

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042640.D
 Acq On : 31 Aug 2019 18:25
 Operator : HP/JU
 Sample : K4593-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-3-(5-7)

Quant Time: Sep 01 00:30:02 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

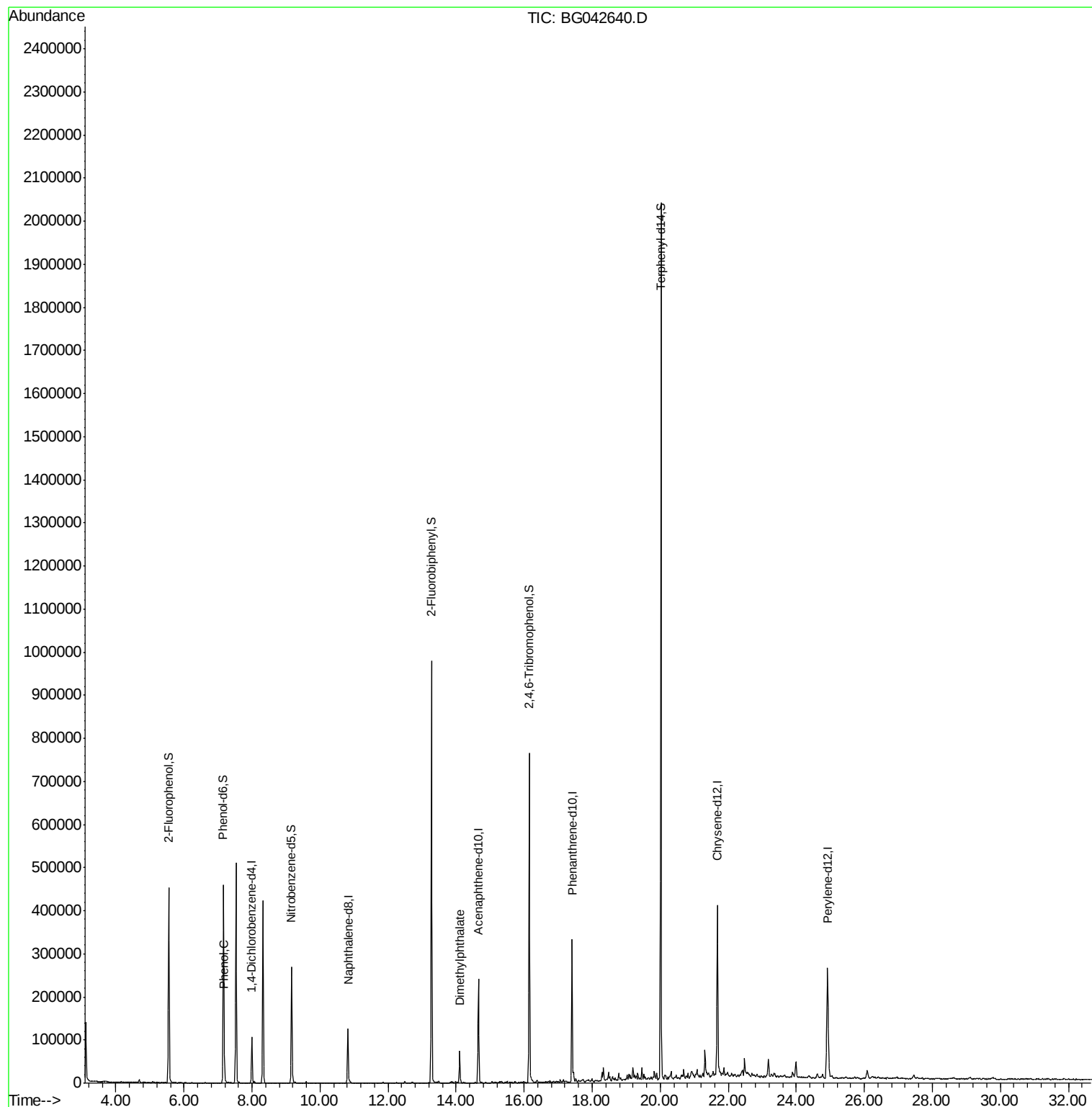
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	35294	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	131907	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	98561	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	226489	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	248034	20.00	ng	-0.01
87) Perylene-d12	24.92	264	293391	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	232430	133.38	ng	-0.01
7) Phenol-d6	7.16	99	311565	132.36	ng	-0.01
23) Nitrobenzene-d5	9.16	82	178106	93.31	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	192977	137.75	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	585963	100.55	ng	0.00
79) Terphenyl-d14	20.02	244	1079106	94.06	ng	0.00
Target Compounds						
10) Phenol	7.19	94	16776	7.009	ng	83
50) Dimethylphthalate	14.10	163	65604	9.225	ng	98

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

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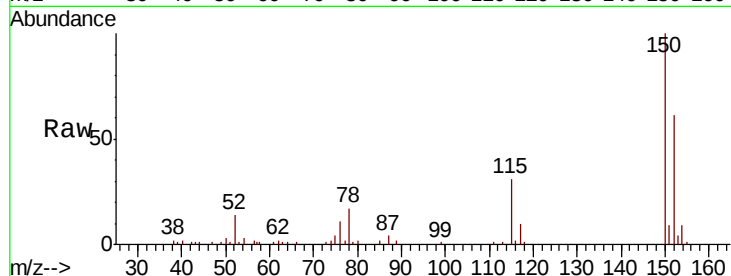


#1

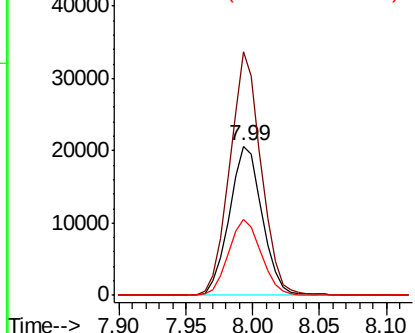
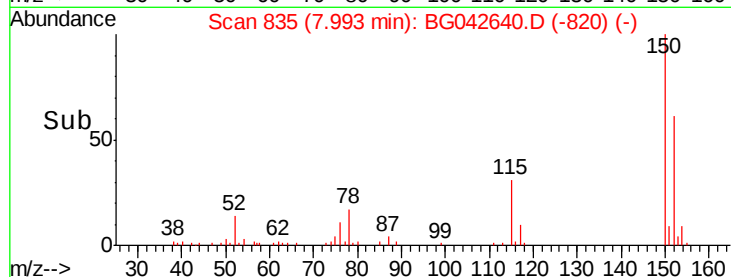
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042640.D
 Acq: 31 Aug 2019 18:25

Instrument :
 BNA_G
 ClientSampleId :
 S-3-(5-7)

Tot Ion:152 Resp: 35294
 Ion Ratio Lower Upper
 152 100
 150 163.5 125.4 188.0
 115 51.4 38.5 57.7



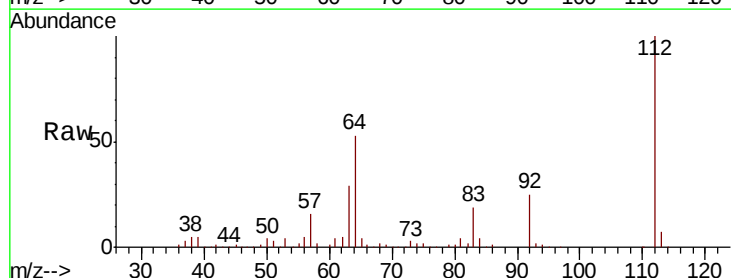
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



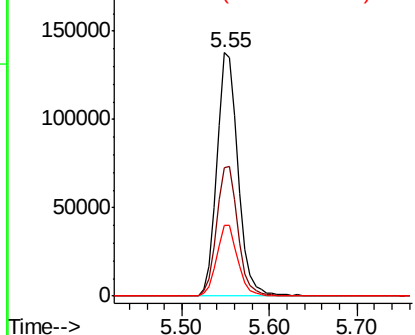
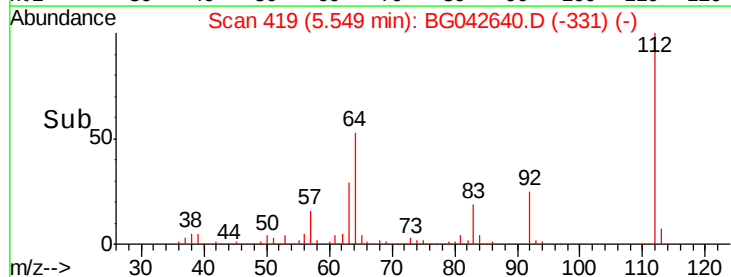
#5

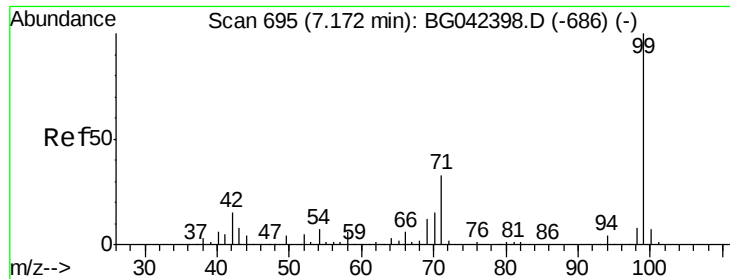
2-Fluorophenol
 Concen: 133.376 ng
 RT: 5.55 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BG042640.D
 Acq: 31 Aug 2019 18:25

Tgt Ion:112 Resp: 232430
 Ion Ratio Lower Upper
 112 100
 64 52.7 42.8 64.2
 63 29.3 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: 132.359 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042640.D

Acq: 31 Aug 2019 18:25

Instrument :

BNA_G

ClientSampleId :

S-3-(5-7)

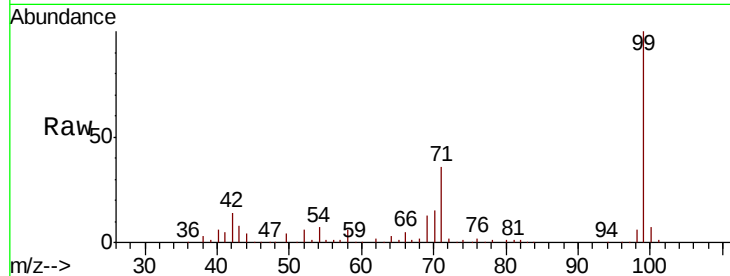
Tot Ion: 99 Resp: 311565

Ion Ratio Lower Upper

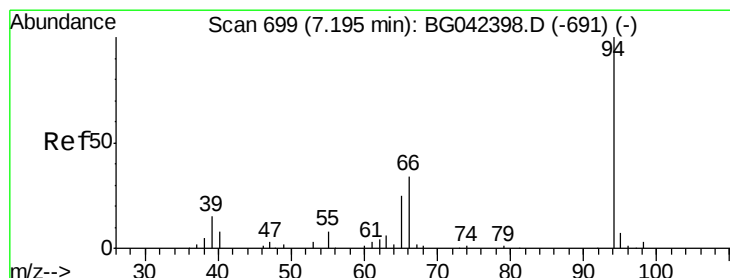
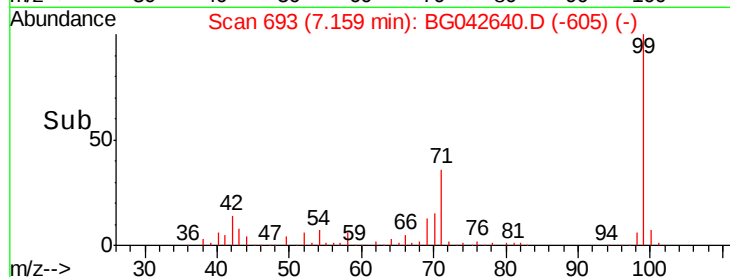
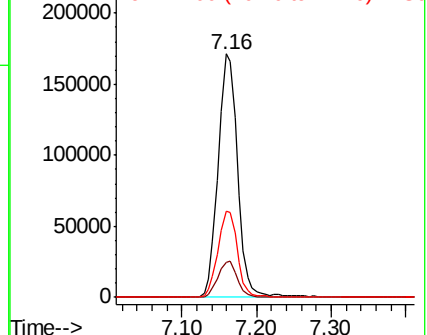
99 100

42 14.5 12.0 18.0

71 35.6 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: 7.009 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042640.D

Acq: 31 Aug 2019 18:25

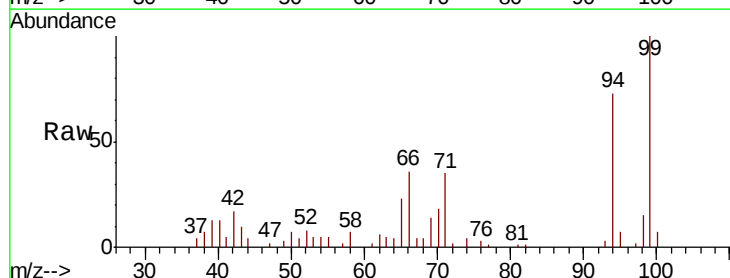
Tgt Ion: 94 Resp: 16776

Ion Ratio Lower Upper

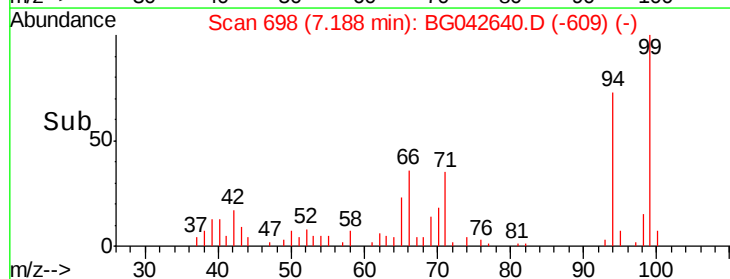
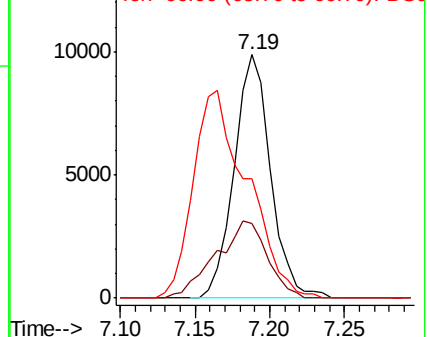
94 100

65 30.8 5.6 45.6

66 49.0 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

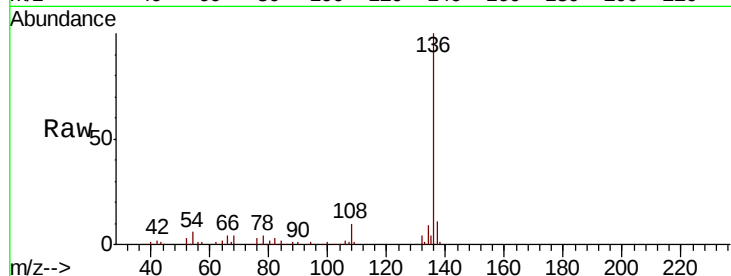




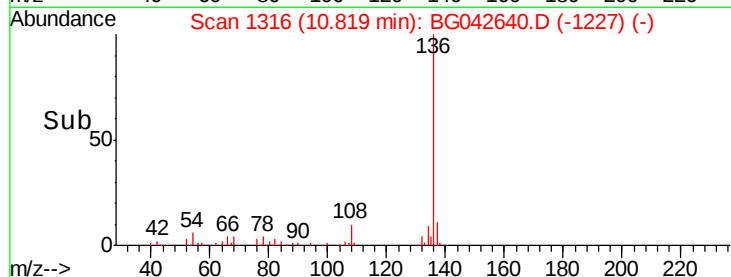
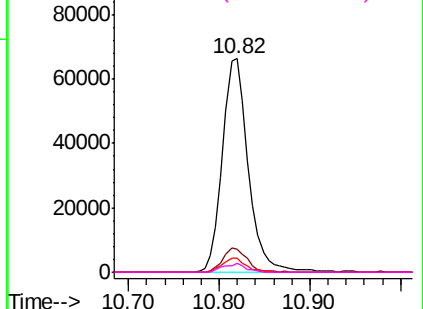
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042640.D
Acq: 31 Aug 2019 18:25

Instrument :
BNA_G
ClientSampleId :
S-3-(5-7)

Tot Ion:136	Resp:	131907
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.7	13.1
54 6.5	4.9	7.3
68 4.4	3.6	5.4

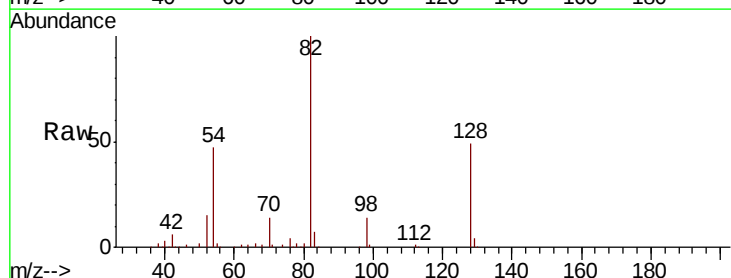


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

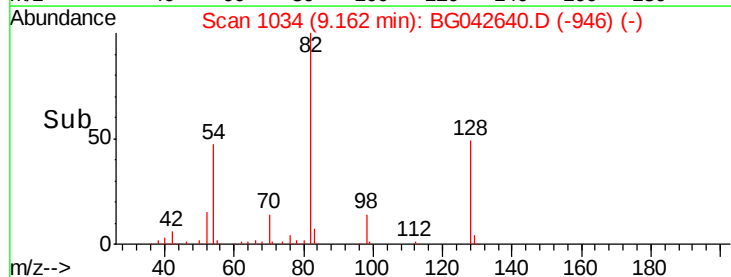
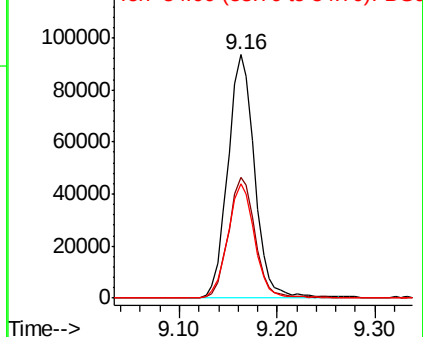


#23
Nitrobenzene-d5
Concen: 93.307 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042640.D
Acq: 31 Aug 2019 18:25

Tgt Ion: 82	Resp: 178106
Ion Ratio	Lower Upper
82 100	
128 49.4	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: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042640.D

Acq: 31 Aug 2019 18:25

Instrument :

BNA_G

ClientSampleId :

S-3-(5-7)

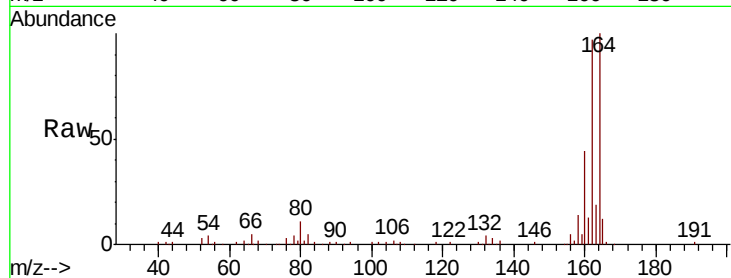
Tot Ion:164 Resp: 98561

Ion Ratio Lower Upper

164 100

162 96.7 79.9 119.9

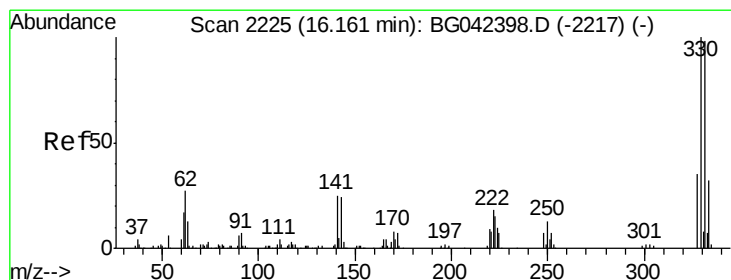
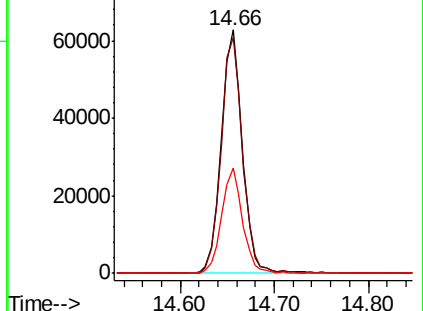
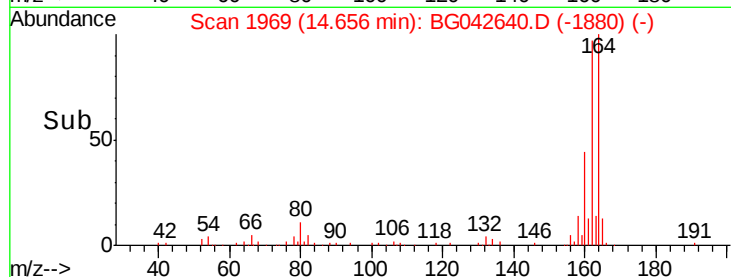
160 43.5 34.3 51.5



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: 137.754 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042640.D

Acq: 31 Aug 2019 18:25

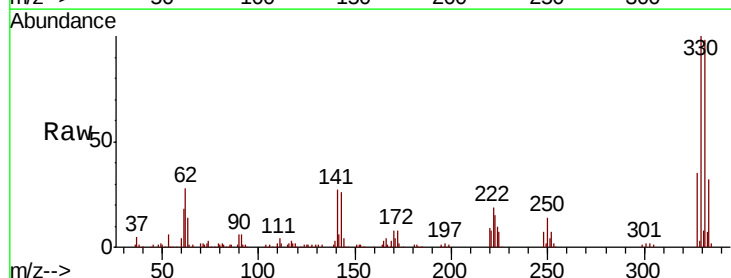
Tgt Ion:330 Resp: 192977

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

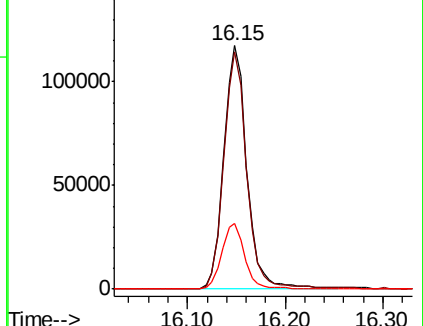
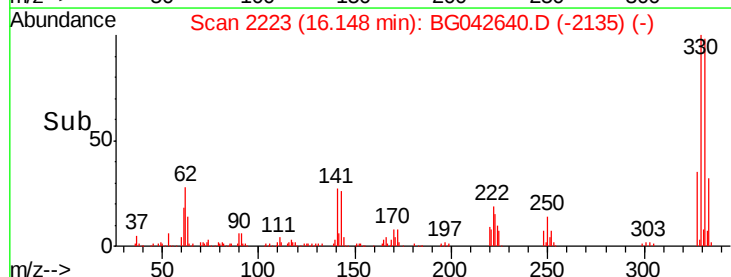
141 27.1 21.4 32.0



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

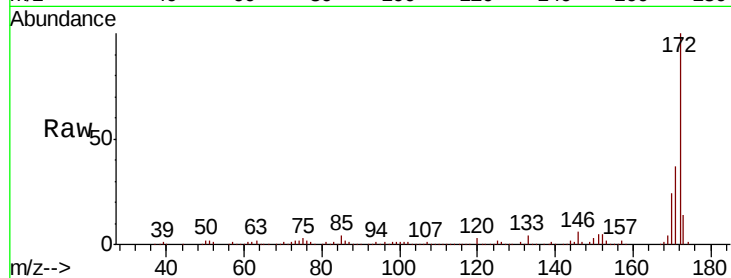




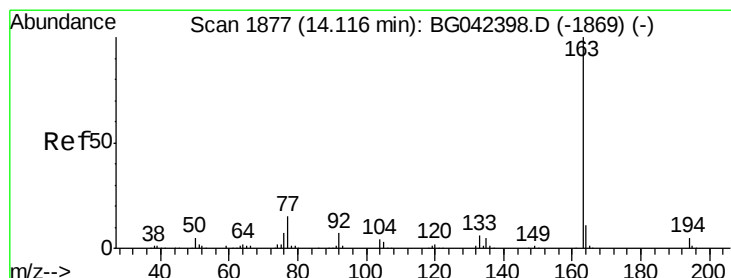
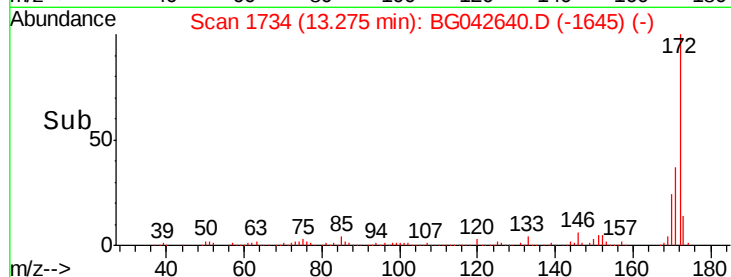
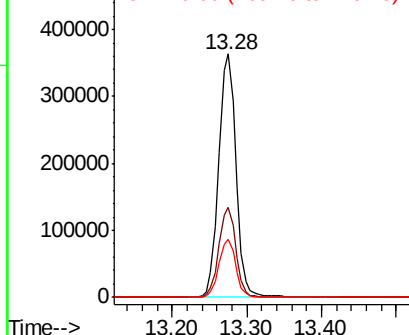
#45
 2-Fluorobiphenyl
 Concen: 100.550 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042640.D
 Acq: 31 Aug 2019 18:25

Instrument :
 BNA_G
 ClientSampleId :
 S-3-(5-7)

Tot Ion:172 Resp: 585963
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.5 45.7
 170 23.9 20.2 30.2

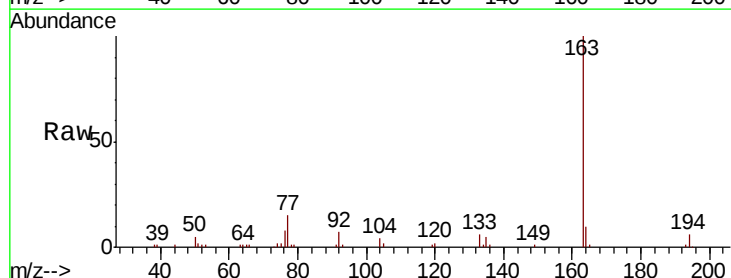


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

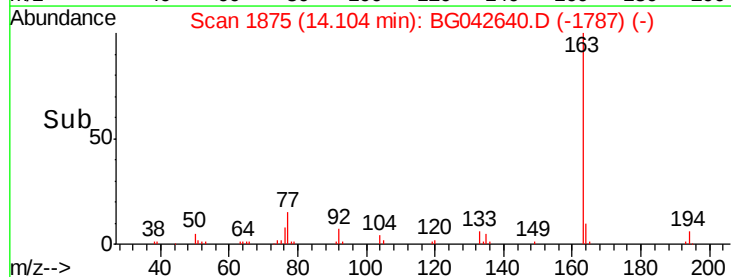
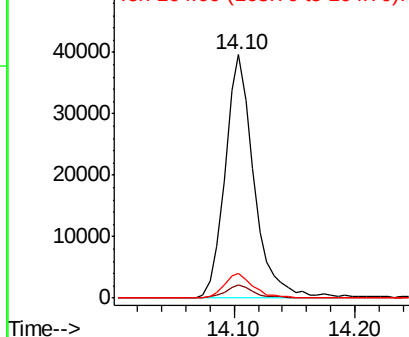


#50
 Dimethylphthalate
 Concen: 9.225 ng
 RT: 14.10 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG042640.D
 Acq: 31 Aug 2019 18:25

Tgt Ion:163 Resp: 65604
 Ion Ratio Lower Upper
 163 100
 194 5.5 4.2 6.2
 164 10.0 8.8 13.2



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: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042640.D

Acq: 31 Aug 2019 18:25

Instrument :

BNA_G

ClientSampleId :

S-3-(5-7)

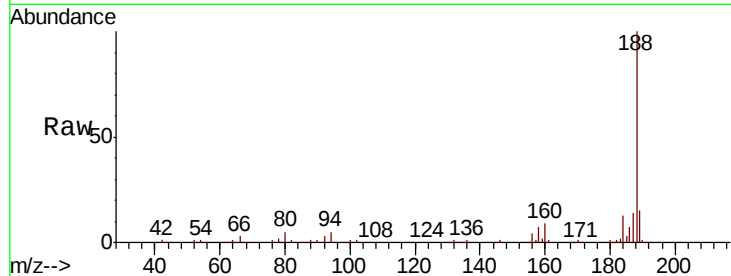
Tot Ion:188 Resp: 226489

Ion Ratio Lower Upper

188 100

94 5.1 4.5 6.7

80 4.7 4.9 7.3#



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

17.41

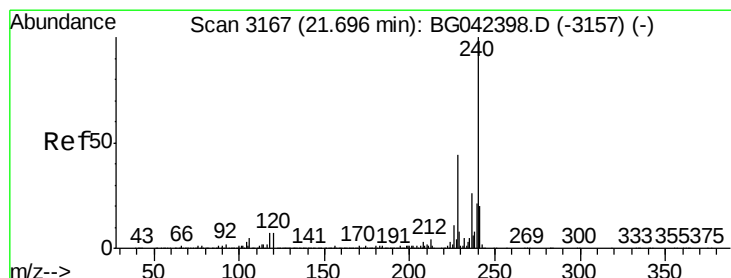
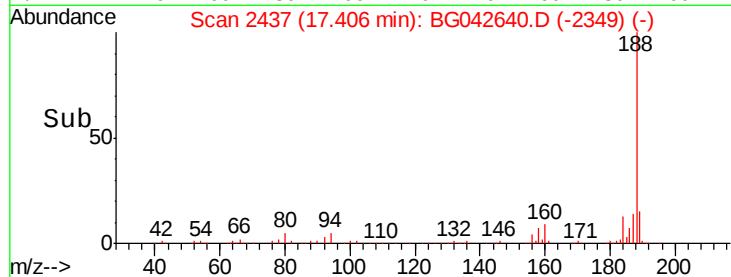
150000

100000

50000

0

Time--> 17.30 17.40 17.50



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042640.D

Acq: 31 Aug 2019 18:25

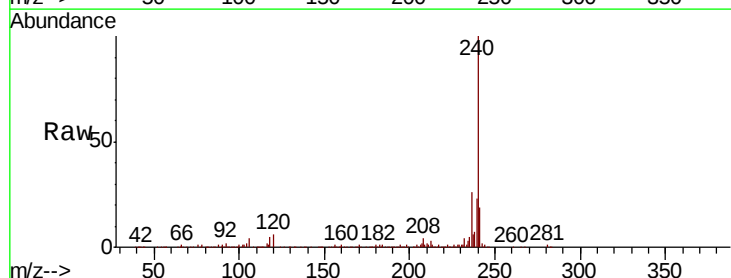
Tgt Ion:240 Resp: 248034

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5#

236 25.8 21.0 31.4



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

21.68

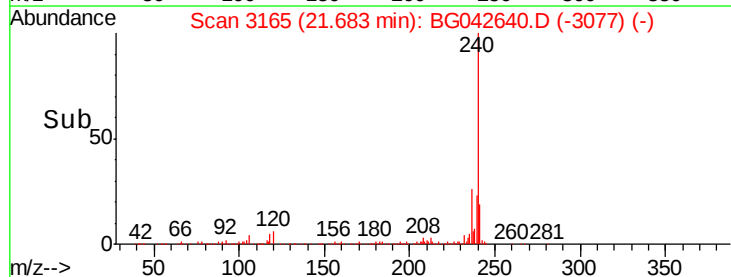
150000

100000

50000

0

Time--> 21.60 21.70 21.80





#79

Terphenyl-d14

Concen: 94.057 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042640.D

Acq: 31 Aug 2019 18:25

Instrument :

BNA_G

ClientSampled :

S-3-(5-7)

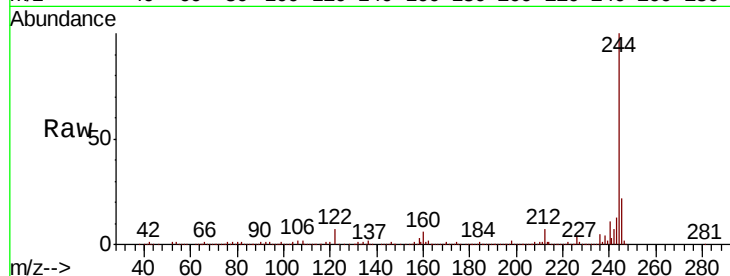
Tot Ion:244 Resp: 1079106

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

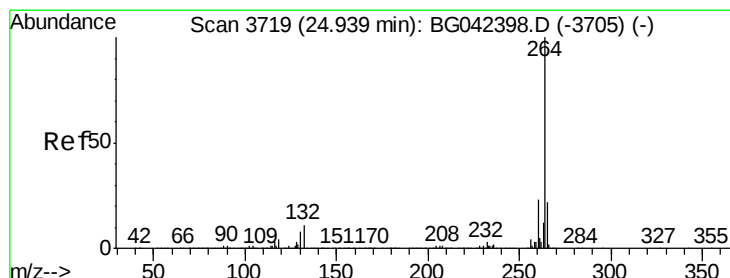
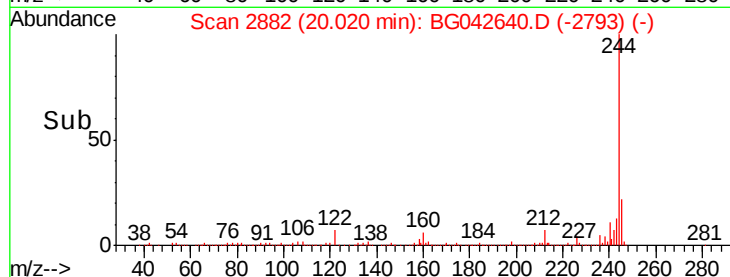
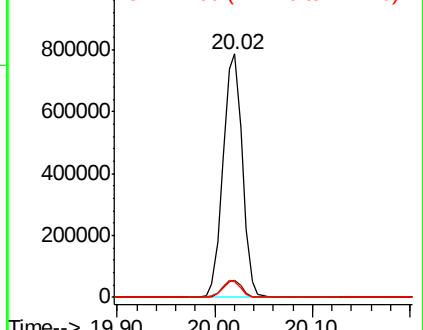
122 6.7 6.7 10.1#



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: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042640.D

Acq: 31 Aug 2019 18:25

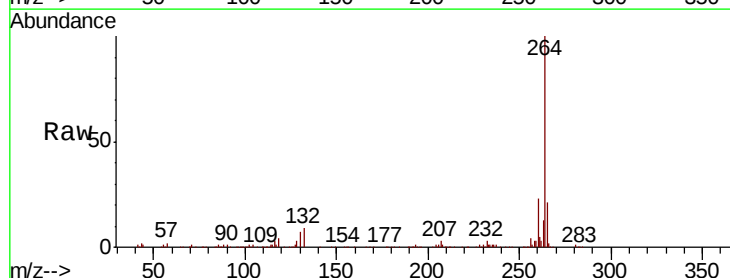
Tgt Ion:264 Resp: 293391

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 21.3 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

