

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
 Data File : BG045116.D
 Acq On : 21 Apr 2020 17:58
 Operator : CG/JU
 Sample : L2323-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-19-COMP

Quant Time: Apr 21 18:33:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 14:13:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	56544	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	230505	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	183127	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	462805	20.00	ng	0.00
76) Chrysene-d12	21.66	240	446844	20.00	ng	-0.01
87) Perylene-d12	24.85	264	479358	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	511939	149.47	ng	0.00
7) Phenol-d6	7.18	99	677580	133.16	ng	0.00
23) Nitrobenzene-d5	9.17	82	560236	110.90	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	489500	173.02	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	1331750	106.63	ng	0.00
79) Terphenyl-d14	20.01	244	2340701	114.17	ng	0.00

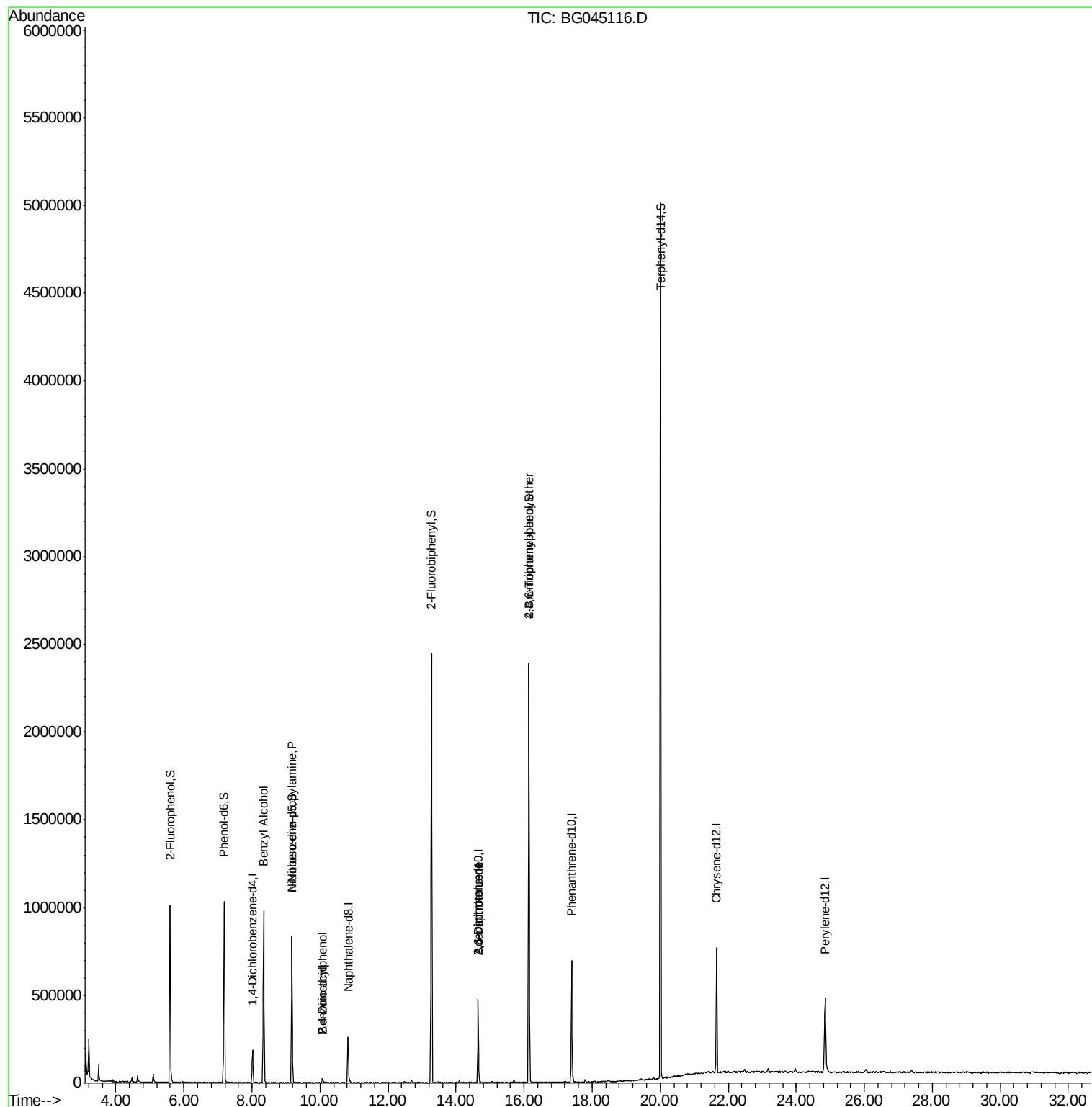
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.18	77	1693	Below Cal	#	4
15) Benzyl Alcohol	8.34	79	9919	2.325 ng	#	60
19) n-Nitroso-di-n-propylamine	9.17	70	74370	20.666 ng	#	84
27) 2,4-Dimethylphenol	10.07	122	10100	2.854 ng	#	2
32) Benzoic acid	10.07	122	10100	9.437 ng	#	90
51) 2,6-Dinitrotoluene	14.65	165	24987	7.492 ng	#	26
57) 2,4-Dinitrotoluene	14.65	165	24987	5.127 ng	#	23
67) 4-Bromophenyl-phenylether	16.14	248	33864	5.672 ng	#	1
74) Di-n-butylphthalate	18.36	149	1175	Below Cal	#	76
75) Fluoranthene	19.45	202	5688	Below Cal	#	77
77) Benzydine	19.64	184	1432	Below Cal	#	81

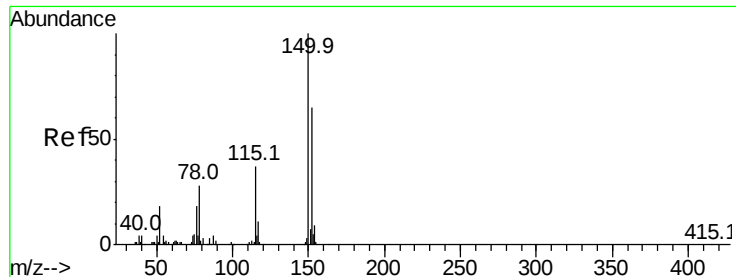
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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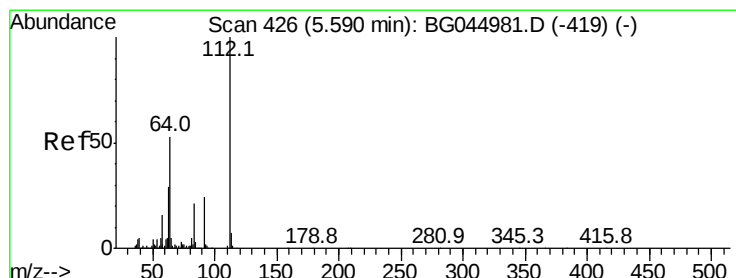
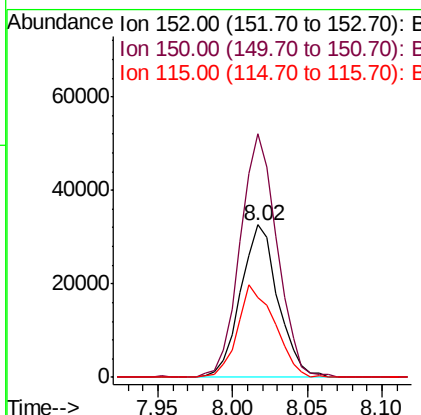
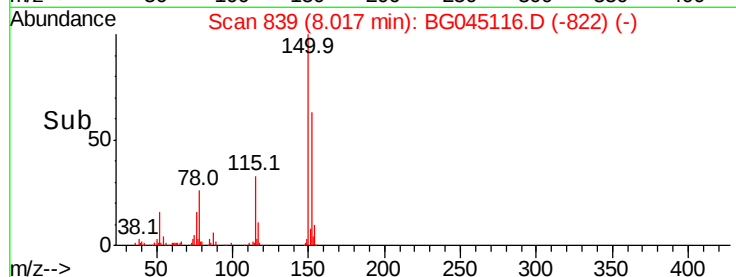
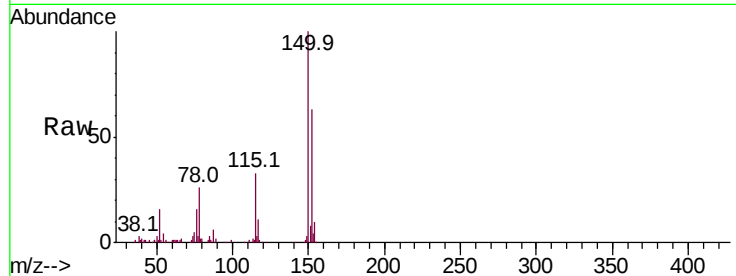




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG045116.D
Acq: 21 Apr 2020 17:58

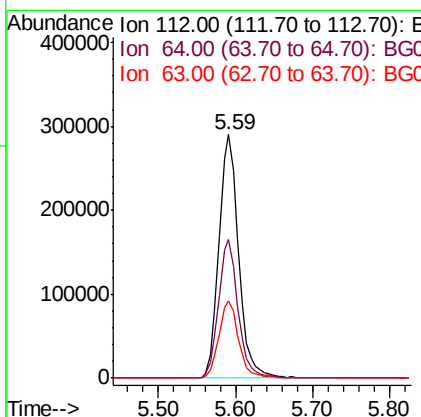
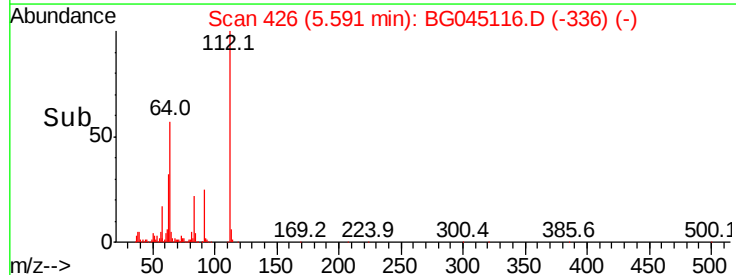
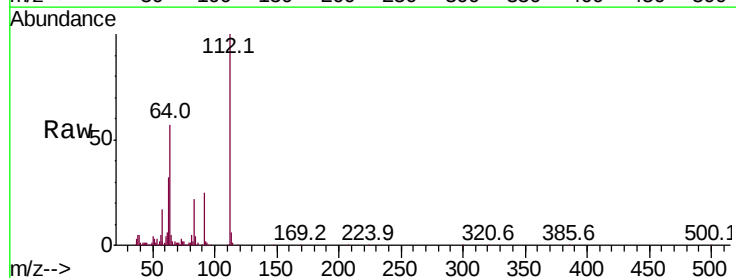
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Tot Ion:	152	Resp:	56544
Ion	Ratio	Lower	Upper
152	100		
150	160.0	123.6	185.4
115	52.2	49.1	73.7



#5
2-Fluorophenol
Concen: 149.474 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG045116.D
Acq: 21 Apr 2020 17:58

Tgt Ion:	112	Resp:	511939
Ion	Ratio	Lower	Upper
112	100		
64	57.1	42.4	63.6
63	31.6	23.1	34.7





#7

Phenol-d6

Concen: 133.156 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG045116.D

Acq: 21 Apr 2020 17:58

Instrument :

BNA_G

ClientSampleId :

TP-19-COMP

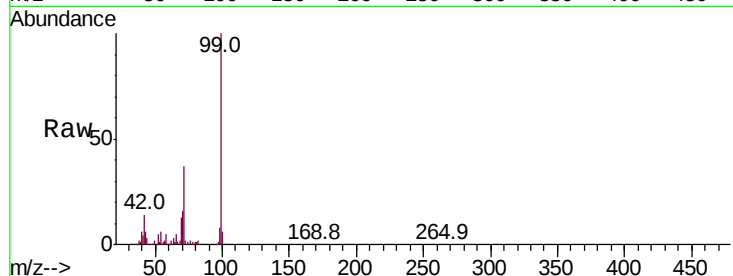
Tot Ion: 99 Resp: 677580

Ion Ratio Lower Upper

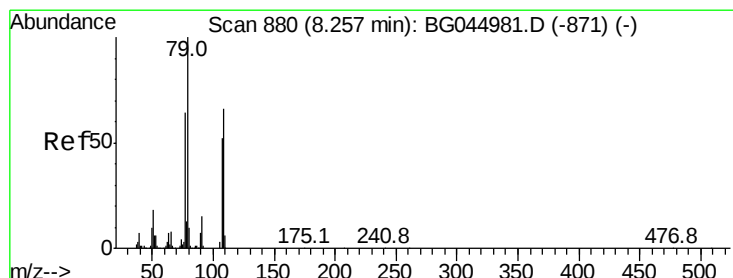
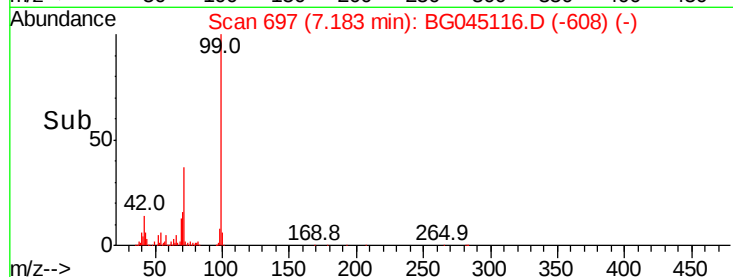
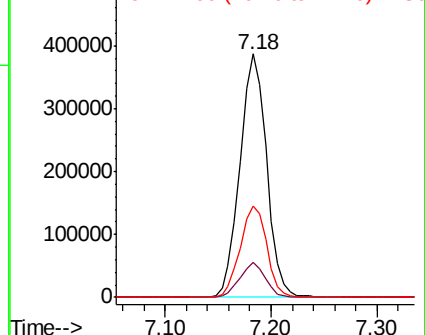
99 100

42 14.1 11.3 16.9

71 37.4 28.3 42.5



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



#15

Benzyl Alcohol

Concen: 2.325 ng

RT: 8.34 min Scan# 894

Delta R.T. 0.08 min

Lab File: BG045116.D

Acq: 21 Apr 2020 17:58

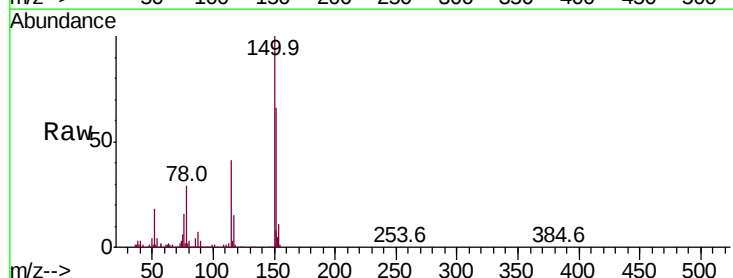
Tgt Ion: 79 Resp: 9919

Ion Ratio Lower Upper

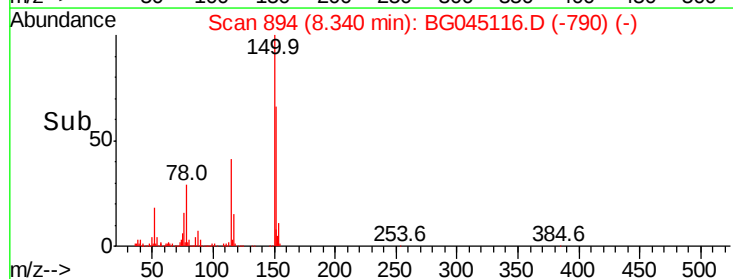
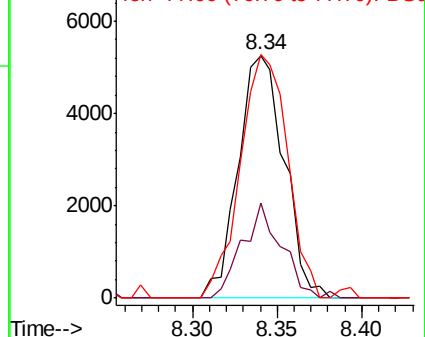
79 100

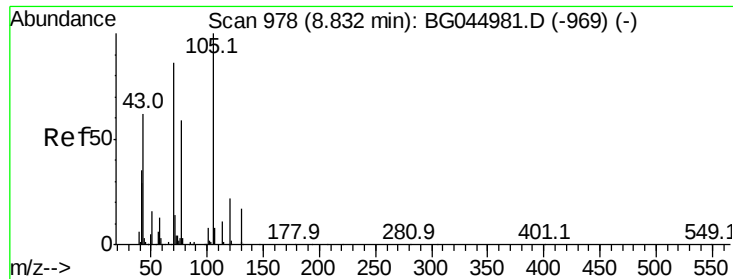
108 39.5 52.7 79.1#

77 100.3 51.3 76.9#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

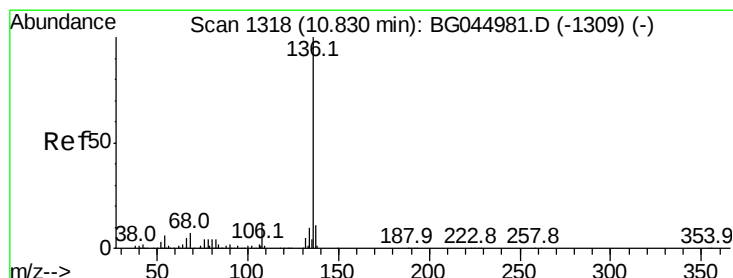
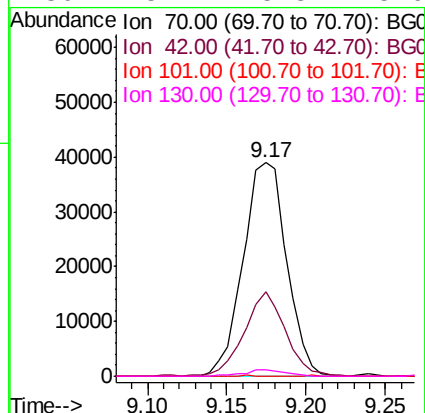
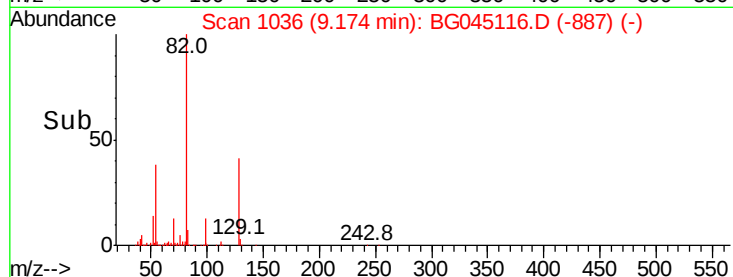
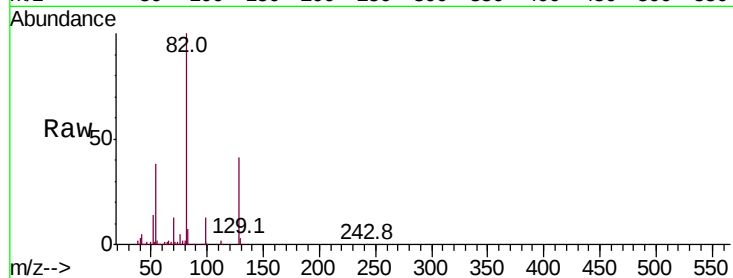




#19
n-Nitroso-di-n-propylamine
Concen: 20.666 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.35 min
Lab File: BG045116.D
Acq: 21 Apr 2020 17:58

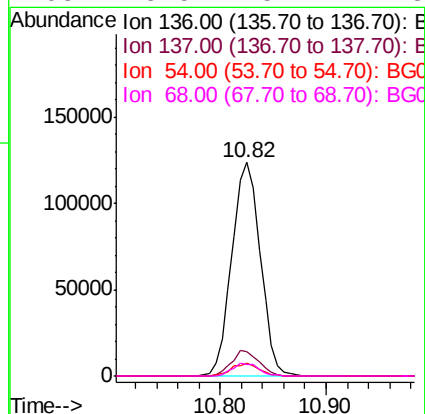
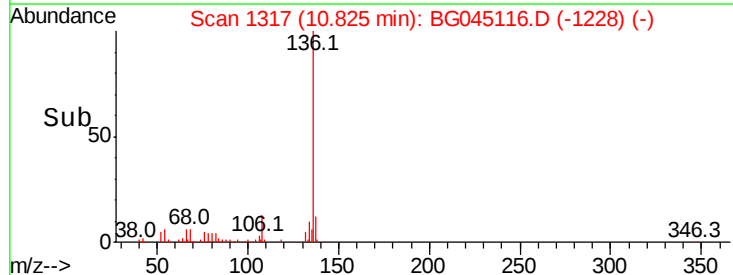
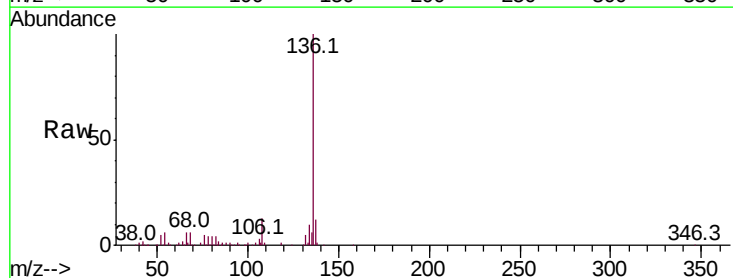
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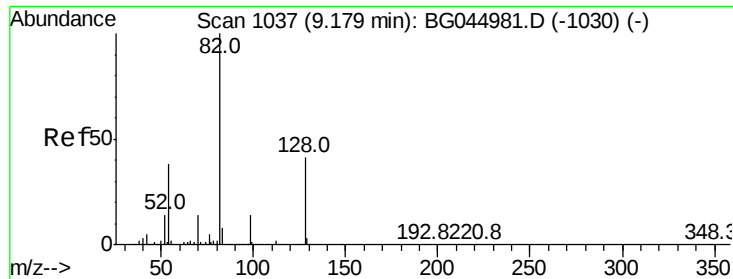
Tot Ion:	70	Resp:	74370
Ion	Ratio	Lower	Upper
70	100		
42	39.4	33.3	49.9
101	0.0	7.8	11.8#
130	3.1	15.8	23.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG045116.D
Acq: 21 Apr 2020 17:58

Tgt Ion:	136	Resp:	230505
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	13.0
54	6.0	4.8	7.2
68	5.5	5.2	7.8

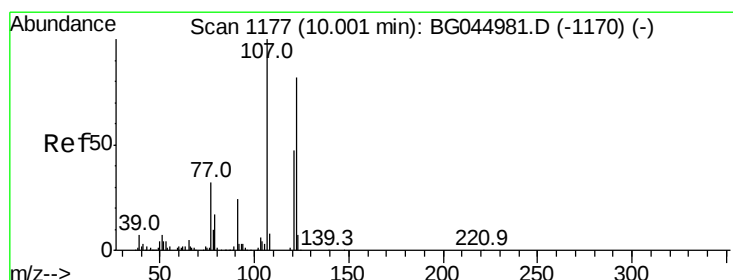
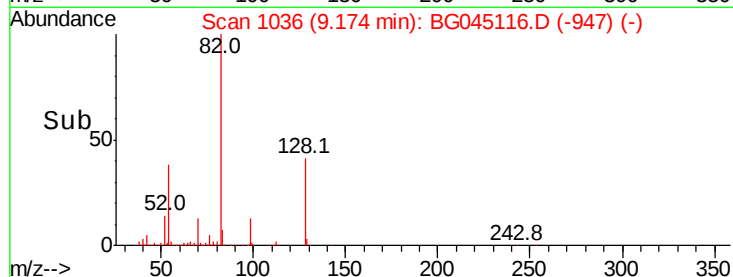
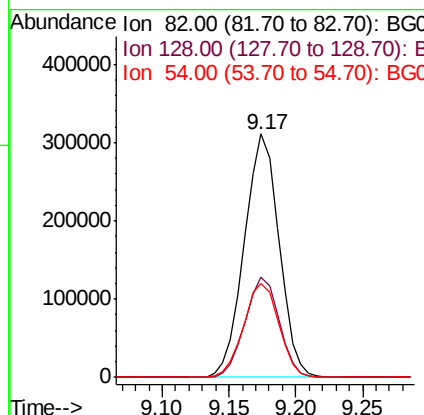
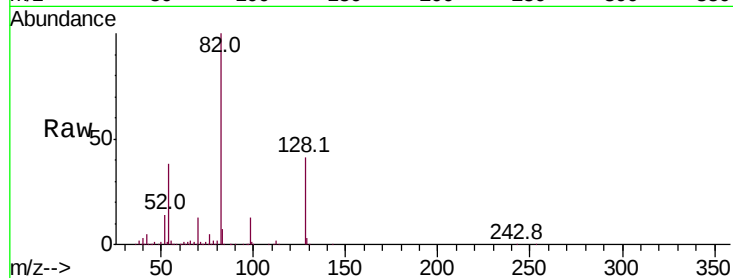




#23
 Nitrobenzene-d5
 Concen: 110.900 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG045116.D
 Acq: 21 Apr 2020 17:58

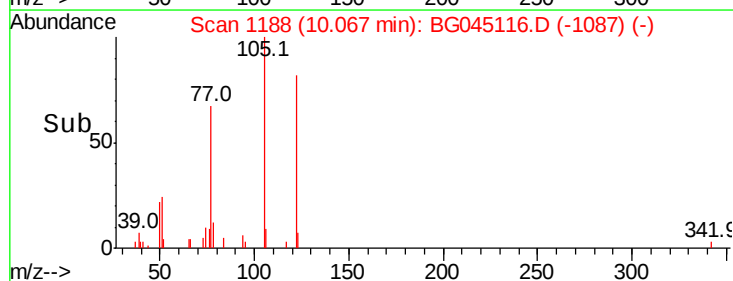
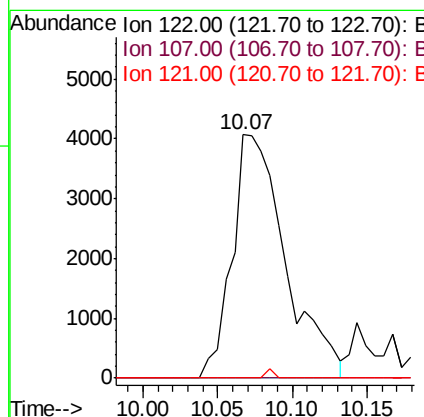
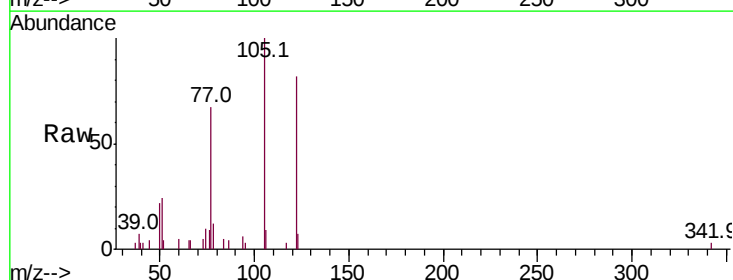
Instrument :
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 ClientSampleId :
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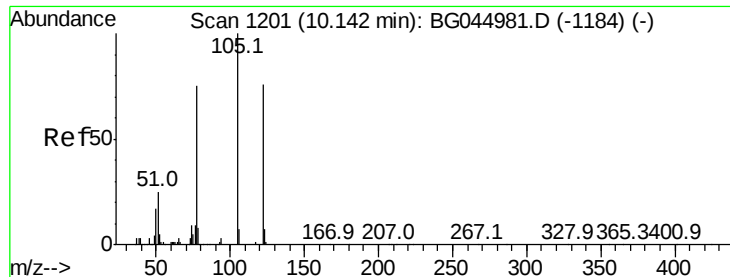
Tot Ion	82	Resp	560236
Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.0	49.4
54	38.4	30.4	45.6



#27
 2,4-Dimethylphenol
 Concen: 2.854 ng
 RT: 10.07 min Scan# 1188
 Delta R.T. 0.06 min
 Lab File: BG045116.D
 Acq: 21 Apr 2020 17:58

Tgt Ion	122	Resp	10100
Ion	Ratio	Lower	Upper
122	100		
107	0.0	96.8	145.2#
121	0.0	45.6	68.4#

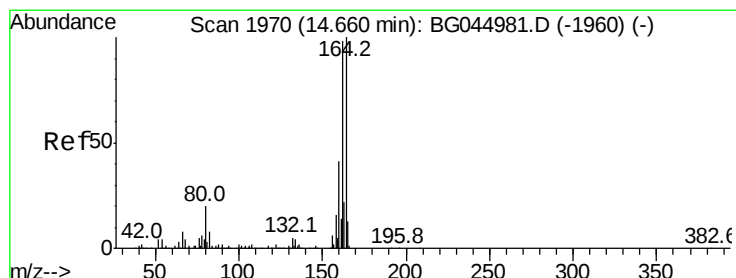
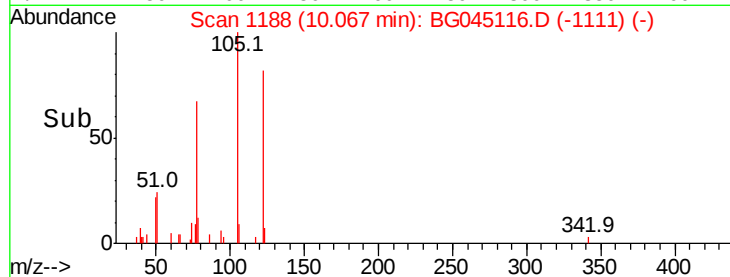
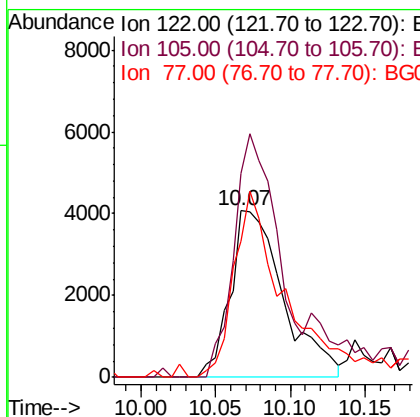
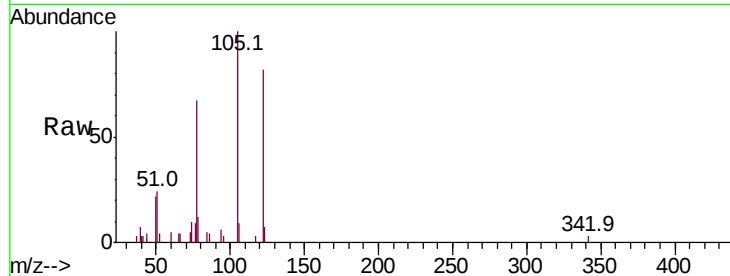




#32
Benzoic acid
Concen: 9.437 ng
RT: 10.07 min Scan# 1188
Delta R.T. -0.08 min
Lab File: BG045116.D
Acq: 21 Apr 2020 17:58

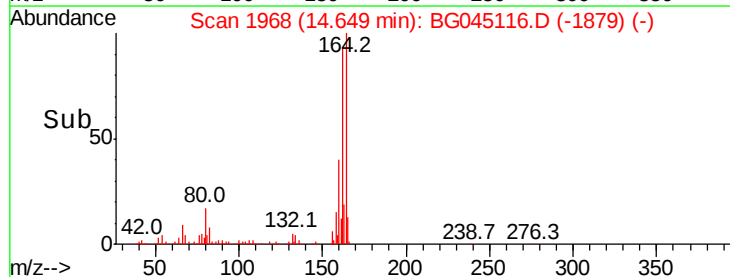
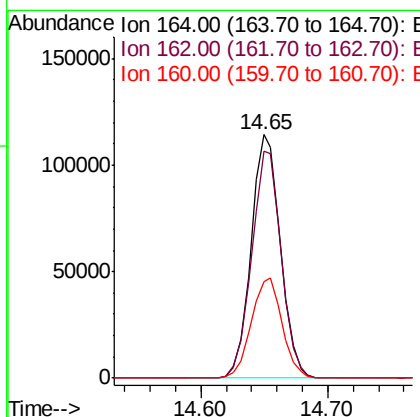
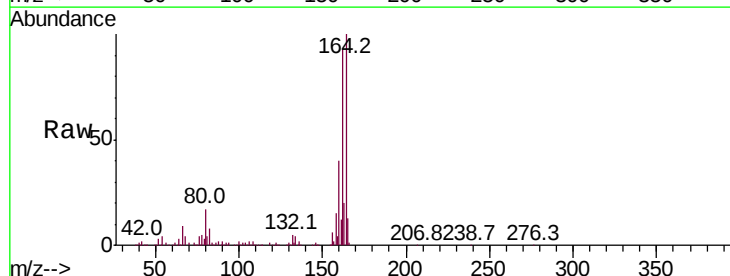
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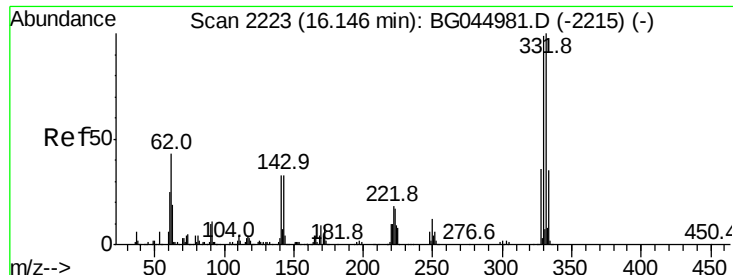
Tot Ion	Ratio	Lower	Upper
122	100		
105	122.4	108.4	148.4
77	81.7	78.8	118.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG045116.D
Acq: 21 Apr 2020 17:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.2	78.7	118.1
160	39.6	32.8	49.2

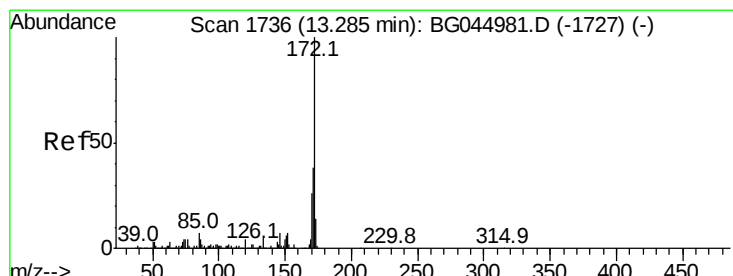
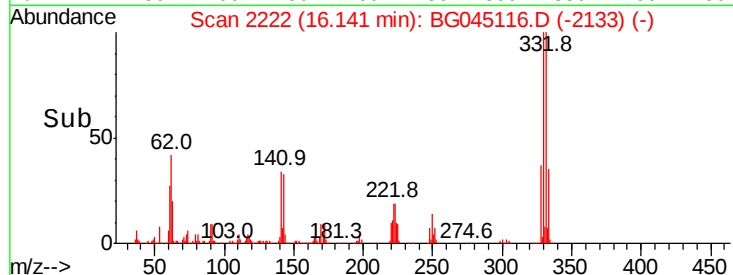
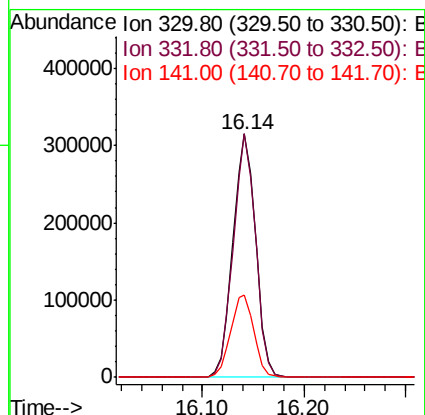
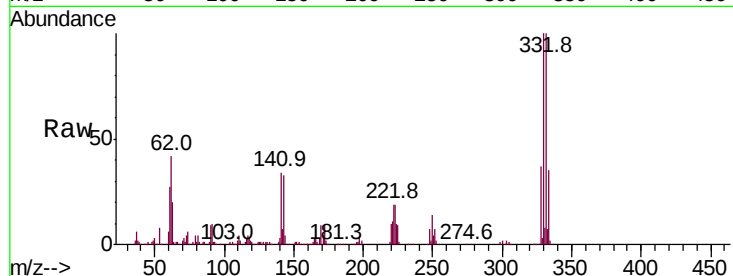




#42
 2,4,6-Tribromophenol
 Concen: 173.025 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG045116.D
 Acq: 21 Apr 2020 17:58

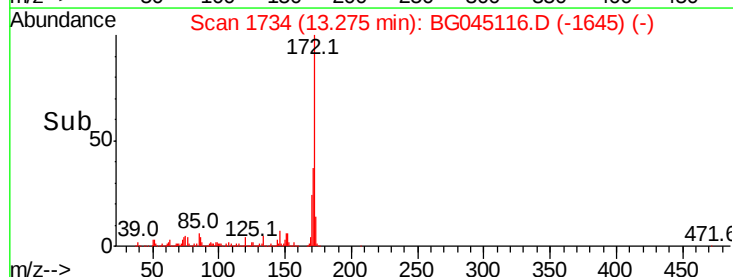
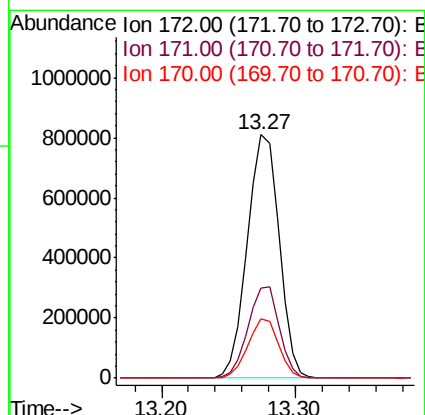
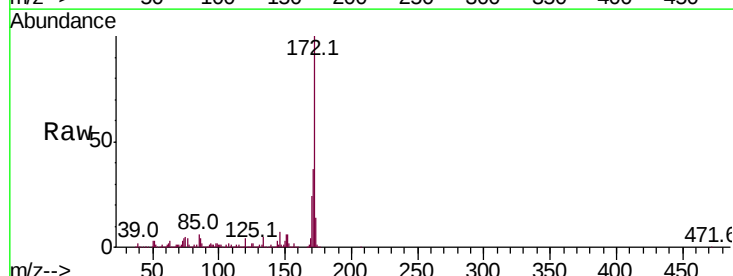
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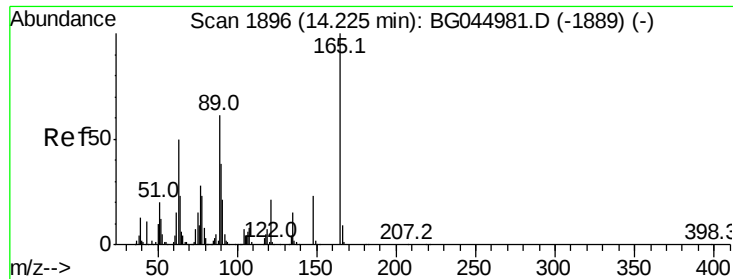
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	79.1	118.7
141	34.3	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 106.635 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG045116.D
 Acq: 21 Apr 2020 17:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.6	46.0
170	24.2	20.5	30.7

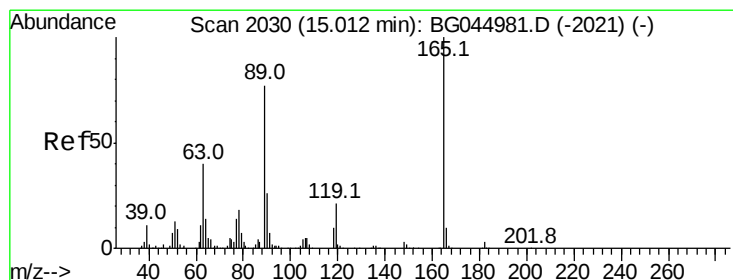
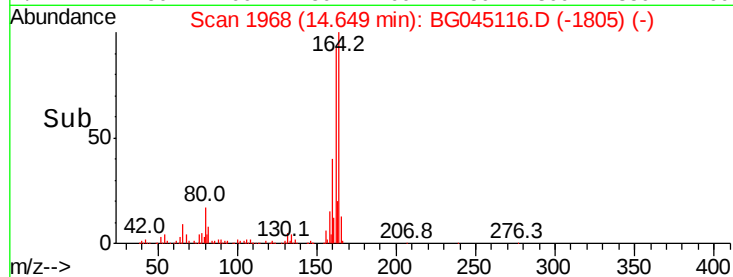
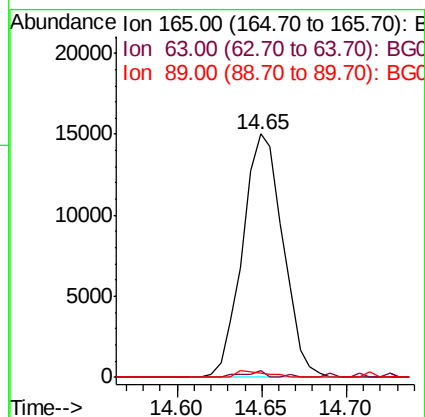
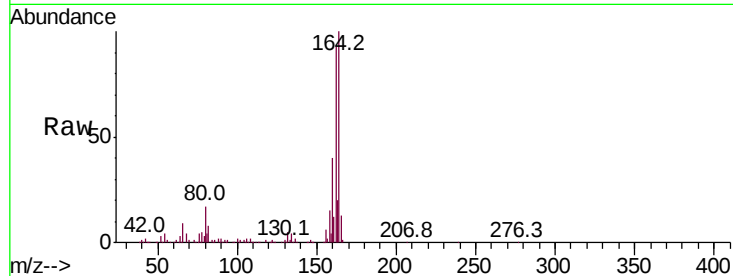




#51
2,6-Dinitrotoluene
Concen: 7.492 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.43 min
Lab File: BG045116.D
Acq: 21 Apr 2020 17:58

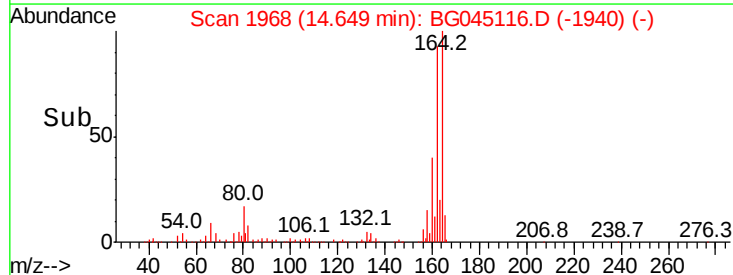
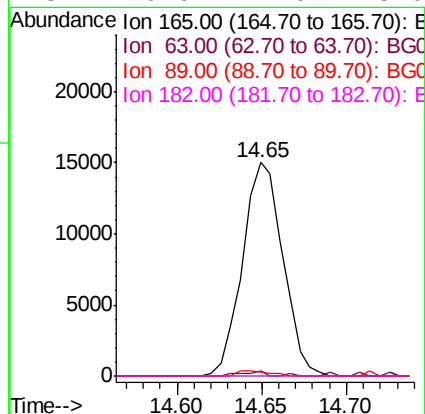
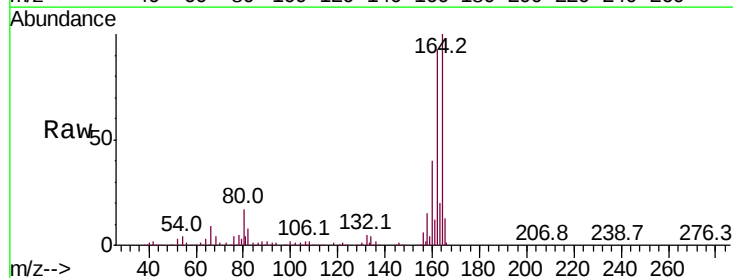
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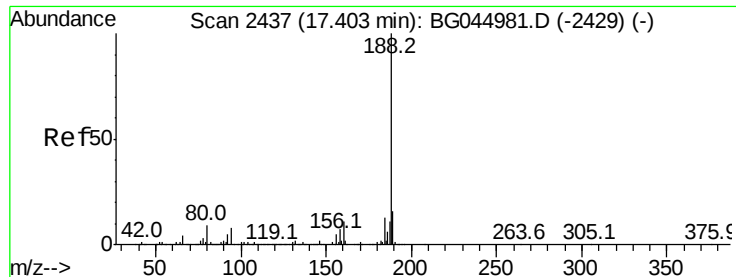
Tot Ion:165 Resp: 24987
Ion Ratio Lower Upper
165 100
63 2.6 40.4 60.6#
89 1.6 49.1 73.7#



#57
2,4-Dinitrotoluene
Concen: 5.127 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.36 min
Lab File: BG045116.D
Acq: 21 Apr 2020 17:58

Tgt Ion:165 Resp: 24987
Ion Ratio Lower Upper
165 100
63 2.6 32.2 48.2#
89 1.6 61.7 92.5#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG045116.D

Acq: 21 Apr 2020 17:58

Instrument :

BNA_G

ClientSampleId :

TP-19-COMP

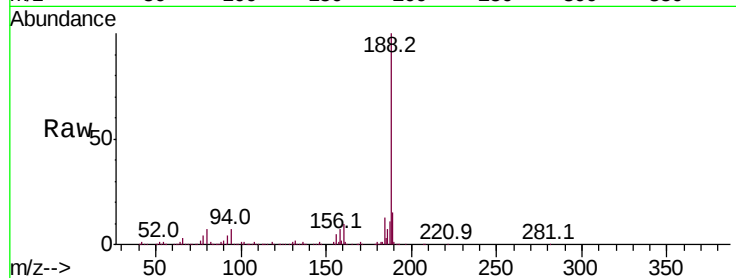
Tot Ion:188 Resp: 462805

Ion Ratio Lower Upper

188 100

94 7.4 6.2 9.4

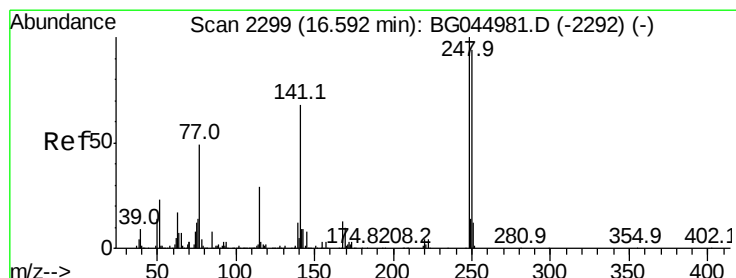
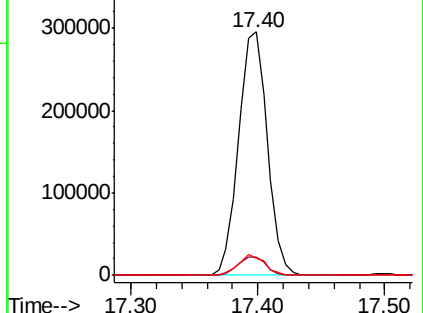
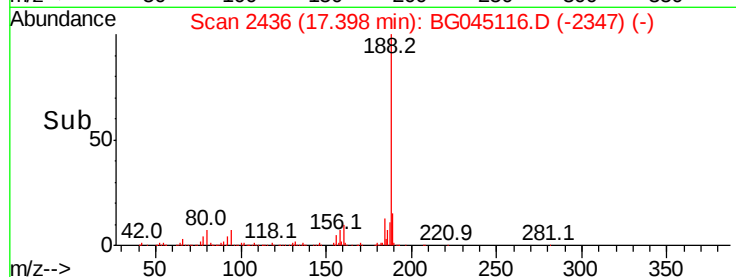
80 7.1 7.0 10.6



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



#67

4-Bromophenyl-phenylether

Concen: 5.672 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.45 min

Lab File: BG045116.D

Acq: 21 Apr 2020 17:58

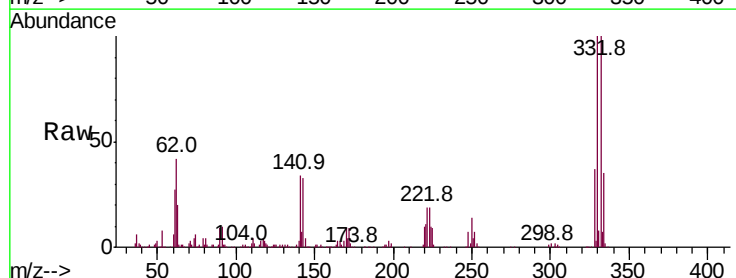
Tgt Ion:248 Resp: 33864

Ion Ratio Lower Upper

248 100

250 186.2 75.4 113.2#

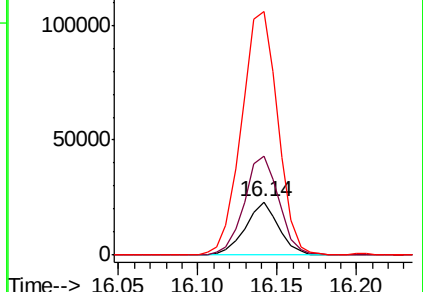
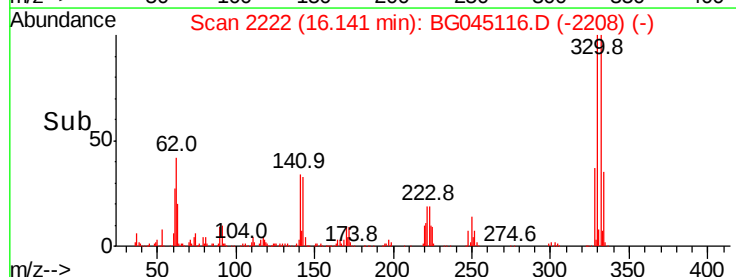
141 457.9 54.4 81.6#

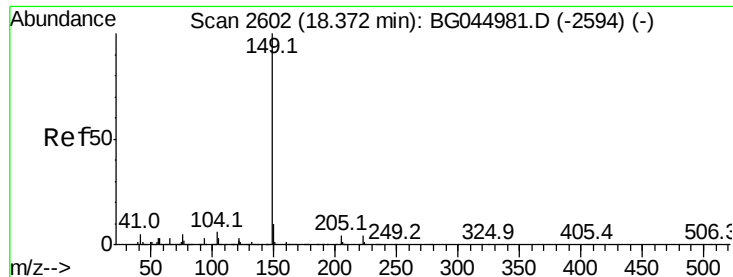


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

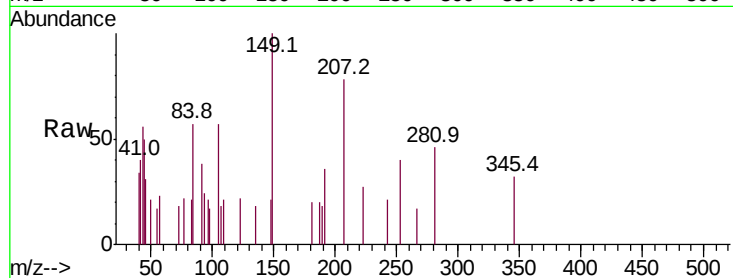




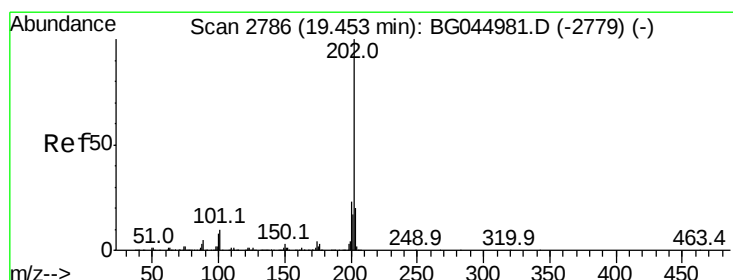
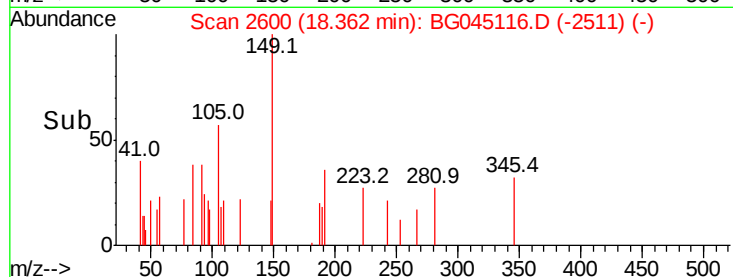
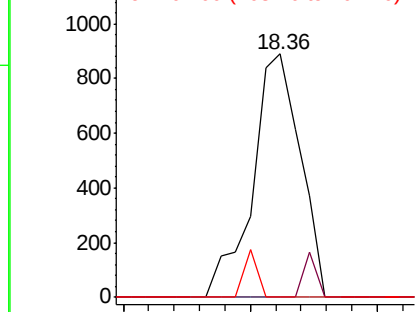
#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.36 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BG045116.D
Acq: 21 Apr 2020 17:58

Instrument :
BNA_G
ClientSampleId :
TP-19-COMP

Tot Ion:149 Resp: 1175
Ion Ratio Lower Upper
149 100
150 0.0 8.2 12.2#
104 0.0 4.8 7.2#

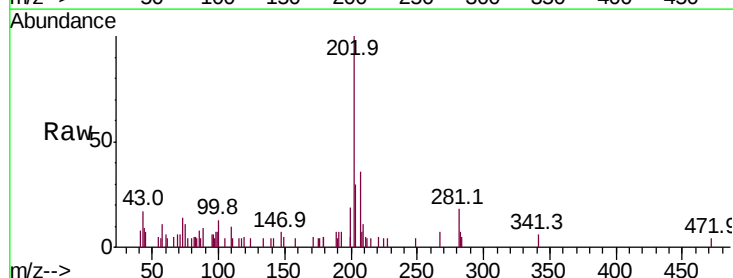


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

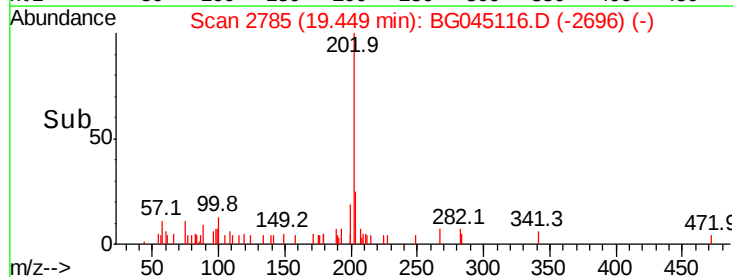
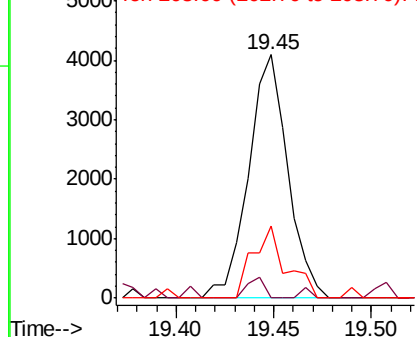


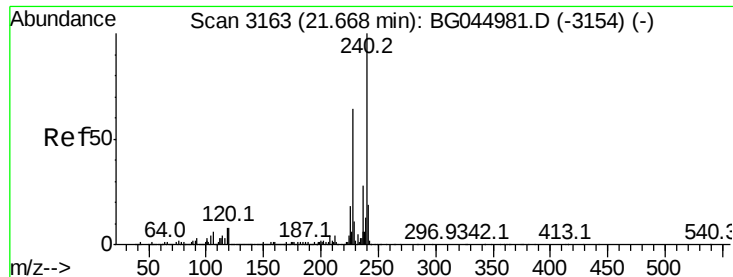
#75
Fluoranthene
Concen: Below Cal
RT: 19.45 min Scan# 2785
Delta R.T. -0.01 min
Lab File: BG045116.D
Acq: 21 Apr 2020 17:58

Tgt Ion:202 Resp: 5688
Ion Ratio Lower Upper
202 100
101 0.0 0.0 29.6
203 29.8 0.0 39.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG045116.D

Acq: 21 Apr 2020 17:58

Instrument :

BNA_G

ClientSampleId :

TP-19-COMP

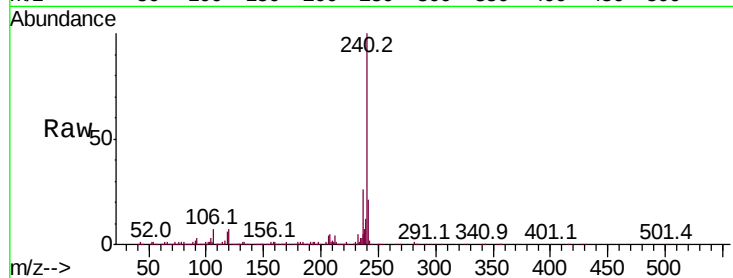
Tot Ion:240 Resp: 446844

Ion Ratio Lower Upper

240 100

120 6.6 6.6 10.0#

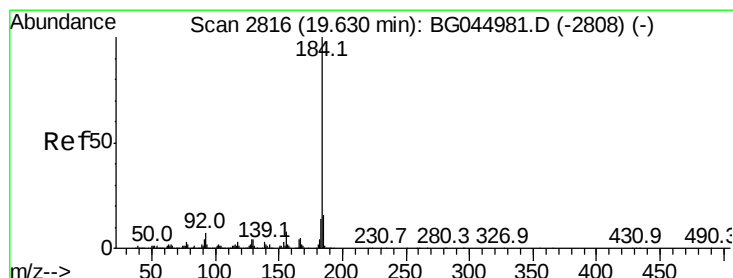
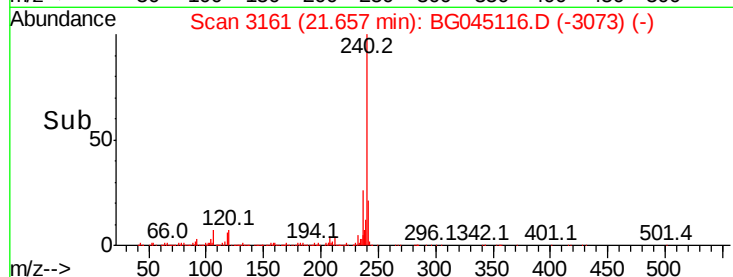
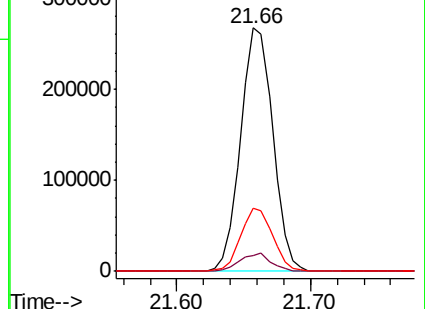
236 25.8 22.2 33.2



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



#77

Benzidine

Concen: Below Cal

RT: 19.64 min Scan# 2817

Delta R.T. 0.01 min

Lab File: BG045116.D

Acq: 21 Apr 2020 17:58

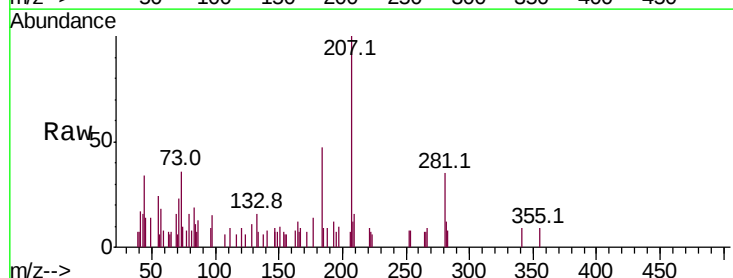
Tgt Ion:184 Resp: 1432

Ion Ratio Lower Upper

184 100

185 18.2 12.6 19.0

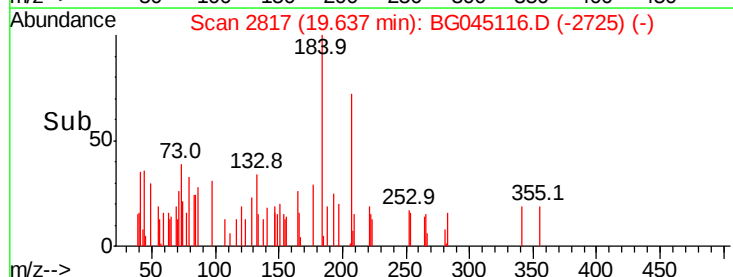
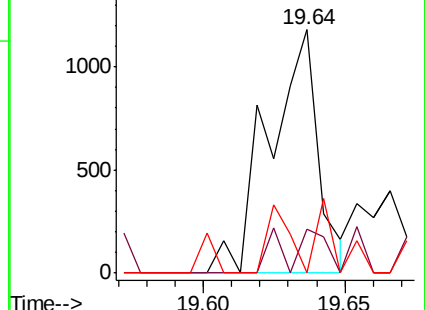
183 0.0 11.3 16.9#

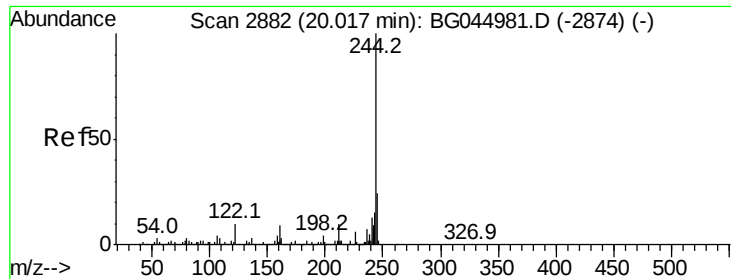


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 114.172 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045116.D

Acq: 21 Apr 2020 17:58

Instrument :

BNA_G

ClientSampleId :

TP-19-COMP

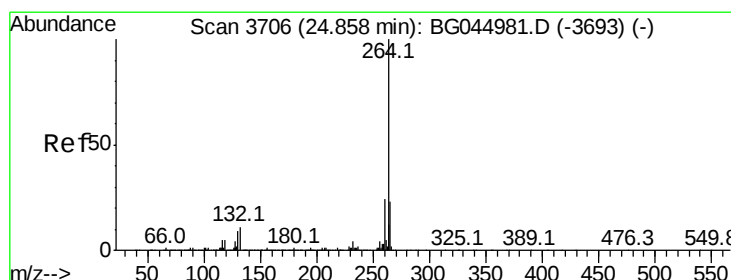
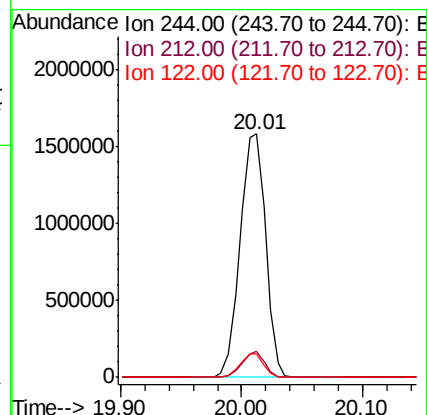
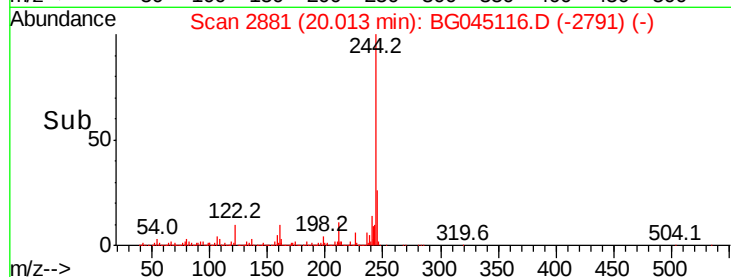
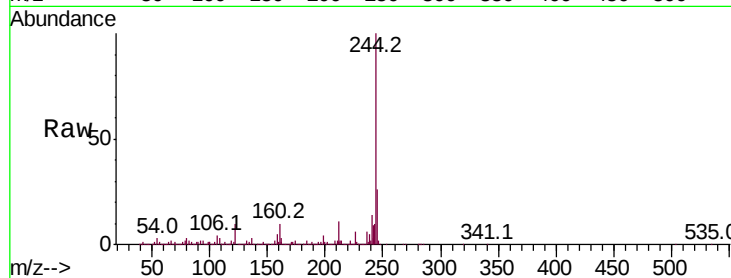
Tot Ion:244 Resp: 2340701

Ion Ratio Lower Upper

244 100

212 10.7 7.9 11.9

122 9.7 7.7 11.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG045116.D

Acq: 21 Apr 2020 17:58

Tgt Ion:264 Resp: 479358

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.3 19.0 28.4

