

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040895.D
 Acq On : 12 May 2019 5:58
 Operator : HP/JU
 Sample : K2767-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS011-1824-01

Quant Time: May 13 03:51:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

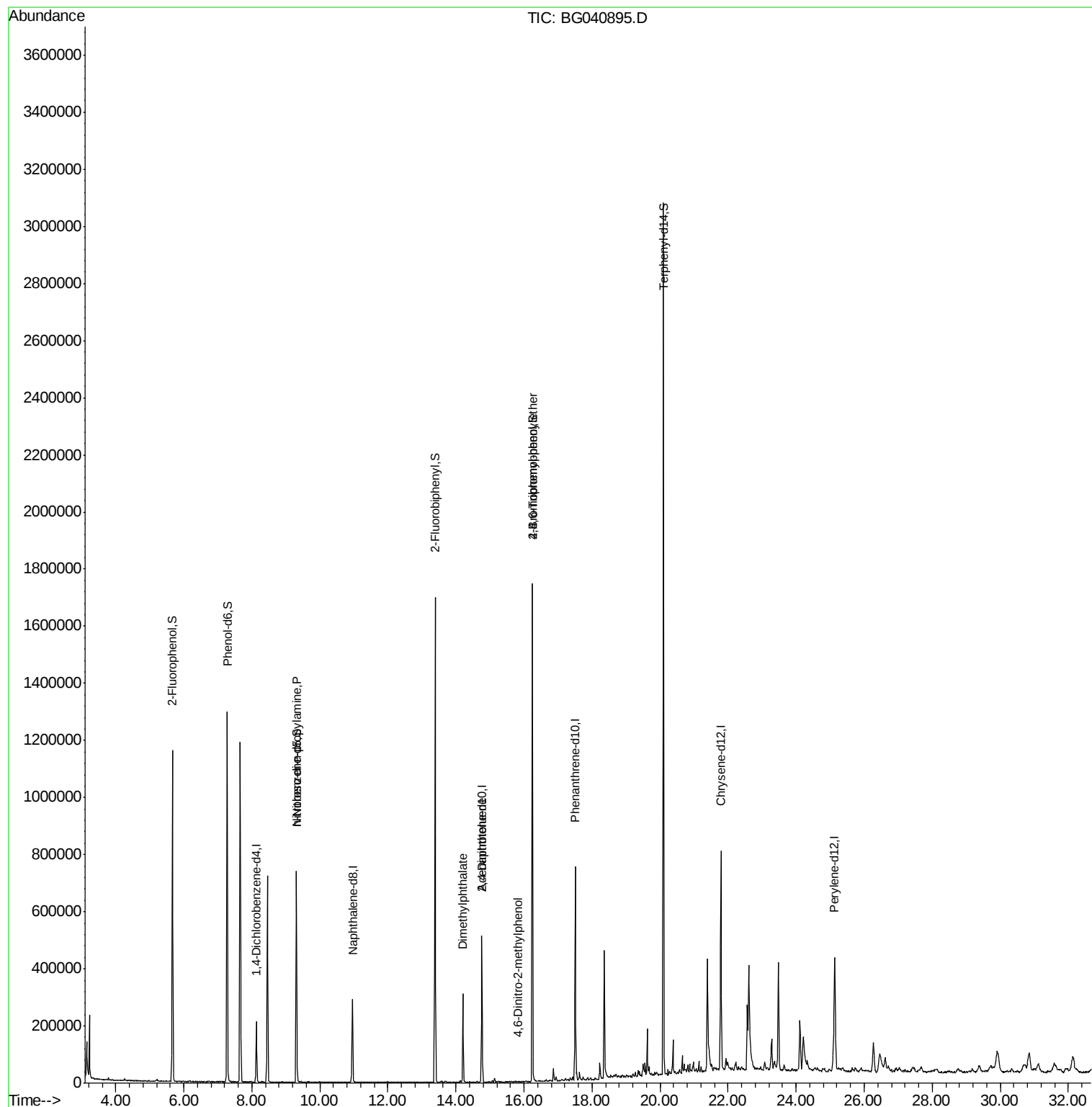
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	54517	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	233776	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	175903	20.00	ng	-0.03
64) Phenanthrene-d10	17.50	188	442722	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	445498	20.00	ng	-0.04
87) Perylene-d12	25.13	264	476064	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	425560	137.60	ng	-0.02
7) Phenol-d6	7.27	99	655599	137.68	ng	-0.02
23) Nitrobenzene-d5	9.31	82	449714	88.89	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	317865	131.47	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	843695	69.27	ng	-0.03
79) Terphenyl-d14	20.10	244	1435682	71.40	ng	-0.03
Target Compounds						
9) Benzaldehyde	7.27	77	1496	Below Cal	Qvalue	# 6
19) n-Nitroso-di-n-propylamine	9.31	70	64680	15.089 ng	#	70
50) Dimethylphthalate	14.20	163	189355	12.866 ng	#	99
57) 2,4-Dinitrotoluene	14.76	165	22270	5.706 ng	#	17
65) 4,6-Dinitro-2-methylphenol	15.81	198	58	7.124 ng	#	28
67) 4-Bromophenyl-phenylether	16.25	248	24279	4.402 ng	#	1

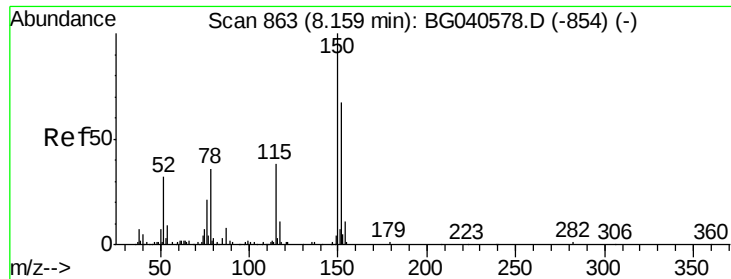
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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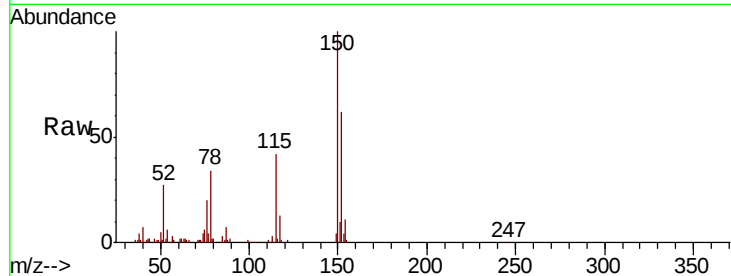


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040895.D
Acq: 12 May 2019 5:58

Instrument :
BNA_G
ClientSampleId :
P026-SS011-1824-01

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.5	120.2	180.2
115	66.6	46.2	69.2

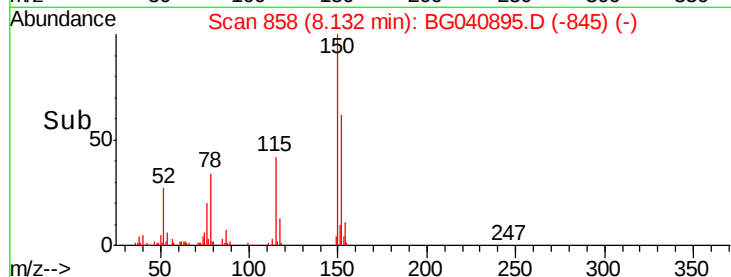
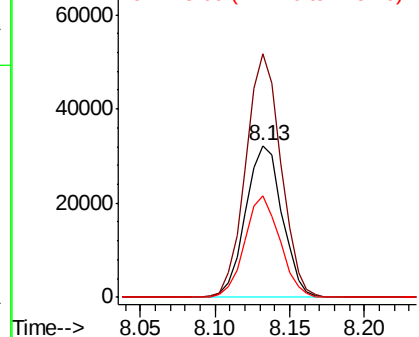


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

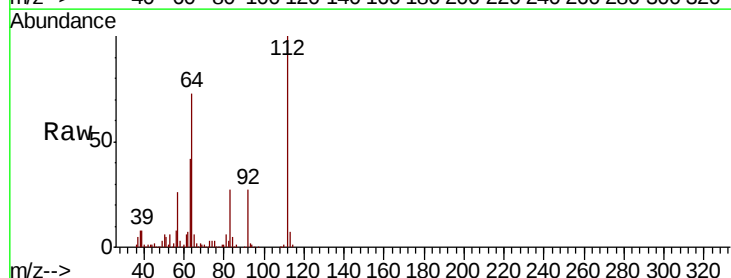
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 137.602 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040895.D
Acq: 12 May 2019 5:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.7	61.4	92.0
63	41.8	37.8	56.6

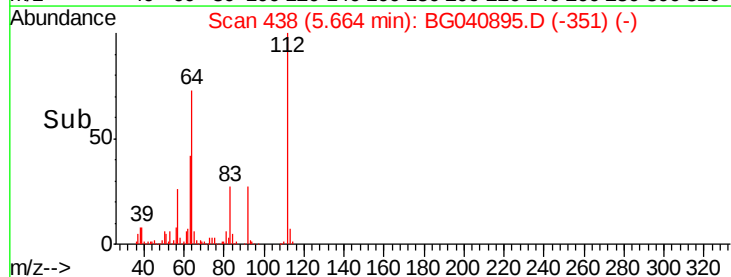
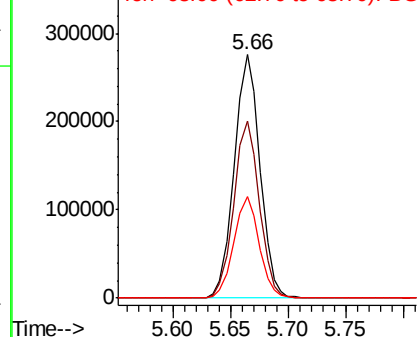


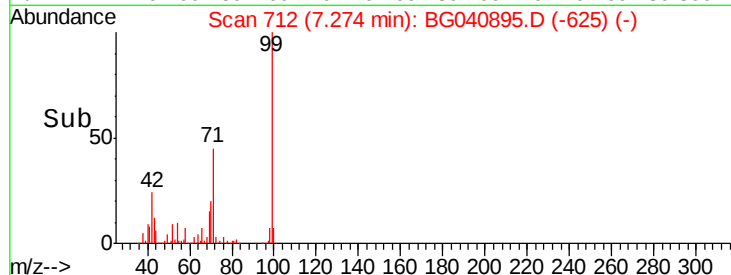
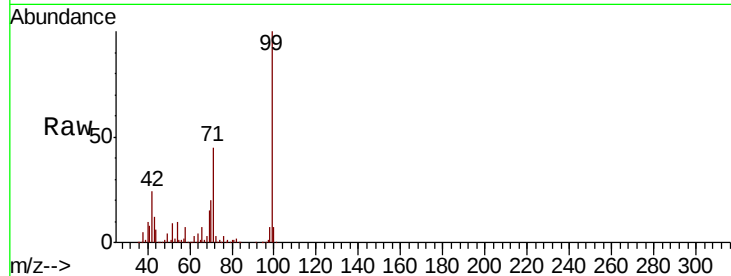
Abundance

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: 137.676 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040895.D

Acq: 12 May 2019 5:58

Instrument :

BNA_G

ClientSampleId :

P026-SS011-1824-01

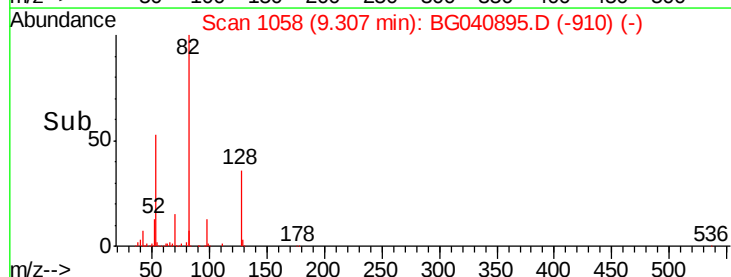
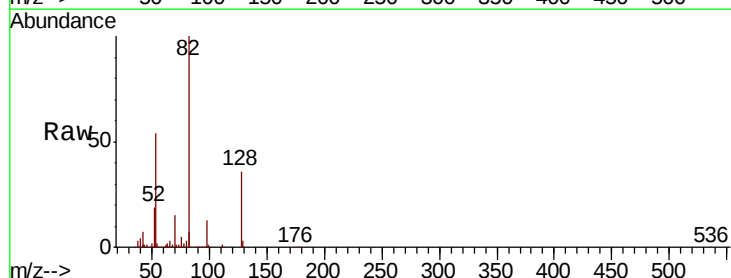
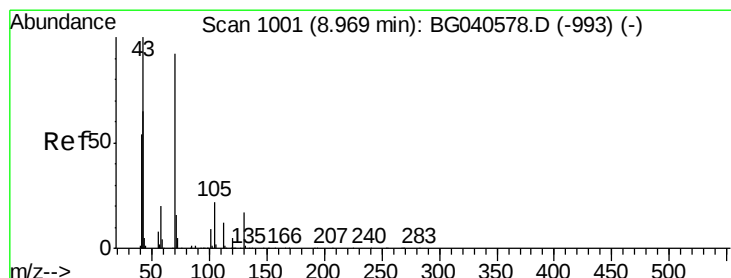
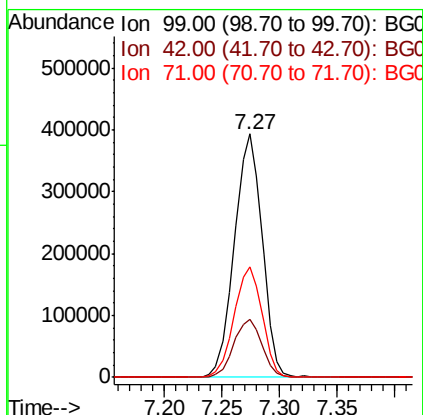
Tgt Ion: 99 Resp: 655599

Ion Ratio Lower Upper

99 100

42 23.6 21.8 32.8

71 45.2 38.6 57.8



#19

n-Nitroso-di-n-propylamine

Concen: 15.089 ng

RT: 9.31 min Scan# 1058

Delta R.T. 0.34 min

Lab File: BG040895.D

Acq: 12 May 2019 5:58

Tgt Ion: 70 Resp: 64680

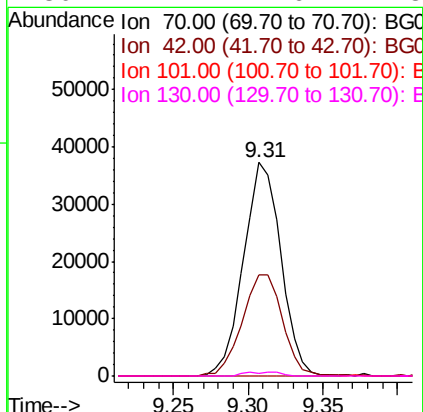
Ion Ratio Lower Upper

70 100

42 47.6 57.1 85.7#

101 0.0 7.8 11.8#

130 1.4 14.6 21.8#

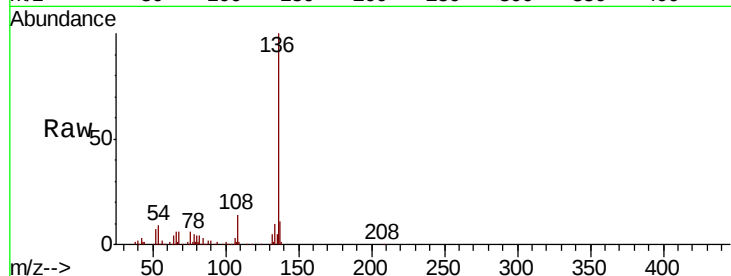




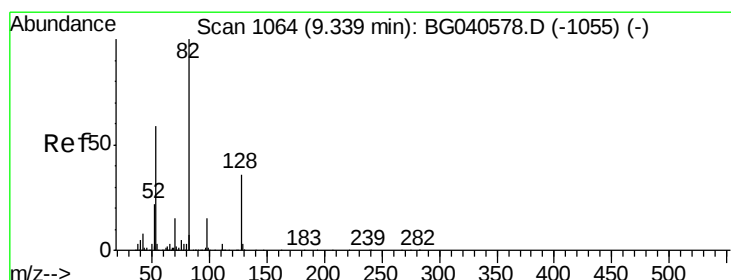
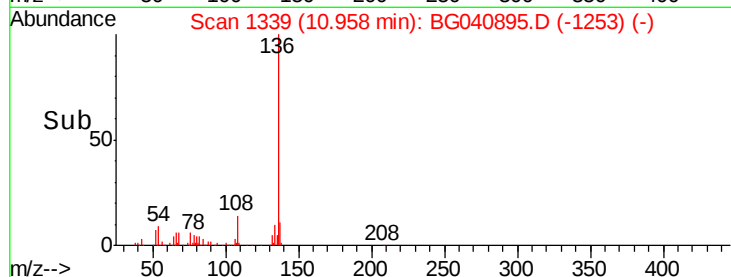
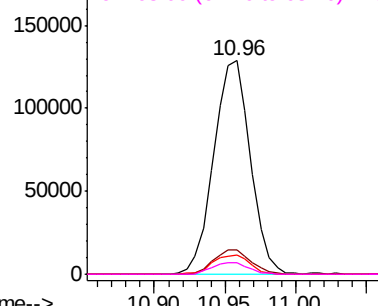
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040895.D
Acq: 12 May 2019 5:58

Instrument :
BNA_G
ClientSampleId :
P026-SS011-1824-01

Tgt Ion:	136	Resp:	233776
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.7	14.5
54	9.2	8.6	12.8
68	5.6	4.8	7.2

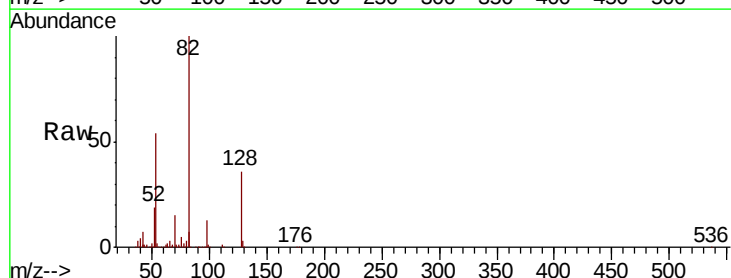


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

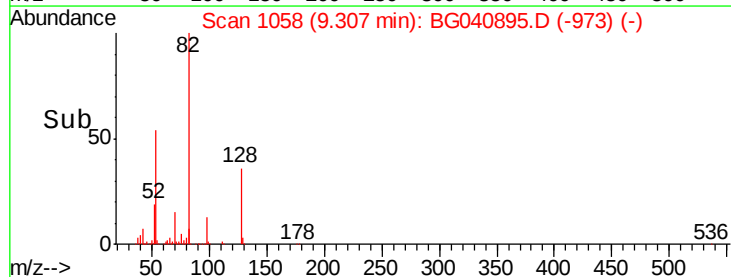
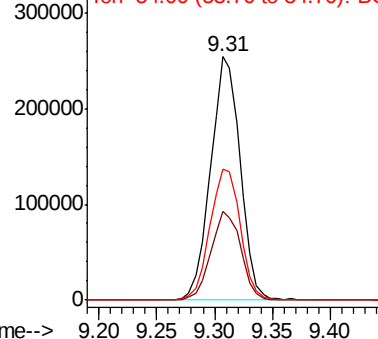


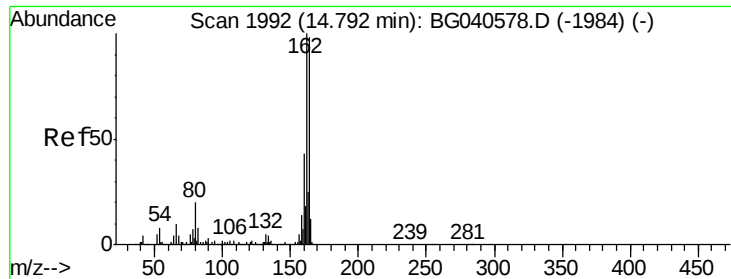
#23
Nitrobenzene-d5
Concen: 88.887 ng
RT: 9.31 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BG040895.D
Acq: 12 May 2019 5:58

Tgt Ion:	82	Resp:	449714
Ion	Ratio	Lower	Upper
82	100		
128	36.2	28.9	43.3
54	54.0	47.2	70.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.03 min

Lab File: BG040895.D

Acq: 12 May 2019 5:58

Instrument :

BNA_G

ClientSampleId :

P026-SS011-1824-01

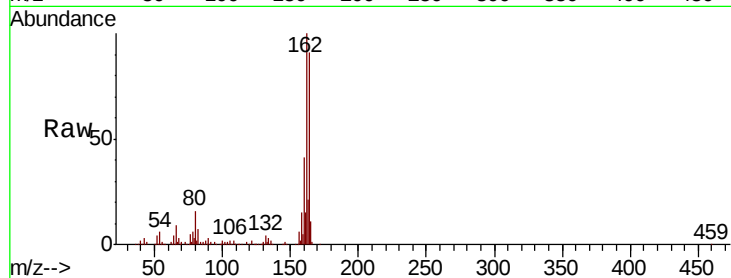
Tgt Ion:164 Resp: 175903

Ion Ratio Lower Upper

164 100

162 110.3 81.9 122.9

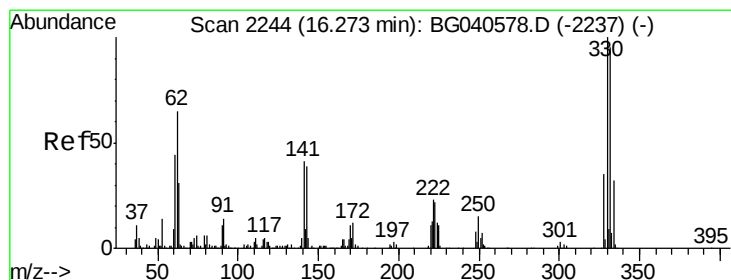
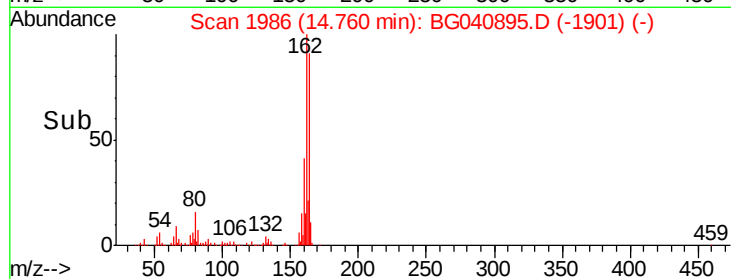
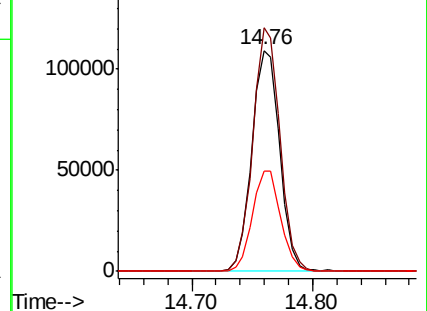
160 45.6 35.4 53.2



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: 131.467 ng

RT: 16.25 min Scan# 2239

Delta R.T. -0.03 min

Lab File: BG040895.D

Acq: 12 May 2019 5:58

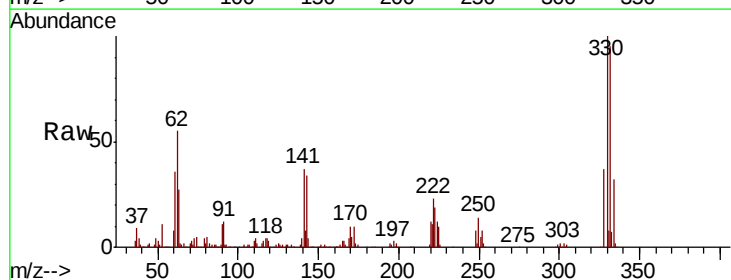
Tgt Ion:330 Resp: 317865

Ion Ratio Lower Upper

330 100

332 95.5 75.9 113.9

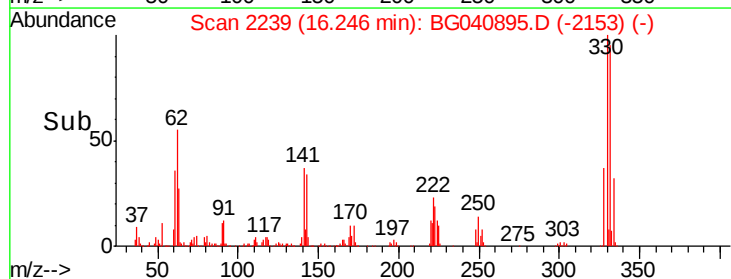
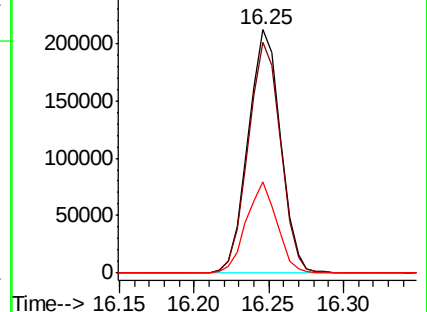
141 35.7 32.4 48.6

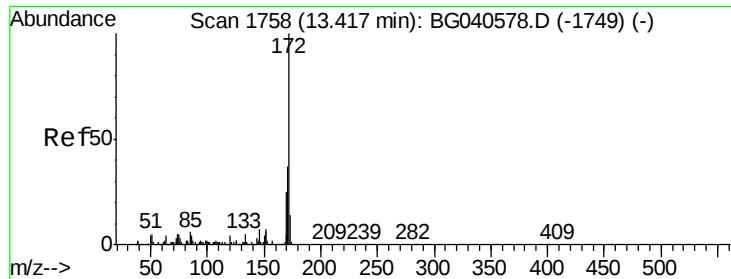


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

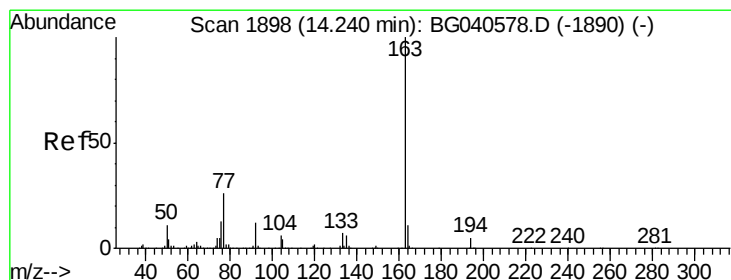
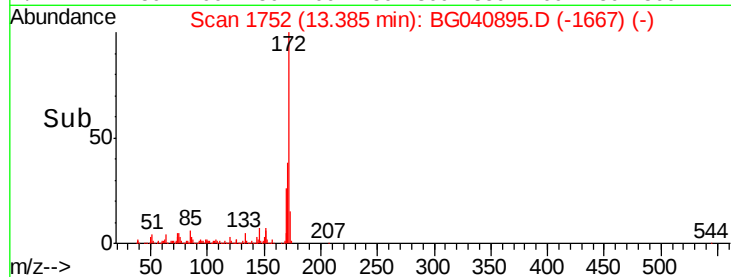
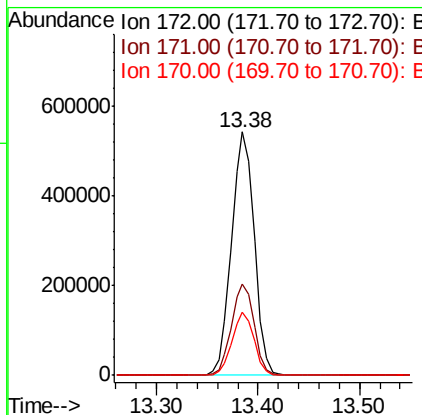
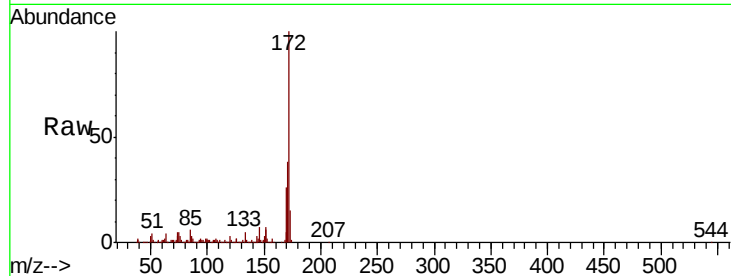




#45
2-Fluorobiphenyl
Concen: 69.269 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.03 min
Lab File: BG040895.D
Acq: 12 May 2019 5:58

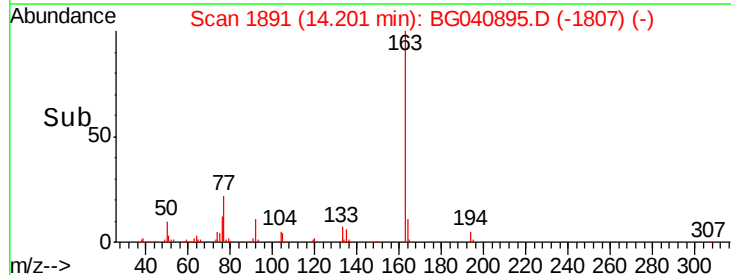
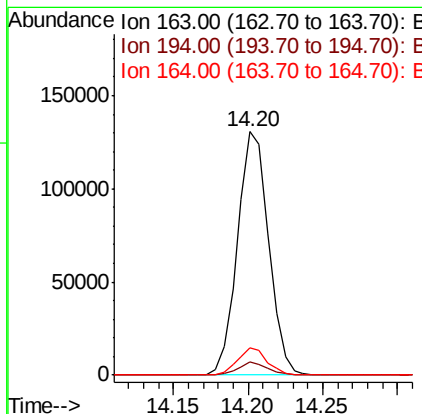
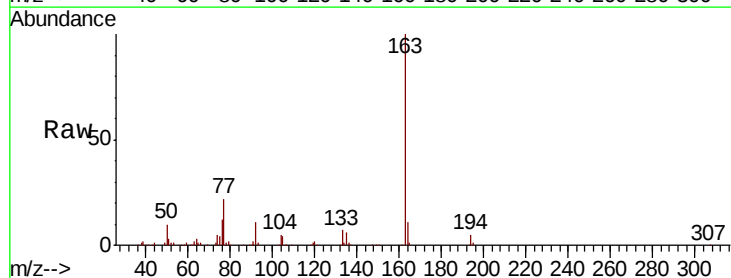
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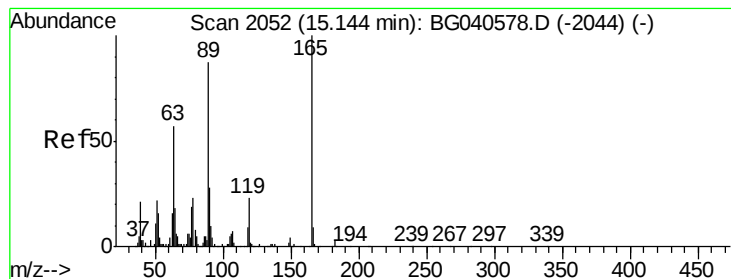
Tgt Ion:172 Resp: 843695
Ion Ratio Lower Upper
172 100
171 37.7 29.4 44.2
170 26.1 19.9 29.9



#50
Dimethylphthalate
Concen: 12.866 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.04 min
Lab File: BG040895.D
Acq: 12 May 2019 5:58

Tgt Ion:163 Resp: 189355
Ion Ratio Lower Upper
163 100
194 5.3 3.8 5.8
164 11.5 8.8 13.2





#57

2,4-Dinitrotoluene

Concen: 5.706 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.38 min

Lab File: BG040895.D

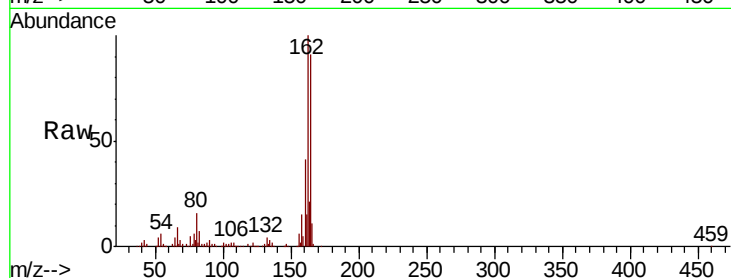
Acq: 12 May 2019 5:58

Instrument :

BNA_G

ClientSampleId :

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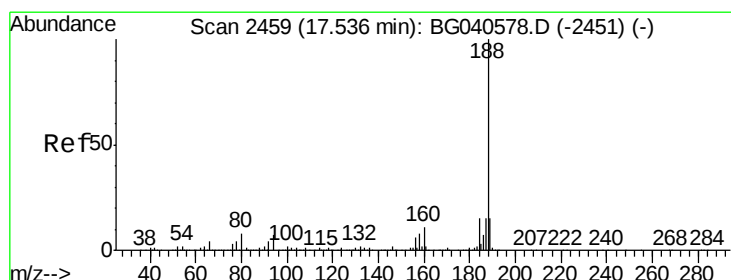
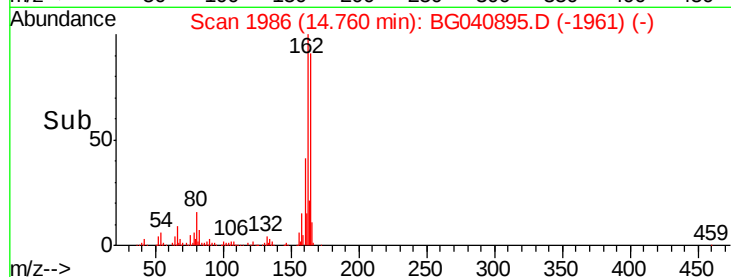
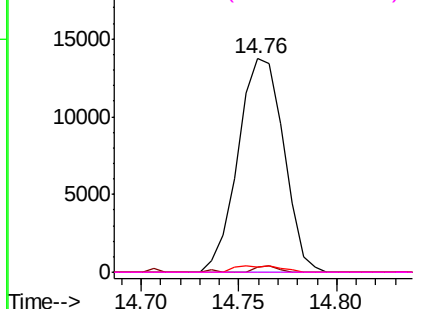
Tgt Ion:	165	Resp:	22270
Ion	Ratio	Lower	Upper
165	100		
63	2.2	45.8	68.8#
89	2.2	69.4	104.2#
182	0.0	2.2	3.4#

Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.03 min

Lab File: BG040895.D

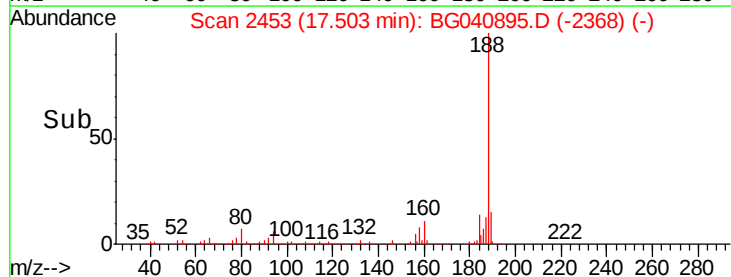
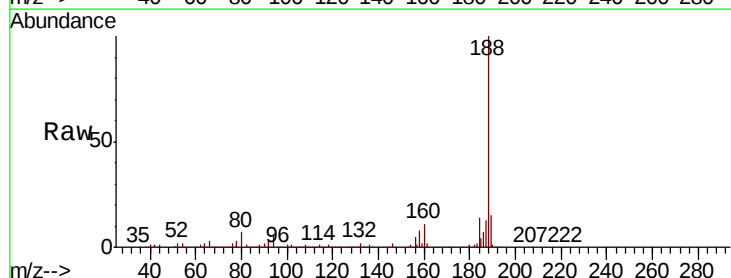
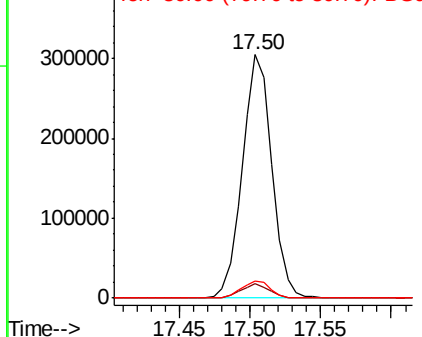
Acq: 12 May 2019 5:58

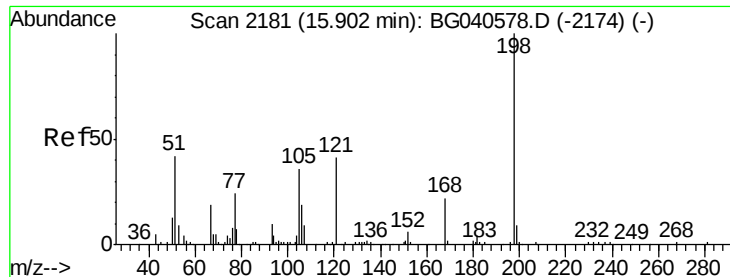
Tgt Ion:	188	Resp:	442722
Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.6	8.4
80	7.2	6.4	9.6

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





#65

4,6-Dinitro-2-methylphenol

Concen: 7.124 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.09 min

Lab File: BG040895.D

Acq: 12 May 2019 5:58

Instrument :

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ClientSampleId :

P026-SS011-1824-01

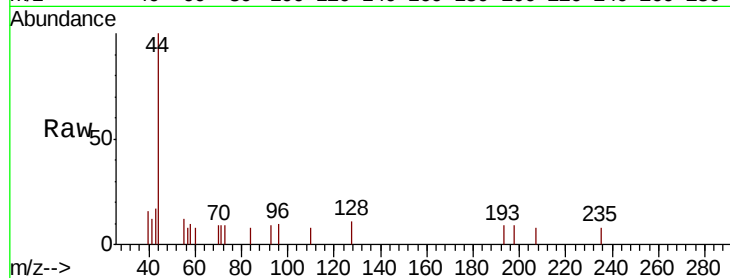
Tgt Ion:198 Resp: 58

Ion Ratio Lower Upper

198 100

51 0.0 35.9 75.9#

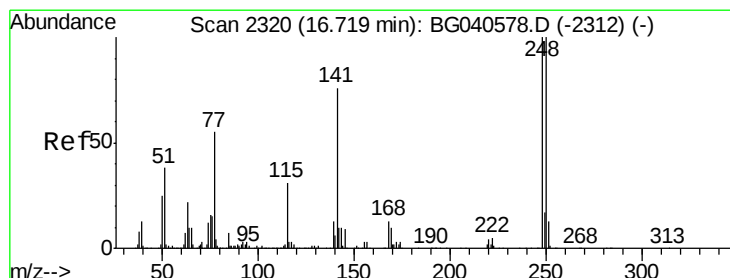
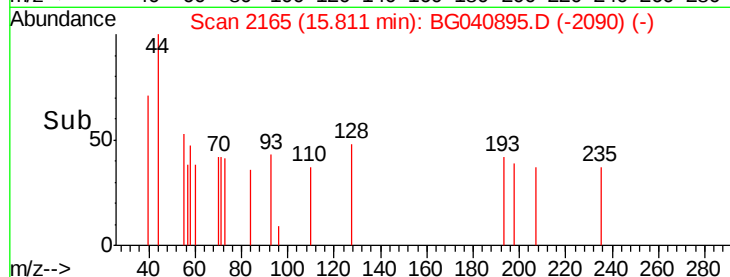
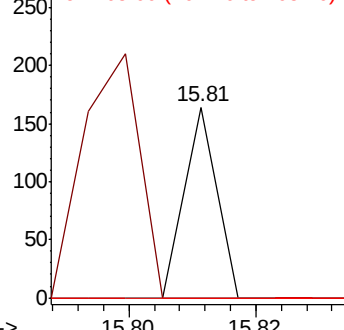
105 0.0 21.2 61.2#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 4.402 ng

RT: 16.25 min Scan# 2239

Delta R.T. -0.47 min

Lab File: BG040895.D

Acq: 12 May 2019 5:58

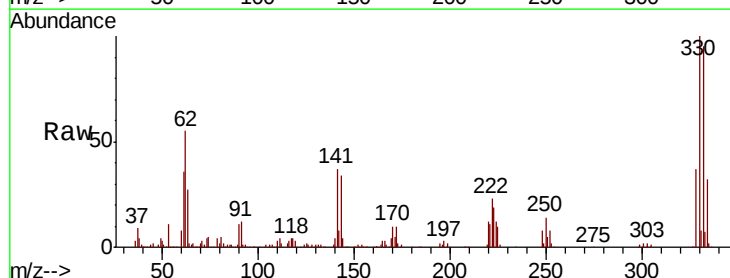
Tgt Ion:248 Resp: 24279

Ion Ratio Lower Upper

248 100

250 169.3 79.8 119.6#

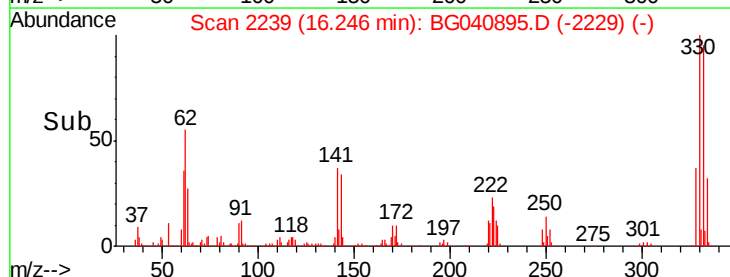
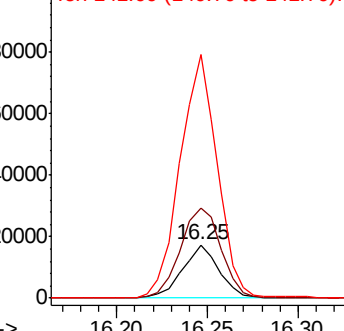
141 457.9 60.8 91.2#

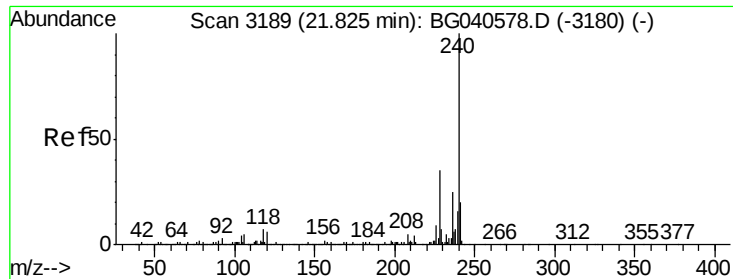


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3182

Delta R.T. -0.04 min

Lab File: BG040895.D

Acq: 12 May 2019 5:58

Instrument :

BNA_G

ClientSampleId :

P026-SS011-1824-01

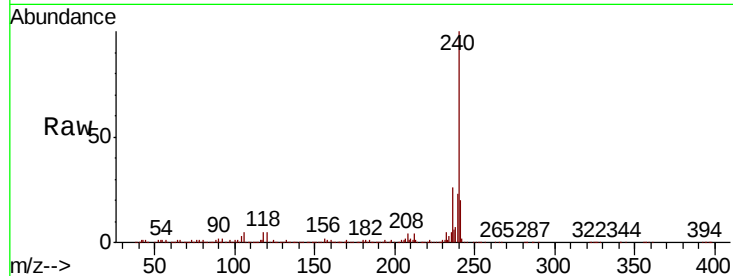
Tgt Ion:240 Resp: 445498

Ion Ratio Lower Upper

240 100

120 5.1 5.0 7.6

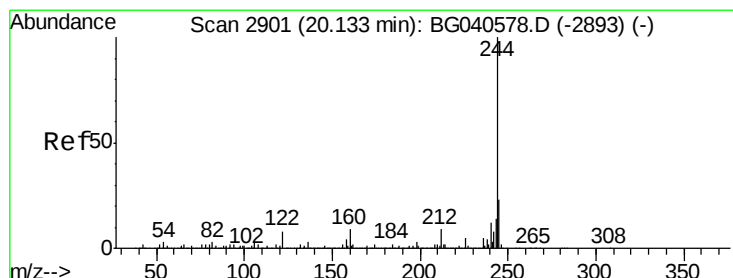
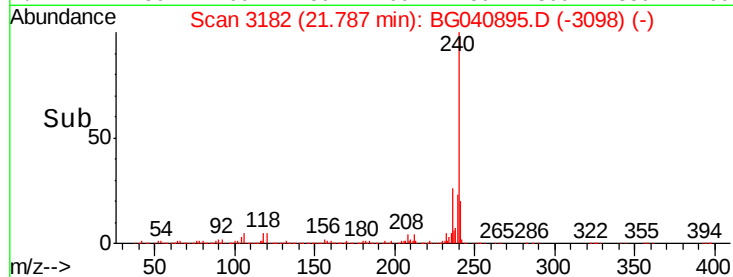
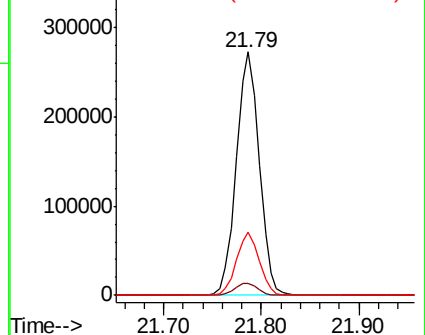
236 26.1 20.3 30.5



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: 71.395 ng

RT: 20.10 min Scan# 2895

Delta R.T. -0.03 min

Lab File: BG040895.D

Acq: 12 May 2019 5:58

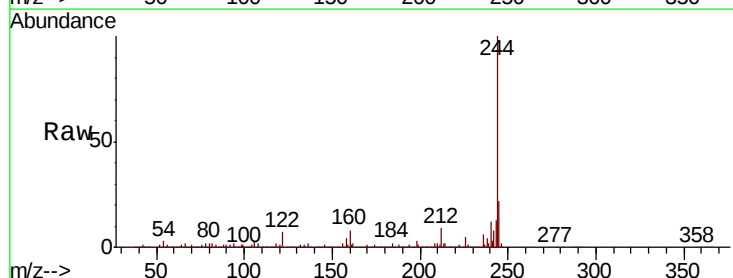
Tgt Ion:244 Resp: 1435682

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

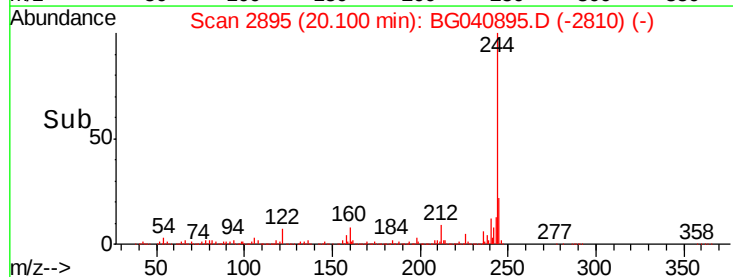
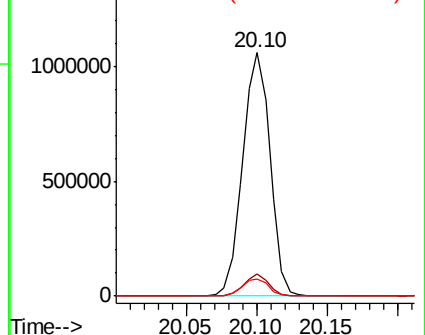
122 7.1 6.6 10.0

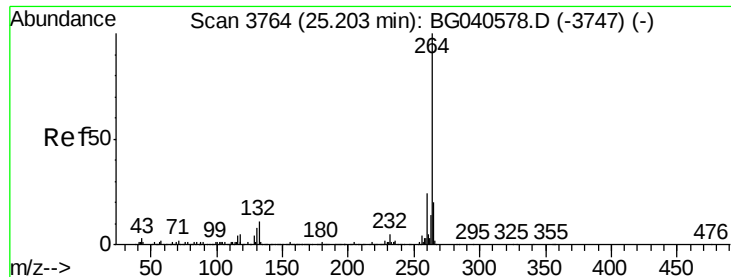


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

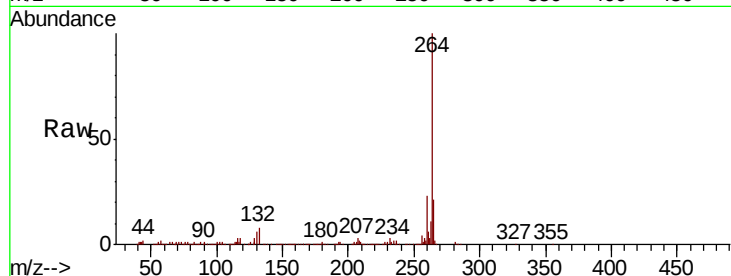




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.13 min Scan# 3751
Delta R.T. -0.07 min
Lab File: BG040895.D
Acq: 12 May 2019 5:58

Instrument :
BNA_G
ClientSampleId :
P026-SS011-1824-01

Tgt Ion:	264	Resp:	476064
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.5	16.6	25.0

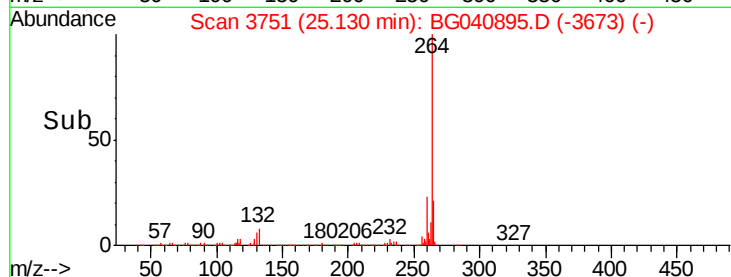
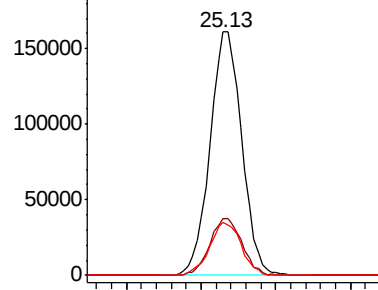


Abundance

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



Time-->