

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043607.D
 Acq On : 12 Nov 2019 7:24
 Operator : JU
 Sample : K5762-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HP-640-X

Quant Time: Nov 12 10:19:02 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

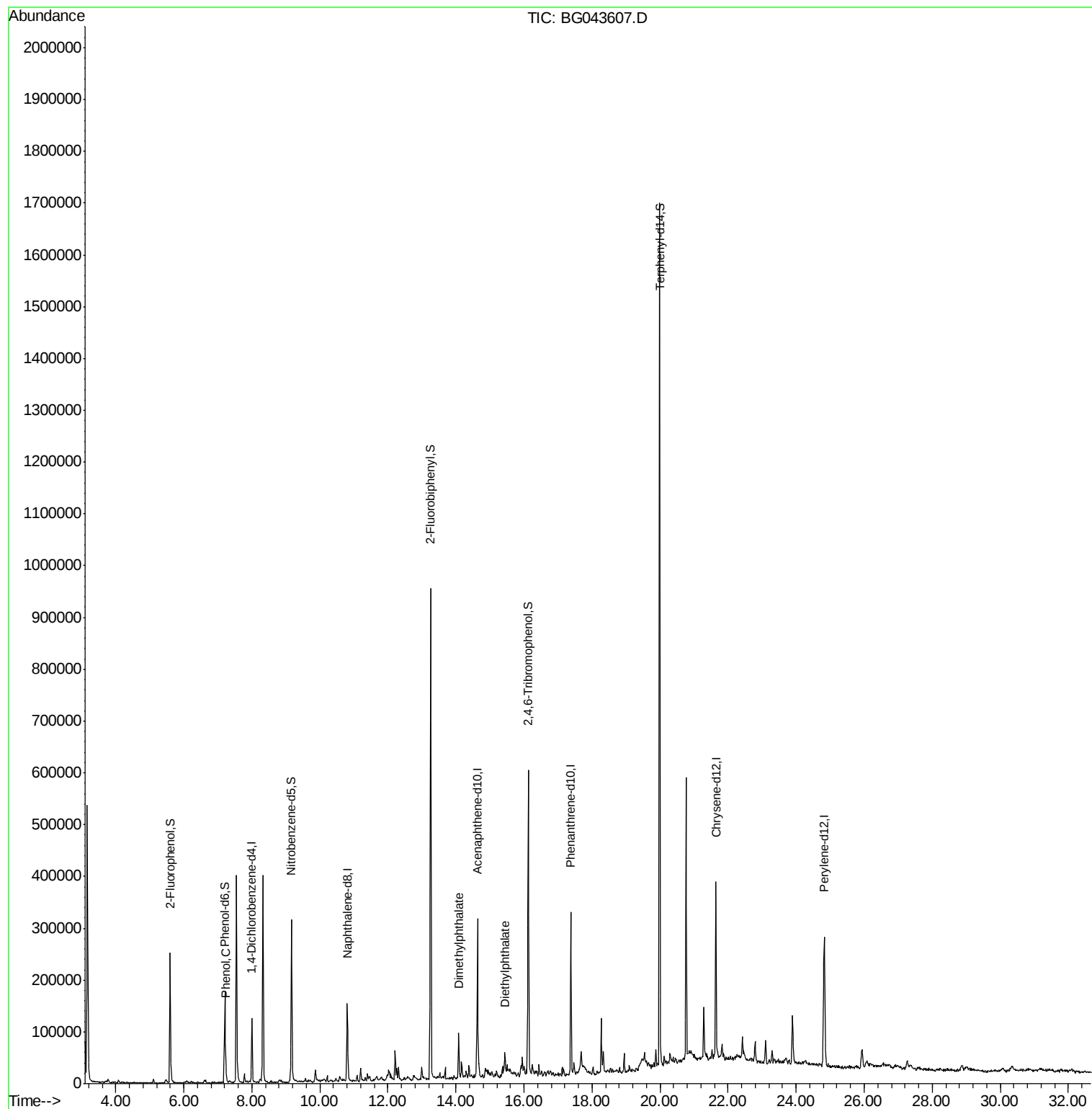
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	36248	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	136838	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	101020	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	215828	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	214653	20.00	ng	-0.02
87) Perylene-d12	24.82	264	255505	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	122390	61.87	ng	0.00
7) Phenol-d6	7.20	99	114473	40.22	ng	0.00
23) Nitrobenzene-d5	9.17	82	200992	75.72	ng	-0.01
42) 2,4,6-Tribromophenol	16.12	330	132459	68.90	ng	-0.01
45) 2-Fluorobiphenyl	13.26	172	526897	72.07	ng	-0.01
79) Terphenyl-d14	19.99	244	878990	76.82	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	17314	6.657	ng	92
50) Dimethylphthalate	14.08	163	56678	7.243	ng	96
60) Diethylphthalate	15.44	149	20662	2.628	ng	99

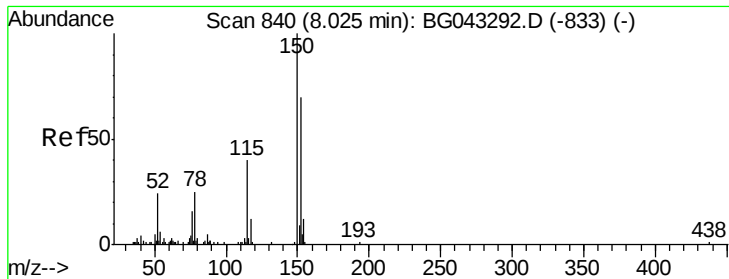
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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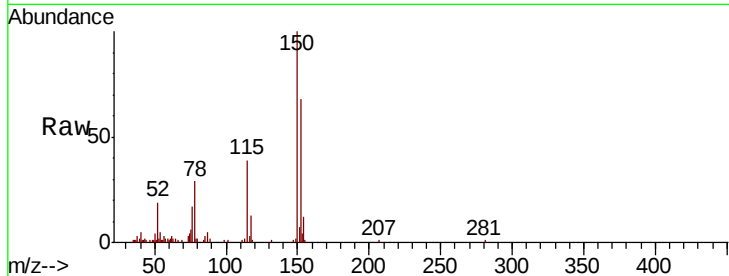


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043607.D
Acq: 12 Nov 2019 7:24

Instrument :
BNA_G
ClientSampleId :
HP-640-X

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	129.4	194.0
115	57.6	48.8	73.2

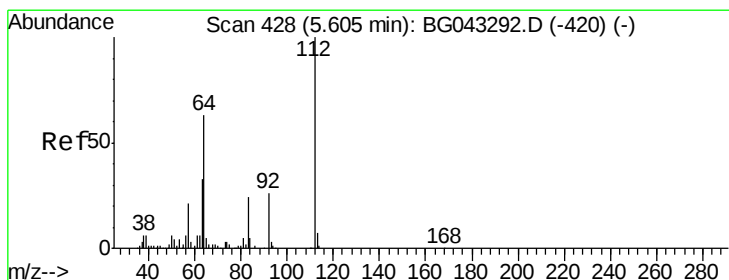
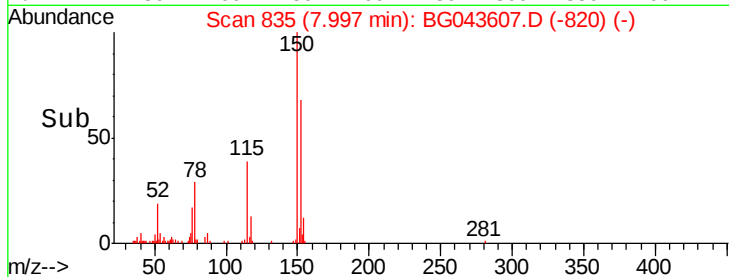
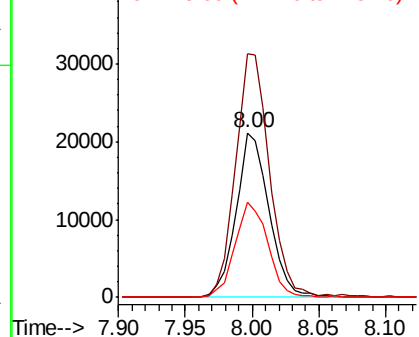


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

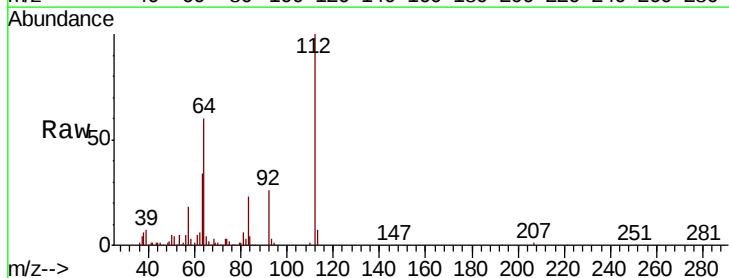
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 61.872 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG043607.D
Acq: 12 Nov 2019 7:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	50.0	75.0
63	34.2	26.6	40.0

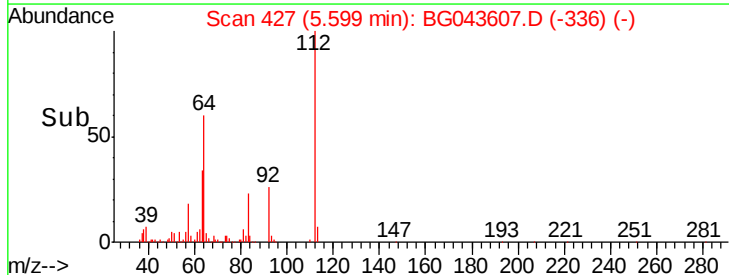
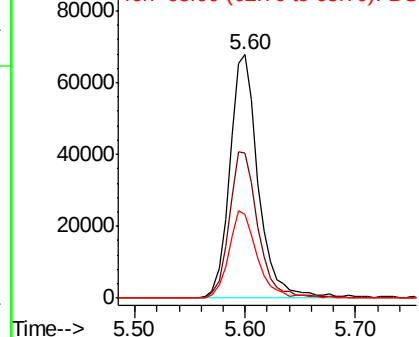


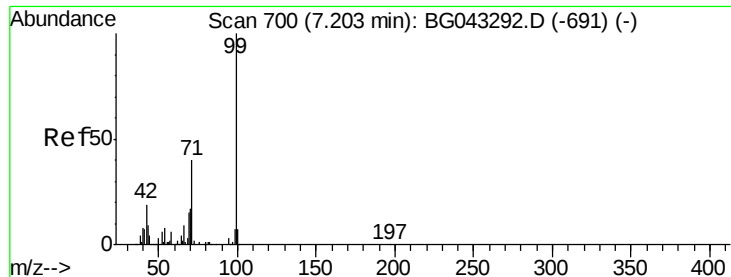
Abundance

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: 40.222 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG043607.D

Acq: 12 Nov 2019 7:24

Instrument :

BNA_G

ClientSampleId :

HP-640-X

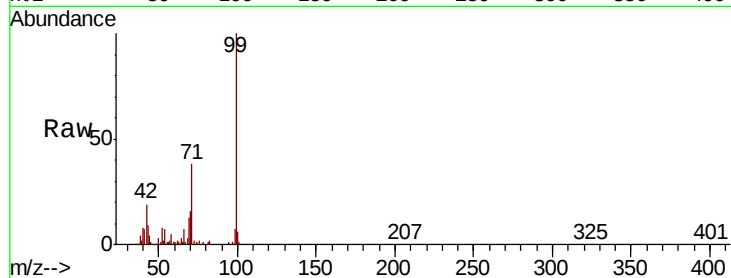
Tot Ion: 99 Resp: 114473

Ion Ratio Lower Upper

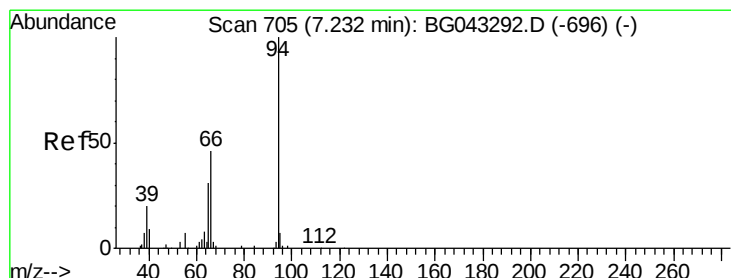
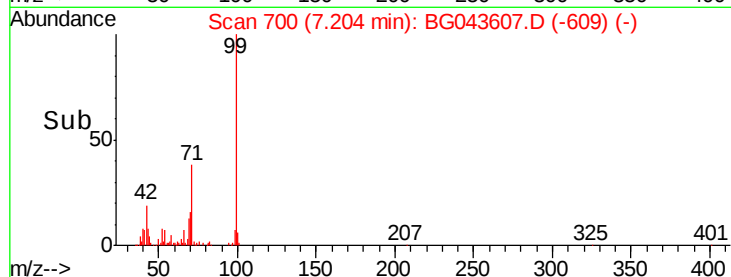
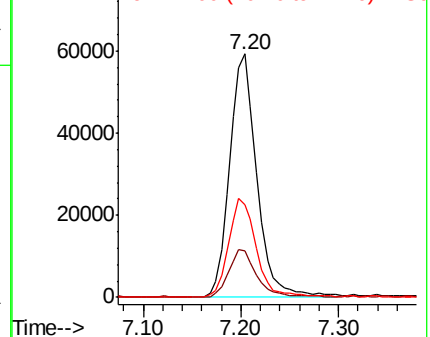
99 100

42 18.9 14.6 21.8

71 38.2 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: 6.657 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.01 min

Lab File: BG043607.D

Acq: 12 Nov 2019 7:24

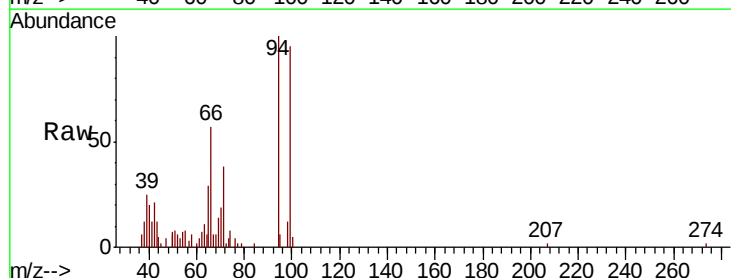
Tgt Ion: 94 Resp: 17314

Ion Ratio Lower Upper

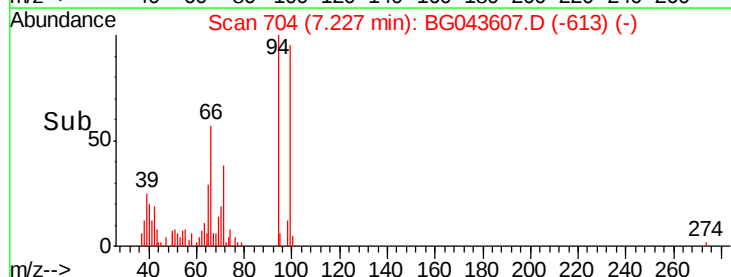
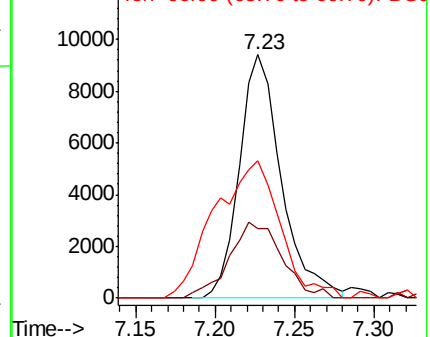
94 100

65 28.6 12.6 52.6

66 56.6 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

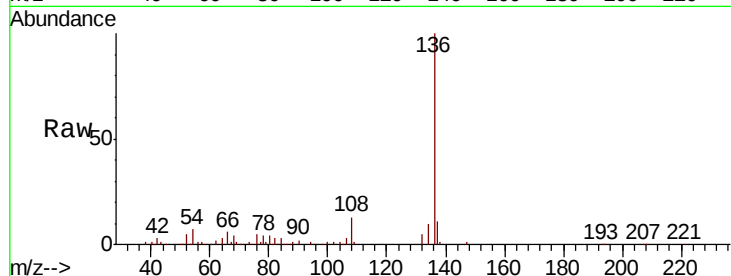




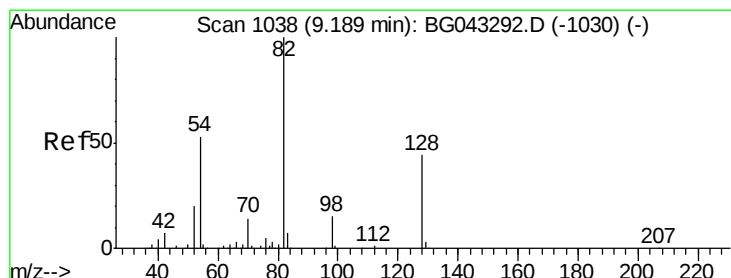
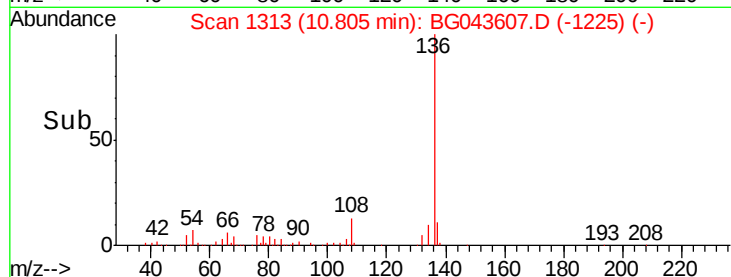
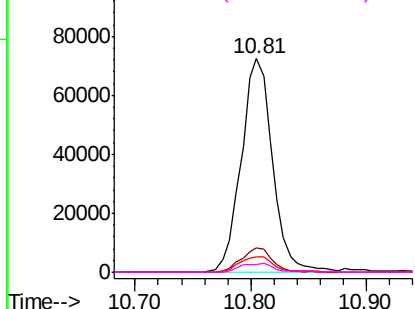
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043607.D
Acq: 12 Nov 2019 7:24

Instrument :
BNA_G
ClientSampleId :
HP-640-X

Tot Ion:136	Resp:	136838
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.7 13.1
54	7.3	5.4 8.2
68	3.8	3.0 4.4

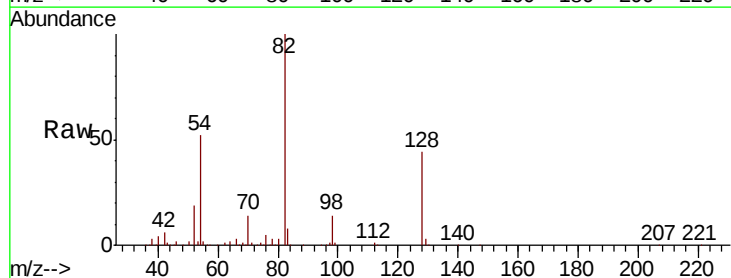


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

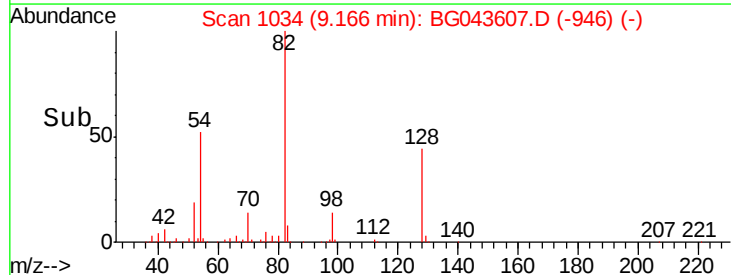
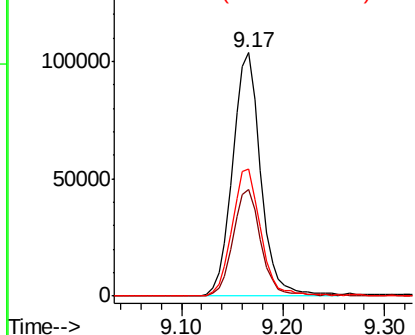


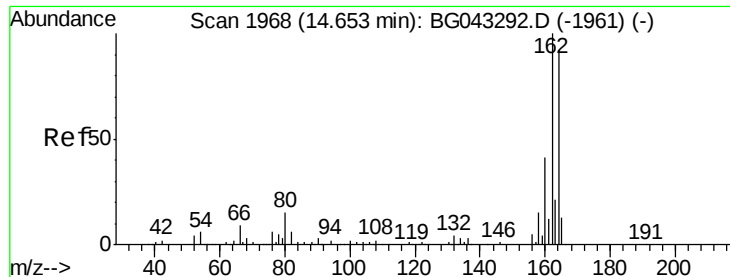
#23
Nitrobenzene-d5
Concen: 75.725 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043607.D
Acq: 12 Nov 2019 7:24

Tgt Ion: 82	Resp:	200992
Ion Ratio	Lower	Upper
82	100	
128	44.0	35.0 52.6
54	52.4	40.2 60.2



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: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG043607.D

Acq: 12 Nov 2019 7:24

Instrument :

BNA_G

ClientSampleId :

HP-640-X

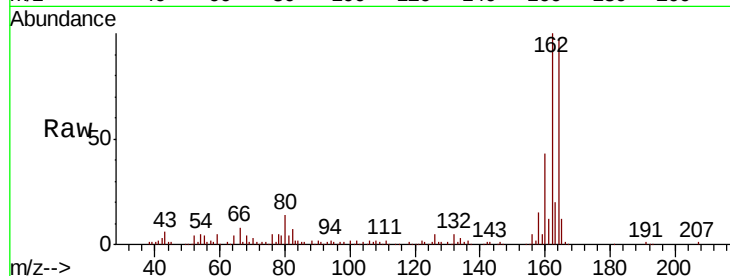
Tot Ion:164 Resp: 101020

Ion Ratio Lower Upper

164 100

162 103.3 83.5 125.3

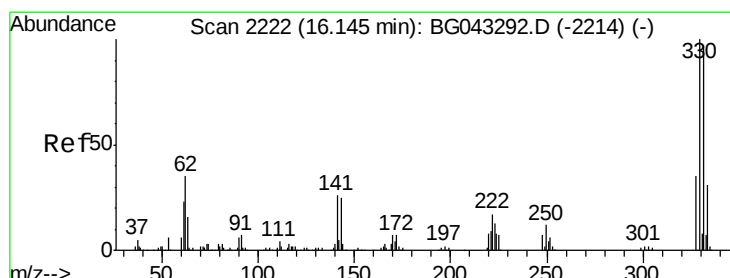
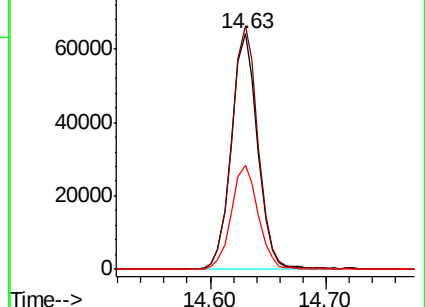
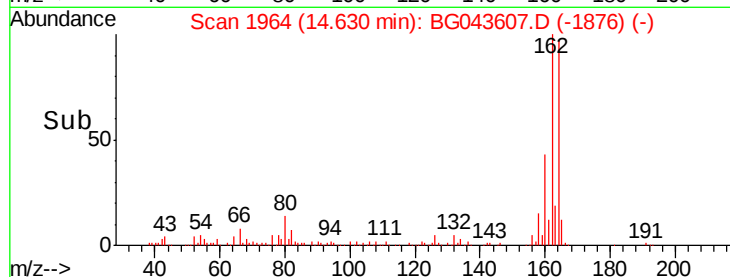
160 44.0 36.5 54.7



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: 68.902 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG043607.D

Acq: 12 Nov 2019 7:24

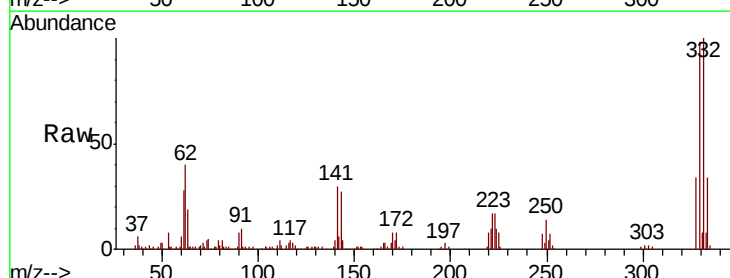
Tgt Ion:330 Resp: 132459

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.0

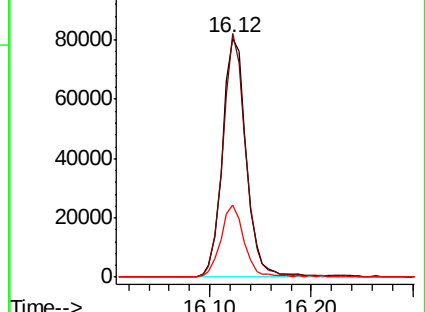
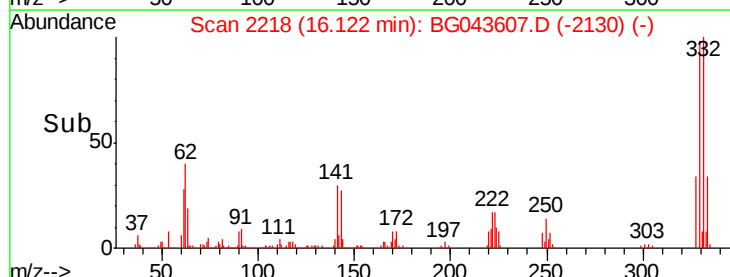
141 29.3 22.8 34.2

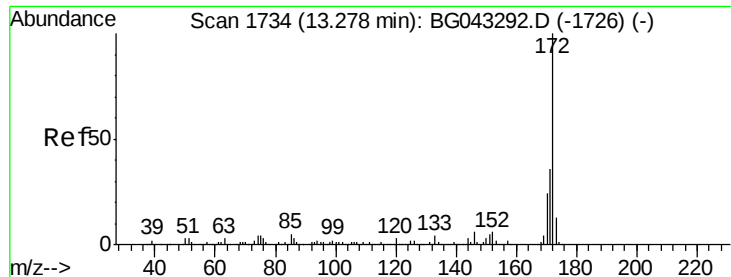


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

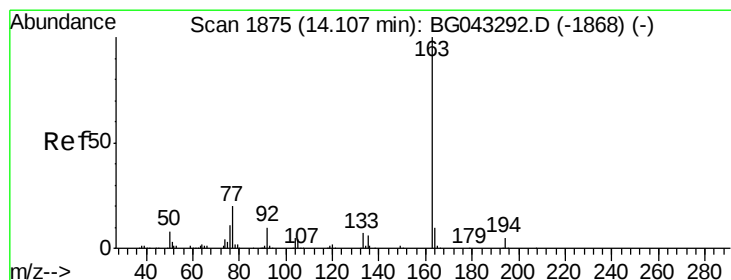
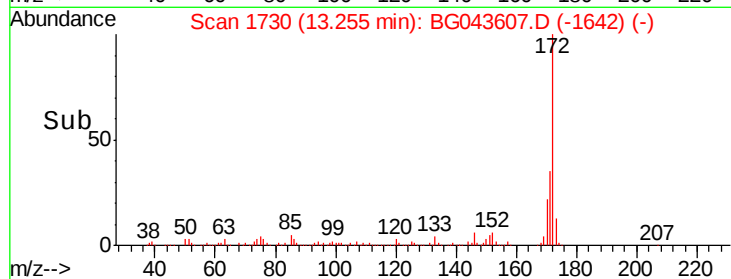
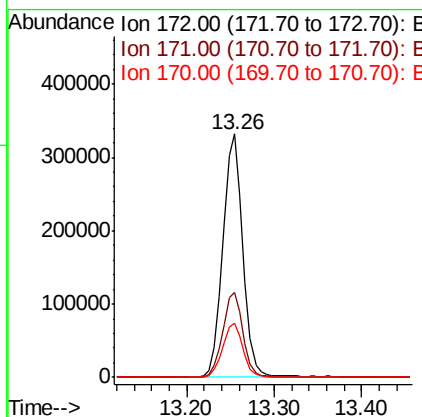
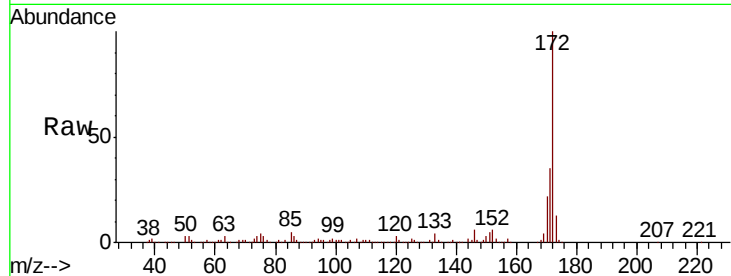




#45
2-Fluorobiphenyl
Concen: 72.072 ng
RT: 13.26 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043607.D
Acq: 12 Nov 2019 7:24

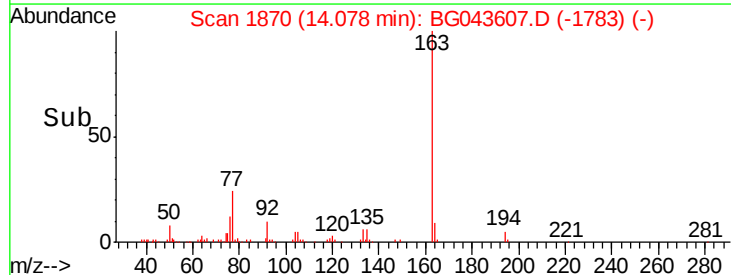
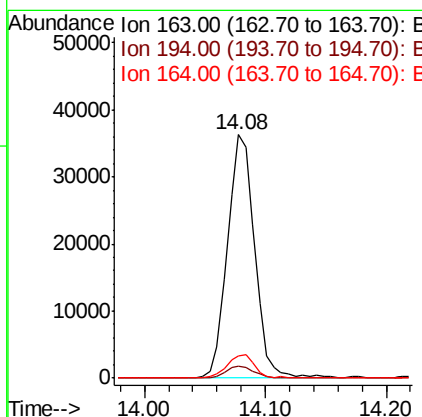
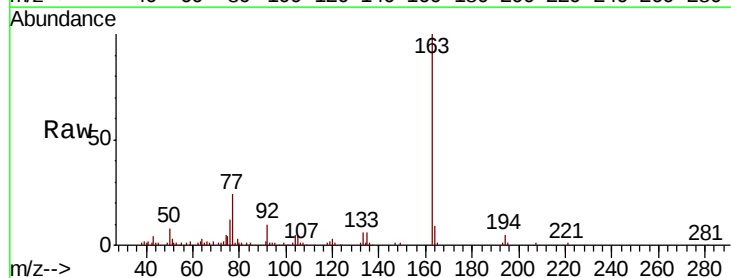
Instrument :
BNA_G
ClientSampled :
HP-640-X

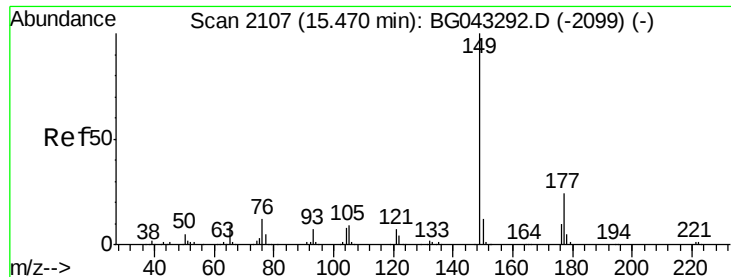
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.9	43.3
170	22.4	18.5	27.7



#50
Dimethylphthalate
Concen: 7.243 ng
RT: 14.08 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BG043607.D
Acq: 12 Nov 2019 7:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.8	5.6
164	9.0	8.9	13.3

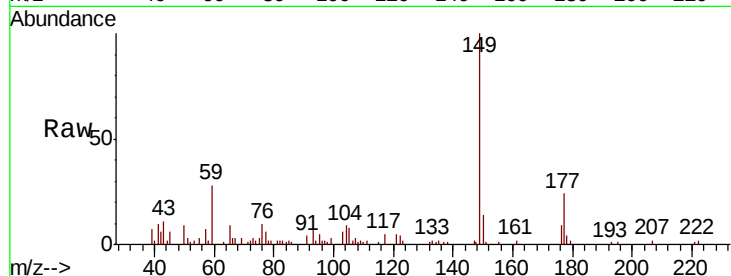




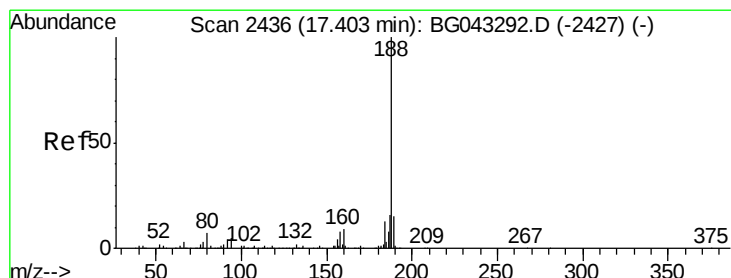
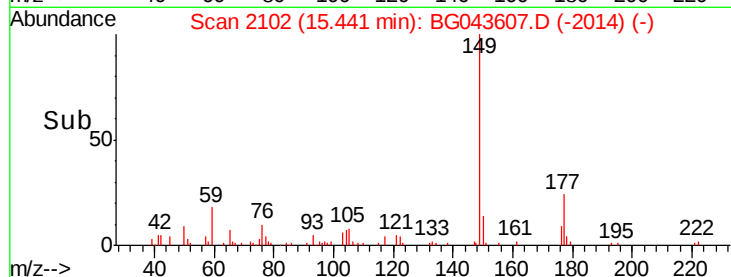
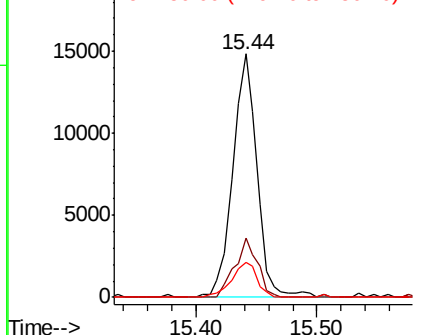
#60
Diethylphthalate
Concen: 2.628 ng
RT: 15.44 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BG043607.D
Acq: 12 Nov 2019 7:24

Instrument :
BNA_G
ClientSampleId :
HP-640-X

Tot Ion:149 Resp: 20662
Ion Ratio Lower Upper
149 100
177 24.5 19.6 29.4
150 14.5 10.8 16.2

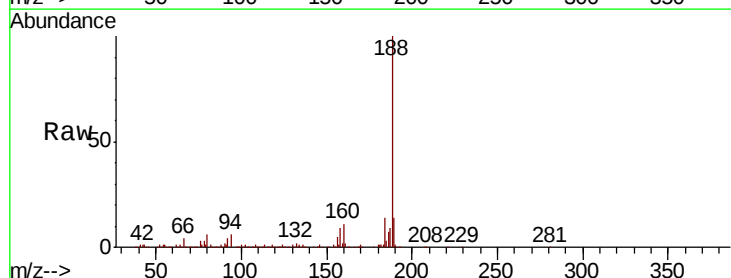


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

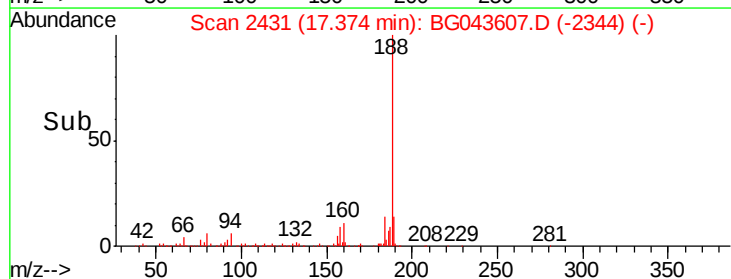
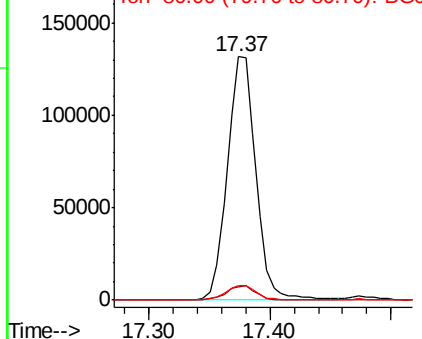


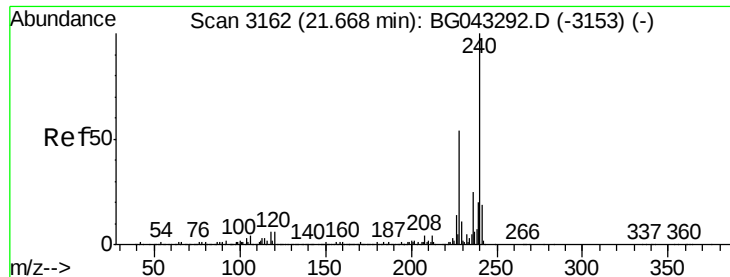
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043607.D
Acq: 12 Nov 2019 7:24

Tgt Ion:188 Resp: 215828
Ion Ratio Lower Upper
188 100
94 5.7 4.2 6.4
80 5.9 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: BG043607.D

Acq: 12 Nov 2019 7:24

Instrument :

BNA_G

ClientSampleId :

HP-640-X

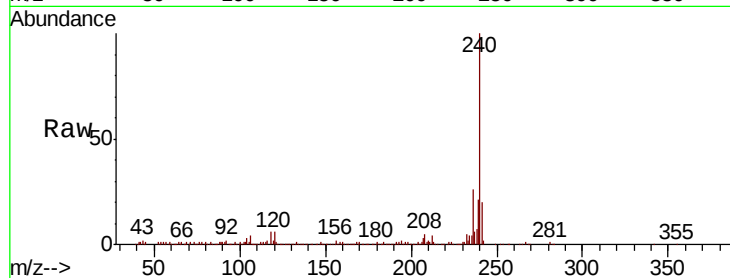
Tot Ion:240 Resp: 214653

Ion Ratio Lower Upper

240 100

120 6.4 4.6 6.8

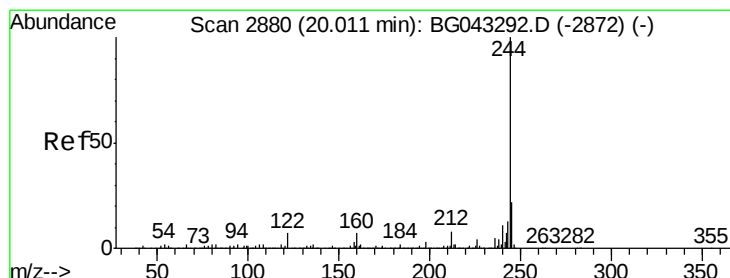
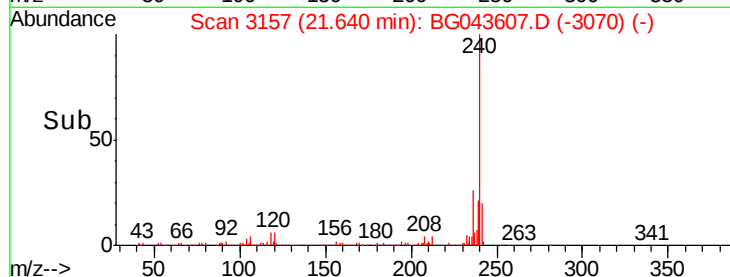
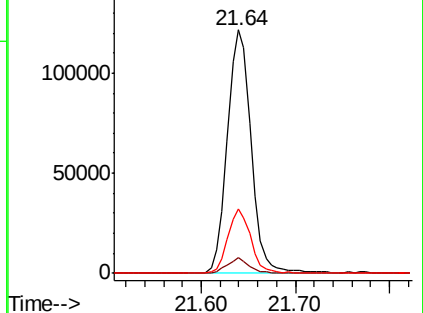
236 26.2 19.8 29.8



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: 76.823 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043607.D

Acq: 12 Nov 2019 7:24

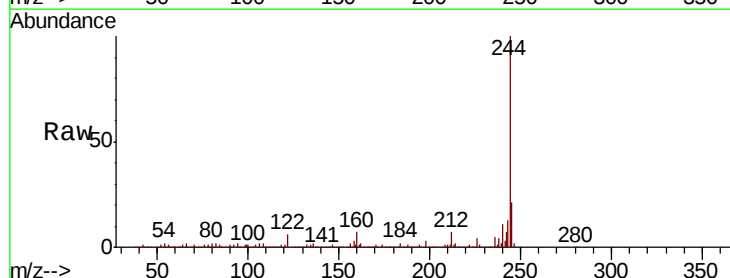
Tgt Ion:244 Resp: 878990

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

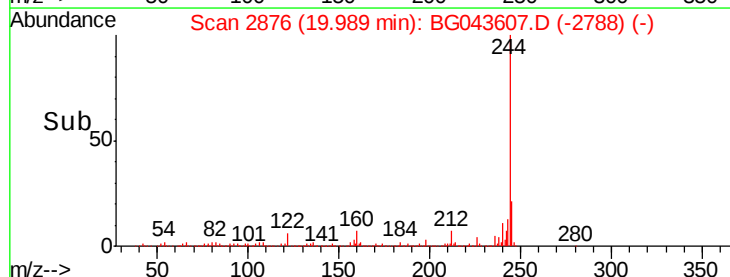
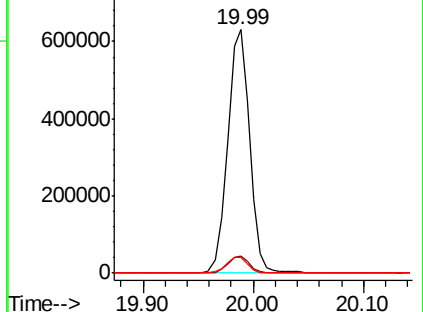
122 6.4 5.4 8.2

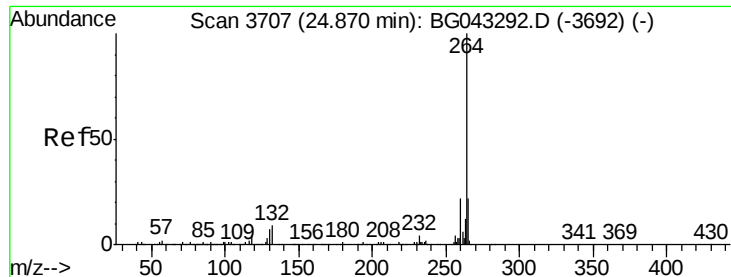


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

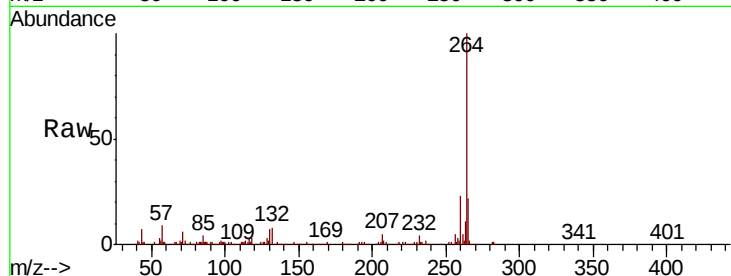




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.82 min Scan# 3699
 Delta R.T. -0.03 min
 Lab File: BG043607.D
 Acq: 12 Nov 2019 7:24

Instrument :
 BNA_G
 ClientSampleId :
 HP-640-X

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.5	26.3
265	21.8	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

