

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044536.D
 Acq On : 21 Feb 2020 1:08
 Operator : CG/JU
 Sample : L1587-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0171-COMP-SL-B

Quant Time: Feb 21 07:42:19 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

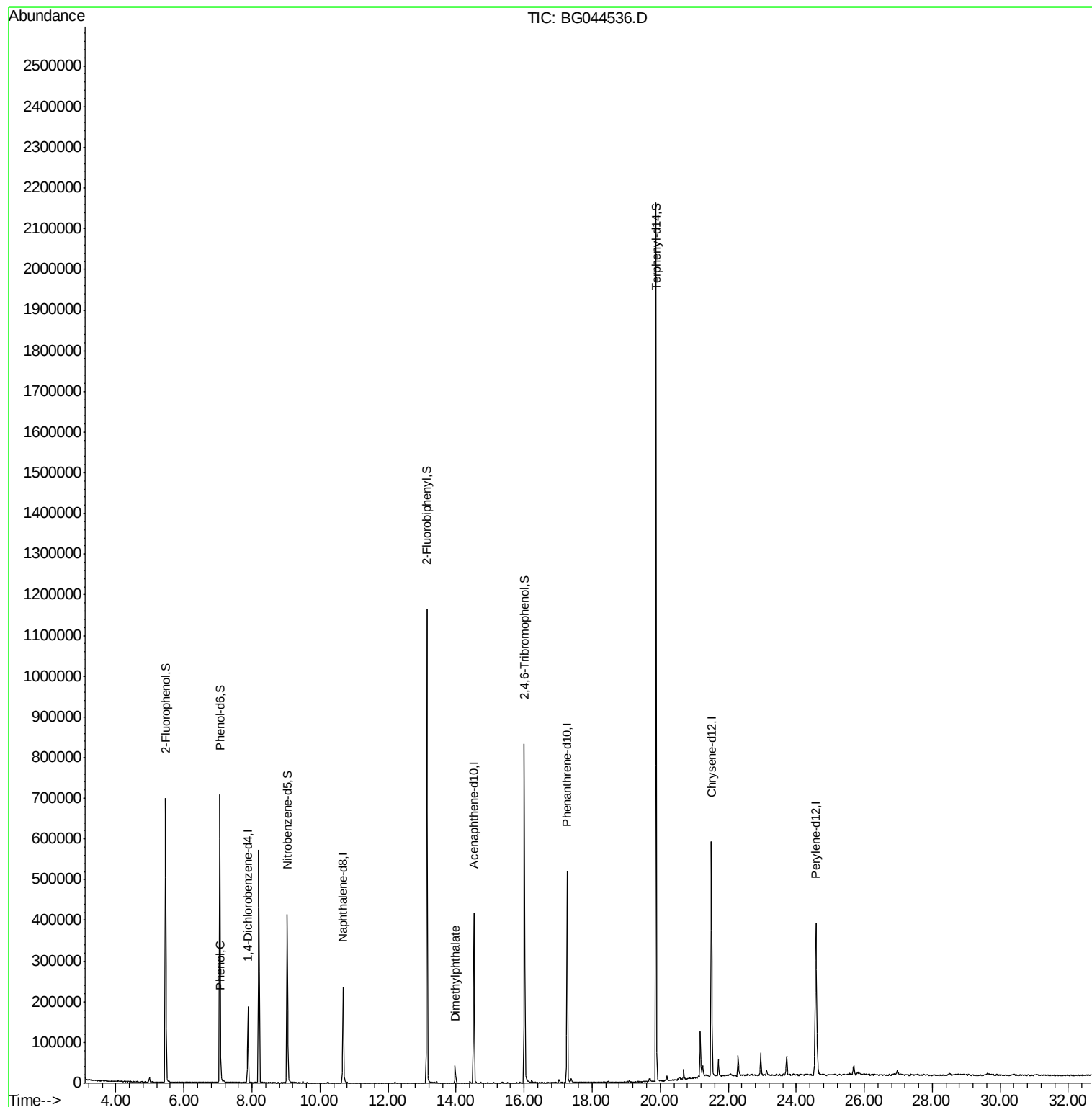
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	57593	20.00	ng	-0.02
21) Naphthalene-d8	10.68	136	236381	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	152948	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	337829	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	336494	20.00	ng	-0.03
87) Perylene-d12	24.57	264	388250	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	358311	109.80	ng	-0.02
7) Phenol-d6	7.05	99	470215	107.30	ng	-0.02
23) Nitrobenzene-d5	9.03	82	279498	66.75	ng	-0.03
42) 2,4,6-Tribromophenol	16.01	330	181289	100.97	ng	-0.02
45) 2-Fluorobiphenyl	13.14	172	652711	71.46	ng	-0.02
79) Terphenyl-d14	19.88	244	1084390	66.28	ng	-0.02
Target Compounds						
10) Phenol	7.08	94	9045	2.086	ng	87
50) Dimethylphthalate	13.98	163	38372	3.490	ng	99

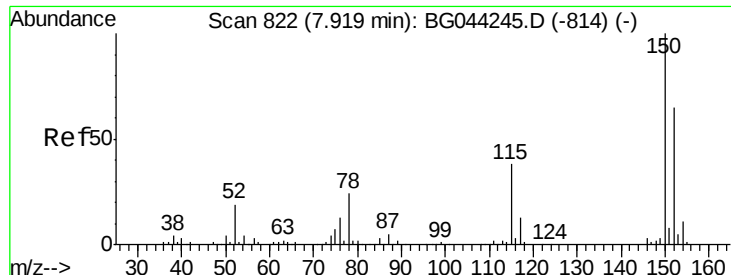
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.88 min Scan# 816

Delta R.T. -0.02 min

Lab File: BG044536.D

Acq: 21 Feb 2020 1:08

Instrument :

BNA_G

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0171-COMP-SL-B

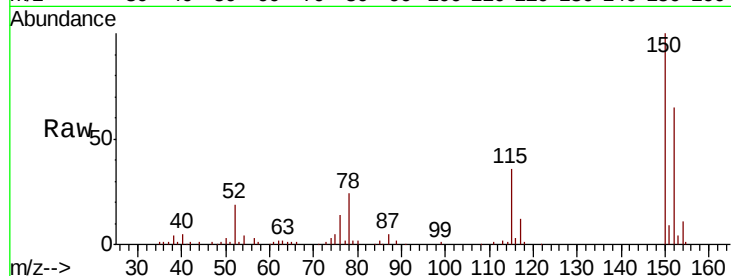
Tot Ion:152 Resp: 57593

Ion Ratio Lower Upper

152 100

150 153.8 122.6 183.8

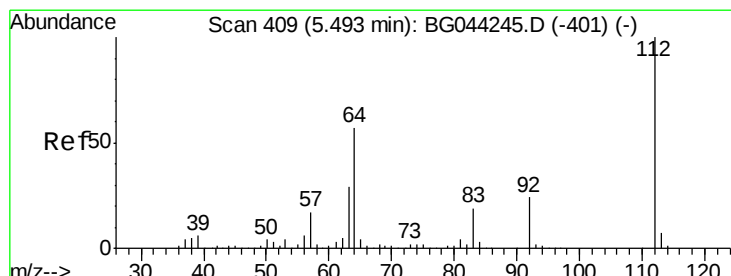
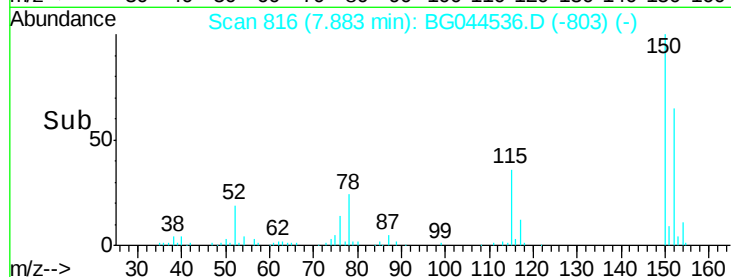
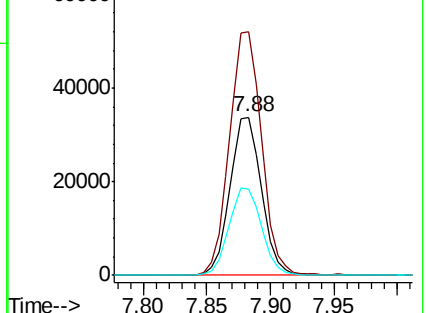
115 54.8 46.0 69.0



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: 109.798 ng

RT: 5.46 min Scan# 403

Delta R.T. -0.02 min

Lab File: BG044536.D

Acq: 21 Feb 2020 1:08

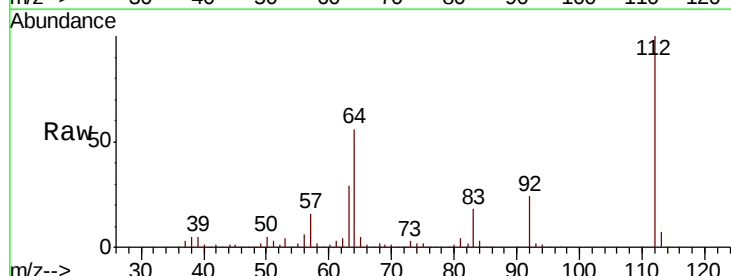
Tgt Ion:112 Resp: 358311

Ion Ratio Lower Upper

112 100

64 56.3 45.4 68.2

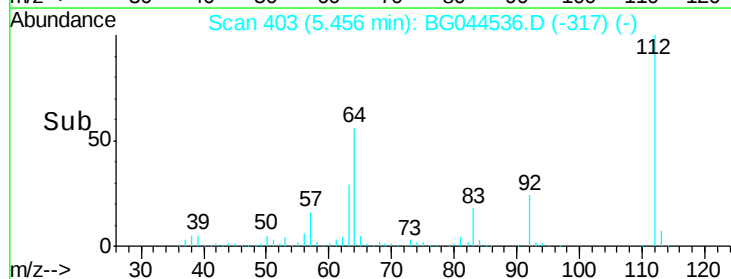
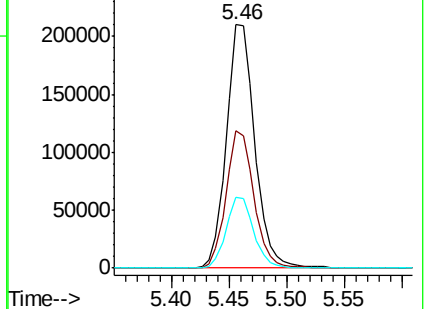
63 28.9 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 107.301 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.02 min

Lab File: BG044536.D

Acq: 21 Feb 2020 1:08

Instrument :

BNA_G

ClientSampleId :

0171-COMP-SL-B

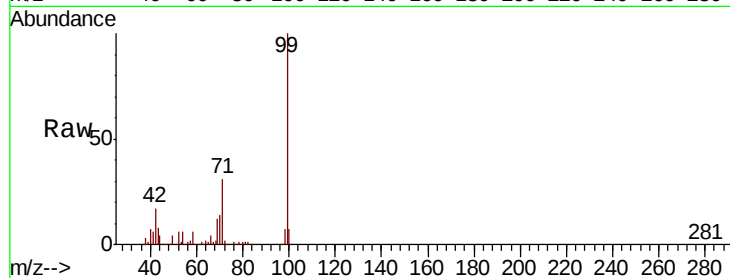
Tot Ion: 99 Resp: 470215

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.6

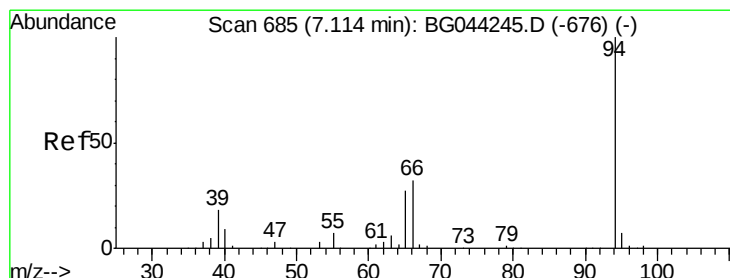
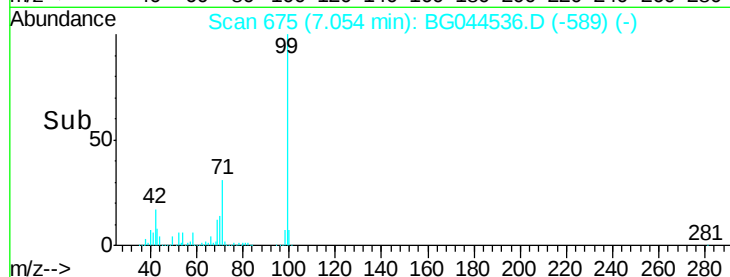
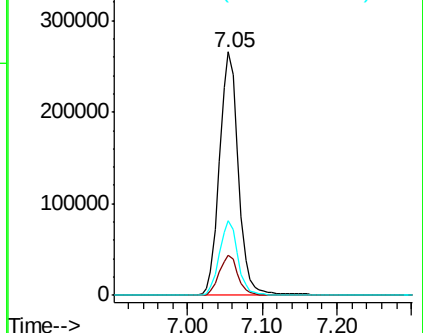
71 30.7 25.5 38.3



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: 2.086 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG044536.D

Acq: 21 Feb 2020 1:08

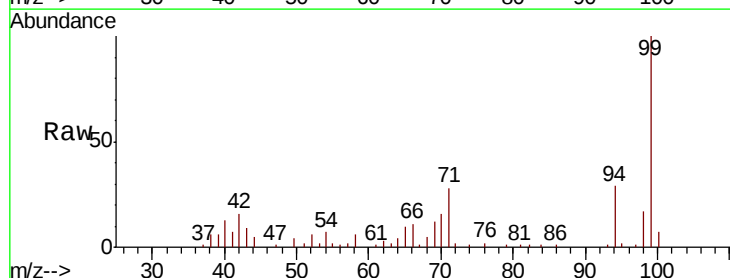
Tgt Ion: 94 Resp: 9045

Ion Ratio Lower Upper

94 100

65 34.5 7.0 47.0

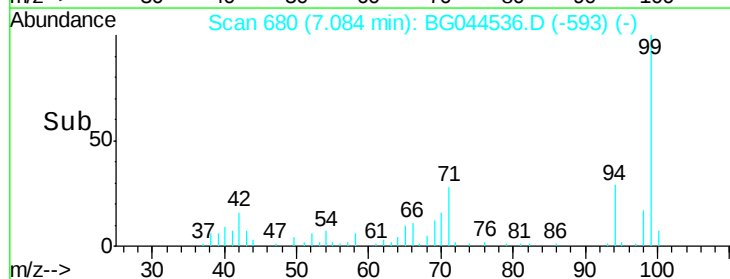
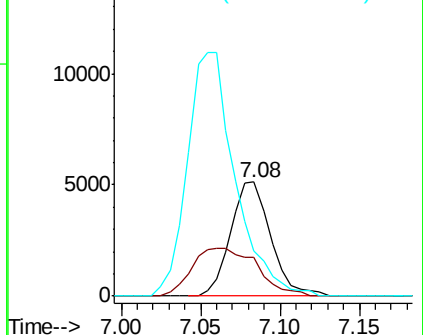
66 39.2 12.7 52.7

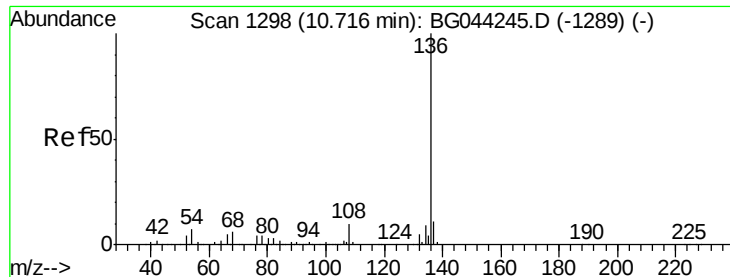


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

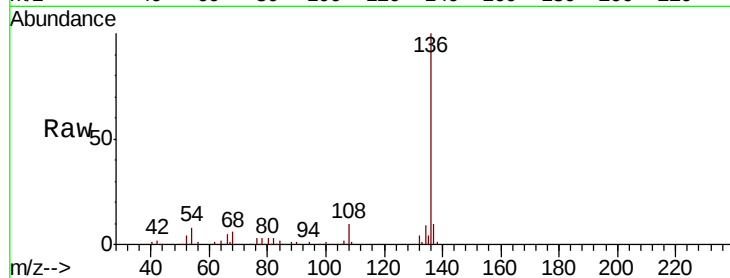




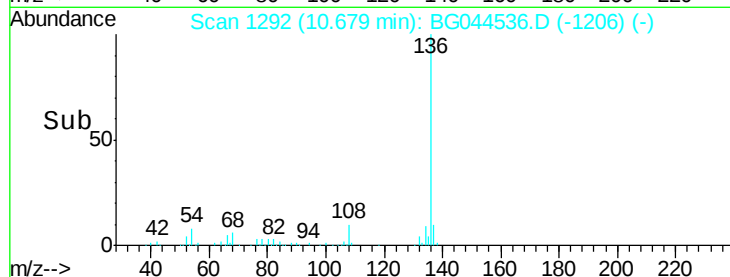
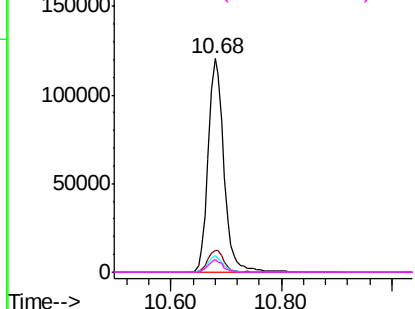
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BG044536.D
Acq: 21 Feb 2020 1:08

Instrument :
BNA_G
ClientSampleId :
0171-COMP-SL-B

Tot Ion:136	Resp:	236381
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.8	13.2
54 7.6	5.8	8.8
68 5.9	4.6	6.8

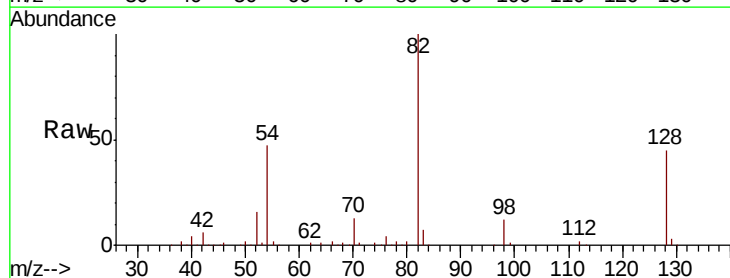


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

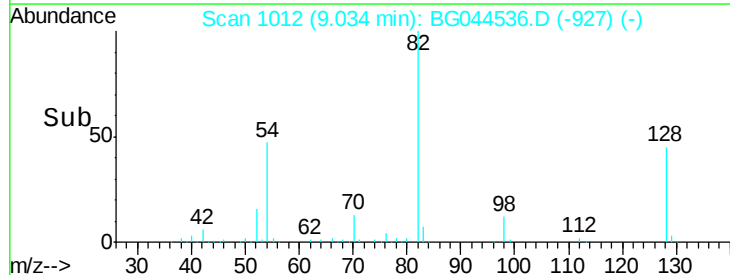
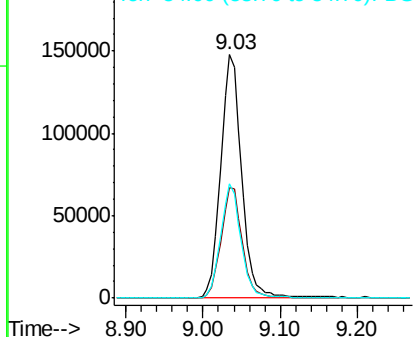


#23
Nitrobenzene-d5
Concen: 66.754 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BG044536.D
Acq: 21 Feb 2020 1:08

Tgt Ion: 82	Resp: 279498
Ion Ratio	Lower Upper
82 100	
128 45.2	36.5 54.7
54 46.8	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: 14.52 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG044536.D

Acq: 21 Feb 2020 1:08

Instrument :

BNA_G

ClientSampleId :

0171-COMP-SL-B

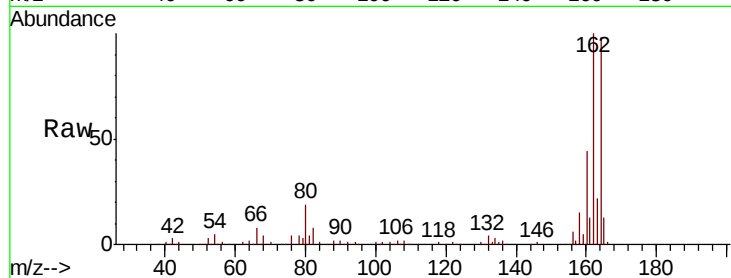
Tot Ion:164 Resp: 152948

Ion Ratio Lower Upper

164 100

162 102.5 80.7 121.1

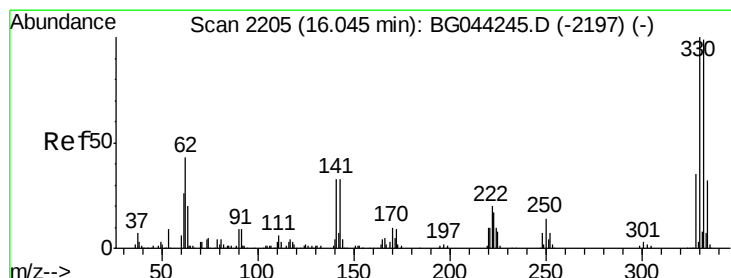
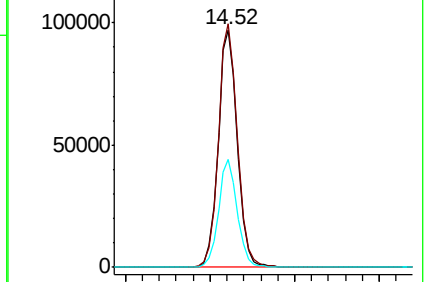
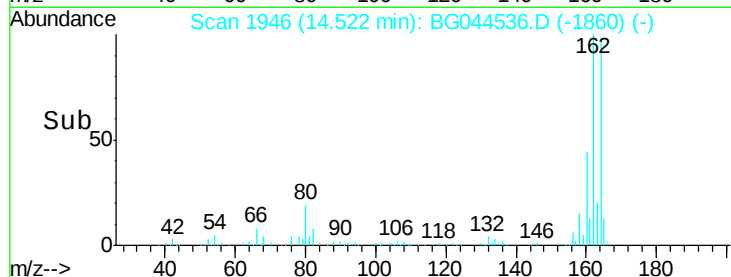
160 45.4 35.3 52.9



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: 100.967 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG044536.D

Acq: 21 Feb 2020 1:08

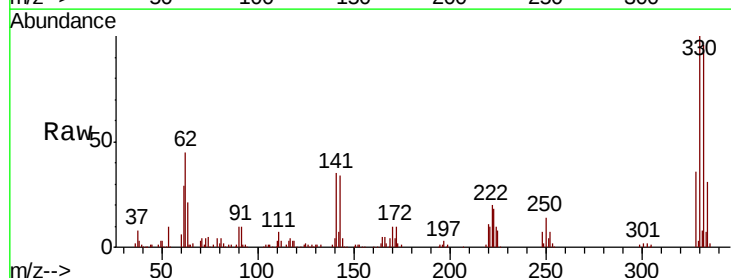
Tgt Ion:330 Resp: 181289

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

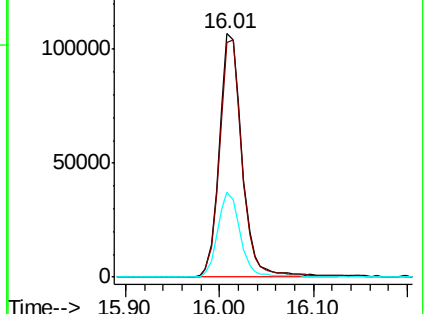
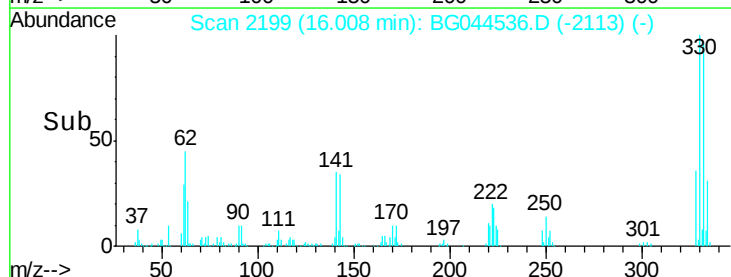
141 35.2 28.3 42.5



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

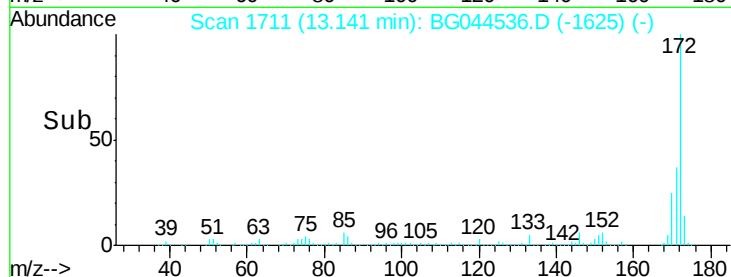
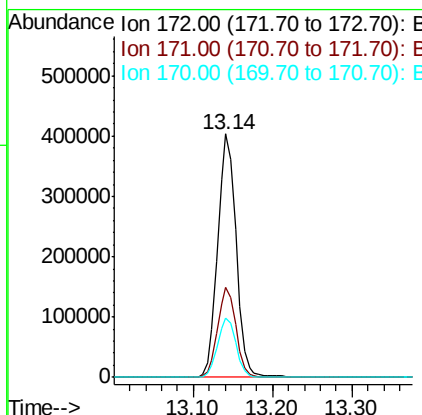
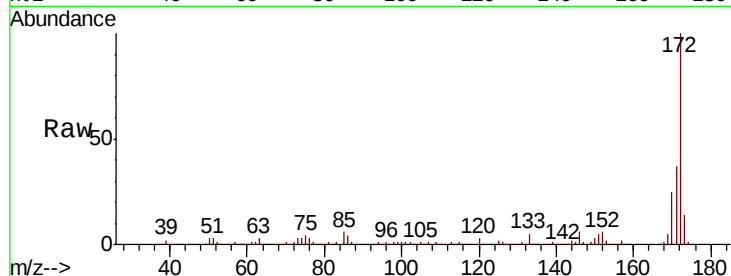




#45
2-Fluorobiphenyl
Concen: 71.462 ng
RT: 13.14 min Scan# 1711
Delta R.T. -0.02 min
Lab File: BG044536.D
Acq: 21 Feb 2020 1:08

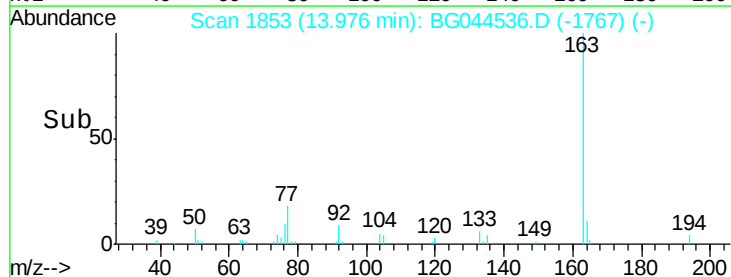
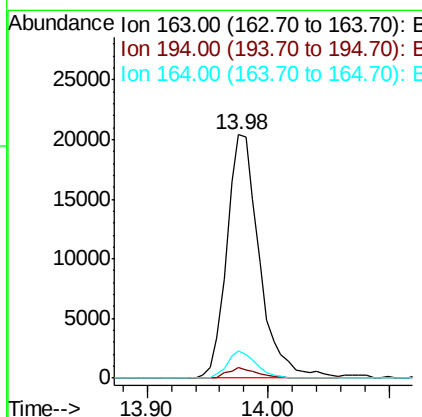
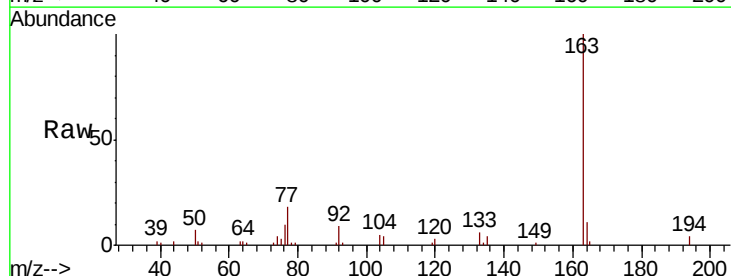
Instrument :
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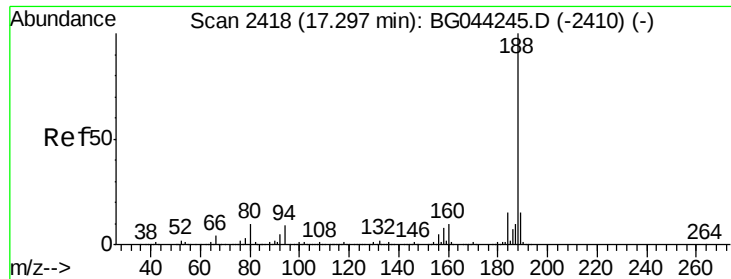
Tot Ion:172 Resp: 652711
Ion Ratio Lower Upper
172 100
171 36.8 32.9 49.3
170 24.5 22.0 33.0



#50
Dimethylphthalate
Concen: 3.490 ng
RT: 13.98 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BG044536.D
Acq: 21 Feb 2020 1:08

Tgt Ion:163 Resp: 38372
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 11.3 8.7 13.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.27 min Scan# 2413

Delta R.T. -0.02 min

Lab File: BG044536.D

Acq: 21 Feb 2020 1:08

Instrument :

BNA_G

ClientSampleId :

0171-COMP-SL-B

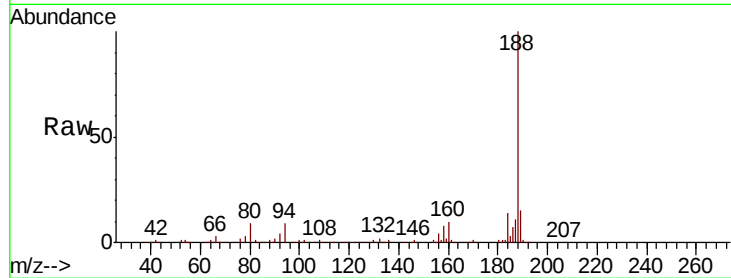
Tot Ion:188 Resp: 337829

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

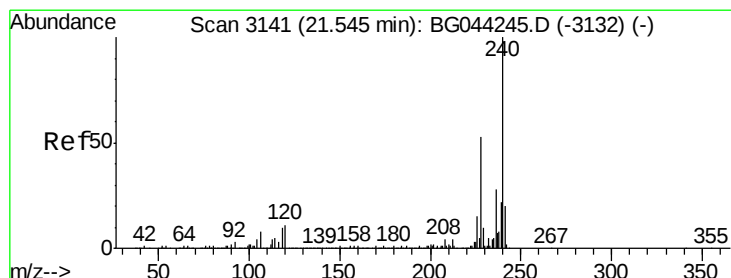
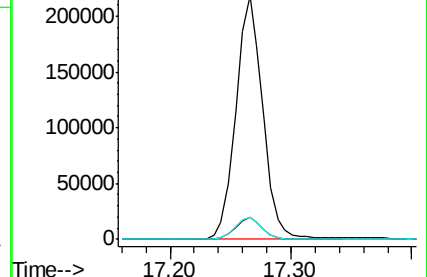
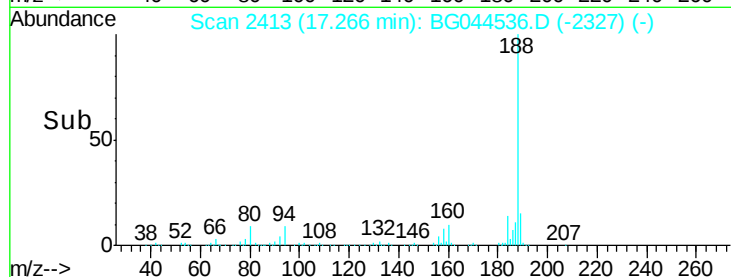
80 9.1 7.7 11.5



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: 21.51 min Scan# 3135

Delta R.T. -0.03 min

Lab File: BG044536.D

Acq: 21 Feb 2020 1:08

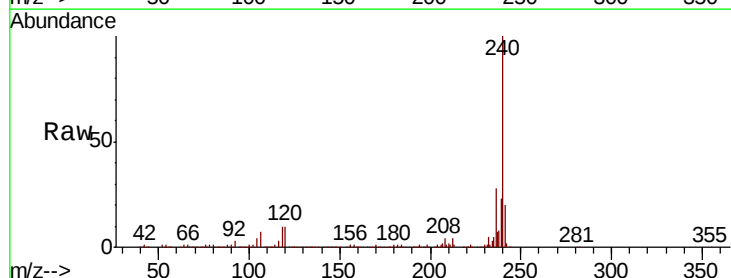
Tgt Ion:240 Resp: 336494

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

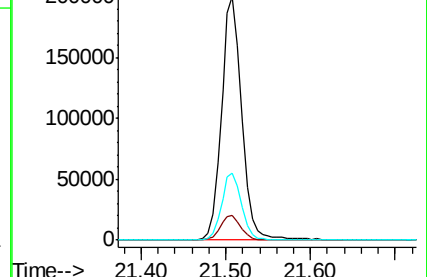
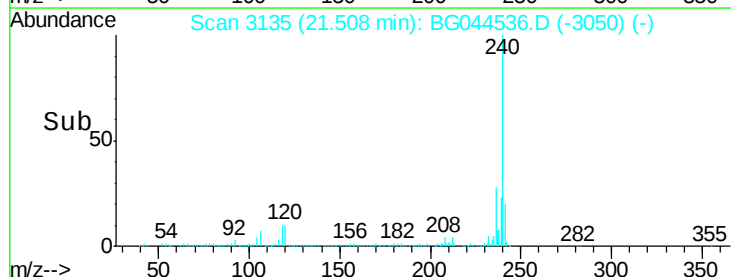
236 27.6 22.1 33.1

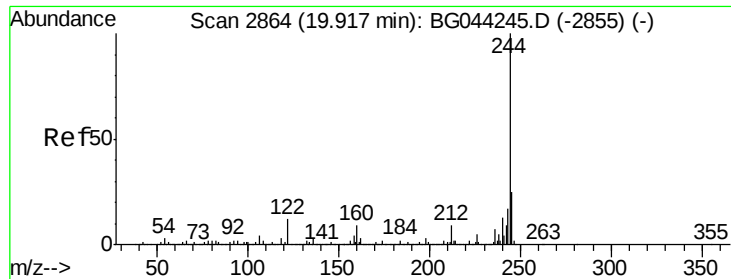


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 66.285 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG044536.D

Acq: 21 Feb 2020 1:08

Instrument :

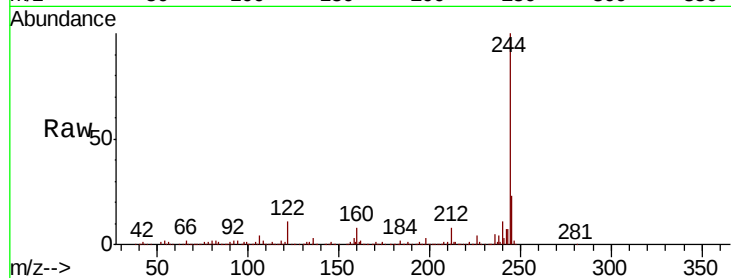
BNA_G

ClientSampleId :

0171-COMP-SL-B

Tot Ion:244 Resp: 1084390

Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.4	11.2
122	10.8	9.8	14.6

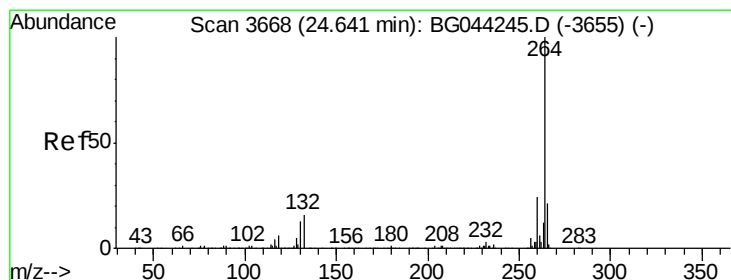
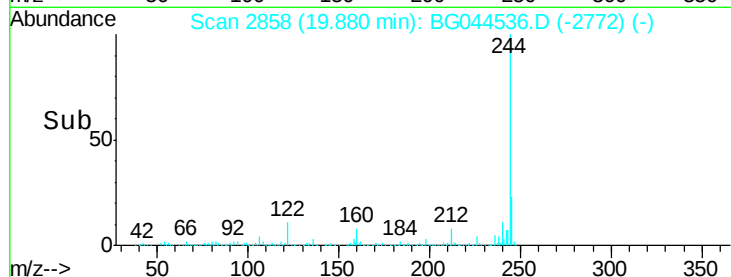
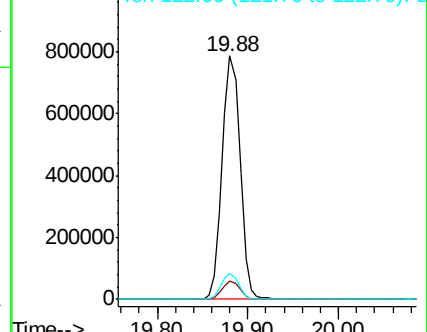


Abundance

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: 24.57 min Scan# 3657

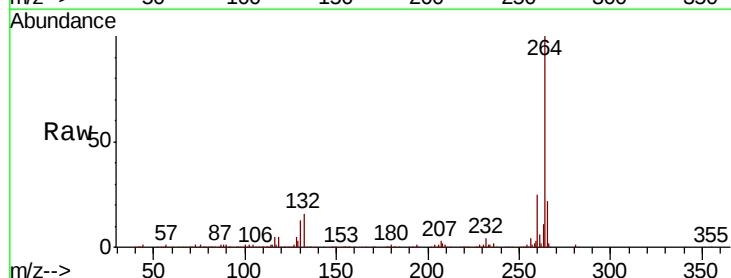
Delta R.T. -0.05 min

Lab File: BG044536.D

Acq: 21 Feb 2020 1:08

Tgt Ion:264 Resp: 388250

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	22.3	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

