

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042541.D
 Acq On : 28 Aug 2019 20:36
 Operator : HP/JU
 Sample : K4536-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-25-27

Quant Time: Aug 29 07:28:27 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

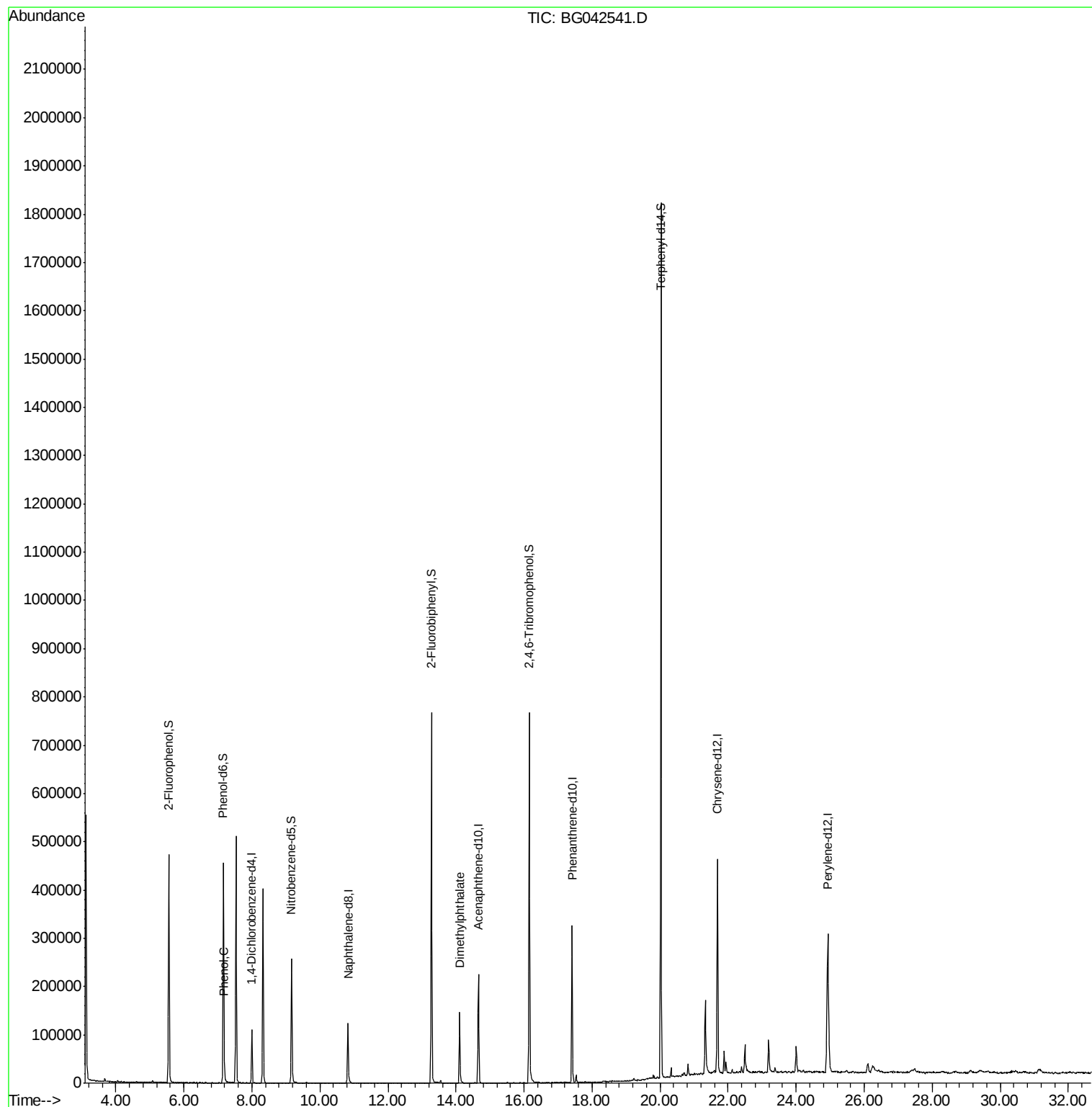
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	36836	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	131630	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	94336	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	238483	20.00	ng	0.00
76) Chrysene-d12	21.69	240	296750	20.00	ng	0.00
87) Perylene-d12	24.93	264	353158	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	243152	133.69	ng	0.00
7) Phenol-d6	7.16	99	311868	126.94	ng	0.00
23) Nitrobenzene-d5	9.17	82	173953	91.32	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	210326	156.86	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	479127	85.90	ng	0.00
79) Terphenyl-d14	20.02	244	987596	71.95	ng	0.00
Target Compounds						
10) Phenol	7.19	94	8191	3.279	ng	75
50) Dimethylphthalate	14.11	163	134587	19.773	ng	99

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

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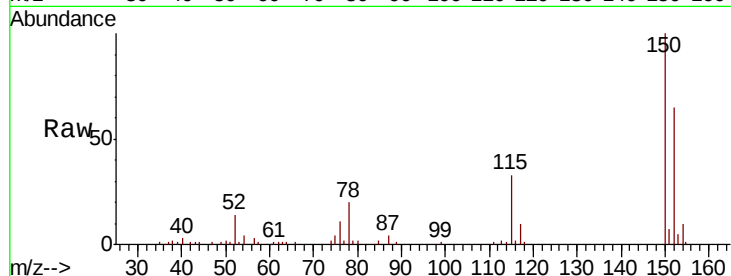


#1

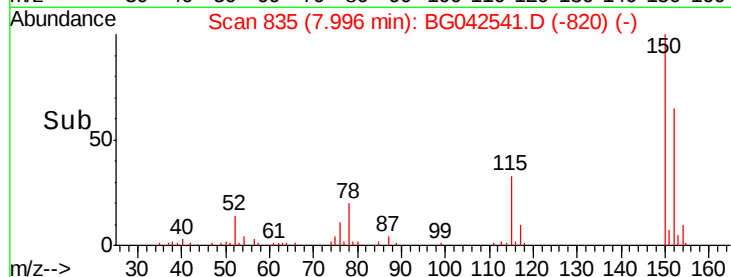
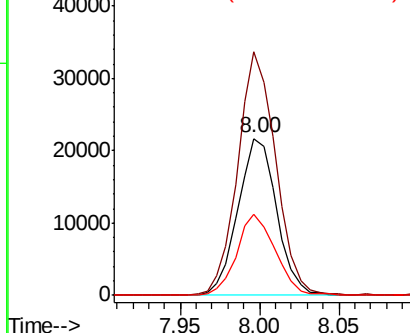
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042541.D
Acq: 28 Aug 2019 20:36

Instrument :
BNA_G
ClientSampleId :
SB-1-25-27

Tot Ion:152 Resp: 36836
Ion Ratio Lower Upper
152 100
150 154.9 125.4 188.0
115 51.7 38.5 57.7



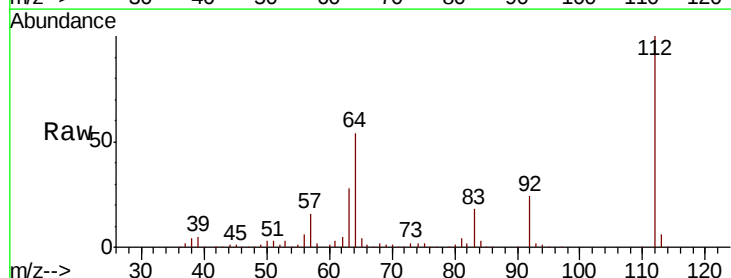
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



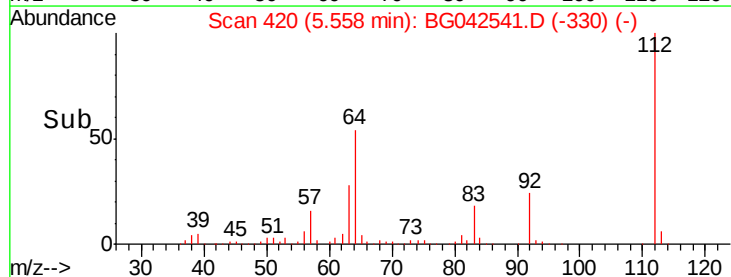
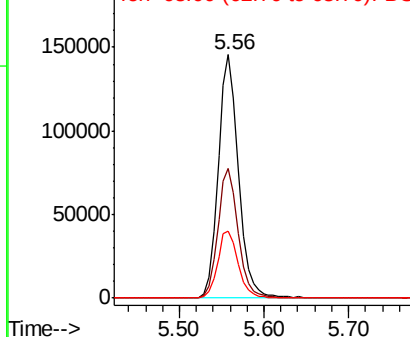
#5

2-Fluorophenol
Concen: 133.688 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042541.D
Acq: 28 Aug 2019 20:36

Tgt Ion:112 Resp: 243152
Ion Ratio Lower Upper
112 100
64 53.5 42.8 64.2
63 27.7 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: 126.941 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042541.D

Acq: 28 Aug 2019 20:36

Instrument :

BNA_G

ClientSampleId :

SB-1-25-27

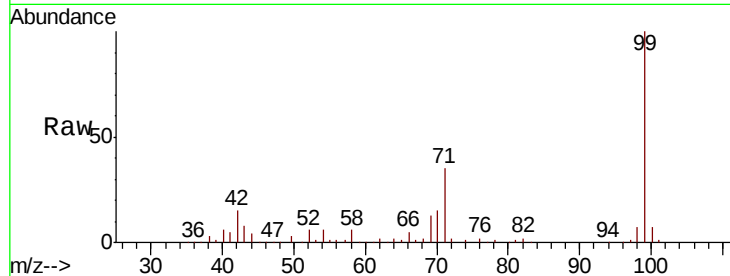
Tot Ion: 99 Resp: 311868

Ion Ratio Lower Upper

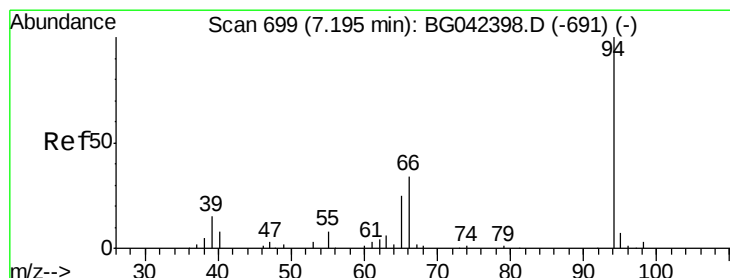
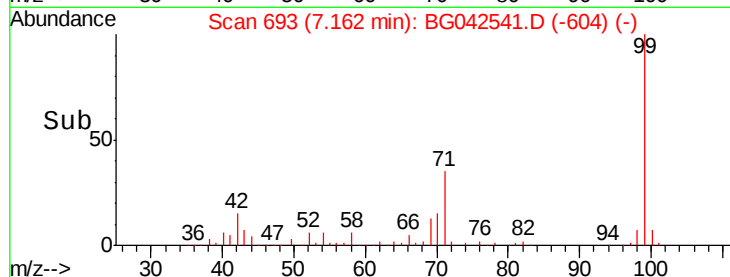
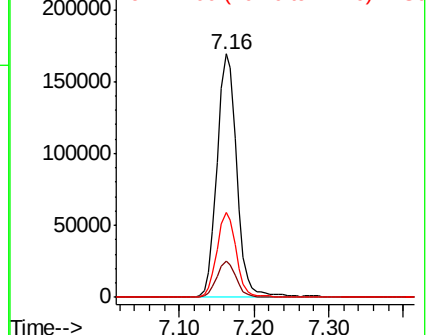
99 100

42 14.9 12.0 18.0

71 35.1 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: 3.279 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042541.D

Acq: 28 Aug 2019 20:36

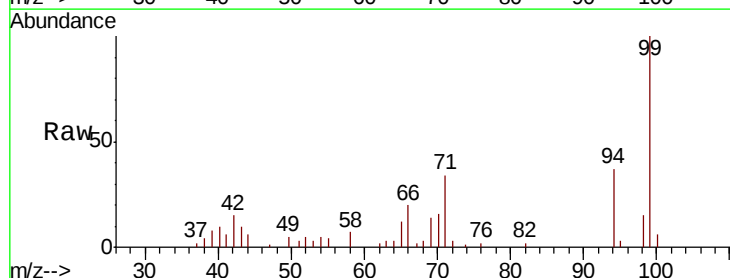
Tgt Ion: 94 Resp: 8191

Ion Ratio Lower Upper

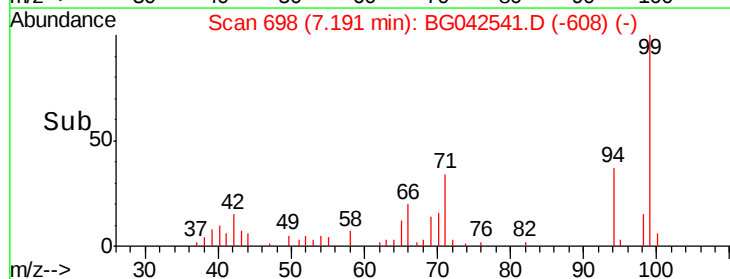
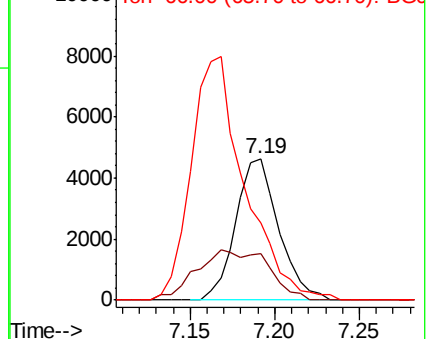
94 100

65 33.1 5.6 45.6

66 54.8 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

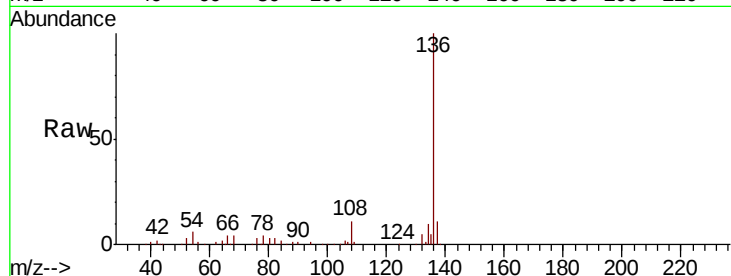




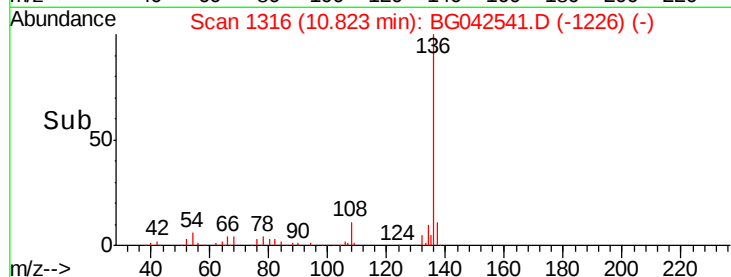
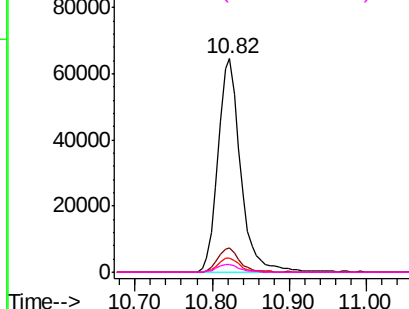
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042541.D
Acq: 28 Aug 2019 20:36

Instrument :
BNA_G
ClientSampleId :
SB-1-25-27

Tot Ion:136	Resp:	131630
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.7	13.1
54 6.5	4.9	7.3
68 3.9	3.6	5.4

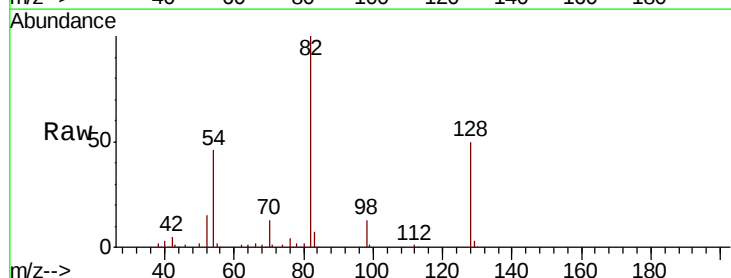


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

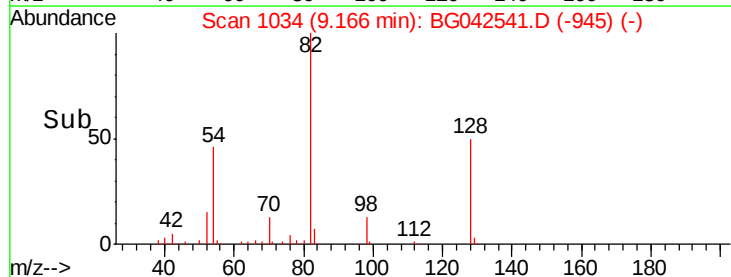
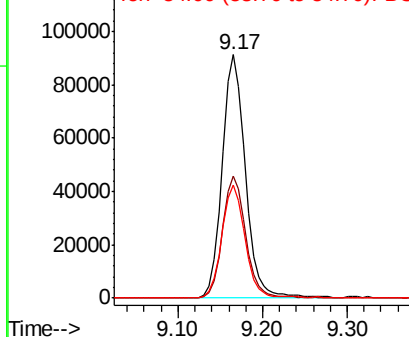


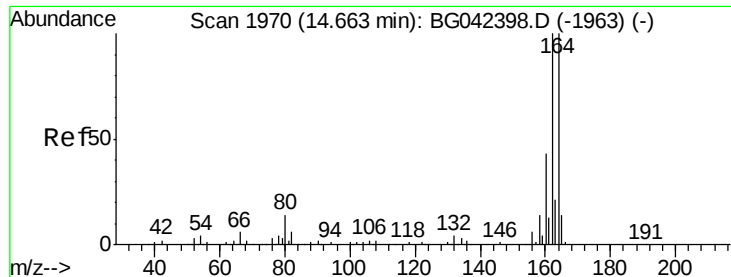
#23
Nitrobenzene-d5
Concen: 91.323 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042541.D
Acq: 28 Aug 2019 20:36

Tgt Ion: 82	Resp: 173953
Ion Ratio	Lower Upper
82 100	
128 50.1	40.7 61.1
54 46.3	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. -0.00 min

Lab File: BG042541.D

Acq: 28 Aug 2019 20:36

Instrument :

BNA_G

ClientSampleId :

SB-1-25-27

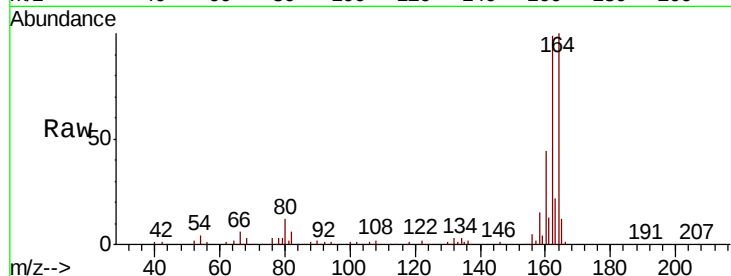
Tot Ion:164 Resp: 94336

Ion Ratio Lower Upper

164 100

162 99.4 79.9 119.9

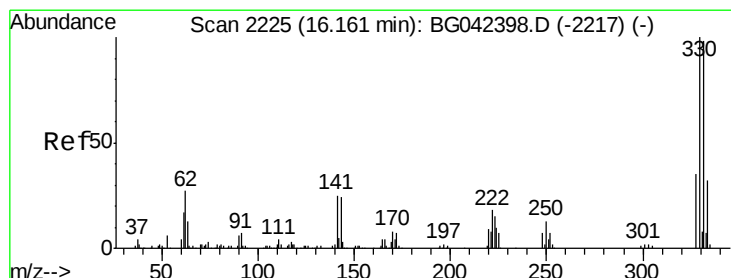
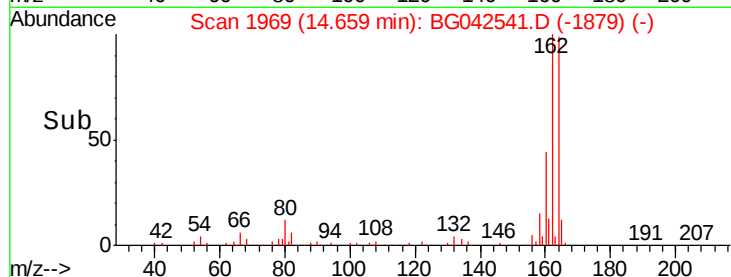
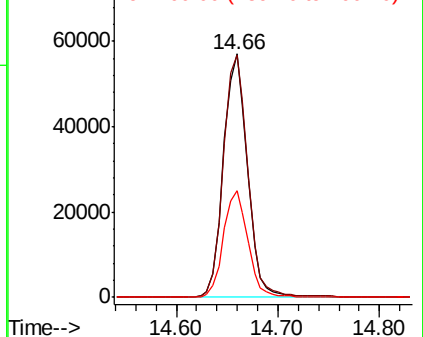
160 43.8 34.3 51.5



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: 156.862 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042541.D

Acq: 28 Aug 2019 20:36

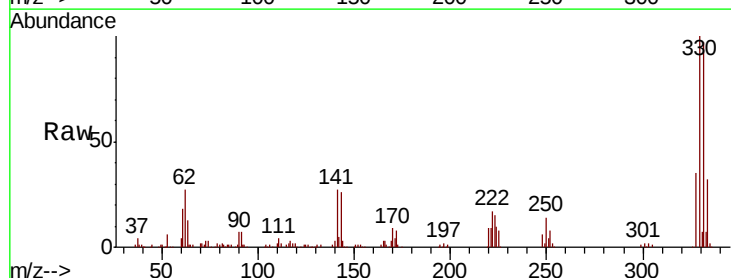
Tgt Ion:330 Resp: 210326

Ion Ratio Lower Upper

330 100

332 94.2 77.4 116.0

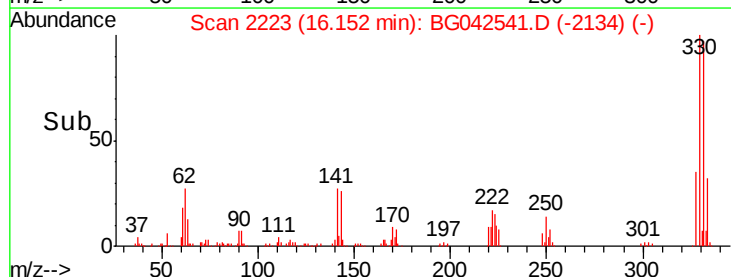
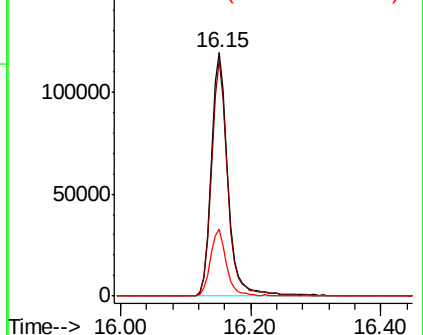
141 26.7 21.4 32.0



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

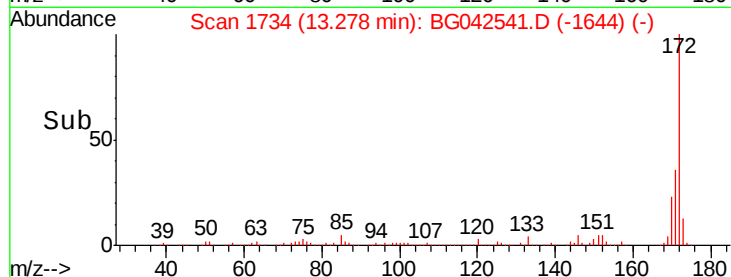
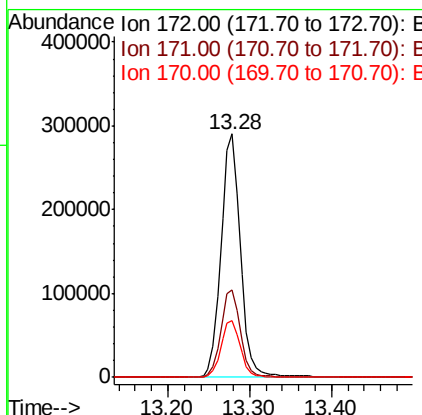
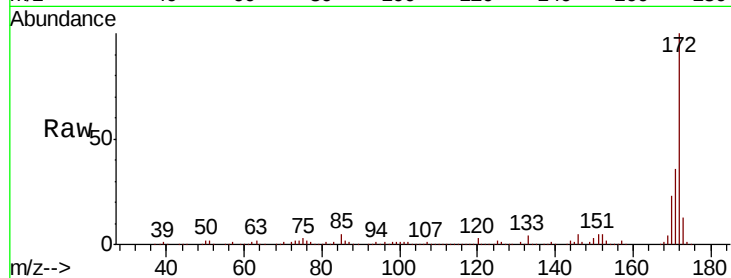




#45
 2-Fluorobiphenyl
 Concen: 85.899 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042541.D
 Acq: 28 Aug 2019 20:36

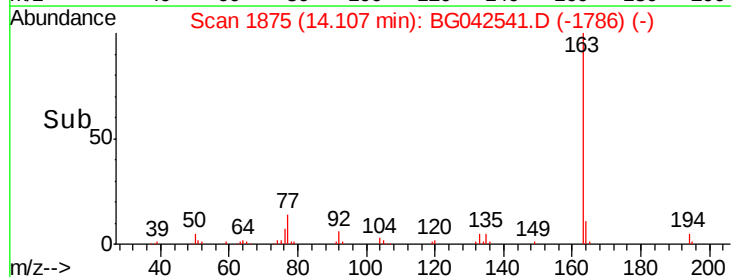
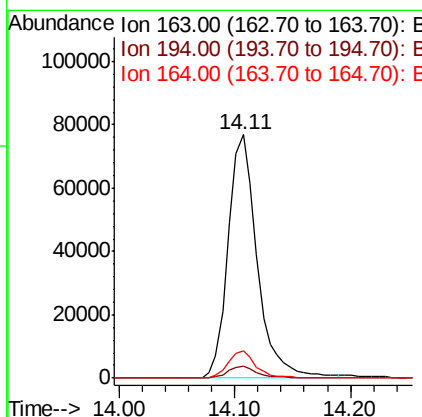
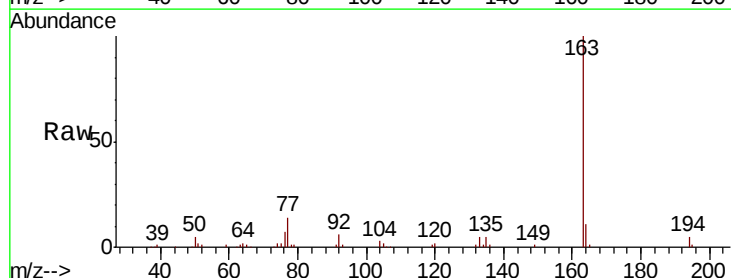
Instrument :
 BNA_G
 ClientSampleId :
 SB-1-25-27

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.5	45.7
170	23.1	20.2	30.2



#50
 Dimethylphthalate
 Concen: 19.773 ng
 RT: 14.11 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG042541.D
 Acq: 28 Aug 2019 20:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.2	6.2
164	11.3	8.8	13.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042541.D

Acq: 28 Aug 2019 20:36

Instrument :

BNA_G

ClientSampleId :

SB-1-25-27

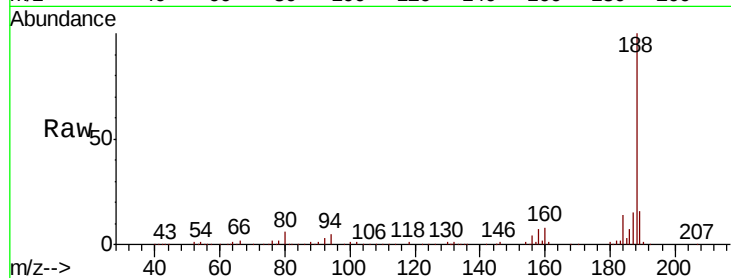
Tot Ion:188 Resp: 238483

Ion Ratio Lower Upper

188 100

94 5.0 4.5 6.7

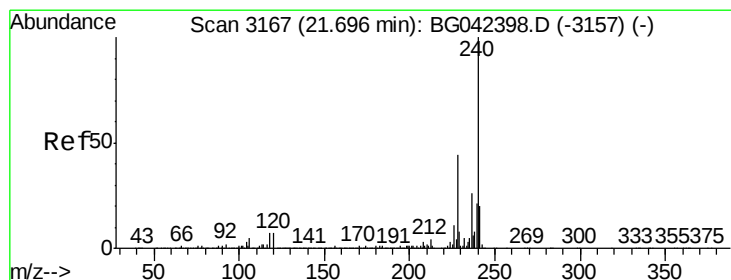
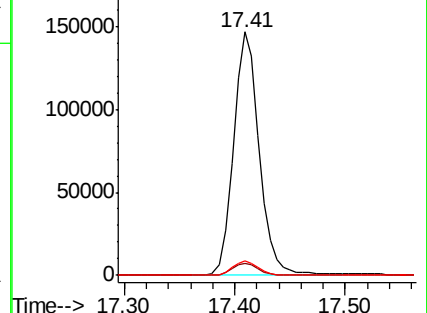
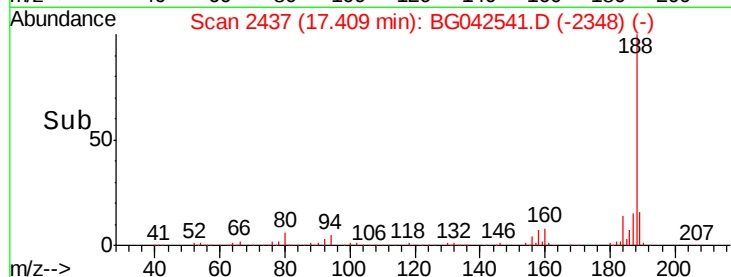
80 6.1 4.9 7.3



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042541.D

Acq: 28 Aug 2019 20:36

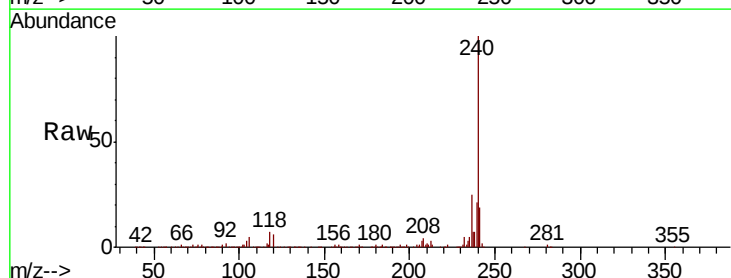
Tgt Ion:240 Resp: 296750

Ion Ratio Lower Upper

240 100

120 6.4 5.7 8.5

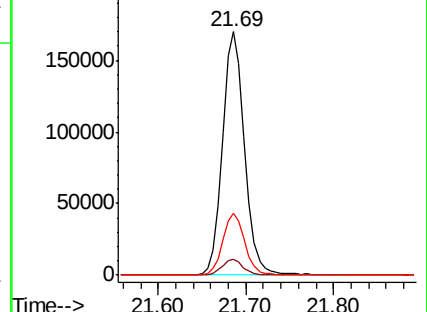
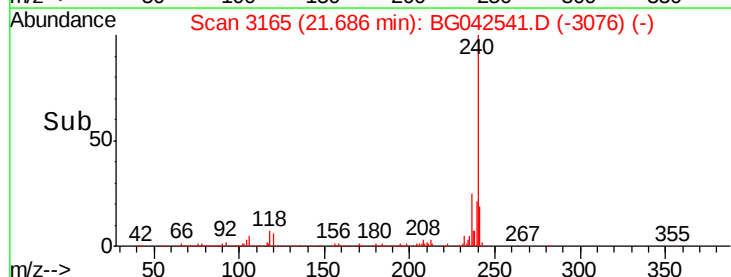
236 25.4 21.0 31.4



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





#79

Terphenyl-d14

Concen: 71.950 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042541.D

Acq: 28 Aug 2019 20:36

Instrument :

BNA_G

ClientSampleId :

SB-1-25-27

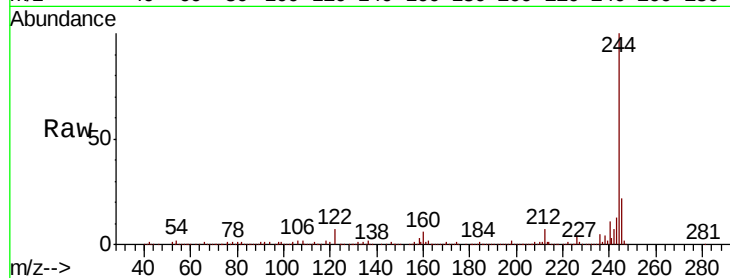
Tot Ion:244 Resp: 987596

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

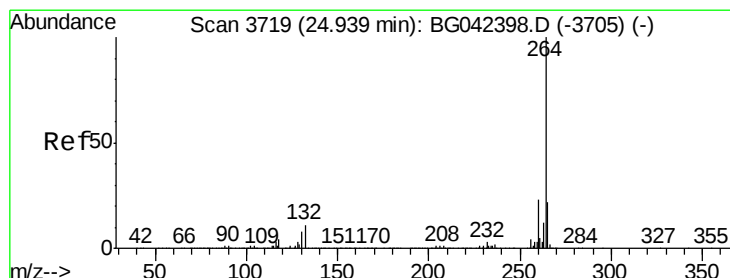
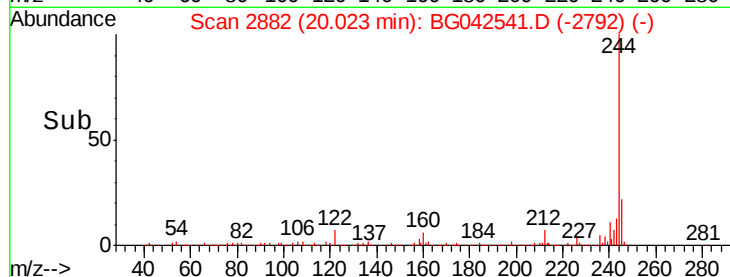
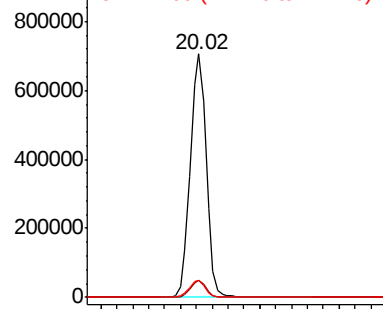
122 7.2 6.7 10.1



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# 3717

Delta R.T. -0.01 min

Lab File: BG042541.D

Acq: 28 Aug 2019 20:36

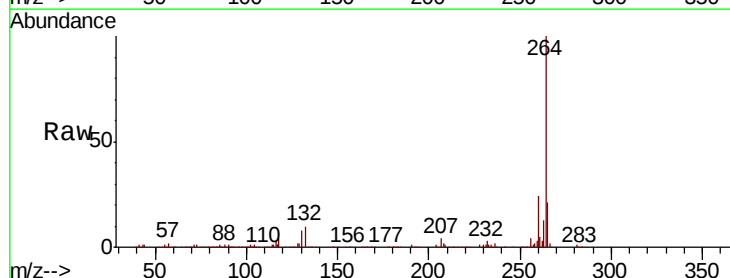
Tgt Ion:264 Resp: 353158

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.4 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

