

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
 Data File : BG043681.D
 Acq On : 18 Nov 2019 20:13
 Operator : JU
 Sample : K5833-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 8-(12-13)

Quant Time: Nov 19 02:42:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

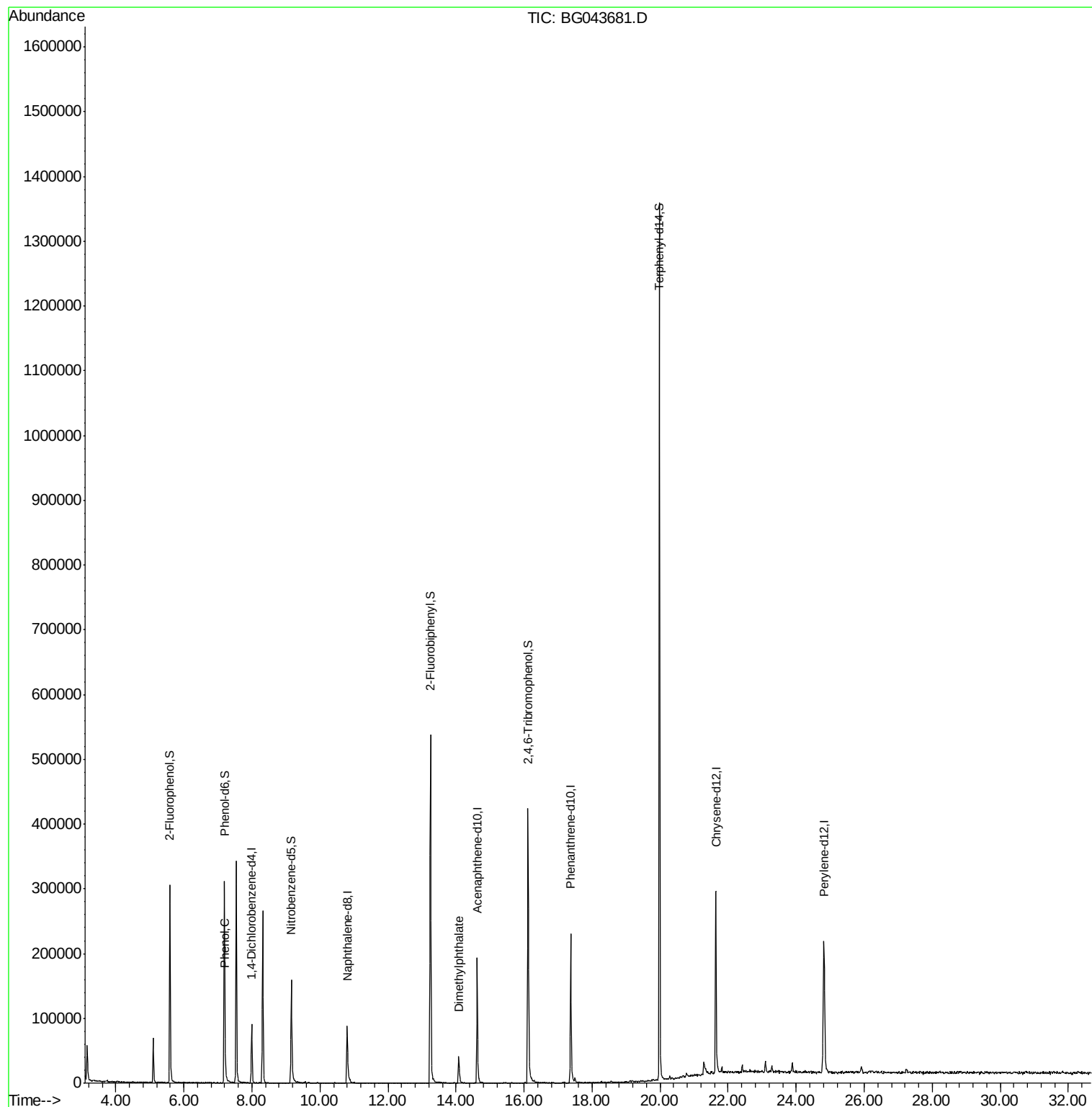
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27804	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	96933	20.00	ng	-0.02
39) Acenaphthene-d10	14.62	164	77906	20.00	ng	-0.02
64) Phenanthrene-d10	17.37	188	185379	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	209243	20.00	ng	-0.02
87) Perylene-d12	24.82	264	244917	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	144906	95.50	ng	0.00
7) Phenol-d6	7.19	99	199084	91.19	ng	0.00
23) Nitrobenzene-d5	9.16	82	120068	63.86	ng	-0.02
42) 2,4,6-Tribromophenol	16.11	330	114470	77.21	ng	-0.02
45) 2-Fluorobiphenyl	13.25	172	342994	60.84	ng	-0.02
79) Terphenyl-d14	19.98	244	739183	66.27	ng	-0.02
Target Compounds						
10) Phenol	7.21	94	6202	3.109	ng	# 64
50) Dimethylphthalate	14.08	163	42815	7.095	ng	# 96

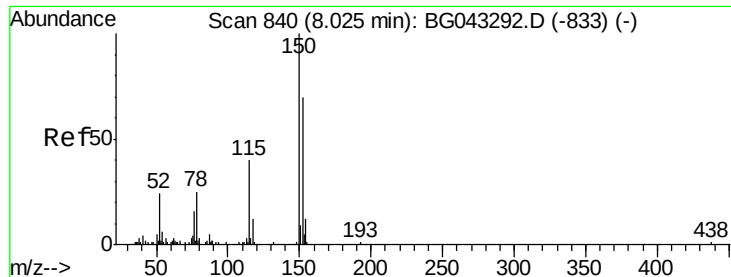
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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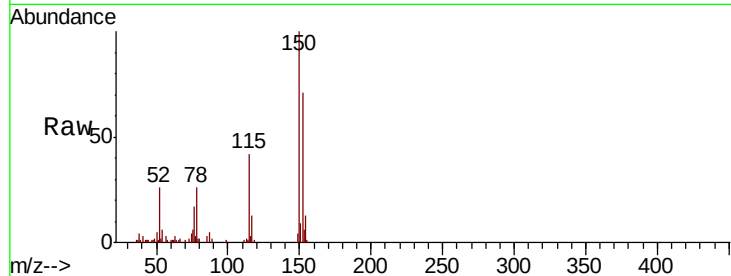


#1

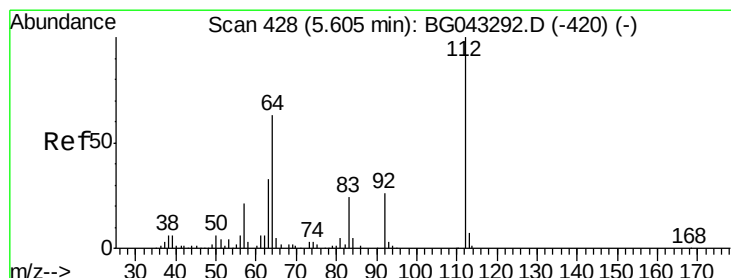
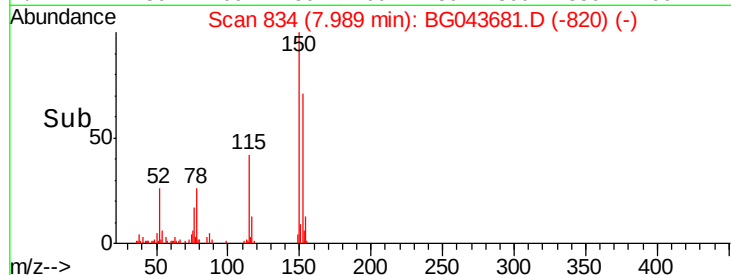
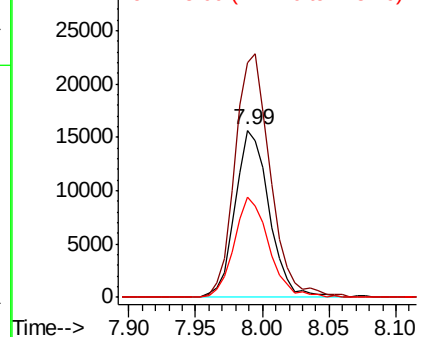
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG043681.D
Acq: 18 Nov 2019 20:13

Instrument :
BNA_G
ClientSampleId :
8-(12-13)

Tot Ion:152 Resp: 27804
Ion Ratio Lower Upper
152 100
150 140.9 129.4 194.0
115 59.9 48.8 73.2



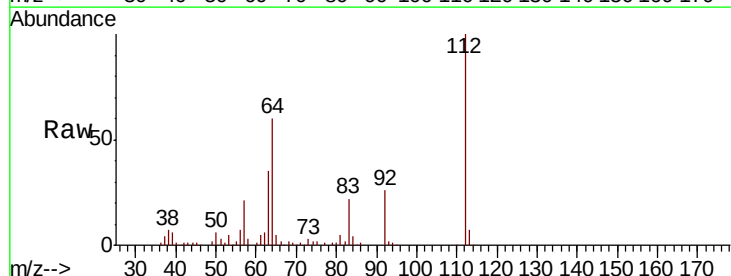
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



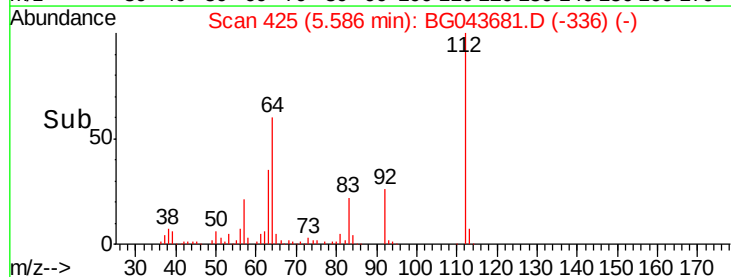
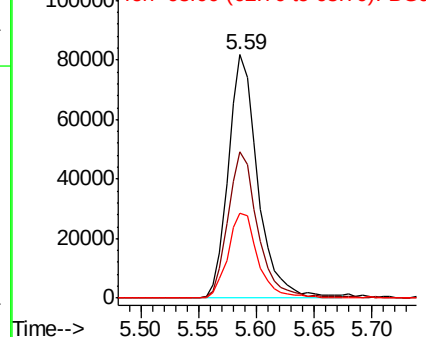
#5

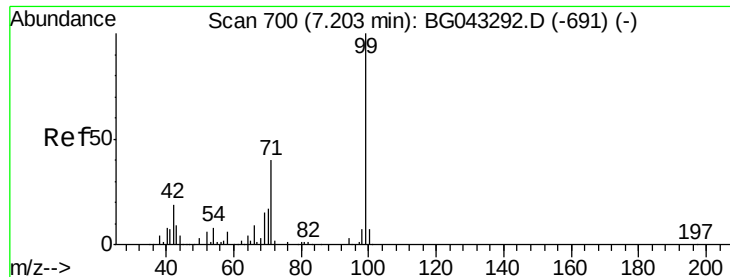
2-Fluorophenol
Concen: 95.502 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.01 min
Lab File: BG043681.D
Acq: 18 Nov 2019 20:13

Tgt Ion:112 Resp: 144906
Ion Ratio Lower Upper
112 100
64 59.9 50.0 75.0
63 35.1 26.6 40.0



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: 91.195 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043681.D

Acq: 18 Nov 2019 20:13

Instrument :

BNA_G

ClientSampleId :

8-(12-13)

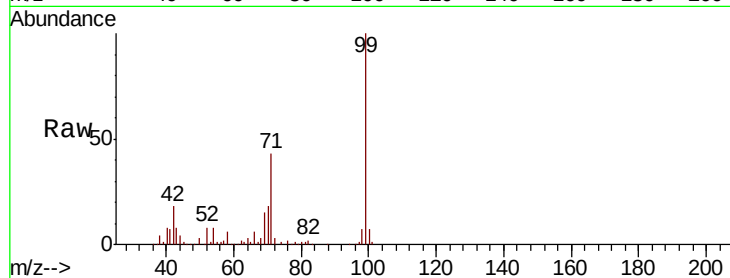
Tot Ion: 99 Resp: 199084

Ion Ratio Lower Upper

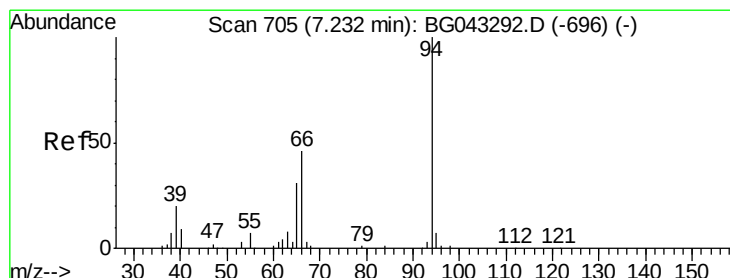
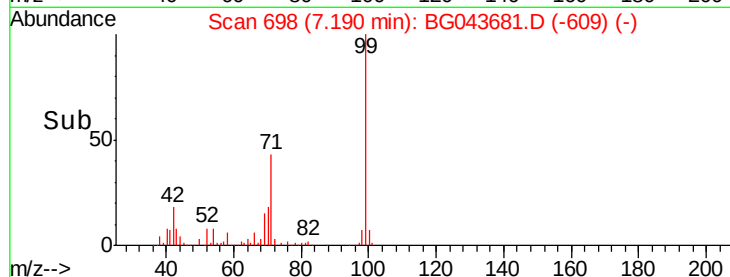
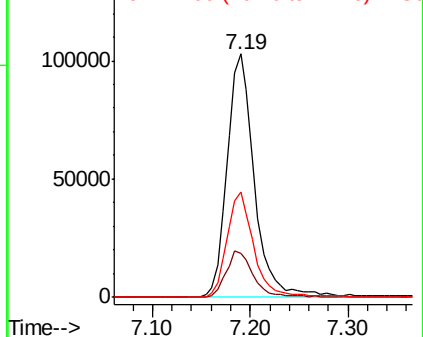
99 100

42 18.0 14.6 21.8

71 43.2 32.5 48.7



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: 3.109 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG043681.D

Acq: 18 Nov 2019 20:13

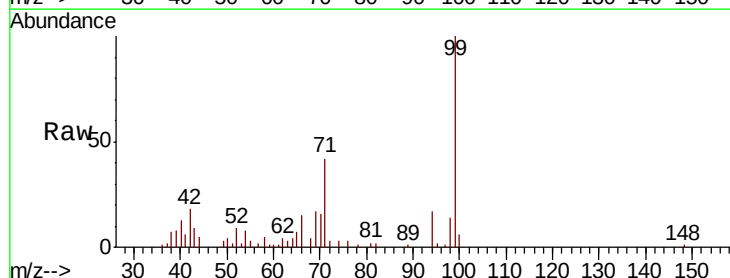
Tgt Ion: 94 Resp: 6202

Ion Ratio Lower Upper

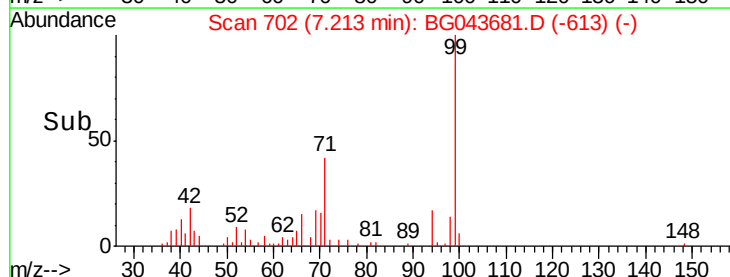
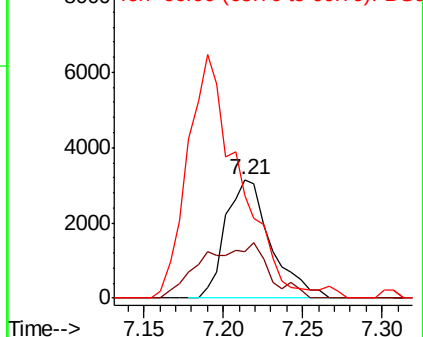
94 100

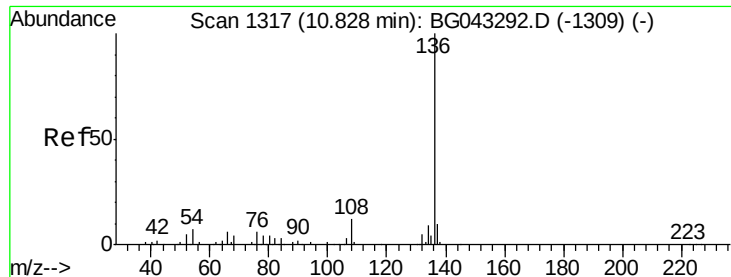
65 39.4 12.6 52.6

66 86.6 30.7 70.7#



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

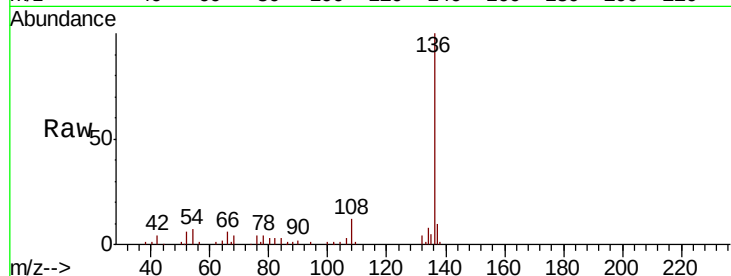




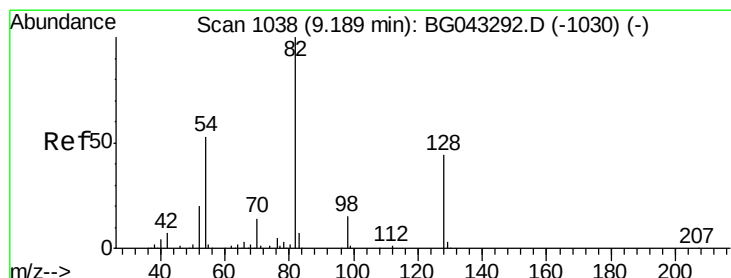
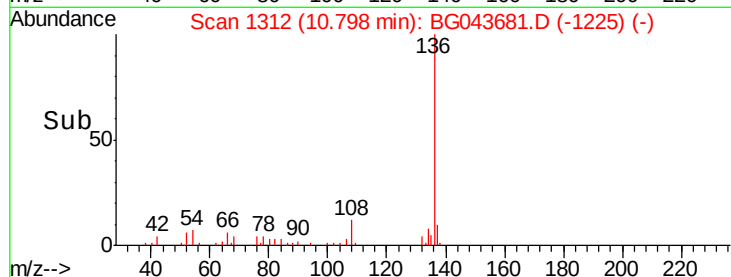
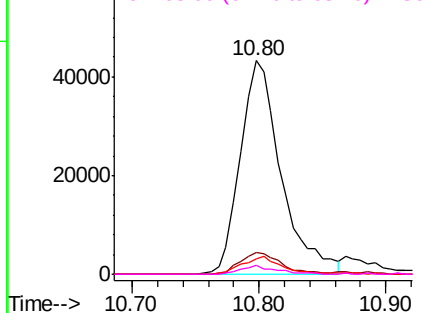
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG043681.D
Acq: 18 Nov 2019 20:13

Instrument :
BNA_G
ClientSampleId :
8-(12-13)

Tot Ion:136	Resp:	96933	
Ion Ratio	Lower	Upper	
136 100			
137 10.2	8.7	13.1	
54 7.0	5.4	8.2	
68 4.2	3.0	4.4	

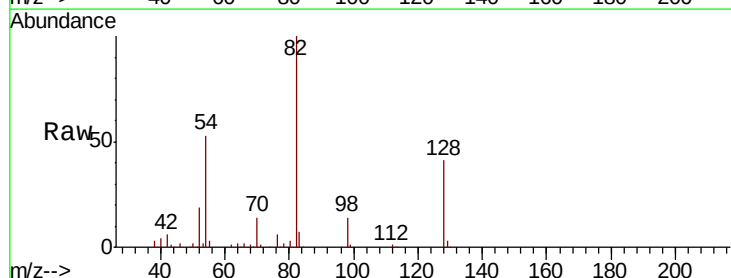


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

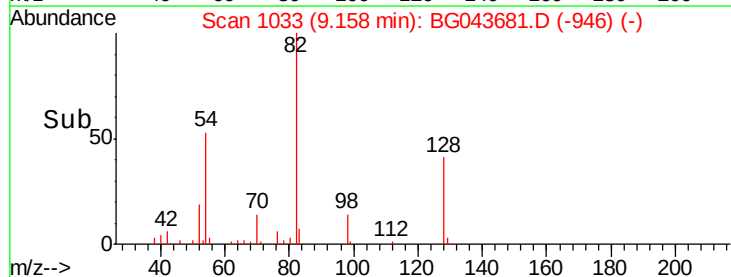
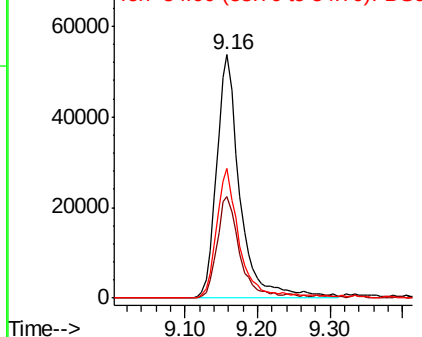


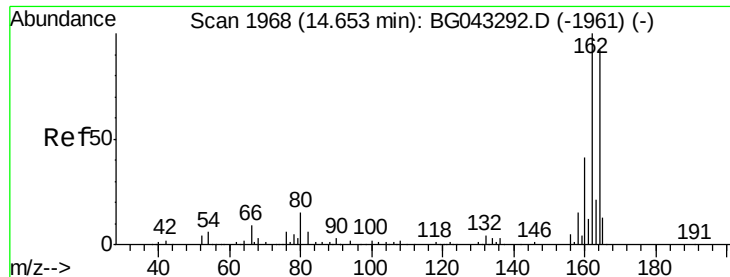
#23
Nitrobenzene-d5
Concen: 63.859 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043681.D
Acq: 18 Nov 2019 20:13

Tgt	Ion: 82	Resp:	120068
Ion	Ratio	Lower	Upper
82	100		
128	41.5	35.0	52.6
54	53.4	40.2	60.2



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: 14.62 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BG043681.D

Acq: 18 Nov 2019 20:13

Instrument :

BNA_G

ClientSampleId :

8-(12-13)

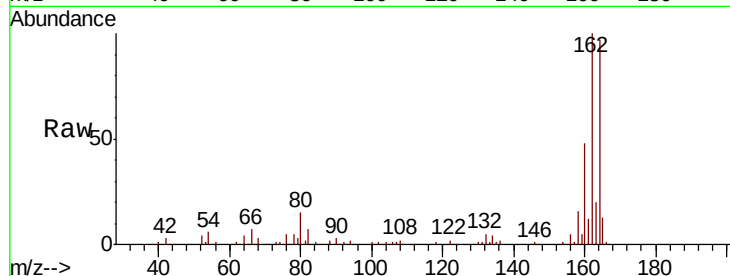
Tot Ion:164 Resp: 77906

Ion Ratio Lower Upper

164 100

162 103.2 83.5 125.3

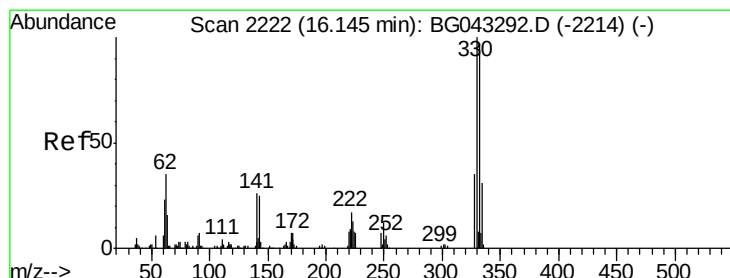
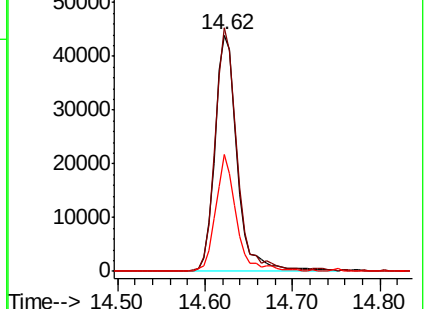
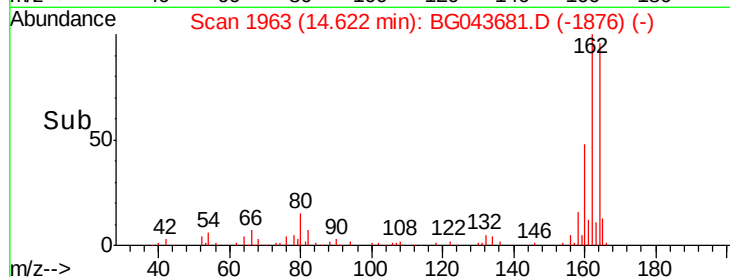
160 49.5 36.5 54.7



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: 77.211 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.02 min

Lab File: BG043681.D

Acq: 18 Nov 2019 20:13

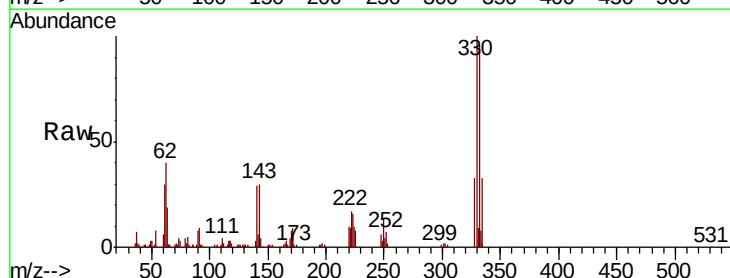
Tgt Ion:330 Resp: 114470

Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.0

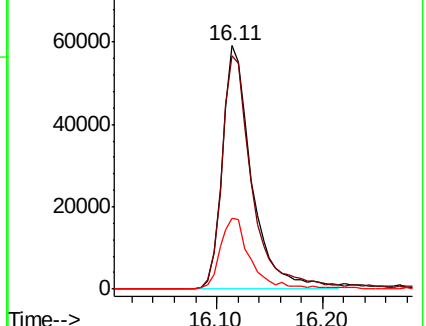
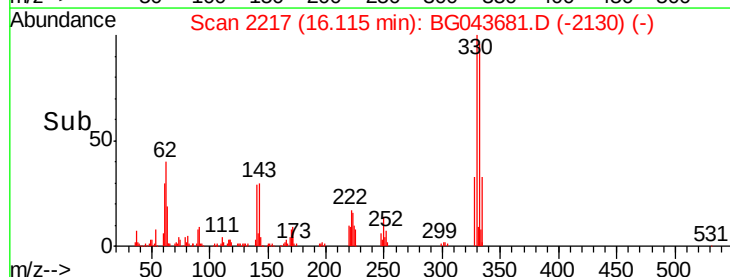
141 30.0 22.8 34.2

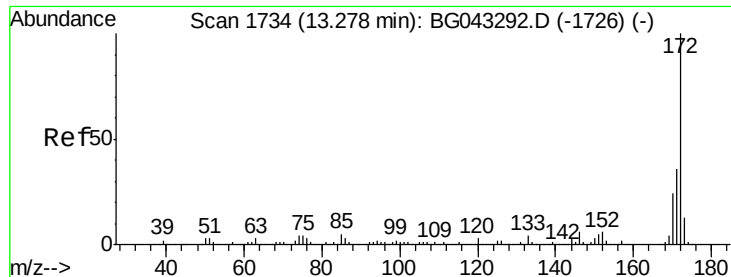


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

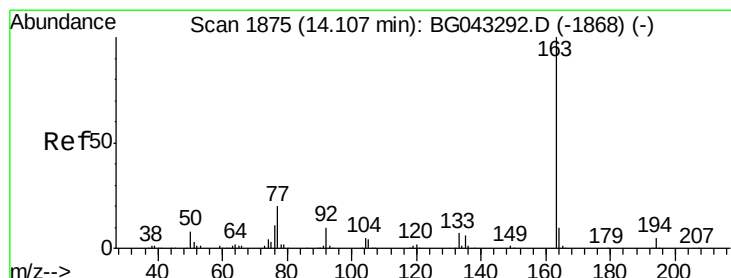
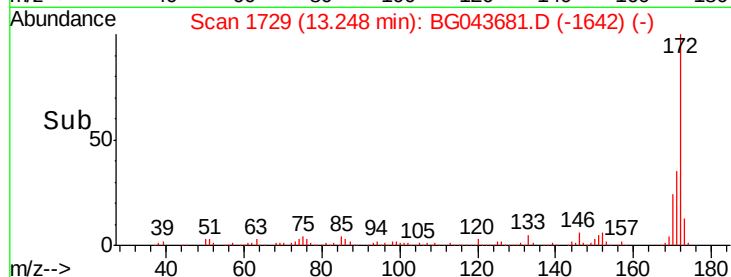
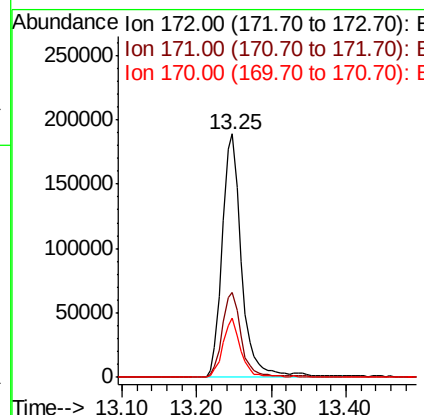
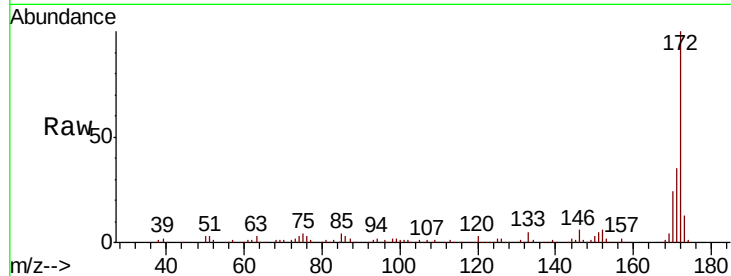




#45
 2-Fluorobiphenyl
 Concen: 60.836 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG043681.D
 Acq: 18 Nov 2019 20:13

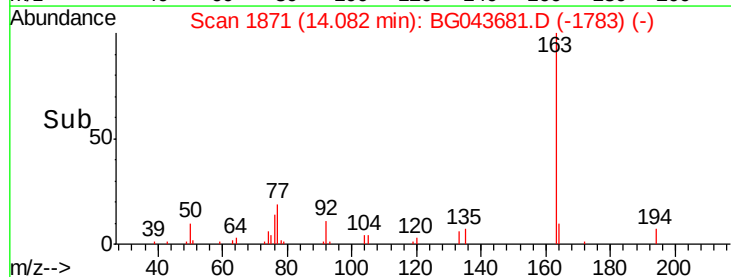
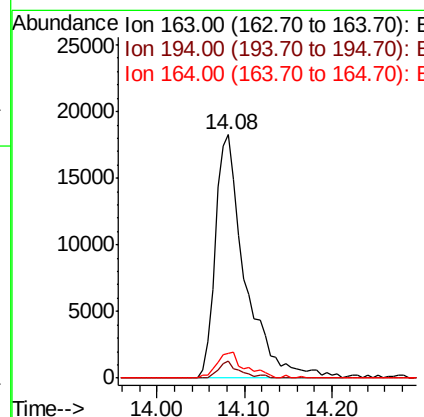
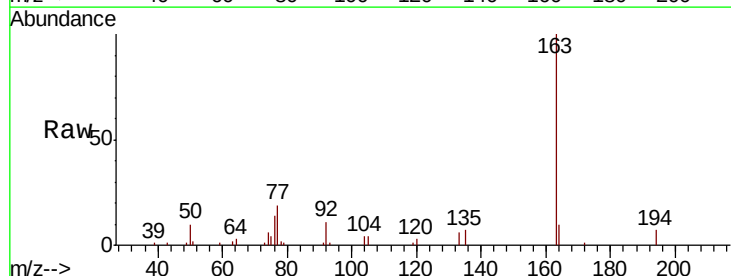
Instrument :
 BNA_G
 ClientSampleId :
 8-(12-13)

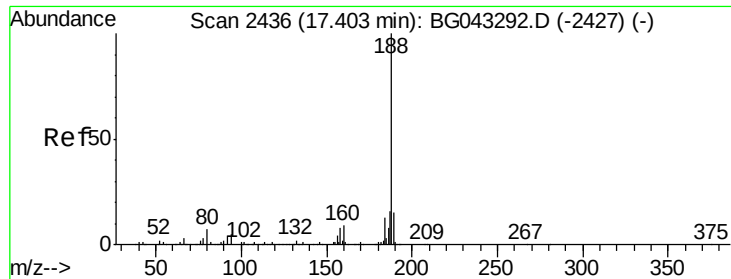
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.9	43.3
170	24.3	18.5	27.7



#50
 Dimethylphthalate
 Concen: 7.095 ng
 RT: 14.08 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BG043681.D
 Acq: 18 Nov 2019 20:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.9	3.8	5.6#
164	10.0	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG043681.D

Acq: 18 Nov 2019 20:13

Instrument :

BNA_G

ClientSampleId :

8-(12-13)

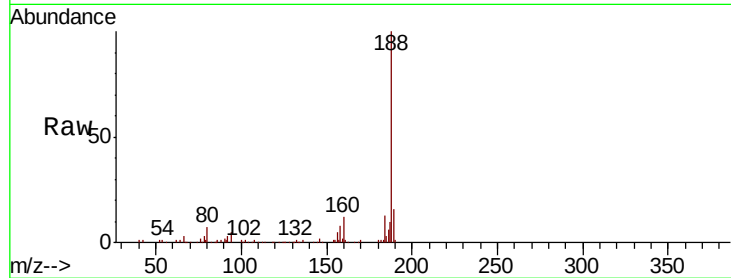
Tot Ion:188 Resp: 185379

Ion Ratio Lower Upper

188 100

94 5.5 4.2 6.4

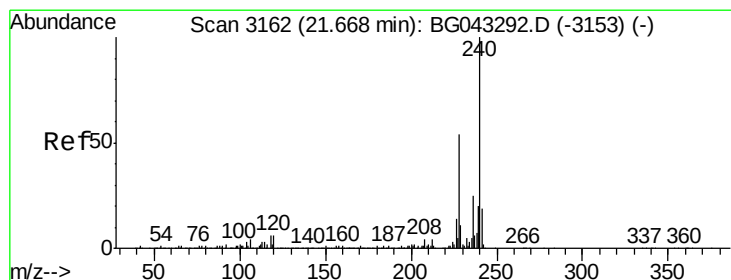
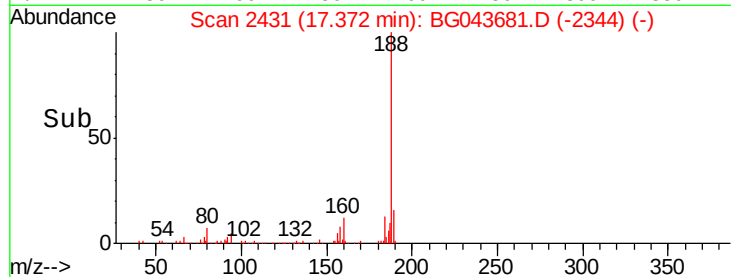
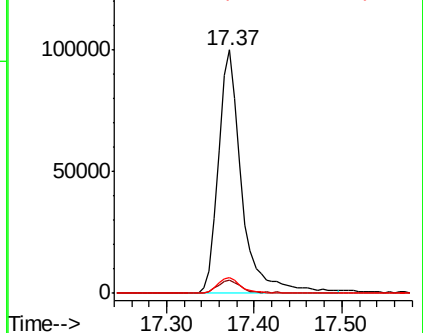
80 6.5 4.5 6.7



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: 21.64 min Scan# 3157

Delta R.T. -0.02 min

Lab File: BG043681.D

Acq: 18 Nov 2019 20:13

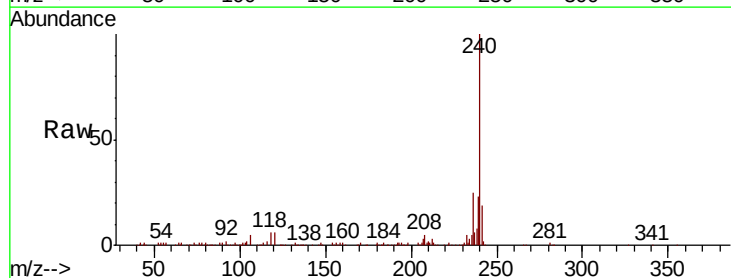
Tgt Ion:240 Resp: 209243

Ion Ratio Lower Upper

240 100

120 5.5 4.6 6.8

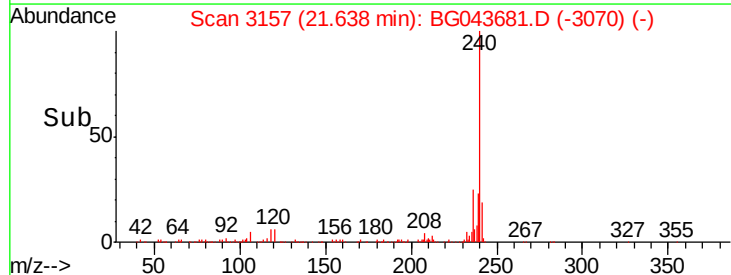
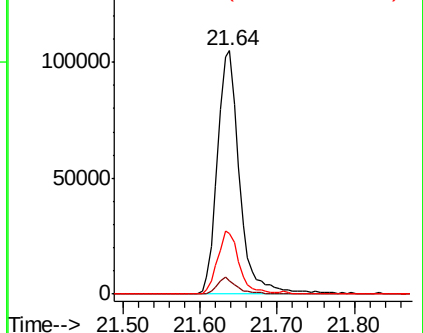
236 24.8 19.8 29.8

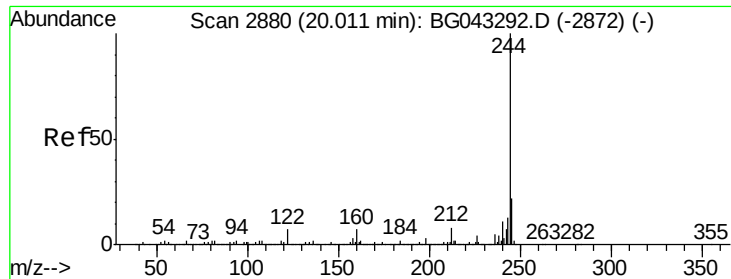


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 66.275 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.02 min

Lab File: BG043681.D

Acq: 18 Nov 2019 20:13

Instrument :

BNA_G

ClientSampleId :

8-(12-13)

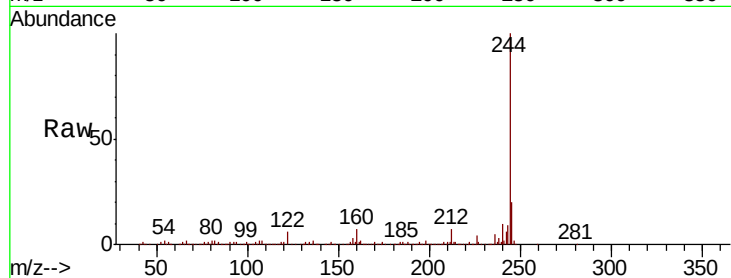
Tot Ion:244 Resp: 739183

Ion Ratio Lower Upper

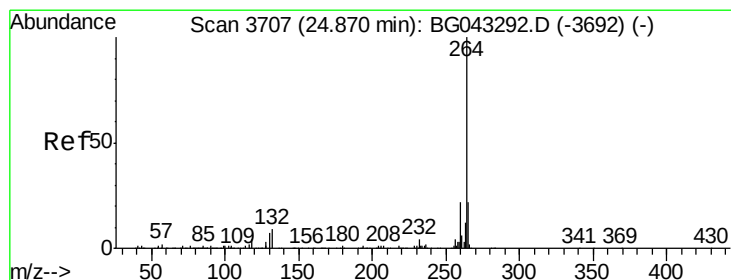
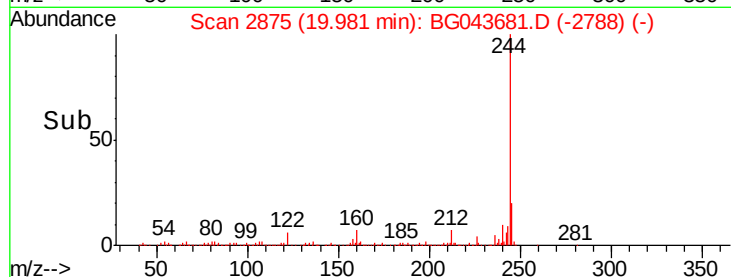
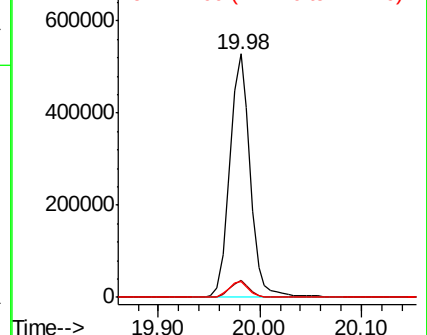
244 100

212 7.0 5.8 8.6

122 6.3 5.4 8.2



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: 24.82 min Scan# 3698

Delta R.T. -0.04 min

Lab File: BG043681.D

Acq: 18 Nov 2019 20:13

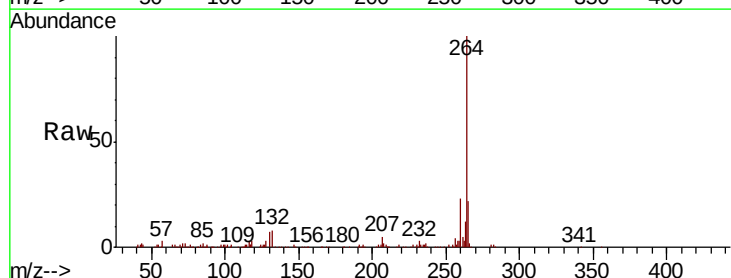
Tgt Ion:264 Resp: 244917

Ion Ratio Lower Upper

264 100

260 23.1 17.5 26.3

265 22.0 17.4 26.0



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

