

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041334.D
 Acq On : 19 Jun 2019 18:52
 Operator : HP/JU
 Sample : K3154-13 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-061419-G

Quant Time: Jun 19 19:30:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

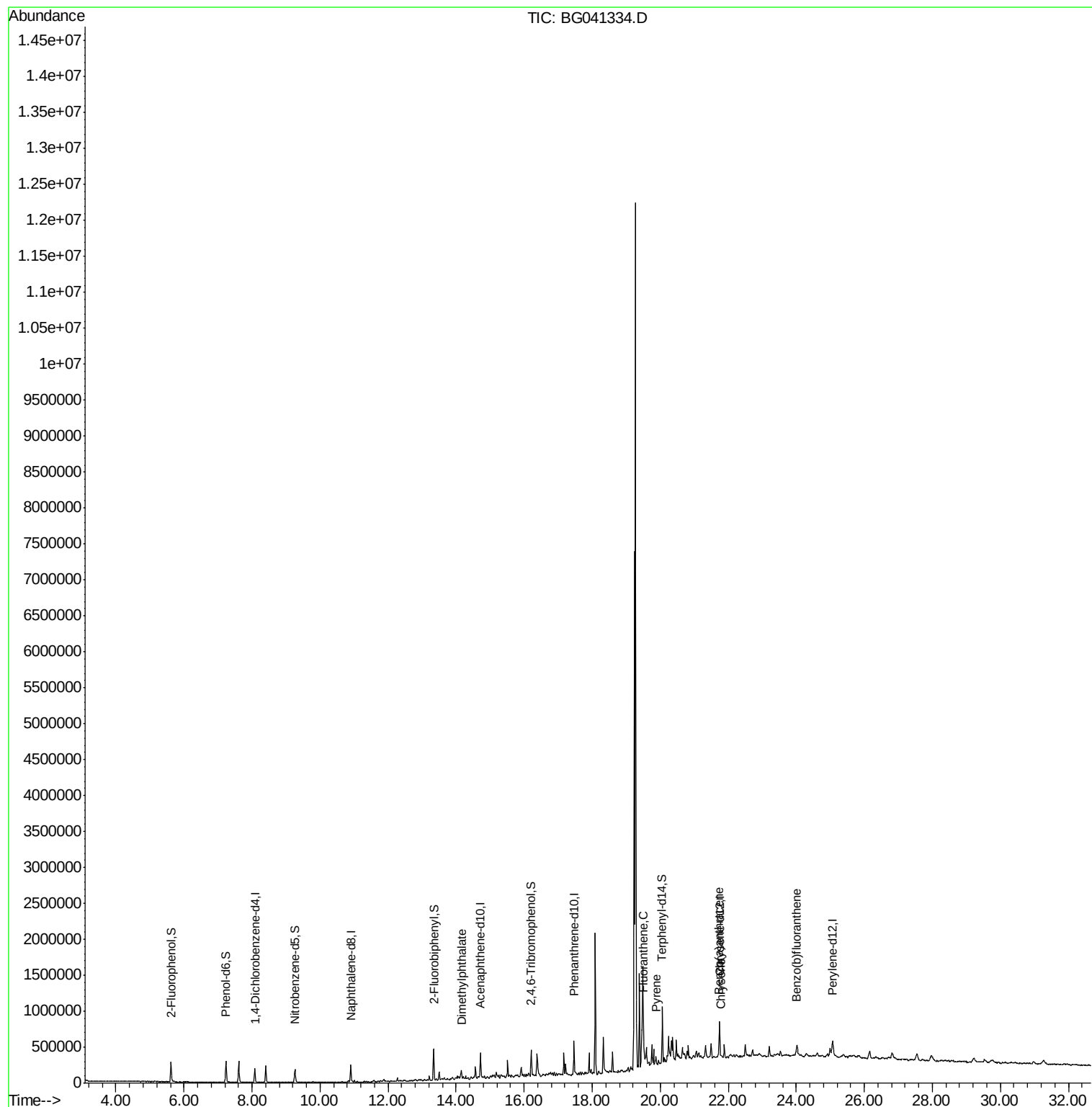
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	50356	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	191720	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	124146	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	278526	20.00	ng	0.00
76) Chrysene-d12	21.74	240	294205	20.00	ng	0.00
87) Perylene-d12	25.07	264	301199	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	112092	40.90	ng	0.00
7) Phenol-d6	7.24	99	161350	40.62	ng	0.00
23) Nitrobenzene-d5	9.26	82	113572	24.91	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	69416	36.42	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	227315	24.89	ng	0.00
79) Terphenyl-d14	20.06	244	365514	24.62	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.16	163	28442	2.575	ng	99
75) Fluoranthene	19.52	202	62663	3.175	ng	96
78) Pyrene	19.88	202	71730	3.615	ng	97
81) Benzo(a)anthracene	21.72	228	40705	2.043	ng	# 90
83) Chrysene	21.79	228	42166	2.201	ng	# 90
88) Benzo(b)fluoranthene	24.00	252	51200	2.743	ng	# 50

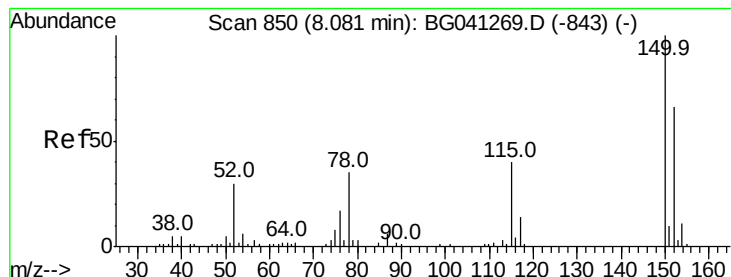
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041334.D
Acq On : 19 Jun 2019 18:52
Operator : HP/JU
Sample : K3154-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-G

Quant Time: Jun 19 19:30:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG041334.D

Acq: 19 Jun 2019 18:52

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-G

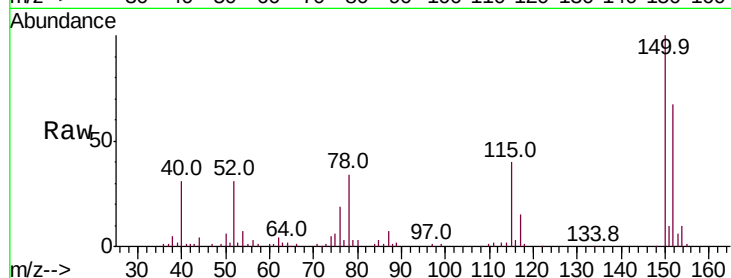
Tot Ion:152 Resp: 50356

Ion Ratio Lower Upper

152 100

150 148.5 120.6 181.0

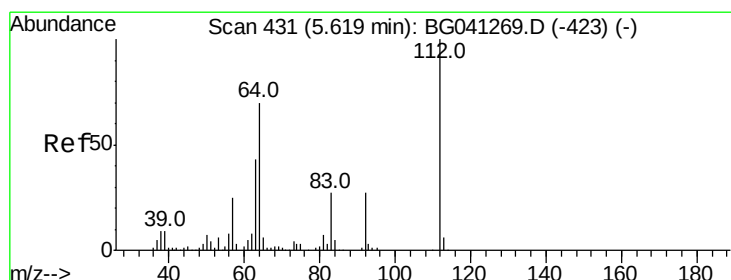
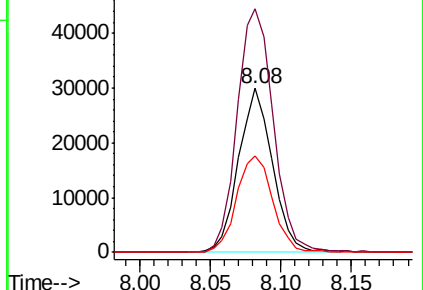
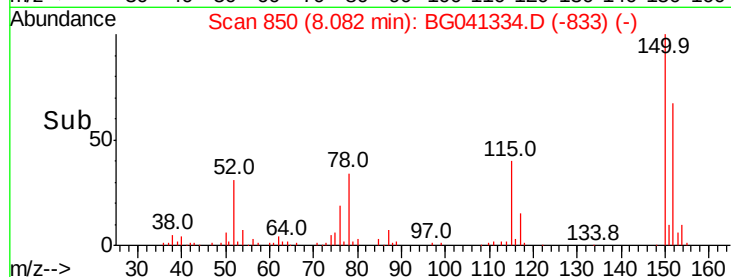
115 59.0 47.9 71.9



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: 40.901 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG041334.D

Acq: 19 Jun 2019 18:52

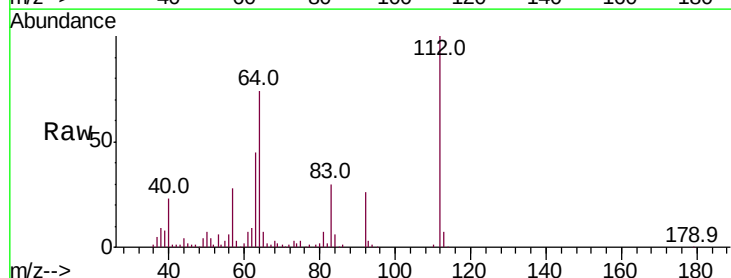
Tgt Ion:112 Resp: 112092

Ion Ratio Lower Upper

112 100

64 73.6 55.9 83.9

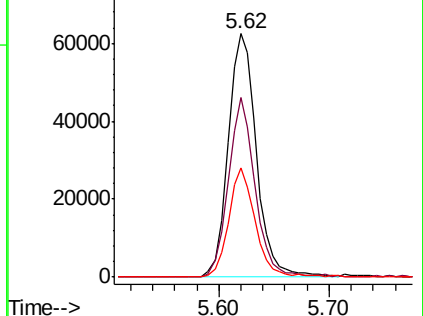
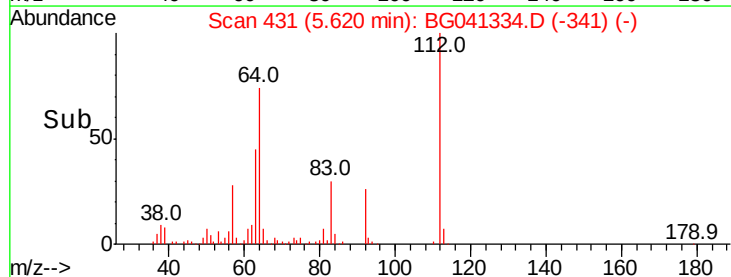
63 44.7 34.6 51.8

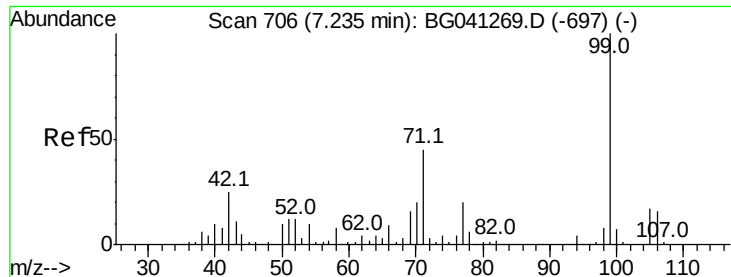


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 40.617 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041334.D

Acq: 19 Jun 2019 18:52

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-G

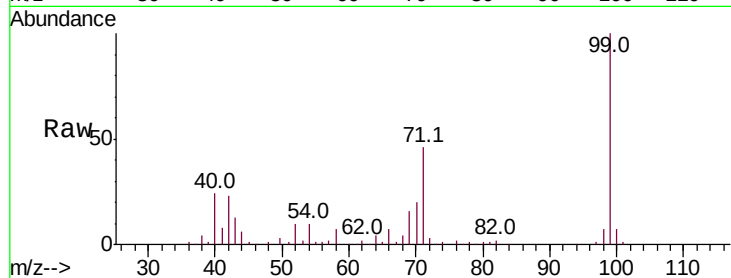
Tot Ion: 99 Resp: 161350

Ion Ratio Lower Upper

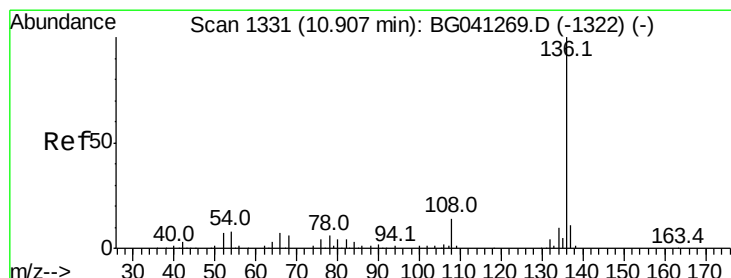
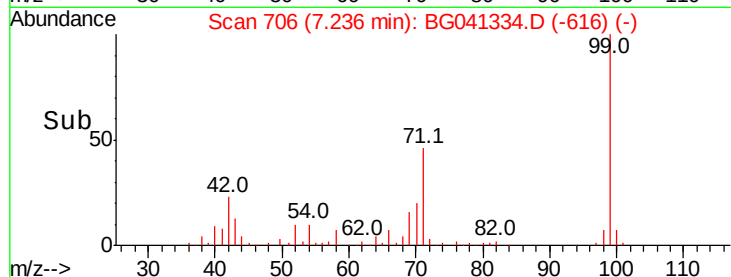
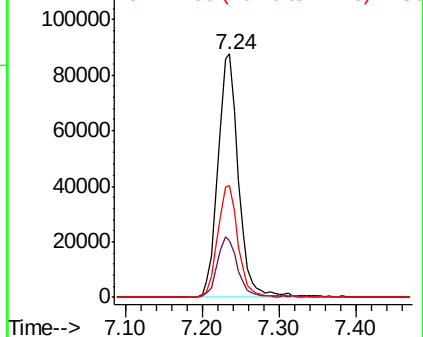
99 100

42 23.2 19.9 29.9

71 46.1 36.4 54.6



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: 10.90 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BG041334.D

Acq: 19 Jun 2019 18:52

Tgt Ion: 136 Resp: 191720

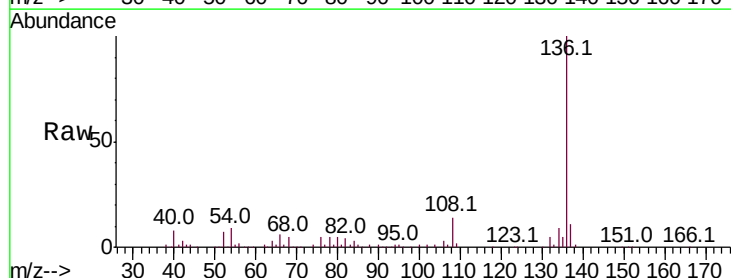
Ion Ratio Lower Upper

136 100

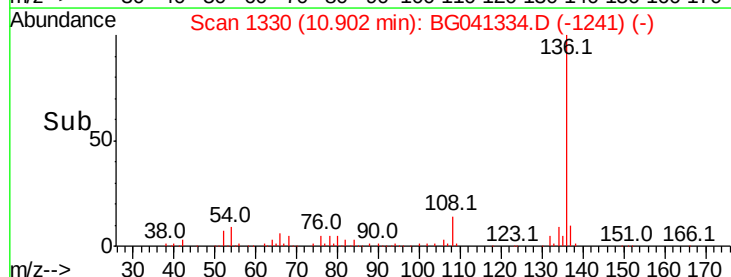
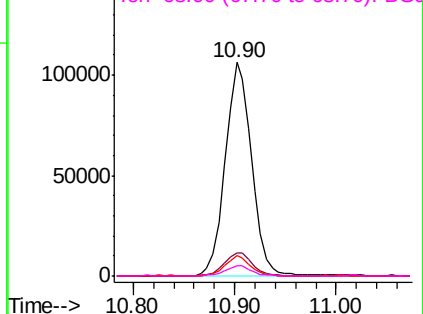
137 10.7 8.8 13.2

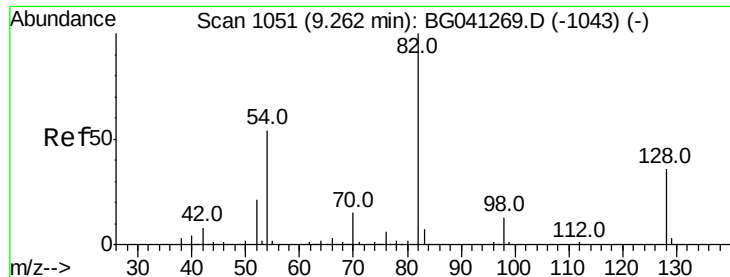
54 9.4 6.4 9.6

68 4.6 4.8 7.2#



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

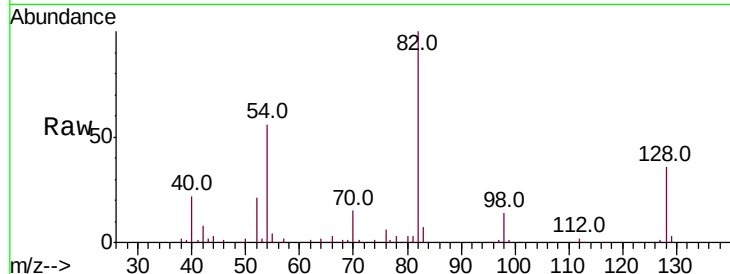




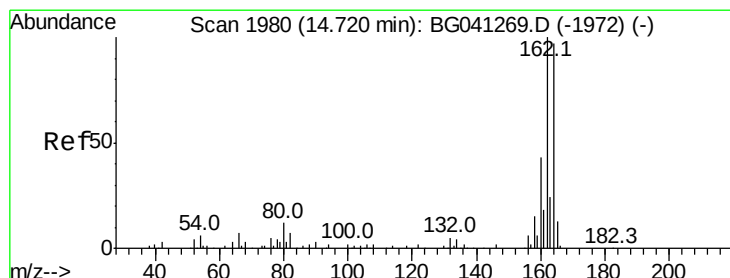
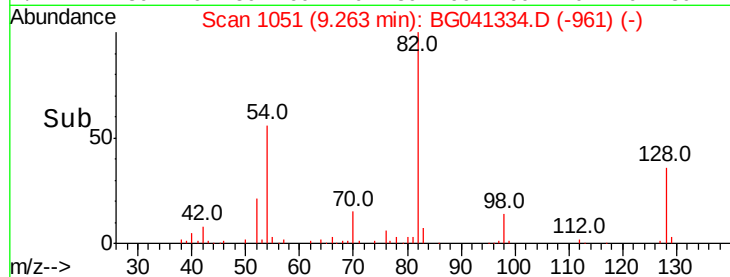
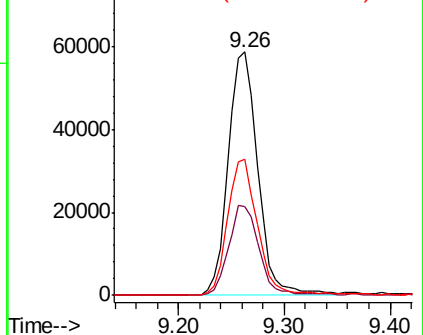
#23
 Nitrobenzene-d5
 Concen: 24.913 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BG041334.D
 Acq: 19 Jun 2019 18:52

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-061419-G

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.2	43.8
54	56.1	43.4	65.0

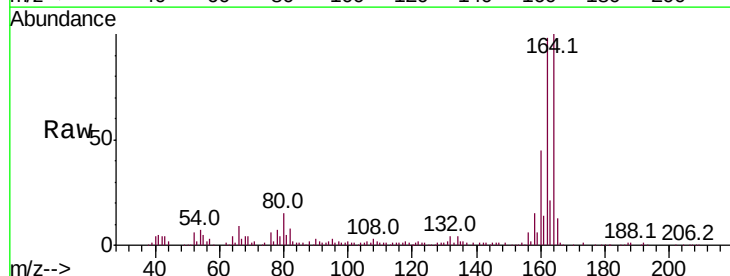


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

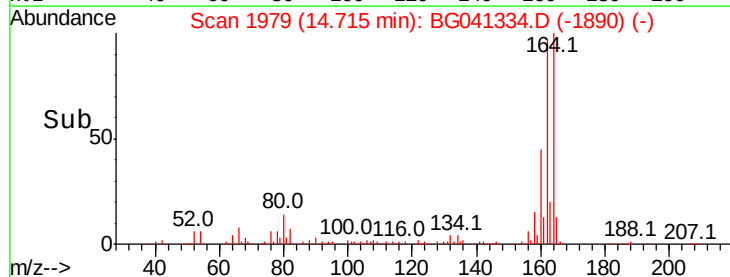
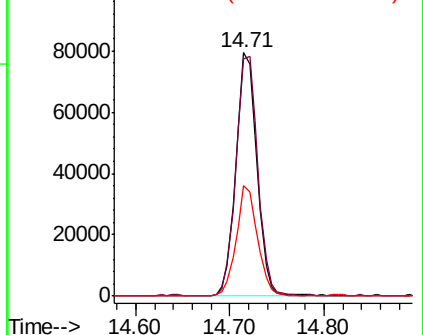


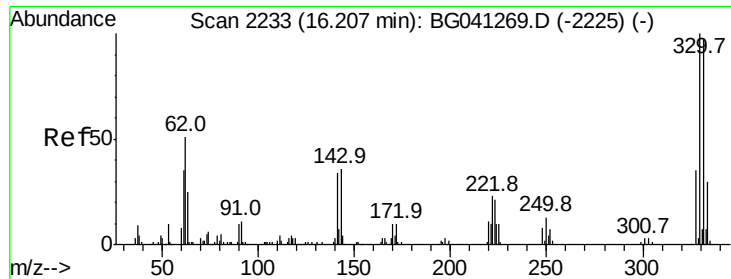
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BG041334.D
 Acq: 19 Jun 2019 18:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.6	82.8	124.2
160	45.3	35.8	53.8



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

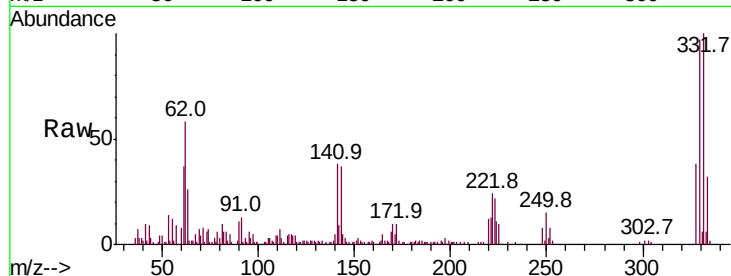




#42
 2,4,6-Tribromophenol
 Concen: 36.421 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. 0.00 min
 Lab File: BG041334.D
 Acq: 19 Jun 2019 18:52

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-061419-G

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.5	113.3
141	36.8	29.0	43.4

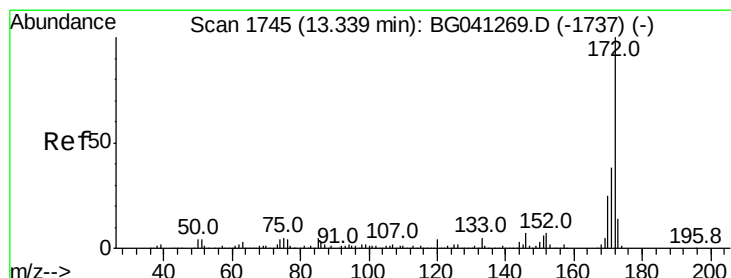
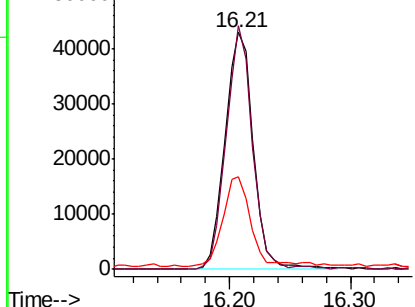
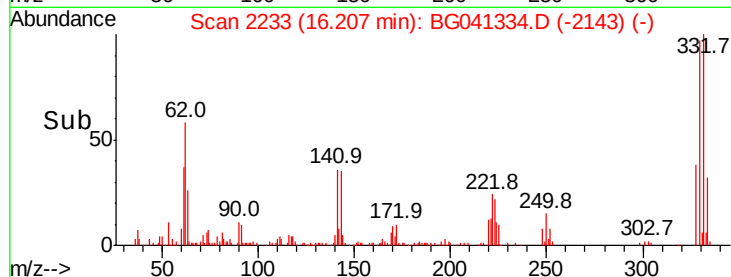


Abundance

Ion 329.80 (329.50 to 330.50): E

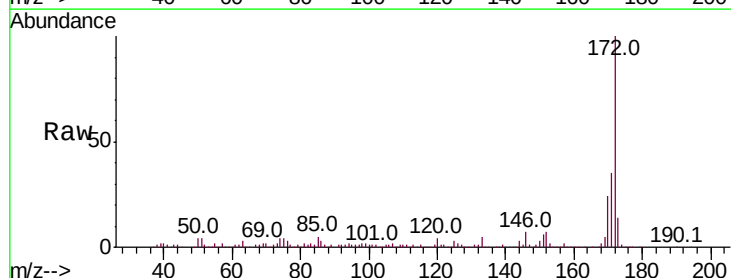
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 24.887 ng
 RT: 13.33 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BG041334.D
 Acq: 19 Jun 2019 18:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	23.9	19.8	29.6

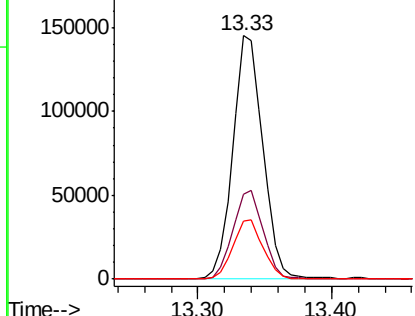
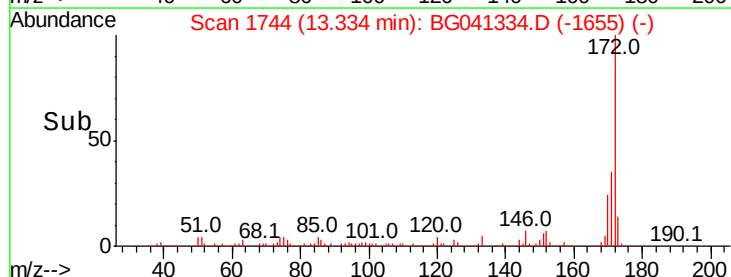


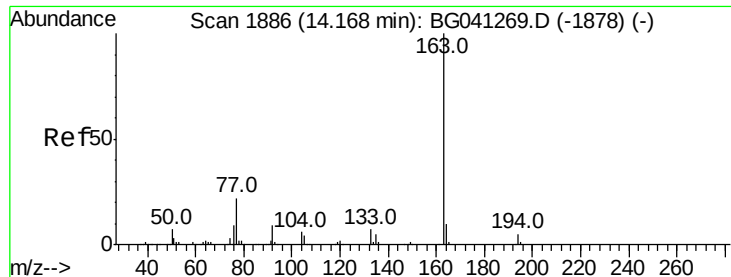
Abundance

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





#50

Dimethylphthalate

Concen: 2.575 ng

RT: 14.16 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG041334.D

Acq: 19 Jun 2019 18:52

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-G

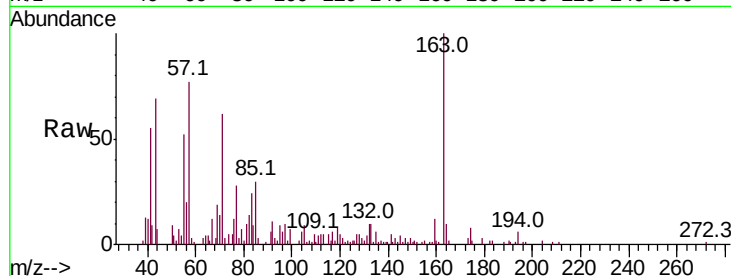
Tot Ion:163 Resp: 28442

Ion Ratio Lower Upper

163 100

194 5.7 3.9 5.9

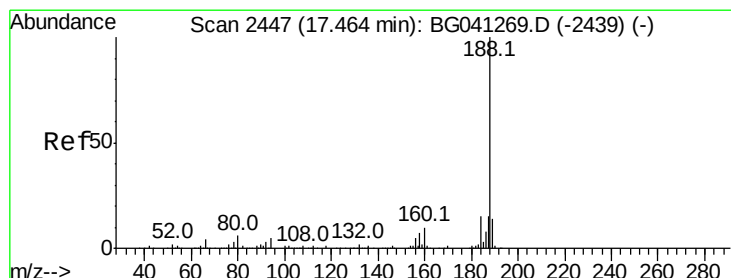
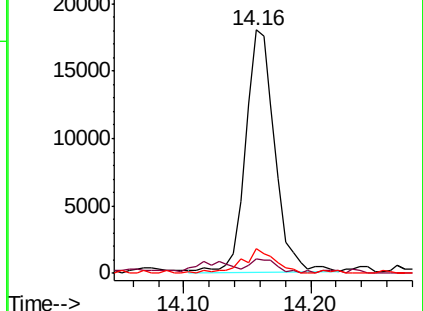
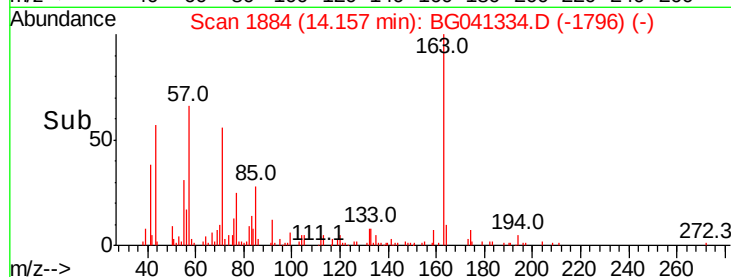
164 10.2 8.3 12.5



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: 17.46 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BG041334.D

Acq: 19 Jun 2019 18:52

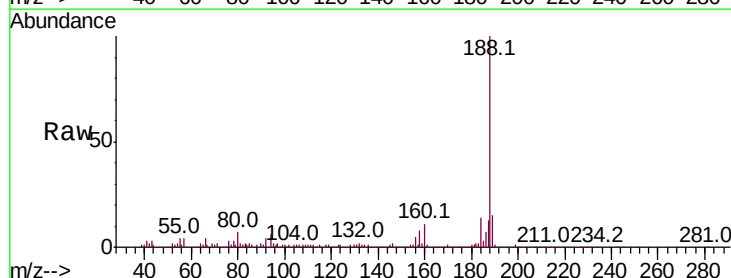
Tgt Ion:188 Resp: 278526

Ion Ratio Lower Upper

188 100

94 6.0 3.6 5.4#

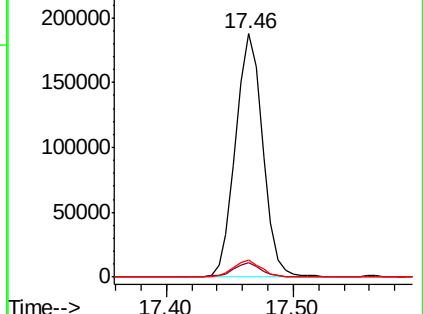
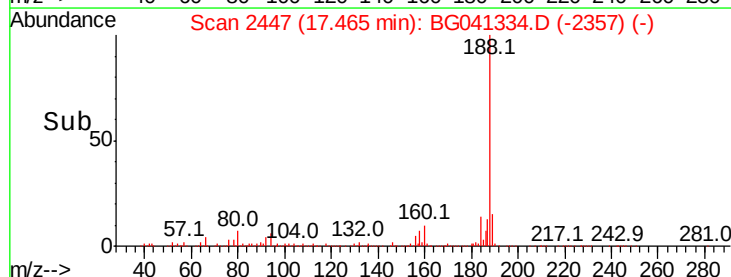
80 6.9 4.8 7.2

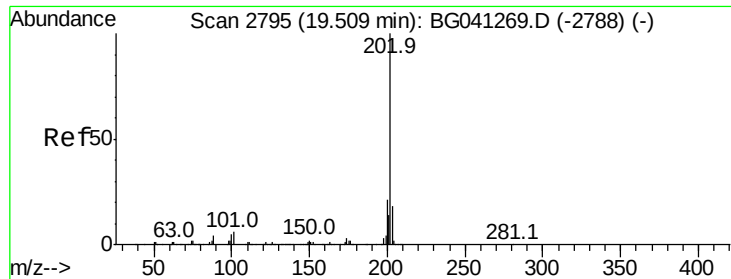


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Fluoranthene

Concen: 3.175 ng

RT: 19.52 min Scan# 2796

Delta R.T. 0.01 min

Lab File: BG041334.D

Acq: 19 Jun 2019 18:52

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-G

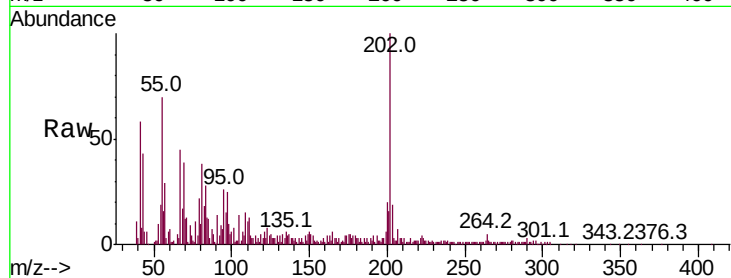
Tot Ion:202 Resp: 62663

Ion Ratio Lower Upper

202 100

101 8.1 0.0 26.0

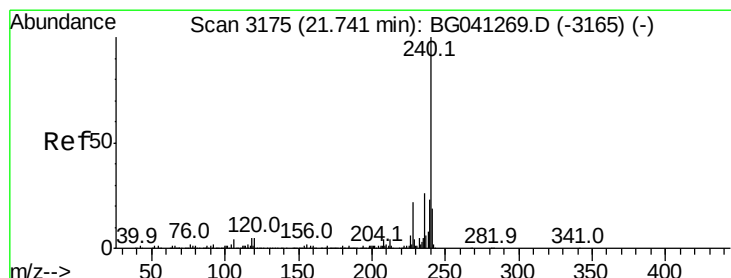
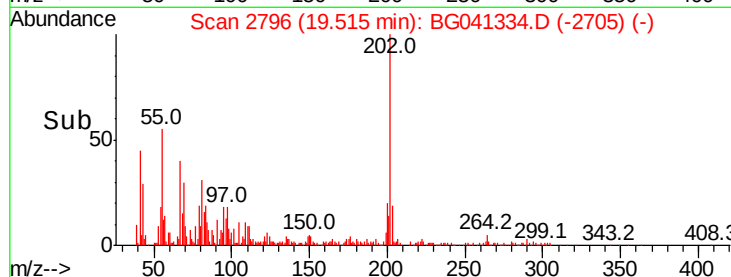
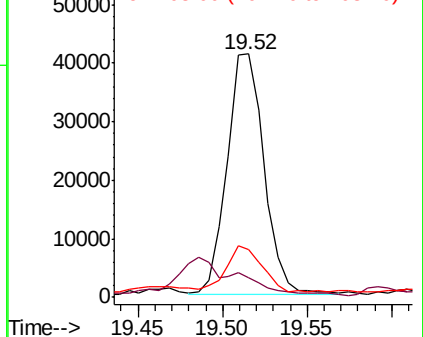
203 19.4 0.0 37.7



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: 21.74 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BG041334.D

Acq: 19 Jun 2019 18:52

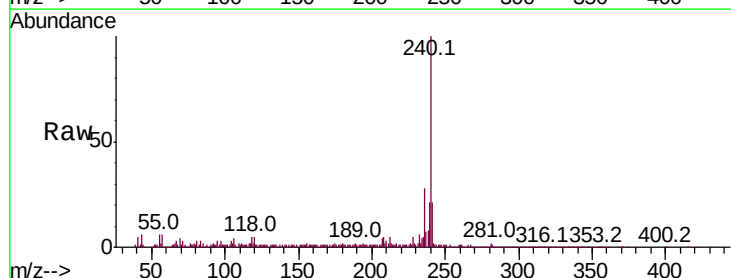
Tgt Ion:240 Resp: 294205

Ion Ratio Lower Upper

240 100

120 5.3 3.7 5.5

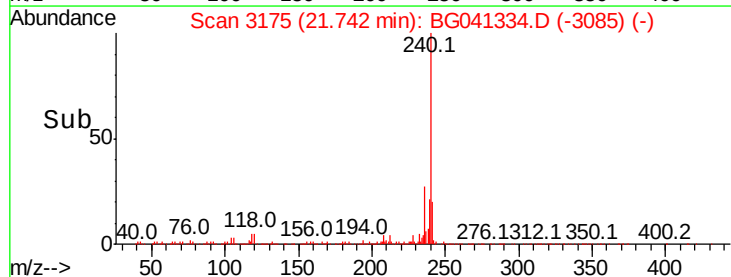
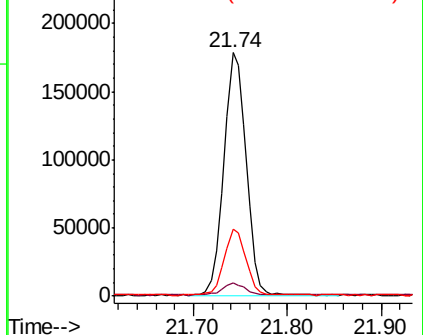
236 27.5 21.1 31.7

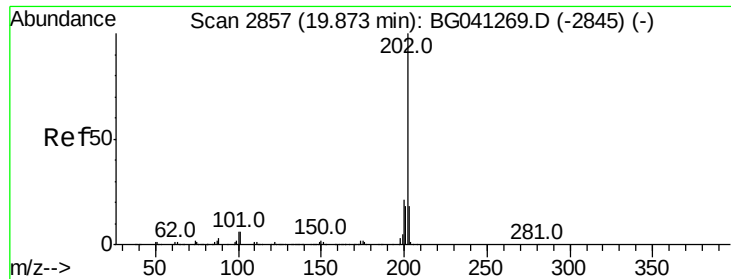


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 3.615 ng

RT: 19.88 min Scan# 2858

Delta R.T. 0.01 min

Lab File: BG041334.D

Acq: 19 Jun 2019 18:52

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-G

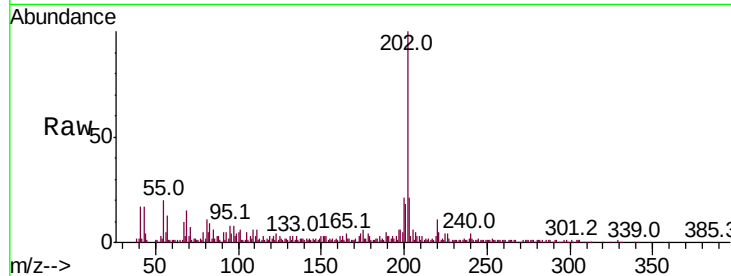
Tot Ion:202 Resp: 71730

Ion Ratio Lower Upper

202 100

200 20.6 16.8 25.2

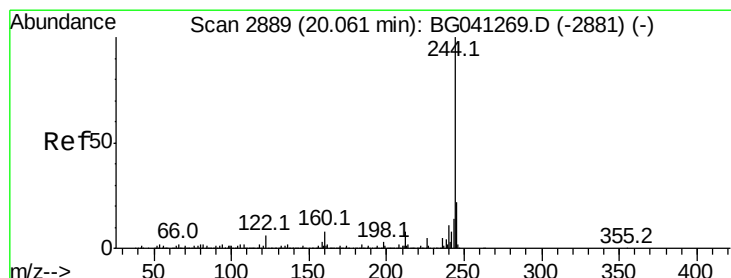
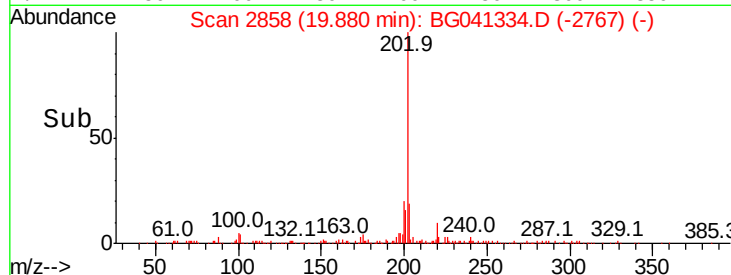
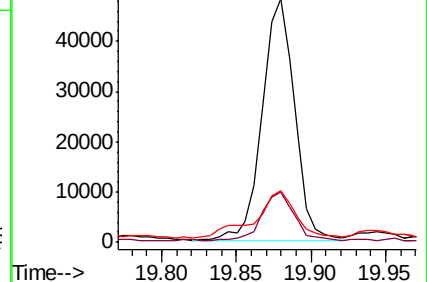
203 21.0 14.6 21.8



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: 24.621 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041334.D

Acq: 19 Jun 2019 18:52

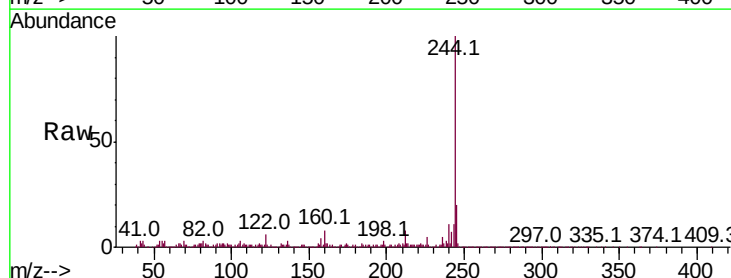
Tgt Ion:244 Resp: 365514

Ion Ratio Lower Upper

244 100

212 8.0 6.6 10.0

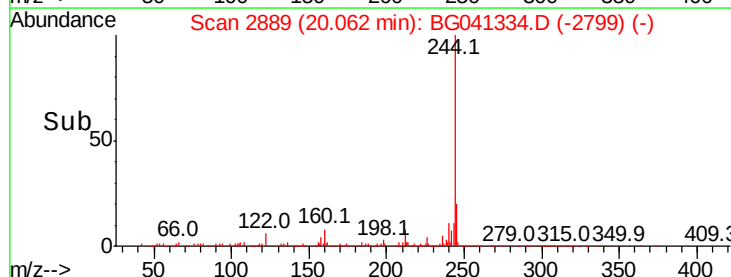
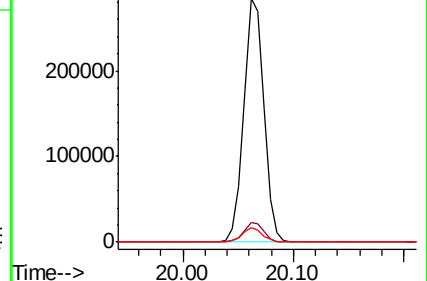
122 6.1 5.0 7.4

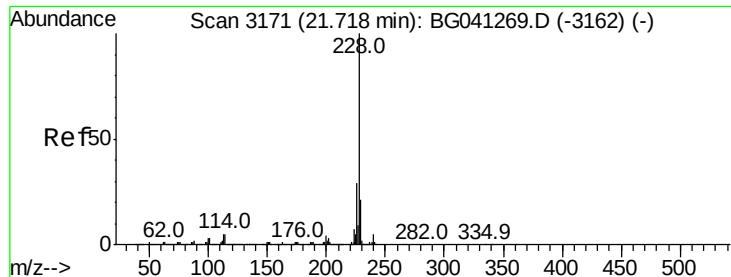


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 2.043 ng

RT: 21.72 min Scan# 3172

Delta R.T. 0.01 min

Lab File: BG041334.D

Acq: 19 Jun 2019 18:52

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-G

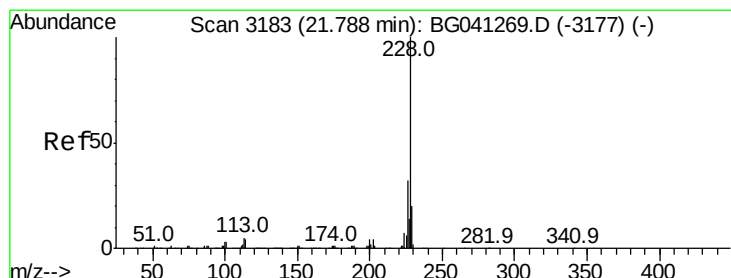
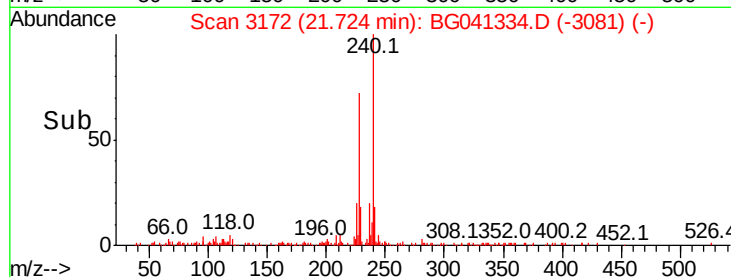
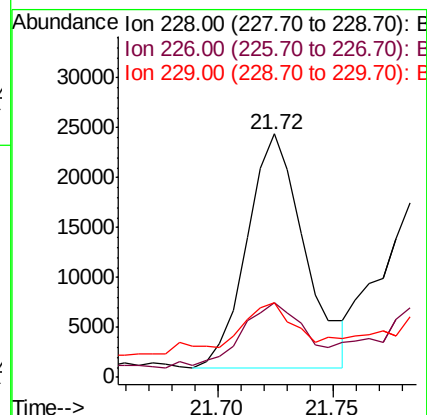
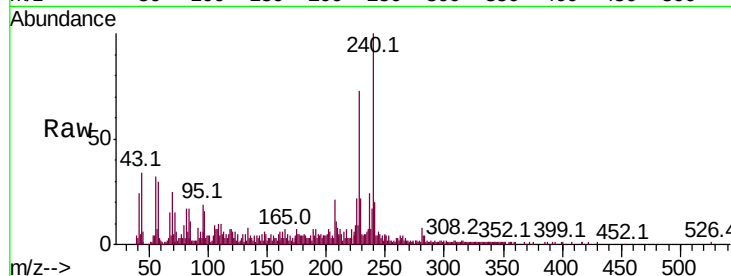
Tot Ion:228 Resp: 40705

Ion Ratio Lower Upper

228 100

226 30.6 23.2 34.8

229 30.6 16.8 25.2#



#83

Chrysene

Concen: 2.201 ng

RT: 21.79 min Scan# 3184

Delta R.T. 0.01 min

Lab File: BG041334.D

Acq: 19 Jun 2019 18:52

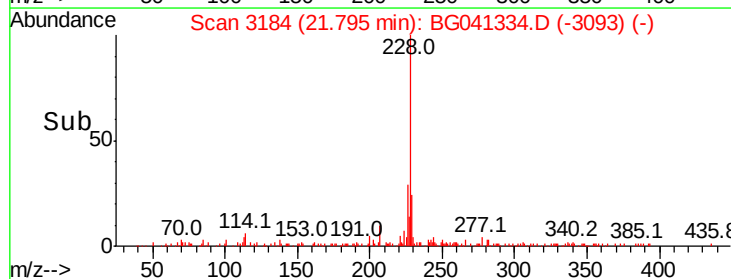
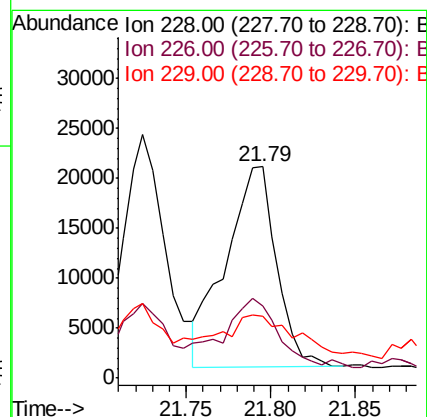
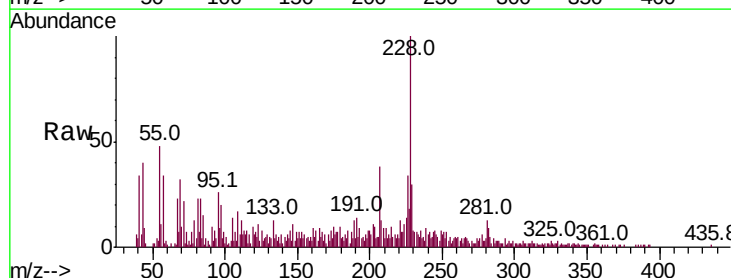
Tgt Ion:228 Resp: 42166

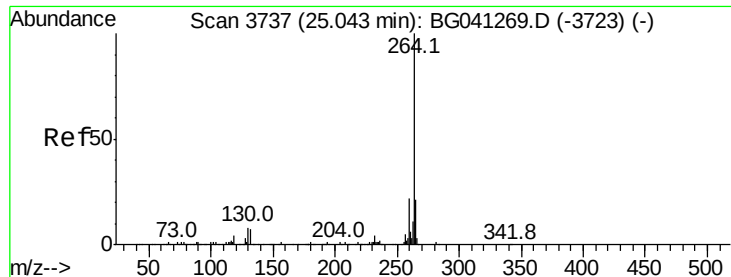
Ion Ratio Lower Upper

228 100

226 33.9 25.4 38.0

229 29.6 16.2 24.2#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3741

Delta R.T. 0.02 min

Lab File: BG041334.D

Acq: 19 Jun 2019 18:52

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-G

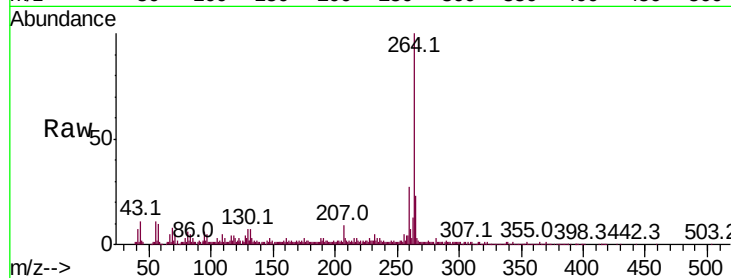
Tot Ion:264 Resp: 301199

Ion Ratio Lower Upper

264 100

260 26.6 17.4 26.2#

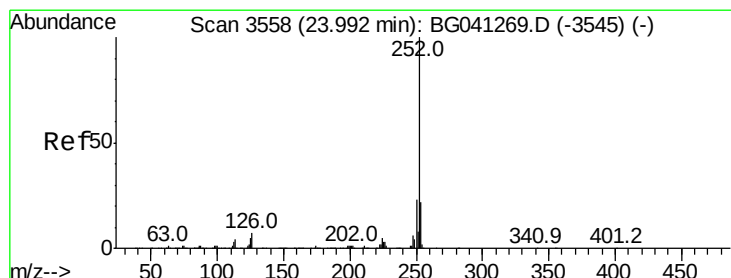
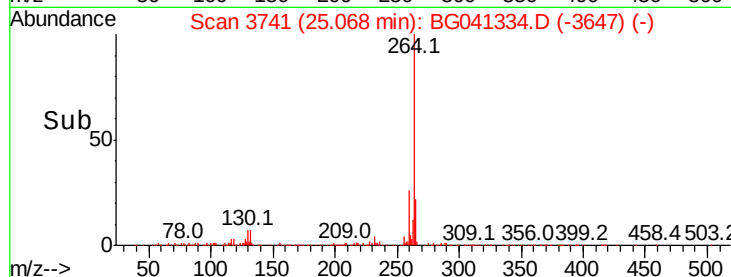
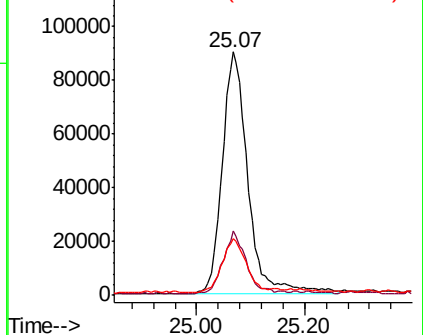
265 23.4 17.2 25.8



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



#88

Benzo(b)fluoranthene

Concen: 2.743 ng

RT: 24.00 min Scan# 3560

Delta R.T. 0.01 min

Lab File: BG041334.D

Acq: 19 Jun 2019 18:52

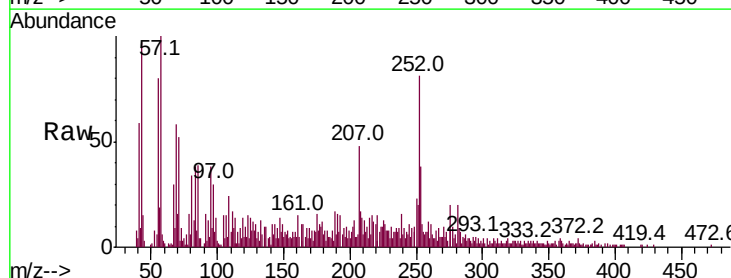
Tgt Ion:252 Resp: 51200

Ion Ratio Lower Upper

252 100

253 47.1 17.4 26.0#

125 17.1 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

