

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
 Data File : BG042411.D
 Acq On : 22 Aug 2019 21:32
 Operator : HP/JU
 Sample : K4277-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-22

Quant Time: Aug 23 04:03:07 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

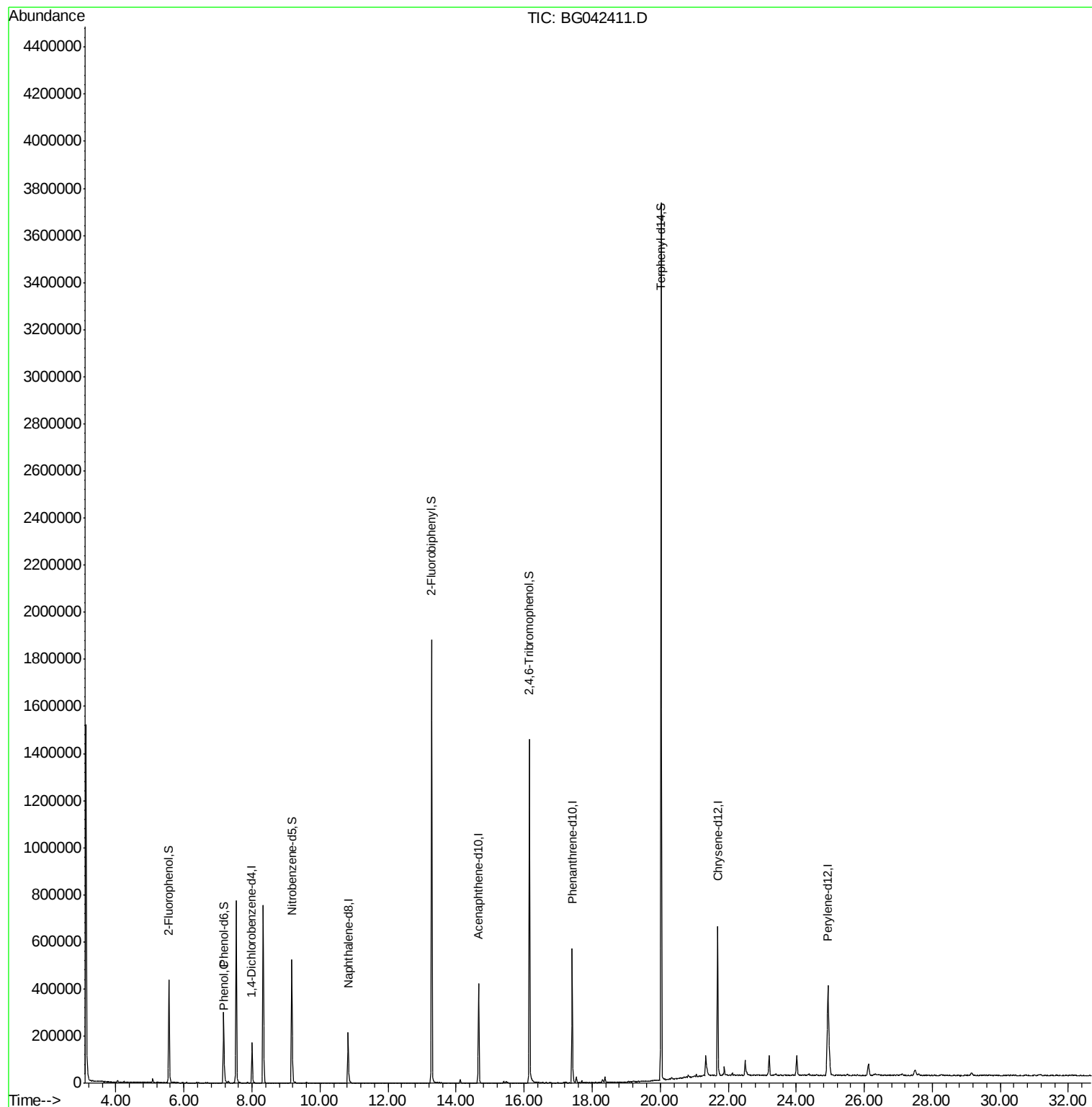
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	58385	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	226599	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	170600	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	384825	20.00	ng	0.00
76) Chrysene-d12	21.69	240	400258	20.00	ng	0.00
87) Perylene-d12	24.93	264	454583	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	233748	81.08	ng	0.00
7) Phenol-d6	7.17	99	211984	54.44	ng	0.00
23) Nitrobenzene-d5	9.17	82	345205	105.27	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	350881	144.71	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1083921	107.46	ng	0.00
79) Terphenyl-d14	20.03	244	1849509	99.90	ng	0.00
Target Compounds						
10) Phenol	7.19	94	16397	4.141	ng	Qvalue 93

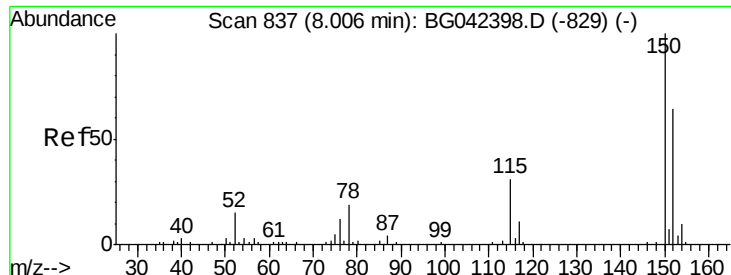
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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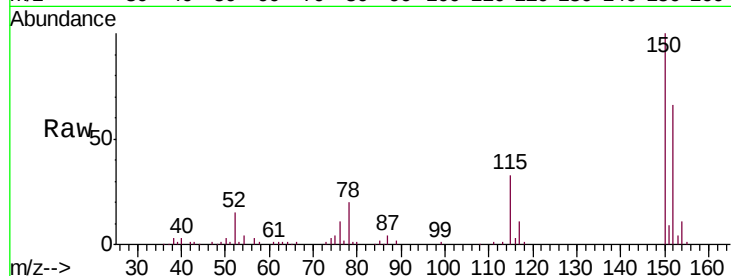


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042411.D
Acq: 22 Aug 2019 21:32

Instrument :
BNA_G
ClientSampleId :
TP-22

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	125.4	188.0
115	50.0	38.5	57.7

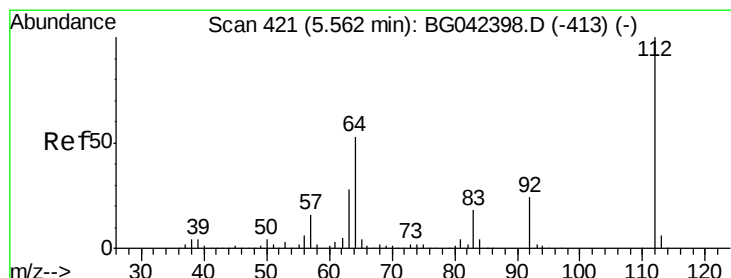
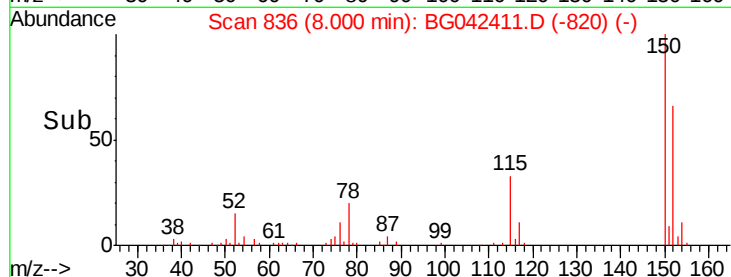
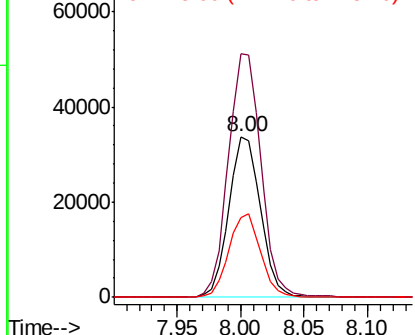


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

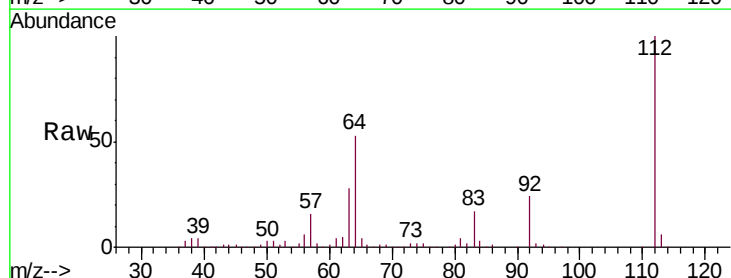
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 81.084 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042411.D
Acq: 22 Aug 2019 21:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	42.8	64.2
63	28.4	22.7	34.1

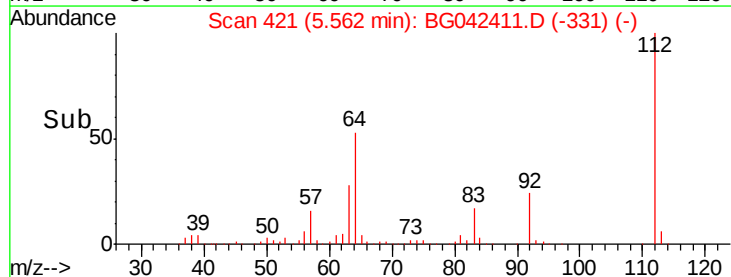
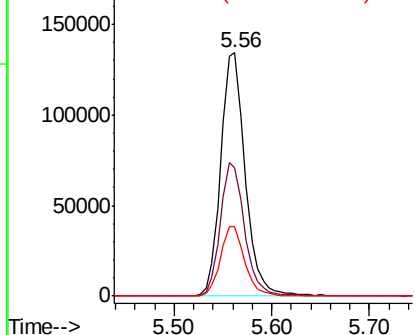


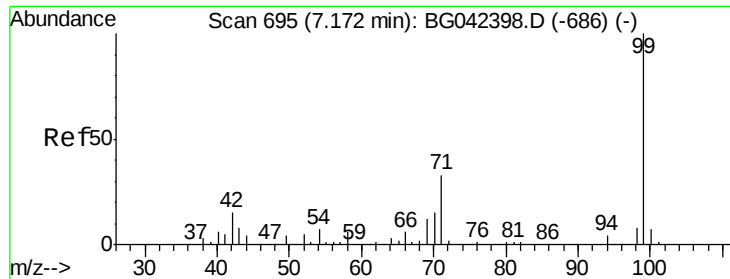
Abundance

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: 54.439 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042411.D

Acq: 22 Aug 2019 21:32

Instrument :

BNA_G

ClientSampleId :

TP-22

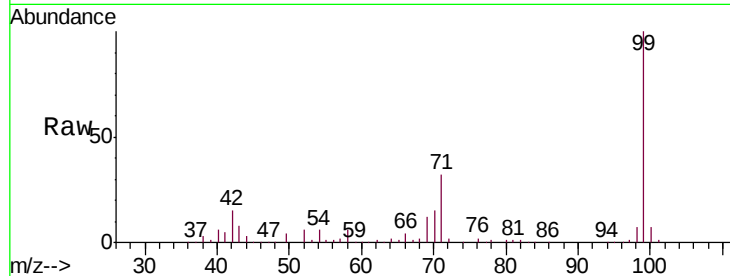
Tot Ion: 99 Resp: 211984

Ion Ratio Lower Upper

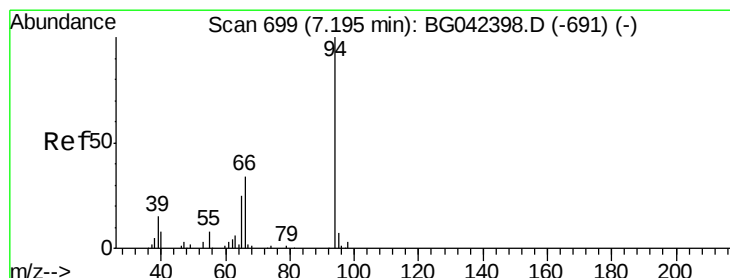
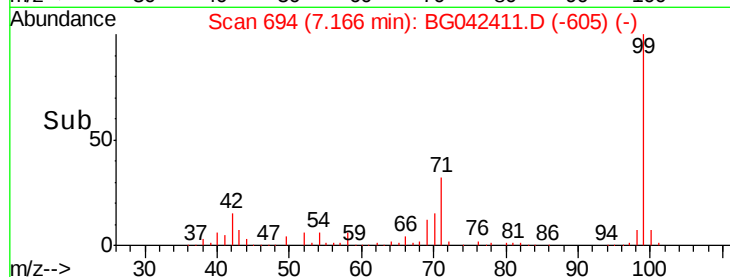
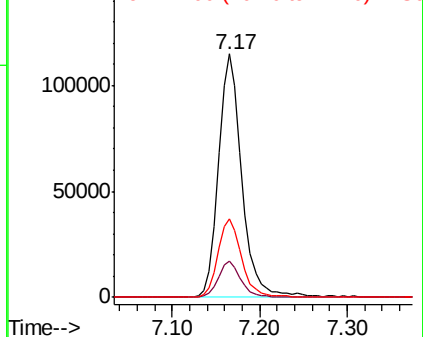
99 100

42 14.8 12.0 18.0

71 32.1 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: 4.141 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042411.D

Acq: 22 Aug 2019 21:32

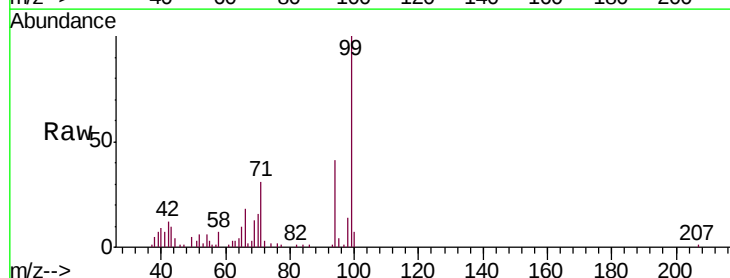
Tgt Ion: 94 Resp: 16397

Ion Ratio Lower Upper

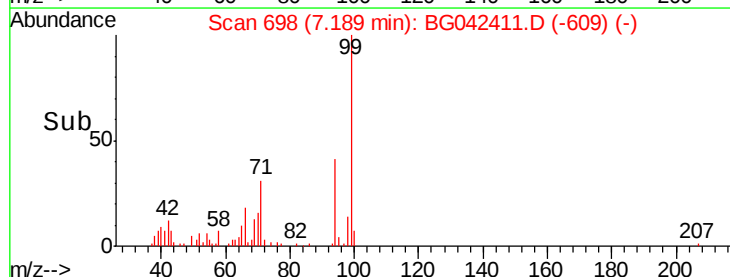
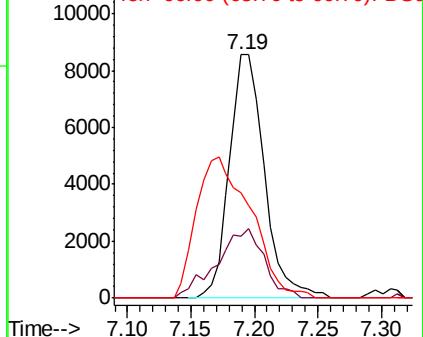
94 100

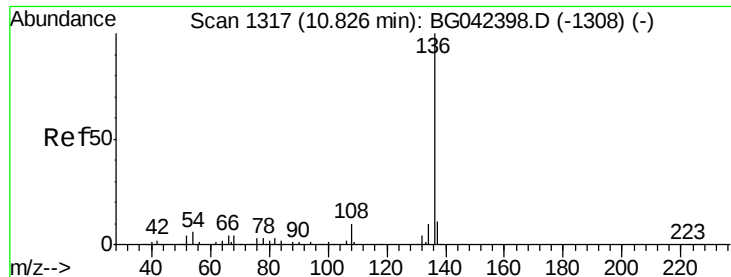
65 25.5 5.6 45.6

66 43.2 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

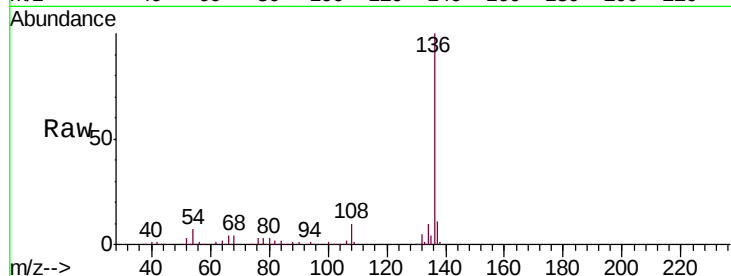




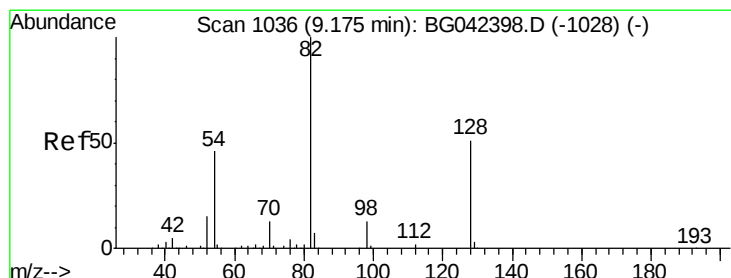
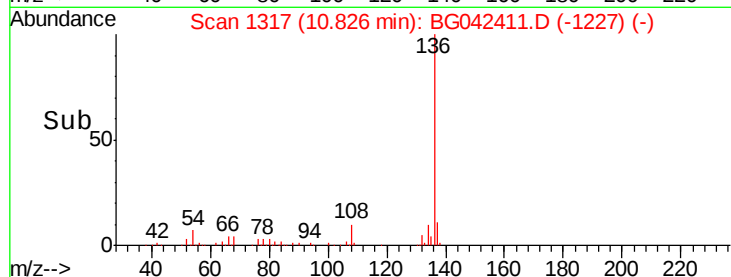
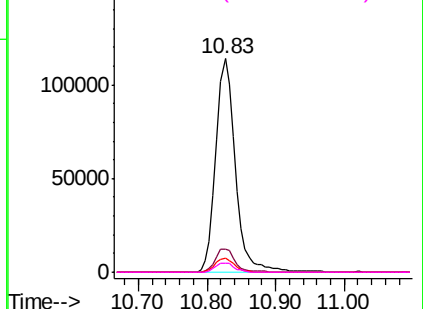
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG042411.D
Acq: 22 Aug 2019 21:32

Instrument :
BNA_G
ClientSampleId :
TP-22

Tot Ion:136	Resp:	226599
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.7	13.1
54 6.9	4.9	7.3
68 4.2	3.6	5.4

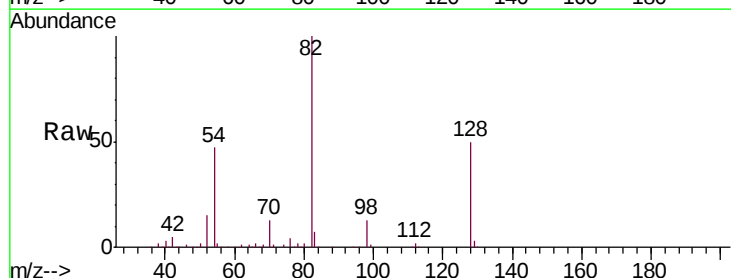


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

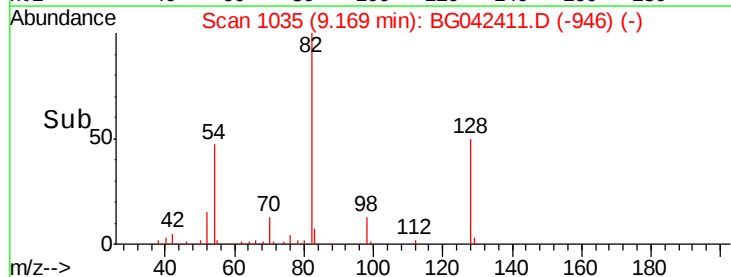
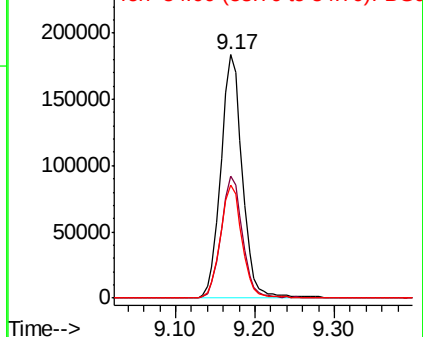


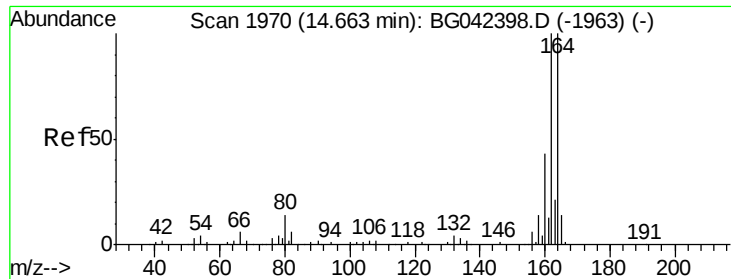
#23
Nitrobenzene-d5
Concen: 105.274 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042411.D
Acq: 22 Aug 2019 21:32

Tgt	Ion: 82	Resp:	345205
Ion	Ratio	Lower	Upper
82	100		
128	50.3	40.7	61.1
54	46.6	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# 1970

Delta R.T. 0.00 min

Lab File: BG042411.D

Acq: 22 Aug 2019 21:32

Instrument :

BNA_G

ClientSampled :

TP-22

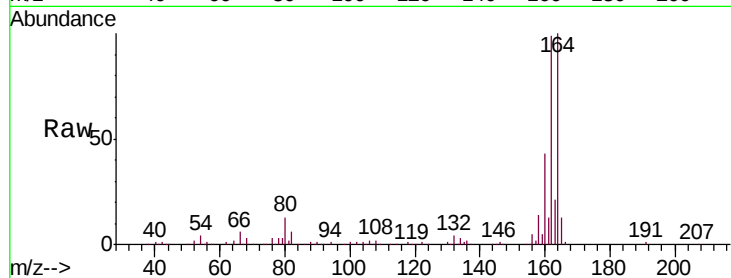
Tot Ion:164 Resp: 170600

Ion Ratio Lower Upper

164 100

162 98.7 79.9 119.9

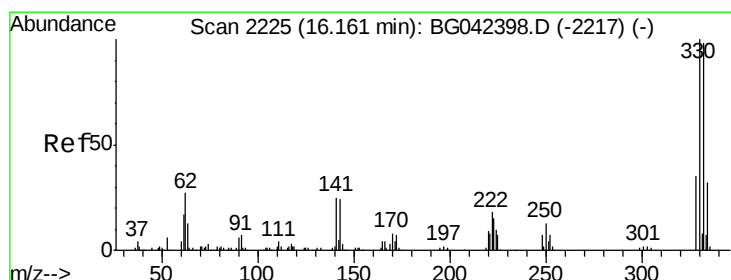
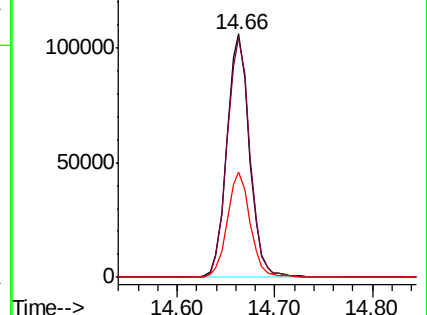
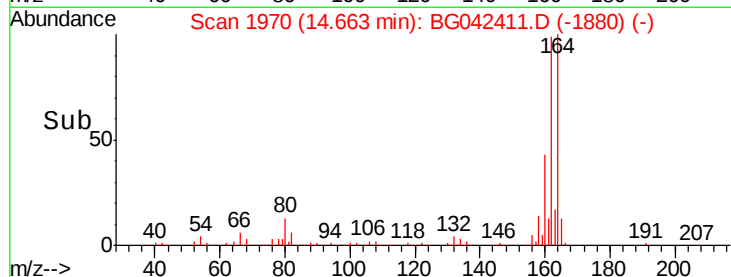
160 43.1 34.3 51.5



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: 144.705 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042411.D

Acq: 22 Aug 2019 21:32

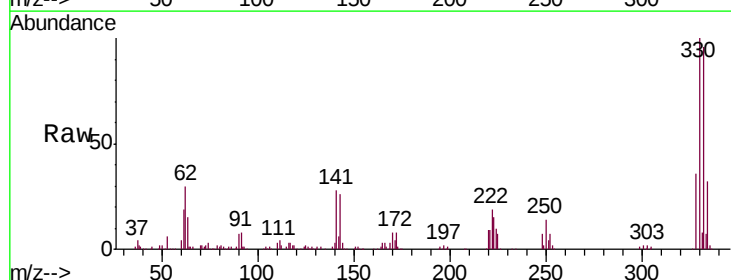
Tgt Ion:330 Resp: 350881

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.0

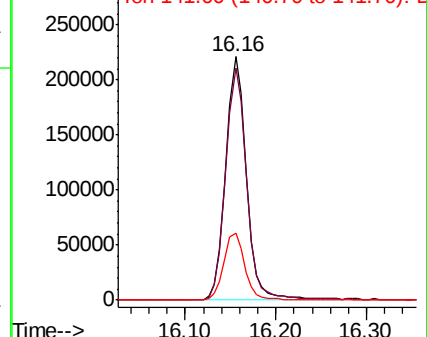
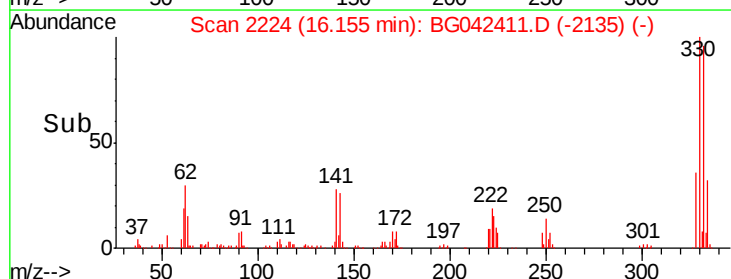
141 28.0 21.4 32.0

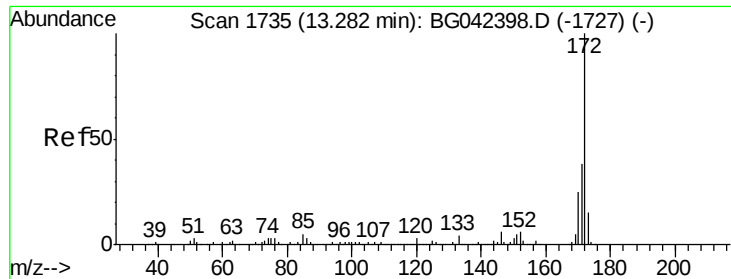


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

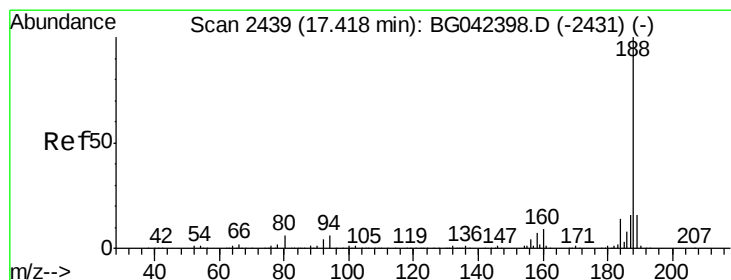
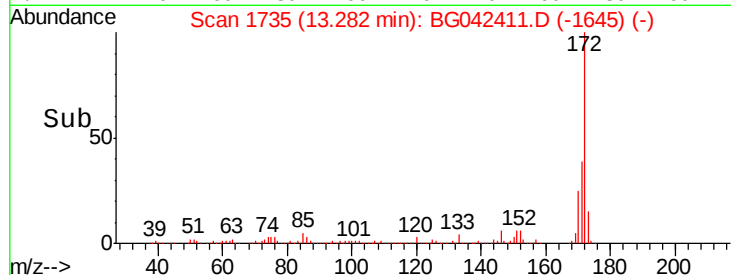
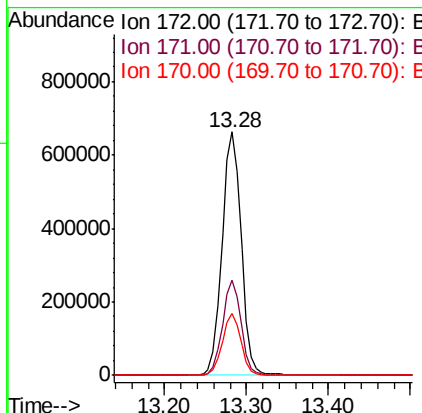
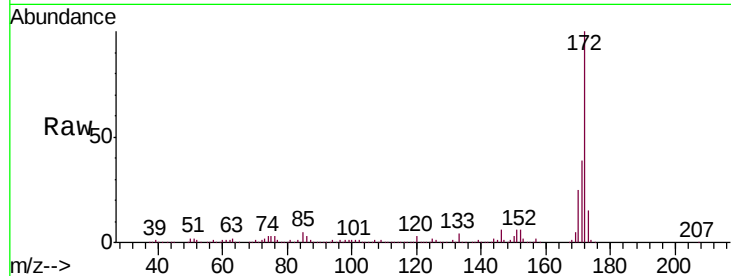




#45
 2-Fluorobiphenyl
 Concen: 107.457 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG042411.D
 Acq: 22 Aug 2019 21:32

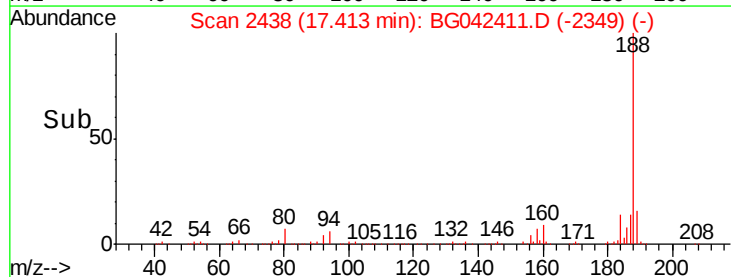
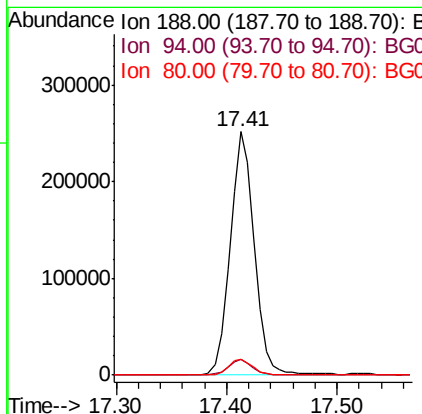
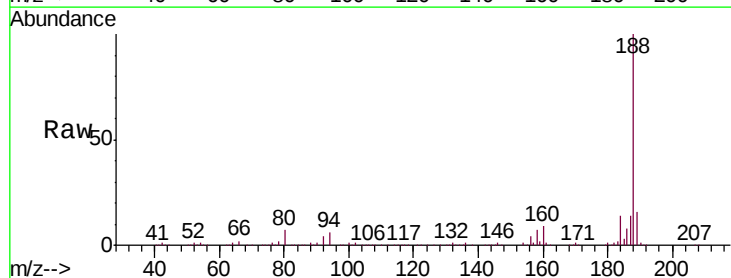
Instrument :
 BNA_G
 ClientSampleId :
 TP-22

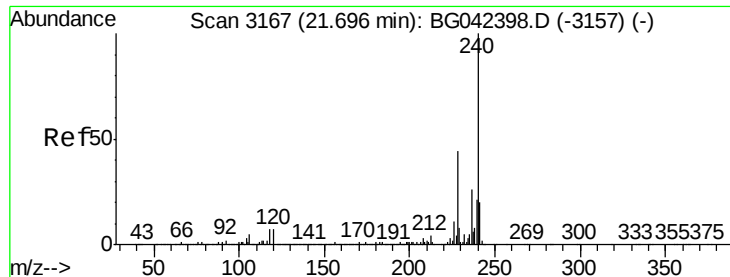
Tot Ion:172 Resp: 1083921
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.5 45.7
 170 25.2 20.2 30.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG042411.D
 Acq: 22 Aug 2019 21:32

Tgt Ion:188 Resp: 384825
 Ion Ratio Lower Upper
 188 100
 94 6.3 4.5 6.7
 80 6.5 4.9 7.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042411.D

Acq: 22 Aug 2019 21:32

Instrument :

BNA_G

ClientSampleId :

TP-22

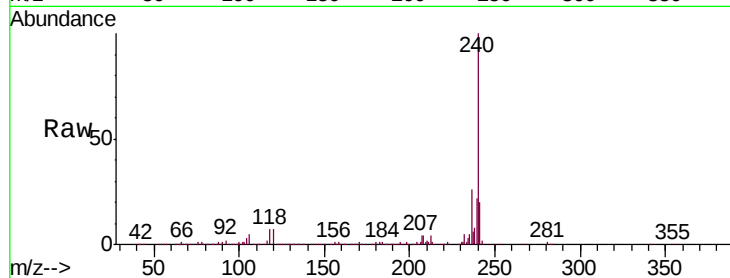
Tot Ion:240 Resp: 400258

Ion Ratio Lower Upper

240 100

120 6.8 5.7 8.5

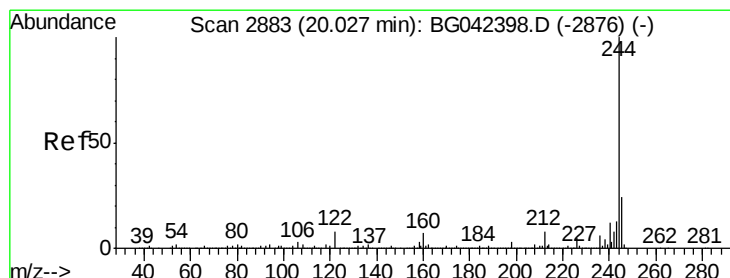
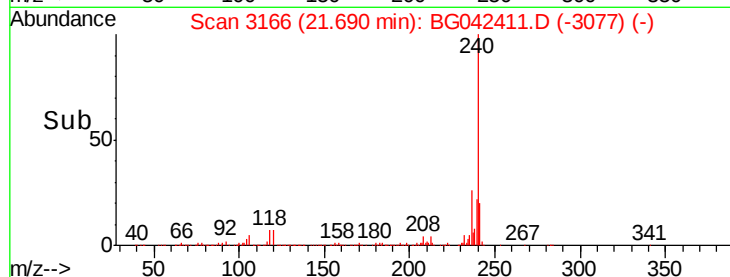
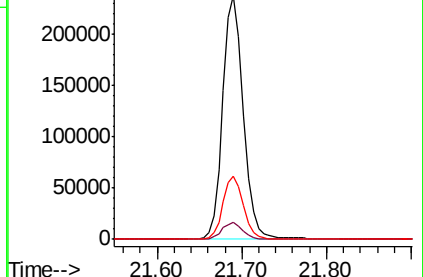
236 26.2 21.0 31.4



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: 99.898 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG042411.D

Acq: 22 Aug 2019 21:32

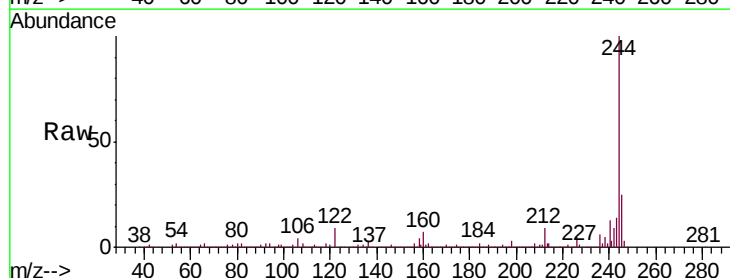
Tgt Ion:244 Resp: 1849509

Ion Ratio Lower Upper

244 100

212 8.7 6.0 9.0

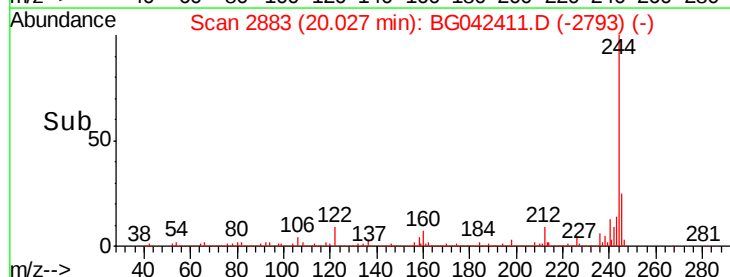
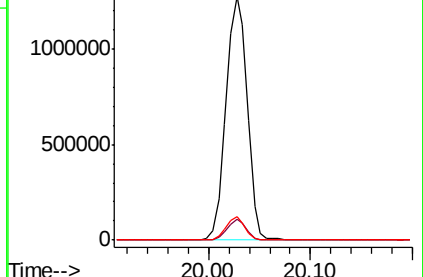
122 9.4 6.7 10.1

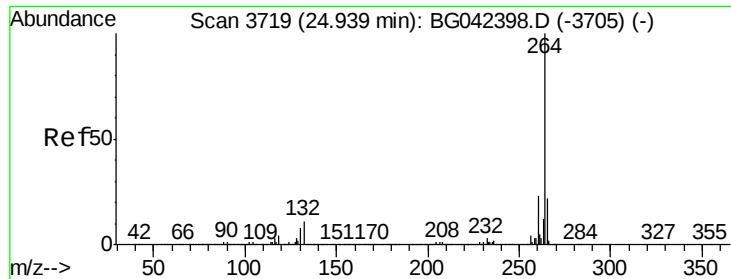


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.01 min
Lab File: BG042411.D
Acq: 22 Aug 2019 21:32

Instrument :
BNA_G
ClientSampleId :
TP-22

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	22.0	17.6	26.4

