

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG082819\
 Data File : BG042539.D
 Acq On : 28 Aug 2019 19:18
 Operator : HP/JU
 Sample : K4571-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 29 07:24:37 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

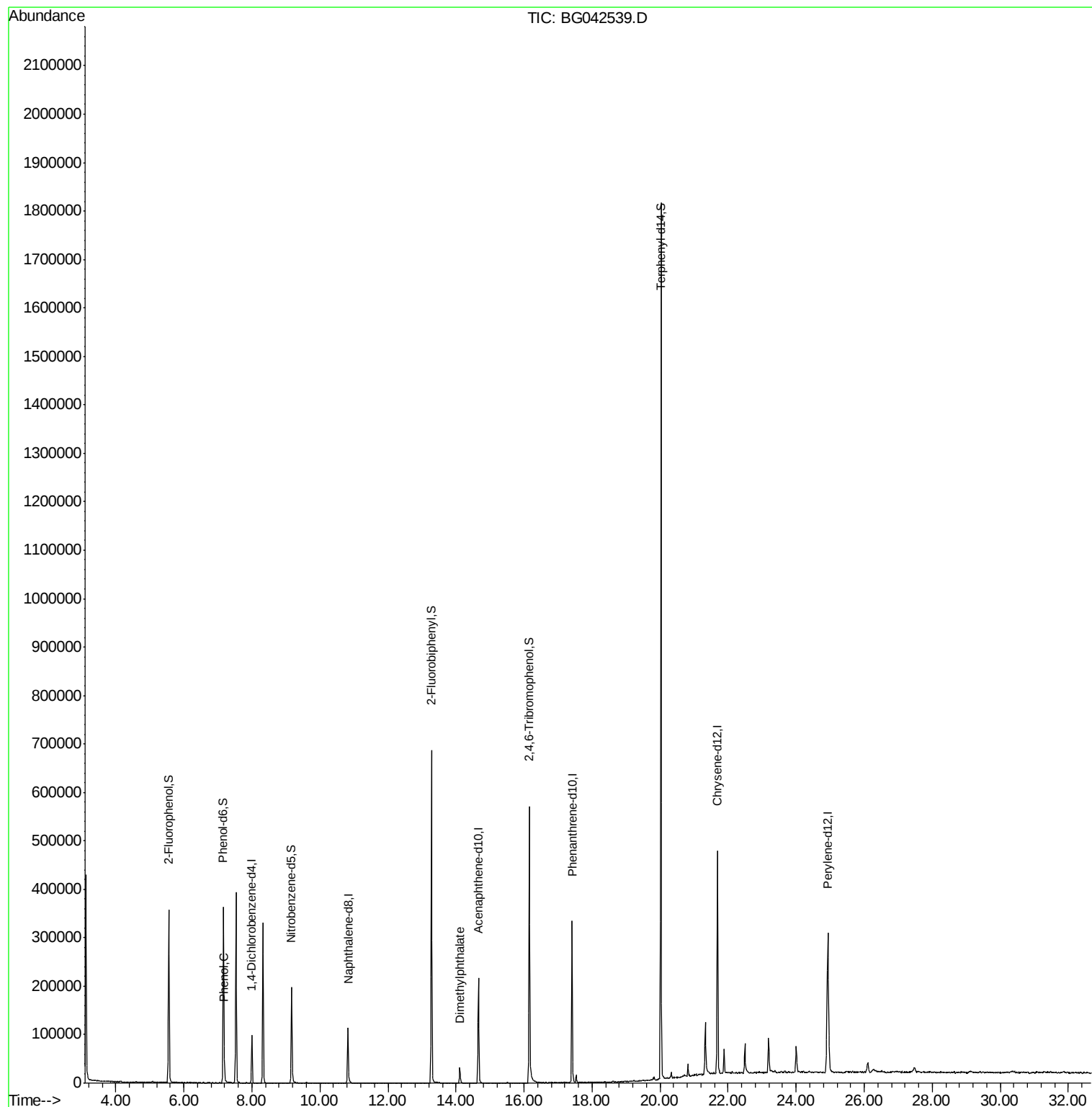
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	34174	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	124923	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	92228	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	242683	20.00	ng	0.00
76) Chrysene-d12	21.69	240	299444	20.00	ng	0.00
87) Perylene-d12	24.93	264	350751	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	188371	111.64	ng	0.00
7) Phenol-d6	7.16	99	243217	106.71	ng	0.00
23) Nitrobenzene-d5	9.17	82	135005	74.68	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	168381	128.45	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	423816	77.72	ng	0.00
79) Terphenyl-d14	20.02	244	967185	69.83	ng	0.00
Target Compounds						
10) Phenol	7.19	94	13478	5.816	ng	87
50) Dimethylphthalate	14.11	163	35870	5.390	ng	99

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

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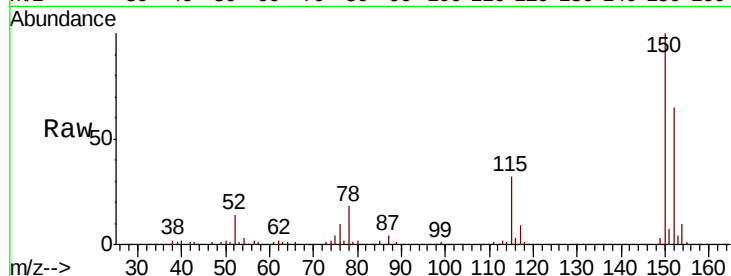


#1

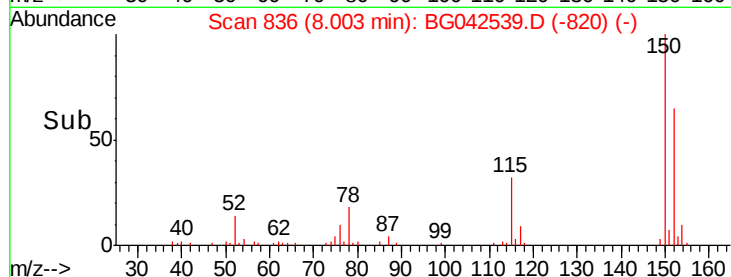
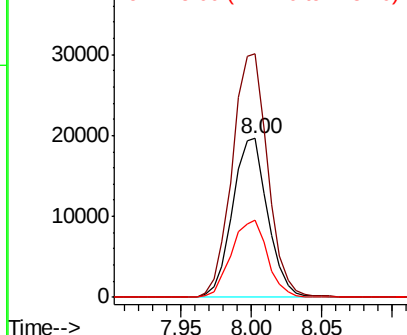
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042539.D
Acq: 28 Aug 2019 19:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34174
Ion Ratio Lower Upper
152 100
150 153.2 125.4 188.0
115 48.9 38.5 57.7



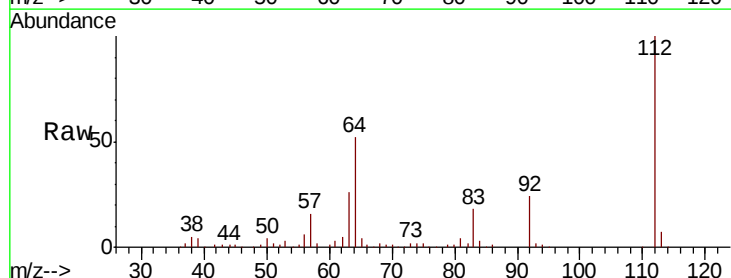
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



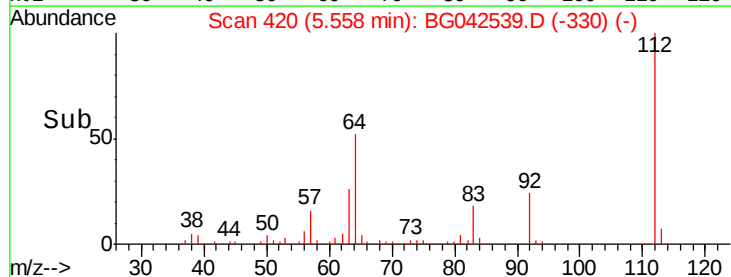
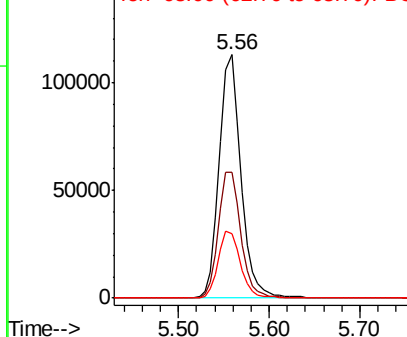
#5

2-Fluorophenol
Concen: 111.636 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042539.D
Acq: 28 Aug 2019 19:18

Tgt Ion:112 Resp: 188371
Ion Ratio Lower Upper
112 100
64 51.7 42.8 64.2
63 26.4 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 106.709 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042539.D

Acq: 28 Aug 2019 19:18

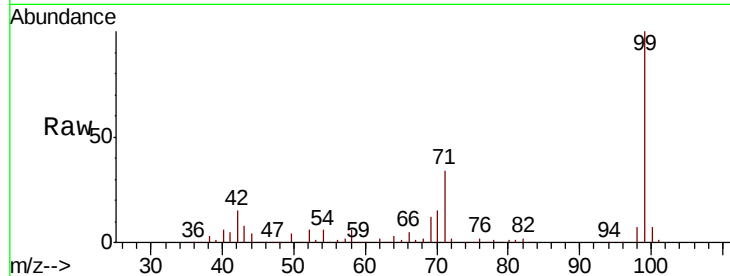
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 243217

Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.0	18.0
71	34.0	26.3	39.5

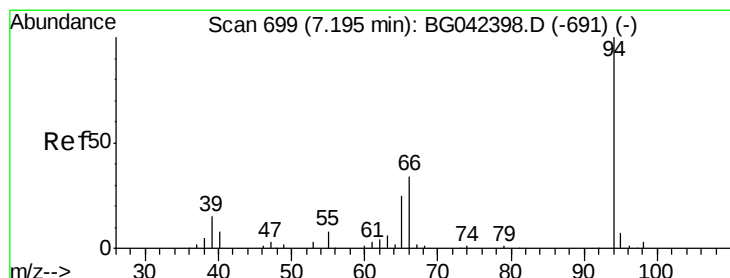
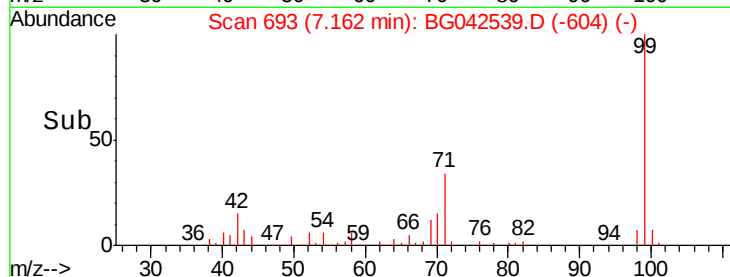
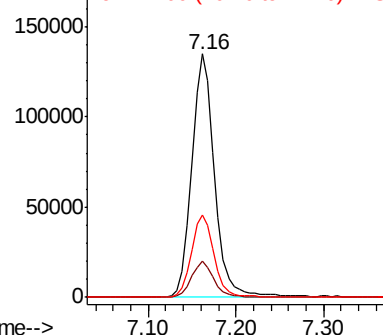


Abundance

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: 5.816 ng

RT: 7.19 min Scan# 698

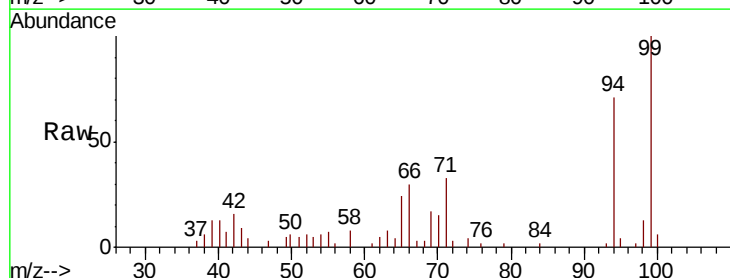
Delta R.T. -0.00 min

Lab File: BG042539.D

Acq: 28 Aug 2019 19:18

Tgt Ion: 94 Resp: 13478

Ion	Ratio	Lower	Upper
94	100		
65	34.0	5.6	45.6
66	42.0	16.0	56.0

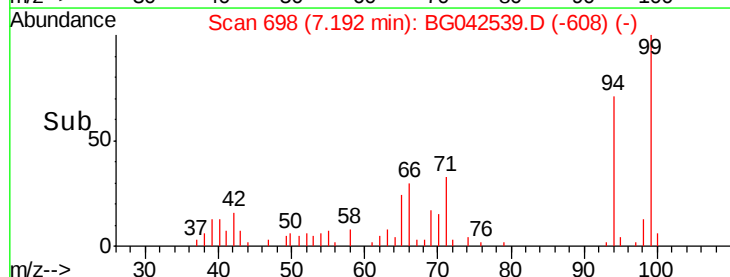
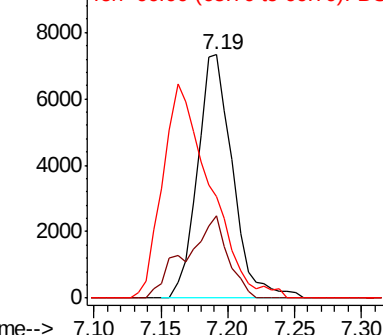


Abundance

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

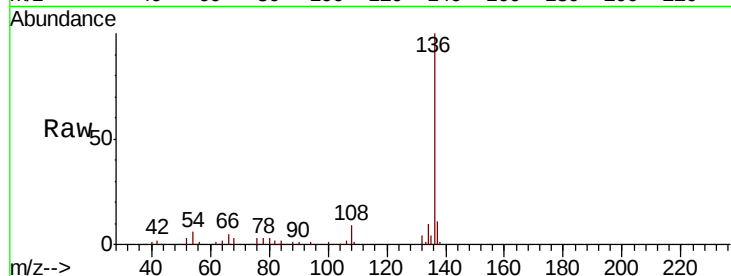




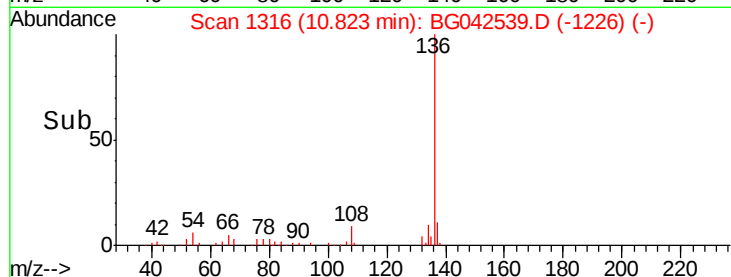
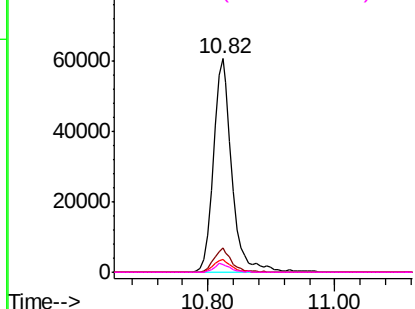
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042539.D
Acq: 28 Aug 2019 19:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	124923
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.7	13.1
54 6.2	4.9	7.3
68 3.4	3.6	5.4#

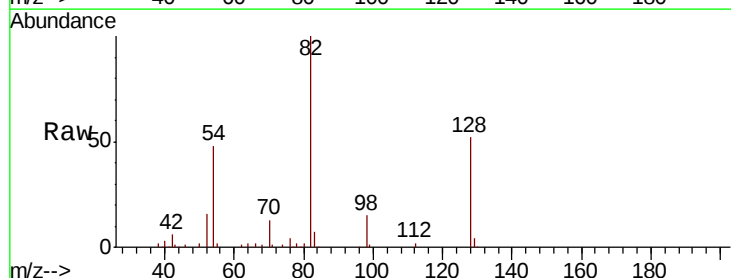


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

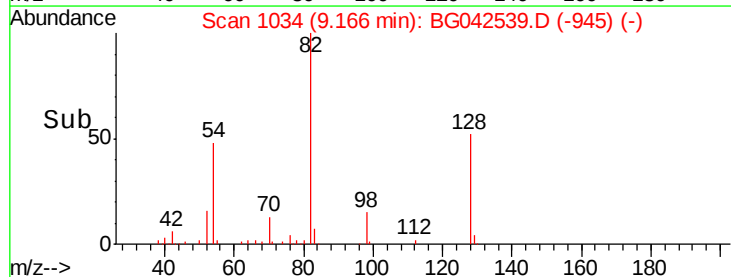
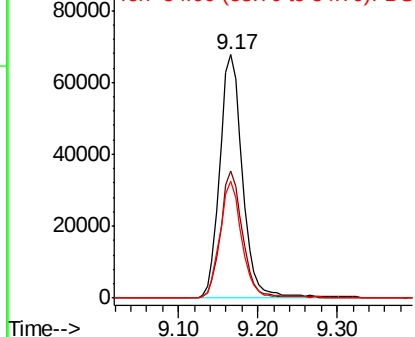


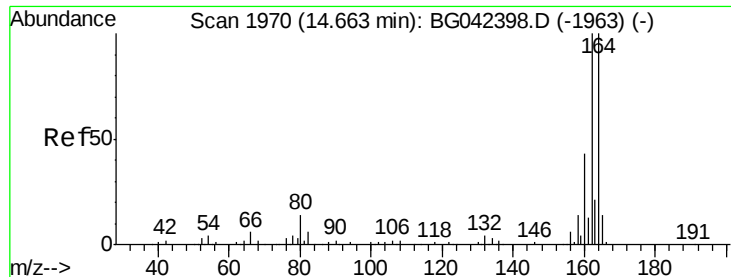
#23
Nitrobenzene-d5
Concen: 74.681 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042539.D
Acq: 28 Aug 2019 19:18

Tgt	Ion: 82	Resp:	135005
Ion	Ratio	Lower	Upper
82	100		
128	52.3	40.7	61.1
54	48.1	36.3	54.5



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: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042539.D

Acq: 28 Aug 2019 19:18

Instrument :

BNA_G

ClientSampleId :

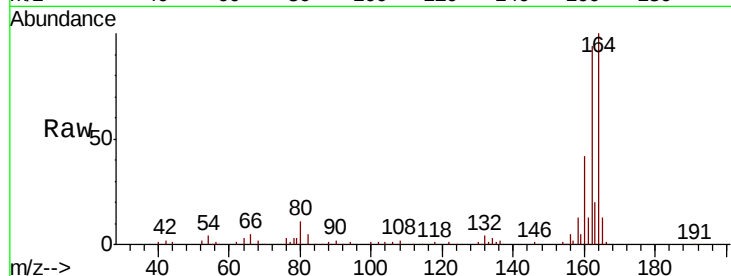
Tot Ion:164 Resp: 92228

Ion Ratio Lower Upper

164 100

162 93.8 79.9 119.9

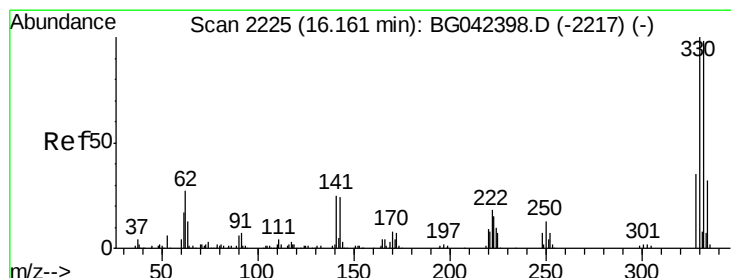
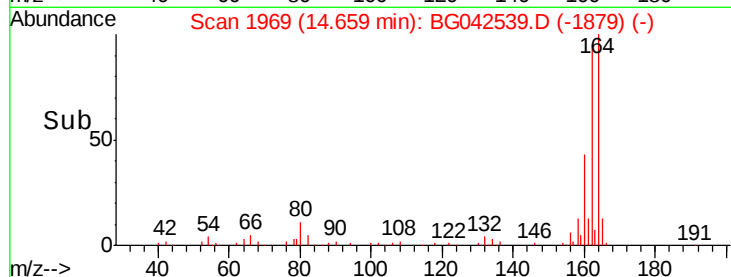
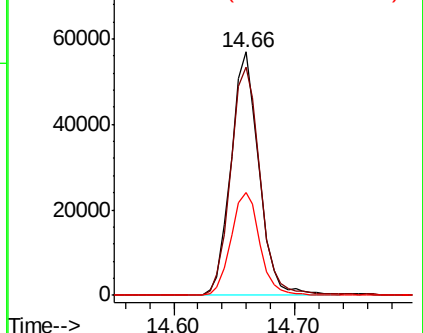
160 42.1 34.3 51.5



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: 128.450 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042539.D

Acq: 28 Aug 2019 19:18

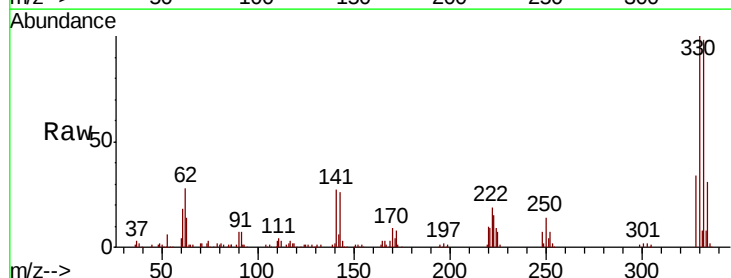
Tgt Ion:330 Resp: 168381

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

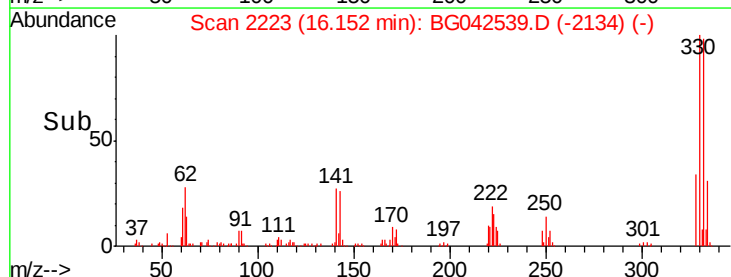
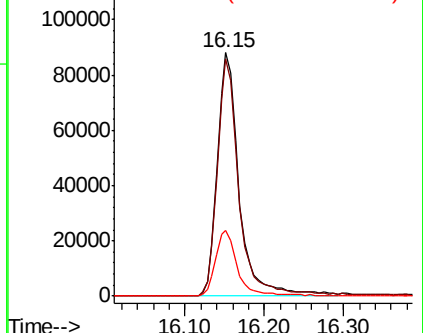
141 27.1 21.4 32.0



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

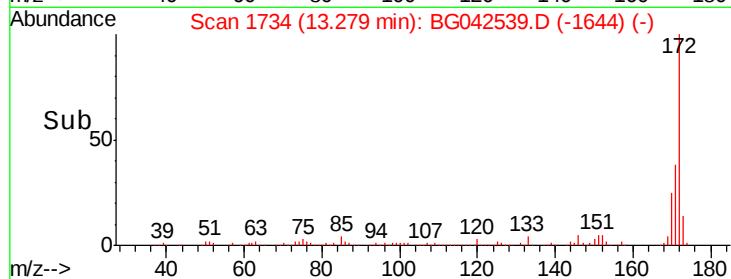
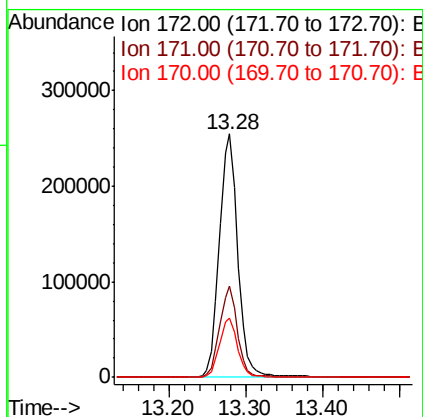
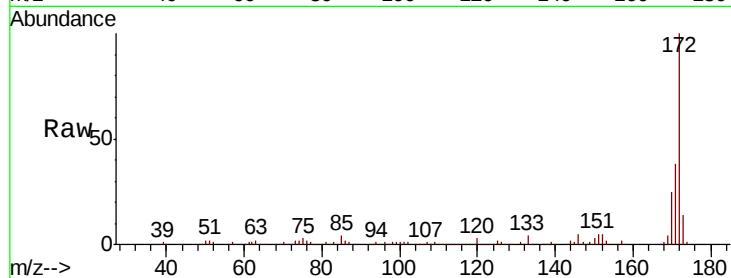




#45
2-Fluorobiphenyl
Concen: 77.720 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042539.D
Acq: 28 Aug 2019 19:18

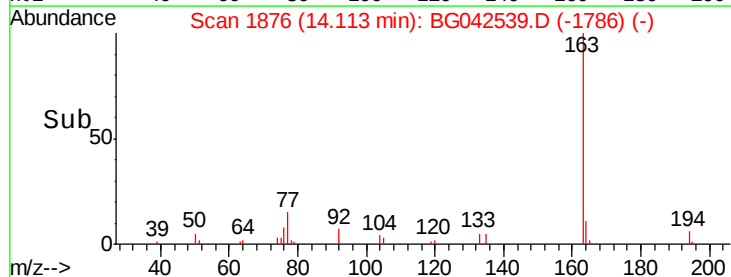
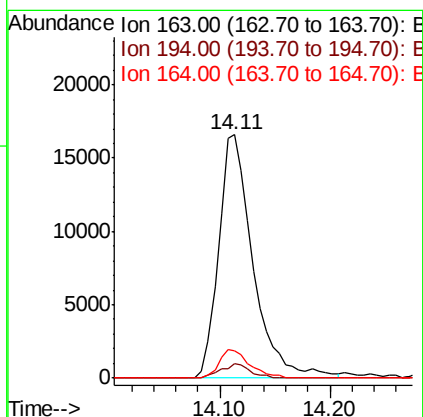
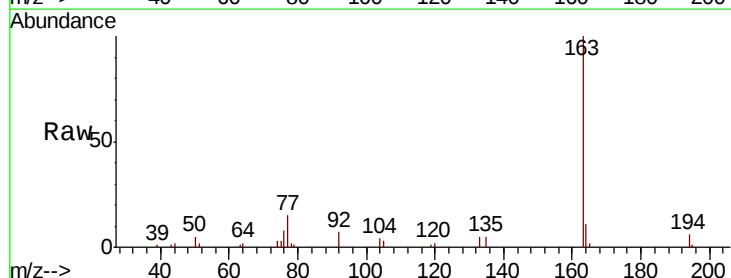
Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 423816
Ion Ratio Lower Upper
172 100
171 37.7 30.5 45.7
170 24.5 20.2 30.2



#50
Dimethylphthalate
Concen: 5.390 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG042539.D
Acq: 28 Aug 2019 19:18

Tgt Ion:163 Resp: 35870
Ion Ratio Lower Upper
163 100
194 5.7 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: BG042539.D

Acq: 28 Aug 2019 19:18

Instrument :

BNA_G

ClientSampleId :

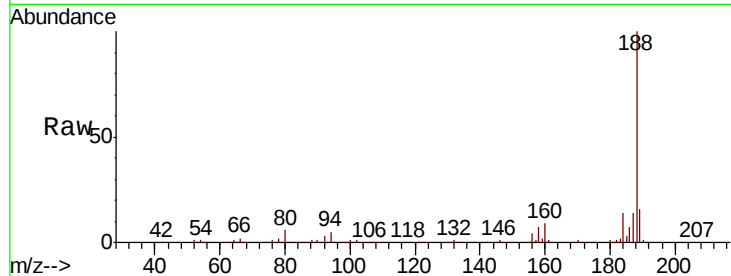
Tot Ion:188 Resp: 242683

Ion Ratio Lower Upper

188 100

94 4.9 4.5 6.7

80 6.0 4.9 7.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

200000

150000

100000

50000

0

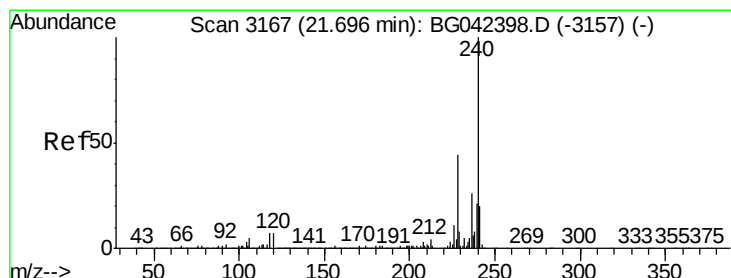
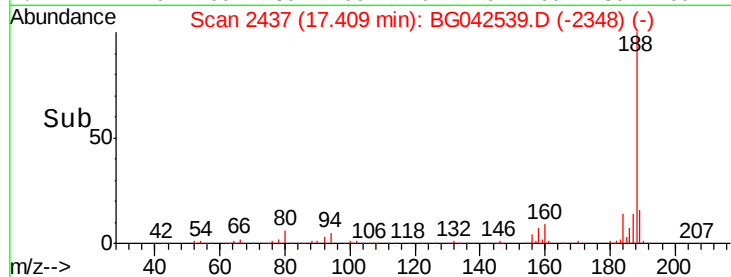
17.41

17.30

17.40

17.50

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042539.D

Acq: 28 Aug 2019 19:18

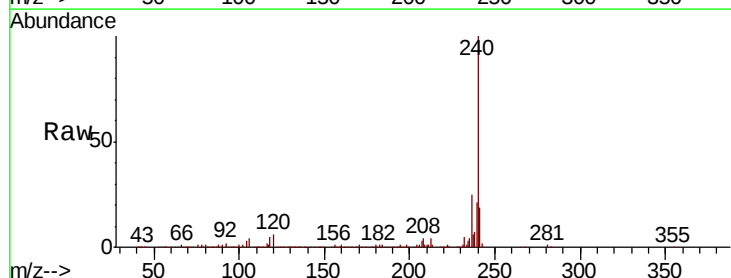
Tgt Ion:240 Resp: 299444

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

236 24.8 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

250000

200000

150000

100000

50000

0

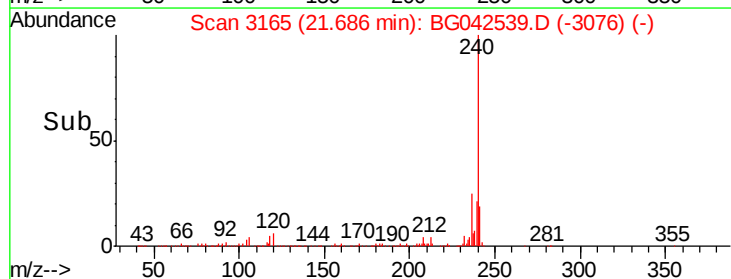
21.69

21.60

21.70

21.80

Time-->





#79

Terphenyl-d14

Concen: 69.829 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042539.D

Acq: 28 Aug 2019 19:18

Instrument :

BNA_G

ClientSampleId :

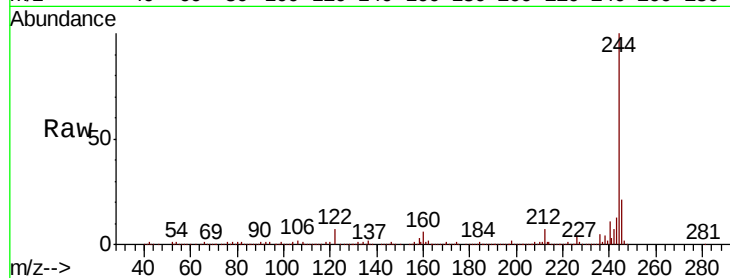
Tot Ion:244 Resp: 967185

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

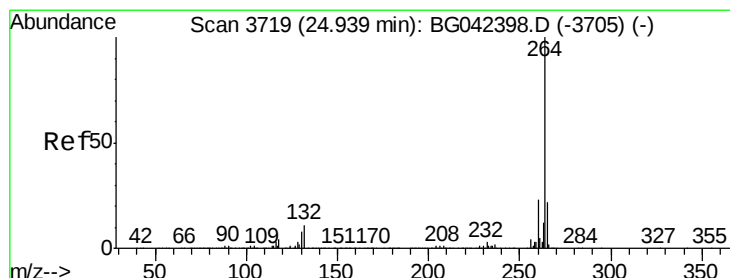
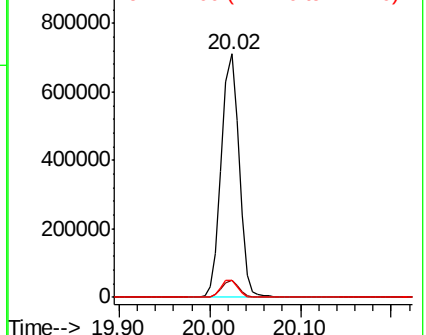
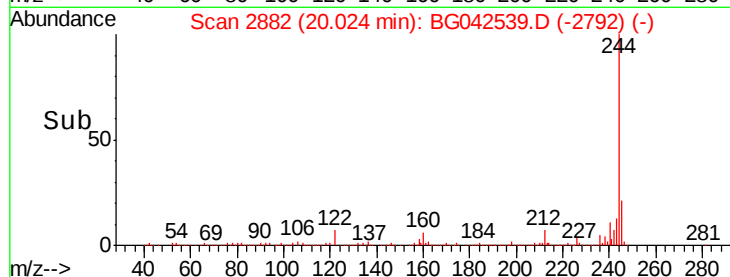
122 6.9 6.7 10.1



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: BG042539.D

Acq: 28 Aug 2019 19:18

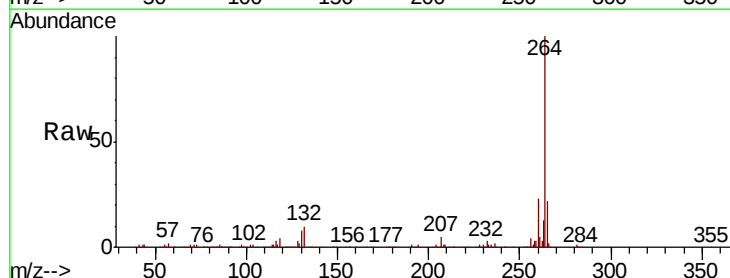
Tgt Ion:264 Resp: 350751

Ion Ratio Lower Upper

264 100

260 22.7 18.5 27.7

265 21.9 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

