

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021120\
 Data File : BG044398.D
 Acq On : 11 Feb 2020 21:11
 Operator : CG/JU
 Sample : L1372-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-021020

Quant Time: Feb 12 03:38:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

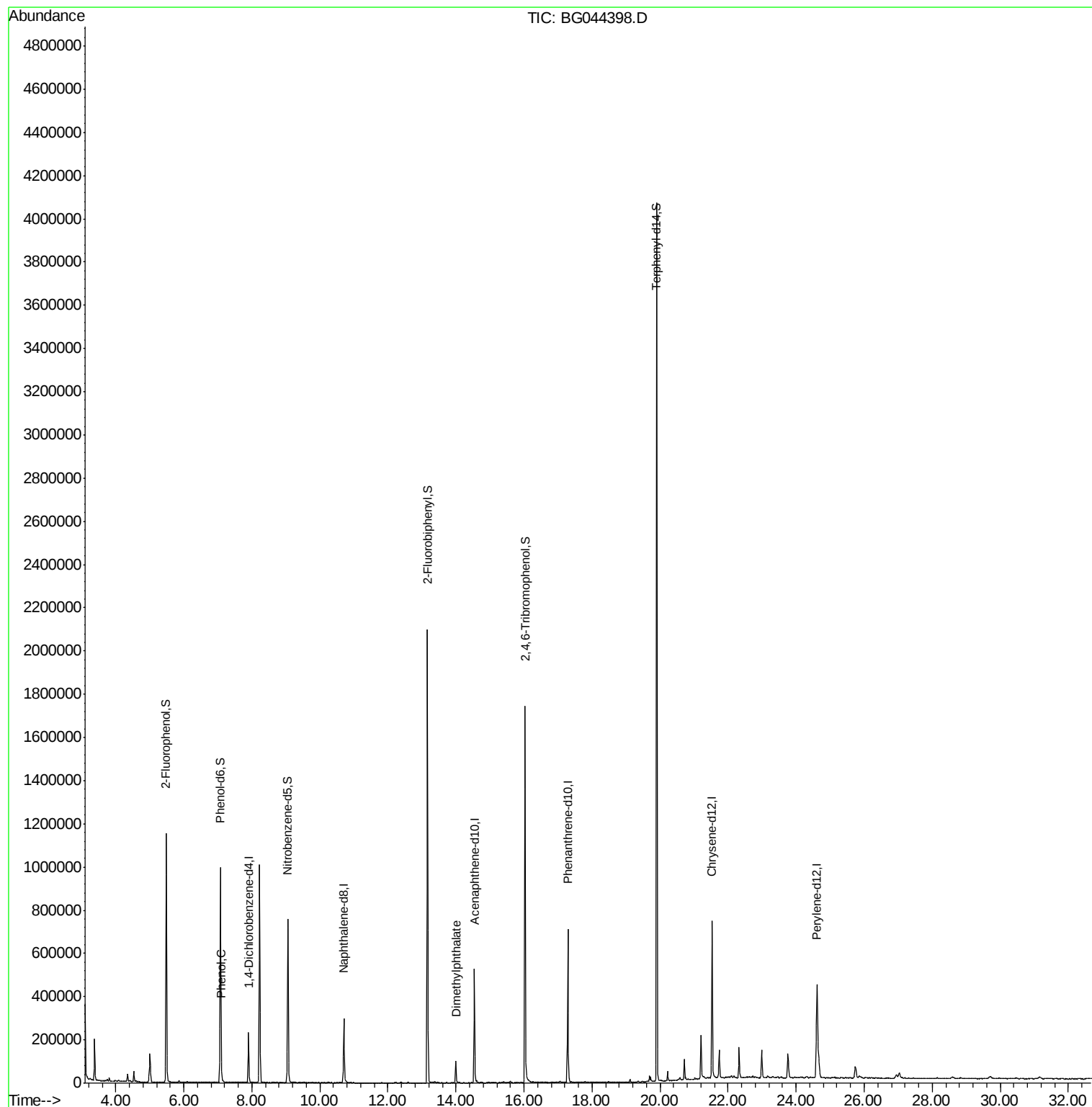
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	69039	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	285353	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	192162	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	456939	20.00	ng	0.00
76) Chrysene-d12	21.53	240	433094	20.00	ng	0.00
87) Perylene-d12	24.61	264	445873	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	548888	140.31	ng	0.00
7) Phenol-d6	7.07	99	649005	123.55	ng	0.00
23) Nitrobenzene-d5	9.06	82	497025	98.34	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	362824	160.84	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1156617	100.79	ng	0.00
79) Terphenyl-d14	19.90	244	1969087	93.52	ng	0.00
Target Compounds						
10) Phenol	7.10	94	16812	3.234	ng	82
50) Dimethylphthalate	14.00	163	81350	5.889	ng	99

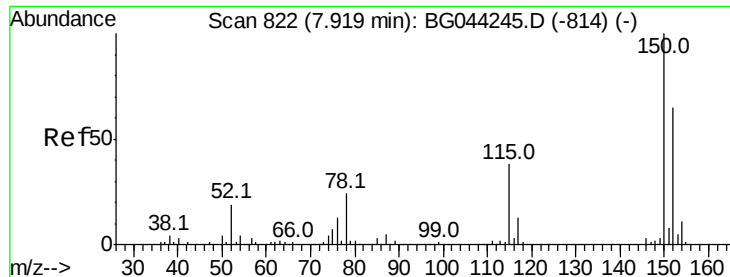
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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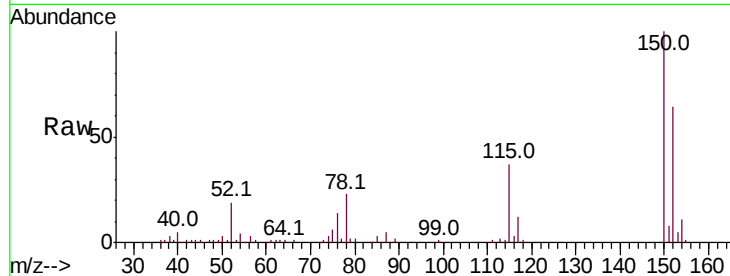


#1

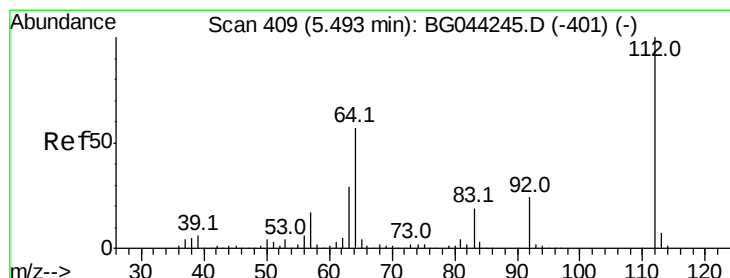
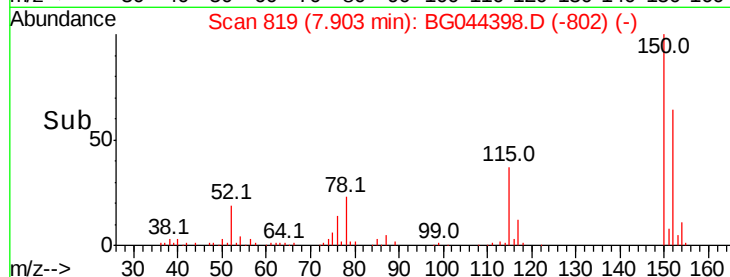
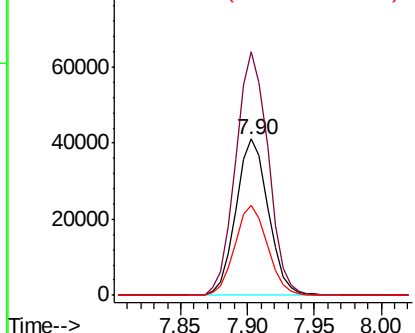
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG044398.D
Acq: 11 Feb 2020 21:11

Instrument :
BNA_G
ClientSampleId :
SU-01-021020

Tot Ion:152 Resp: 69039
Ion Ratio Lower Upper
152 100
150 156.0 122.6 183.8
115 57.9 46.0 69.0



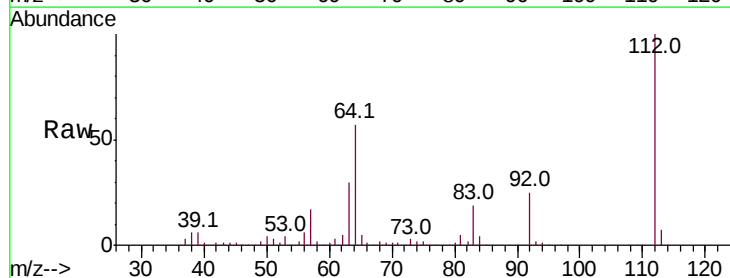
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



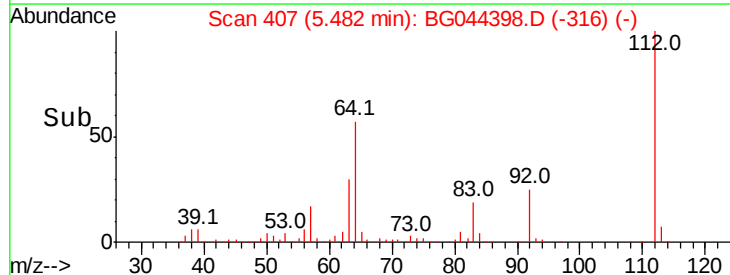
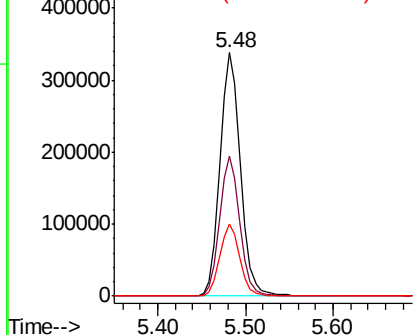
#5

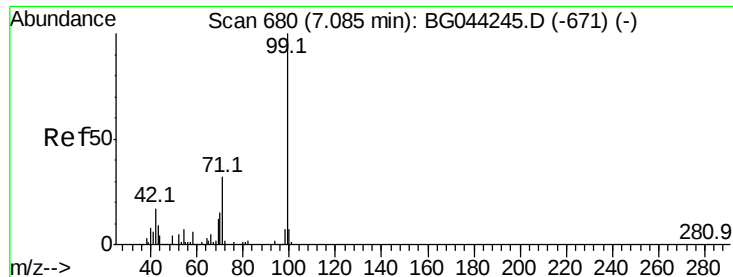
2-Fluorophenol
Concen: 140.312 ng
RT: 5.48 min Scan# 407
Delta R.T. 0.00 min
Lab File: BG044398.D
Acq: 11 Feb 2020 21:11

Tgt Ion:112 Resp: 548888
Ion Ratio Lower Upper
112 100
64 57.4 45.4 68.2
63 29.6 22.9 34.3



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: 123.547 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044398.D

Acq: 11 Feb 2020 21:11

Instrument :

BNA_G

ClientSampleId :

SU-01-021020

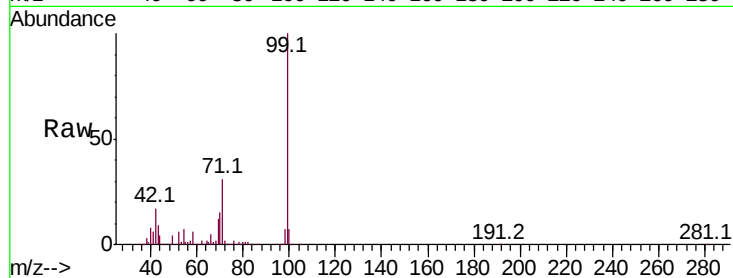
Tot Ion: 99 Resp: 649005

Ion Ratio Lower Upper

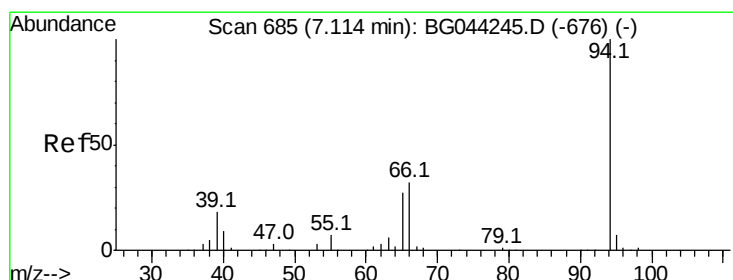
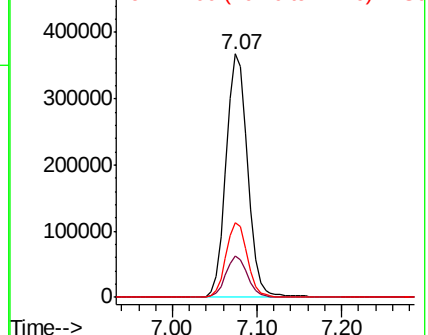
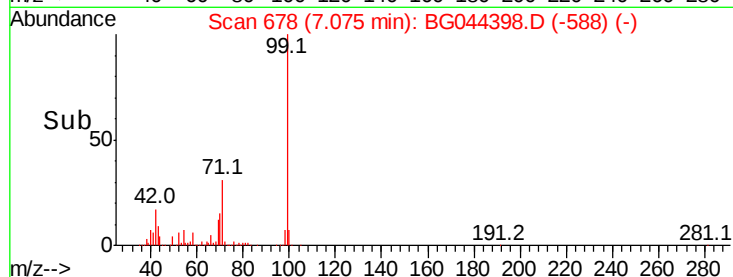
99 100

42 17.0 13.8 20.6

71 30.7 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: 3.234 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG044398.D

Acq: 11 Feb 2020 21:11

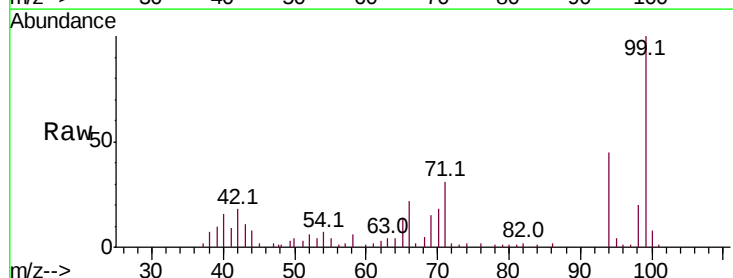
Tgt Ion: 94 Resp: 16812

Ion Ratio Lower Upper

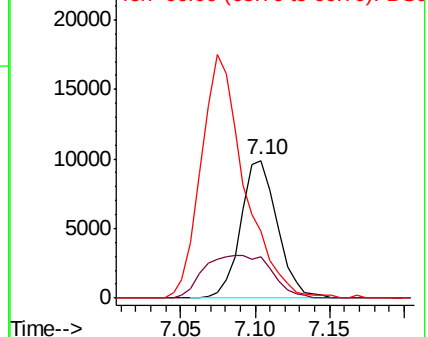
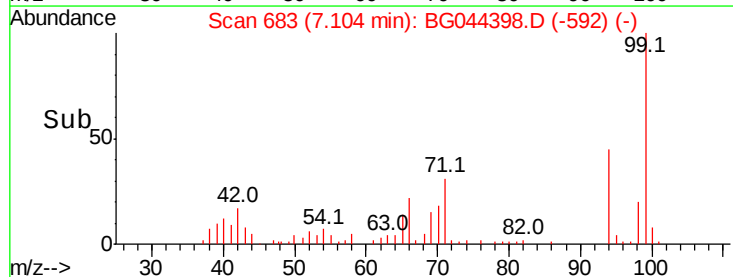
94 100

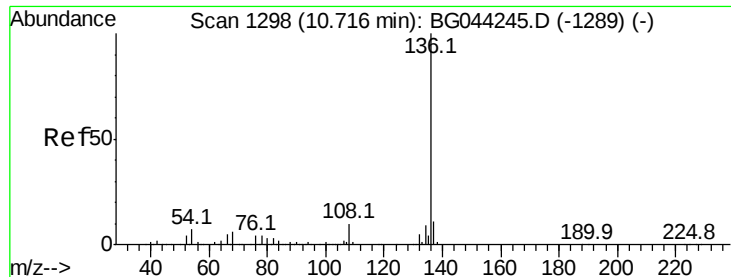
65 30.2 7.0 47.0

66 48.4 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

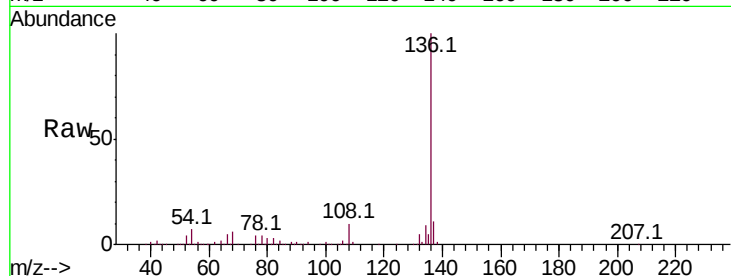




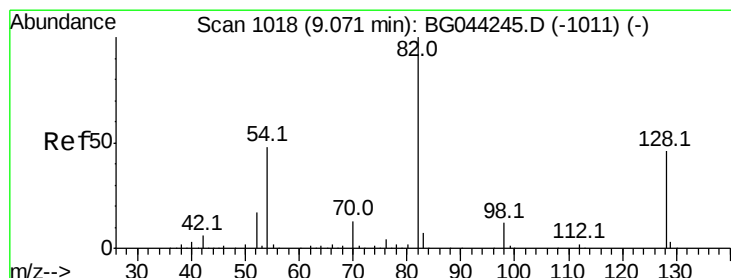
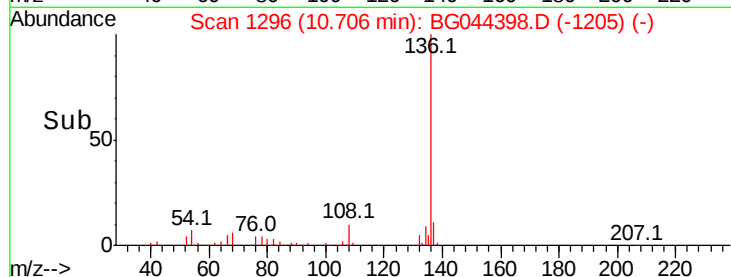
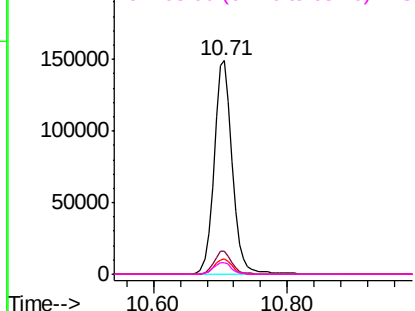
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044398.D
Acq: 11 Feb 2020 21:11

Instrument :
BNA_G
ClientSampleId :
SU-01-021020

Tot Ion:136	Resp:	285353
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.8	13.2
54 7.1	5.8	8.8
68 5.6	4.6	6.8

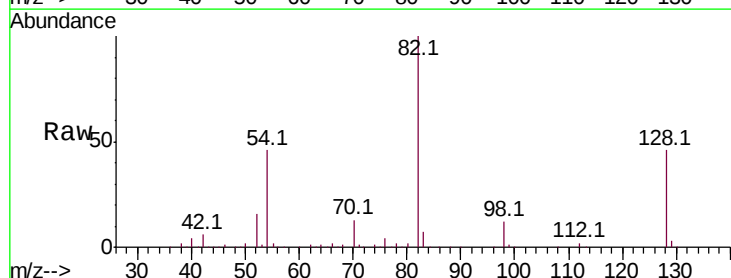


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

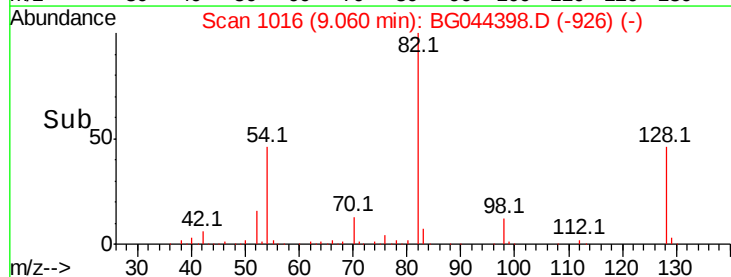
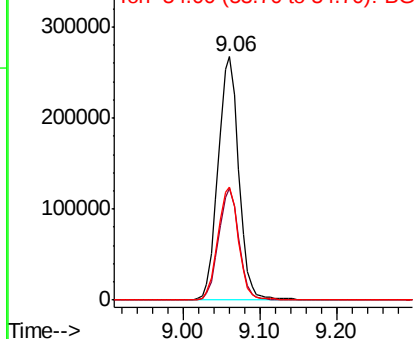


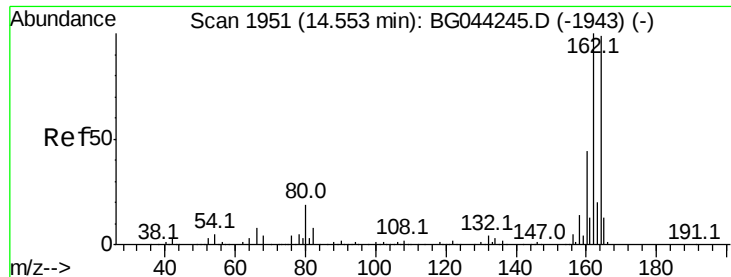
#23
Nitrobenzene-d5
Concen: 98.335 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG044398.D
Acq: 11 Feb 2020 21:11

Tgt	Ion: 82	Resp:	497025
Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.5	54.7
54	46.4	38.6	58.0



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG

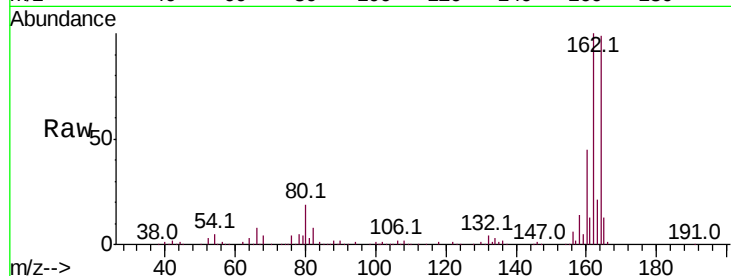




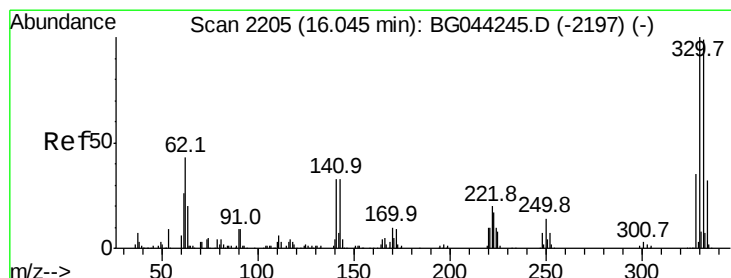
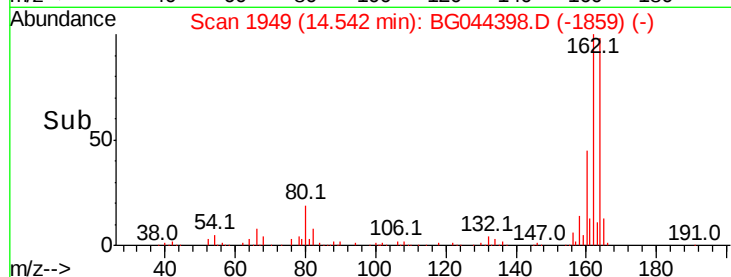
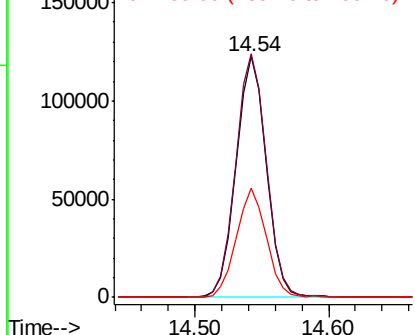
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG044398.D
Acq: 11 Feb 2020 21:11

Instrument :
BNA_G
ClientSampleId :
SU-01-021020

Tot Ion:164 Resp: 192162
Ion Ratio Lower Upper
164 100
162 101.1 80.7 121.1
160 45.3 35.3 52.9

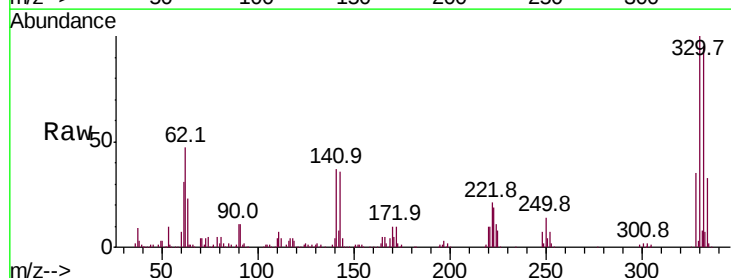


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

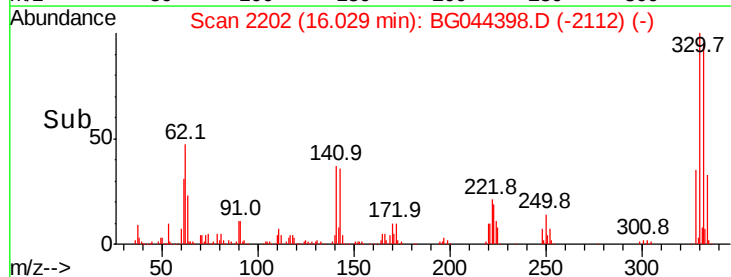
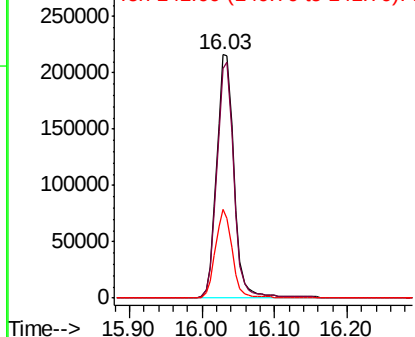


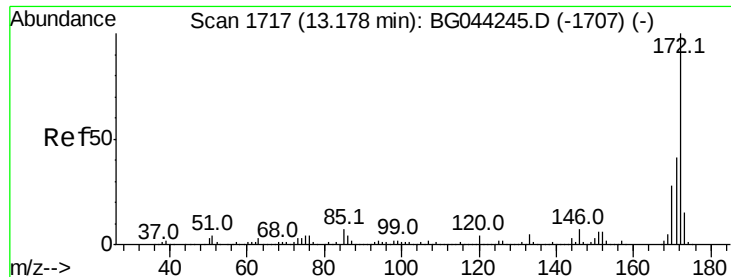
#42
2,4,6-Tribromophenol
Concen: 160.835 ng
RT: 16.03 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG044398.D
Acq: 11 Feb 2020 21:11

Tgt Ion:330 Resp: 362824
Ion Ratio Lower Upper
330 100
332 95.7 77.2 115.8
141 35.5 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



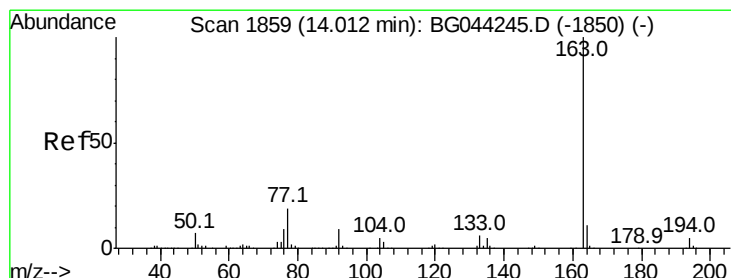
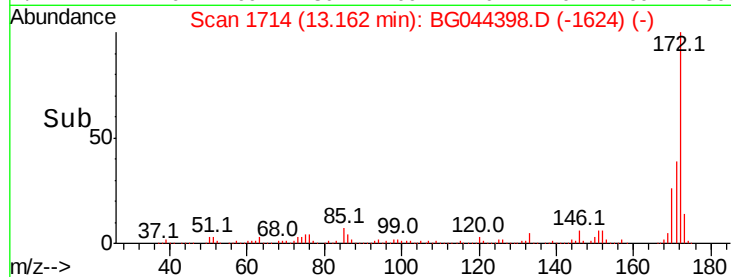
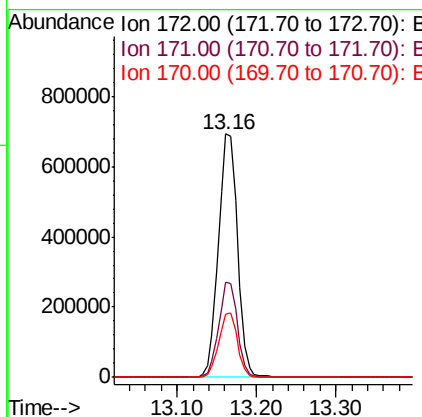
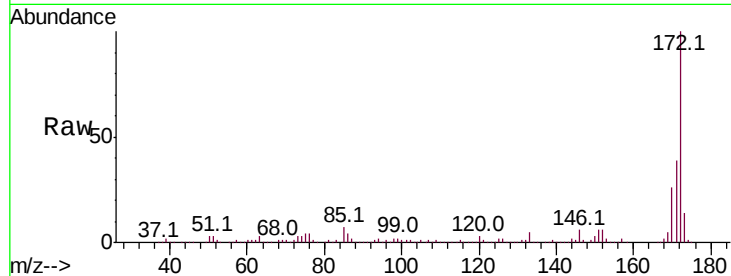


#45
 2-Fluorobiphenyl
 Concen: 100.791 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.00 min
 Lab File: BG044398.D
 Acq: 11 Feb 2020 21:11

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-021020

Tot Ion:172 Resp: 1156617

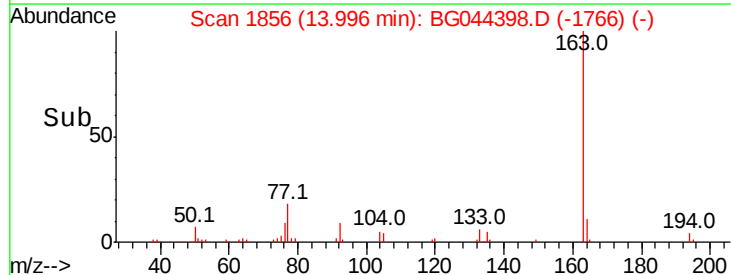
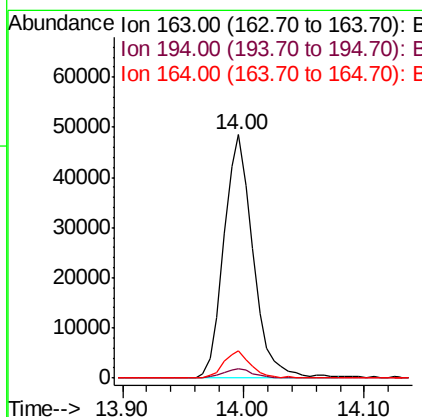
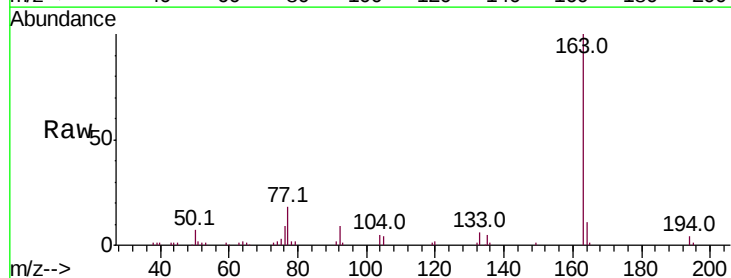
Ion	Ratio	Lower	Upper
172	100		
171	38.9	32.9	49.3
170	26.0	22.0	33.0

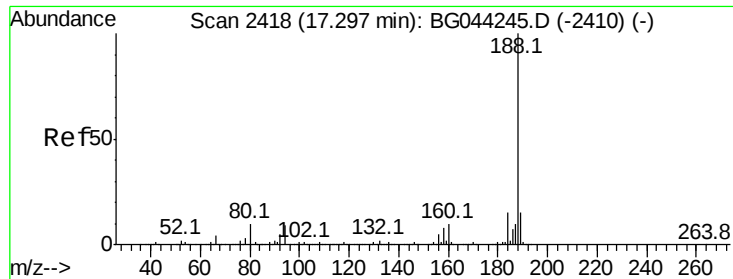


#50
 Dimethylphthalate
 Concen: 5.889 ng
 RT: 14.00 min Scan# 1856
 Delta R.T. -0.00 min
 Lab File: BG044398.D
 Acq: 11 Feb 2020 21:11

Tgt Ion:163 Resp: 81350

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	11.0	8.7	13.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.29 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG044398.D

Acq: 11 Feb 2020 21:11

Instrument :

BNA_G

ClientSampleId :

SU-01-021020

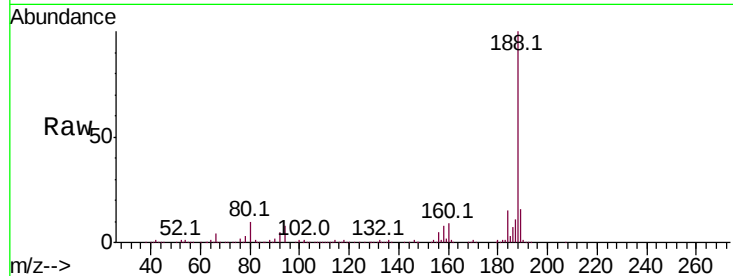
Tot Ion:188 Resp: 456939

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

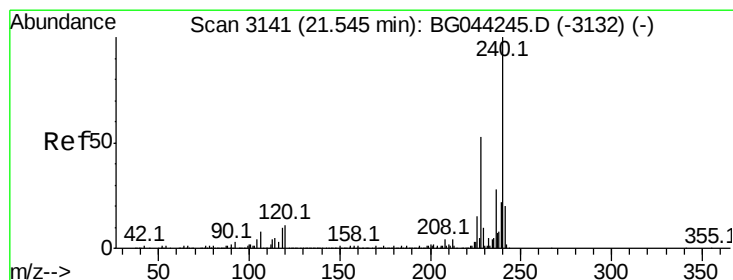
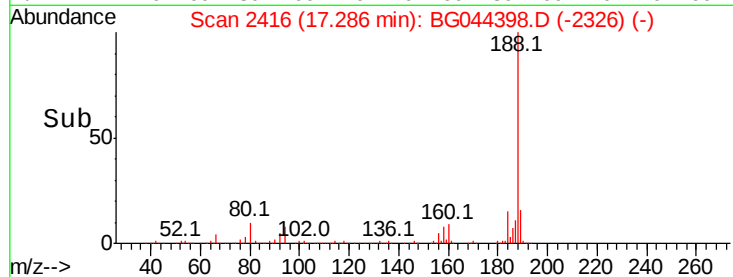
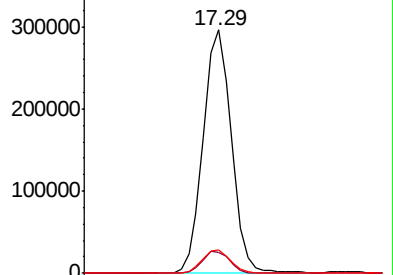
80 9.6 7.7 11.5



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: 21.53 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG044398.D

Acq: 11 Feb 2020 21:11

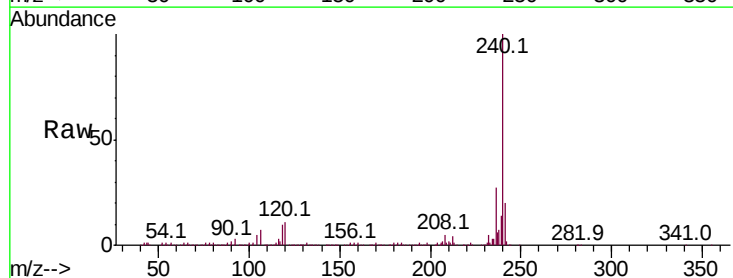
Tgt Ion:240 Resp: 433094

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

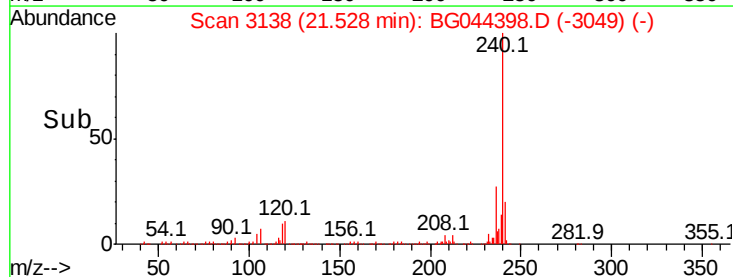
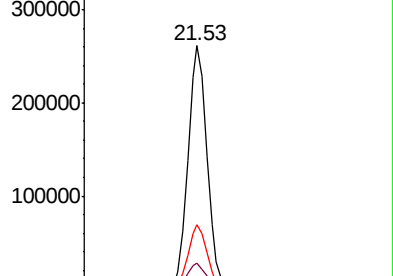
236 26.6 22.1 33.1

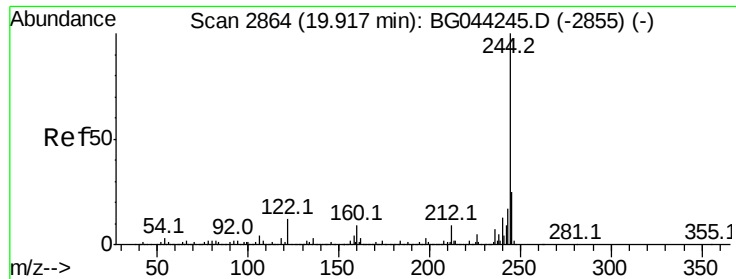


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

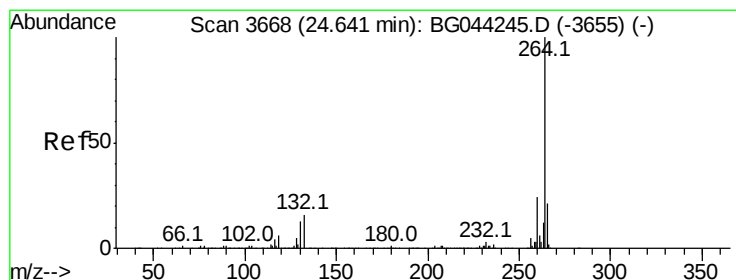
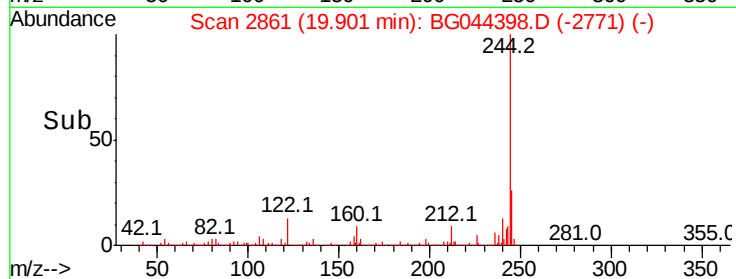
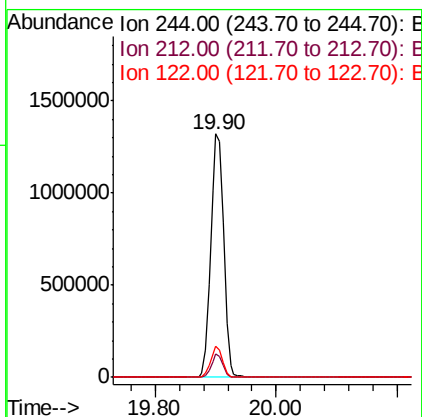
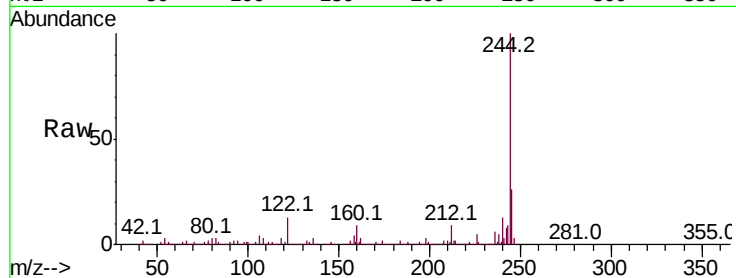




#79
 Terphenyl-d14
 Concen: 93.517 ng
 RT: 19.90 min Scan# 2861
 Delta R.T. -0.00 min
 Lab File: BG044398.D
 Acq: 11 Feb 2020 21:11

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-021020

Tot Ion:244 Resp: 1969087
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.4 11.2
 122 12.6 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.61 min Scan# 3663
 Delta R.T. -0.01 min
 Lab File: BG044398.D
 Acq: 11 Feb 2020 21:11

Tgt Ion:264 Resp: 445873
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 21.6 16.7 25.1

