

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
 Data File : BG041307.D
 Acq On : 18 Jun 2019 21:16
 Operator : HP/JU
 Sample : K3419-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-E

Quant Time: Jun 19 08:11:29 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

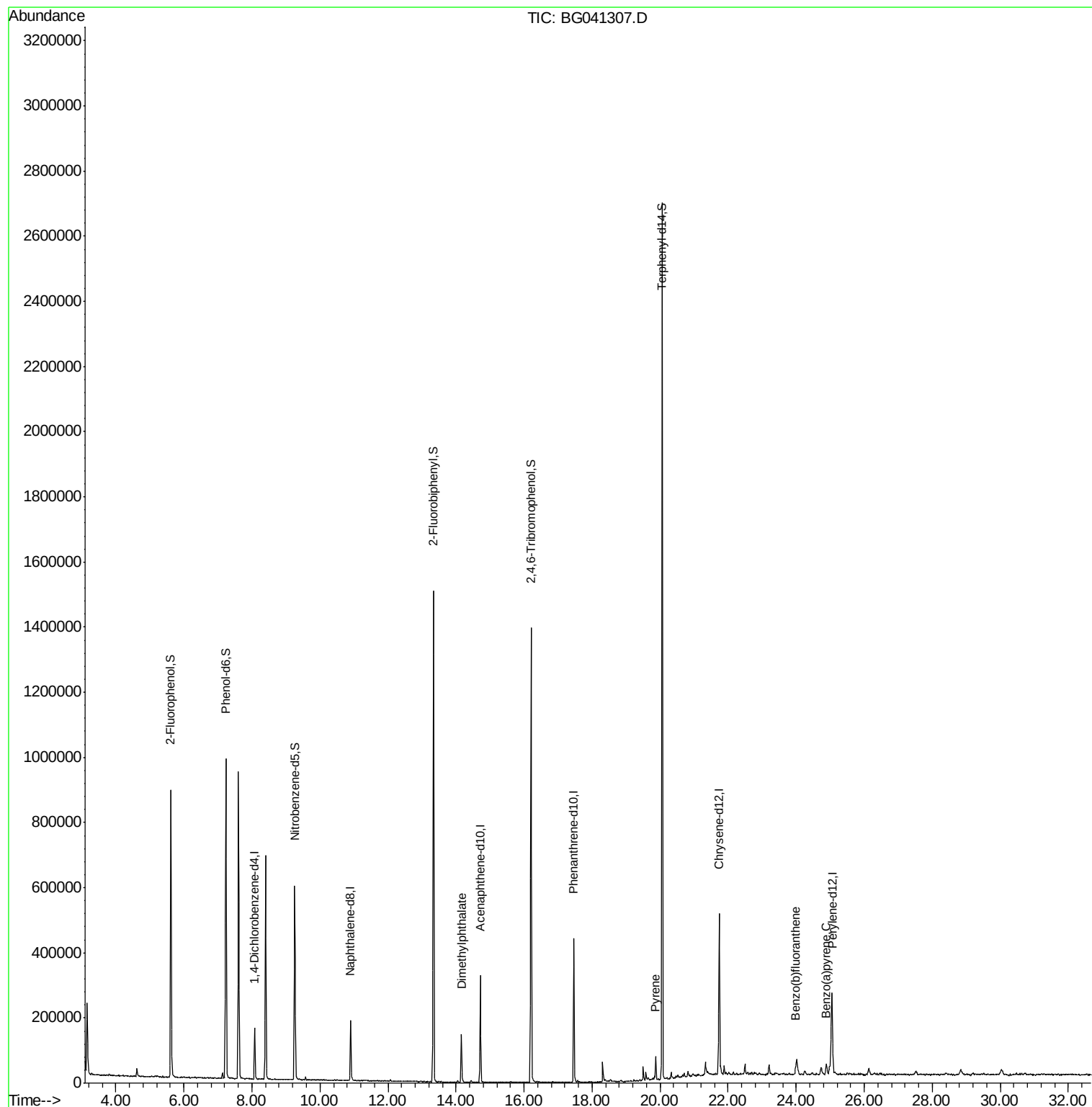
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	41654	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	156679	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	113480	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	276689	20.00	ng	0.00
76) Chrysene-d12	21.74	240	279926	20.00	ng	0.00
87) Perylene-d12	25.05	264	296371	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	342555	151.11	ng	0.00
7) Phenol-d6	7.23	99	499085	151.88	ng	0.00
23) Nitrobenzene-d5	9.26	82	356357	95.65	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	252085	144.70	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	754209	90.33	ng	0.00
79) Terphenyl-d14	20.06	244	1217070	86.16	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.16	163	100437	9.947	ng	99
78) Pyrene	19.87	202	48186	2.552	ng	97
88) Benzo(b)fluoranthene	23.98	252	39087	2.128	ng	# 92
90) Benzo(a)pyrene	24.89	252	36252	2.090	ng	95

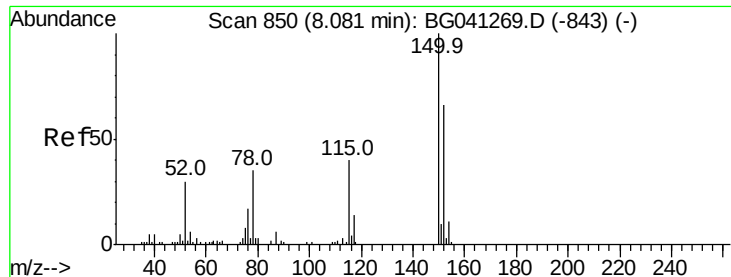
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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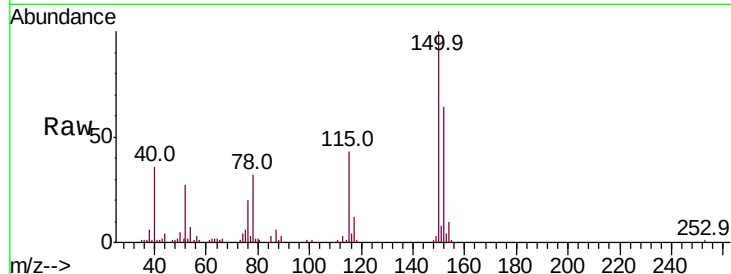


#1

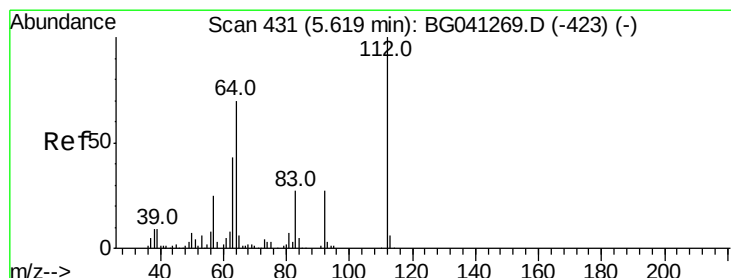
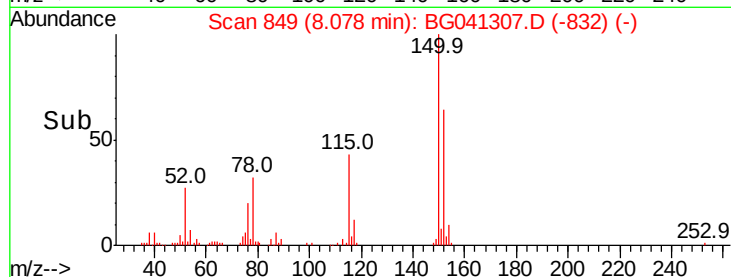
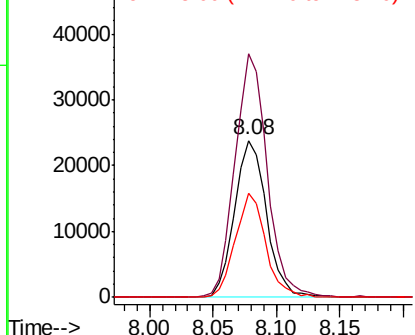
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

Instrument :
BNA_G
ClientSampleId :
TP-E

Tot Ion:152 Resp: 41654
Ion Ratio Lower Upper
152 100
150 155.5 120.6 181.0
115 66.5 47.9 71.9



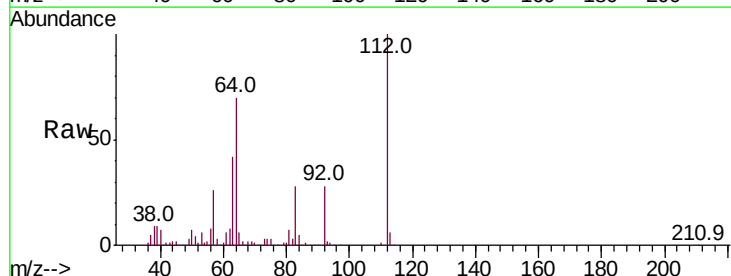
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



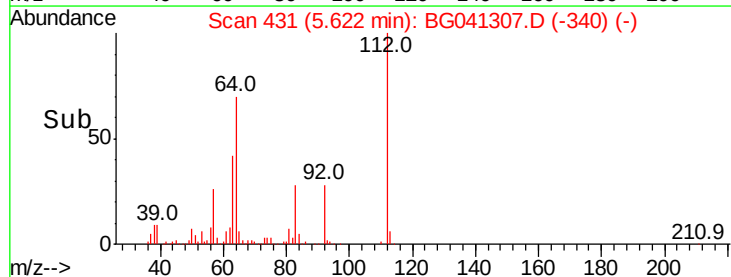
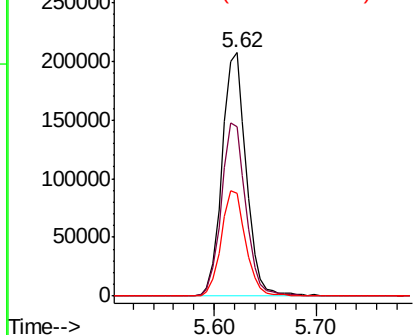
#5

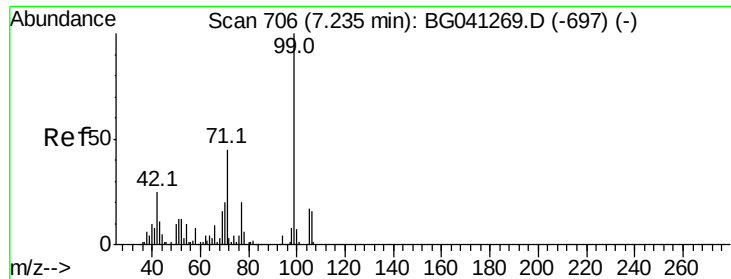
2-Fluorophenol
Concen: 151.106 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

Tgt Ion:112 Resp: 342555
Ion Ratio Lower Upper
112 100
64 69.7 55.9 83.9
63 42.5 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: 151.881 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041307.D

Acq: 18 Jun 2019 21:16

Instrument :

BNA_G

ClientSampleId :

TP-E

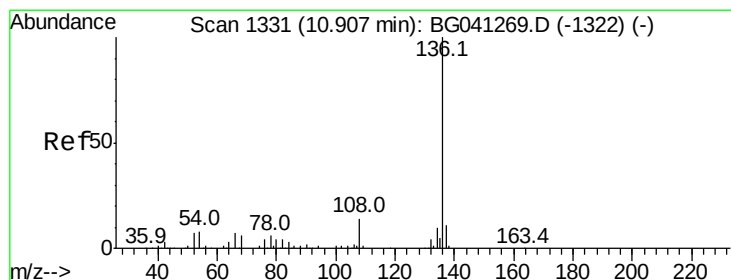
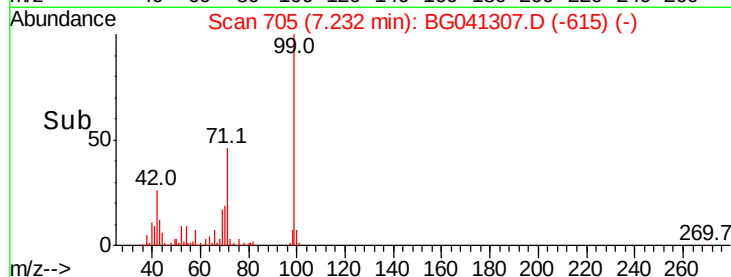
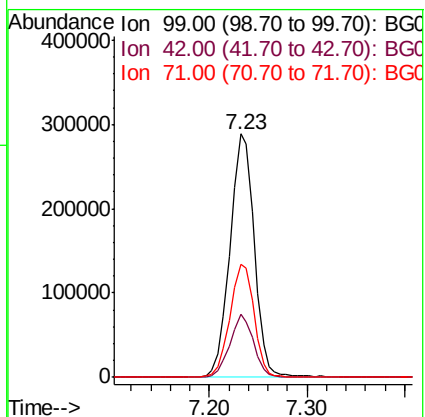
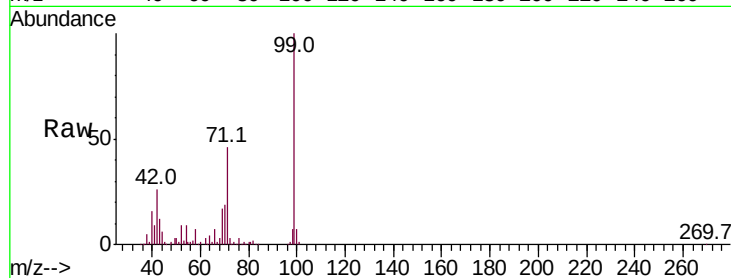
Tot Ion: 99 Resp: 499085

Ion Ratio Lower Upper

99 100

42 25.8 19.9 29.9

71 46.3 36.4 54.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BG041307.D

Acq: 18 Jun 2019 21:16

Tgt Ion: 136 Resp: 156679

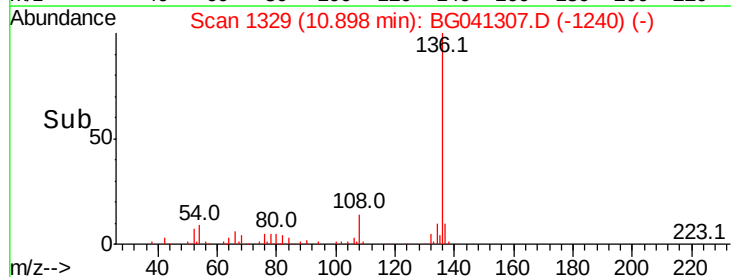
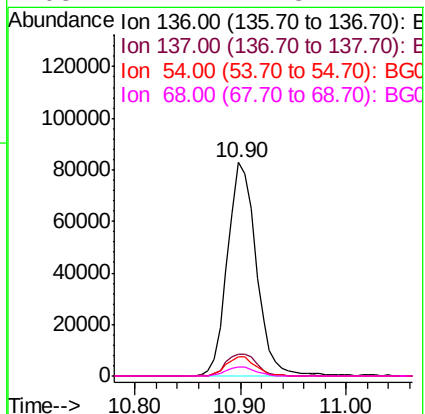
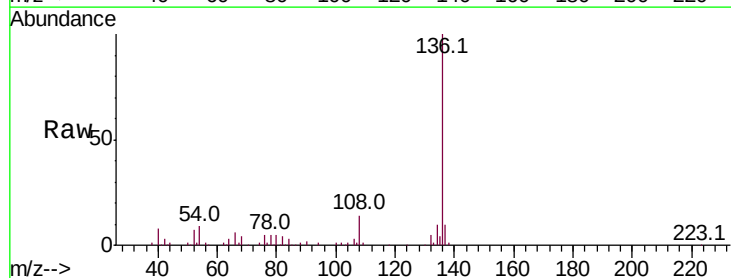
Ion Ratio Lower Upper

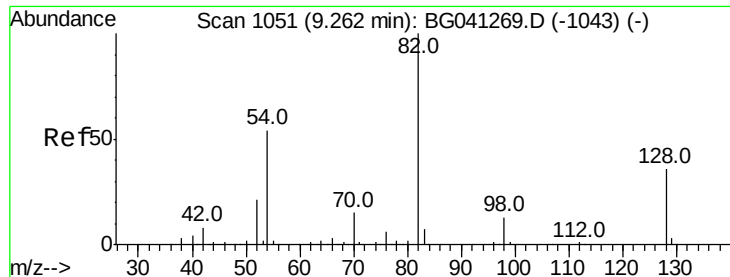
136 100

137 10.5 8.8 13.2

54 9.0 6.4 9.6

68 4.2 4.8 7.2#

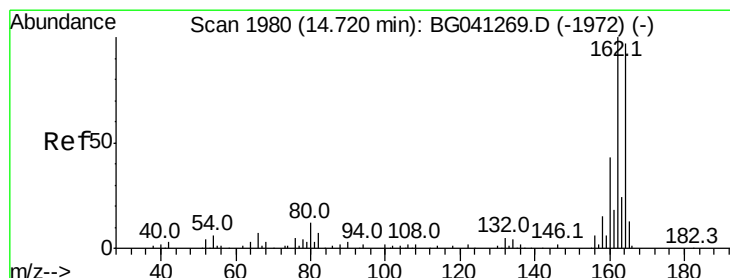
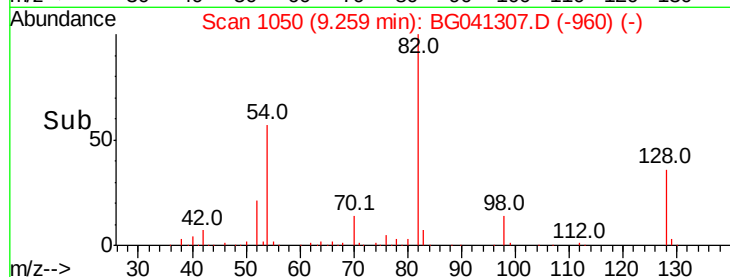
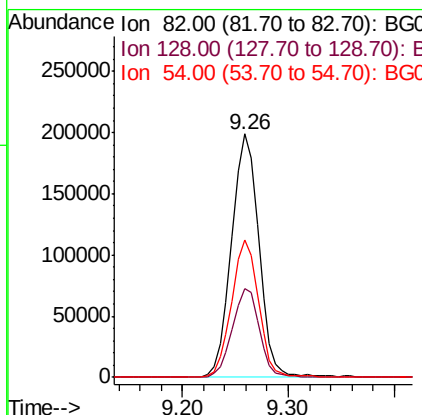
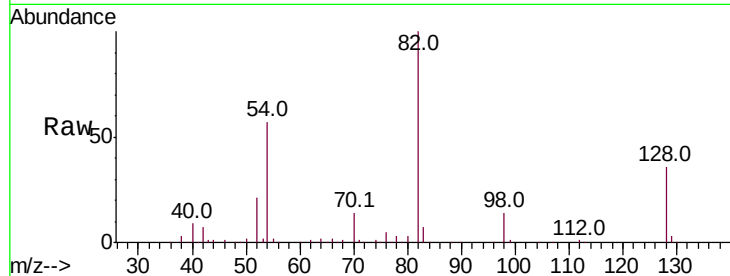




#23
Nitrobenzene-d5
Concen: 95.654 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

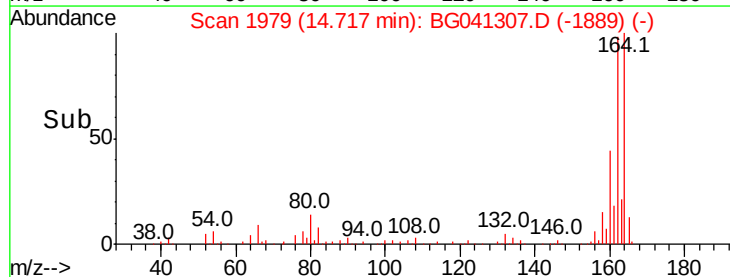
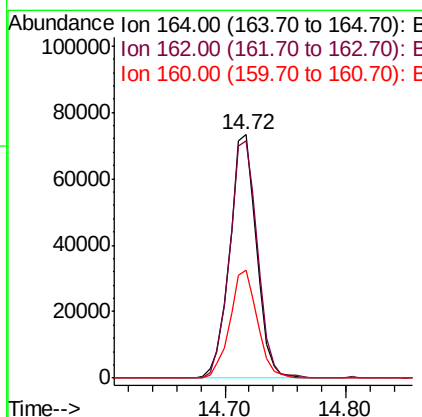
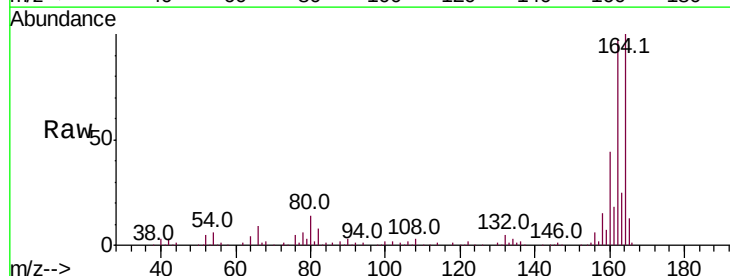
Instrument :
BNA_G
ClientSampled :
TP-E

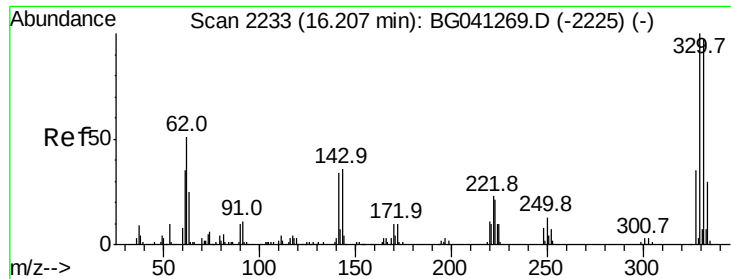
Tot Ion	82	Resp	356357
Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.2	43.8
54	56.6	43.4	65.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041307.D
Acq: 18 Jun 2019 21:16

Tgt Ion	164	Resp	113480
Ion	Ratio	Lower	Upper
164	100		
162	97.2	82.8	124.2
160	44.1	35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 144.696 ng

RT: 16.20 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BG041307.D

Acq: 18 Jun 2019 21:16

Instrument :

BNA_G

ClientSampled :

TP-E

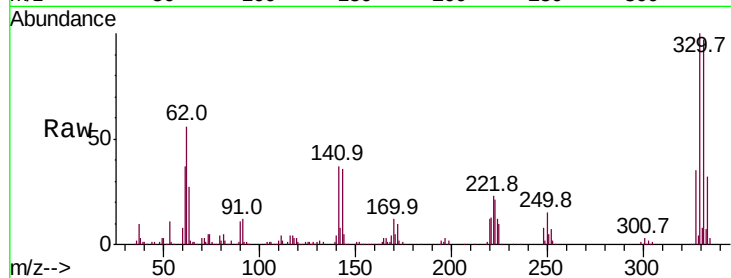
Tot Ion:330 Resp: 252085

Ion Ratio Lower Upper

330 100

332 95.8 75.5 113.3

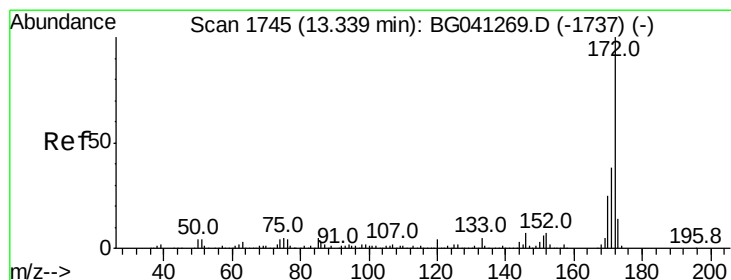
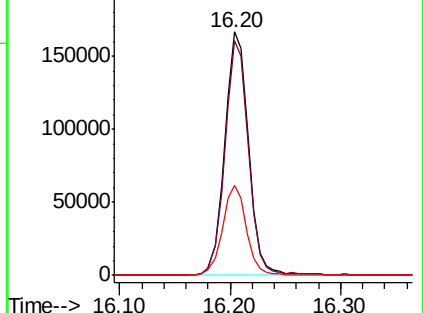
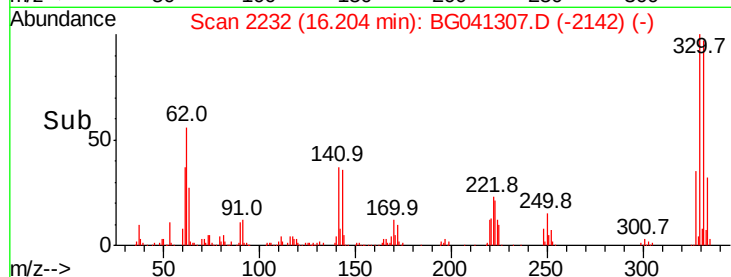
141 36.5 29.0 43.4



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: 90.332 ng

RT: 13.34 min Scan# 1744

Delta R.T. -0.00 min

Lab File: BG041307.D

Acq: 18 Jun 2019 21:16

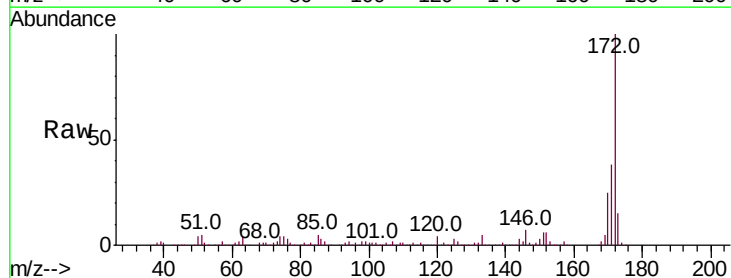
Tgt Ion:172 Resp: 754209

Ion Ratio Lower Upper

172 100

171 38.4 30.0 45.0

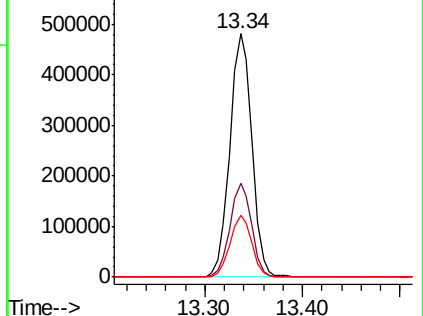
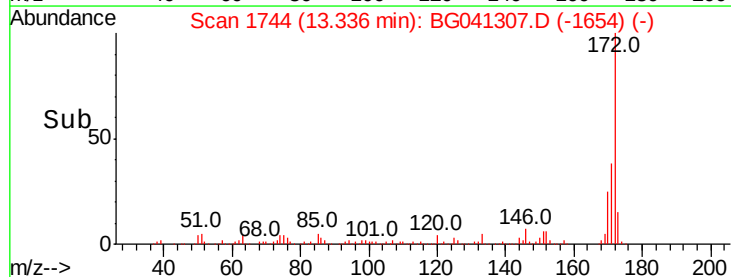
170 25.3 19.8 29.6

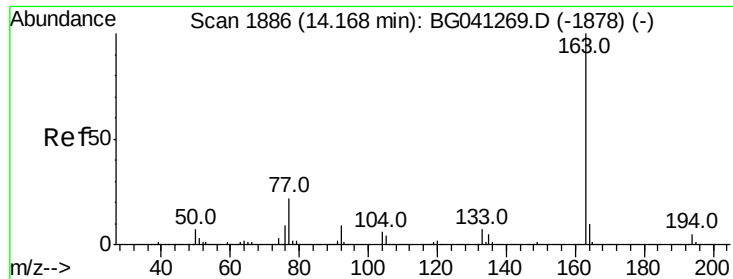


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.947 ng

RT: 14.16 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG041307.D

Acq: 18 Jun 2019 21:16

Instrument :

BNA_G

ClientSampleId :

TP-E

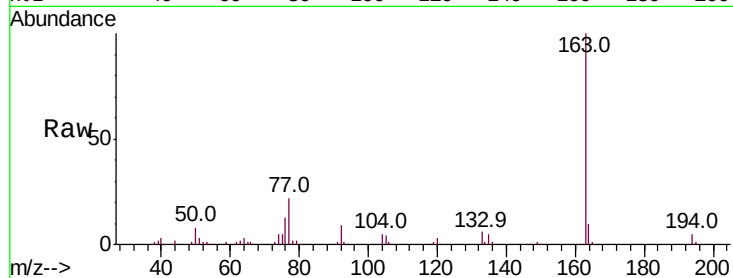
Tot Ion:163 Resp: 100437

Ion Ratio Lower Upper

163 100

194 4.6 3.9 5.9

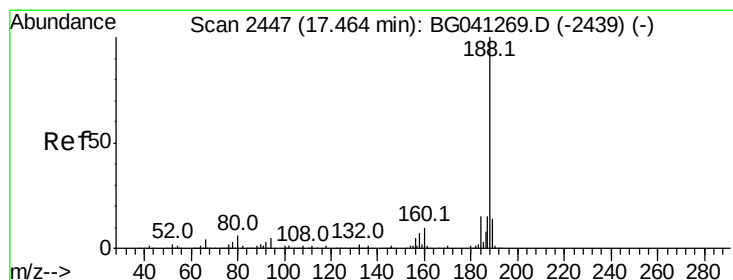
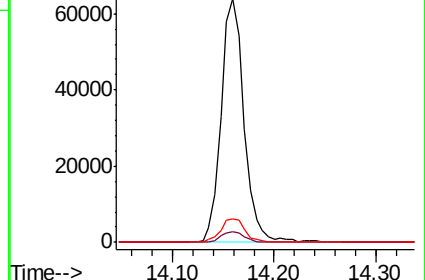
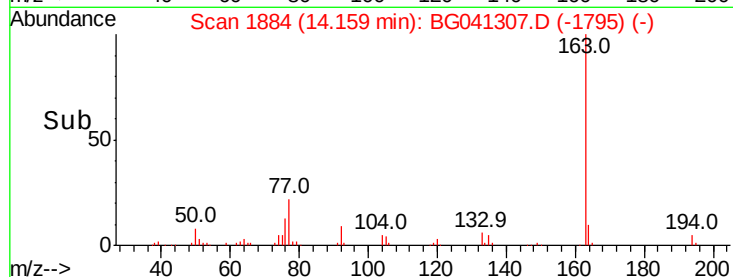
164 9.8 8.3 12.5



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# 2446

Delta R.T. -0.00 min

Lab File: BG041307.D

Acq: 18 Jun 2019 21:16

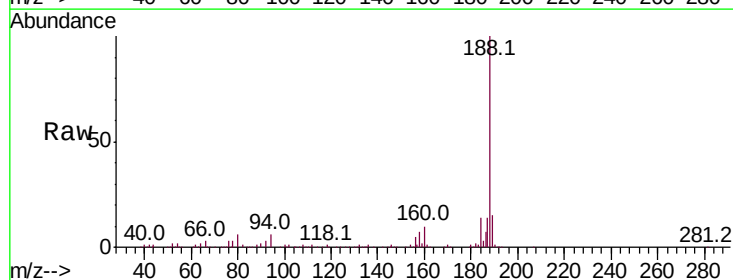
Tgt Ion:188 Resp: 276689

Ion Ratio Lower Upper

188 100

94 5.7 3.6 5.4#

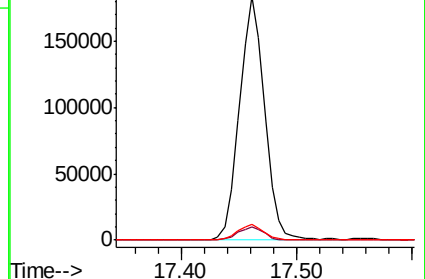
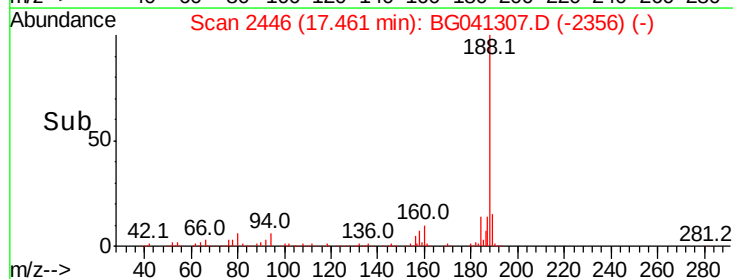
80 6.3 4.8 7.2

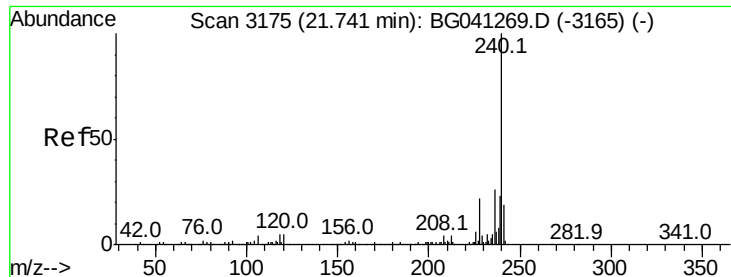


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

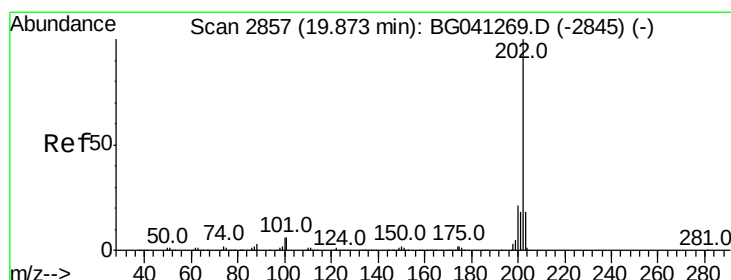
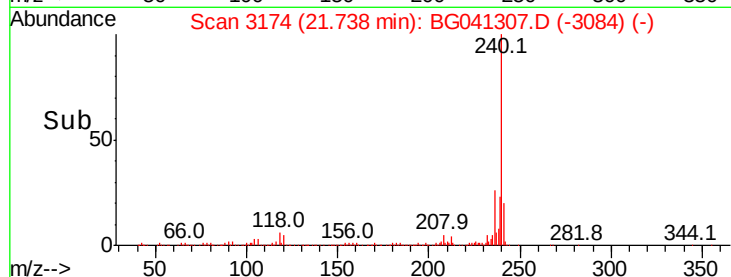
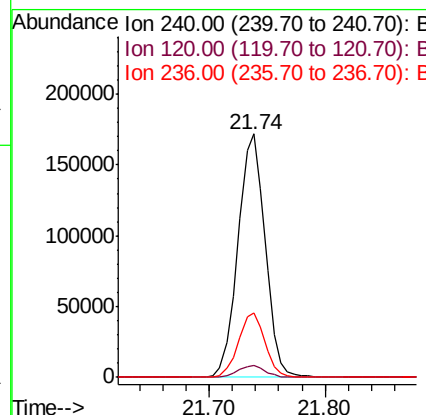
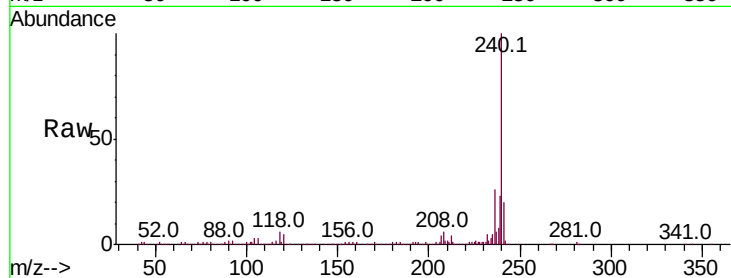




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: BG041307.D
 Acq: 18 Jun 2019 21:16

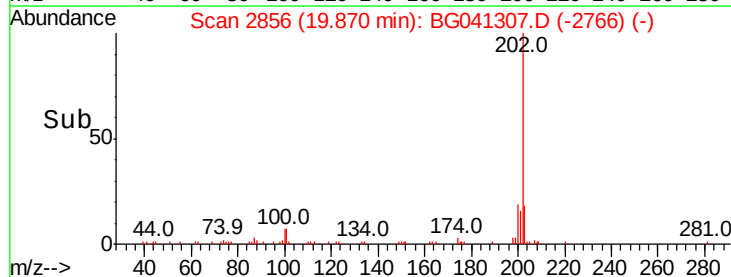
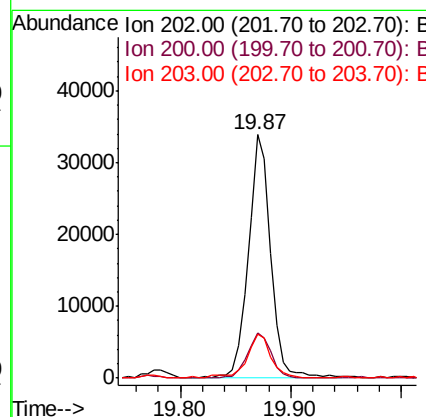
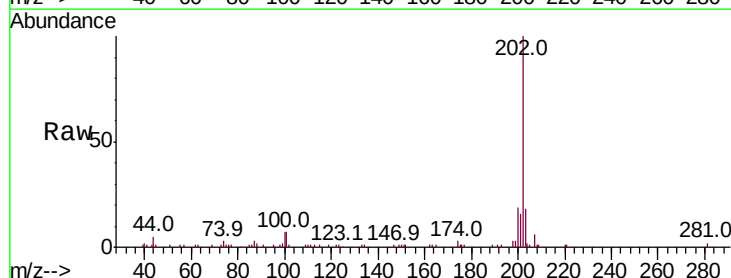
Instrument :
 BNA_G
 ClientSampleId :
 TP-E

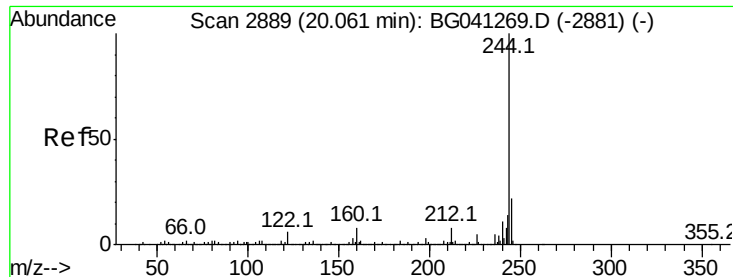
Tot Ion:240 Resp: 279926
 Ion Ratio Lower Upper
 240 100
 120 4.7 3.7 5.5
 236 26.2 21.1 31.7



#78
 Pyrene
 Concen: 2.552 ng
 RT: 19.87 min Scan# 2856
 Delta R.T. -0.00 min
 Lab File: BG041307.D
 Acq: 18 Jun 2019 21:16

Tgt Ion:202 Resp: 48186
 Ion Ratio Lower Upper
 202 100
 200 18.8 16.8 25.2
 203 18.3 14.6 21.8





#79

Terphenyl-d14

Concen: 86.165 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041307.D

Acq: 18 Jun 2019 21:16

Instrument :

BNA_G

ClientSampleId :

TP-E

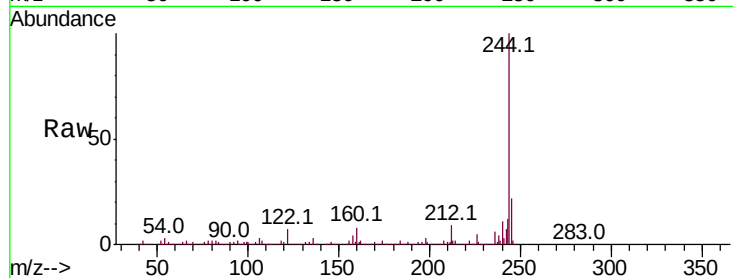
Tot Ion:244 Resp: 1217070

Ion Ratio Lower Upper

244 100

212 8.7 6.6 10.0

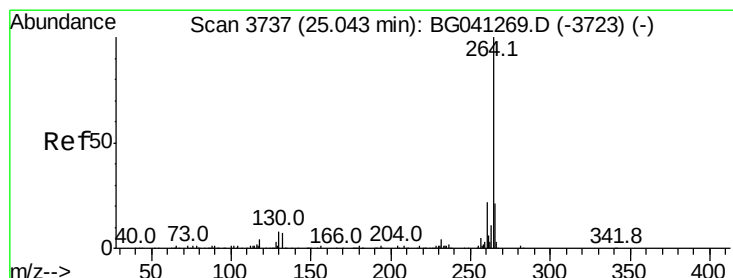
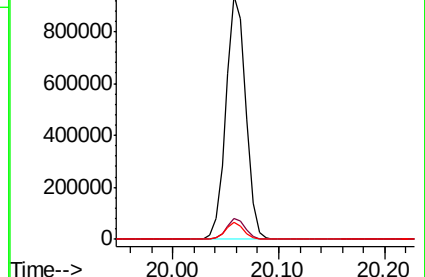
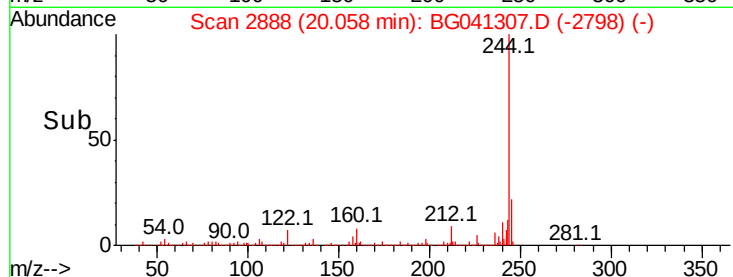
122 6.9 5.0 7.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3738

Delta R.T. 0.01 min

Lab File: BG041307.D

Acq: 18 Jun 2019 21:16

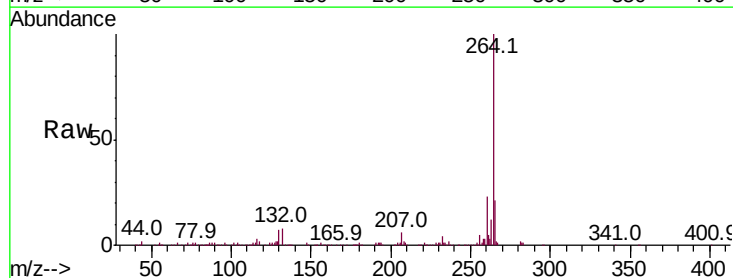
Tgt Ion:264 Resp: 296371

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.2

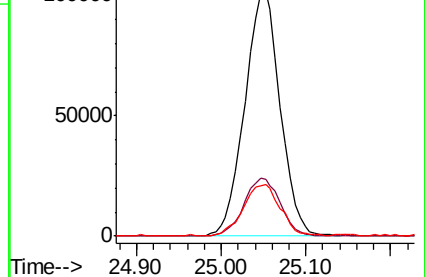
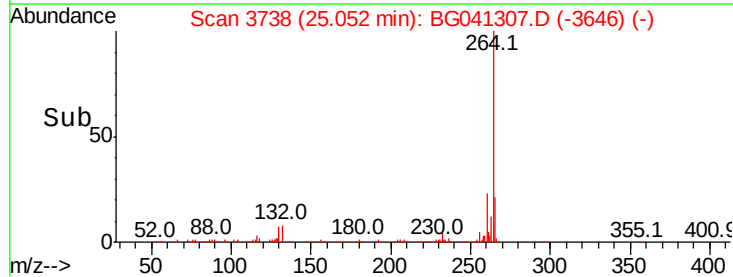
265 21.0 17.2 25.8

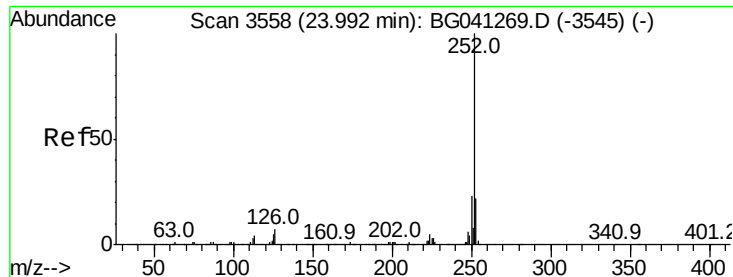


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.128 ng

RT: 23.98 min Scan# 3556

Delta R.T. -0.01 min

Lab File: BG041307.D

Acq: 18 Jun 2019 21:16

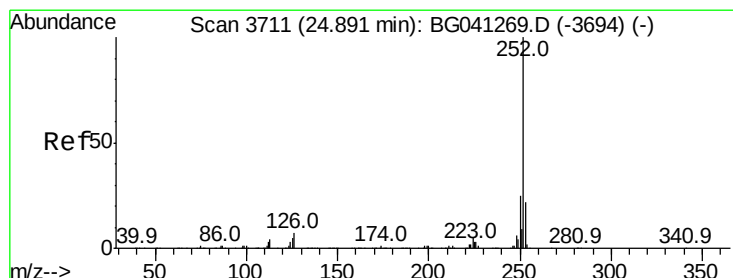
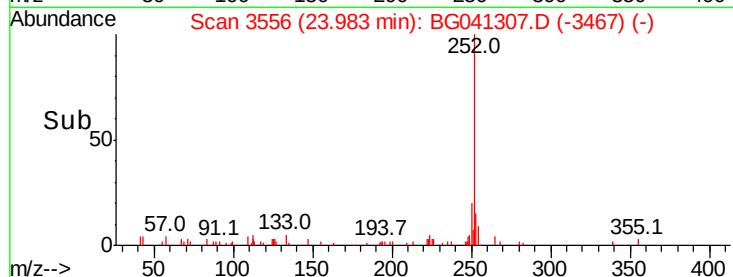
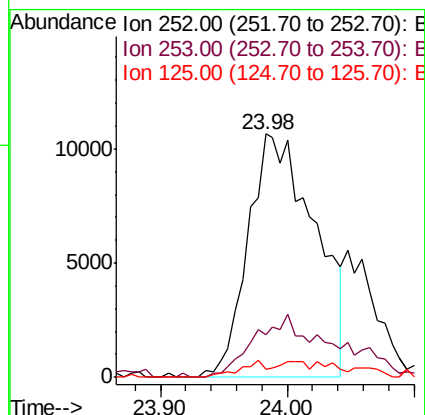
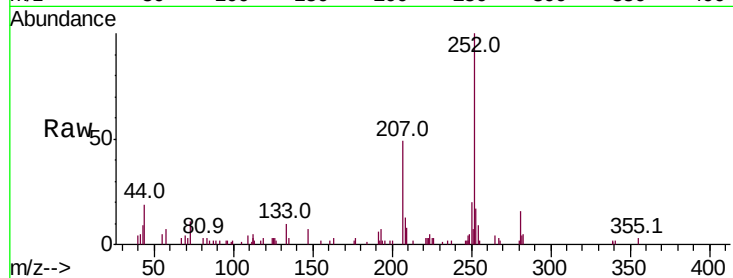
Instrument :

BNA_G

ClientSampled :

TP-E

Tot Ion:252	Resp:	39087
Ion Ratio	Lower	Upper
252	100	
253	17.5	17.4 26.0
125	3.3	3.9 5.9#



#90

Benzo(a)pyrene

Concen: 2.090 ng

RT: 24.89 min Scan# 3710

Delta R.T. -0.00 min

Lab File: BG041307.D

Acq: 18 Jun 2019 21:16

Tgt Ion:252	Resp:	36252
Ion Ratio	Lower	Upper
252	100	
253	25.1	17.8 26.6
125	4.5	4.2 6.4

