

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
 Data File : BG043436.D
 Acq On : 31 Oct 2019 16:27
 Operator : JU
 Sample : K5497-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 169-32-(0-1)

Quant Time: Nov 01 04:58:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

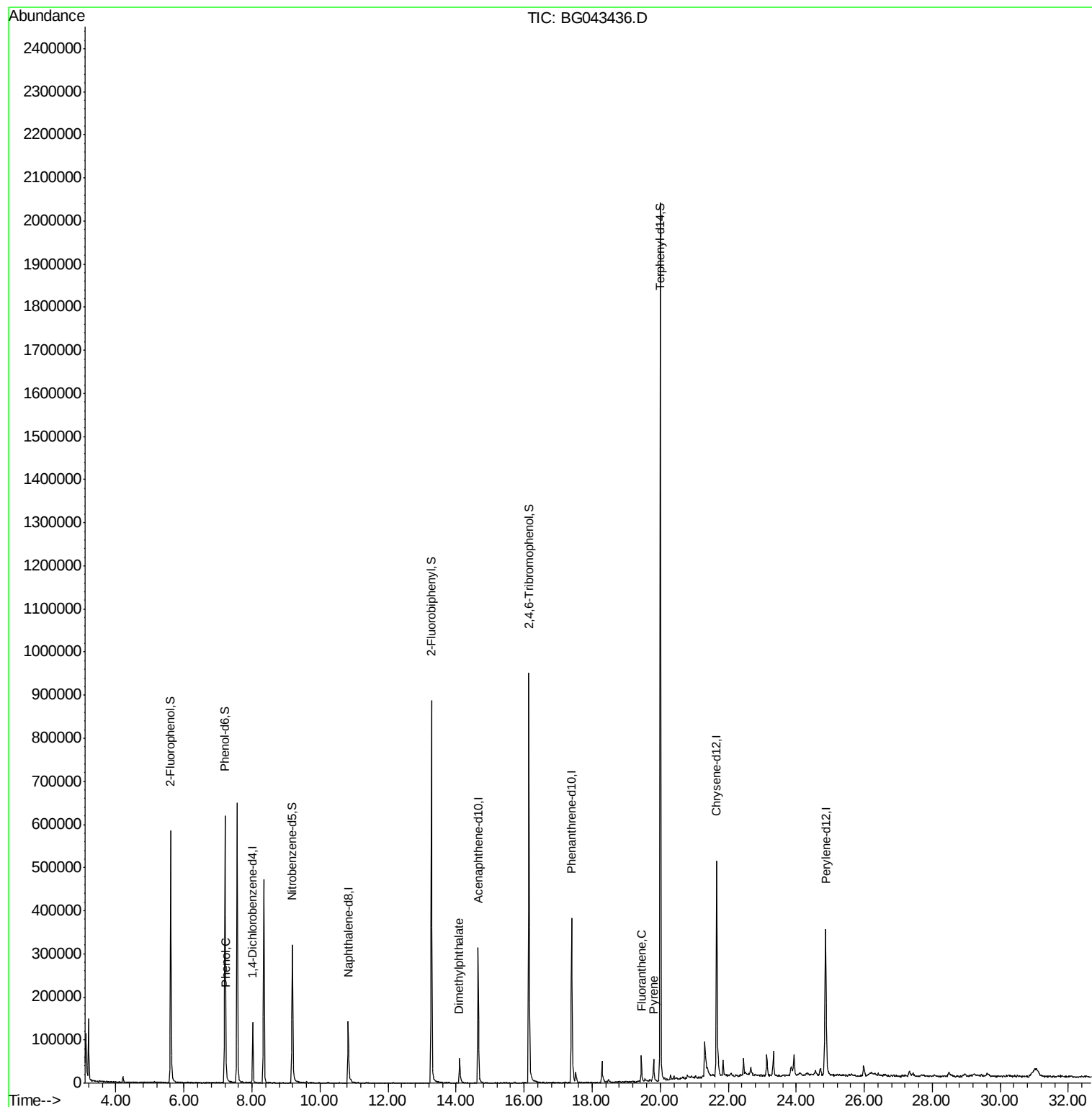
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	43548	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	157403	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	118040	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	287486	20.00	ng	0.00
76) Chrysene-d12	21.66	240	329305	20.00	ng	0.00
87) Perylene-d12	24.86	264	390517	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	271026	114.04	ng	0.00
7) Phenol-d6	7.21	99	391387	114.47	ng	0.00
23) Nitrobenzene-d5	9.19	82	233704	76.55	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	248225	110.50	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	548436	64.20	ng	0.00
79) Terphenyl-d14	20.00	244	1047206	59.66	ng	0.00
Target Compounds						
10) Phenol	7.24	94	8711	2.788	ng	81
50) Dimethylphthalate	14.10	163	60168	6.581	ng	99
75) Fluoranthene	19.45	202	44394	2.313	ng	96
78) Pyrene	19.81	202	41711	2.046	ng	96

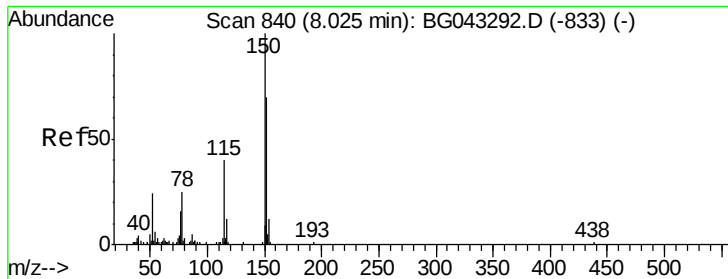
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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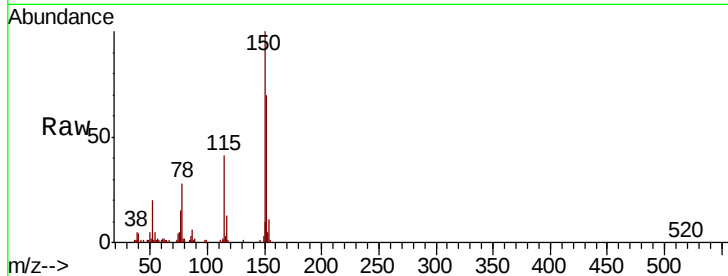


#1

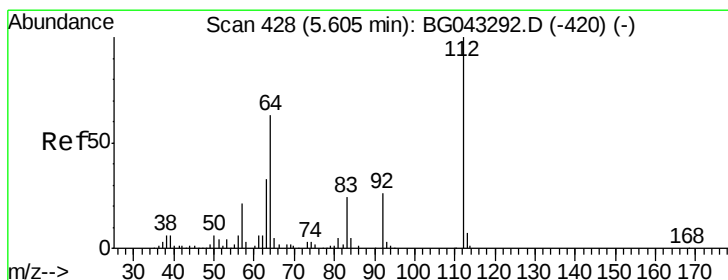
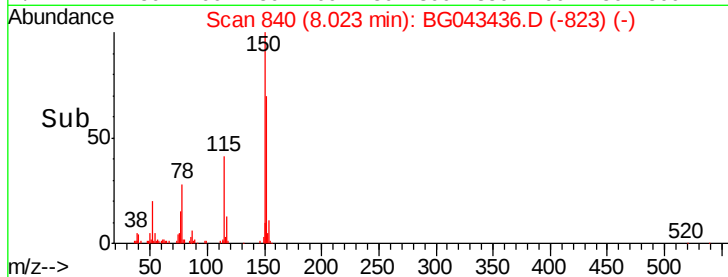
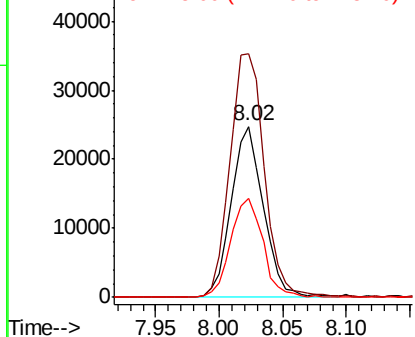
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Instrument :
BNA_G
ClientSampleId :
169-32-(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.4	113.6	170.4
115	57.8	45.9	68.9



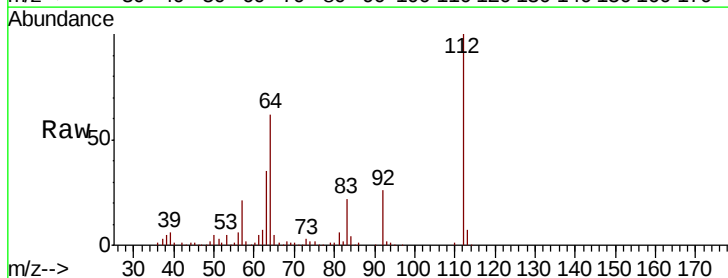
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



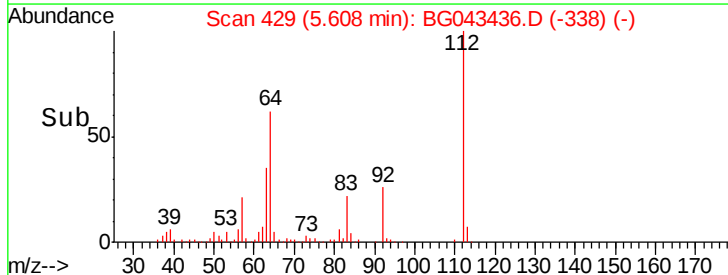
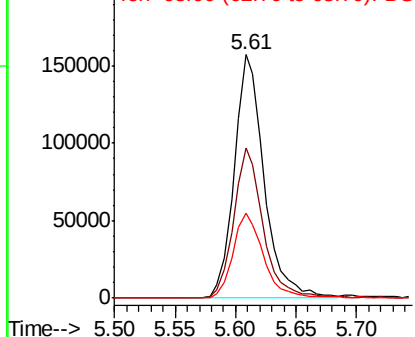
#5

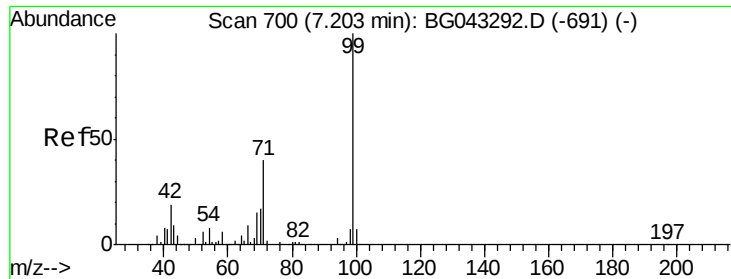
2-Fluorophenol
Concen: 114.044 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	50.2	75.2
63	34.6	26.7	40.1



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: 114.467 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043436.D

Acq: 31 Oct 2019 16:27

Instrument :

BNA_G

ClientSampled :

169-32-(0-1)

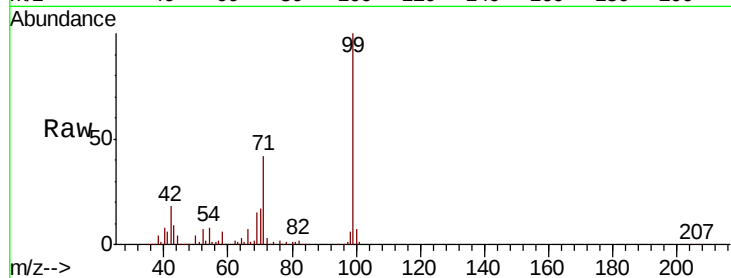
Tot Ion: 99 Resp: 391387

Ion Ratio Lower Upper

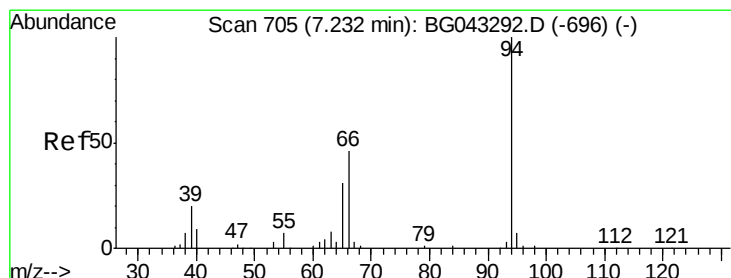
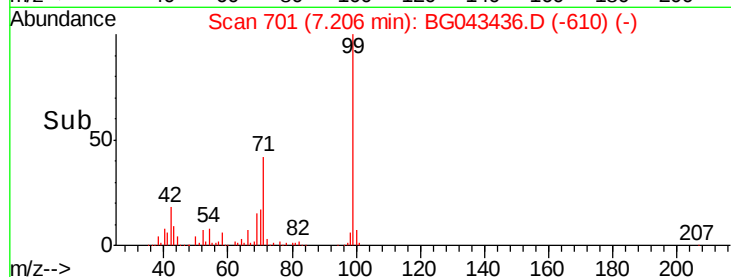
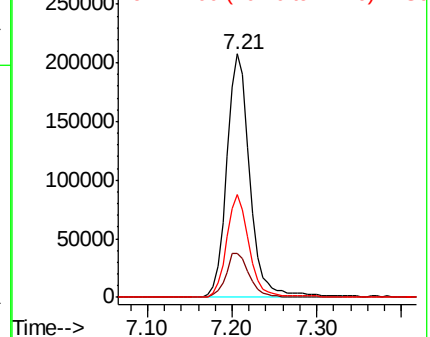
99 100

42 18.0 14.9 22.3

71 42.1 32.2 48.2



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: 2.788 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043436.D

Acq: 31 Oct 2019 16:27

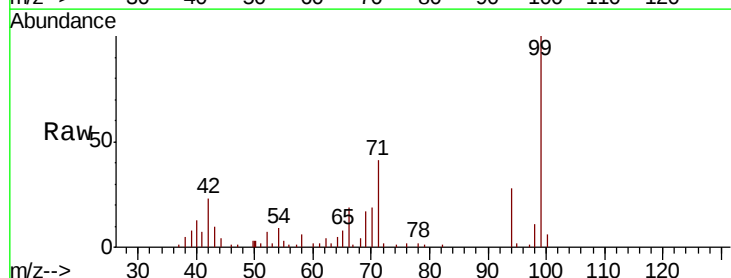
Tgt Ion: 94 Resp: 8711

Ion Ratio Lower Upper

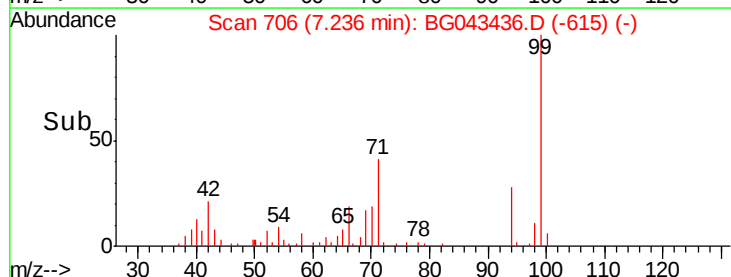
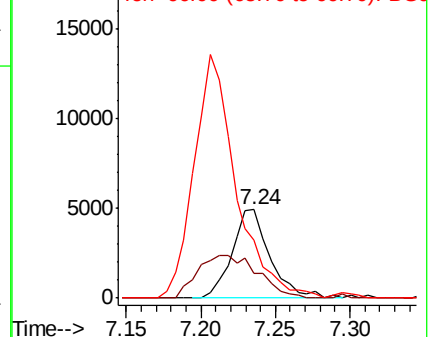
94 100

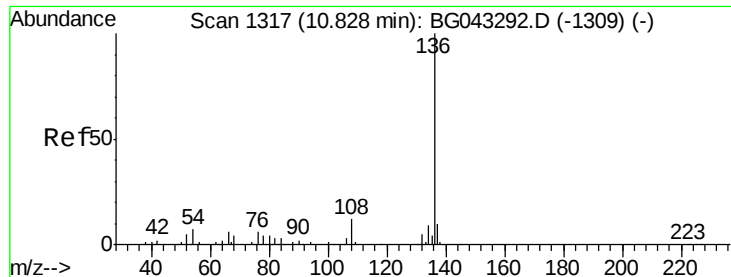
65 27.6 11.1 51.1

66 66.1 27.8 67.8



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

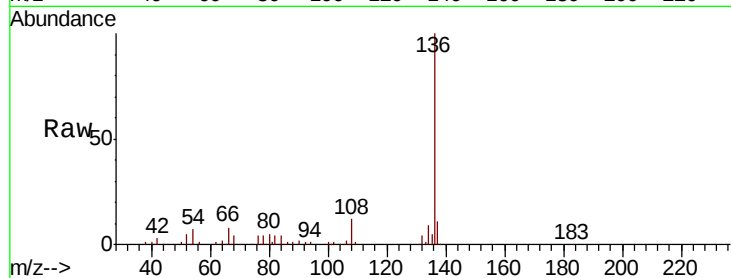




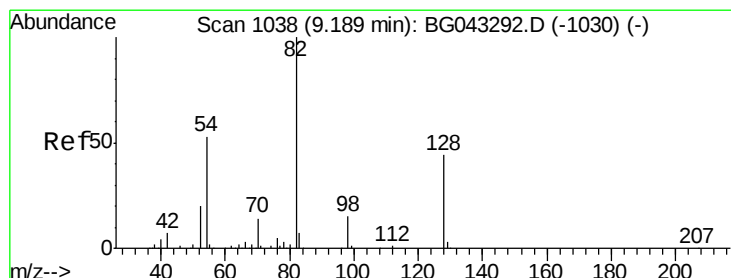
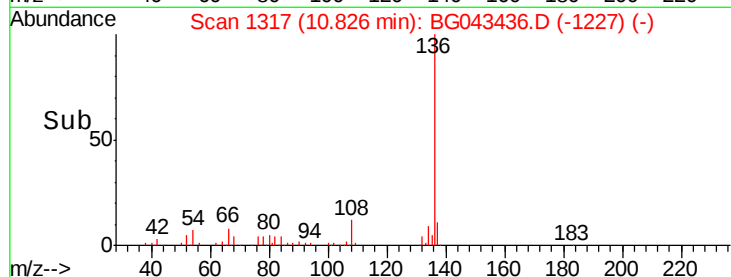
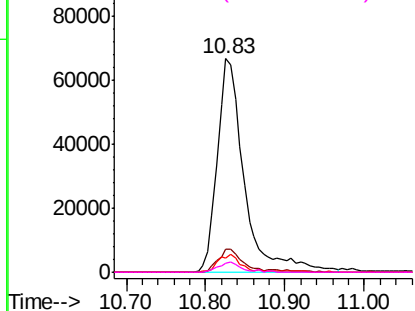
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Instrument :
BNA_G
ClientSampleId :
169-32-(0-1)

Tot Ion:136	Resp:	157403
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.2 12.2
54	6.8	5.4 8.2
68	4.2	3.3 4.9

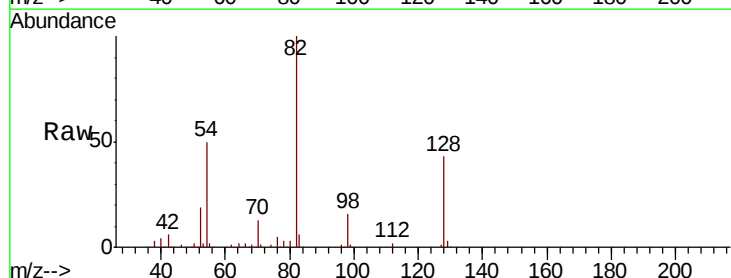


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

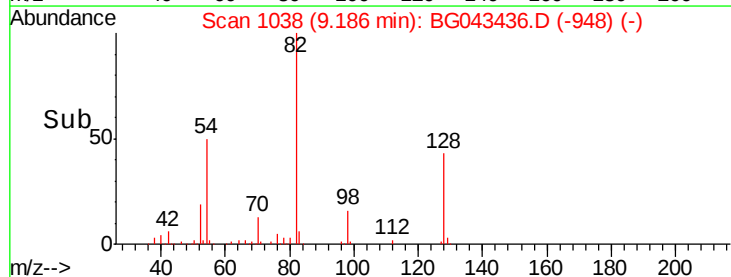
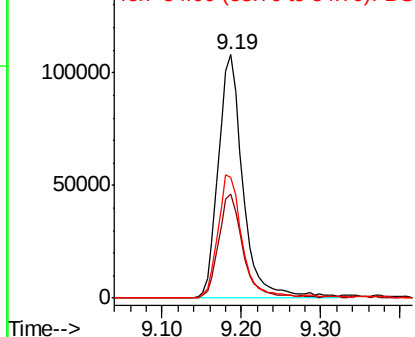


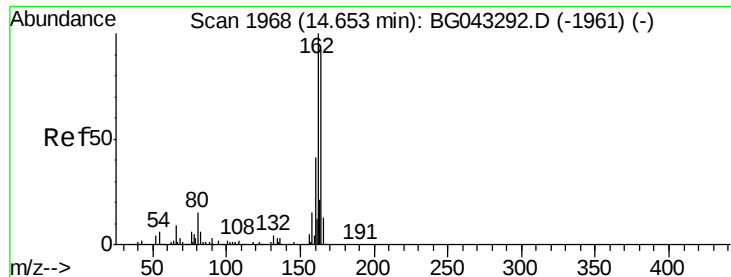
#23
Nitrobenzene-d5
Concen: 76.546 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Tgt Ion: 82	Resp:	233704
Ion	Ratio	Lower Upper
82	100	
128	42.5	35.3 52.9
54	49.7	42.3 63.5



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: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043436.D

Acq: 31 Oct 2019 16:27

Instrument :

BNA_G

ClientSampleId :

169-32-(0-1)

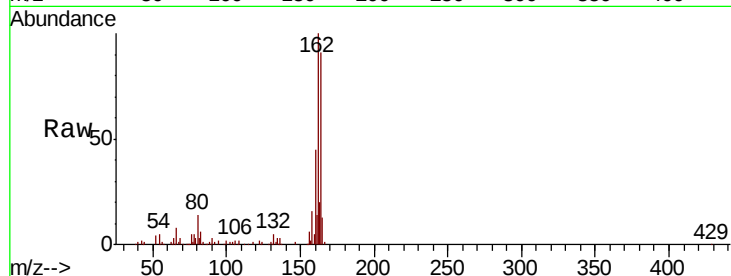
Tot Ion:164 Resp: 118040

Ion Ratio Lower Upper

164 100

162 109.7 87.0 130.4

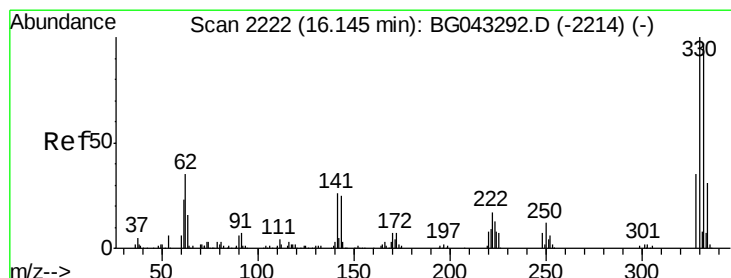
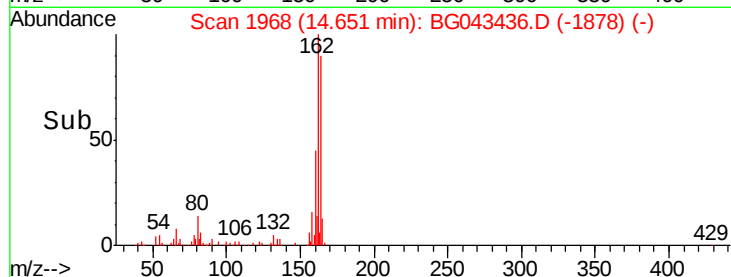
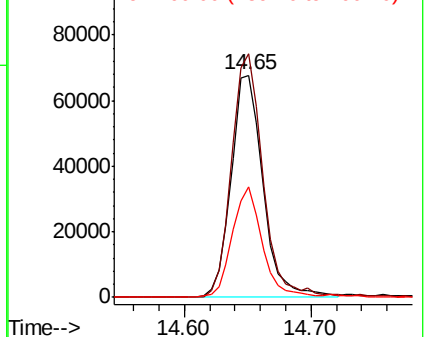
160 49.9 35.5 53.3



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: 110.504 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043436.D

Acq: 31 Oct 2019 16:27

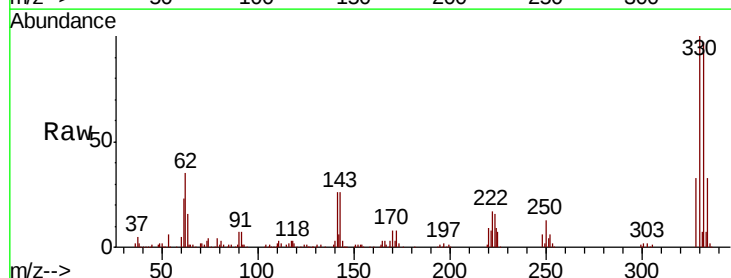
Tgt Ion:330 Resp: 248225

Ion Ratio Lower Upper

330 100

332 96.9 76.4 114.6

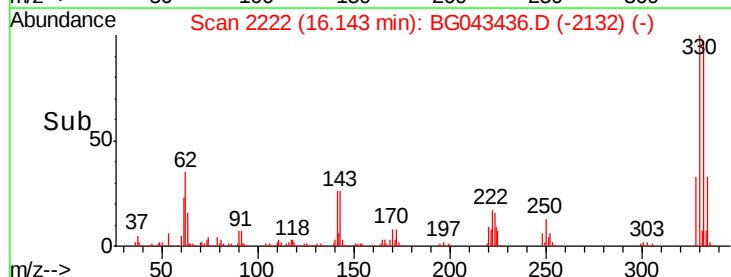
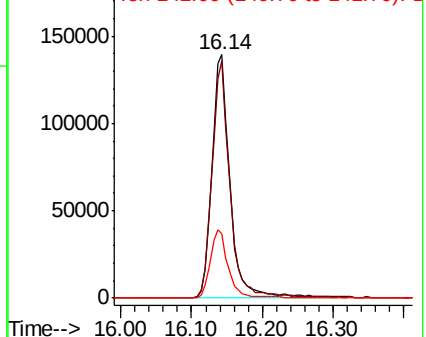
141 27.8 21.4 32.0

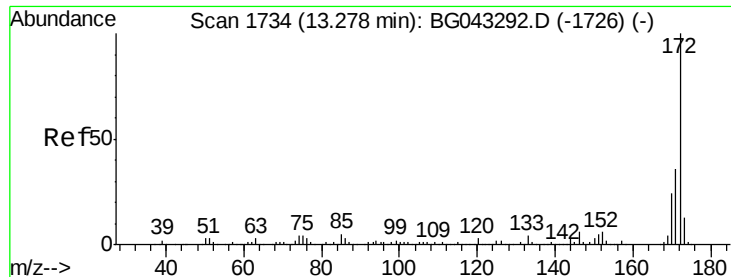


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

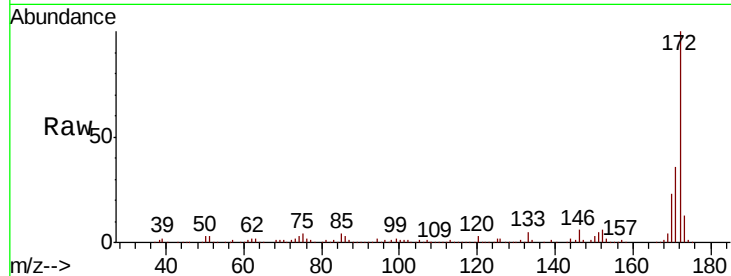




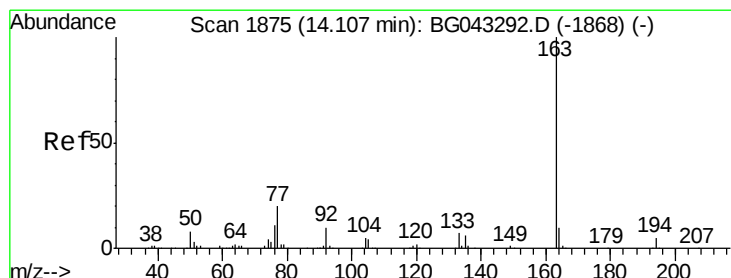
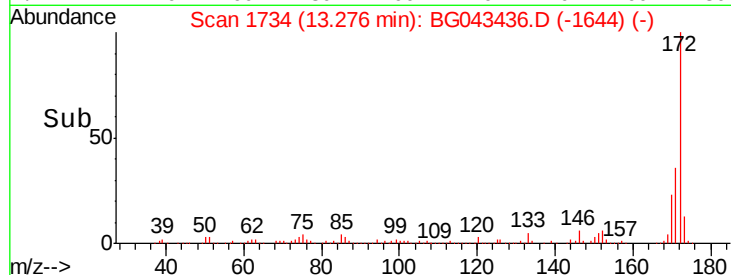
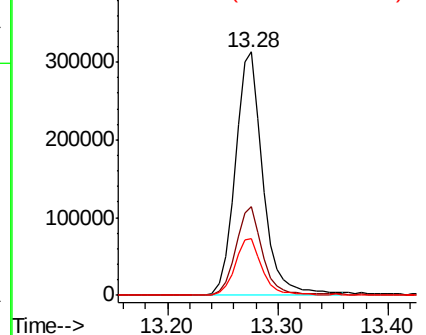
#45
2-Fluorobiphenyl
Concen: 64.201 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Instrument :
BNA_G
ClientSampleId :
169-32-(0-1)

Tot Ion:172 Resp: 548436
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 23.1 18.8 28.2

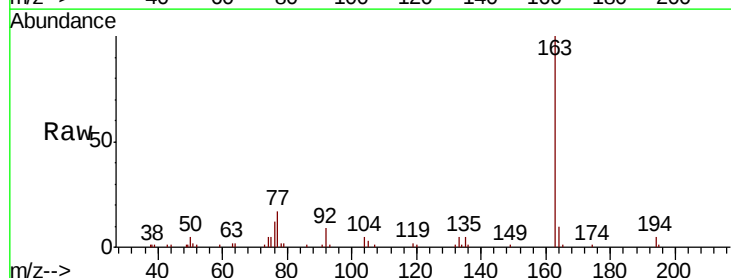


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

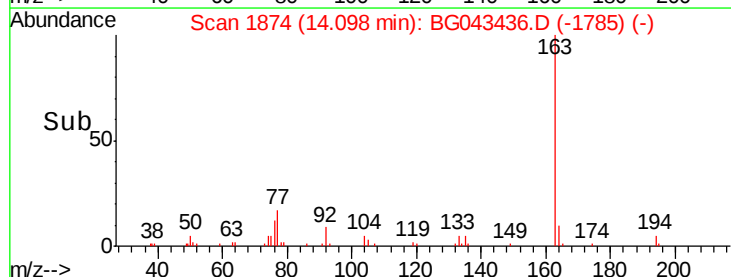
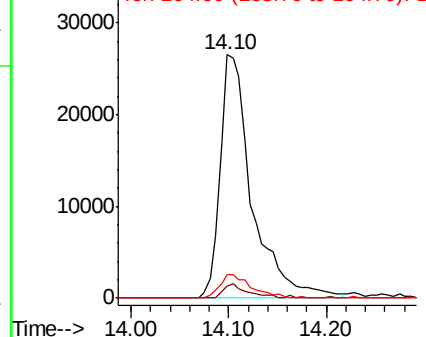


#50
Dimethylphthalate
Concen: 6.581 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043436.D
Acq: 31 Oct 2019 16:27

Tgt Ion:163 Resp: 60168
Ion Ratio Lower Upper
163 100
194 4.9 3.7 5.5
164 9.8 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043436.D

Acq: 31 Oct 2019 16:27

Instrument :

BNA_G

ClientSampleId :

169-32-(0-1)

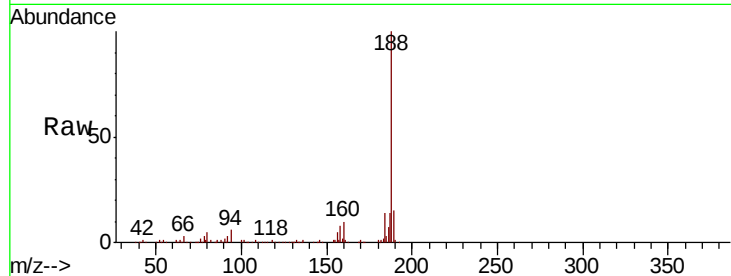
Tot Ion:188 Resp: 287486

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.2

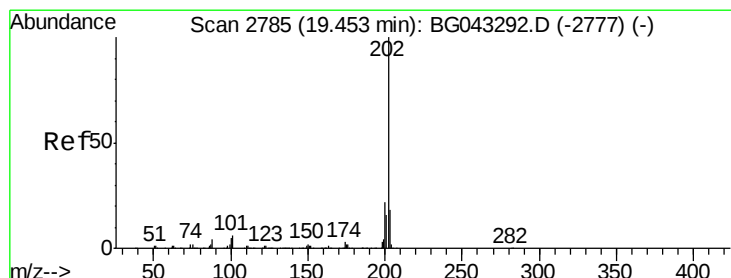
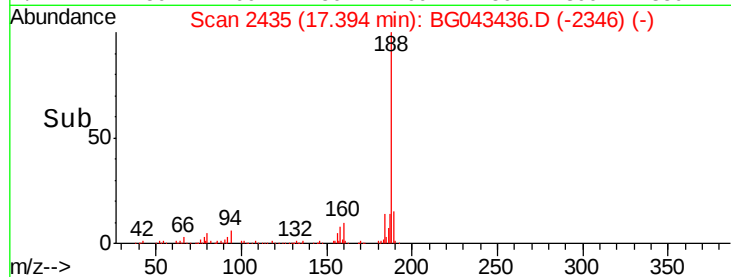
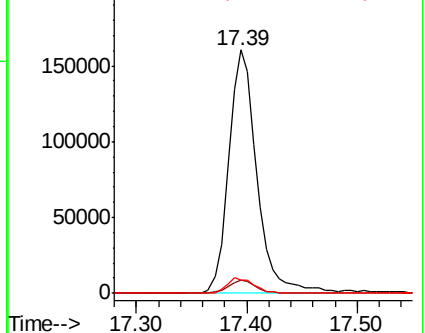
80 5.4 5.2 7.8



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



#75

Fluoranthene

Concen: 2.313 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043436.D

Acq: 31 Oct 2019 16:27

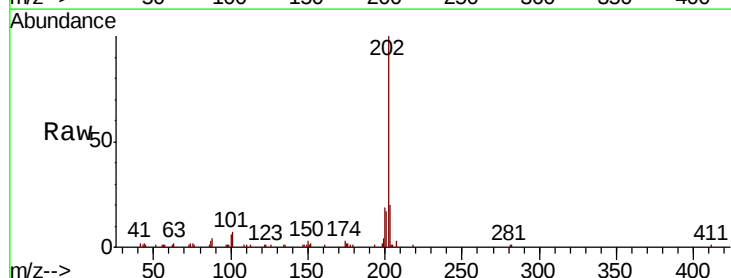
Tgt Ion:202 Resp: 44394

Ion Ratio Lower Upper

202 100

101 6.7 0.0 26.0

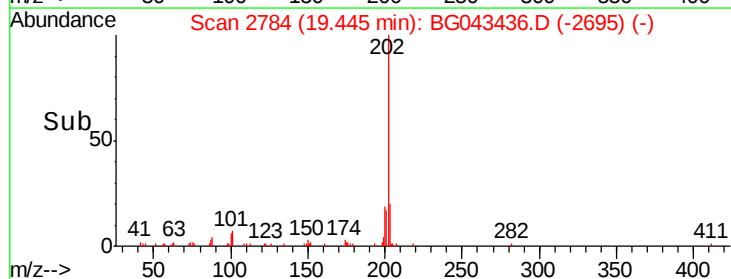
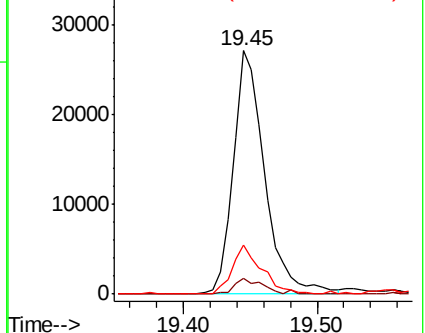
203 20.1 0.0 38.2

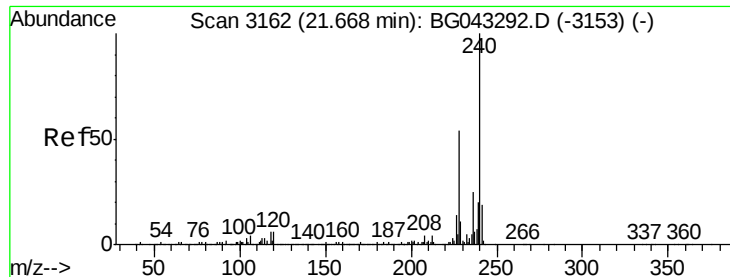


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043436.D

Acq: 31 Oct 2019 16:27

Instrument :

BNA_G

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169-32-(0-1)

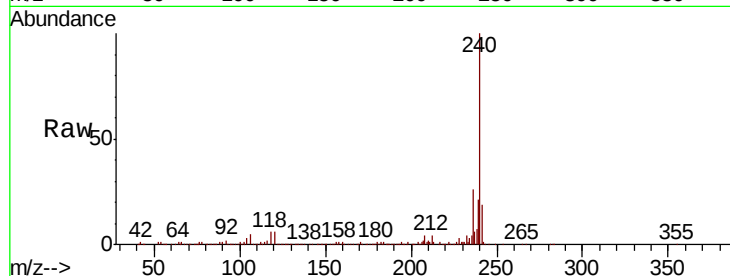
Tot Ion:240 Resp: 329305

Ion Ratio Lower Upper

240 100

120 6.3 4.6 7.0

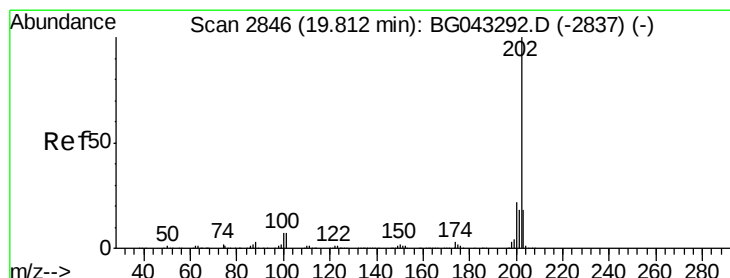
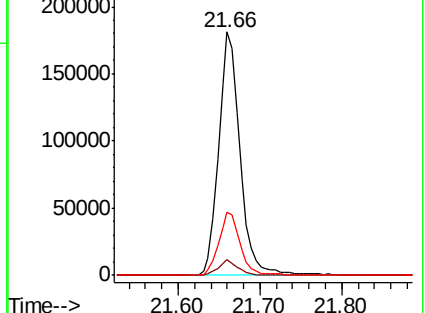
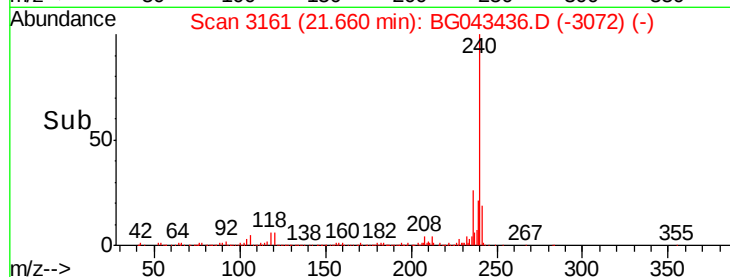
236 25.9 20.2 30.4



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



#78

Pyrene

Concen: 2.046 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043436.D

Acq: 31 Oct 2019 16:27

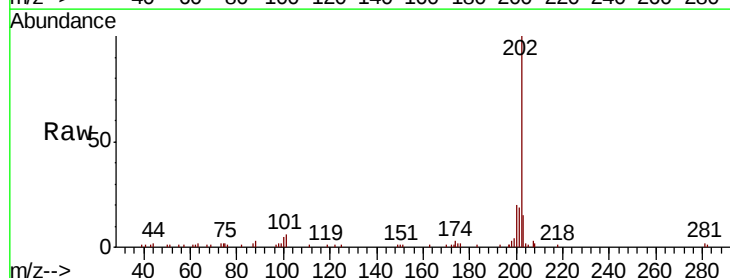
Tgt Ion:202 Resp: 41711

Ion Ratio Lower Upper

202 100

200 20.4 17.3 25.9

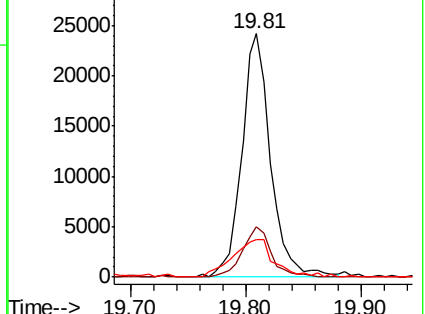
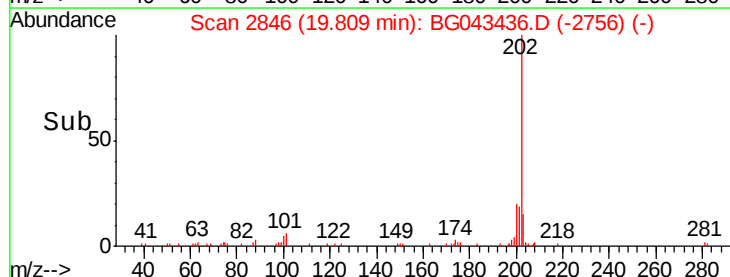
203 15.4 14.5 21.7

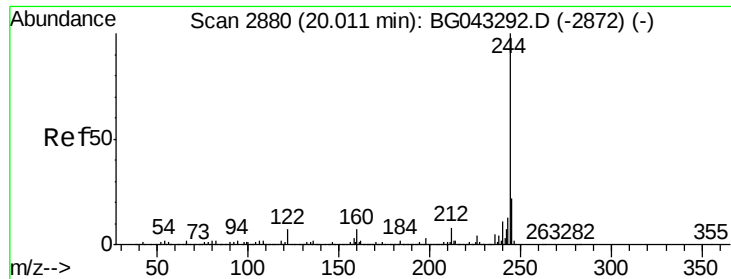


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.660 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043436.D

Acq: 31 Oct 2019 16:27

Instrument :

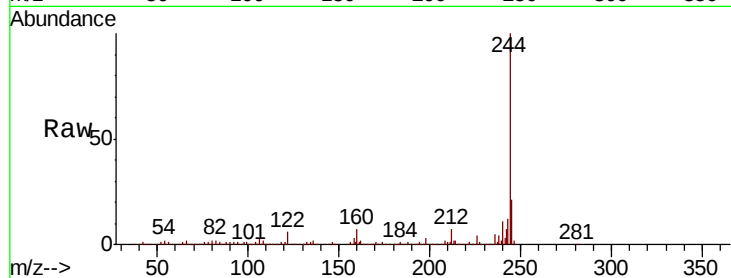
BNA_G

ClientSampleId :

169-32-(0-1)

Tot Ion:244 Resp: 1047206

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.4	9.6
122	6.5	5.3	7.9

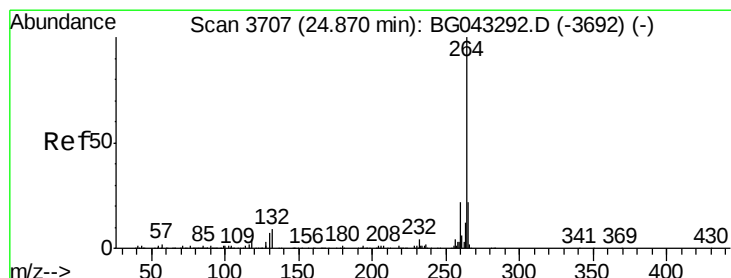
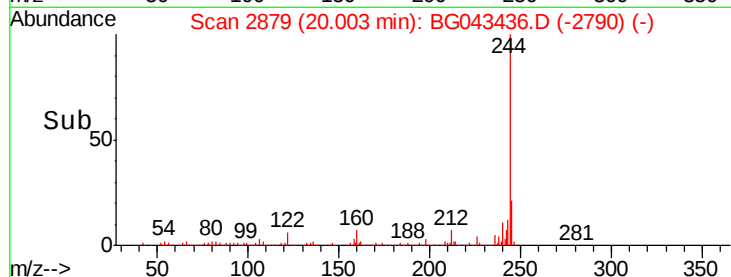
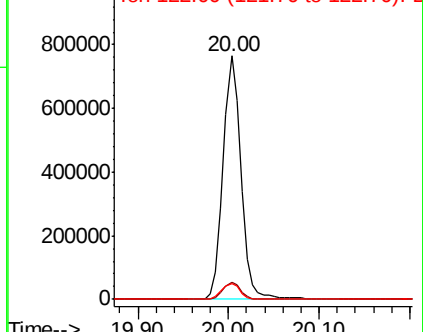


Abundance

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: 24.86 min Scan# 3706

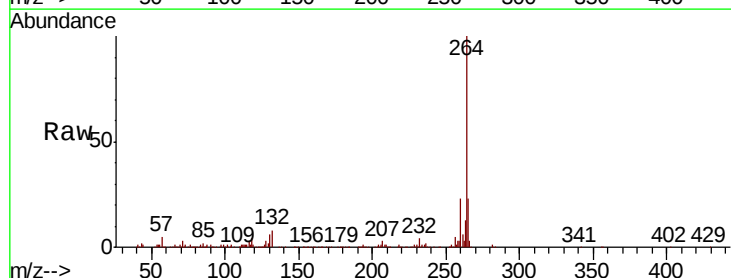
Delta R.T. -0.01 min

Lab File: BG043436.D

Acq: 31 Oct 2019 16:27

Tgt Ion:264 Resp: 390517

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.9	26.9
265	22.6	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

