

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
 Data File : BG044205.D
 Acq On : 25 Jan 2020 7:02
 Operator : CG/JU
 Sample : L1242-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20200058-COMP-4

Quant Time: Jan 27 04:49:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

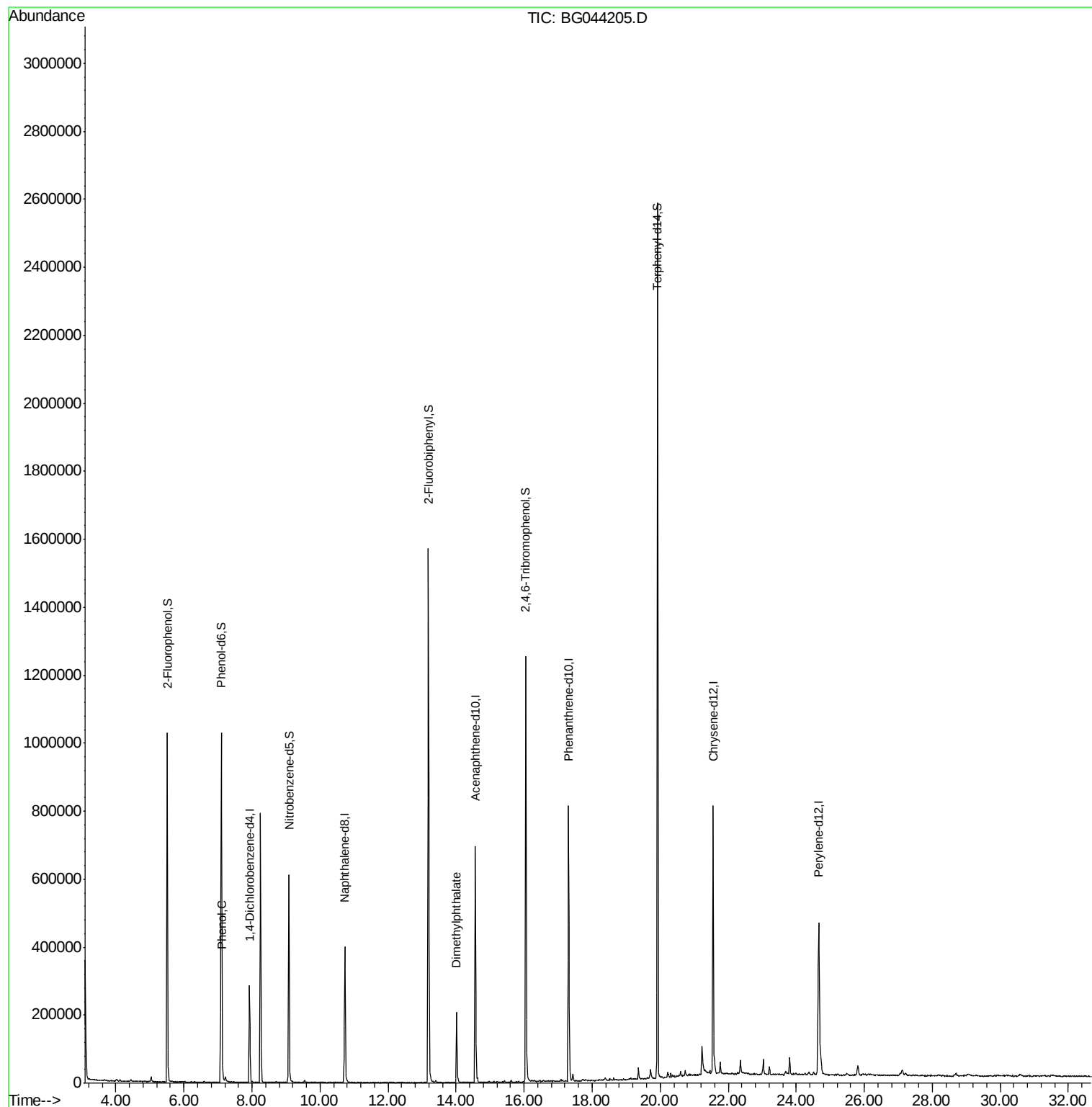
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	84918	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	385034	20.00	ng	-0.04
39) Acenaphthene-d10	14.56	164	259320	20.00	ng	-0.04
64) Phenanthrene-d10	17.31	188	514011	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	440297	20.00	ng	-0.04
87) Perylene-d12	24.66	264	488352	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	494983	107.03	ng	-0.03
7) Phenol-d6	7.10	99	682506	105.57	ng	-0.02
23) Nitrobenzene-d5	9.09	82	405644	56.36	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	237731	87.60	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	886529	61.94	ng	-0.04
79) Terphenyl-d14	19.92	244	1201891	60.50	ng	-0.03
Target Compounds						
10) Phenol	7.12	94	29656	4.452	ng	94
50) Dimethylphthalate	14.02	163	159692	8.673	ng	98

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

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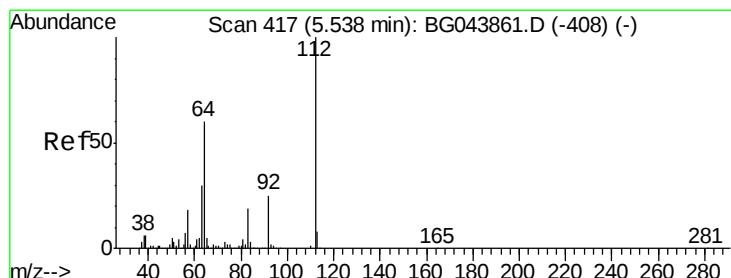
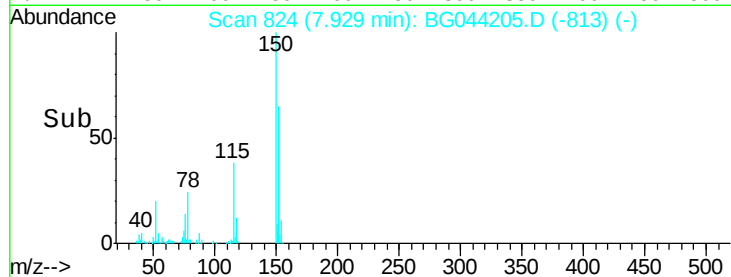
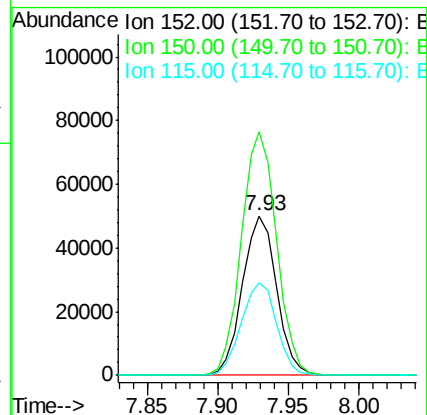
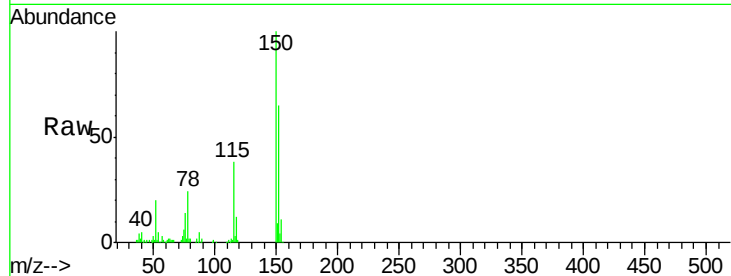


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044205.D
Acq: 25 Jan 2020 7:02

Instrument :
BNA_G
ClientSampleId :
20200058-COMP-4

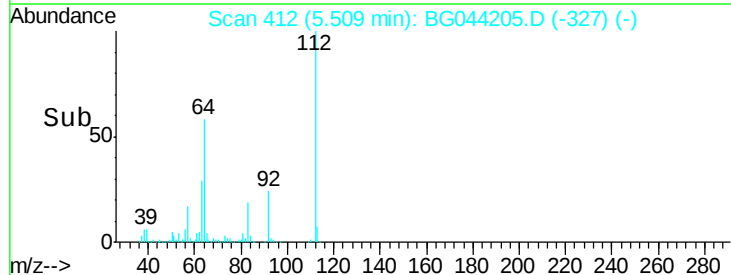
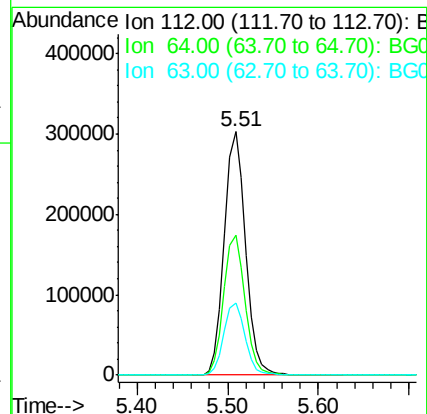
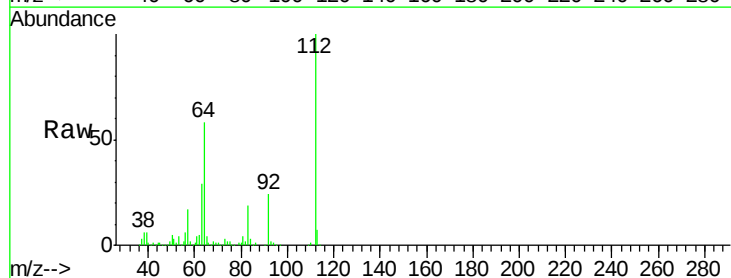
Tot Ion:152 Resp: 84918
Ion Ratio Lower Upper
152 100
150 152.9 127.0 190.4
115 58.4 47.8 71.8

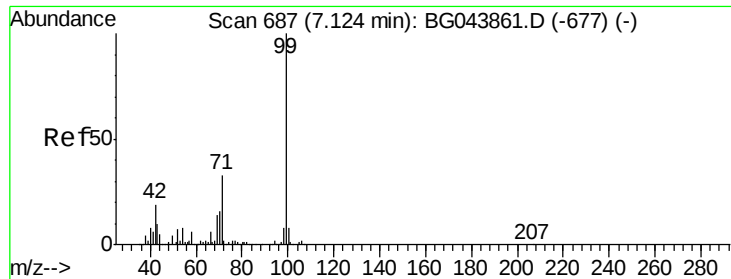


#5

2-Fluorophenol
Concen: 107.027 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044205.D
Acq: 25 Jan 2020 7:02

Tgt Ion:112 Resp: 494983
Ion Ratio Lower Upper
112 100
64 57.5 47.8 71.6
63 29.4 24.3 36.5





#7

Phenol-d6

Concen: 105.574 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044205.D

Acq: 25 Jan 2020 7:02

Instrument :

BNA_G

ClientSampleId :

20200058-COMP-4

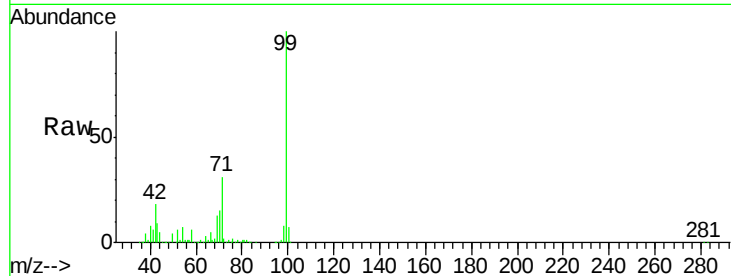
Tot Ion: 99 Resp: 682506

Ion Ratio Lower Upper

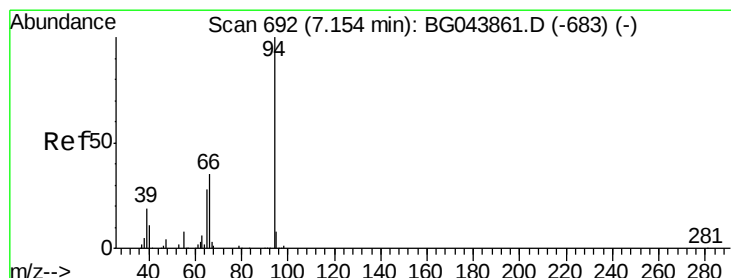
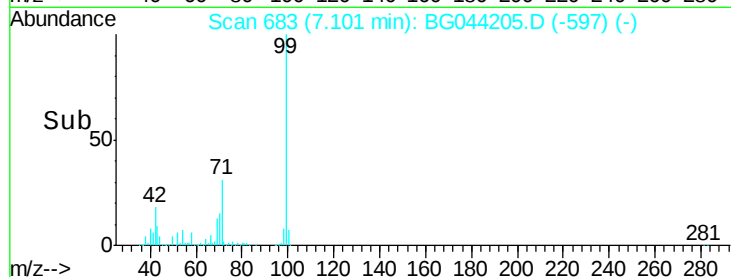
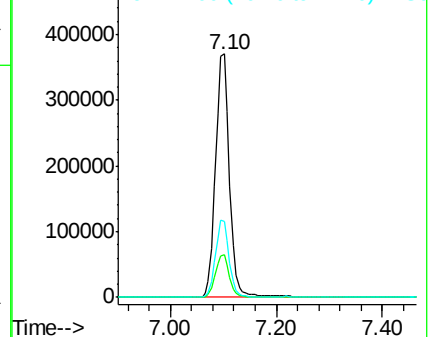
99 100

42 17.5 14.9 22.3

71 31.3 26.4 39.6



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: 4.452 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044205.D

Acq: 25 Jan 2020 7:02

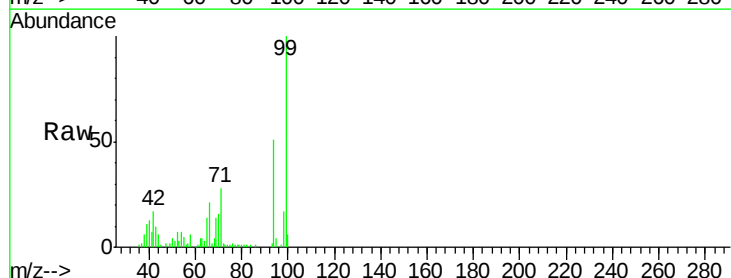
Tgt Ion: 94 Resp: 29656

Ion Ratio Lower Upper

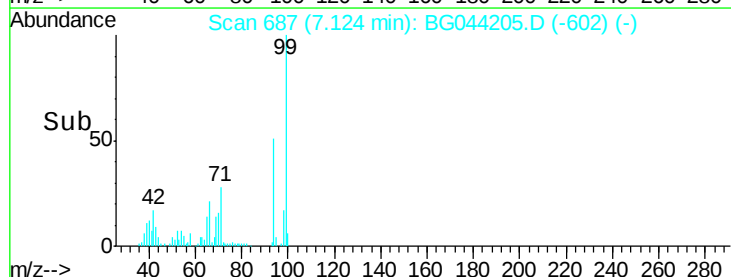
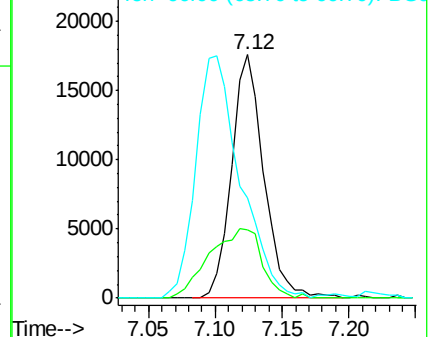
94 100

65 28.3 8.1 48.1

66 41.2 15.6 55.6



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

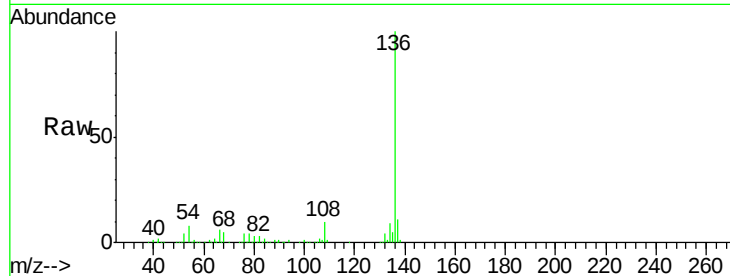




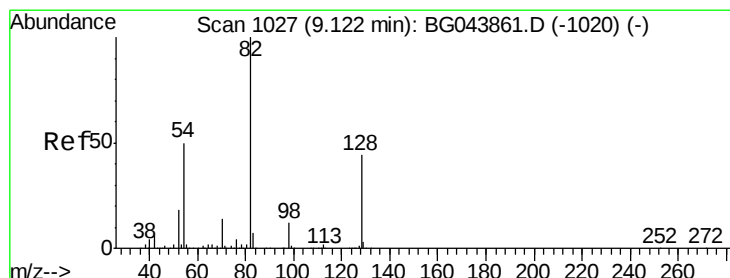
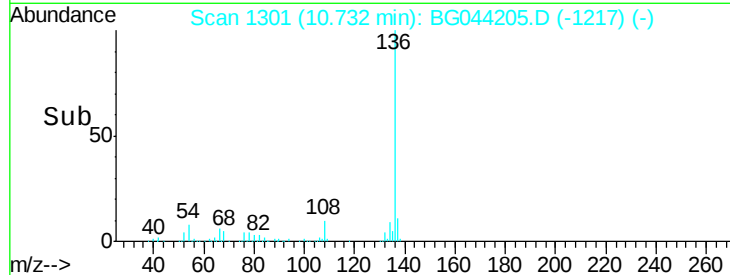
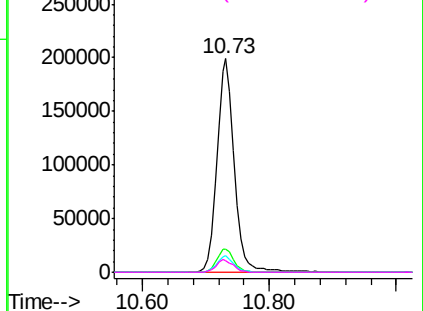
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044205.D
Acq: 25 Jan 2020 7:02

Instrument :
BNA_G
ClientSampleId :
20200058-COMP-4

Tot Ion:136	Resp:	385034
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.8 13.2
54	7.8	7.0 10.4
68	5.3	4.9 7.3

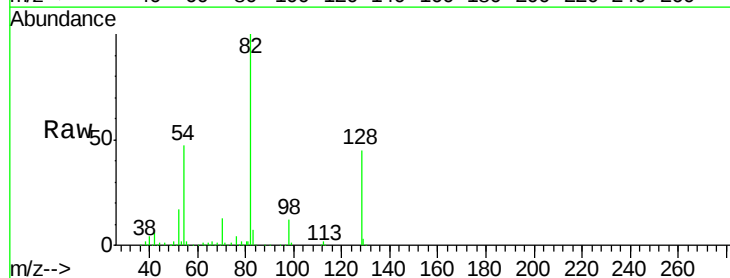


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

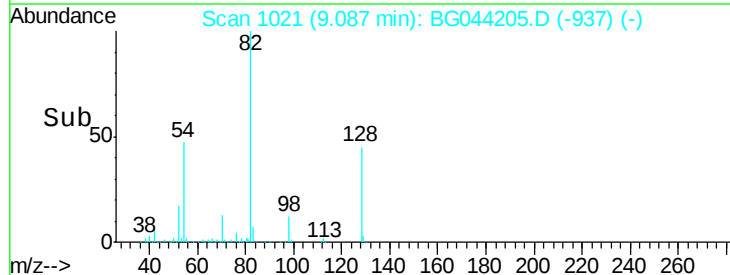
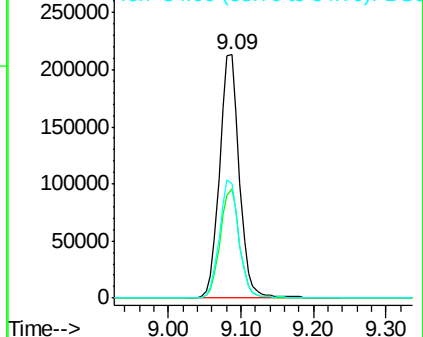


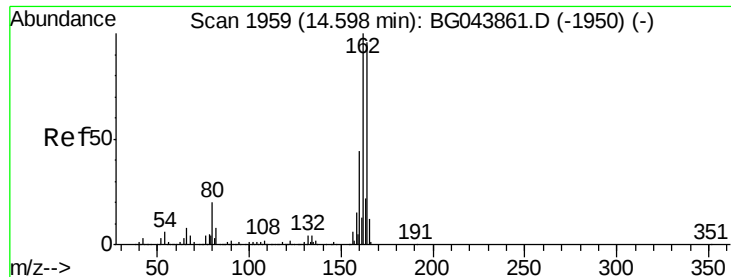
#23
Nitrobenzene-d5
Concen: 56.359 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044205.D
Acq: 25 Jan 2020 7:02

Tgt Ion: 82	Resp:	405644
Ion	Ratio	Lower Upper
82	100	
128	44.7	35.1 52.7
54	46.8	40.1 60.1



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: 14.56 min Scan# 1953

Delta R.T. -0.04 min

Lab File: BG044205.D

Acq: 25 Jan 2020 7:02

Instrument :

BNA_G

ClientSampleId :

20200058-COMP-4

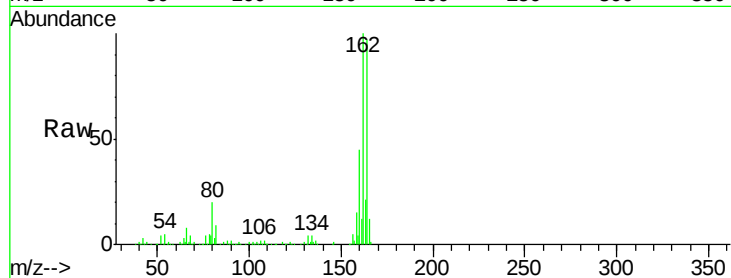
Tot Ion:164 Resp: 259320

Ion Ratio Lower Upper

164 100

162 103.1 83.0 124.4

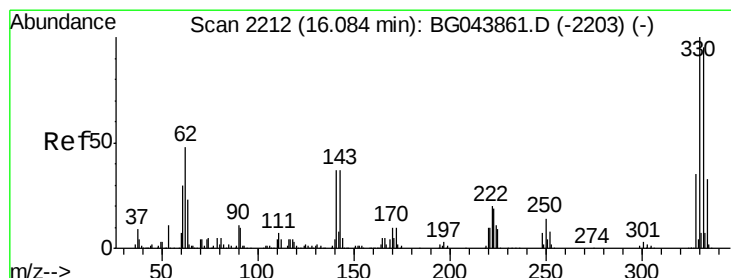
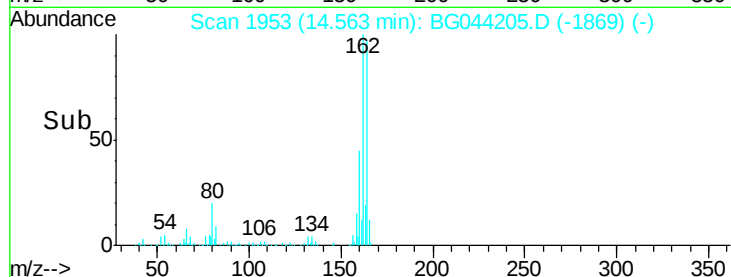
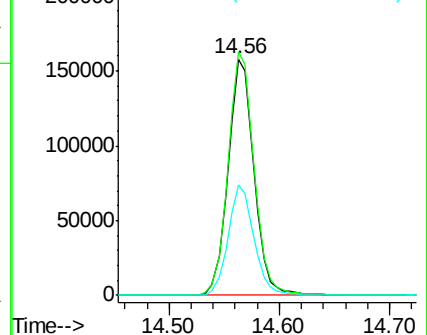
160 46.6 36.1 54.1



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: 87.603 ng

RT: 16.05 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044205.D

Acq: 25 Jan 2020 7:02

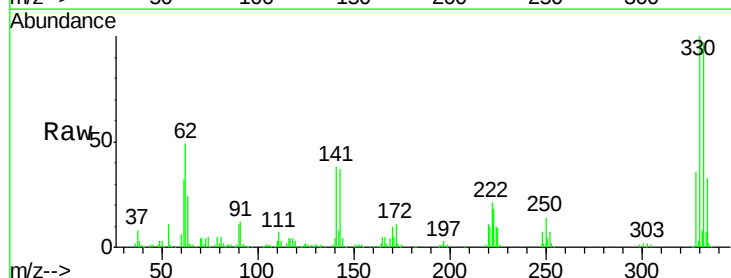
Tgt Ion:330 Resp: 237731

Ion Ratio Lower Upper

330 100

332 97.2 77.2 115.8

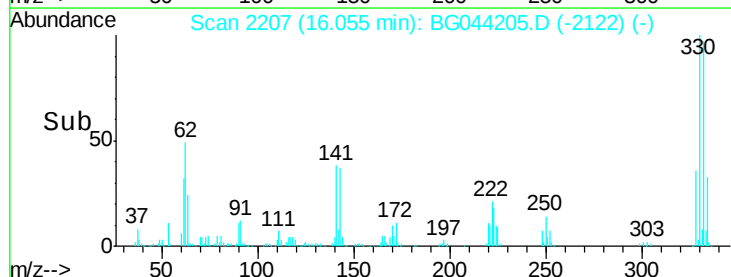
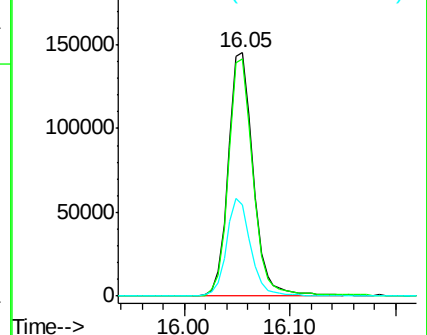
141 39.5 33.1 49.7



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

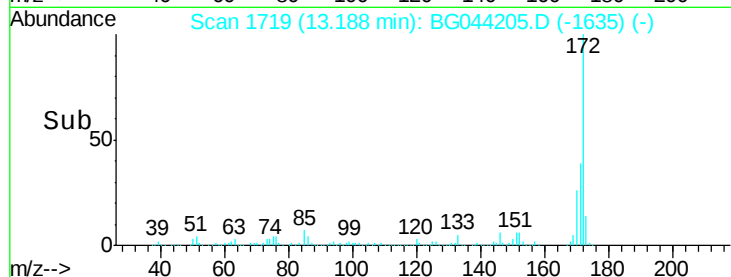
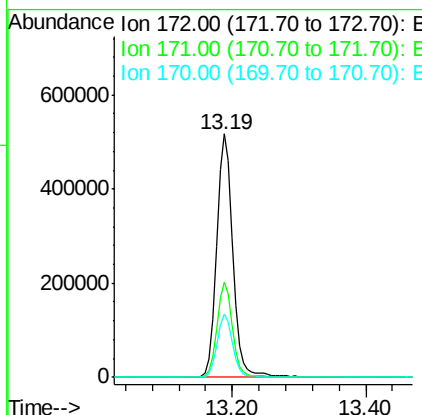
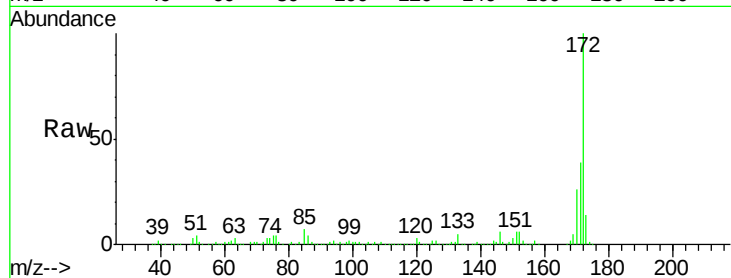




#45
 2-Fluorobiphenyl
 Concen: 61.938 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.04 min
 Lab File: BG044205.D
 Acq: 25 Jan 2020 7:02

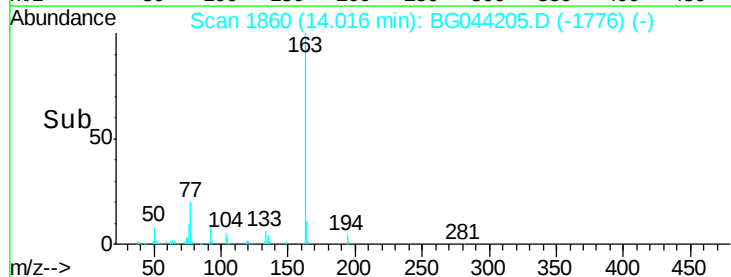
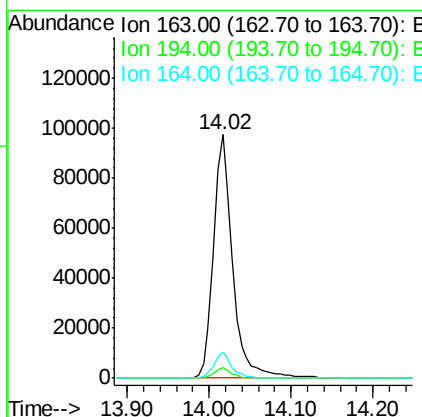
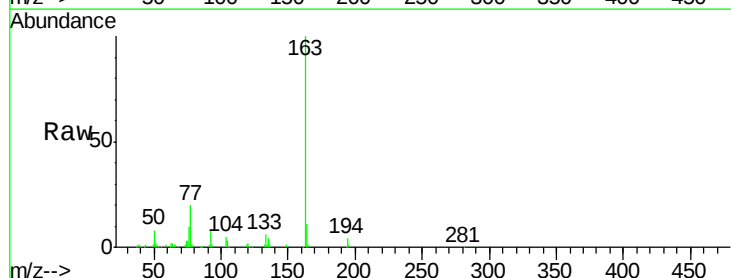
Instrument :
 BNA_G
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 20200058-COMP-4

Tot Ion:172 Resp: 886529
 Ion Ratio Lower Upper
 172 100
 171 39.0 35.8 53.8
 170 25.7 24.2 36.4



#50
 Dimethylphthalate
 Concen: 8.673 ng
 RT: 14.02 min Scan# 1860
 Delta R.T. -0.04 min
 Lab File: BG044205.D
 Acq: 25 Jan 2020 7:02

Tgt Ion:163 Resp: 159692
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.7 5.5
 164 10.6 9.3 13.9

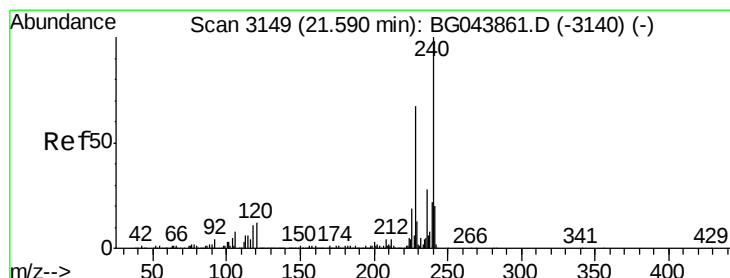
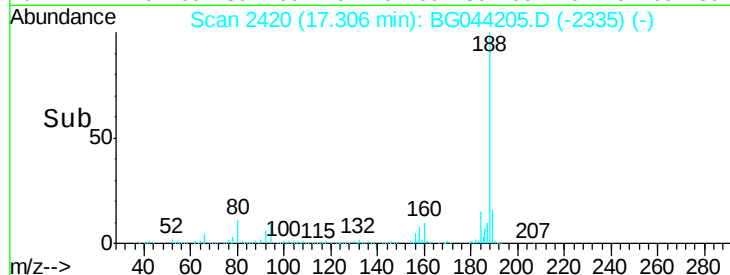
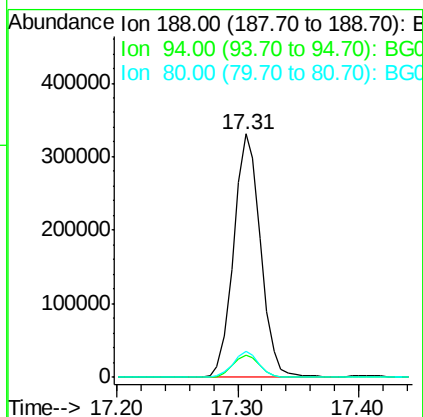
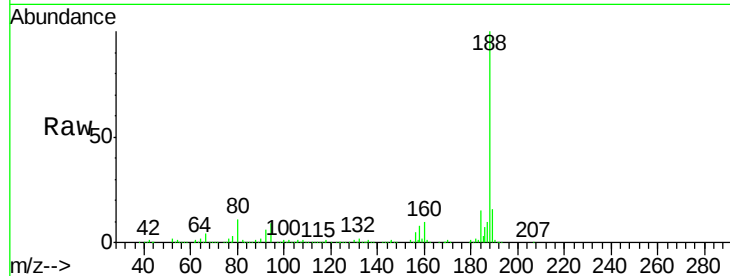




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044205.D
Acq: 25 Jan 2020 7:02

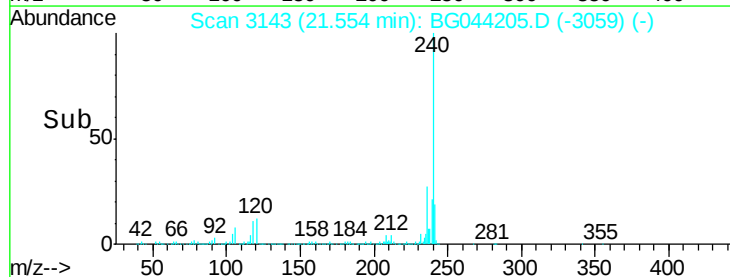
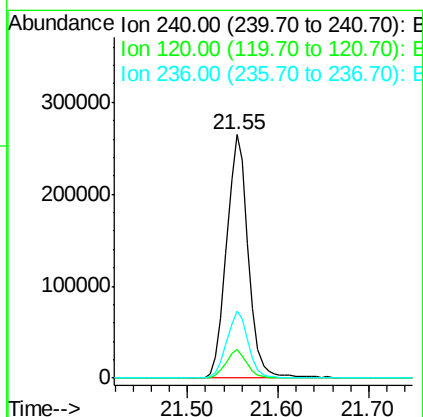
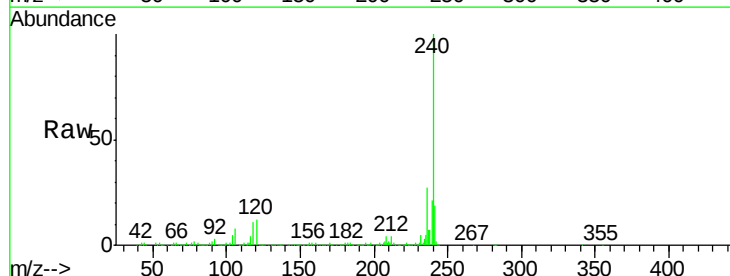
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ClientSampleId :
20200058-COMP-4

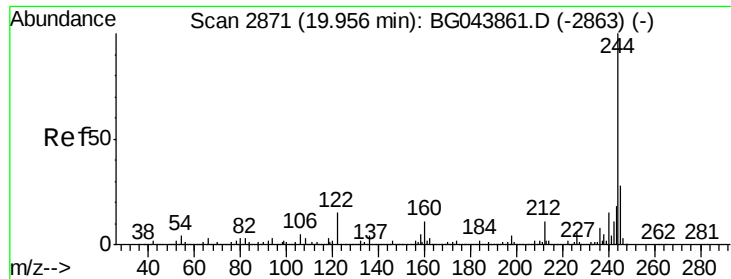
Tot Ion:188 Resp: 514011
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 10.6 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.04 min
Lab File: BG044205.D
Acq: 25 Jan 2020 7:02

Tgt Ion:240 Resp: 440297
Ion Ratio Lower Upper
240 100
120 11.6 9.6 14.4
236 27.5 22.2 33.2





#79

Terphenyl-d14

Concen: 60.499 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044205.D

Acq: 25 Jan 2020 7:02

Instrument :

BNA_G

ClientSampleId :

20200058-COMP-4

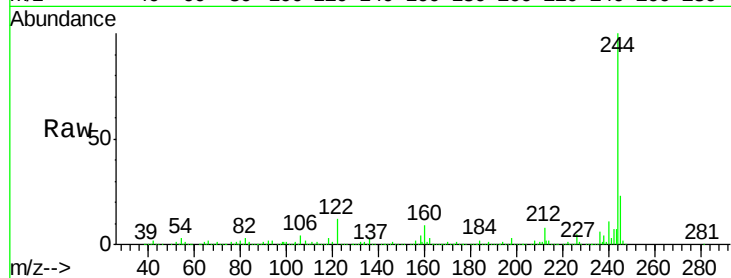
Tot Ion:244 Resp: 1201891

Ion Ratio Lower Upper

244 100

212 8.4 8.6 13.0#

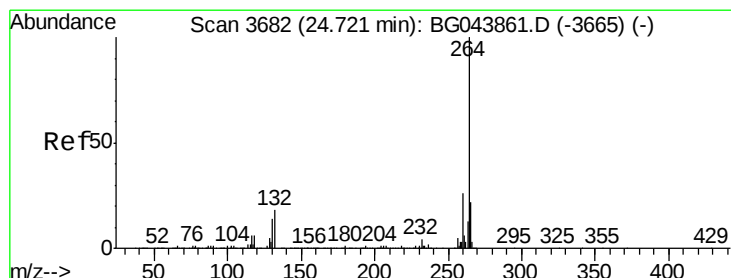
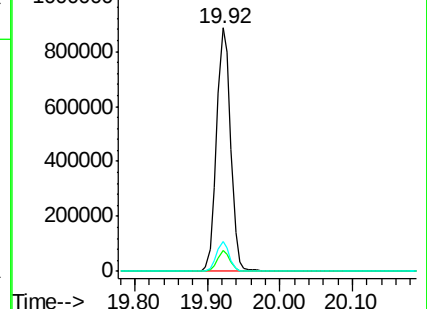
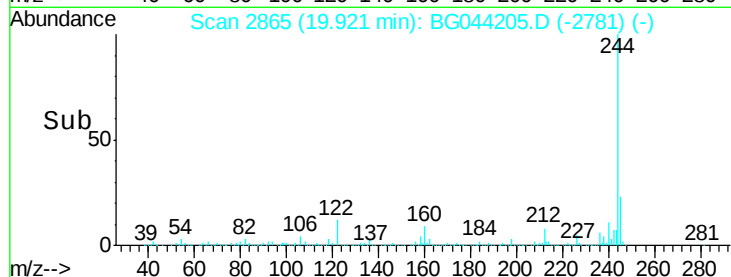
122 12.0 11.9 17.9



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: 24.66 min Scan# 3672

Delta R.T. -0.06 min

Lab File: BG044205.D

Acq: 25 Jan 2020 7:02

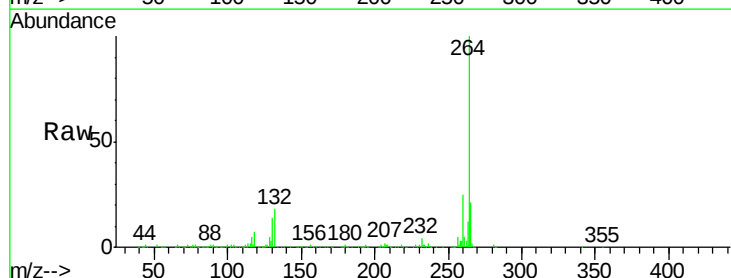
Tgt Ion:264 Resp: 488352

Ion Ratio Lower Upper

264 100

260 24.7 20.4 30.6

265 21.4 17.4 26.2



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

