

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
 Data File : BG043468.D
 Acq On : 1 Nov 2019 16:40
 Operator : JU
 Sample : K5603-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190949-AMENDED-COMPOSITE-

Quant Time: Nov 22 05:36:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

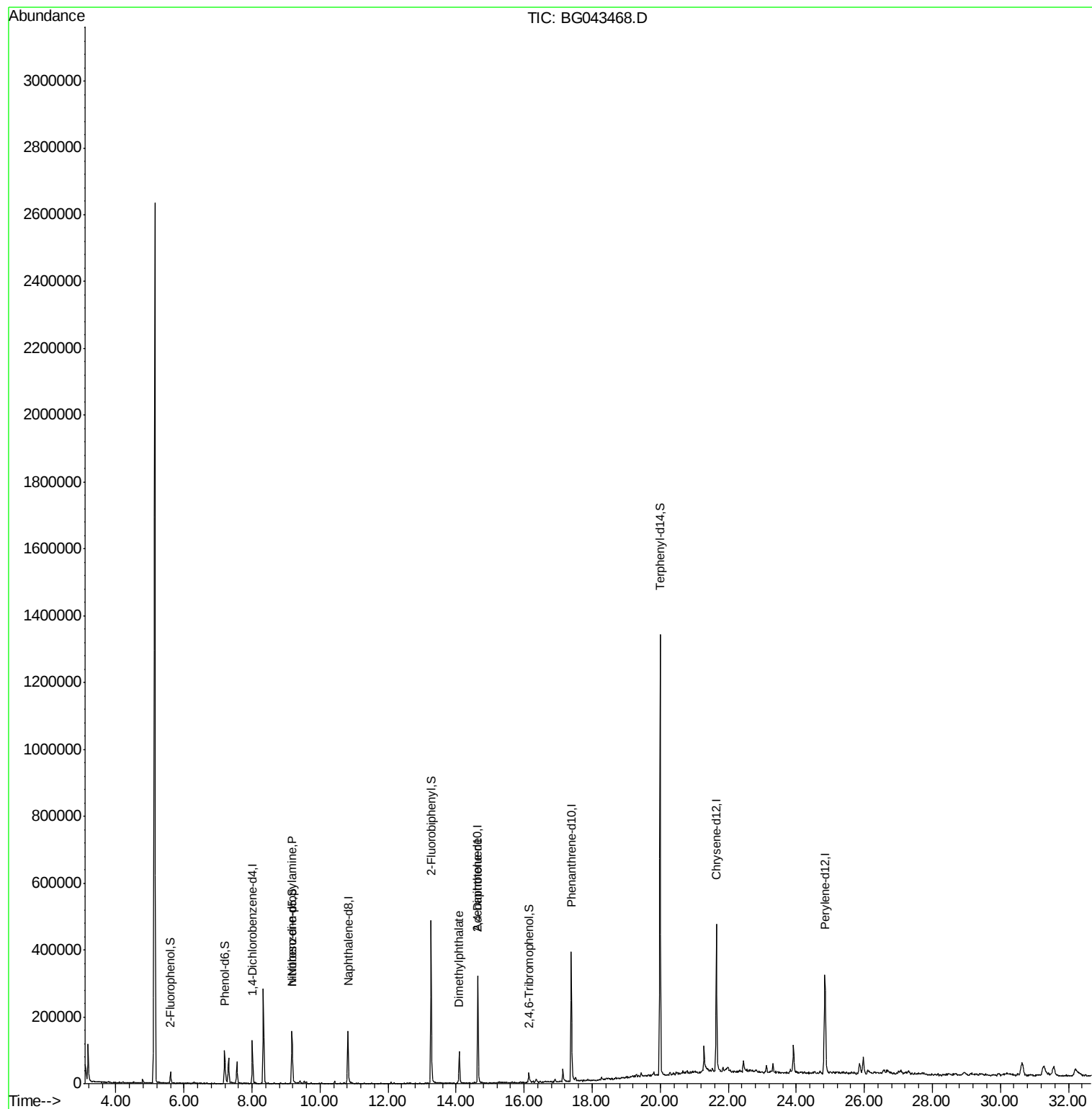
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	41111	20.00	ng	0.03
21) Naphthalene-d8	10.82	136	158756	20.00	ng	0.03
39) Acenaphthene-d10	14.64	164	117971	20.00	ng	0.01
64) Phenanthrene-d10	17.39	188	276815	20.00	ng	0.02
76) Chrysene-d12	21.65	240	291604	20.00	ng	0.02
87) Perylene-d12	24.84	264	351616	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	16294	7.26	ng	0.02
7) Phenol-d6	7.19	99	70987	21.99	ng	0.00
23) Nitrobenzene-d5	9.18	82	116274	37.76	ng	0.03
42) 2,4,6-Tribromophenol	16.14	330	9283	4.13	ng	0.02
45) 2-Fluorobiphenyl	13.26	172	298720	34.99	ng	0.02
79) Terphenyl-d14	20.00	244	716235	46.08	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	15525	7.443	ng	Qvalue # 67
50) Dimethylphthalate	14.09	163	75323	8.243	ng	# 97
57) 2,4-Dinitrotoluene	14.64	165	16295	5.744	ng	# 28

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

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BNA_G
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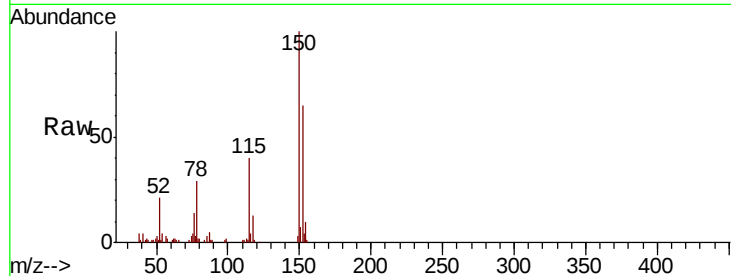


#1

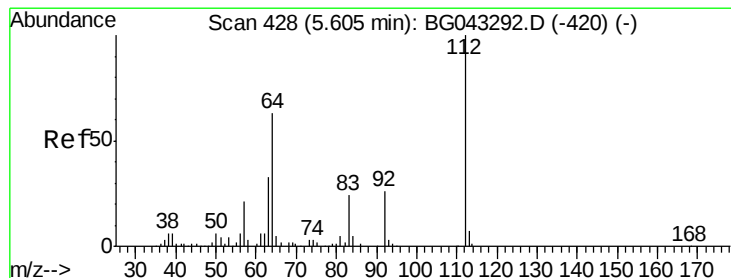
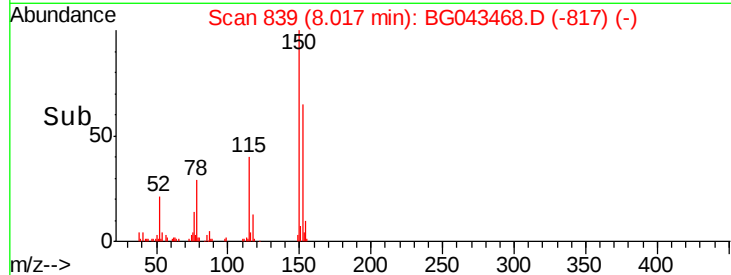
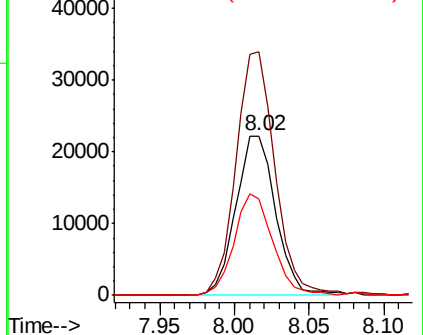
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. 0.03 min
Lab File: BG043468.D
Acq: 1 Nov 2019 16:40

Instrument :
BNA_G
ClientSampleId :
20190949-AMENDED-COMPOSITE-

Tot Ion:152 Resp: 41111
Ion Ratio Lower Upper
152 100
150 152.9 116.6 175.0
115 60.5 40.5 60.7



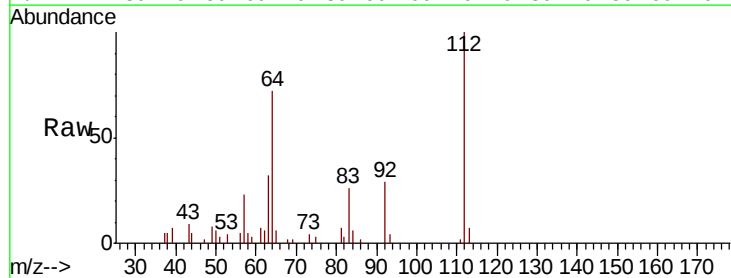
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



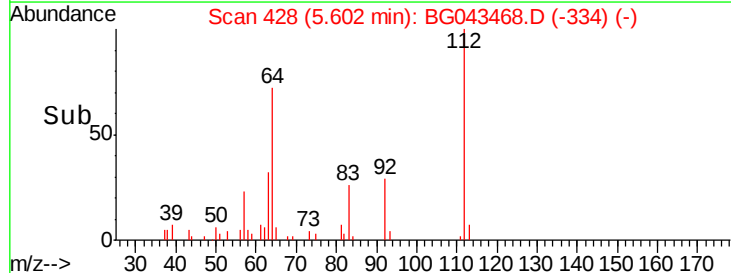
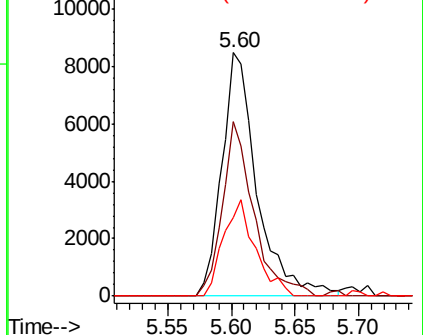
#5

2-Fluorophenol
Concen: 7.263 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.02 min
Lab File: BG043468.D
Acq: 1 Nov 2019 16:40

Tgt Ion:112 Resp: 16294
Ion Ratio Lower Upper
112 100
64 71.7 50.6 75.8
63 32.2 30.5 45.7



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: 21.992 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG043468.D

Acq: 1 Nov 2019 16:40

Instrument :

BNA_G

ClientSampleId :

20190949-AMENDED-COMPOSITE-

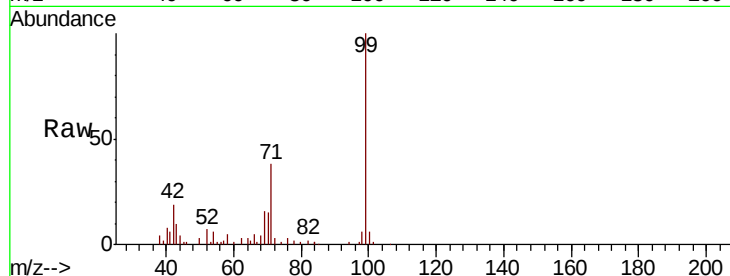
Tot Ion: 99 Resp: 70987

Ion Ratio Lower Upper

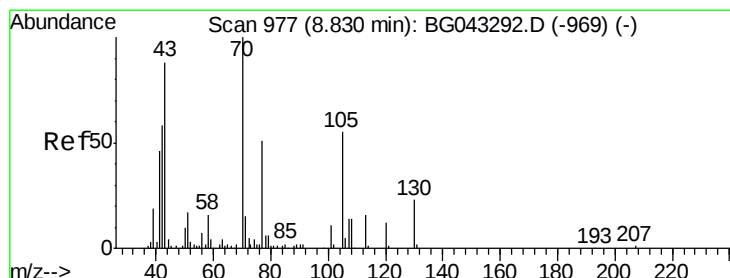
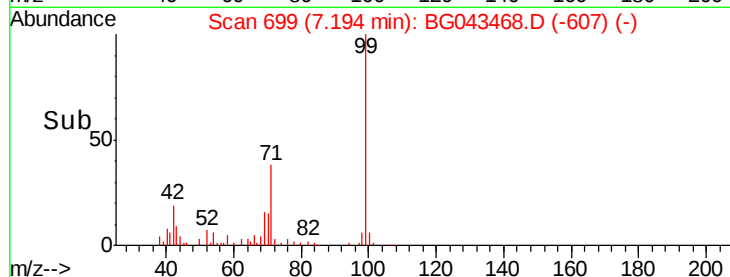
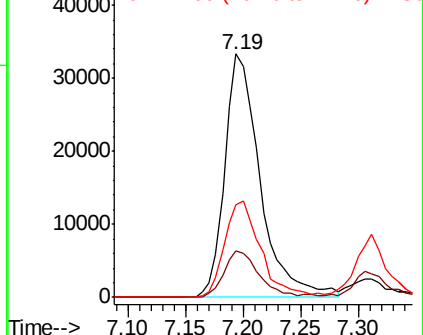
99 100

42 19.1 15.8 23.8

71 38.1 34.4 51.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 7.443 ng

RT: 9.17 min Scan# 1036

Delta R.T. 0.38 min

Lab File: BG043468.D

Acq: 1 Nov 2019 16:40

Tgt Ion: 70 Resp: 15525

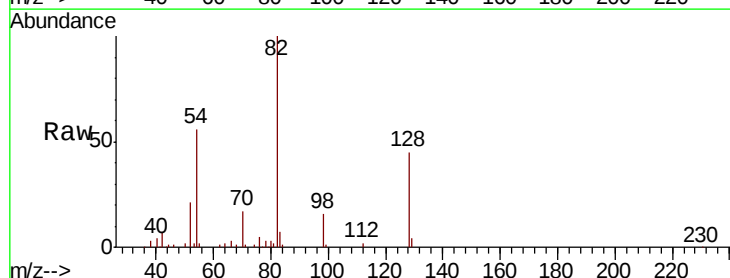
Ion Ratio Lower Upper

70 100

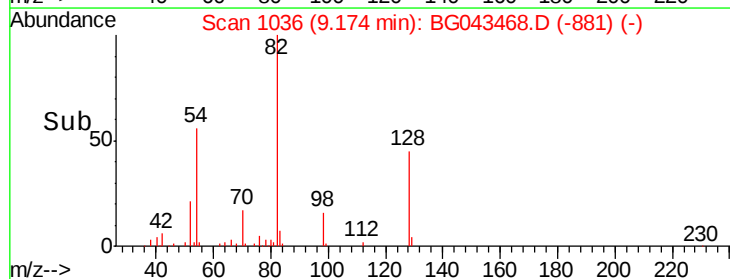
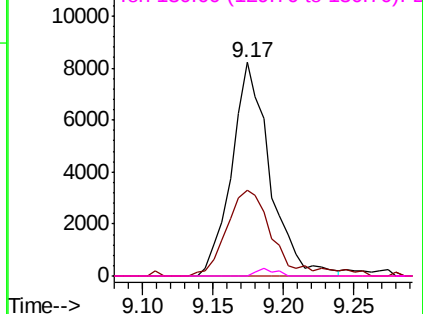
42 40.3 49.7 74.5#

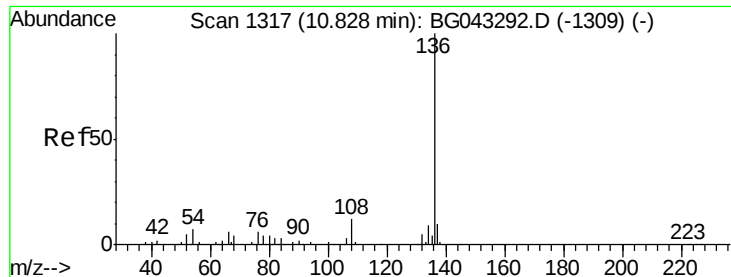
101 0.0 9.7 14.5#

130 0.0 17.7 26.5#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

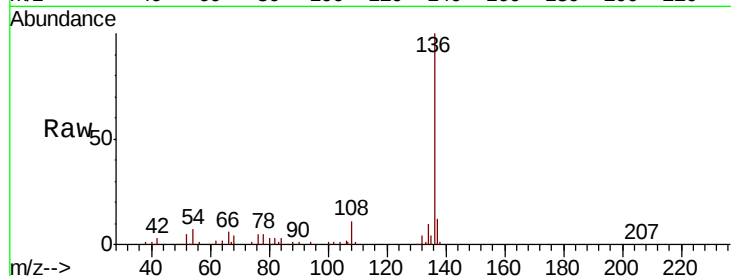




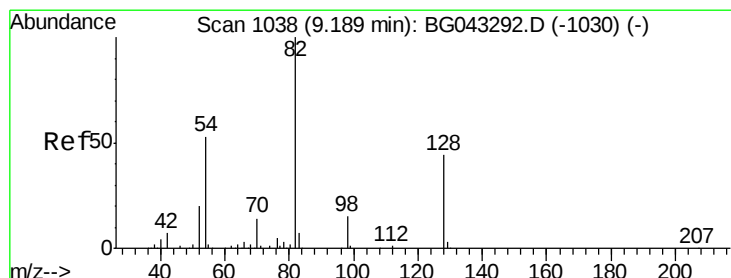
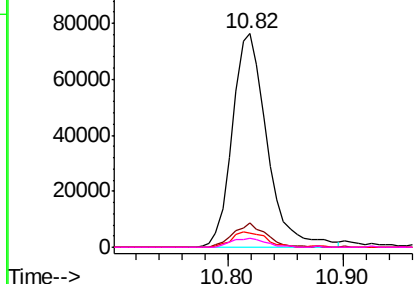
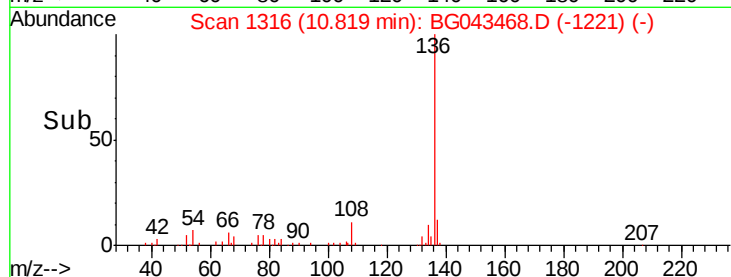
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.03 min
Lab File: BG043468.D
Acq: 1 Nov 2019 16:40

Instrument :
BNA_G
ClientSampleId :
20190949-AMENDED-COMPOSITE-

Tot Ion:136	Resp:	158756
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.8 13.2
54	6.9	6.2 9.2
68	4.1	3.4 5.0

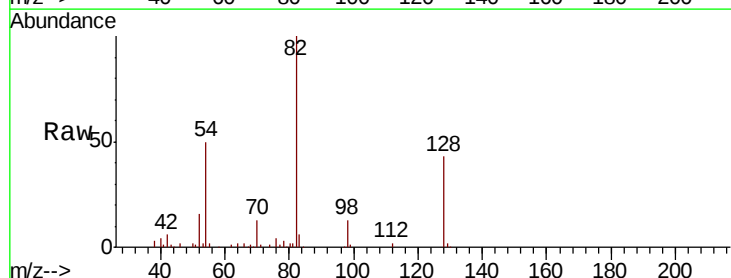


Abundance Ion 136.00 (135.70 to 136.70): E
120000
Ion 137.00 (136.70 to 137.70): E
100000
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

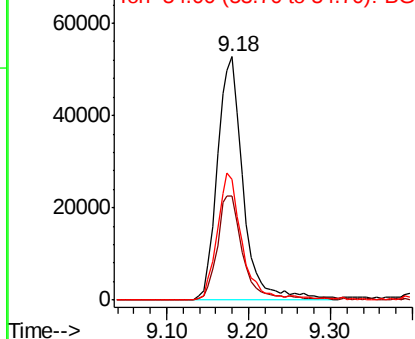
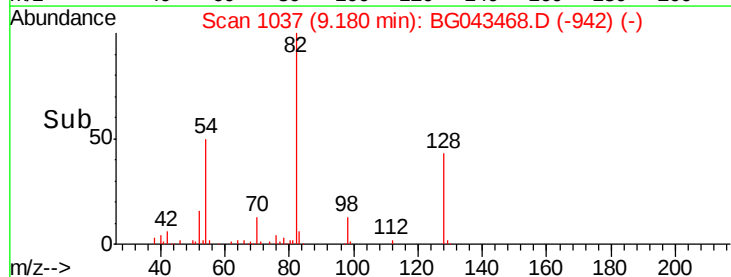


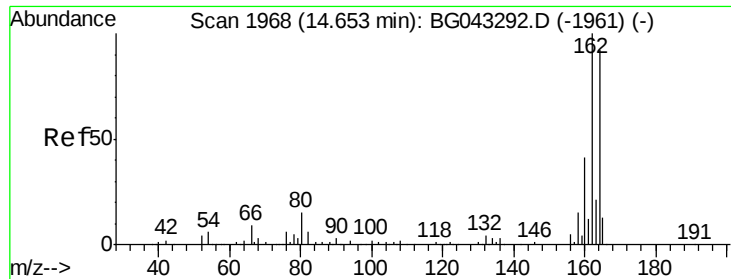
#23
Nitrobenzene-d5
Concen: 37.759 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.03 min
Lab File: BG043468.D
Acq: 1 Nov 2019 16:40

Tgt Ion: 82	Resp:	116274
Ion	Ratio	Lower Upper
82	100	
128	42.6	34.2 51.4
54	49.7	44.7 67.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
60000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

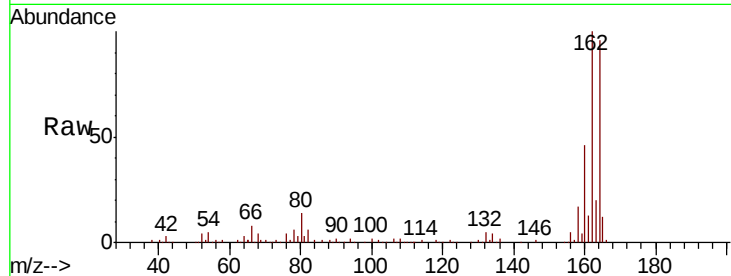




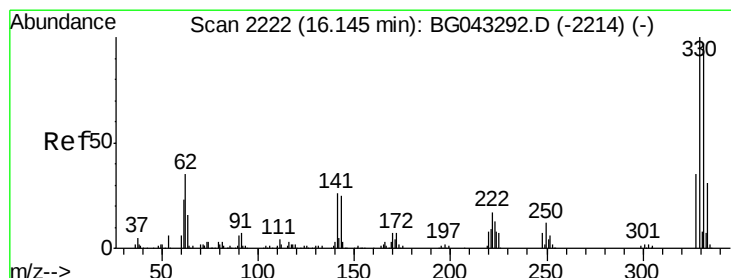
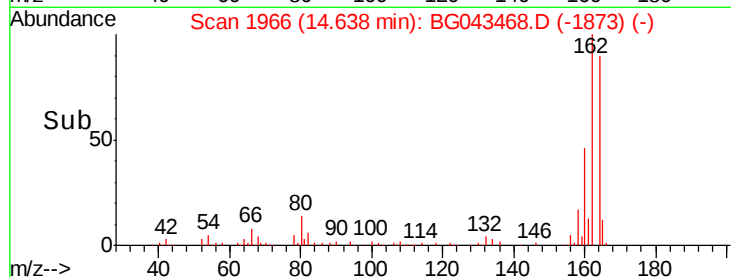
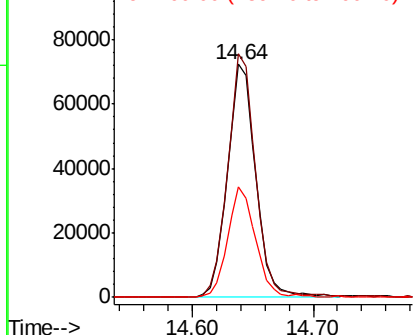
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BG043468.D
Acq: 1 Nov 2019 16:40

Instrument :
BNA_G
ClientSampleId :
20190949-AMENDED-COMPOSITE-

Tot Ion:164 Resp: 117971
Ion Ratio Lower Upper
164 100
162 104.4 79.4 119.2
160 47.6 36.3 54.5

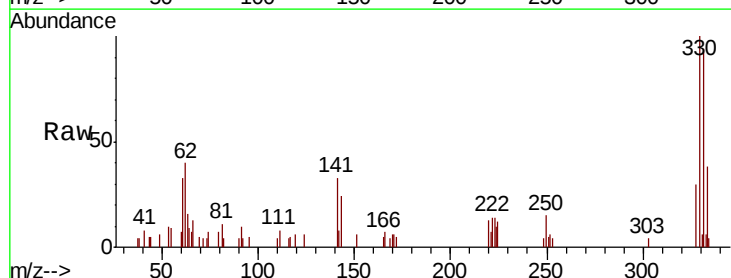


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

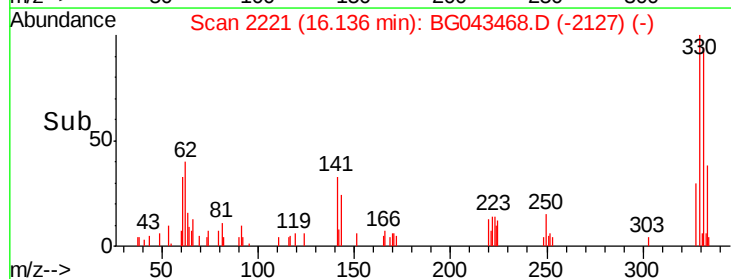
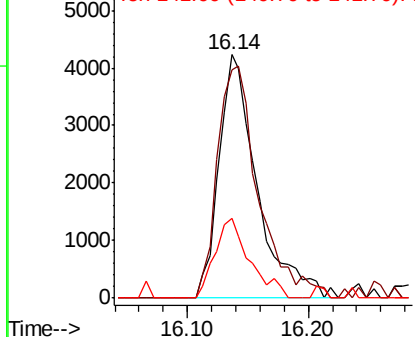


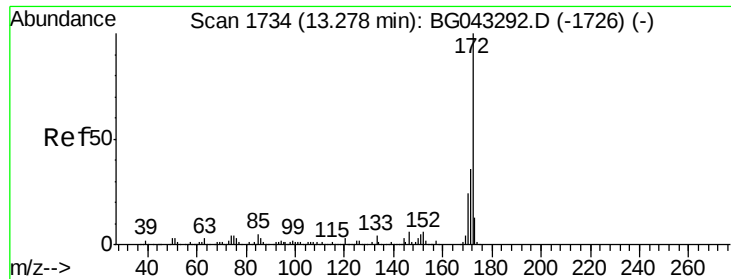
#42
2,4,6-Tribromophenol
Concen: 4.135 ng
RT: 16.14 min Scan# 2221
Delta R.T. 0.02 min
Lab File: BG043468.D
Acq: 1 Nov 2019 16:40

Tgt Ion:330 Resp: 9283
Ion Ratio Lower Upper
330 100
332 102.1 76.6 115.0
141 29.6 23.4 35.2



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: 34.989 ng

RT: 13.26 min Scan# 1732

Delta R.T. 0.02 min

Lab File: BG043468.D

Acq: 1 Nov 2019 16:40

Instrument :

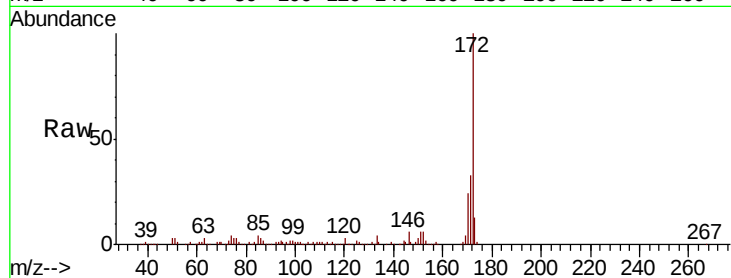
BNA_G

ClientSampleId :

20190949-AMENDED-COMPOSITE-

Tot Ion:172 Resp: 298720

Ion	Ratio	Lower	Upper
172	100		
171	33.0	28.1	42.1
170	24.3	18.8	28.2

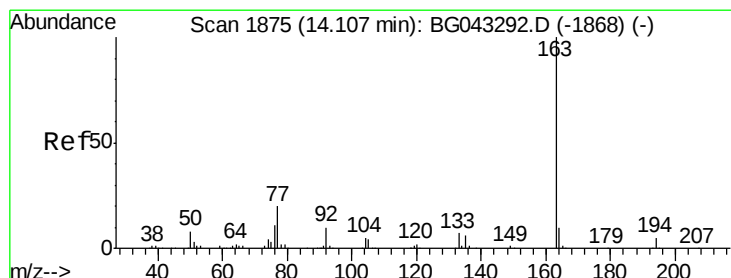
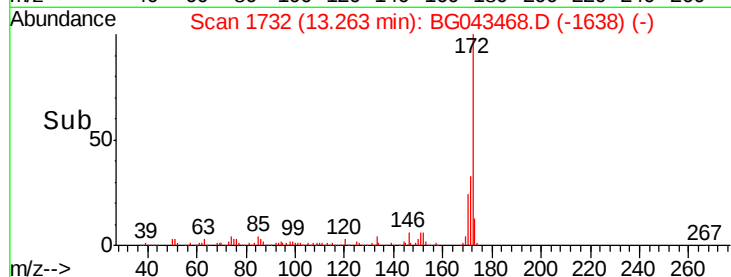
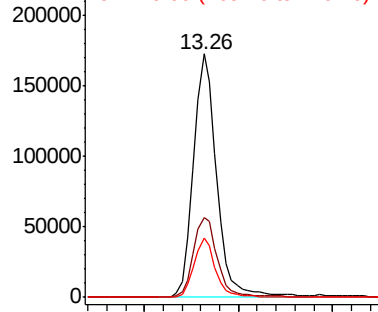


Abundance

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: 8.243 ng

RT: 14.09 min Scan# 1873

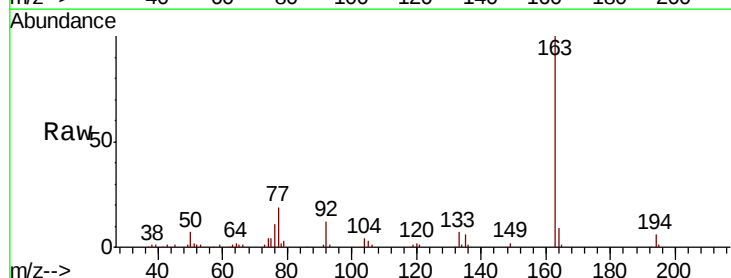
Delta R.T. 0.01 min

Lab File: BG043468.D

Acq: 1 Nov 2019 16:40

Tgt Ion:163 Resp: 75323

Ion	Ratio	Lower	Upper
163	100		
194	5.8	3.8	5.8#
164	9.4	8.5	12.7

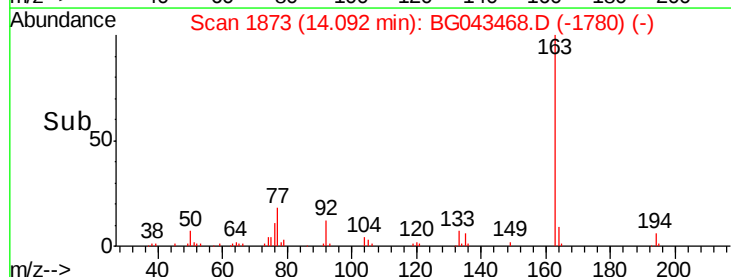
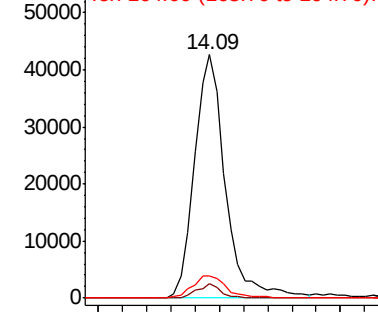


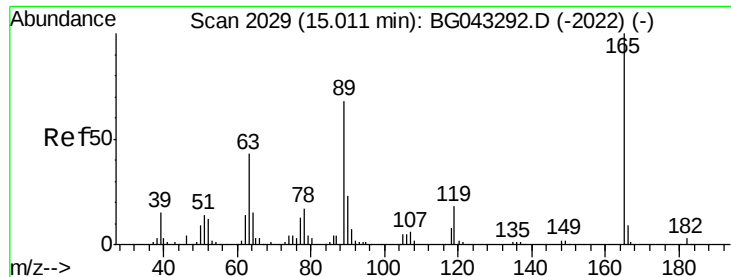
Abundance

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

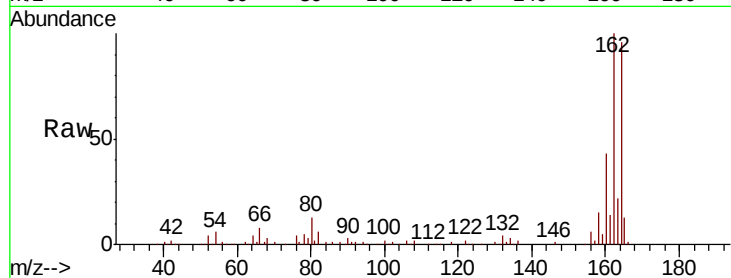




#57
 2,4-Dinitrotoluene
 Concen: 5.744 ng
 RT: 14.64 min Scan# 1967
 Delta R.T. -0.35 min
 Lab File: BG043468.D
 Acq: 1 Nov 2019 16:40

Instrument :
 BNA_G
 ClientSampleId :
 20190949-AMENDED-COMPOSITE-

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	37.4	56.0#
89	2.2	50.9	76.3#
182	0.0	2.3	3.5#

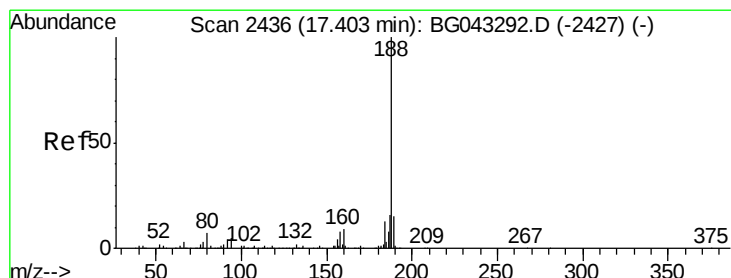
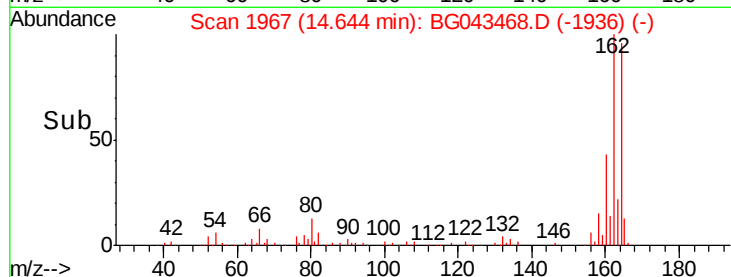
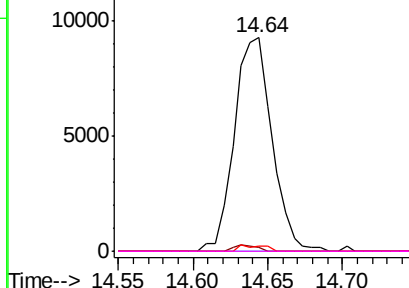


Abundance Ion 165.00 (164.70 to 165.70): E

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): E



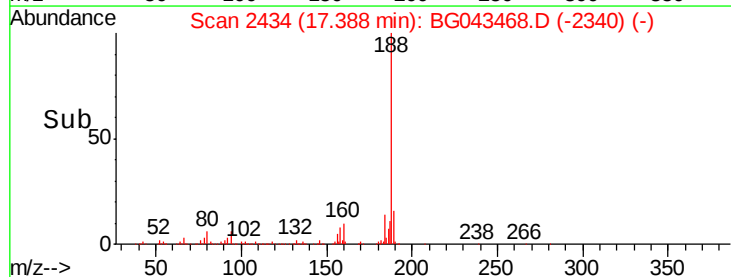
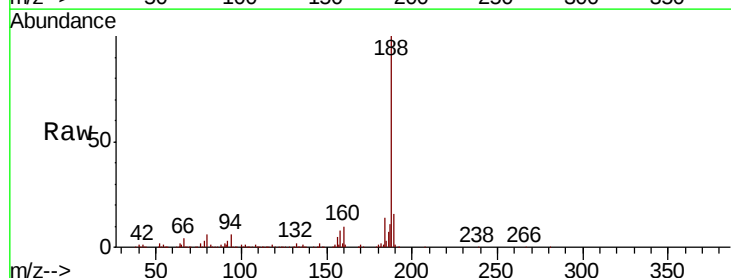
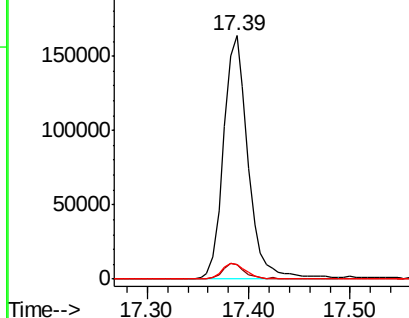
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2434
 Delta R.T. 0.02 min
 Lab File: BG043468.D
 Acq: 1 Nov 2019 16:40

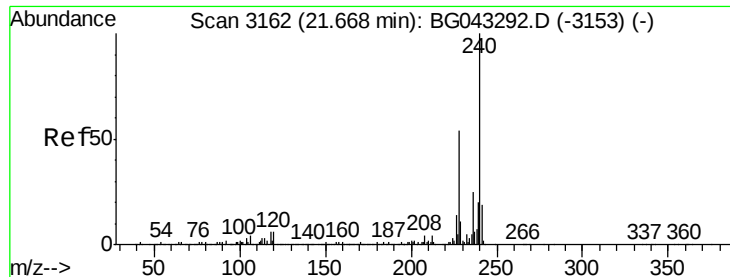
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.6	7.0
80	5.8	5.2	7.8

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: 21.65 min Scan# 3160

Delta R.T. 0.02 min

Lab File: BG043468.D

Acq: 1 Nov 2019 16:40

Instrument :

BNA_G

ClientSampleId :

20190949-AMENDED-COMPOSITE-

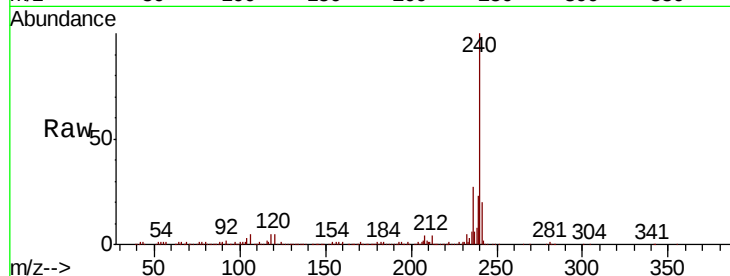
Tot Ion:240 Resp: 291604

Ion Ratio Lower Upper

240 100

120 5.2 4.9 7.3

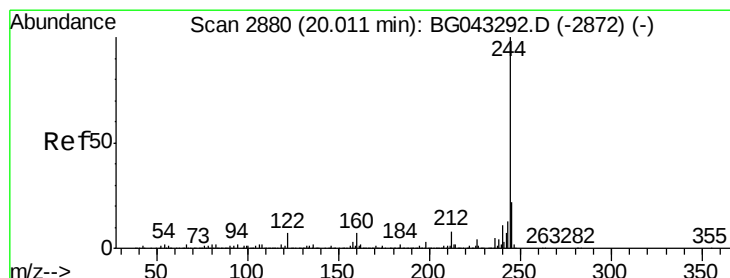
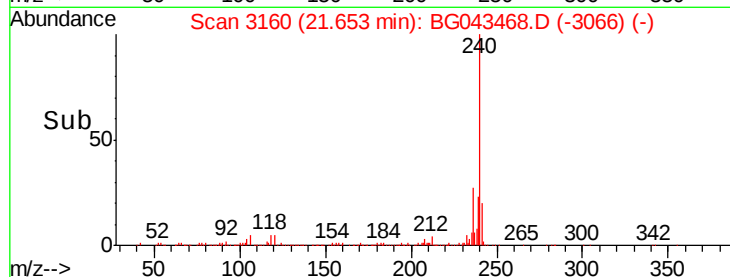
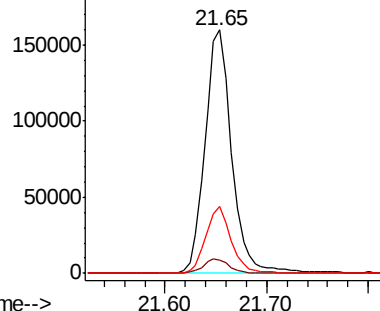
236 27.4 21.4 32.0



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: 46.080 ng

RT: 20.00 min Scan# 2878

Delta R.T. 0.01 min

Lab File: BG043468.D

Acq: 1 Nov 2019 16:40

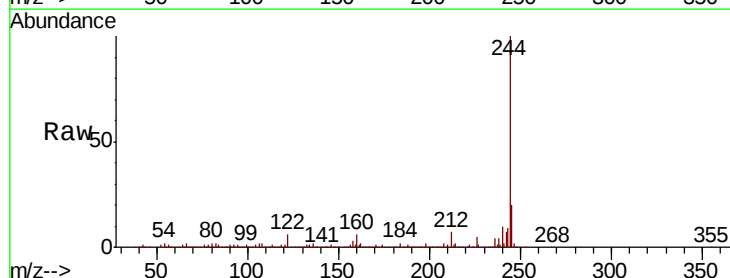
Tgt Ion:244 Resp: 716235

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

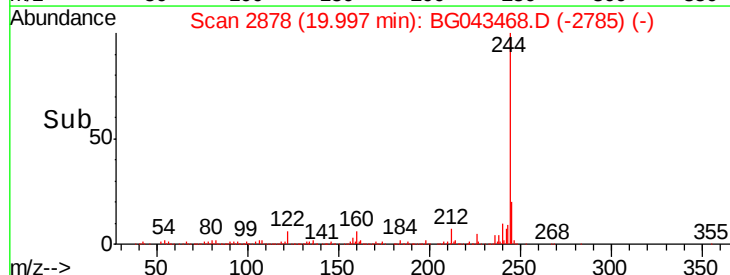
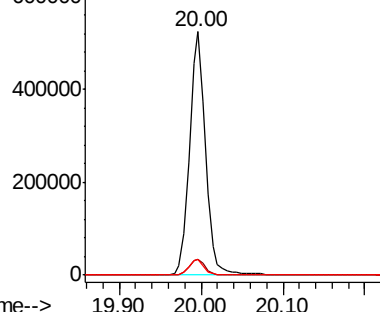
122 6.4 5.2 7.8

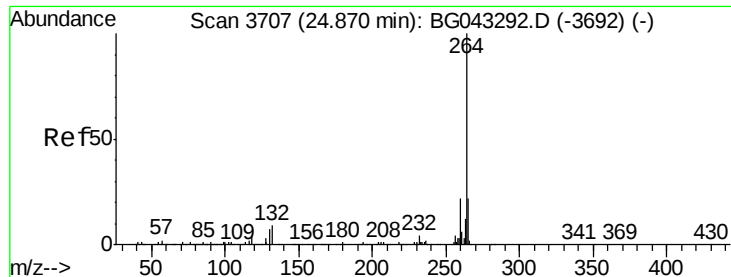


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

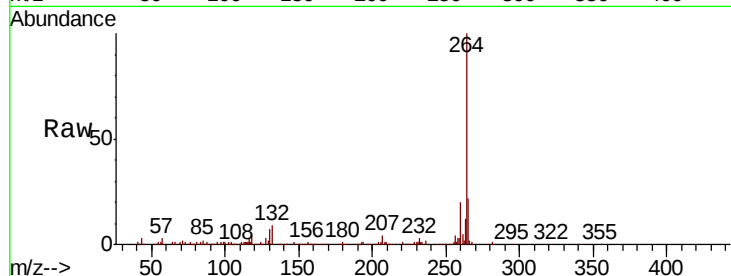




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.84 min Scan# 3703
 Delta R.T. 0.03 min
 Lab File: BG043468.D
 Acq: 1 Nov 2019 16:40

Instrument :
 BNA_G
 ClientSampleId :
 20190949-AMENDED-COMPOSITE-

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.2	18.4	27.6
265	21.9	15.8	23.8



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

