

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042546.D
 Acq On : 28 Aug 2019 23:49
 Operator : HP/JU
 Sample : K4576-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-1868-4221

Quant Time: Aug 29 07:42:39 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

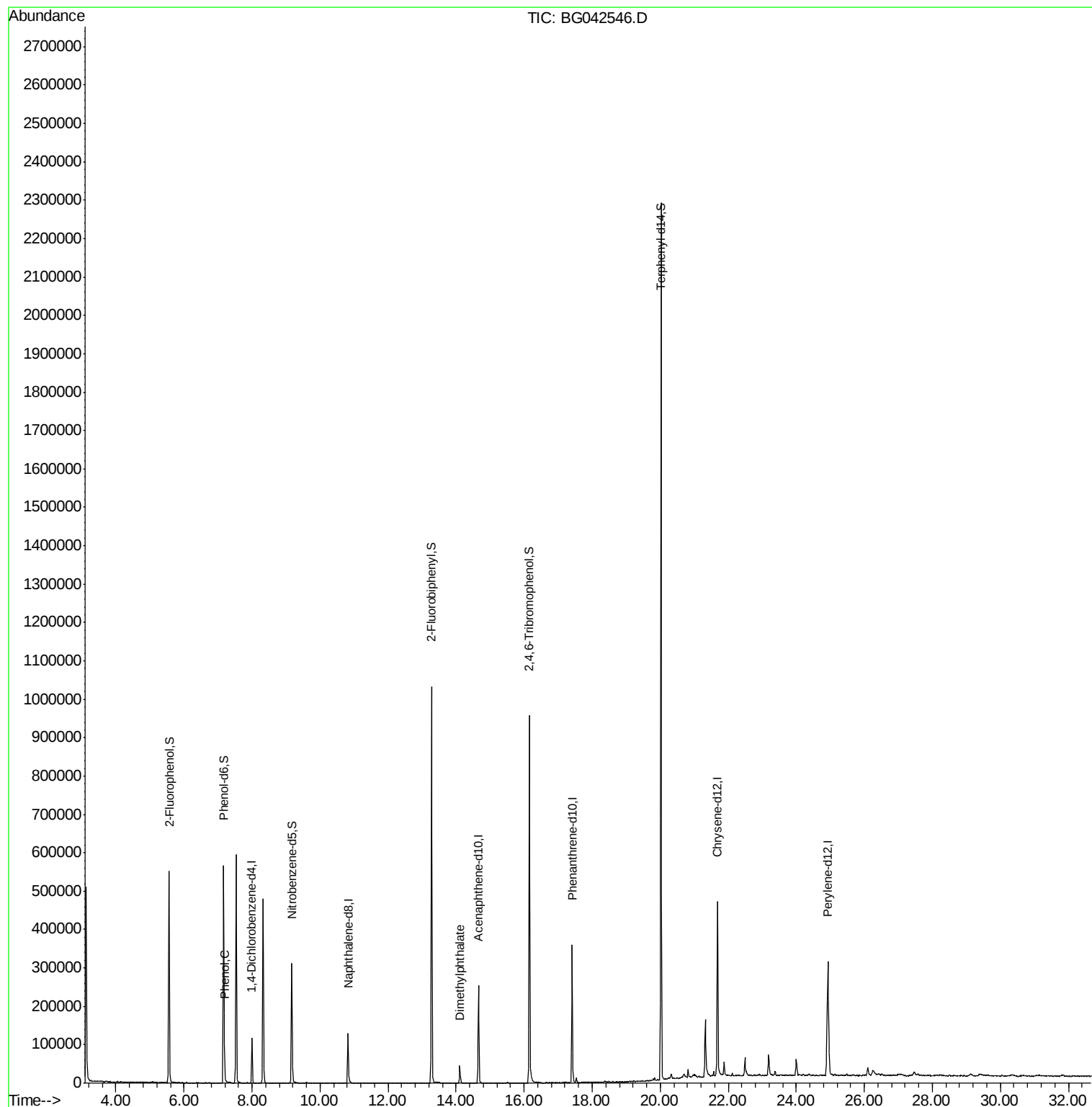
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	38599	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	139969	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	106052	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	259759	20.00	ng	0.00
76) Chrysene-d12	21.68	240	303270	20.00	ng	-0.01
87) Perylene-d12	24.92	264	360952	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	286018	150.07	ng	0.00
7) Phenol-d6	7.16	99	373985	145.27	ng	0.00
23) Nitrobenzene-d5	9.17	82	209508	103.44	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	254068	168.55	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	635784	101.39	ng	0.00
79) Terphenyl-d14	20.02	244	1252690	89.30	ng	0.00
Target Compounds						
10) Phenol	7.19	94	19022	7.267	ng	94
50) Dimethylphthalate	14.11	163	48143	6.292	ng	98

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

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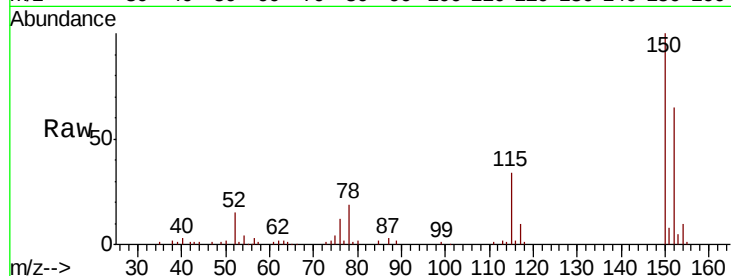


#1

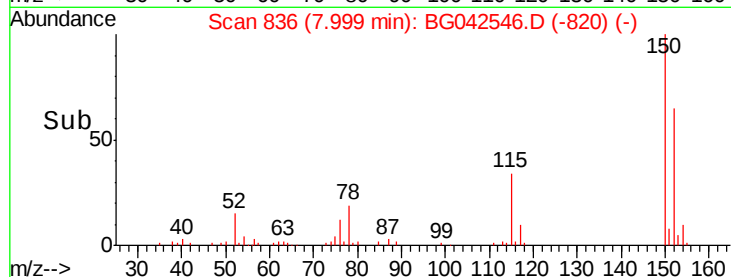
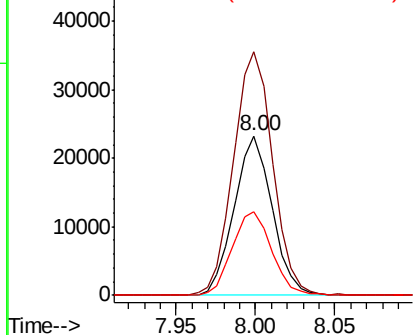
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG042546.D
 Acq: 28 Aug 2019 23:49

Instrument :
 BNA_G
 ClientSampleId :
 RT-1868-4221

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	125.4	188.0
115	52.5	38.5	57.7



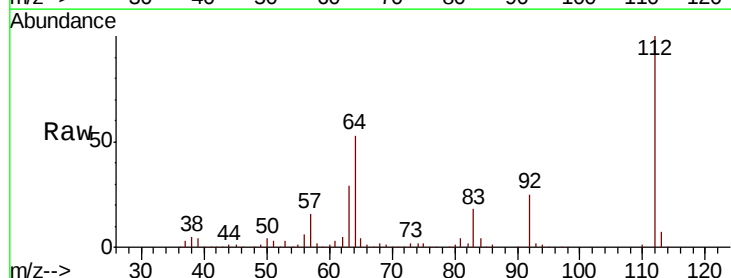
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



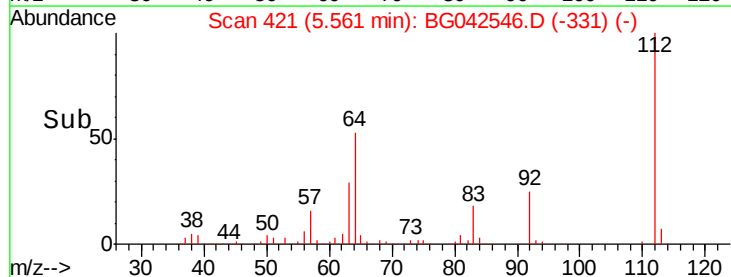
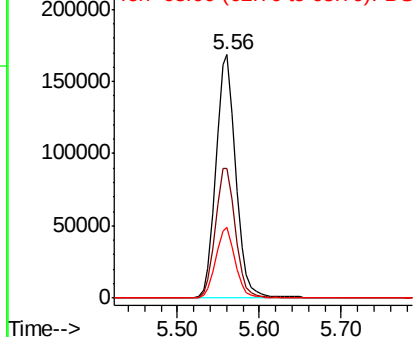
#5

2-Fluorophenol
 Concen: 150.074 ng
 RT: 5.56 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BG042546.D
 Acq: 28 Aug 2019 23:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	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: 145.272 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042546.D

Acq: 28 Aug 2019 23:49

Instrument :

BNA_G

ClientSampleId :

RT-1868-4221

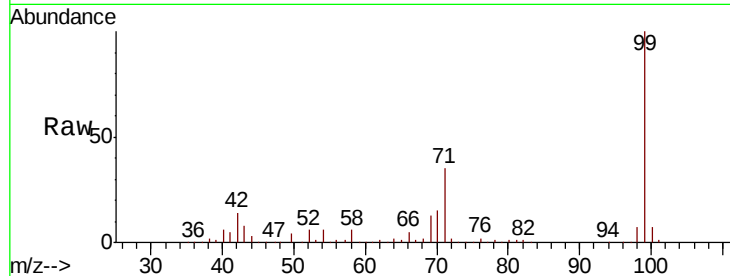
Tot Ion: 99 Resp: 373985

Ion Ratio Lower Upper

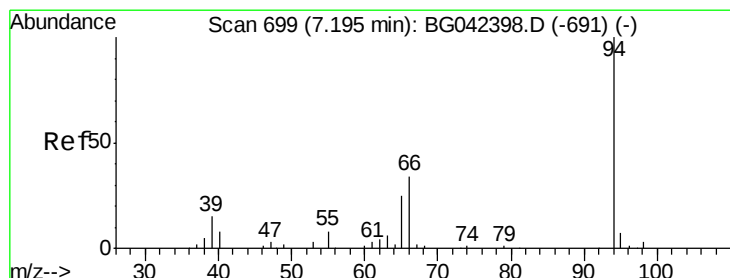
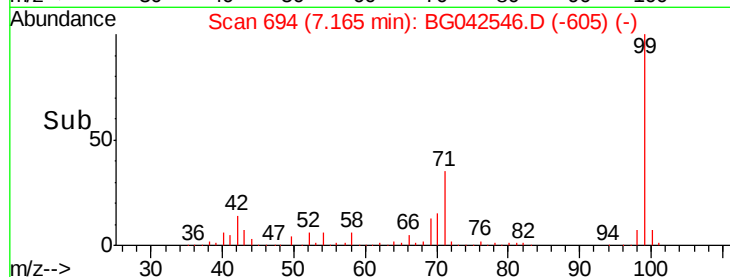
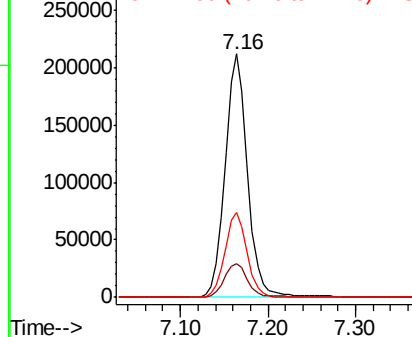
99 100

42 14.0 12.0 18.0

71 35.0 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: 7.267 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG042546.D

Acq: 28 Aug 2019 23:49

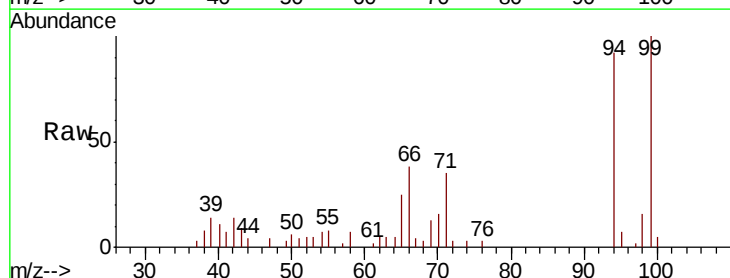
Tgt Ion: 94 Resp: 19022

Ion Ratio Lower Upper

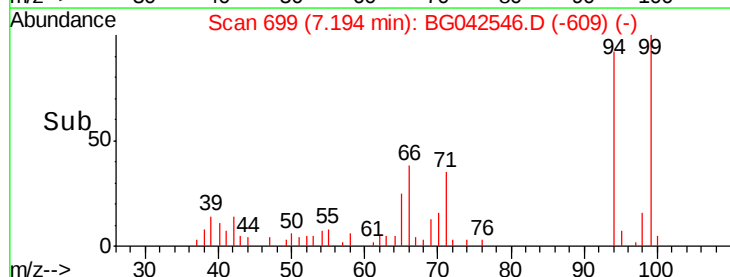
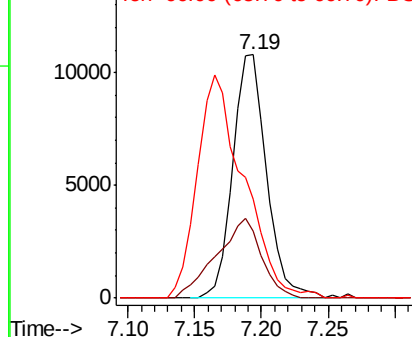
94 100

65 27.5 5.6 45.6

66 40.9 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

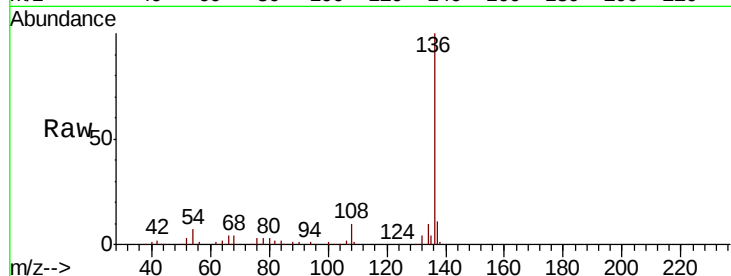




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042546.D
Acq: 28 Aug 2019 23:49

Instrument :
BNA_G
ClientSampleId :
RT-1868-4221

Tot Ion:136	Resp:	139969
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.7	13.1
54 6.5	4.9	7.3
68 4.2	3.6	5.4



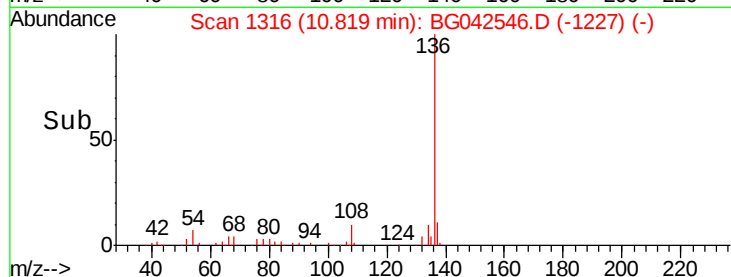
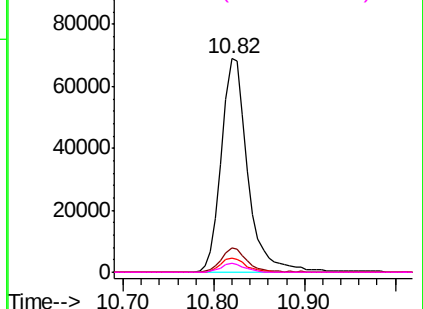
Abundance

Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

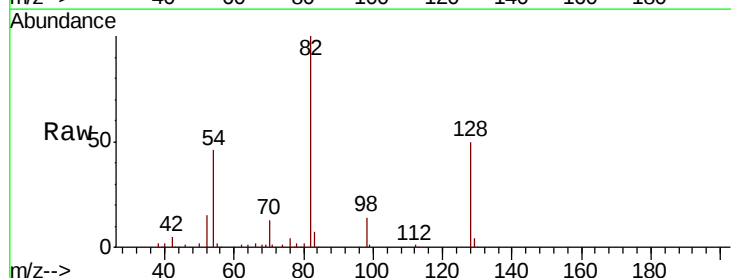
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 103.436 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042546.D
Acq: 28 Aug 2019 23:49

Tgt Ion: 82	Resp: 209508
Ion Ratio	Lower Upper
82 100	
128 49.8	40.7 61.1
54 45.8	36.3 54.5

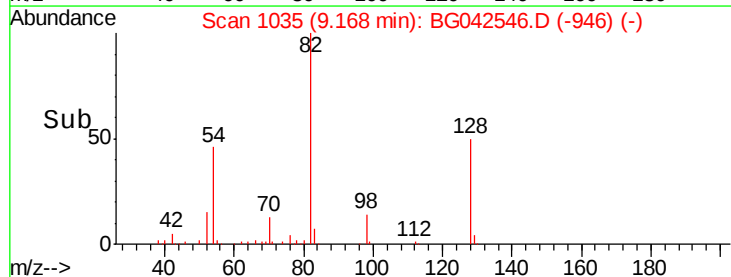
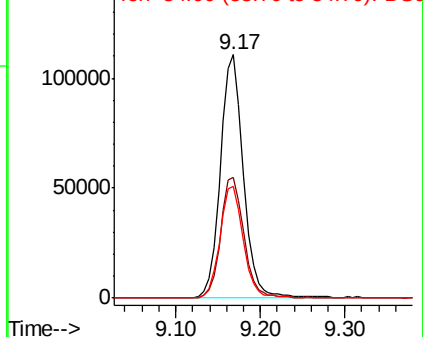


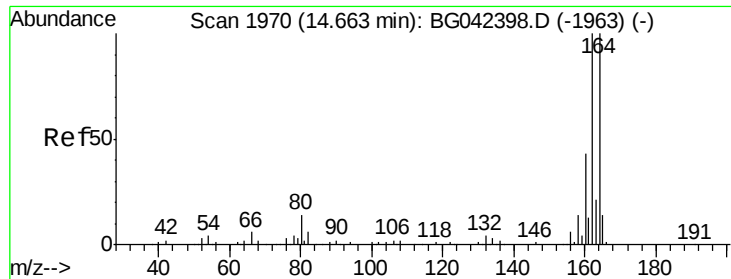
Abundance

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. -0.01 min

Lab File: BG042546.D

Acq: 28 Aug 2019 23:49

Instrument :

BNA_G

ClientSampleId :

RT-1868-4221

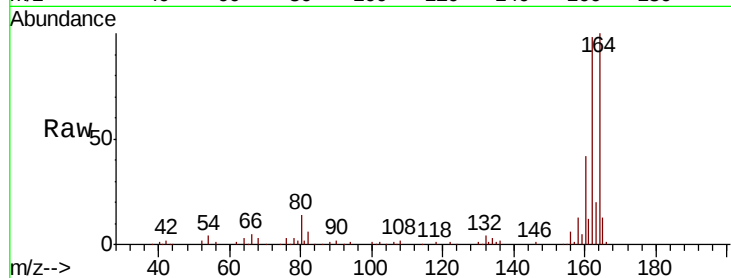
Tot Ion:164 Resp: 106052

Ion Ratio Lower Upper

164 100

162 97.8 79.9 119.9

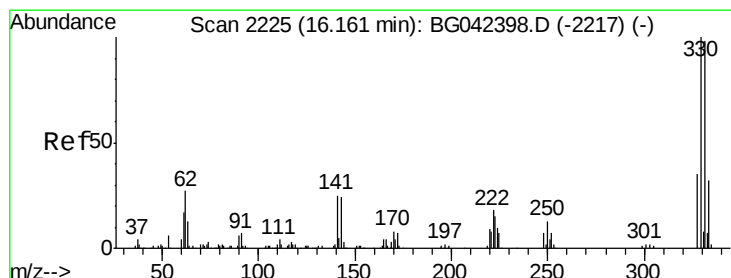
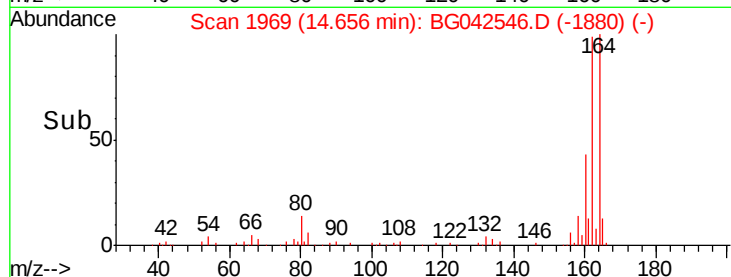
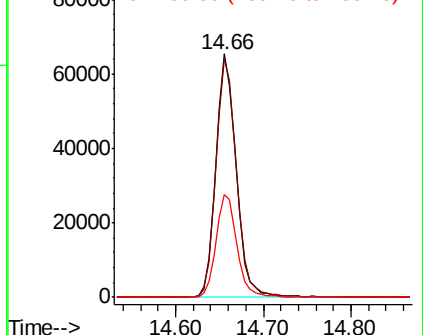
160 42.4 34.3 51.5



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: 168.552 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042546.D

Acq: 28 Aug 2019 23:49

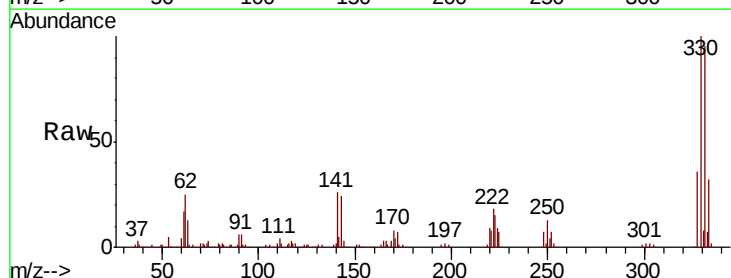
Tgt Ion:330 Resp: 254068

Ion Ratio Lower Upper

330 100

332 98.0 77.4 116.0

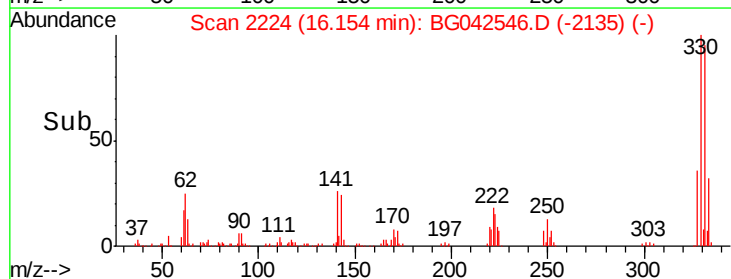
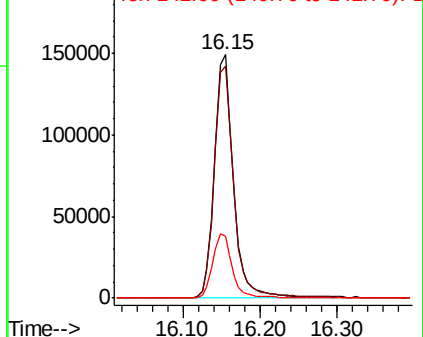
141 27.0 21.4 32.0

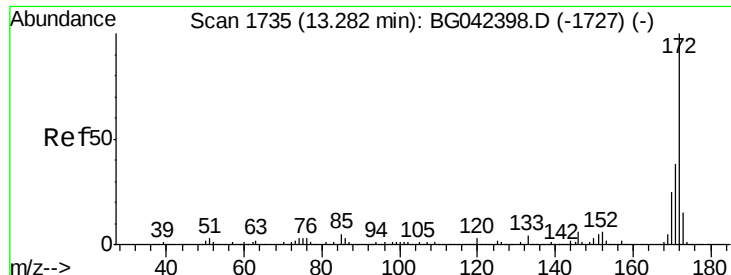


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

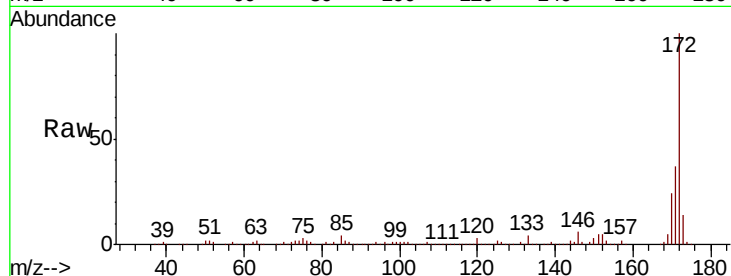




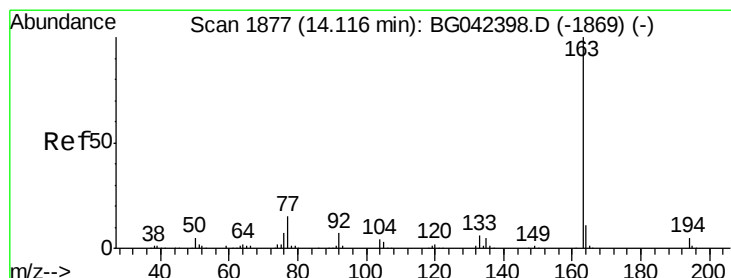
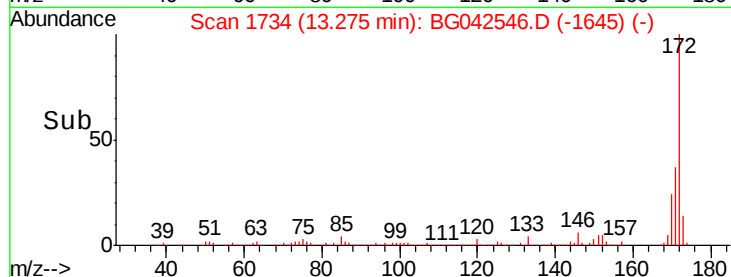
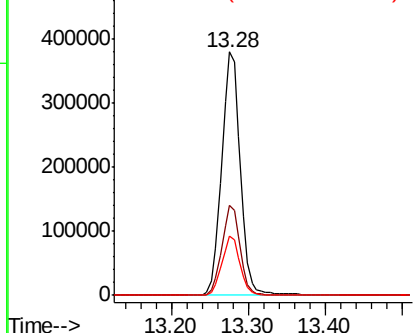
#45
2-Fluorobiphenyl
Concen: 101.393 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042546.D
Acq: 28 Aug 2019 23:49

Instrument :
BNA_G
ClientSampleId :
RT-1868-4221

Tot Ion:172 Resp: 635784
Ion Ratio Lower Upper
172 100
171 37.2 30.5 45.7
170 24.4 20.2 30.2

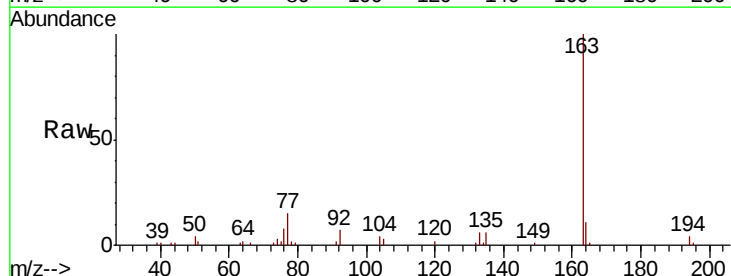


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

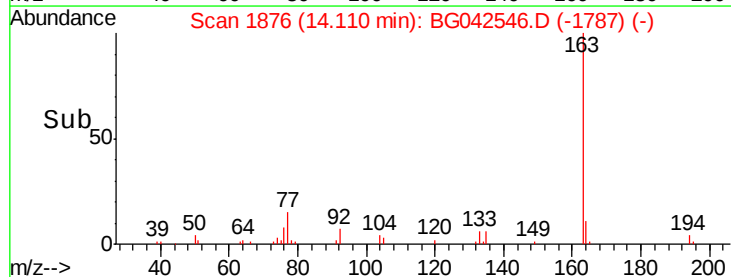
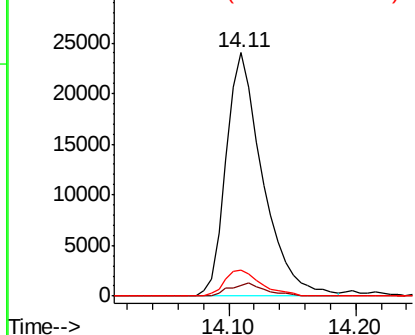


#50
Dimethylphthalate
Concen: 6.292 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042546.D
Acq: 28 Aug 2019 23:49

Tgt Ion:163 Resp: 48143
Ion Ratio Lower Upper
163 100
194 4.2 4.2 6.2
164 10.6 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

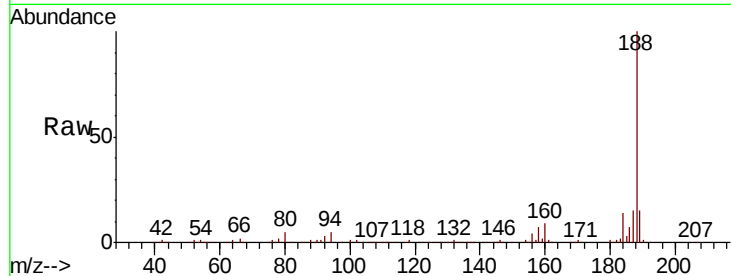




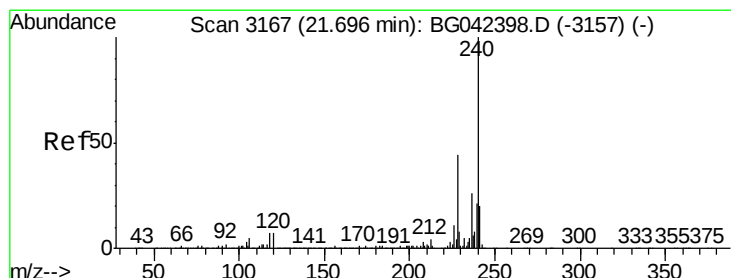
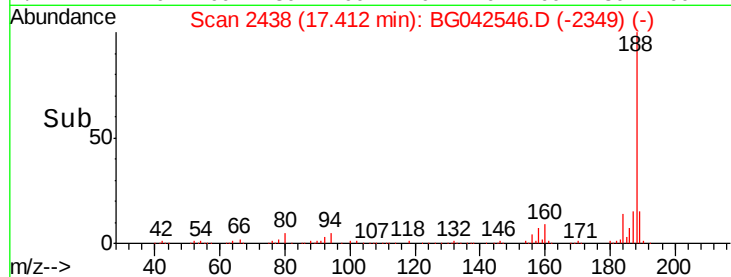
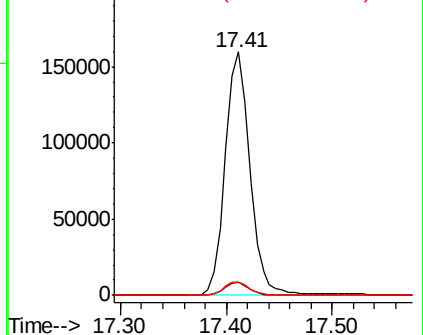
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042546.D
Acq: 28 Aug 2019 23:49

Instrument :
BNA_G
ClientSampleId :
RT-1868-4221

Tot Ion:188 Resp: 259759
Ion Ratio Lower Upper
188 100
94 5.3 4.5 6.7
80 5.5 4.9 7.3

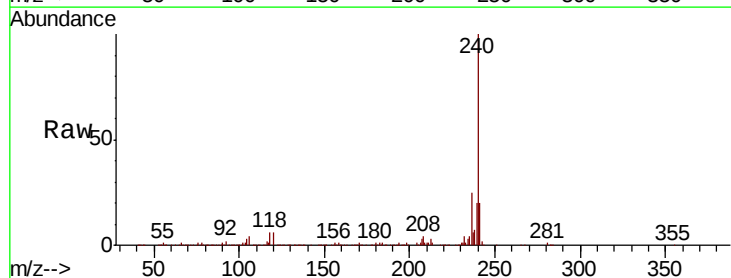


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

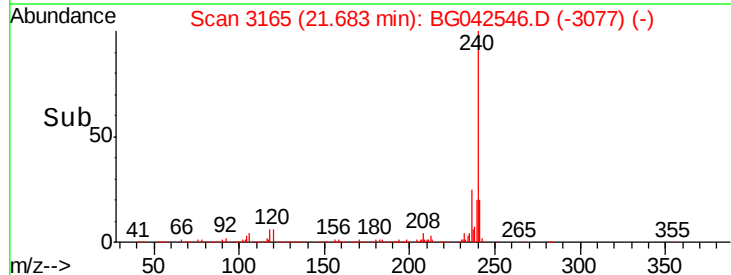
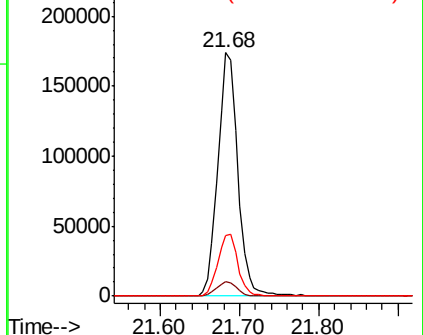


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042546.D
Acq: 28 Aug 2019 23:49

Tgt Ion:240 Resp: 303270
Ion Ratio Lower Upper
240 100
120 6.2 5.7 8.5
236 24.9 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: 89.300 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042546.D

Acq: 28 Aug 2019 23:49

Instrument :

BNA_G

ClientSampleId :

RT-1868-4221

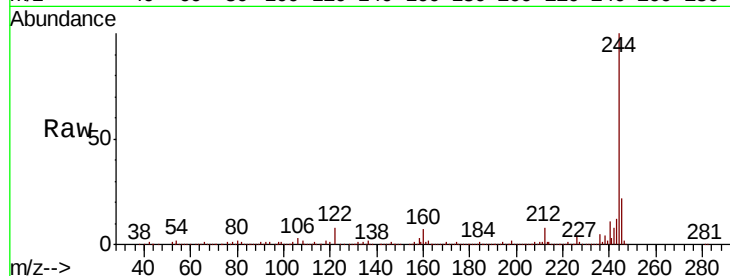
Tot Ion:244 Resp: 1252690

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

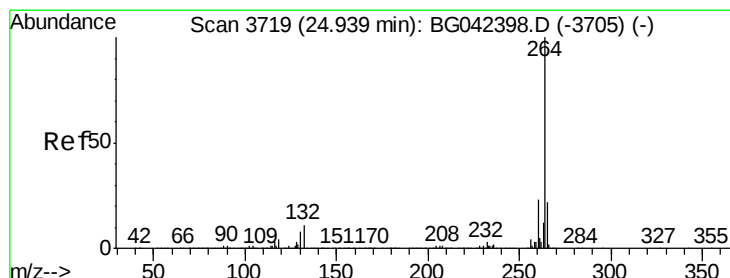
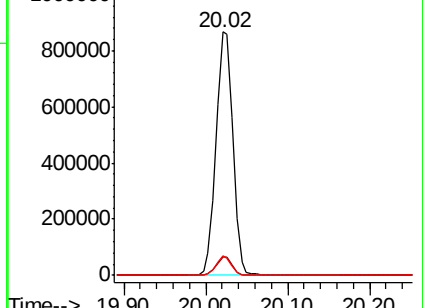
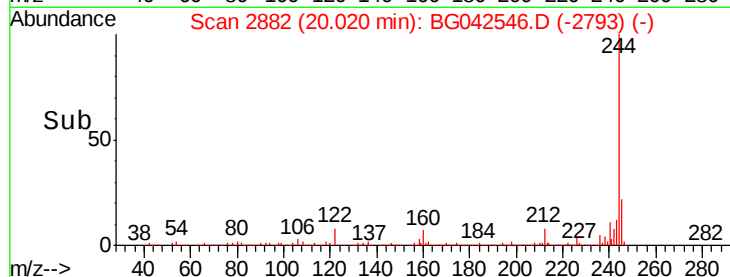
122 8.1 6.7 10.1



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: BG042546.D

Acq: 28 Aug 2019 23:49

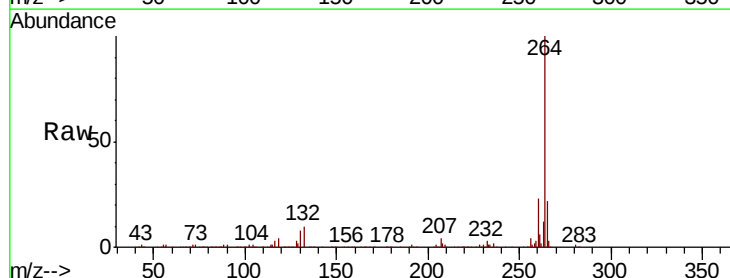
Tgt Ion:264 Resp: 360952

Ion Ratio Lower Upper

264 100

260 22.7 18.5 27.7

265 22.2 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

