

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043896.D
 Acq On : 3 Jan 2020 20:34
 Operator : JU
 Sample : K6464-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-DUPLICATE

Quant Time: Jan 04 04:55:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

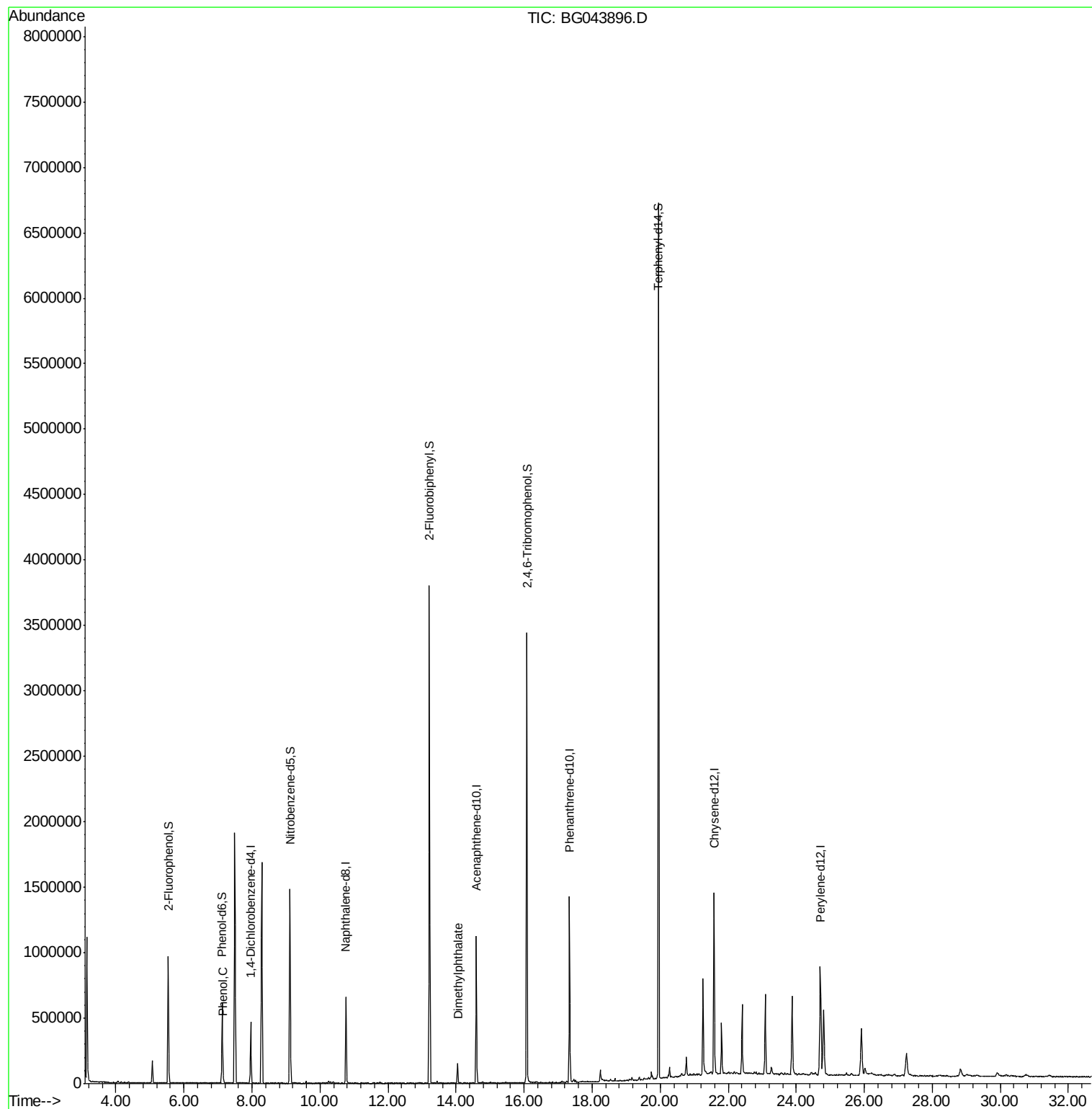
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	136013	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	578249	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	385549	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	860327	20.00	ng	0.00
76) Chrysene-d12	21.58	240	739732	20.00	ng	0.00
87) Perylene-d12	24.71	264	826468	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	436988	58.99	ng	0.00
7) Phenol-d6	7.12	99	380570	36.75	ng	0.00
23) Nitrobenzene-d5	9.12	82	901777	83.43	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	595673	147.64	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1936963	91.02	ng	0.00
79) Terphenyl-d14	19.95	244	2738923	90.90	ng	0.00
Target Compounds						
10) Phenol	7.15	94	29844	2.797	ng	90
50) Dimethylphthalate	14.05	163	103863	3.794	ng	# 95

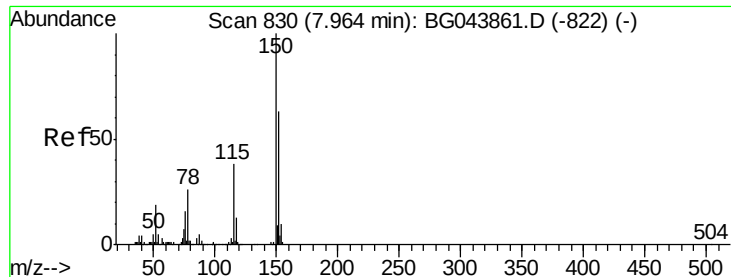
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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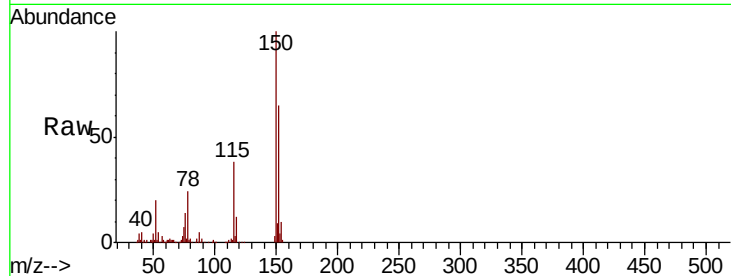


#1

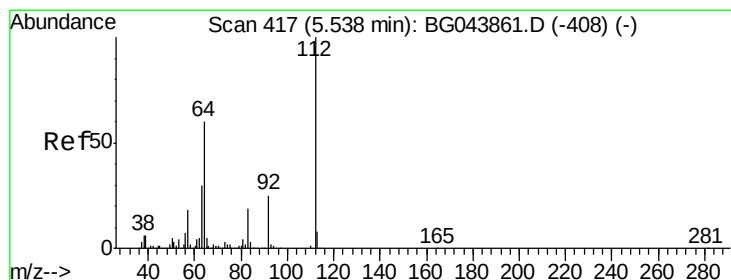
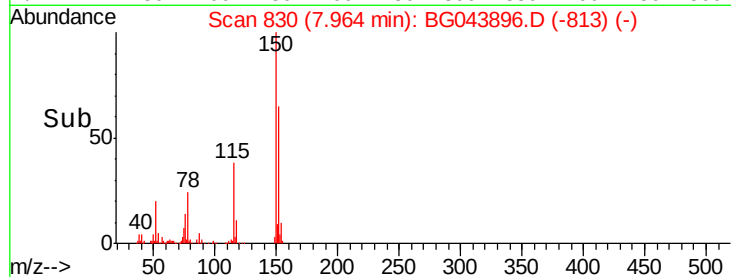
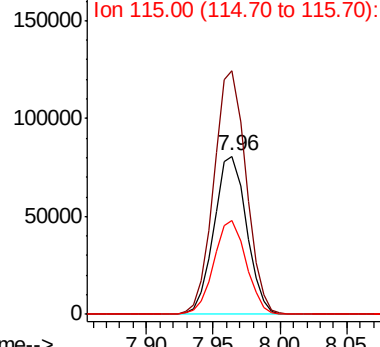
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG043896.D
Acq: 3 Jan 2020 20:34

Instrument :
BNA_G
ClientSampleId :
GW-DUPLICATE

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	127.0	190.4
115	59.0	47.8	71.8



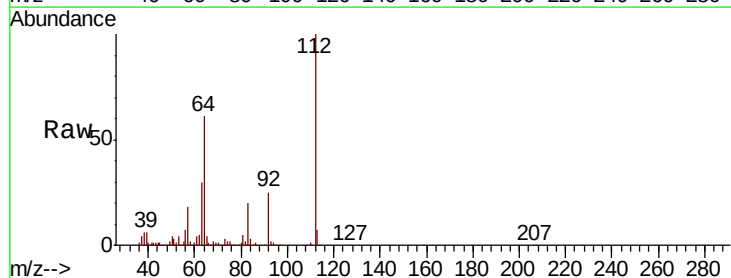
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



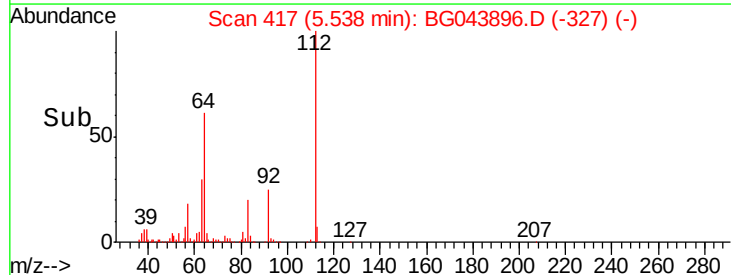
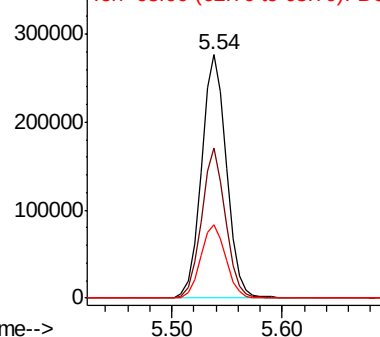
#5

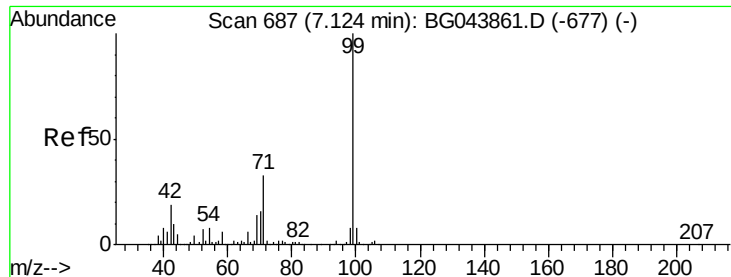
2-Fluorophenol
Concen: 58.992 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG043896.D
Acq: 3 Jan 2020 20:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	47.8	71.6
63	30.2	24.3	36.5



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: 36.754 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG043896.D

Acq: 3 Jan 2020 20:34

Instrument :

BNA_G

ClientSampleId :

GW-DUPLICATE

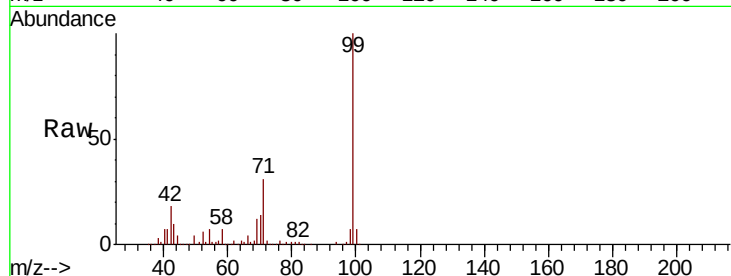
Tot Ion: 99 Resp: 380570

Ion Ratio Lower Upper

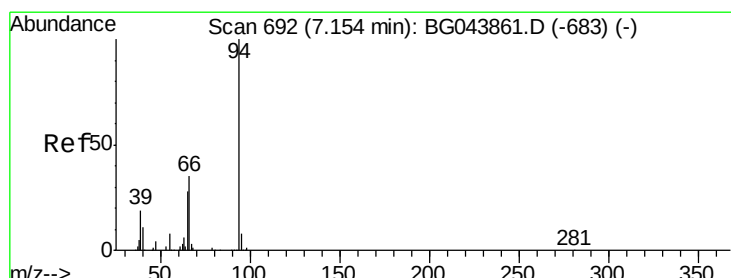
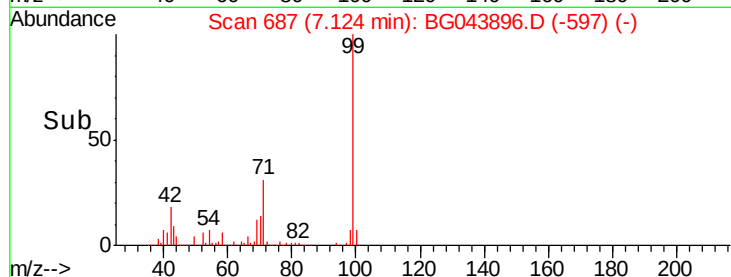
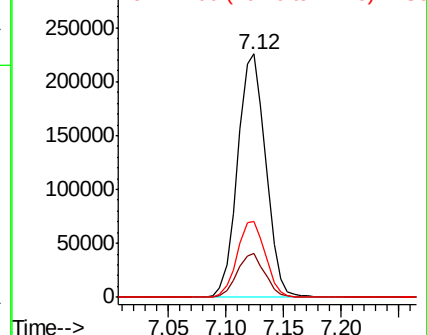
99 100

42 18.0 14.9 22.3

71 31.2 26.4 39.6



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: 2.797 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG043896.D

Acq: 3 Jan 2020 20:34

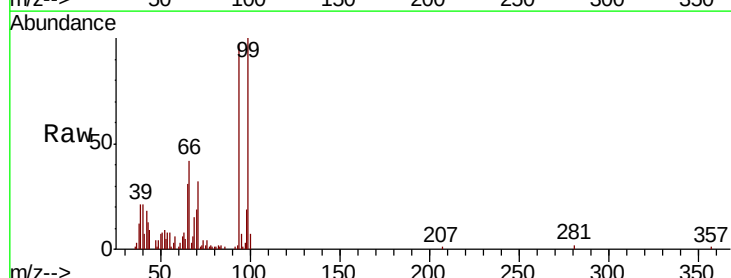
Tgt Ion: 94 Resp: 29844

Ion Ratio Lower Upper

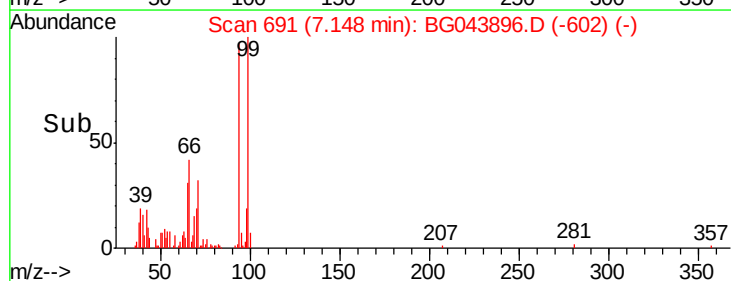
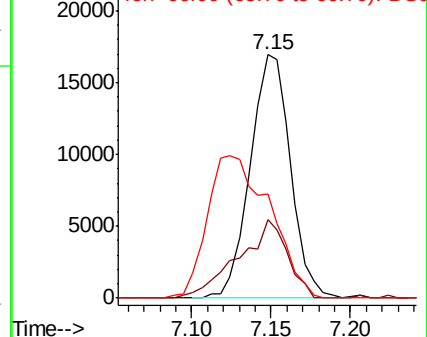
94 100

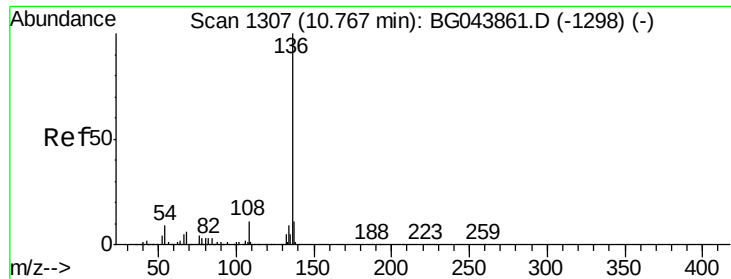
65 32.2 8.1 48.1

66 43.0 15.6 55.6



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

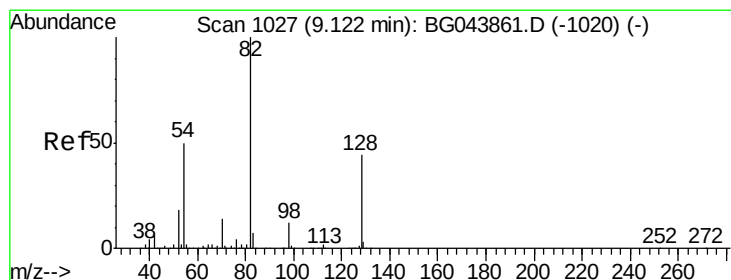
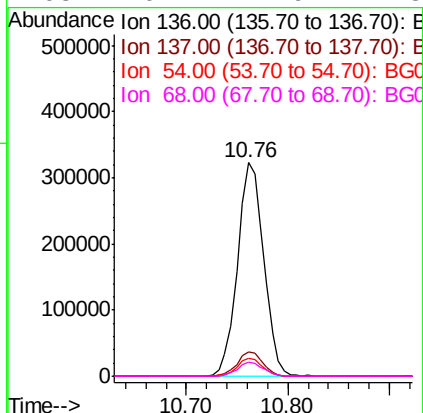
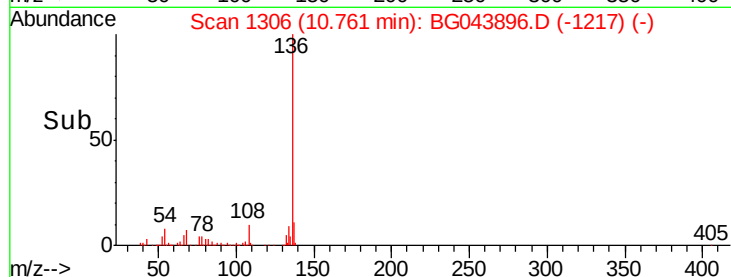
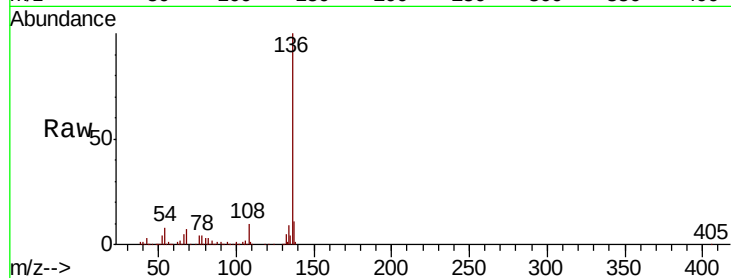




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG043896.D
Acq: 3 Jan 2020 20:34

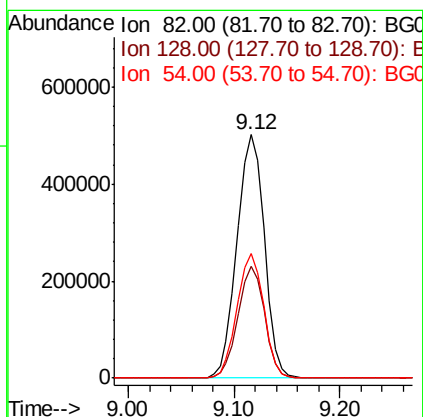
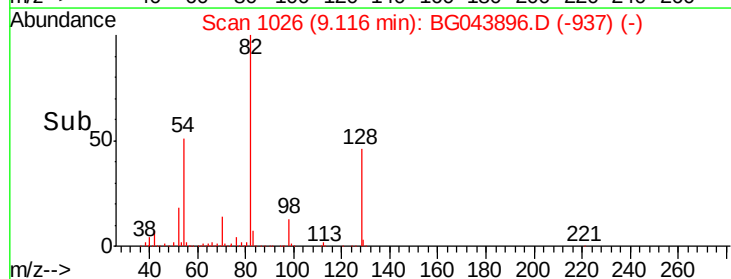
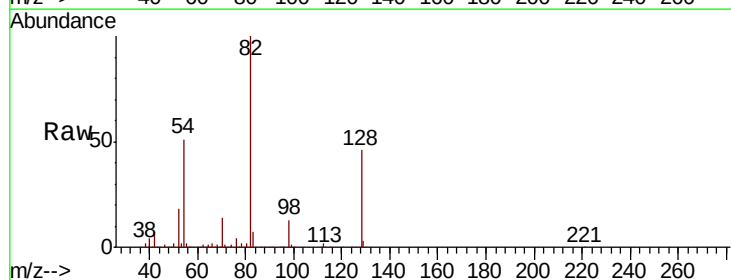
Instrument :
BNA_G
ClientSampleId :
GW-DUPLICATE

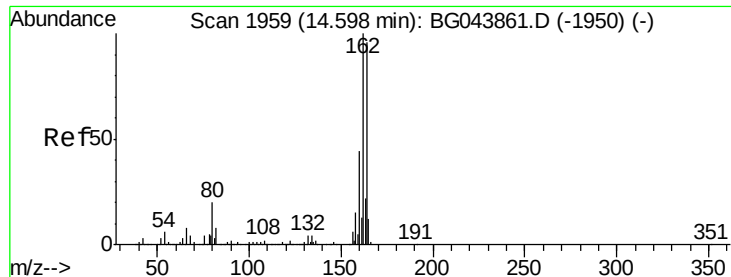
Tot Ion:136	Resp:	578249
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.8 13.2
54	8.2	7.0 10.4
68	6.7	4.9 7.3



#23
Nitrobenzene-d5
Concen: 83.427 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG043896.D
Acq: 3 Jan 2020 20:34

Tgt Ion: 82	Resp:	901777
Ion	Ratio	Lower Upper
82	100	
128	45.9	35.1 52.7
54	51.1	40.1 60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG043896.D

Acq: 3 Jan 2020 20:34

Instrument :

BNA_G

ClientSampleId :

GW-DUPLICATE

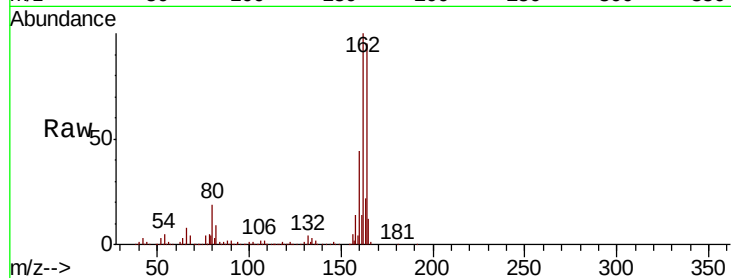
Tot Ion:164 Resp: 385549

Ion Ratio Lower Upper

164 100

162 105.8 83.0 124.4

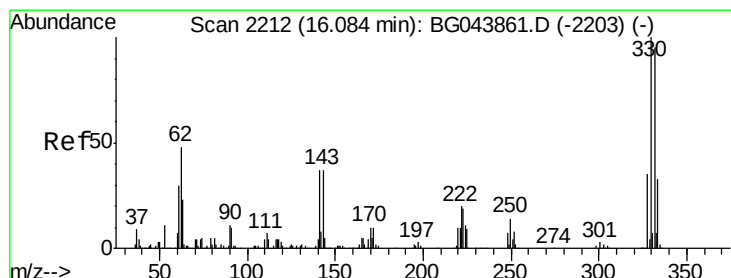
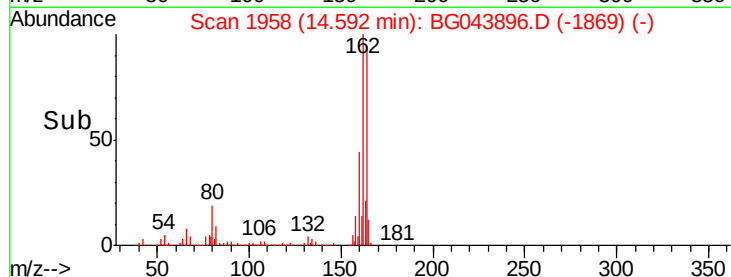
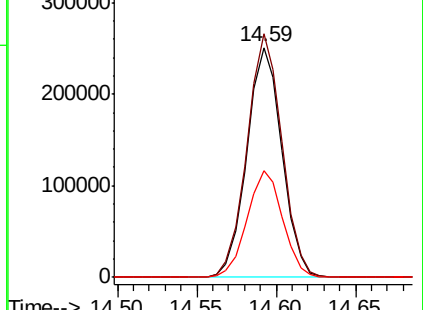
160 46.5 36.1 54.1



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: 147.638 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG043896.D

Acq: 3 Jan 2020 20:34

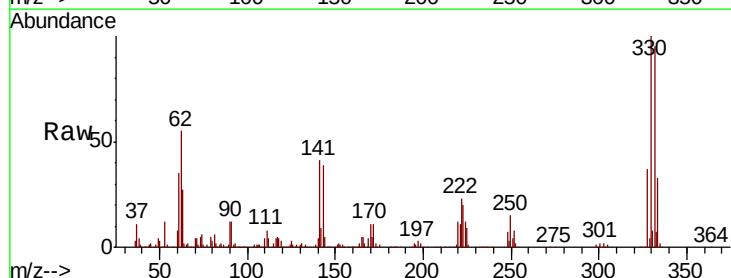
Tgt Ion:330 Resp: 595673

Ion Ratio Lower Upper

330 100

332 95.7 77.2 115.8

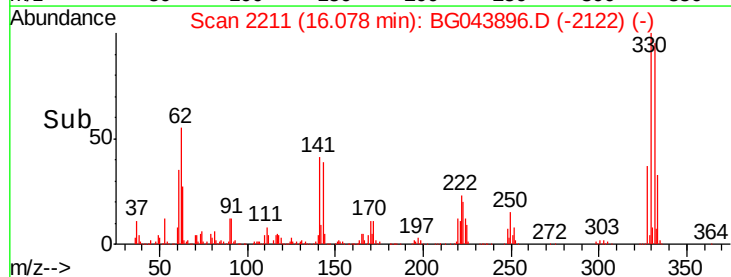
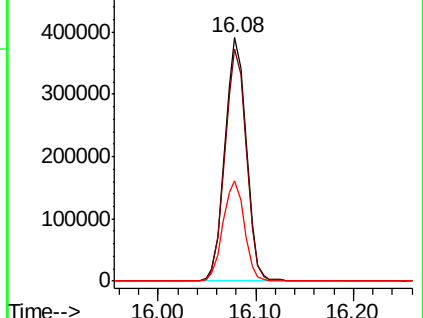
141 41.1 33.1 49.7

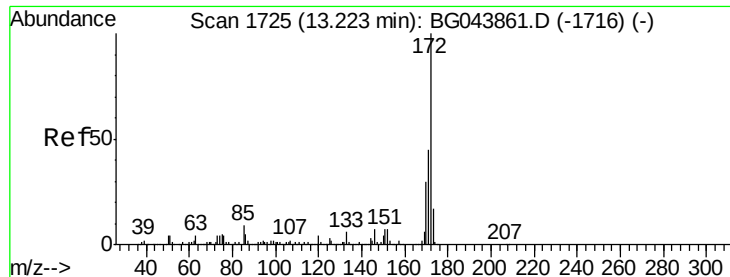


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

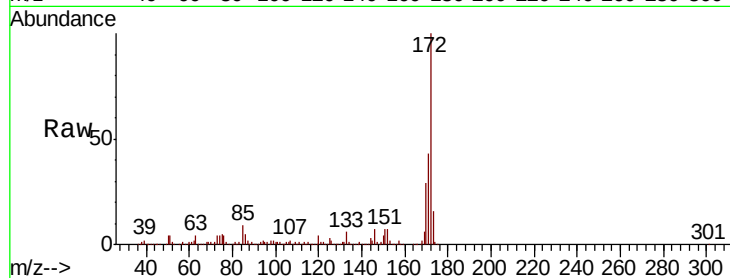




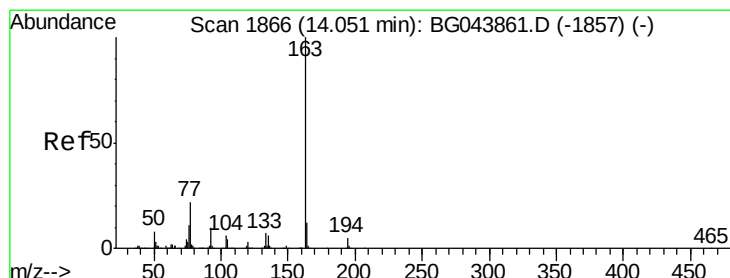
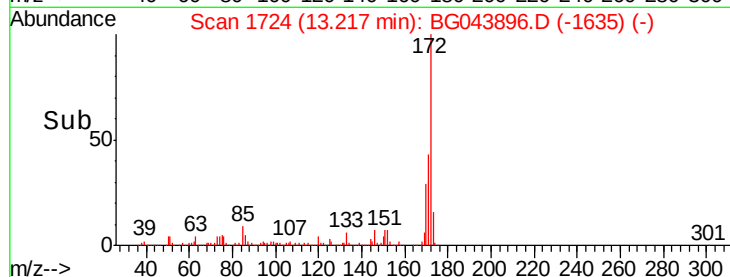
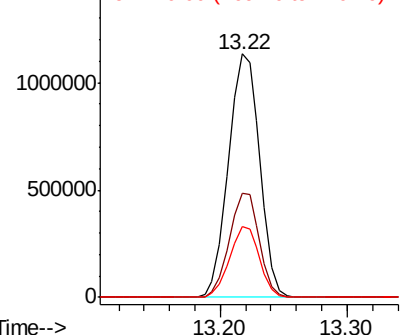
#45
 2-Fluorobiphenyl
 Concen: 91.022 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG043896.D
 Acq: 3 Jan 2020 20:34

Instrument :
 BNA_G
 ClientSampleId :
 GW-DUPLICATE

Tot Ion:172 Resp: 1936963
 Ion Ratio Lower Upper
 172 100
 171 43.0 35.8 53.8
 170 29.3 24.2 36.4

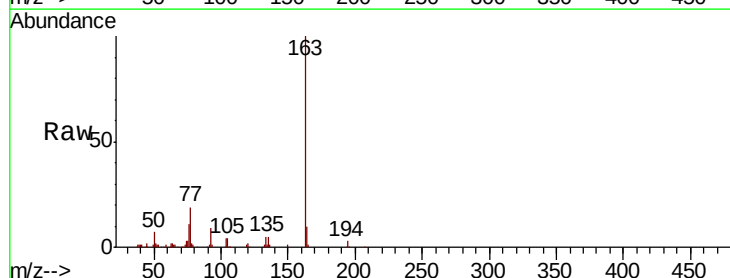


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

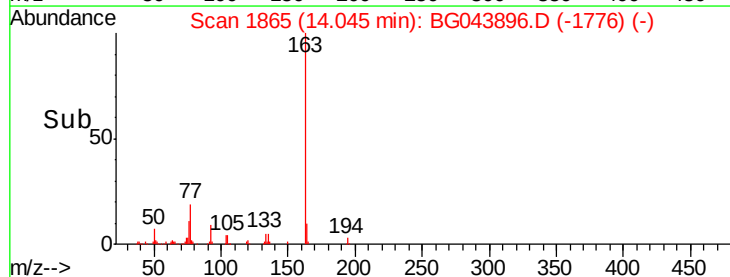
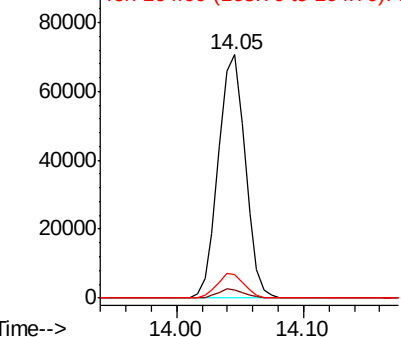


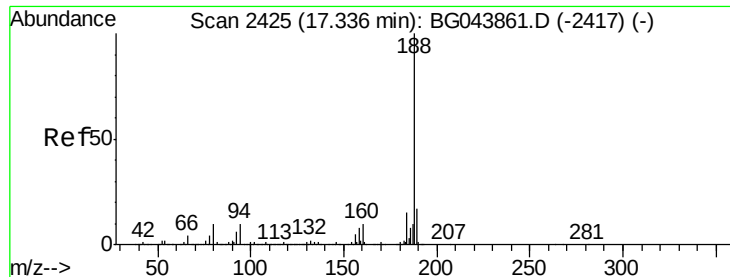
#50
 Dimethylphthalate
 Concen: 3.794 ng
 RT: 14.05 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BG043896.D
 Acq: 3 Jan 2020 20:34

Tgt Ion:163 Resp: 103863
 Ion Ratio Lower Upper
 163 100
 194 3.4 3.7 5.5#
 164 9.7 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

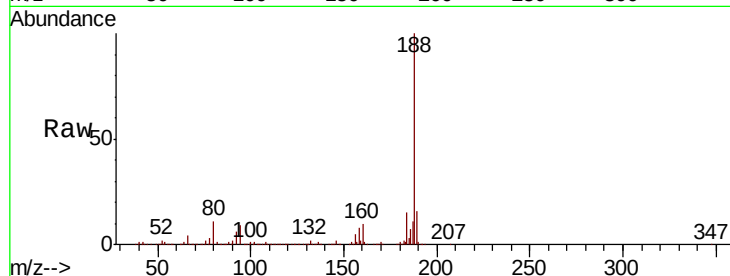




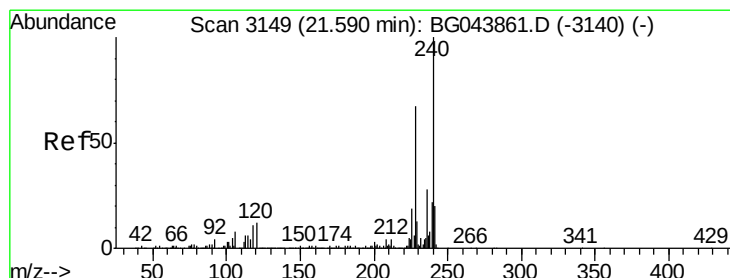
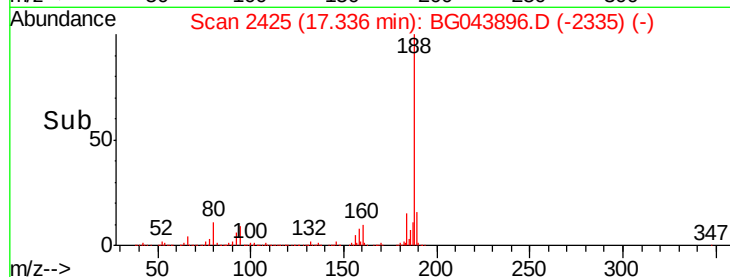
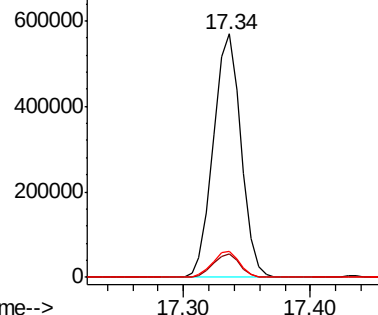
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG043896.D
Acq: 3 Jan 2020 20:34

Instrument :
BNA_G
ClientSampleId :
GW-DUPLICATE

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.9	11.9
80	10.6	8.2	12.4

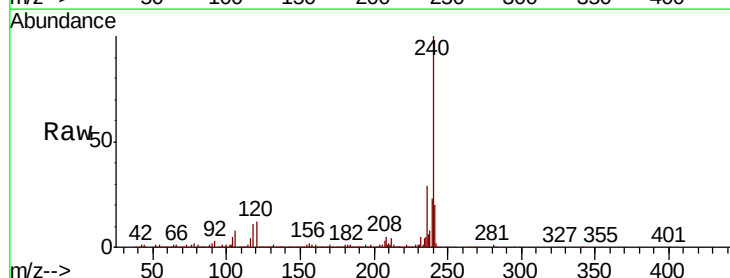


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

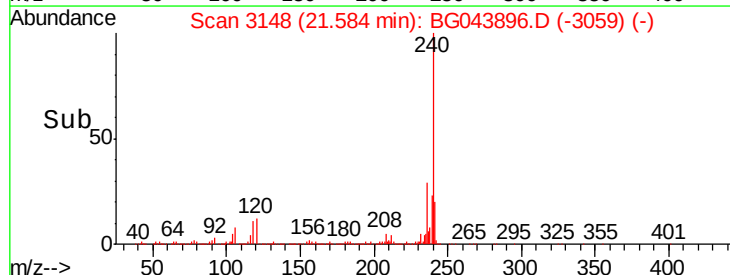
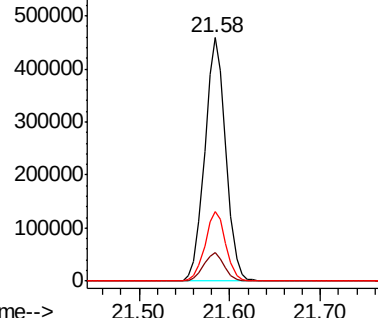


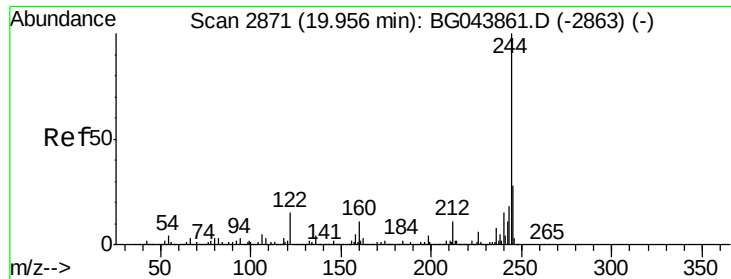
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG043896.D
Acq: 3 Jan 2020 20:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.6	14.4
236	28.7	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



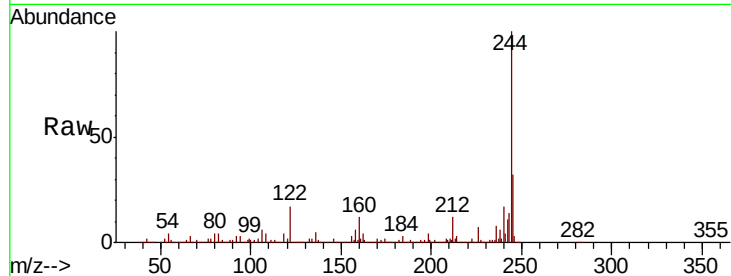


#79
 Terphenyl-d14
 Concen: 90.900 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.01 min
 Lab File: BG043896.D
 Acq: 3 Jan 2020 20:34

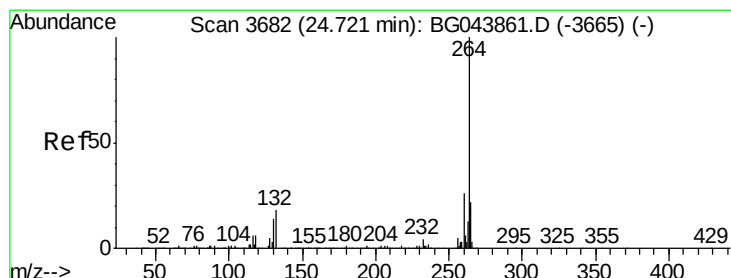
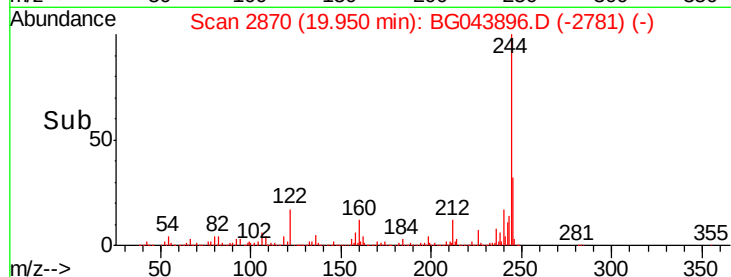
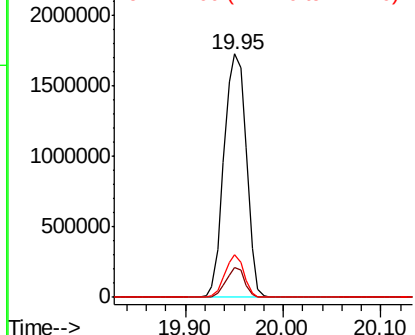
Instrument :
 BNA_G
 ClientSampleId :
 GW-DUPLICATE

Tot Ion:244 Resp: 2738923

Ion	Ratio	Lower	Upper
244	100		
212	12.4	8.6	13.0
122	17.5	11.9	17.9



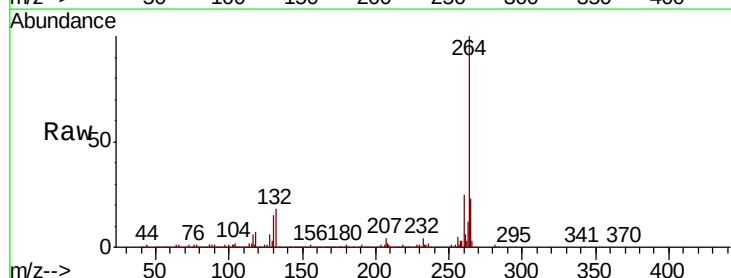
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.71 min Scan# 3680
 Delta R.T. -0.01 min
 Lab File: BG043896.D
 Acq: 3 Jan 2020 20:34

Tgt Ion:264 Resp: 826468

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.4	30.6
265	22.6	17.4	26.2



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

