

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\
 Data File : BG044267.D
 Acq On : 31 Jan 2020 19:44
 Operator : CG/JU
 Sample : L1331-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-3_013020

Quant Time: Feb 01 00:22:29 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

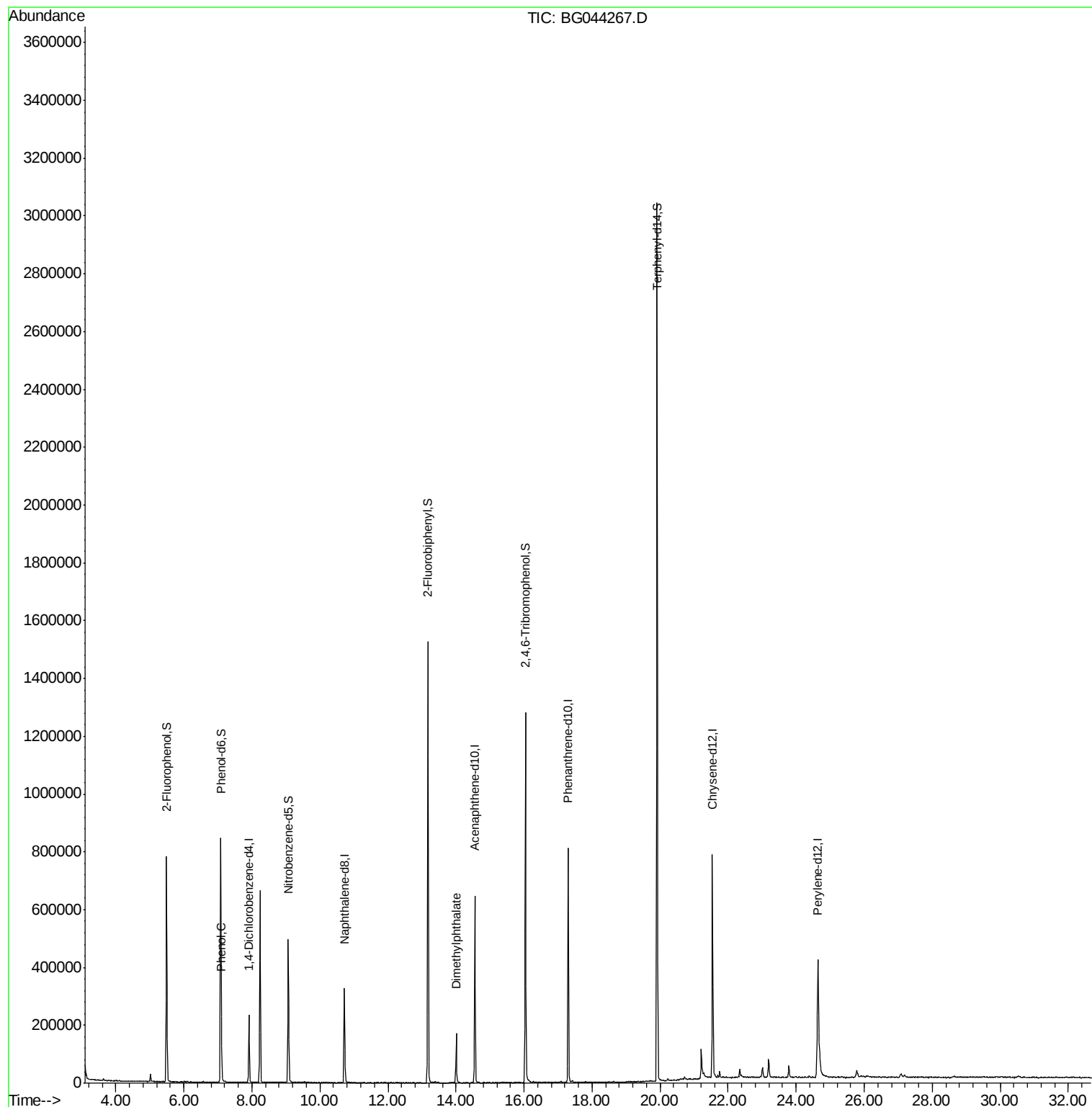
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	67992	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	305347	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	228160	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	524982	20.00	ng	0.00
76) Chrysene-d12	21.54	240	469365	20.00	ng	0.00
87) Perylene-d12	24.64	264	500455	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	394730	102.46	ng	0.00
7) Phenol-d6	7.09	99	552202	106.74	ng	0.00
23) Nitrobenzene-d5	9.07	82	333599	61.68	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	245781	91.76	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	878392	64.47	ng	0.00
79) Terphenyl-d14	19.91	244	1469951	64.42	ng	0.00
Target Compounds						
10) Phenol	7.11	94	25985	5.075	ng	89
50) Dimethylphthalate	14.01	163	137166	8.363	ng	99

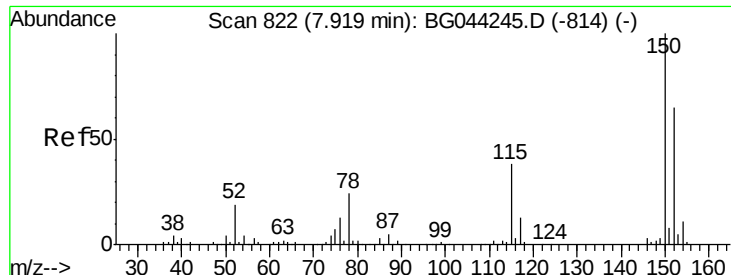
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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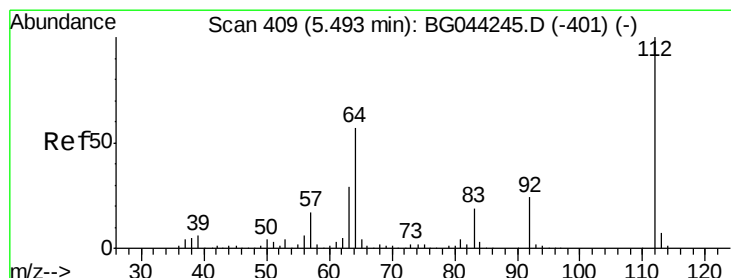
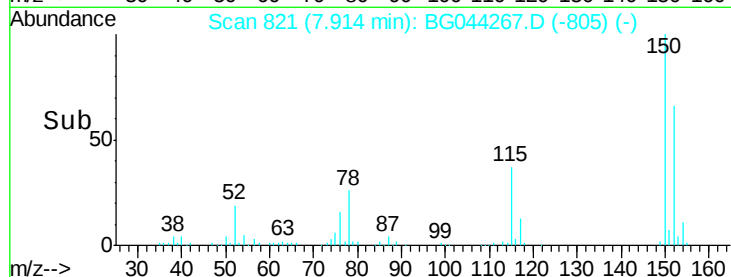
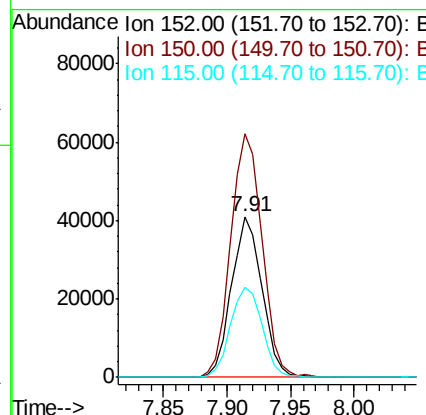
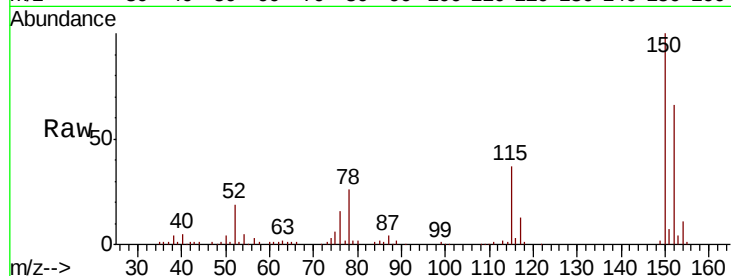


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044267.D
Acq: 31 Jan 2020 19:44

Instrument :
BNA_G
ClientSampleId :
C-3_013020

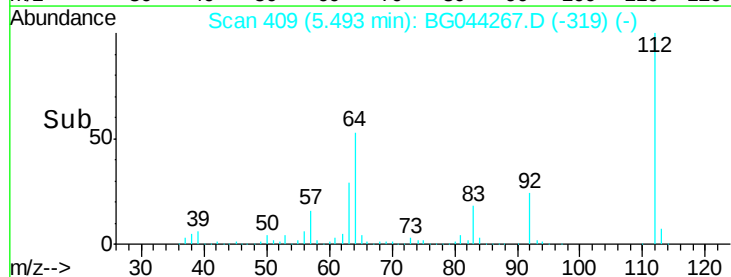
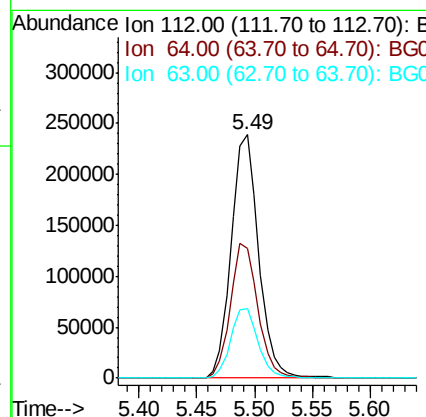
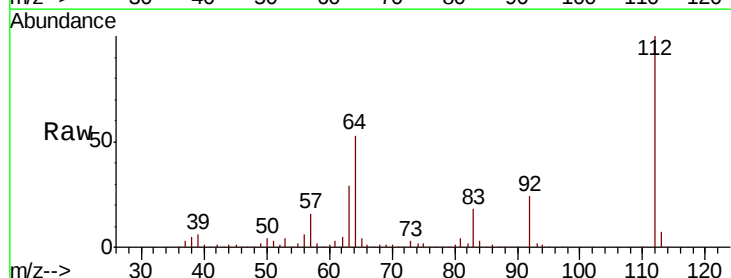
Tot Ion:152 Resp: 67992
Ion Ratio Lower Upper
152 100
150 151.5 122.6 183.8
115 55.7 46.0 69.0

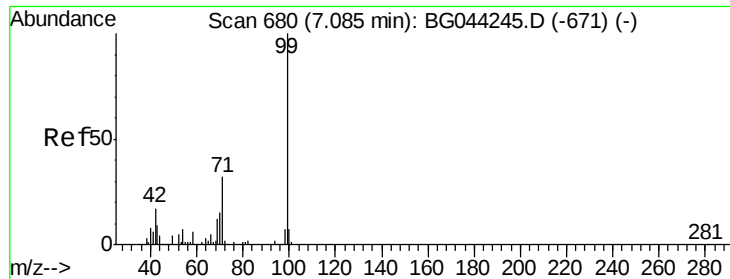


#5

2-Fluorophenol
Concen: 102.459 ng
RT: 5.49 min Scan# 409
Delta R.T. 0.00 min
Lab File: BG044267.D
Acq: 31 Jan 2020 19:44

Tgt Ion:112 Resp: 394730
Ion Ratio Lower Upper
112 100
64 53.3 45.4 68.2
63 28.5 22.9 34.3





#7

Phenol-d6

Concen: 106.738 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044267.D

Acq: 31 Jan 2020 19:44

Instrument :

BNA_G

ClientSampleId :

C-3_013020

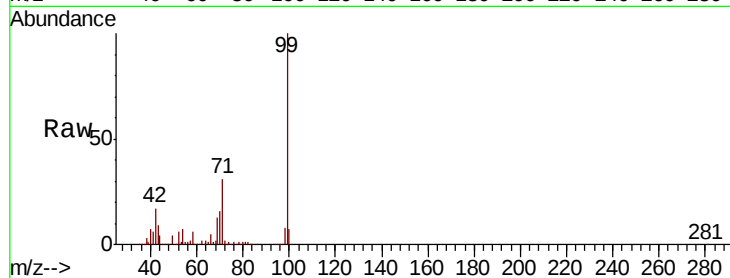
Tot Ion: 99 Resp: 552202

Ion Ratio Lower Upper

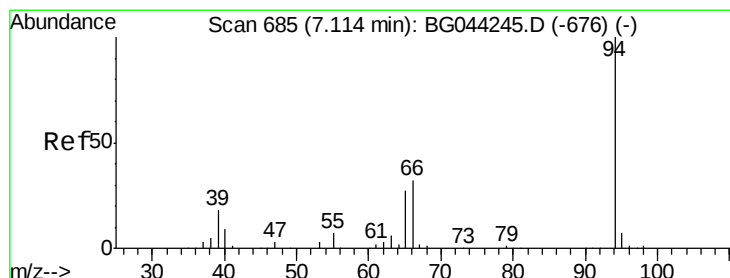
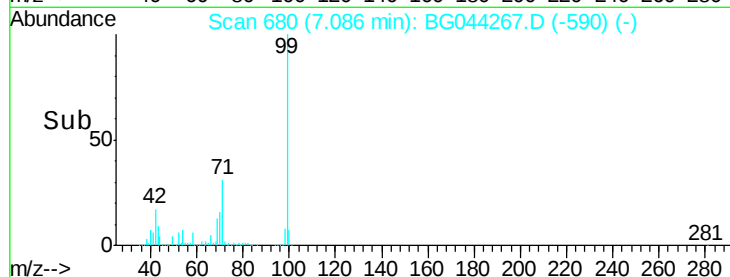
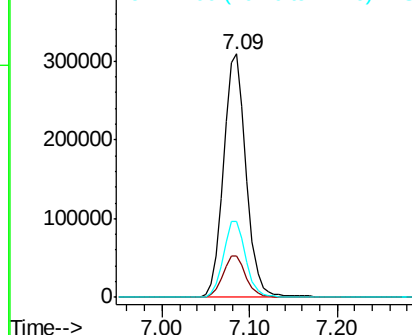
99 100

42 16.9 13.8 20.6

71 31.3 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: 5.075 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG044267.D

Acq: 31 Jan 2020 19:44

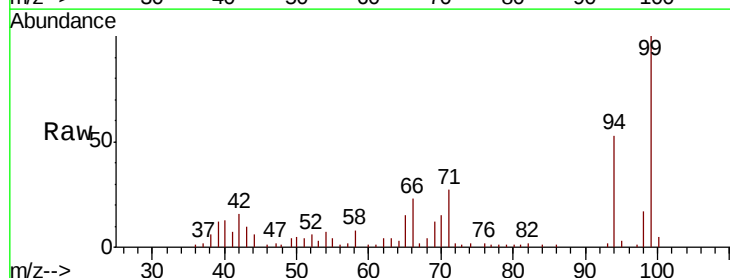
Tgt Ion: 94 Resp: 25985

Ion Ratio Lower Upper

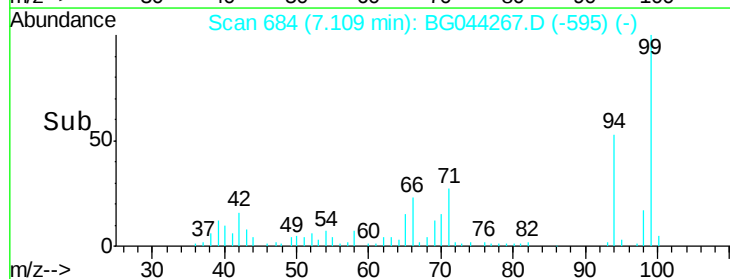
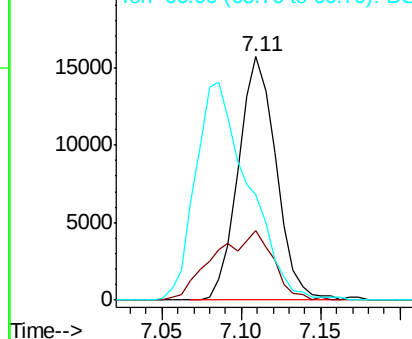
94 100

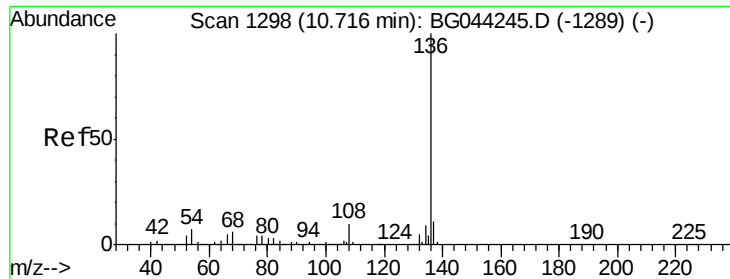
65 28.3 7.0 47.0

66 43.2 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

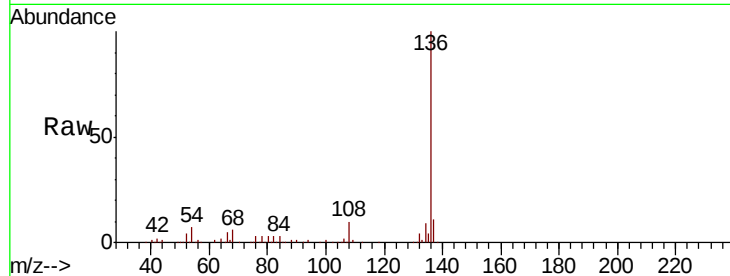




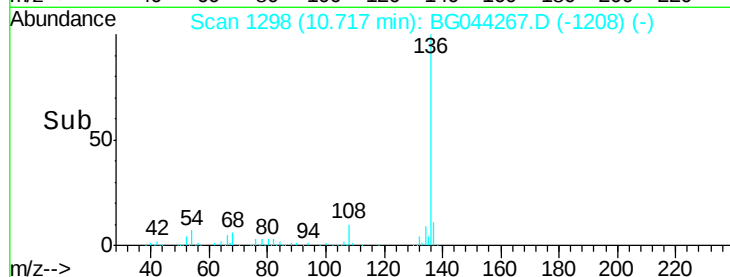
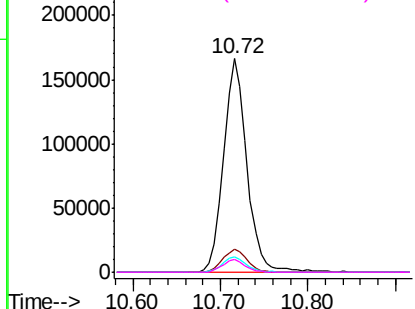
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG044267.D
Acq: 31 Jan 2020 19:44

Instrument :
BNA_G
ClientSampleId :
C-3_013020

Tot Ion:136	Resp:	305347
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.8	13.2
54 7.3	5.8	8.8
68 5.9	4.6	6.8

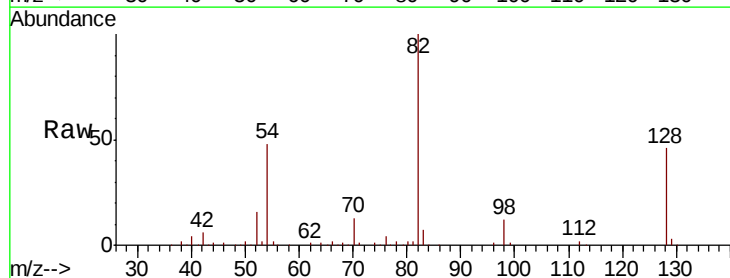


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

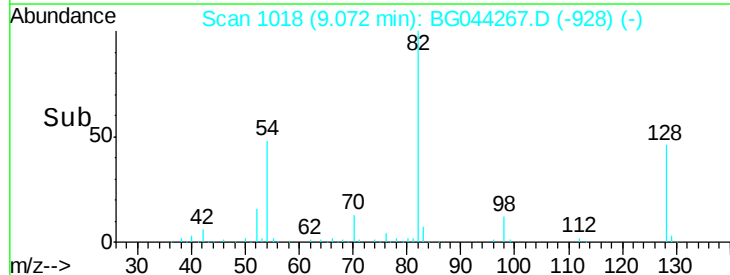
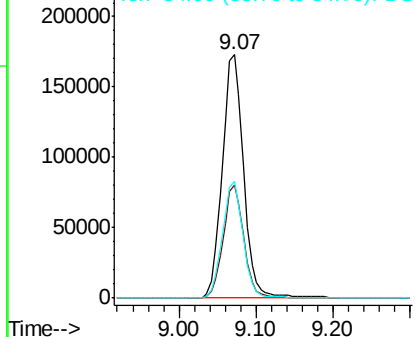


#23
Nitrobenzene-d5
Concen: 61.680 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BG044267.D
Acq: 31 Jan 2020 19:44

Tgt Ion: 82	Resp: 333599
Ion Ratio	Lower Upper
82 100	
128 46.4	36.5 54.7
54 47.9	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: BG044267.D

Acq: 31 Jan 2020 19:44

Instrument :

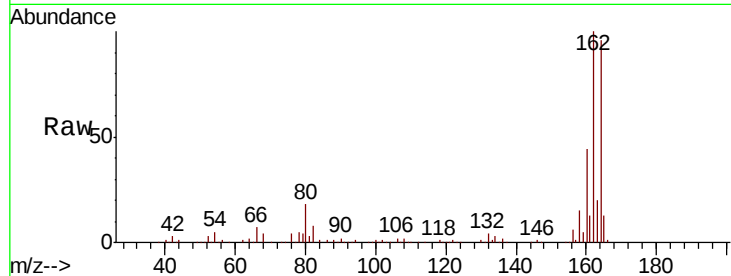
BNA_G

ClientSampleId :

C-3_013020

Tot Ion:164 Resp: 228160

Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.7	121.1
160	45.9	35.3	52.9

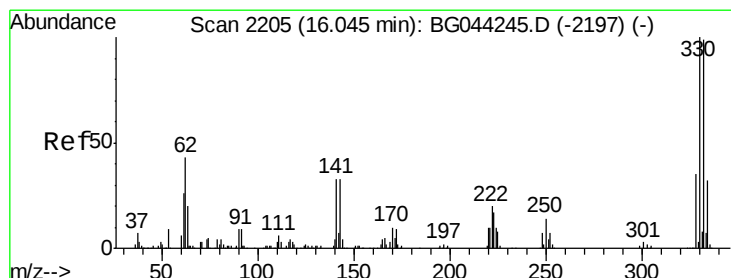
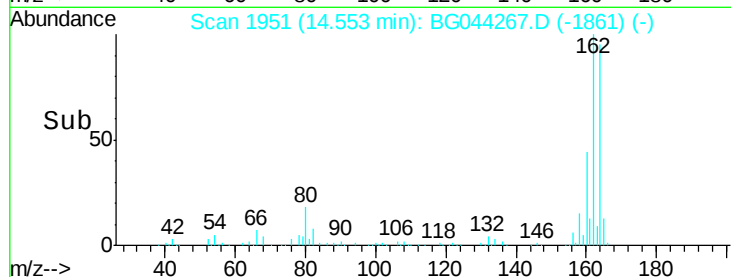
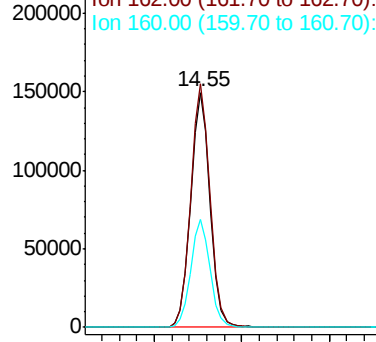


Abundance

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: 91.762 ng

RT: 16.04 min Scan# 2204

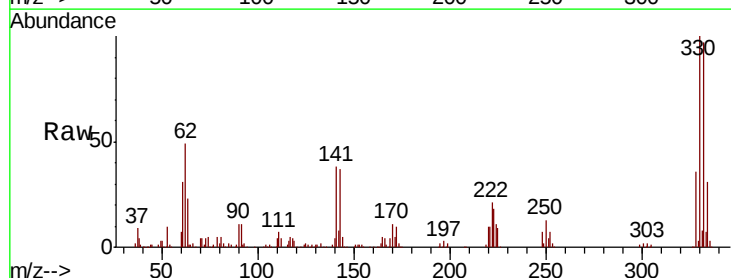
Delta R.T. -0.01 min

Lab File: BG044267.D

Acq: 31 Jan 2020 19:44

Tgt Ion:330 Resp: 245781

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.2	115.8
141	36.8	28.3	42.5

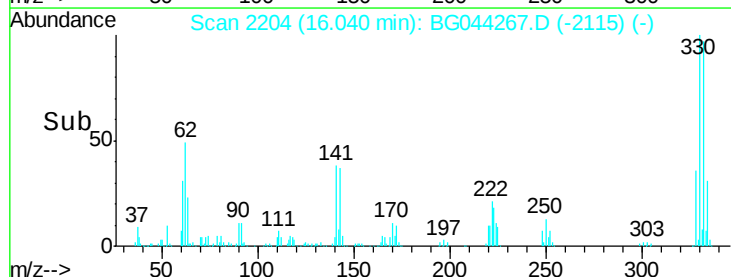
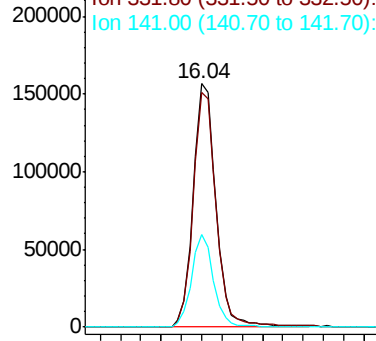


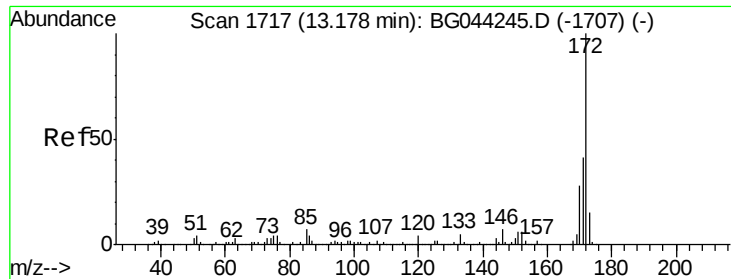
Abundance

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

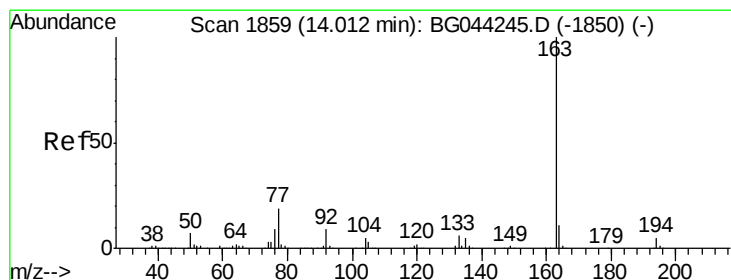
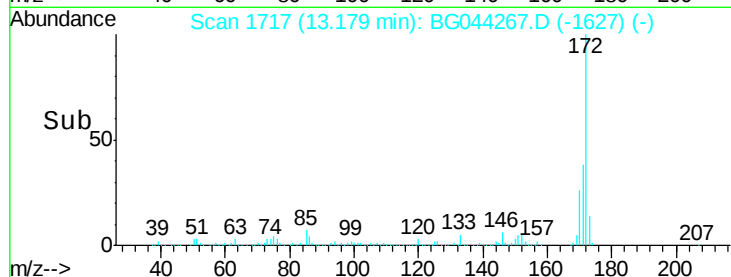
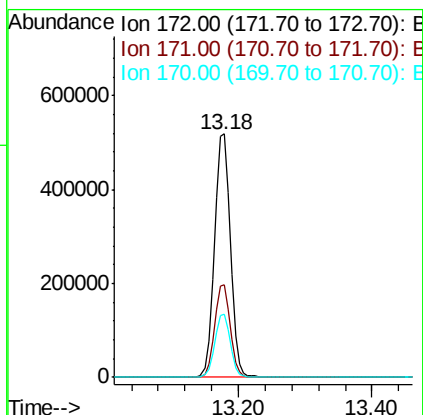
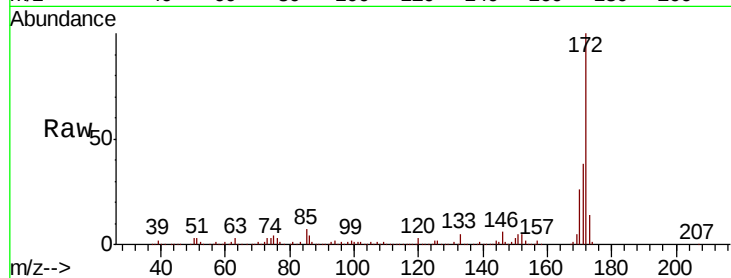




#45
 2-Fluorobiphenyl
 Concen: 64.469 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG044267.D
 Acq: 31 Jan 2020 19:44

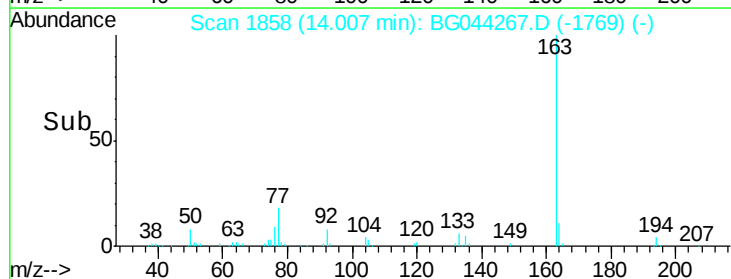
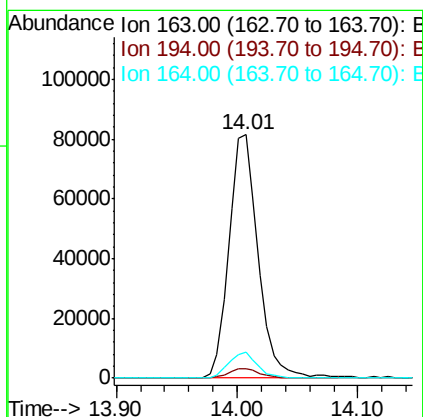
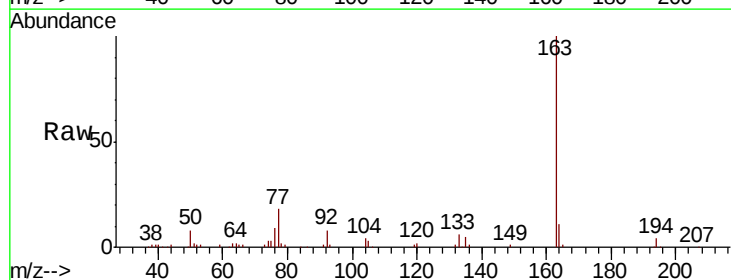
Instrument :
 BNA_G
 ClientSampleId :
 C-3_013020

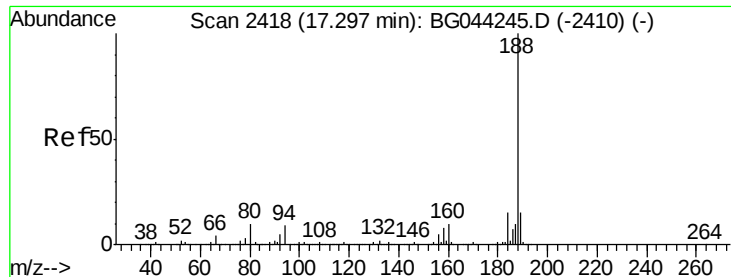
Tot Ion:172 Resp: 878392
 Ion Ratio Lower Upper
 172 100
 171 38.2 32.9 49.3
 170 26.0 22.0 33.0



#50
 Dimethylphthalate
 Concen: 8.363 ng
 RT: 14.01 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BG044267.D
 Acq: 31 Jan 2020 19:44

Tgt Ion:163 Resp: 137166
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.6 5.4
 164 10.8 8.7 13.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG044267.D

Acq: 31 Jan 2020 19:44

Instrument :

BNA_G

ClientSampleId :

C-3_013020

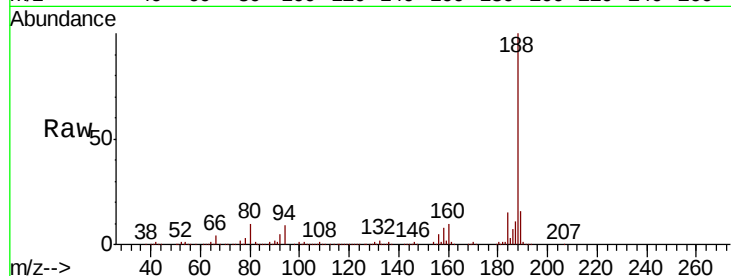
Tot Ion:188 Resp: 524982

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

80 9.7 7.7 11.5

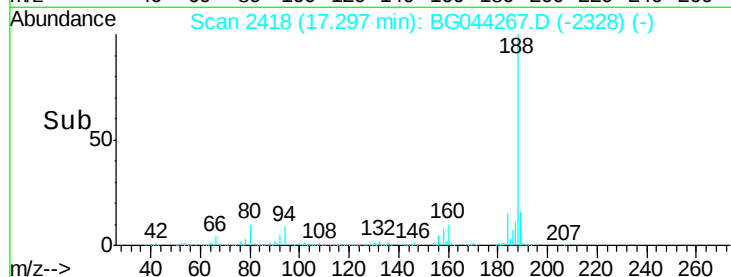


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time--> 17.20 17.30 17.40

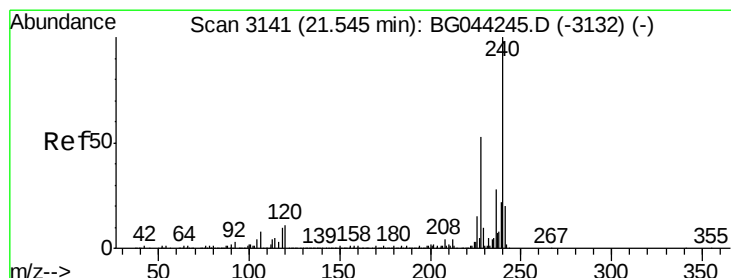


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time--> 17.20 17.30 17.40



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG044267.D

Acq: 31 Jan 2020 19:44

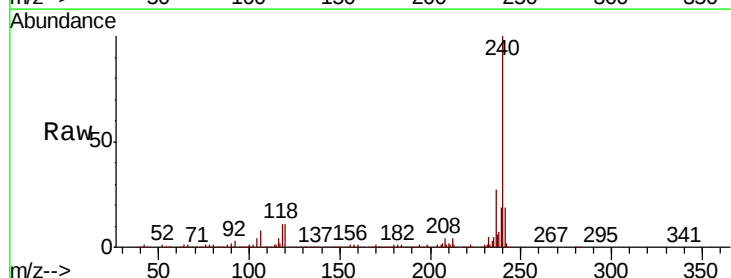
Tgt Ion:240 Resp: 469365

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

236 26.7 22.1 33.1

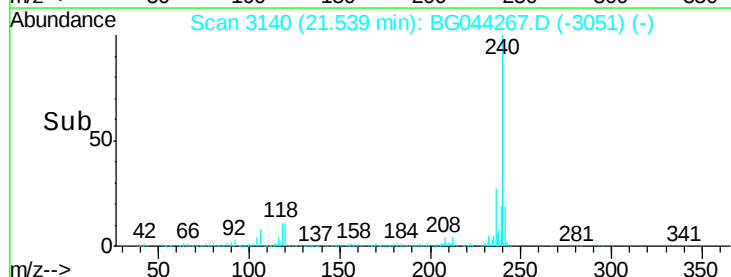


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time--> 21.40 21.50 21.60 21.70

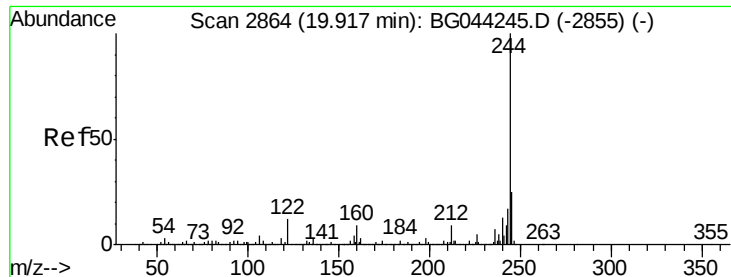


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time--> 21.40 21.50 21.60 21.70



#79

Terphenyl-d14

Concen: 64.417 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG044267.D

Acq: 31 Jan 2020 19:44

Instrument :

BNA_G

ClientSampled :

C-3_013020

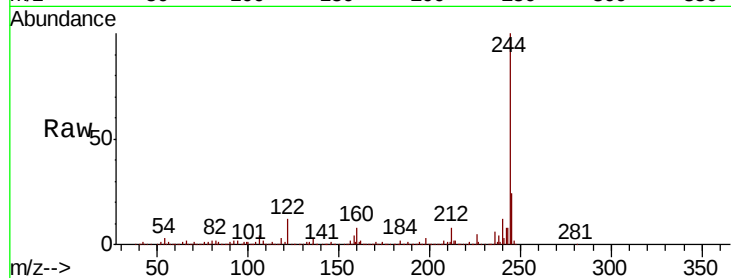
Tot Ion:244 Resp: 1469951

Ion Ratio Lower Upper

244 100

212 8.4 7.4 11.2

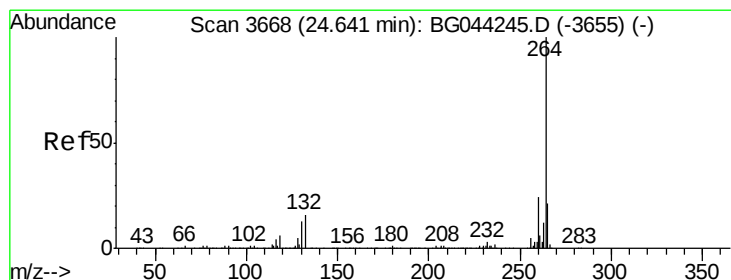
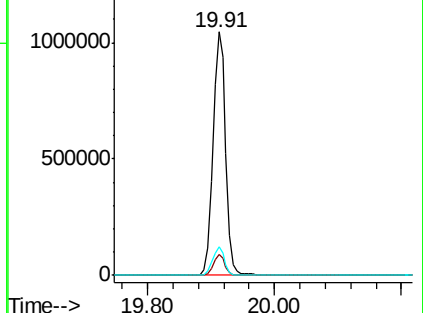
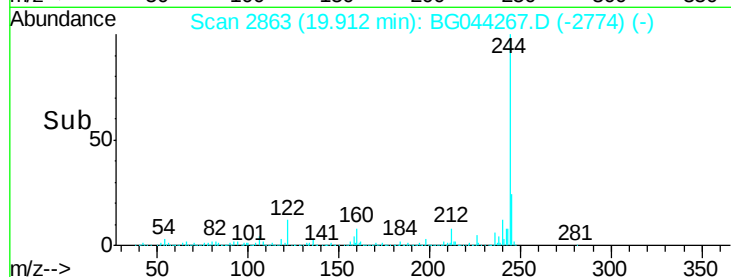
122 11.8 9.8 14.6



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: BG044267.D

Acq: 31 Jan 2020 19:44

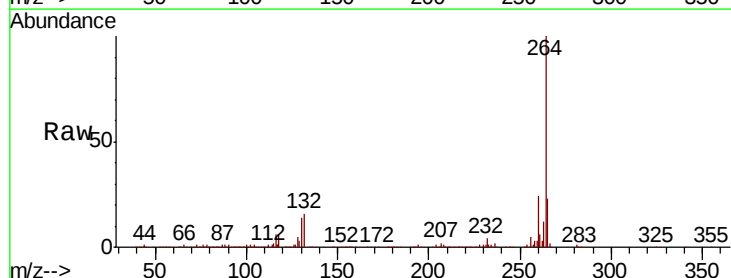
Tgt Ion:264 Resp: 500455

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 23.0 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

