 Delta R.T. -0.02 min
 Lab File: BG040898.D
 Acq: 12 May 2019 7:51

Tgt Ion:112 Resp: 451576
 Ion Ratio Lower Upper
 112 100
 64 71.8 61.4 92.0
 63 41.1 37.8 56.6





#7

Phenol-d6

Concen: 148.325 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040898.D

Acq: 12 May 2019 7:51

Instrument :

BNA_G

ClientSampleId :

P026-SS012-1218-01

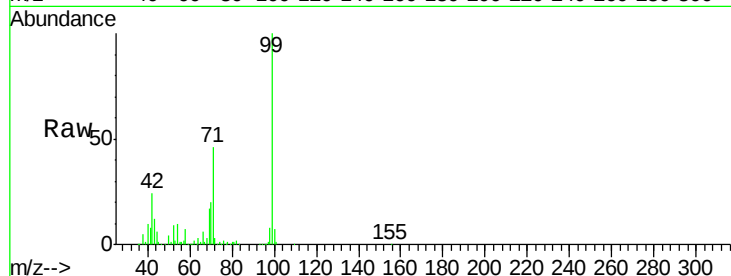
Tgt Ion: 99 Resp: 684565

Ion Ratio Lower Upper

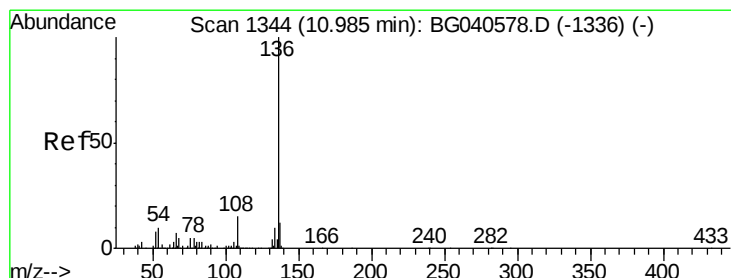
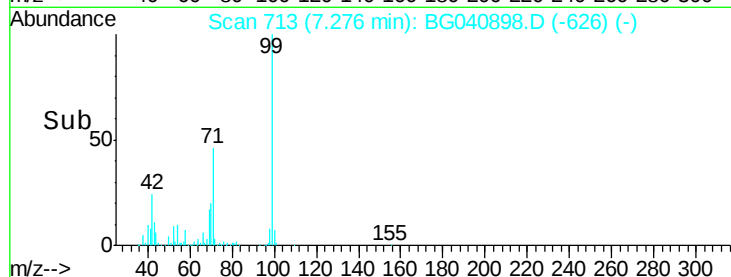
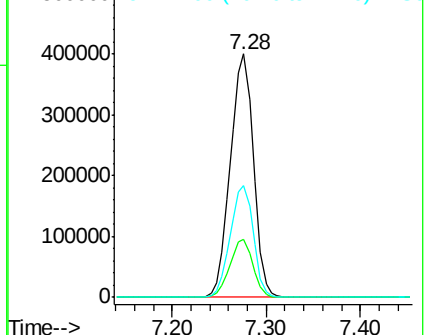
99 100

42 24.0 21.8 32.8

71 45.8 38.6 57.8



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: 10.95 min Scan# 1339

Delta R.T. -0.03 min

Lab File: BG040898.D

Acq: 12 May 2019 7:51

Tgt Ion: 136 Resp: 226471

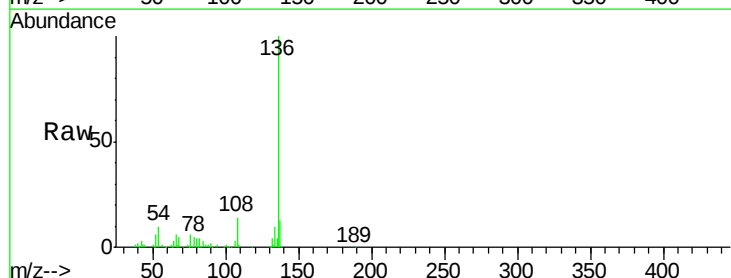
Ion Ratio Lower Upper

136 100

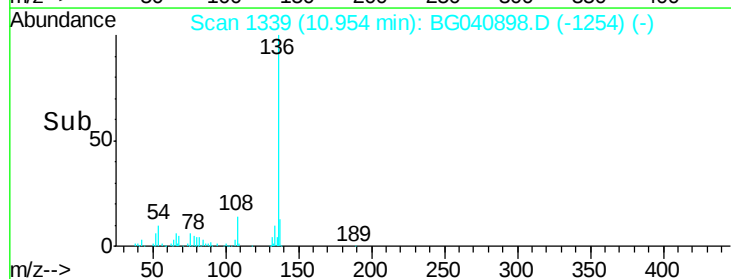
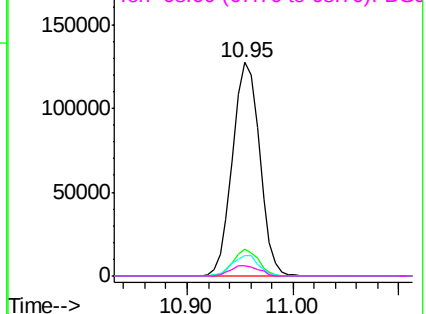
137 12.6 9.7 14.5

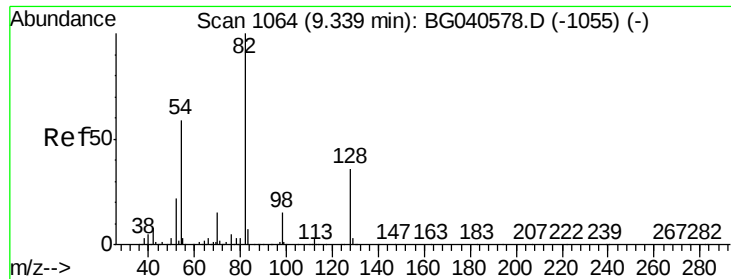
54 9.6 8.6 12.8

68 4.9 4.8 7.2



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: 96.061 ng

RT: 9.31 min Scan# 1059

Delta R.T. -0.03 min

Lab File: BG040898.D

Acq: 12 May 2019 7:51

Instrument :

BNA_G

ClientSampleId :

P026-SS012-1218-01

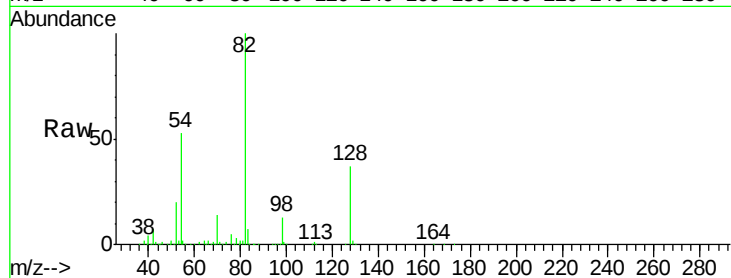
Tgt Ion: 82 Resp: 470823

Ion Ratio Lower Upper

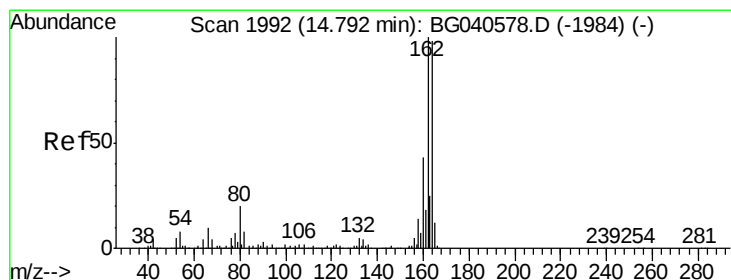
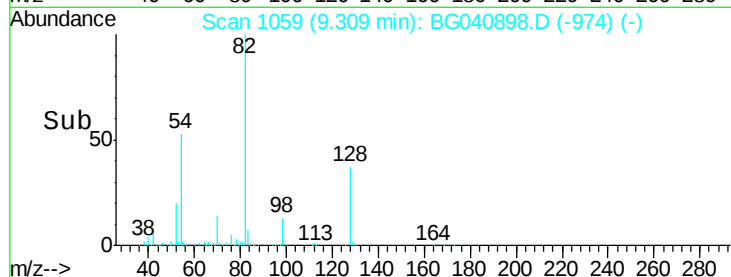
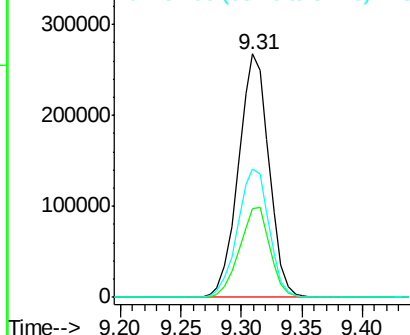
82 100

128 36.6 28.9 43.3

54 53.0 47.2 70.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.03 min

Lab File: BG040898.D

Acq: 12 May 2019 7:51

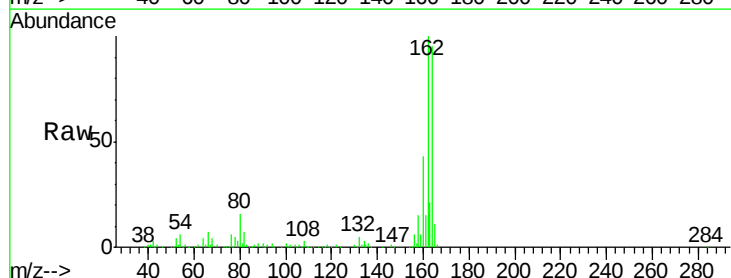
Tgt Ion: 164 Resp: 169479

Ion Ratio Lower Upper

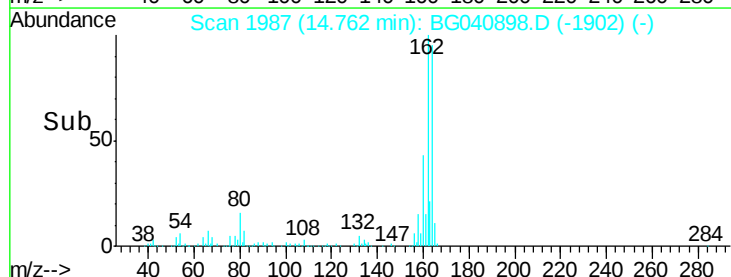
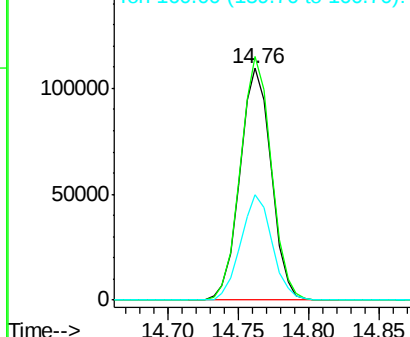
164 100

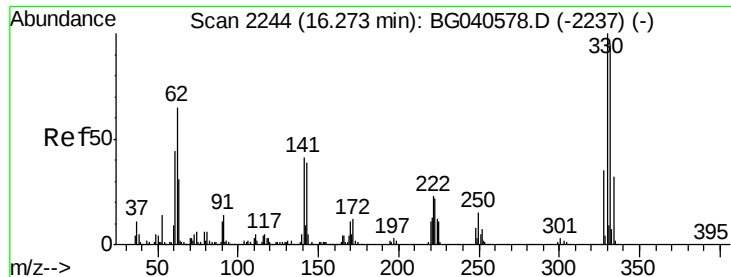
162 105.1 81.9 122.9

160 45.4 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

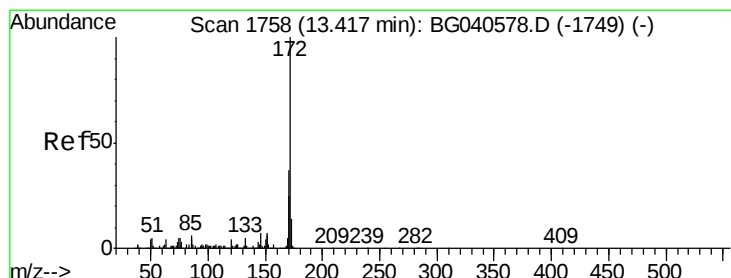
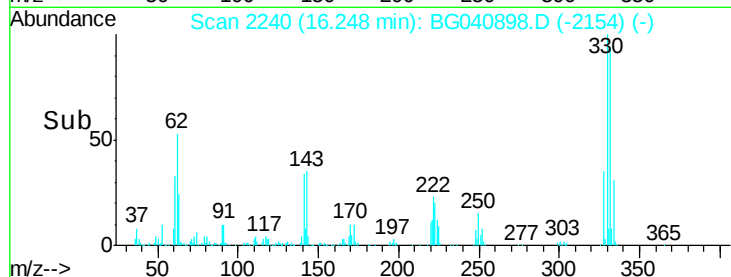
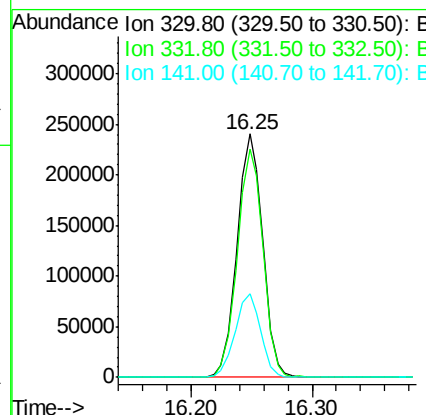
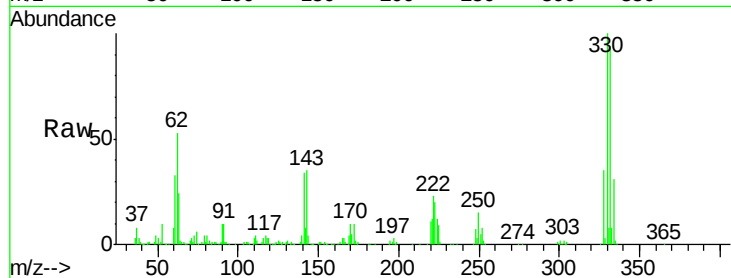




#42
 2,4,6-Tribromophenol
 Concen: 152.660 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.02 min
 Lab File: BG040898.D
 Acq: 12 May 2019 7:51

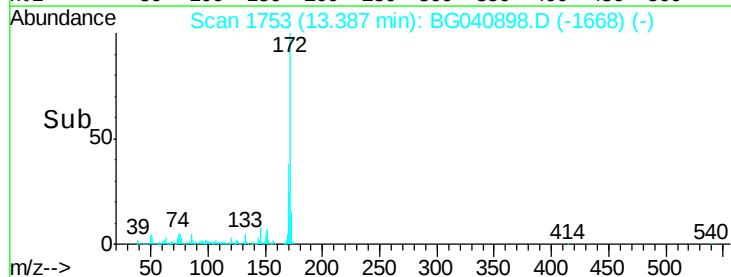
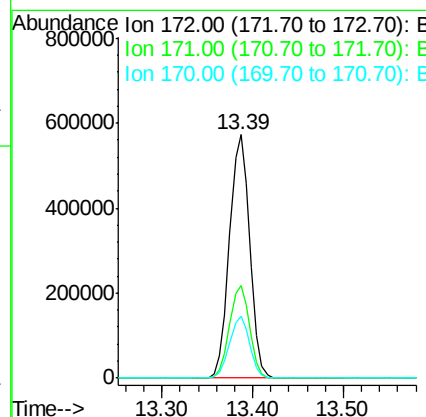
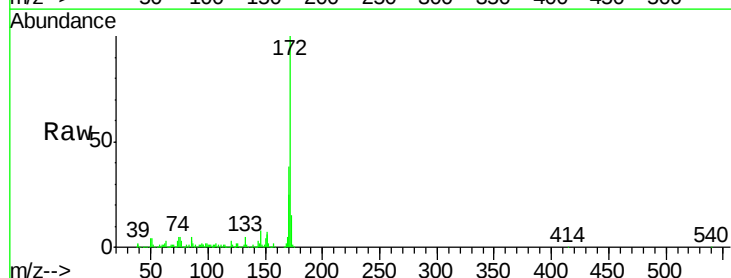
Instrument :
 BNA_G
 ClientSampleId :
 P026-SS012-1218-01

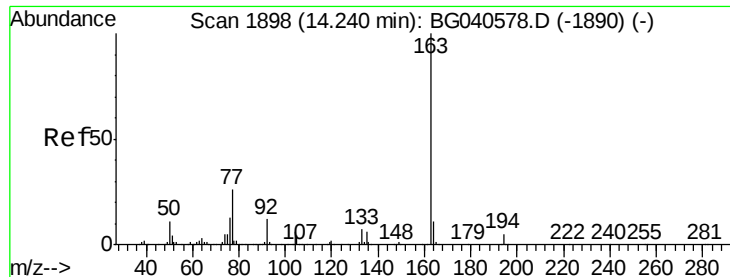
Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.9	75.9	113.9
141	34.3	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 75.475 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040898.D
 Acq: 12 May 2019 7:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.4	44.2
170	25.3	19.9	29.9





#50

Dimethylphthalate

Concen: 14.687 ng

RT: 14.20 min Scan# 1892

Delta R.T. -0.04 min

Lab File: BG040898.D

Acq: 12 May 2019 7:51

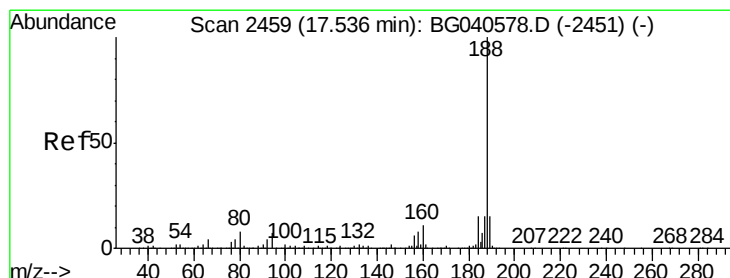
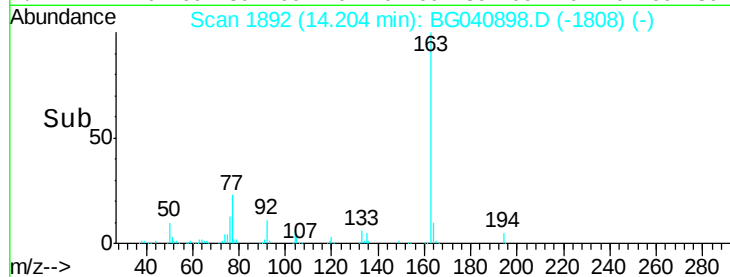
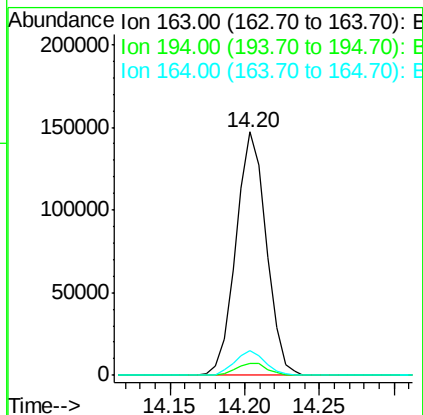
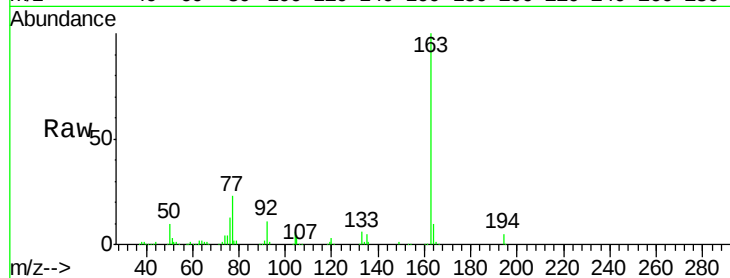
Instrument :

BNA_G

ClientSampleId :

P026-SS012-1218-01

Tgt Ion:	163	Resp:	208267
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.8	5.8
164	10.3	8.8	13.2



#64

Phenanthrene-d10

Concen: 20.000 ng

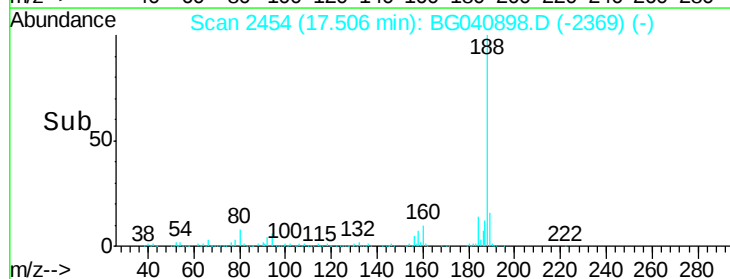
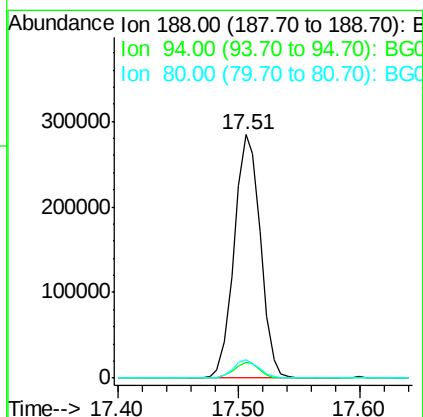
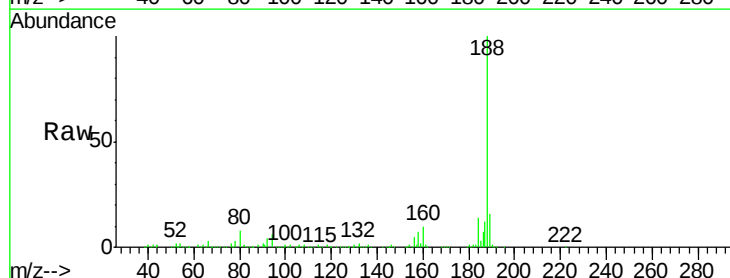
RT: 17.51 min Scan# 2454

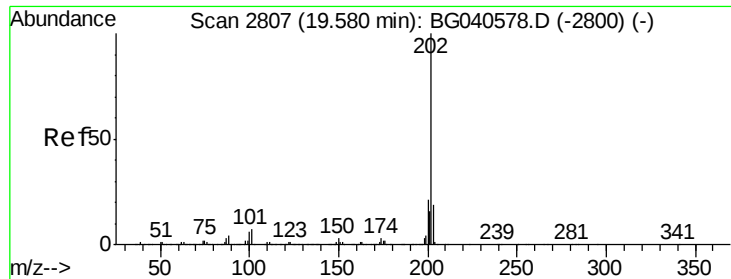
Delta R.T. -0.03 min

Lab File: BG040898.D

Acq: 12 May 2019 7:51

Tgt Ion:	188	Resp:	430233
Ion Ratio	Lower	Upper	
188	100		
94	6.4	5.6	8.4
80	7.5	6.4	9.6





#75

Fluoranthene

Concen: 2.134 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.03 min

Lab File: BG040898.D

Acq: 12 May 2019 7:51

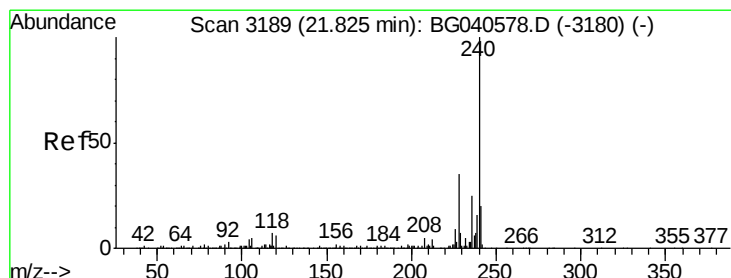
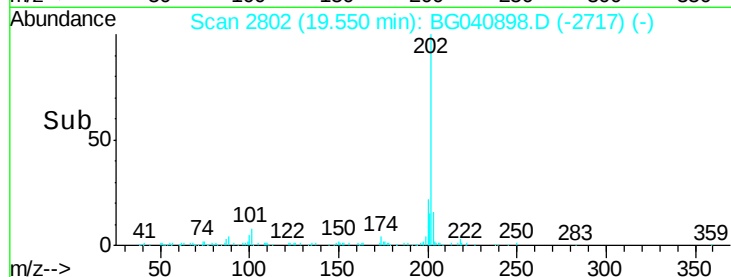
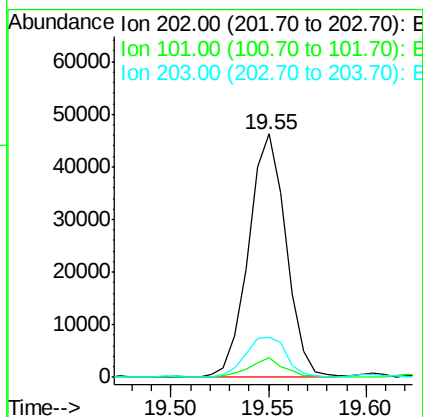
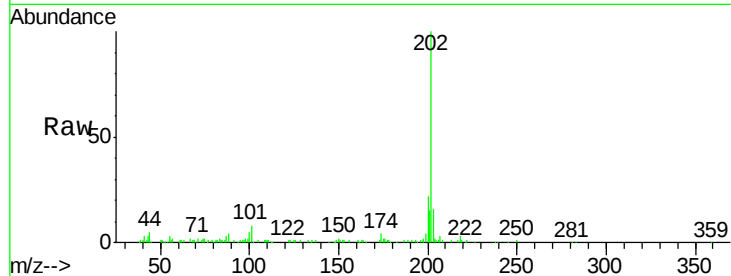
Instrument :

BNA_G

ClientSampleId :

P026-SS012-1218-01

Tgt Ion:	202	Resp:	61633
Ion Ratio	Lower	Upper	
202	100		
101	7.9	0.0	27.5
203	16.3	0.0	39.3



#76

Chrysene-d12

Concen: 20.000 ng

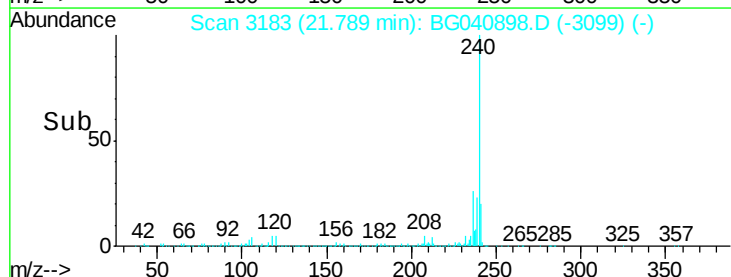
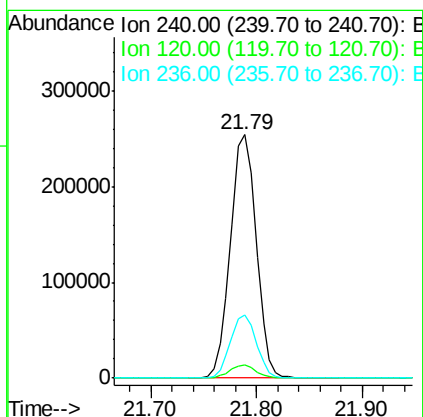
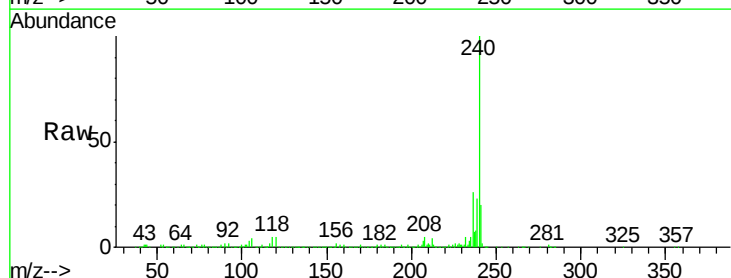
RT: 21.79 min Scan# 3183

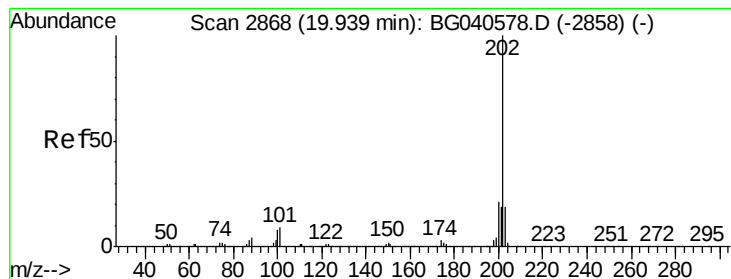
Delta R.T. -0.04 min

Lab File: BG040898.D

Acq: 12 May 2019 7:51

Tgt Ion:	240	Resp:	430355
Ion Ratio	Lower	Upper	
240	100		
120	5.5	5.0	7.6
236	26.1	20.3	30.5





#78

Pyrene

Concen: 4.088 ng

RT: 19.91 min Scan# 2864

Delta R.T. -0.02 min

Lab File: BG040898.D

Acq: 12 May 2019 7:51

Instrument :

BNA_G

ClientSampleId :

P026-SS012-1218-01

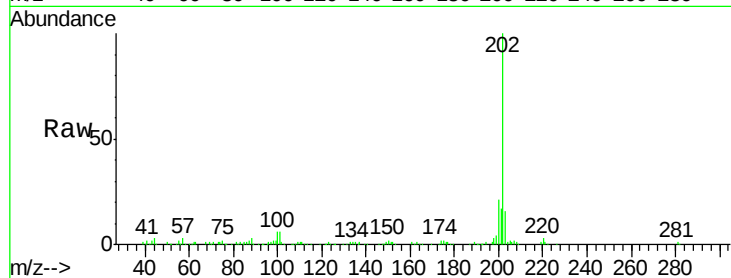
Tgt Ion:202 Resp: 110267

Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

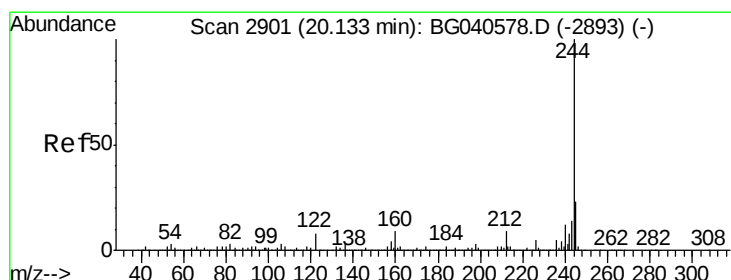
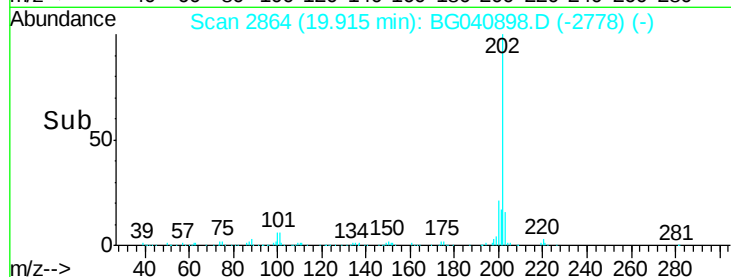
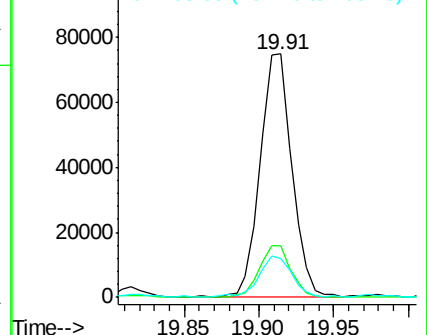
203 16.2 15.0 22.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 75.838 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040898.D

Acq: 12 May 2019 7:51

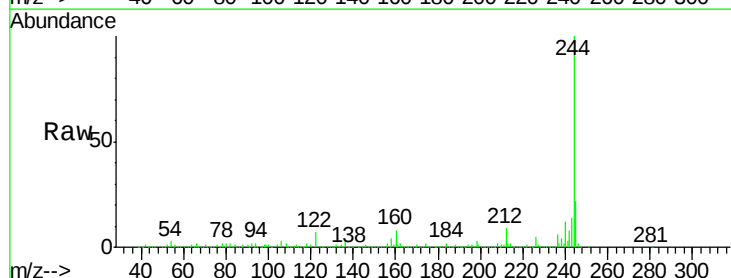
Tgt Ion:244 Resp: 1473186

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

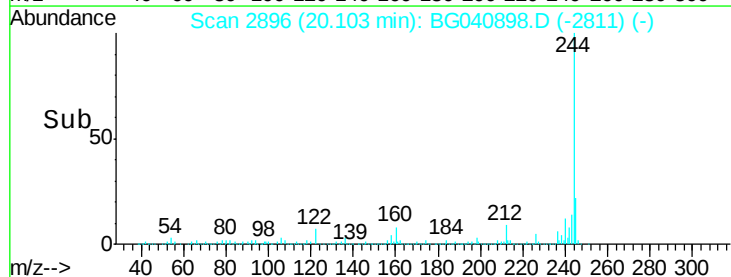
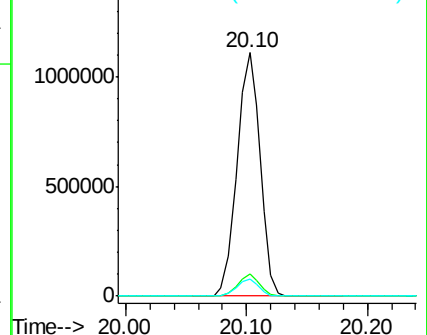
122 7.2 6.6 10.0

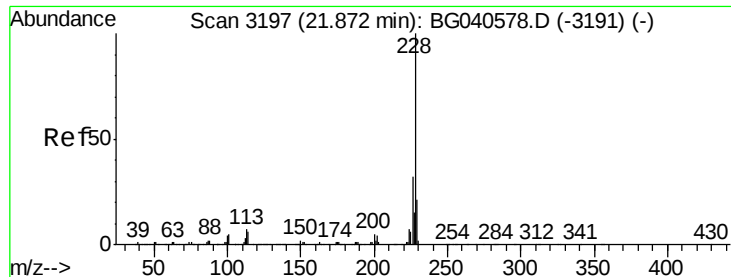


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Chrysene

Concen: 2.100 ng

RT: 21.84 min Scan# 3191

Delta R.T. -0.04 min

Lab File: BG040898.D

Acq: 12 May 2019 7:51

Instrument :

BNA_G

ClientSampleId :

P026-SS012-1218-01

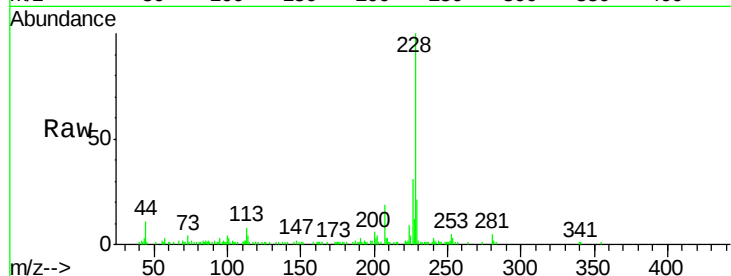
Tgt Ion:228 Resp: 54327

Ion Ratio Lower Upper

228 100

226 31.4 25.5 38.3

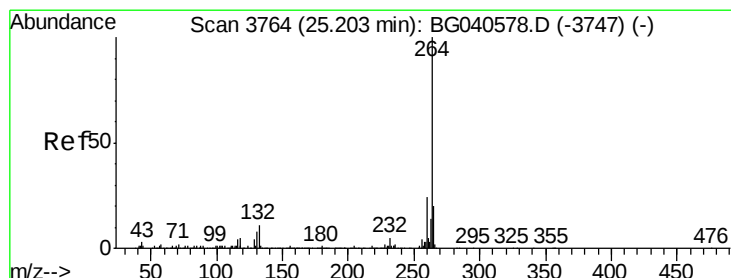
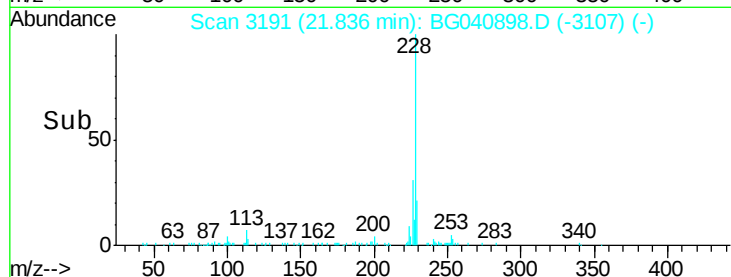
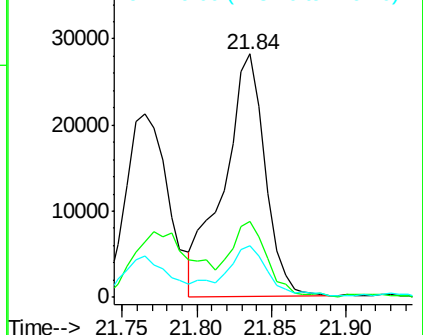
229 21.1 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.14 min Scan# 3753

Delta R.T. -0.07 min

Lab File: BG040898.D

Acq: 12 May 2019 7:51

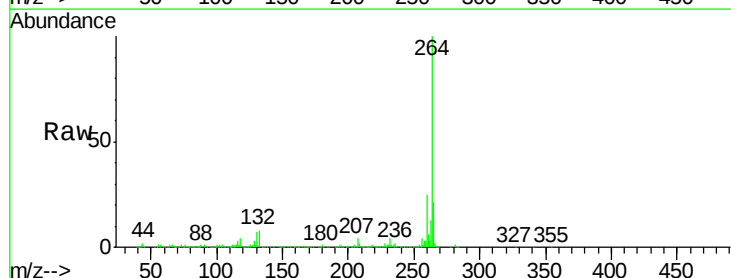
Tgt Ion:264 Resp: 472067

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 21.0 16.6 25.0



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

