

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\
 Data File : BG044266.D
 Acq On : 31 Jan 2020 19:05
 Operator : CG/JU
 Sample : L1331-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-2_013020

Quant Time: Feb 01 00:20:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

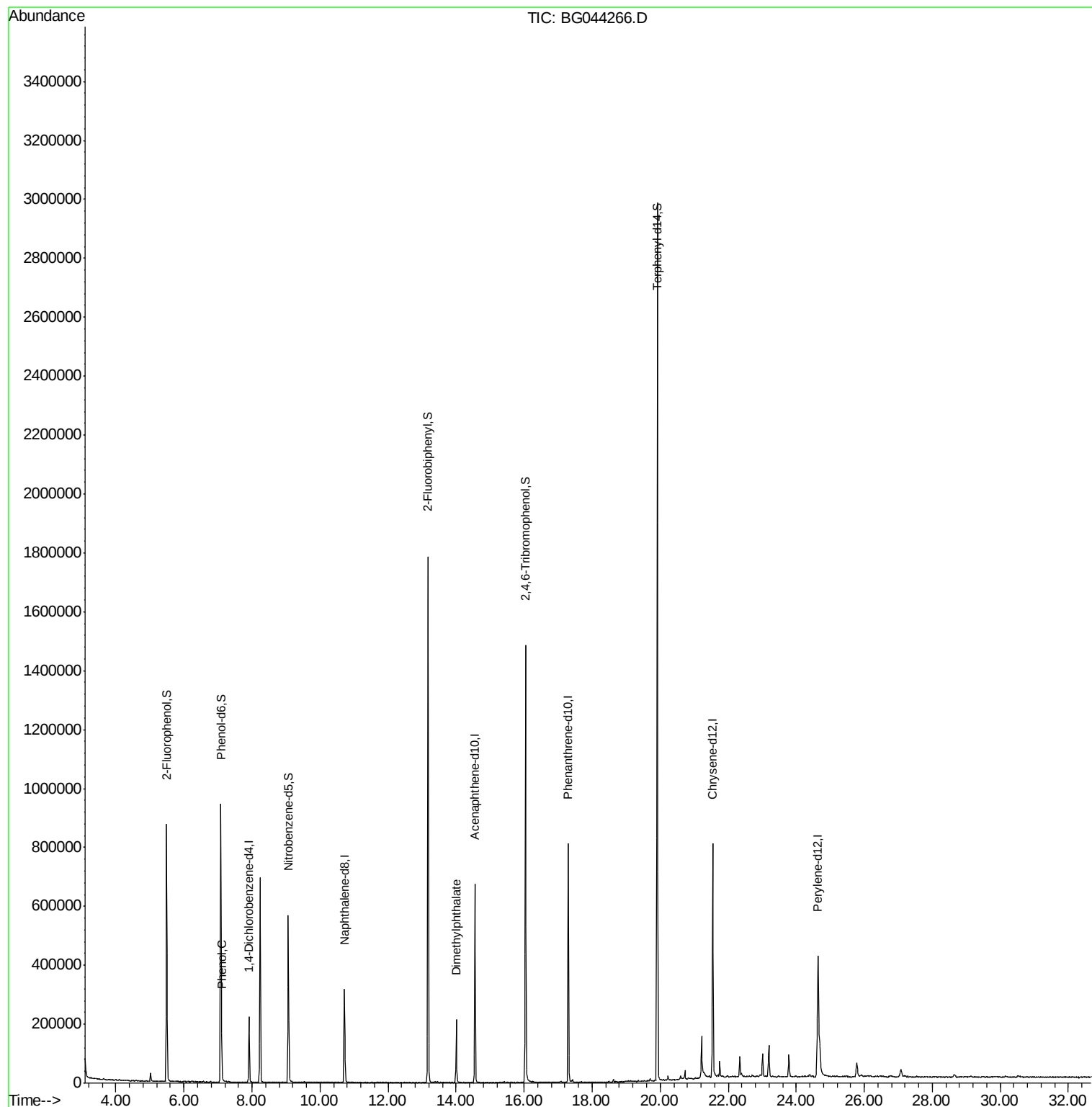
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	68599	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	312635	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	243972	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	534043	20.00	ng	0.00
76) Chrysene-d12	21.54	240	467750	20.00	ng	0.00
87) Perylene-d12	24.64	264	525999	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	424445	109.20	ng	0.00
7) Phenol-d6	7.08	99	607908	116.47	ng	0.00
23) Nitrobenzene-d5	9.07	82	368166	66.48	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	286863	100.16	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	970848	66.64	ng	0.00
79) Terphenyl-d14	19.92	244	1495888	65.78	ng	0.00
Target Compounds						
10) Phenol	7.11	94	26880	5.204	ng	92
50) Dimethylphthalate	14.00	163	157586	8.986	ng	98

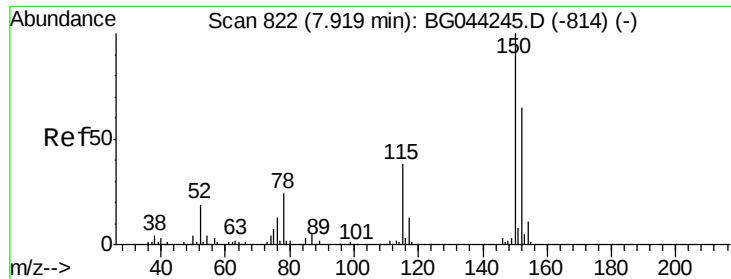
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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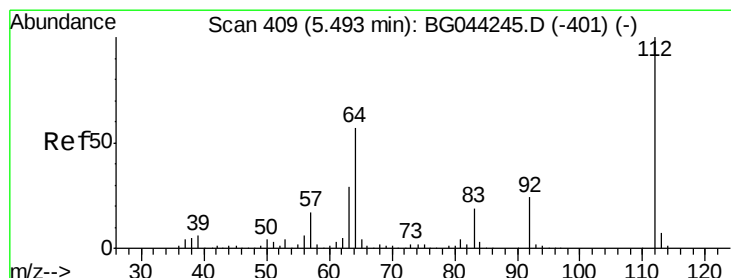
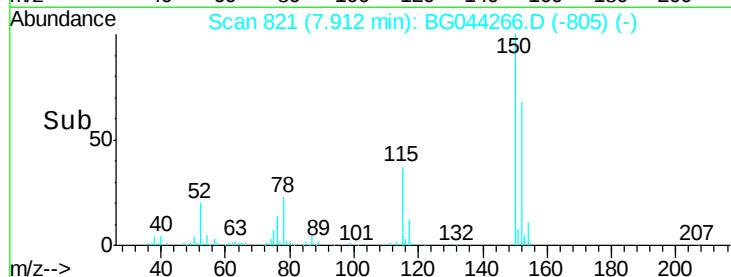
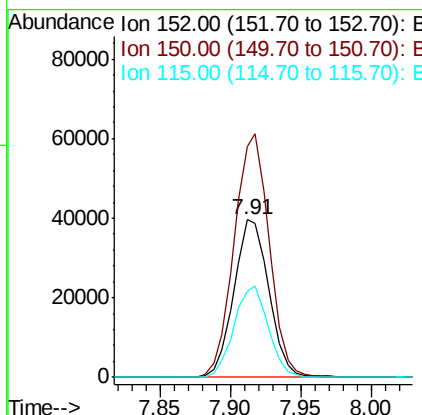
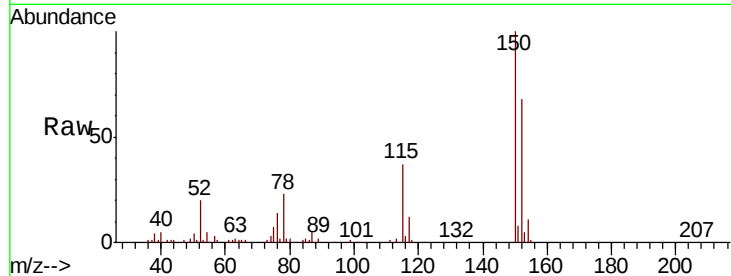


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG044266.D
 Acq: 31 Jan 2020 19:05

Instrument :
 BNA_G
 ClientSampleId :
 C-2_013020

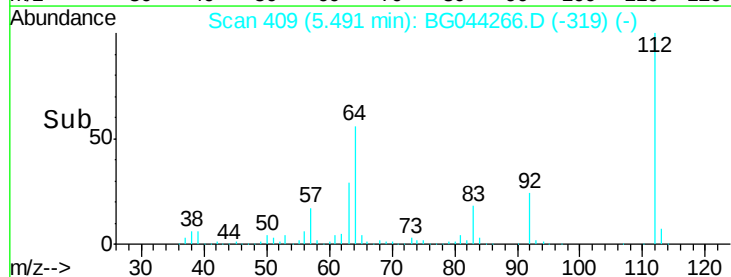
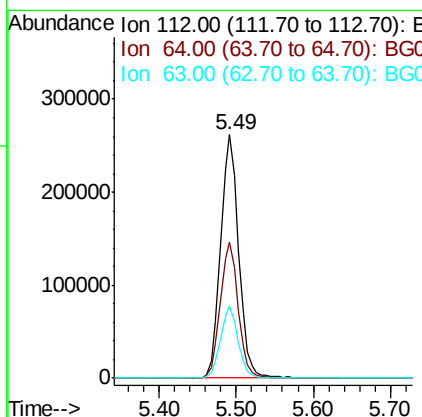
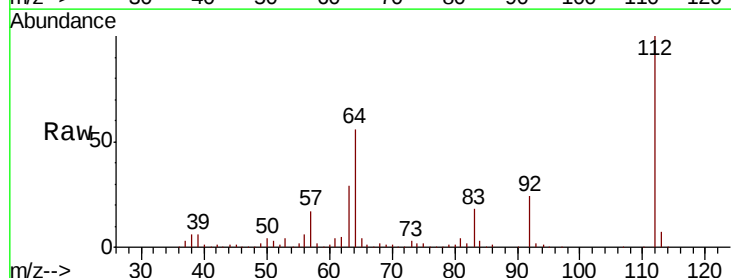
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.0	122.6	183.8
115	55.0	46.0	69.0



#5

2-Fluorophenol
 Concen: 109.197 ng
 RT: 5.49 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BG044266.D
 Acq: 31 Jan 2020 19:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	45.4	68.2
63	29.5	22.9	34.3





#7

Phenol-d6

Concen: 116.466 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044266.D

Acq: 31 Jan 2020 19:05

Instrument :

BNA_G

ClientSampleId :

C-2_013020

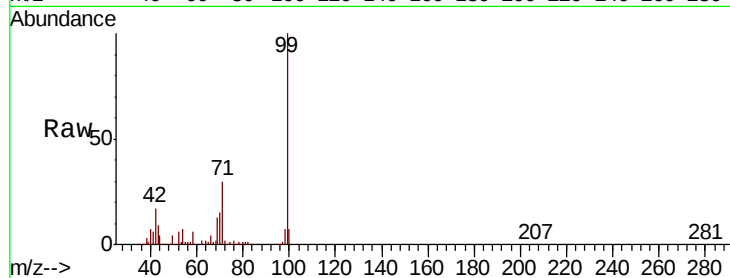
Tot Ion: 99 Resp: 607908

Ion Ratio Lower Upper

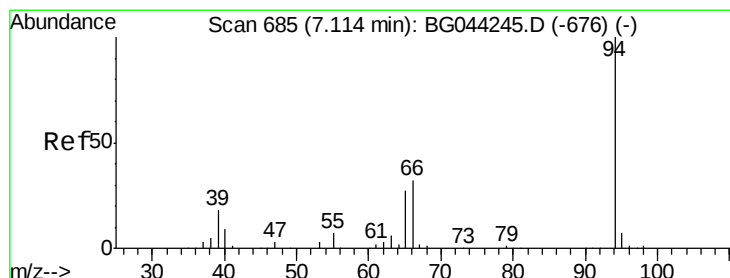
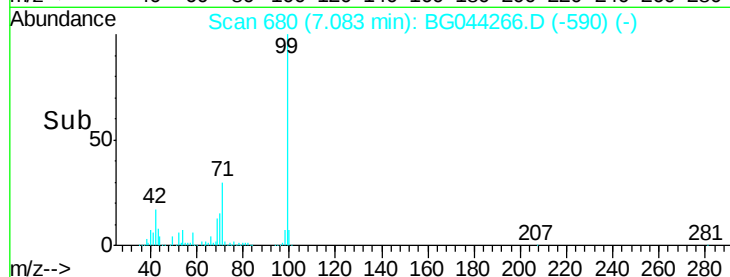
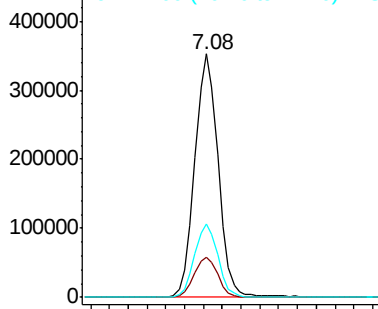
99 100

42 16.7 13.8 20.6

71 29.9 25.5 38.3



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: 5.204 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG044266.D

Acq: 31 Jan 2020 19:05

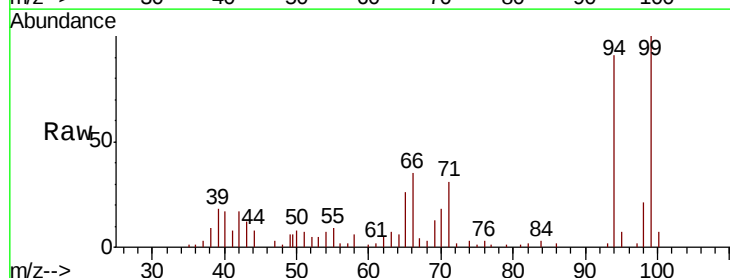
Tgt Ion: 94 Resp: 26880

Ion Ratio Lower Upper

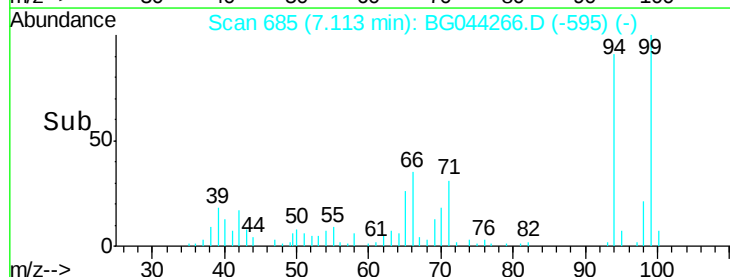
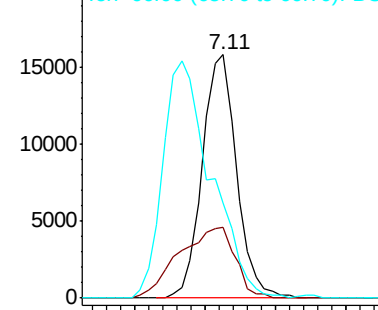
94 100

65 28.9 7.0 47.0

66 38.9 12.7 52.7



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

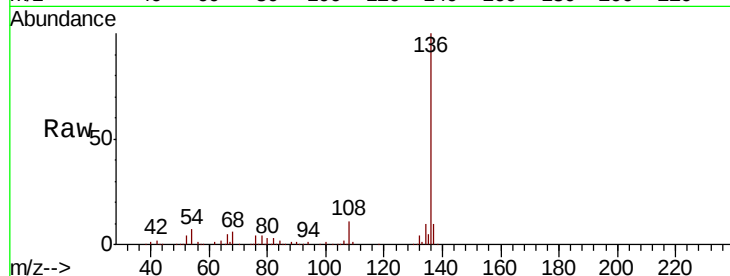




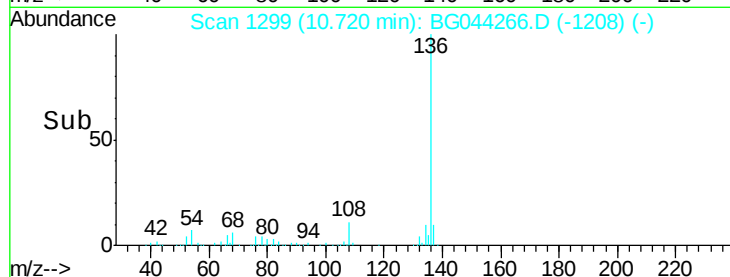
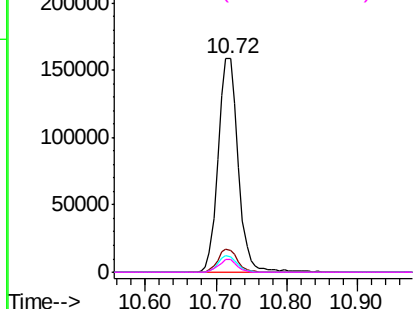
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG044266.D
Acq: 31 Jan 2020 19:05

Instrument :
BNA_G
ClientSampleId :
C-2_013020

Tot Ion:136	Resp:	312635
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.8	13.2
54 7.4	5.8	8.8
68 6.2	4.6	6.8

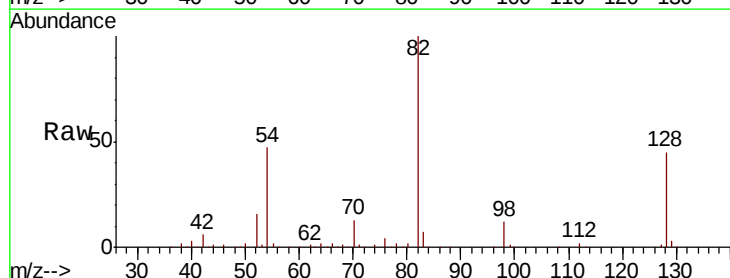


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

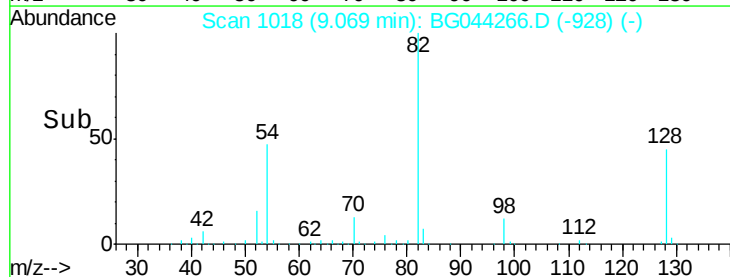
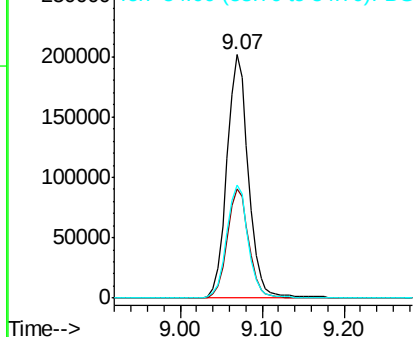


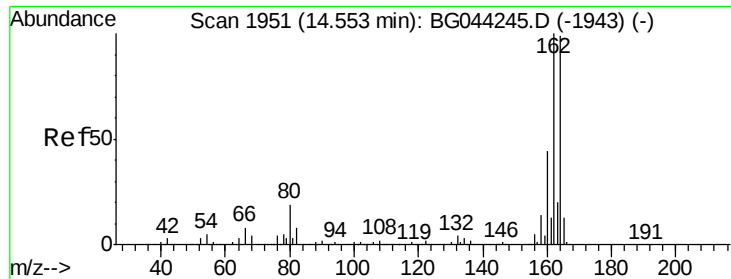
#23
Nitrobenzene-d5
Concen: 66.484 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044266.D
Acq: 31 Jan 2020 19:05

Tgt Ion: 82	Resp: 368166
Ion Ratio	Lower Upper
82 100	
128 44.7	36.5 54.7
54 46.7	38.6 58.0



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: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG044266.D

Acq: 31 Jan 2020 19:05

Instrument :

BNA_G

ClientSampleId :

C-2_013020

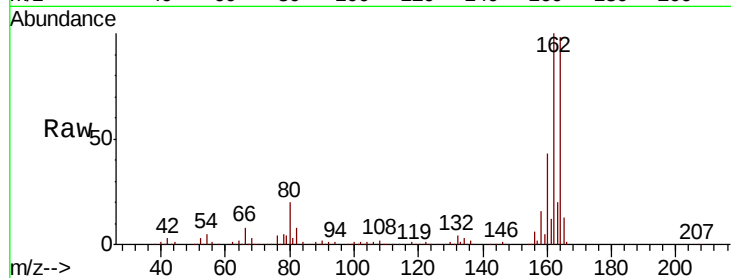
Tot Ion:164 Resp: 243972

Ion Ratio Lower Upper

164 100

162 102.1 80.7 121.1

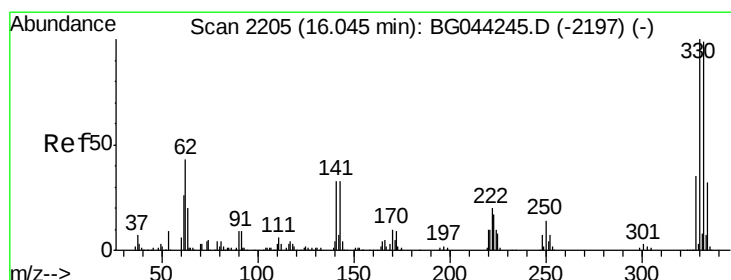
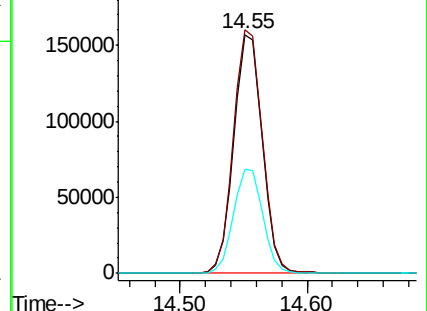
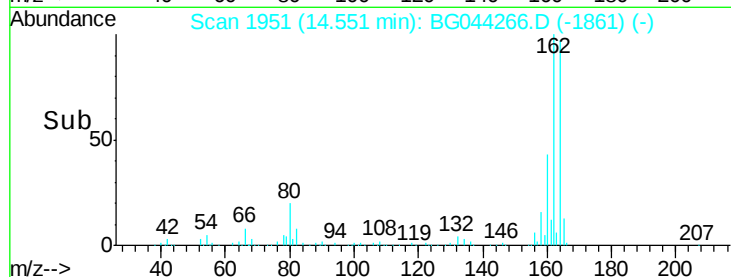
160 43.7 35.3 52.9



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: 100.158 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG044266.D

Acq: 31 Jan 2020 19:05

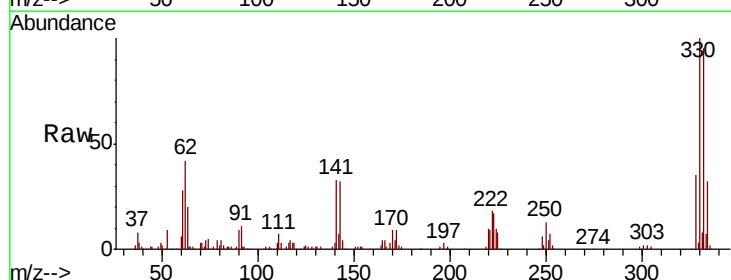
Tgt Ion:330 Resp: 286863

Ion Ratio Lower Upper

330 100

332 97.3 77.2 115.8

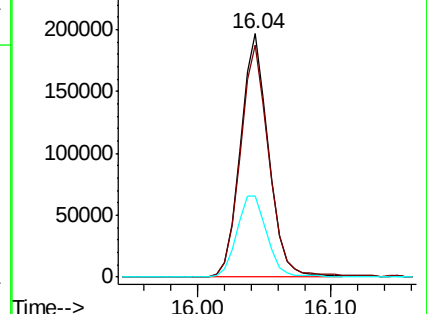
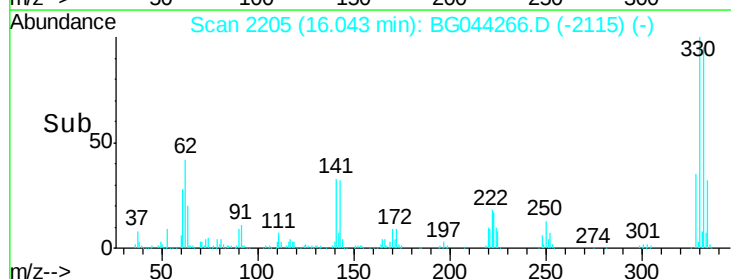
141 36.4 28.3 42.5



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

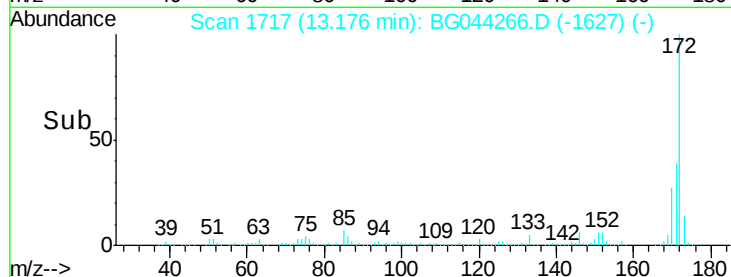
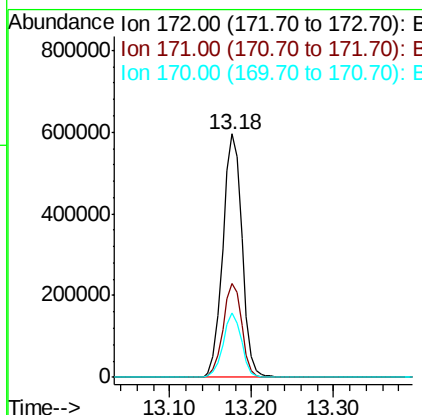
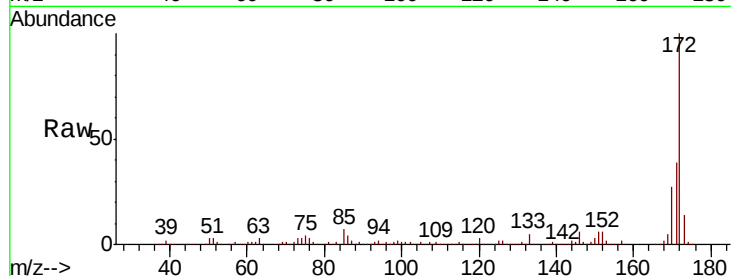




#45
2-Fluorobiphenyl
Concen: 66.636 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044266.D
Acq: 31 Jan 2020 19:05

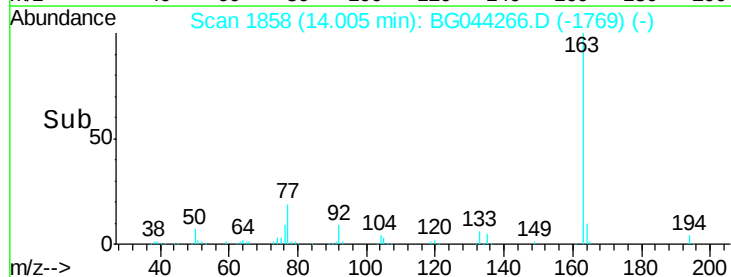
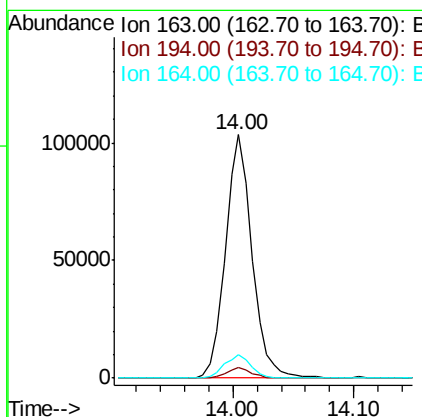
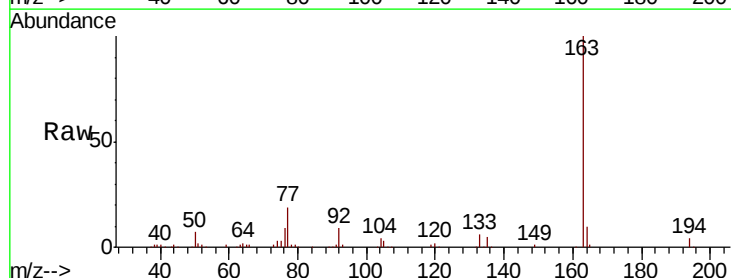
Instrument :
BNA_G
ClientSampleId :
C-2_013020

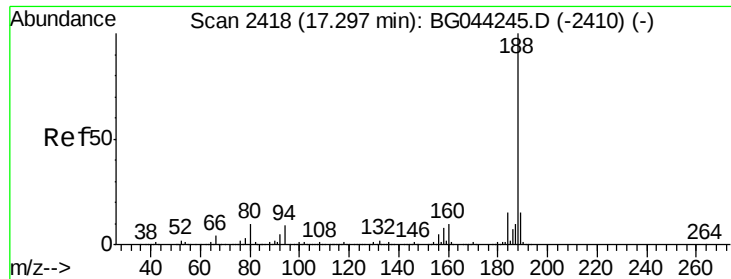
Tot Ion:172 Resp: 970848
Ion Ratio Lower Upper
172 100
171 38.5 32.9 49.3
170 26.6 22.0 33.0



#50
Dimethylphthalate
Concen: 8.986 ng
RT: 14.00 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG044266.D
Acq: 31 Jan 2020 19:05

Tgt Ion:163 Resp: 157586
Ion Ratio Lower Upper
163 100
194 4.4 3.6 5.4
164 9.9 8.7 13.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.29 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG044266.D

Acq: 31 Jan 2020 19:05

Instrument :

BNA_G

ClientSampleId :

C-2_013020

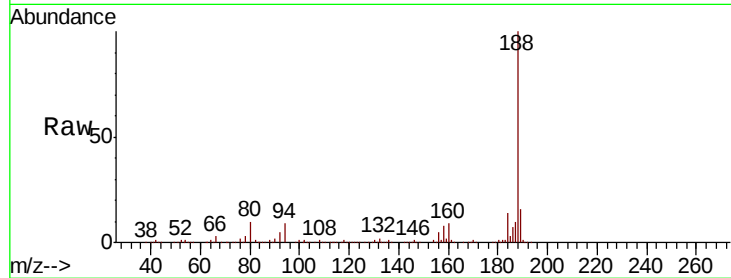
Tot Ion:188 Resp: 534043

Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

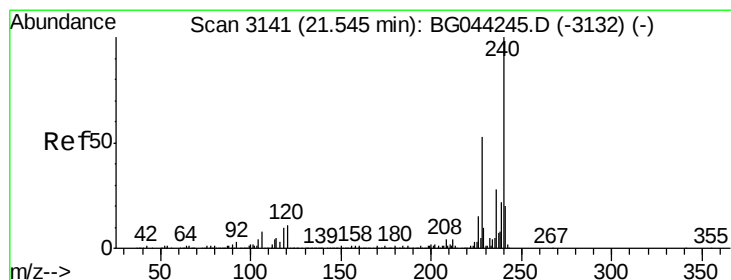
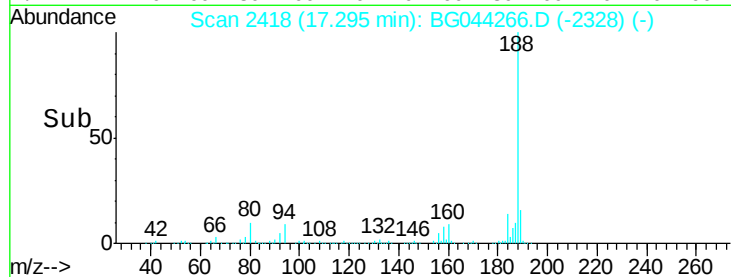
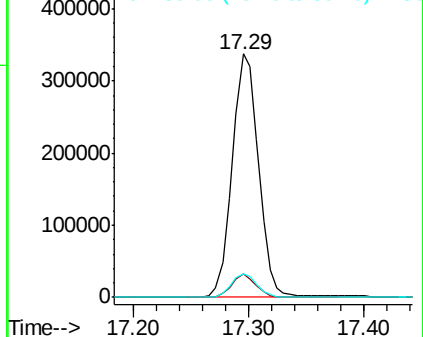
80 9.9 7.7 11.5



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: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG044266.D

Acq: 31 Jan 2020 19:05

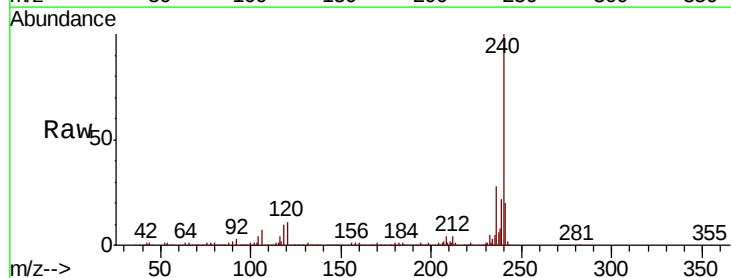
Tgt Ion:240 Resp: 467750

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

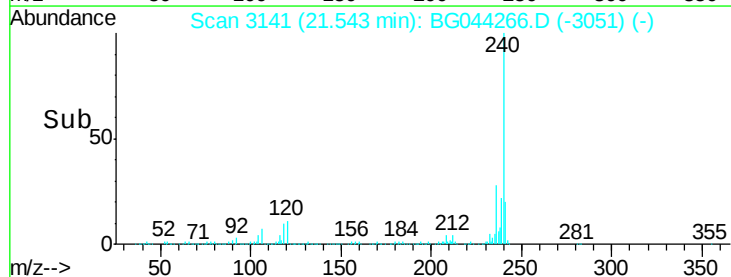
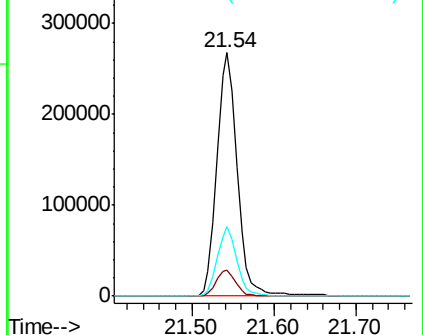
236 28.3 22.1 33.1

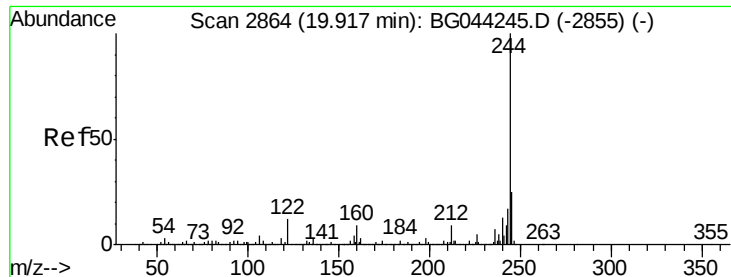


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 65.780 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044266.D

Acq: 31 Jan 2020 19:05

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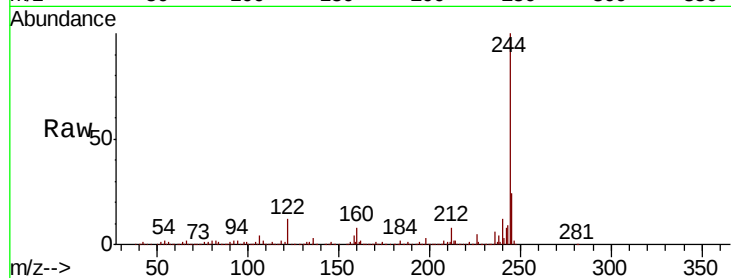
Tot Ion:244 Resp: 1495888

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.2

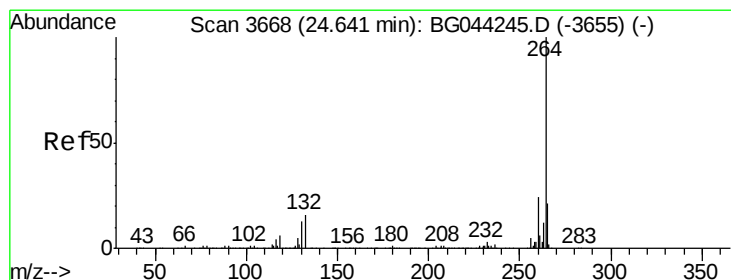
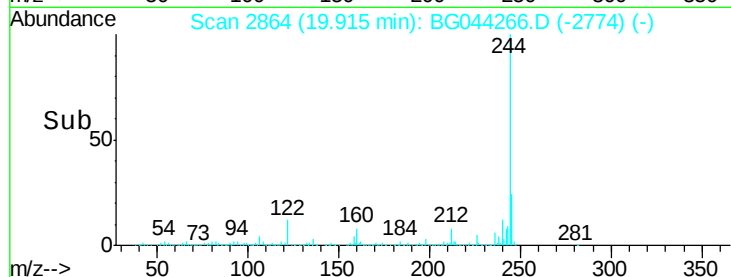
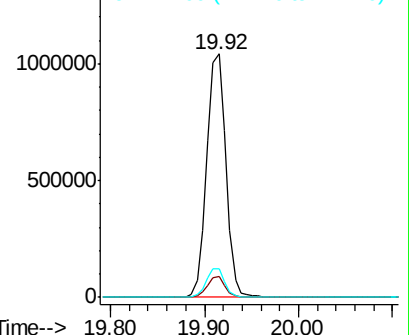
122 11.6 9.8 14.6



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: 24.64 min Scan# 3668

Delta R.T. -0.00 min

Lab File: BG044266.D

Acq: 31 Jan 2020 19:05

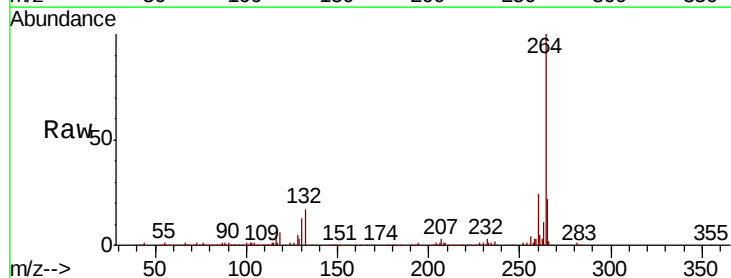
Tgt Ion:264 Resp: 525999

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 22.0 16.7 25.1



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

