

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042549.D
 Acq On : 29 Aug 2019 2:02
 Operator : HP/JU
 Sample : K4572-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200059-200035

Quant Time: Aug 29 07:54:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

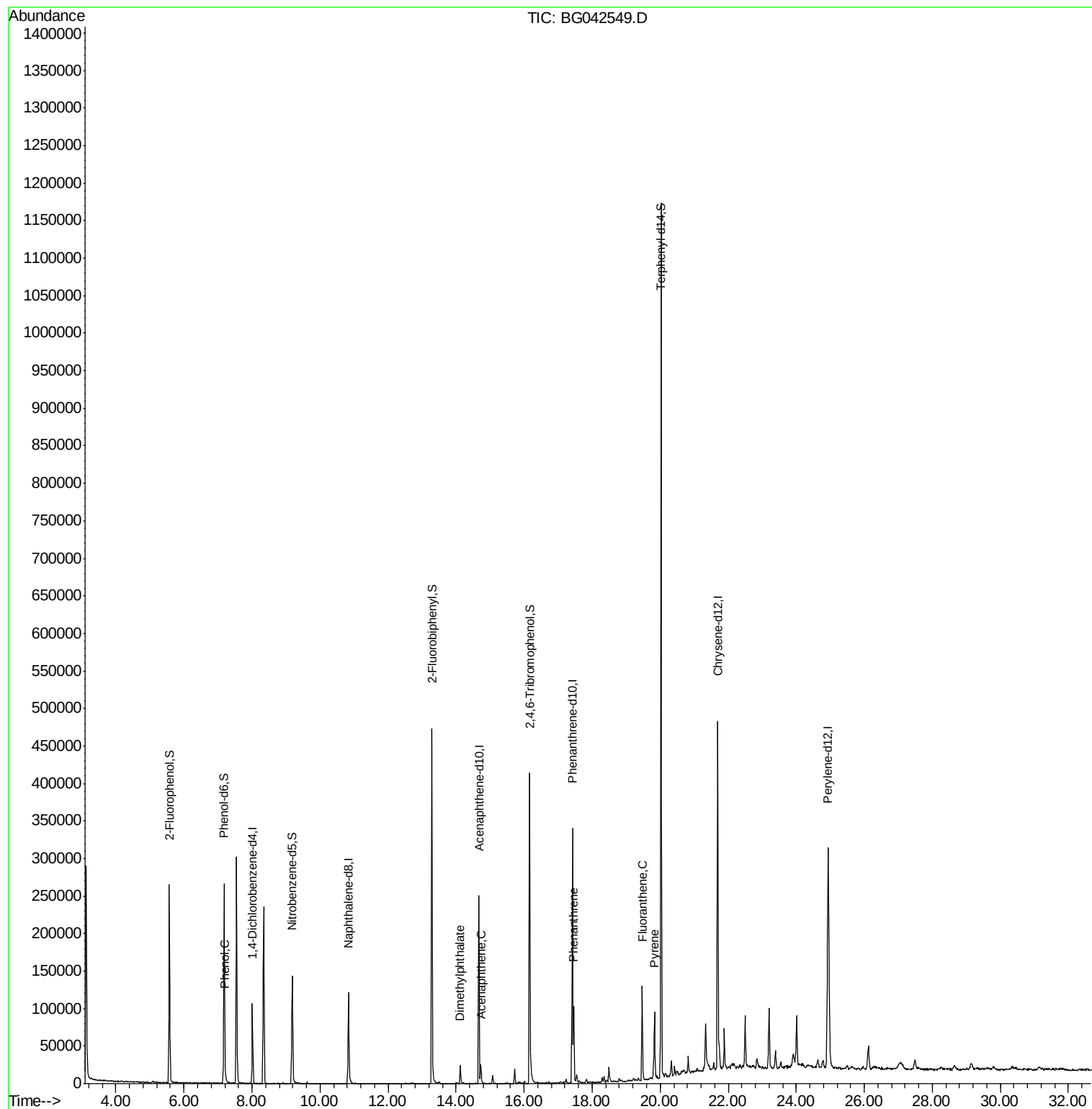
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	36531	20.00	ng	0.01
21) Naphthalene-d8	10.84	136	136411	20.00	ng	0.01
39) Acenaphthene-d10	14.67	164	100748	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	250236	20.00	ng	0.00
76) Chrysene-d12	21.69	240	294644	20.00	ng	0.00
87) Perylene-d12	24.93	264	344805	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	142077	78.77	ng	0.01
7) Phenol-d6	7.18	99	187754	77.06	ng	0.00
23) Nitrobenzene-d5	9.18	82	102550	51.95	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	120833	84.38	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	304512	51.12	ng	0.00
79) Terphenyl-d14	20.03	244	635293	46.61	ng	0.00
Target Compounds						
10) Phenol	7.21	94	9704	3.917	ng	92
50) Dimethylphthalate	14.12	163	26082	3.588	ng	# 98
52) Acenaphthene	14.73	154	11375	2.217	ng	90
71) Phenanthrene	17.46	178	71788	5.776	ng	99
75) Fluoranthene	19.47	202	91686	6.044	ng	97
78) Pyrene	19.83	202	66536	3.683	ng	96

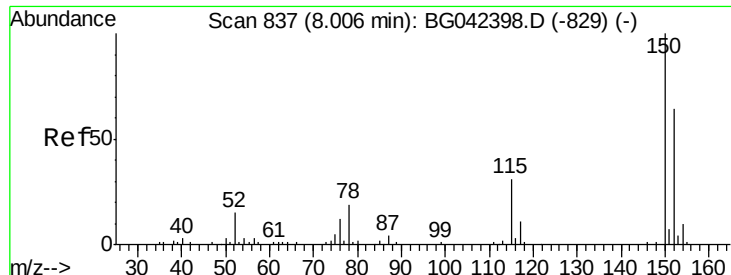
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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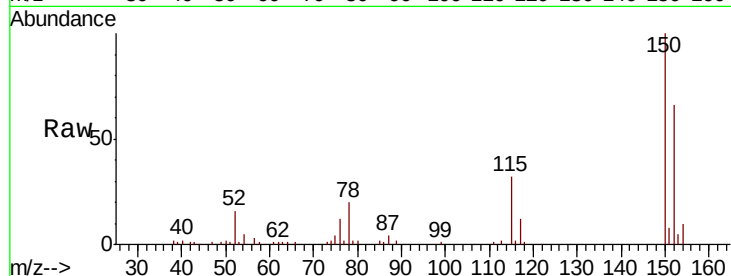


#1

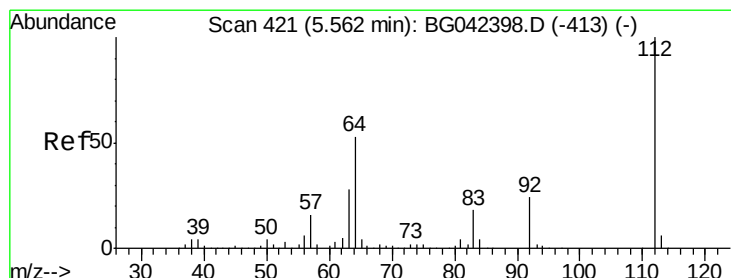
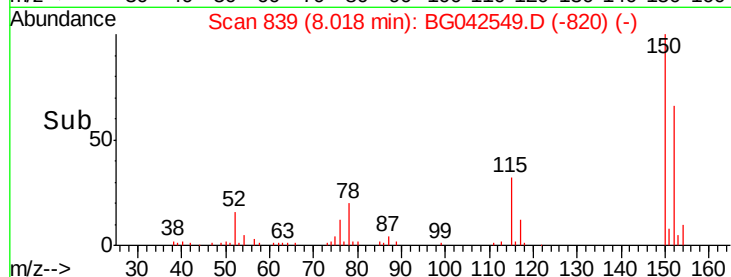
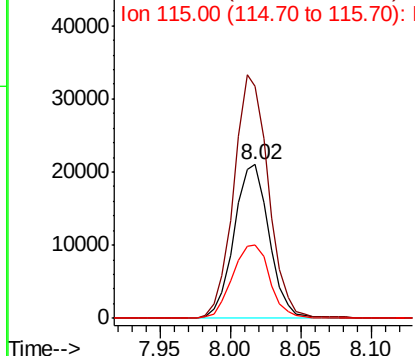
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. 0.01 min
Lab File: BG042549.D
Acq: 29 Aug 2019 2:02

Instrument :
BNA_G
ClientSampleId :
RBR-200059-200035

Tot Ion:152 Resp: 36531
Ion Ratio Lower Upper
152 100
150 150.5 125.4 188.0
115 48.0 38.5 57.7



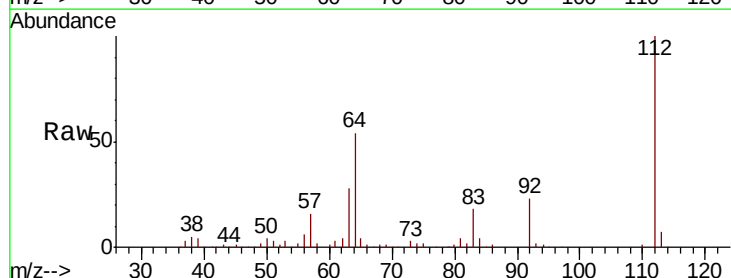
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



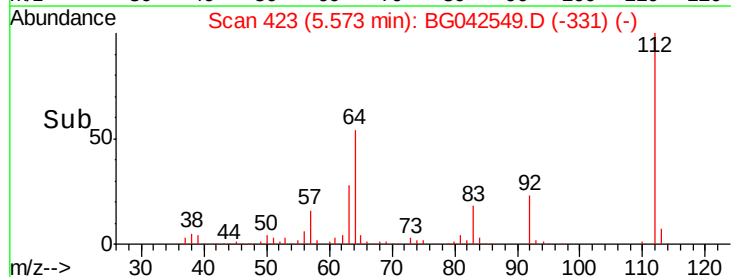
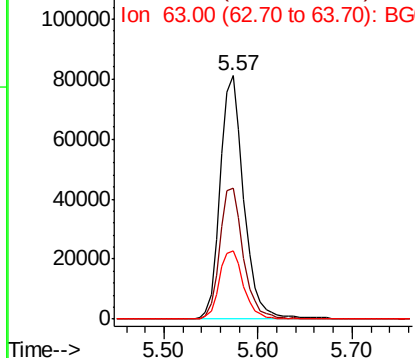
#5

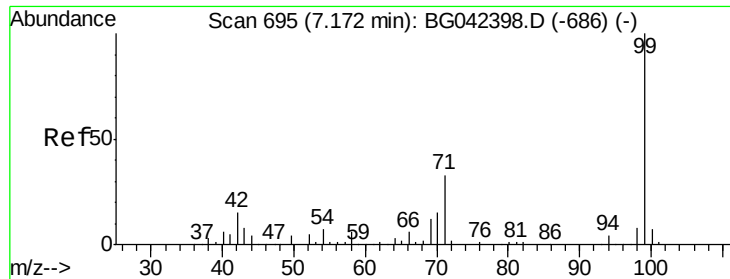
2-Fluorophenol
Concen: 78.768 ng
RT: 5.57 min Scan# 423
Delta R.T. 0.01 min
Lab File: BG042549.D
Acq: 29 Aug 2019 2:02

Tgt Ion:112 Resp: 142077
Ion Ratio Lower Upper
112 100
64 53.8 42.8 64.2
63 28.2 22.7 34.1



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: 77.061 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG042549.D

Acq: 29 Aug 2019 2:02

Instrument :

BNA_G

ClientSampleId :

RBR-200059-200035

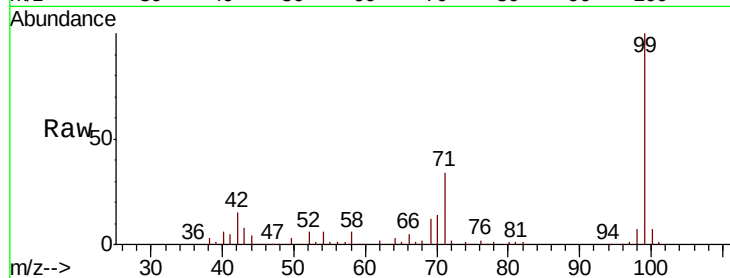
Tot Ion: 99 Resp: 187754

Ion Ratio Lower Upper

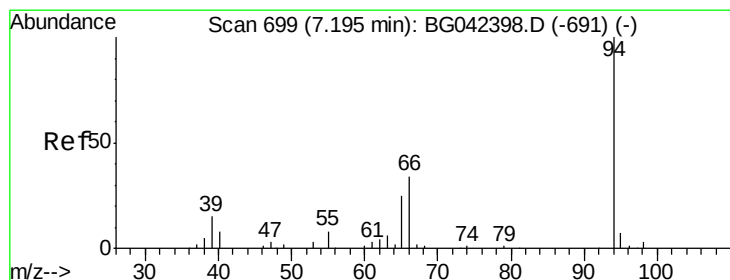
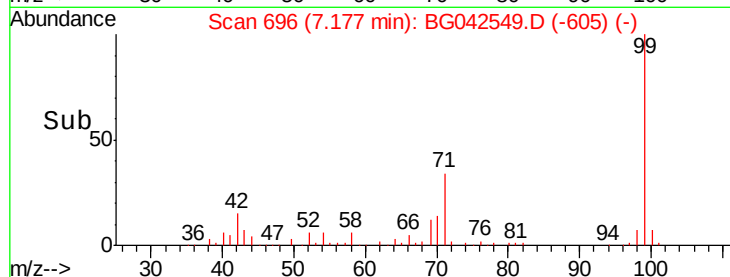
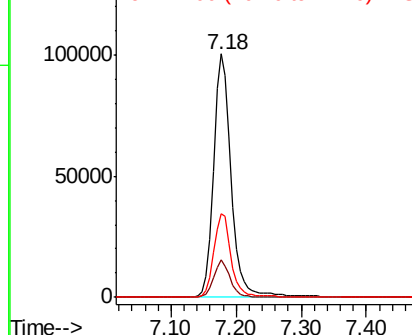
99 100

42 15.4 12.0 18.0

71 34.3 26.3 39.5



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



#10

Phenol

Concen: 3.917 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG042549.D

Acq: 29 Aug 2019 2:02

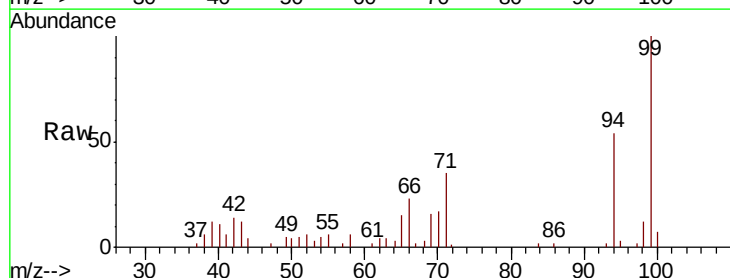
Tgt Ion: 94 Resp: 9704

Ion Ratio Lower Upper

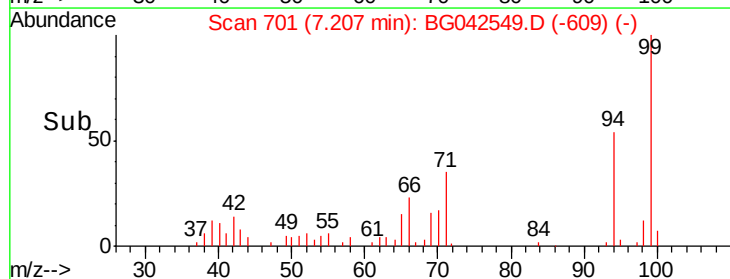
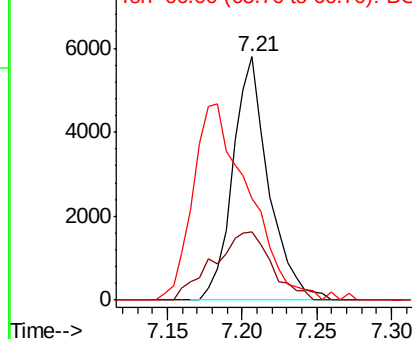
94 100

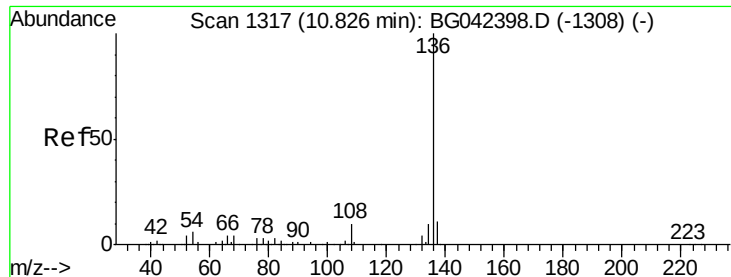
65 27.9 5.6 45.6

66 41.9 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

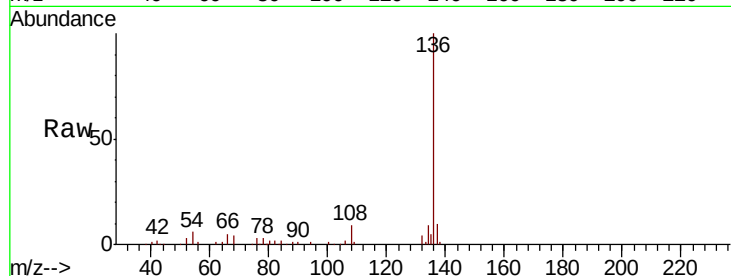




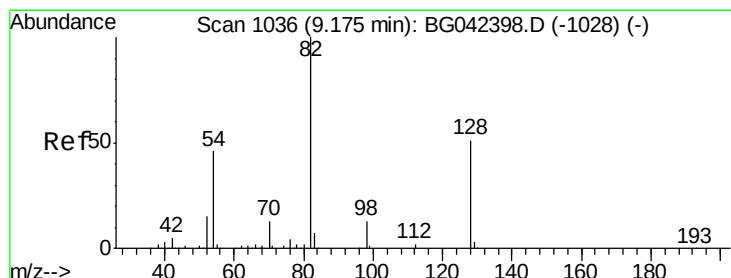
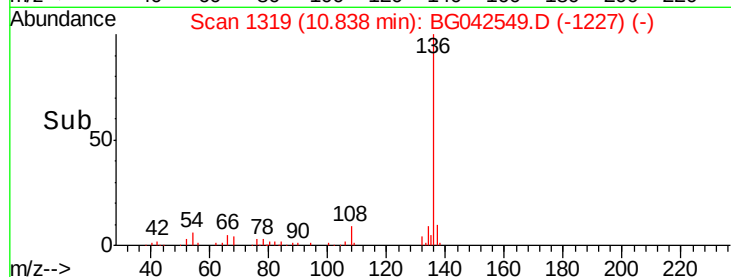
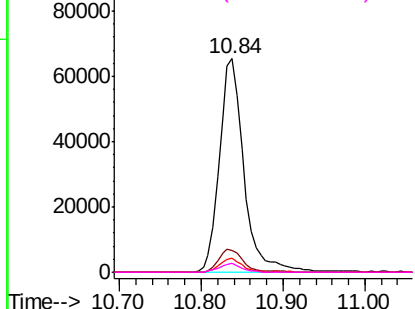
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BG042549.D
Acq: 29 Aug 2019 2:02

Instrument :
BNA_G
ClientSampleId :
RBR-200059-200035

Tot Ion:136	Resp:	136411
Ion	Ratio	Lower Upper
136	100	
137	10.3	8.7 13.1
54	6.5	4.9 7.3
68	4.3	3.6 5.4

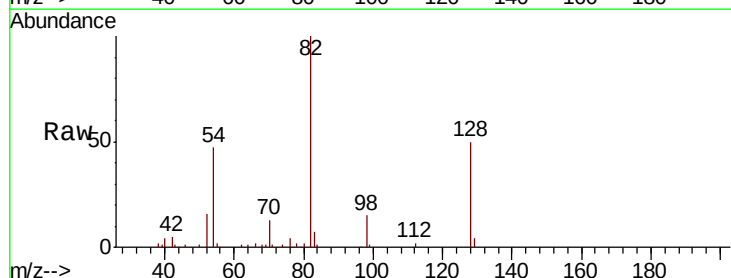


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

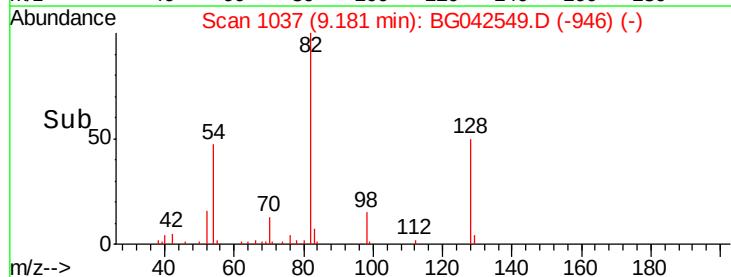
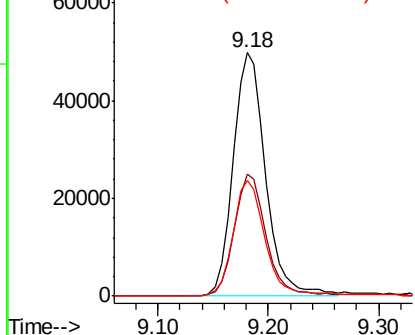


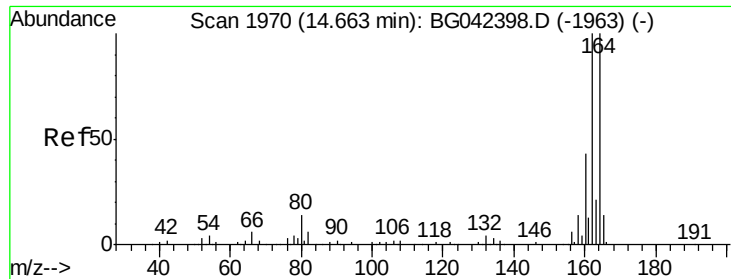
#23
Nitrobenzene-d5
Concen: 51.950 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BG042549.D
Acq: 29 Aug 2019 2:02

Tgt Ion: 82	Resp:	102550
Ion	Ratio	Lower Upper
82	100	
128	50.3	40.7 61.1
54	47.2	36.3 54.5



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. 0.01 min

Lab File: BG042549.D

Acq: 29 Aug 2019 2:02

Instrument :

BNA_G

ClientSampleId :

RBR-200059-200035

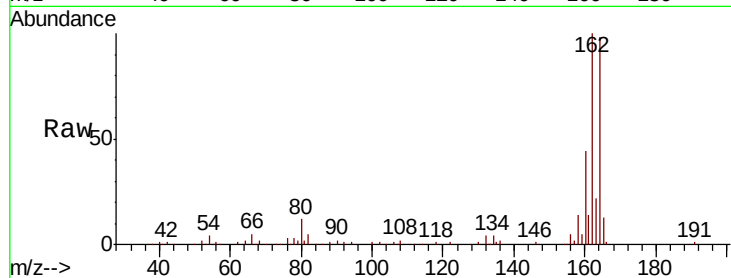
Tot Ion:164 Resp: 100748

Ion Ratio Lower Upper

164 100

162 101.9 79.9 119.9

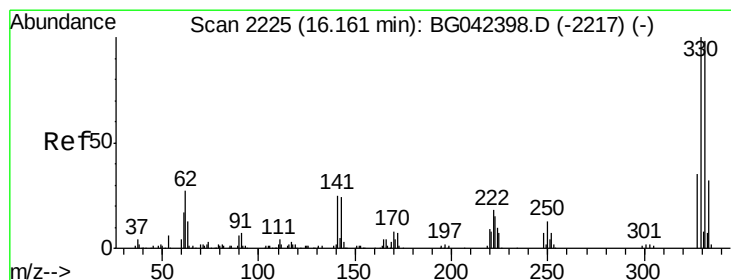
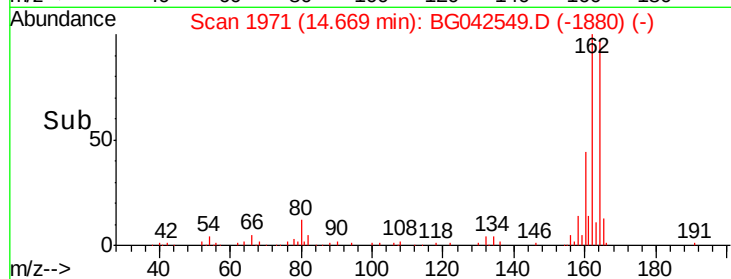
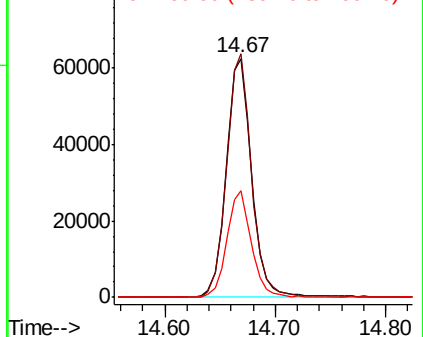
160 44.4 34.3 51.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 84.382 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BG042549.D

Acq: 29 Aug 2019 2:02

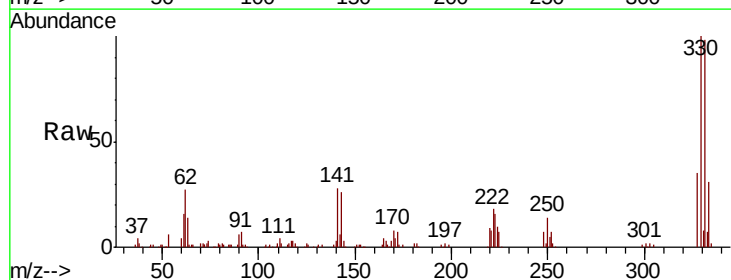
Tgt Ion:330 Resp: 120833

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

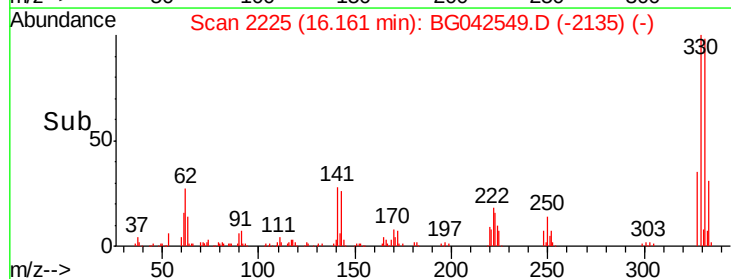
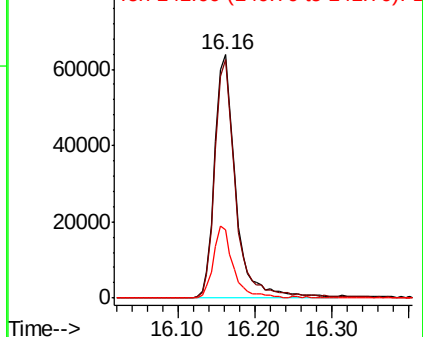
141 27.5 21.4 32.0

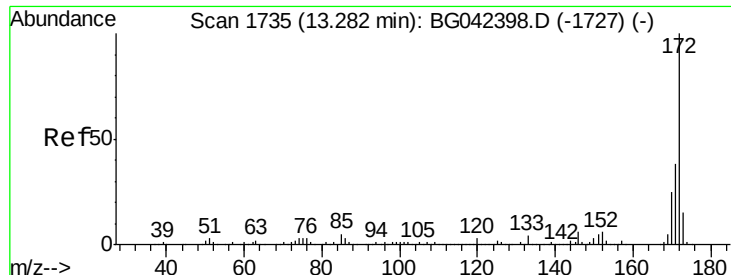


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

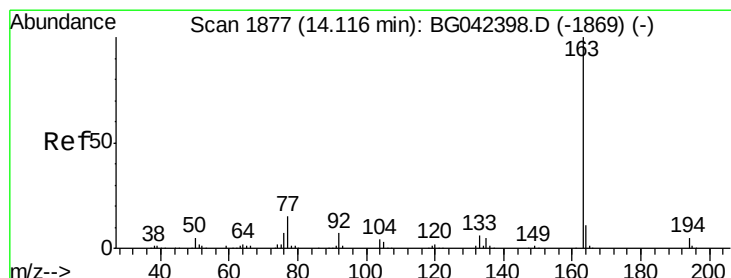
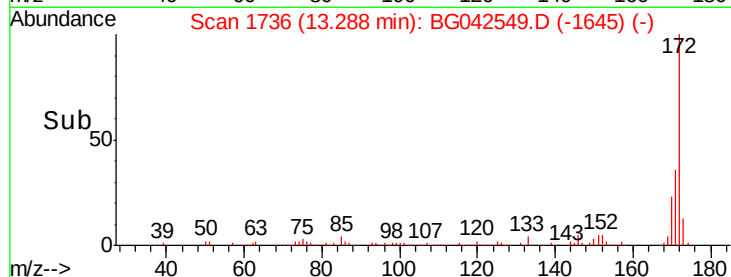
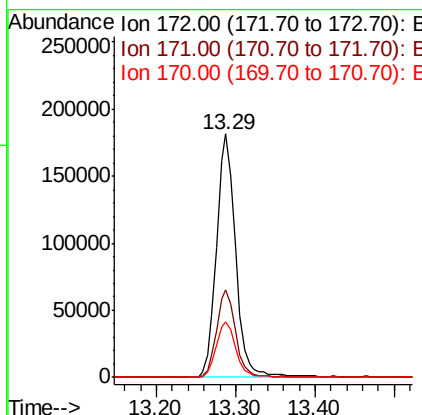
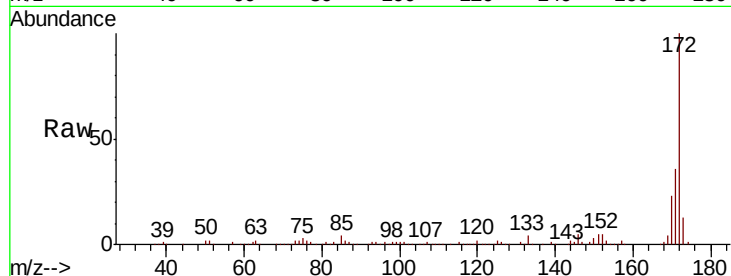




#45
 2-Fluorobiphenyl
 Concen: 51.119 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.01 min
 Lab File: BG042549.D
 Acq: 29 Aug 2019 2:02

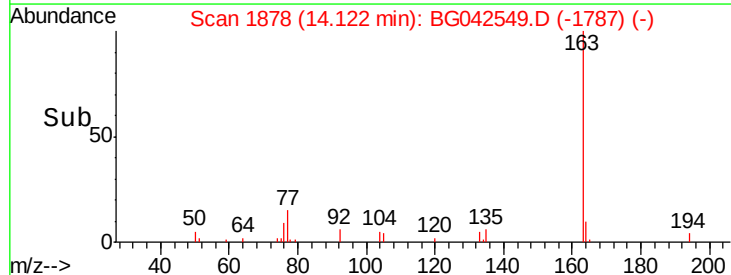
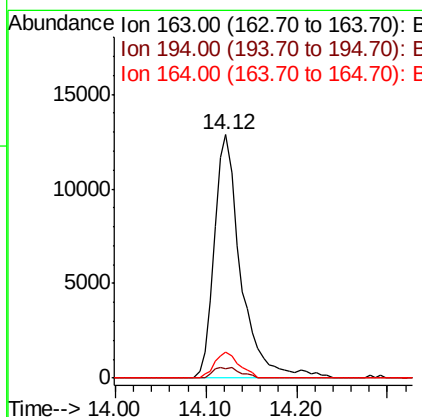
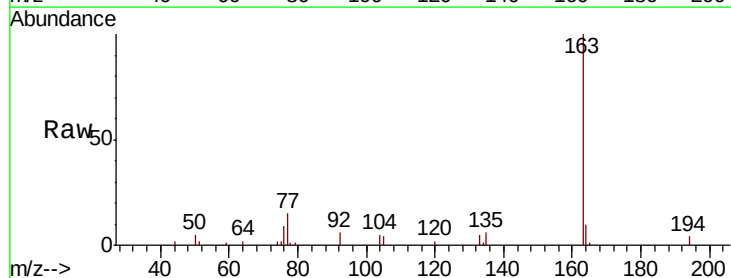
Instrument :
 BNA_G
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 RBR-200059-200035

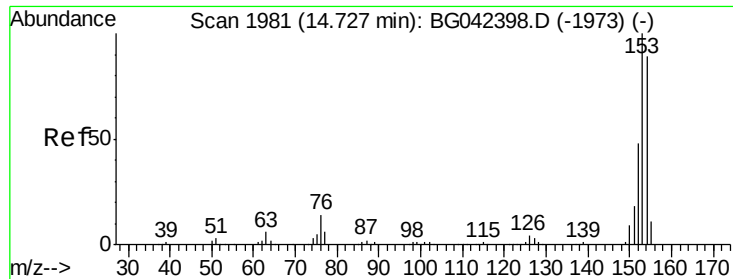
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.5	45.7
170	22.6	20.2	30.2



#50
 Dimethylphthalate
 Concen: 3.588 ng
 RT: 14.12 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: BG042549.D
 Acq: 29 Aug 2019 2:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	4.2	6.2#
164	10.4	8.8	13.2





#52

Acenaphthene

Concen: 2.217 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BG042549.D

Acq: 29 Aug 2019 2:02

Instrument :

BNA_G

ClientSampleId :

RBR-200059-200035

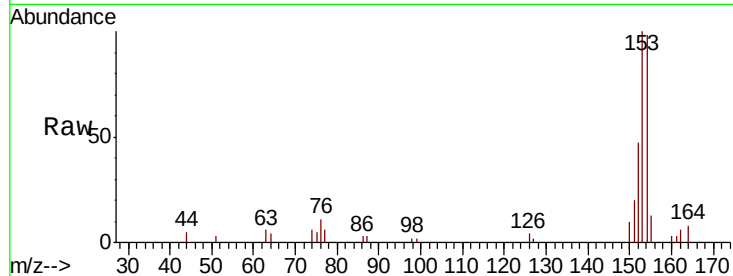
Tot Ion:154 Resp: 11375

Ion Ratio Lower Upper

154 100

153 101.5 90.2 135.4

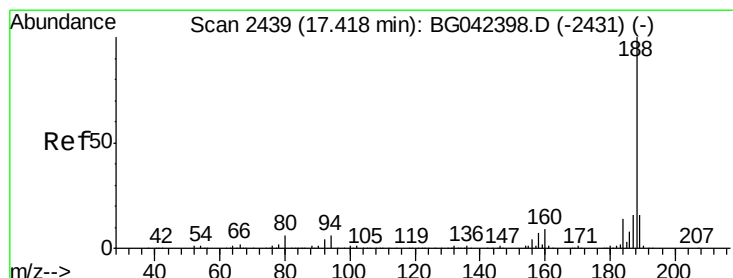
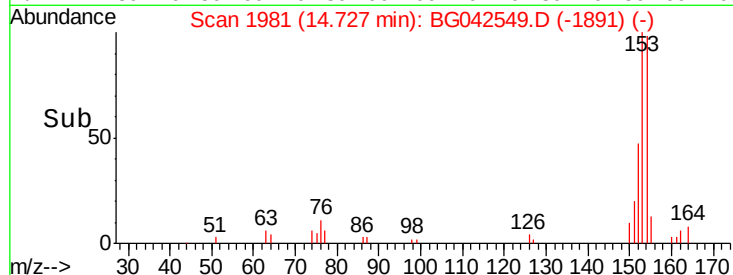
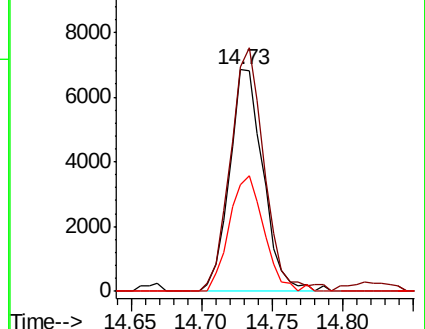
152 48.0 43.2 64.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG042549.D

Acq: 29 Aug 2019 2:02

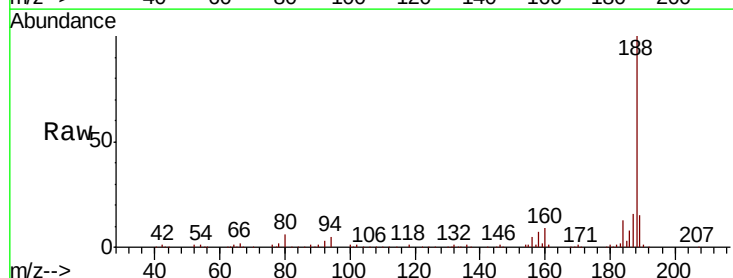
Tgt Ion:188 Resp: 250236

Ion Ratio Lower Upper

188 100

94 5.5 4.5 6.7

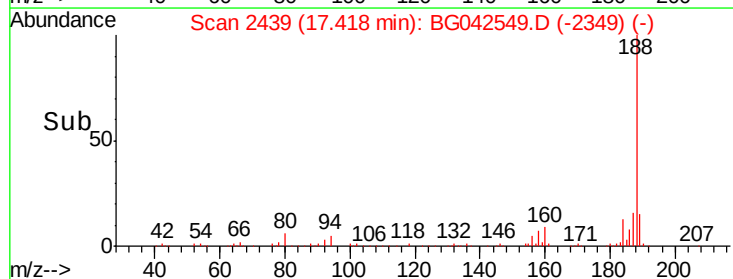
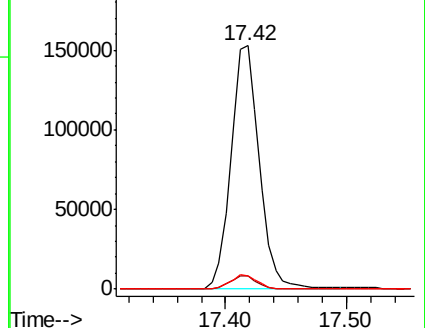
80 5.7 4.9 7.3

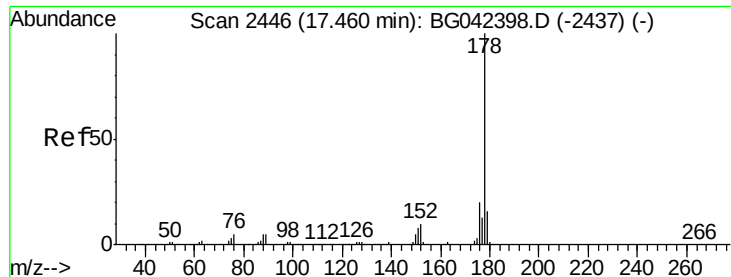


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#71

Phenanthrene

Concen: 5.776 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG042549.D

Acq: 29 Aug 2019 2:02

Instrument :

BNA_G

ClientSampleId :

RBR-200059-200035

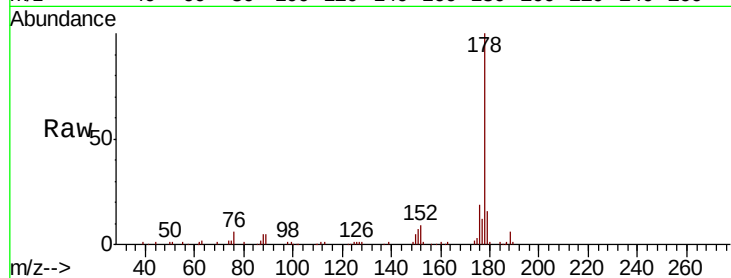
Tot Ion:178 Resp: 71788

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

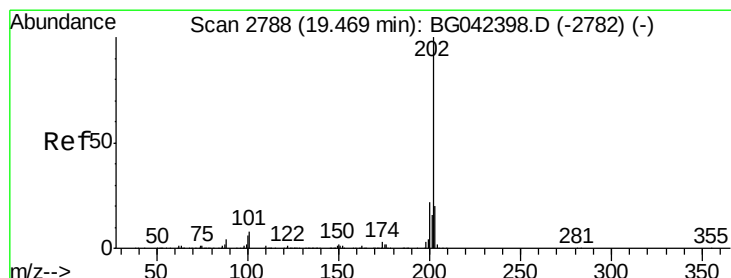
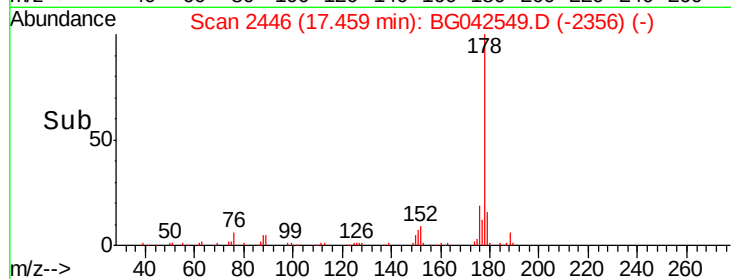
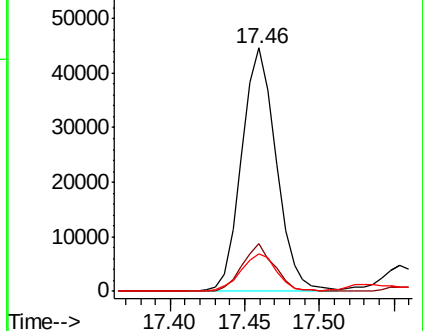
179 15.6 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 6.044 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042549.D

Acq: 29 Aug 2019 2:02

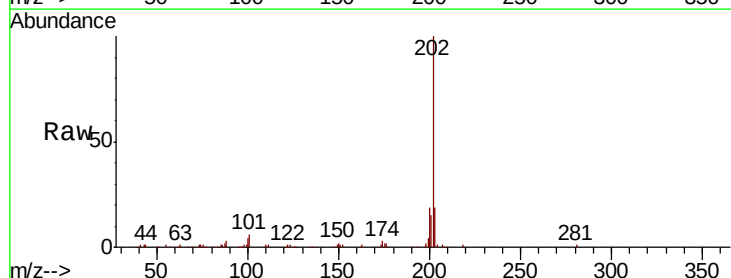
Tgt Ion:202 Resp: 91686

Ion Ratio Lower Upper

202 100

101 6.3 0.0 28.3

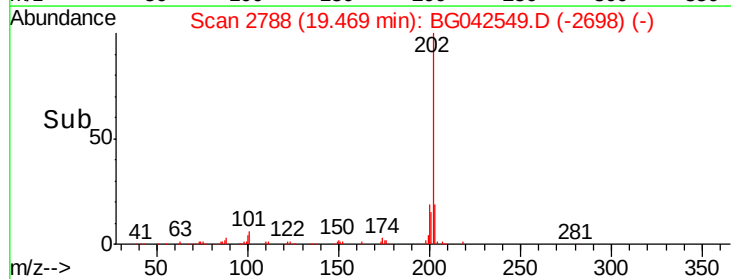
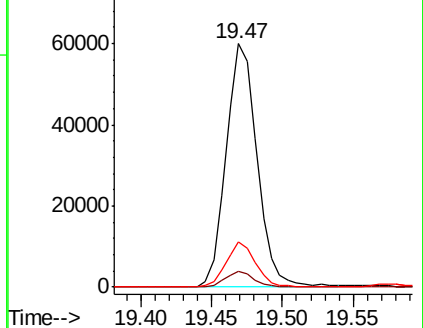
203 18.8 0.0 39.6

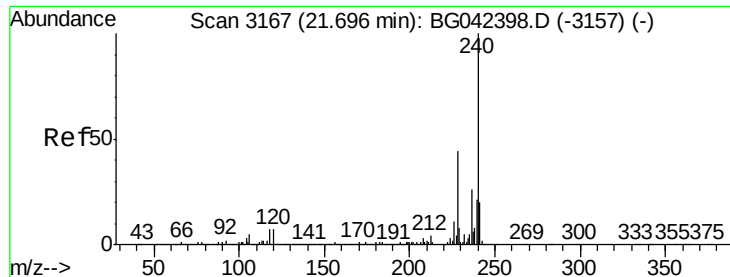


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

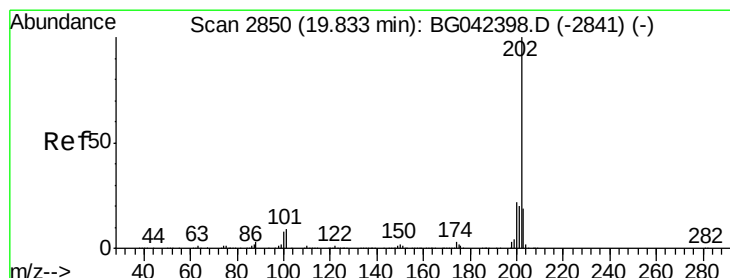
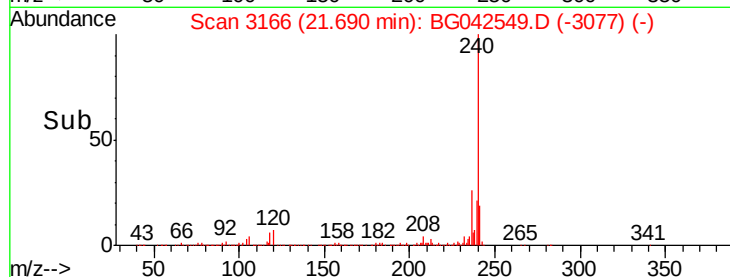
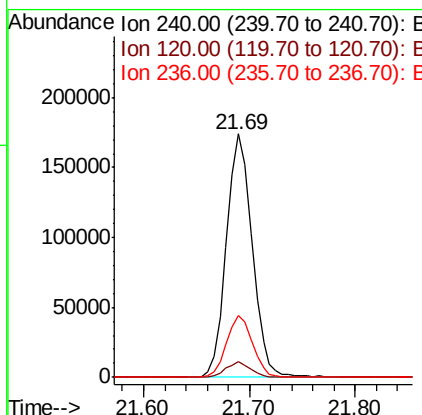
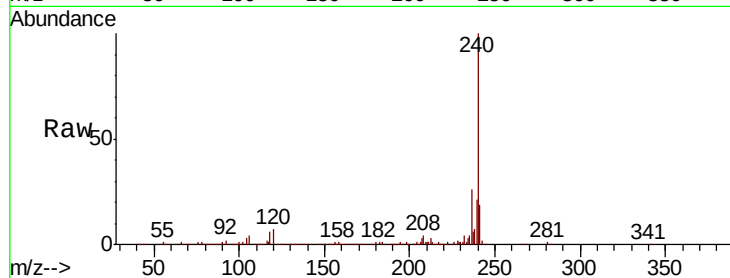




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042549.D
Acq: 29 Aug 2019 2:02

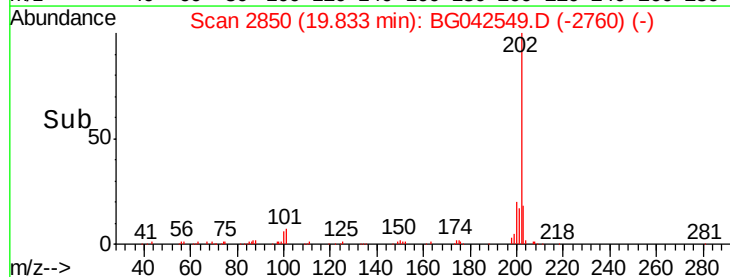
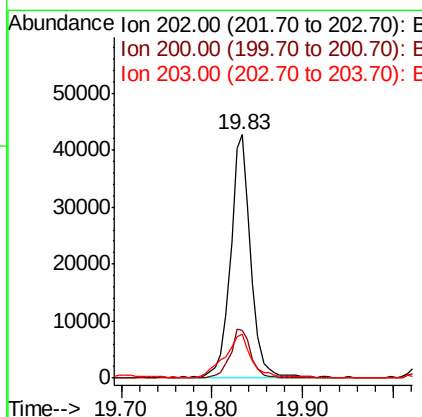
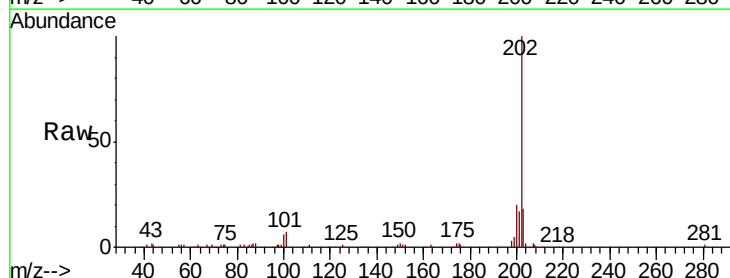
Instrument :
BNA_G
ClientSampleId :
RBR-200059-200035

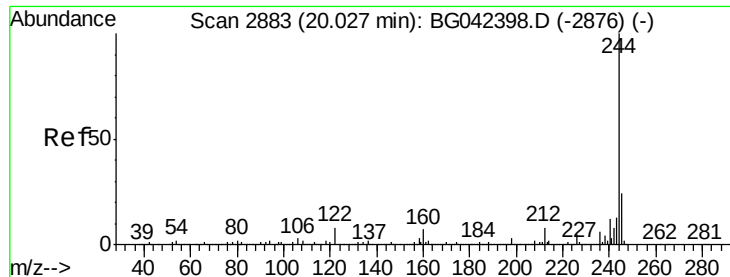
Tot Ion:240 Resp: 294644
Ion Ratio Lower Upper
240 100
120 6.6 5.7 8.5
236 25.6 21.0 31.4



#78
Pyrene
Concen: 3.683 ng
RT: 19.83 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BG042549.D
Acq: 29 Aug 2019 2:02

Tgt Ion:202 Resp: 66536
Ion Ratio Lower Upper
202 100
200 19.7 17.8 26.6
203 18.0 15.5 23.3





#79

Terphenyl-d14

Concen: 46.614 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042549.D

Acq: 29 Aug 2019 2:02

Instrument :

BNA_G

ClientSampleId :

RBR-200059-200035

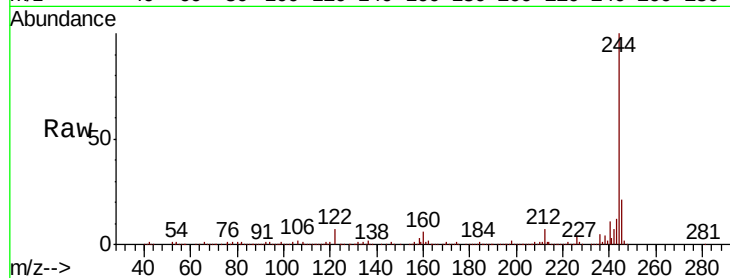
Tot Ion:244 Resp: 635293

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

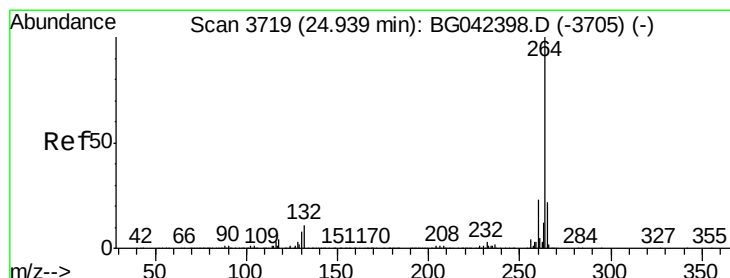
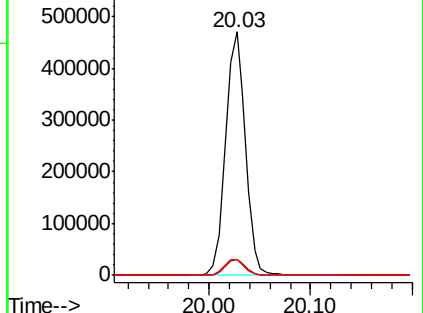
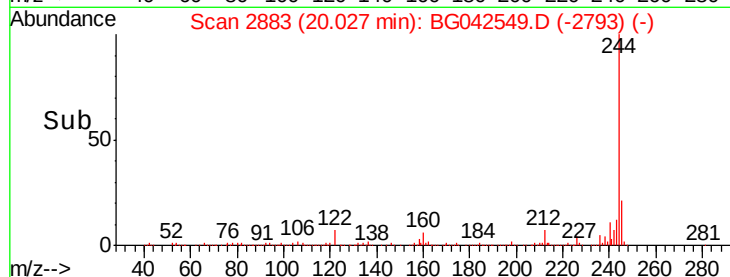
122 6.5 6.7 10.1#



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: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042549.D

Acq: 29 Aug 2019 2:02

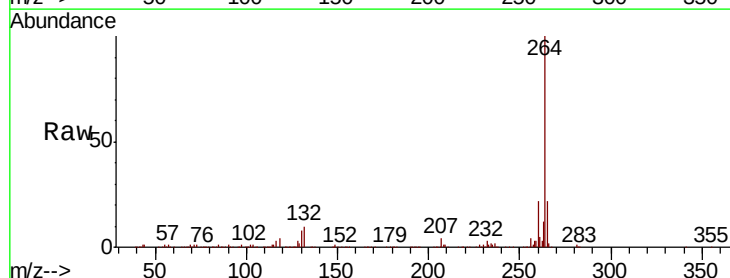
Tgt Ion:264 Resp: 344805

Ion Ratio Lower Upper

264 100

260 22.2 18.5 27.7

265 21.9 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

