

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
 Data File : BG043466.D
 Acq On : 1 Nov 2019 15:23
 Operator : JU
 Sample : K5602-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190941-AMENDED-COMPOSITE-

Quant Time: Nov 01 23:00:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

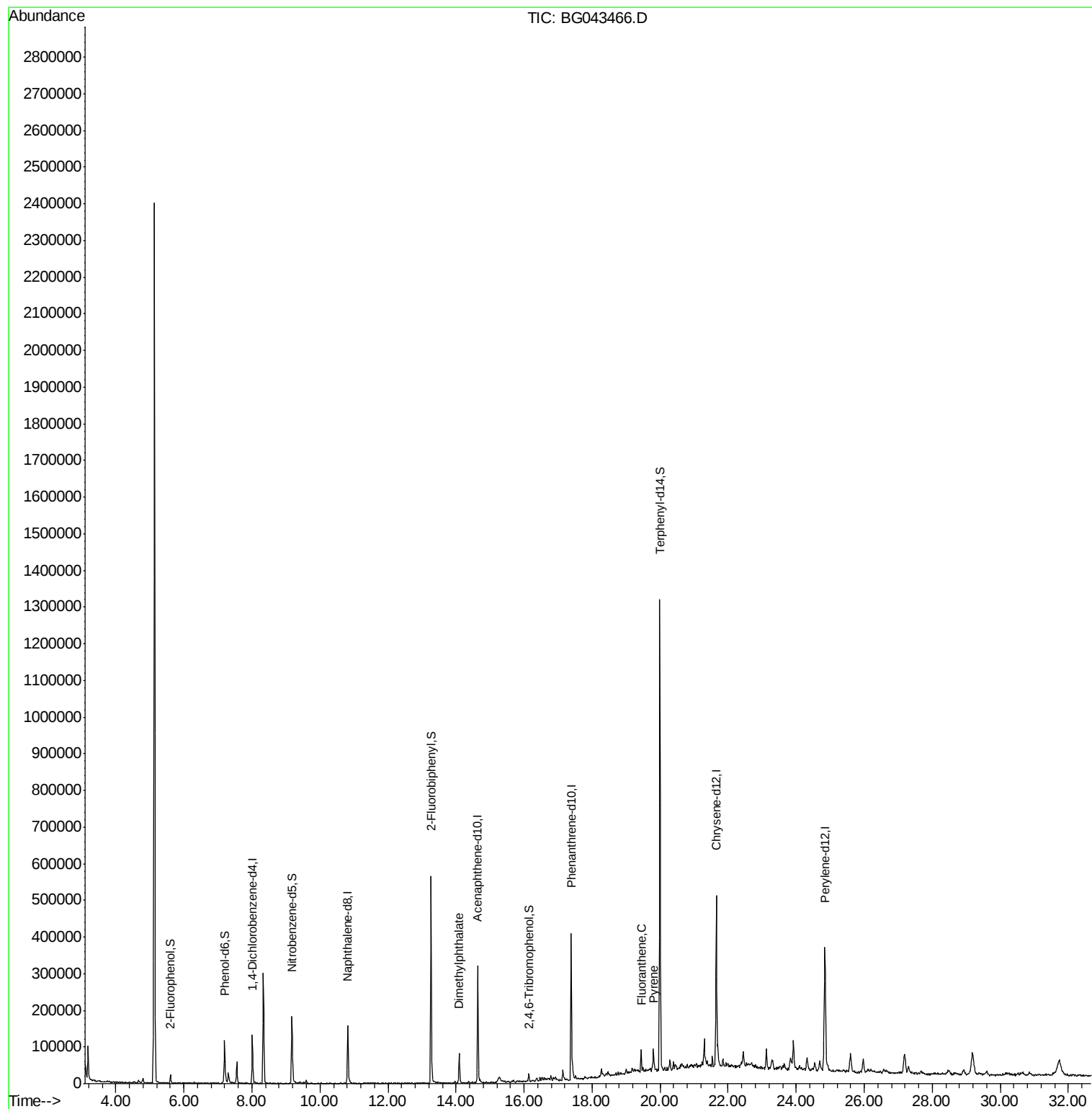
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	41594	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	157687	20.00	ng	-0.01
39) Acenaphthene-d10	14.64	164	112833	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	276683	20.00	ng	-0.02
76) Chrysene-d12	21.66	240	299993	20.00	ng	-0.01
87) Perylene-d12	24.84	264	365323	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	11783	5.19	ng	0.00
7) Phenol-d6	7.20	99	82231	25.18	ng	0.00
23) Nitrobenzene-d5	9.18	82	131784	43.09	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	5506	2.56	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	341300	41.80	ng	-0.01
79) Terphenyl-d14	19.99	244	713660	44.63	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.09	163	65700	7.517	ng	Qvalue 100
75) Fluoranthene	19.44	202	39291	2.127	ng	97
78) Pyrene	19.80	202	40021	2.155	ng	96

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

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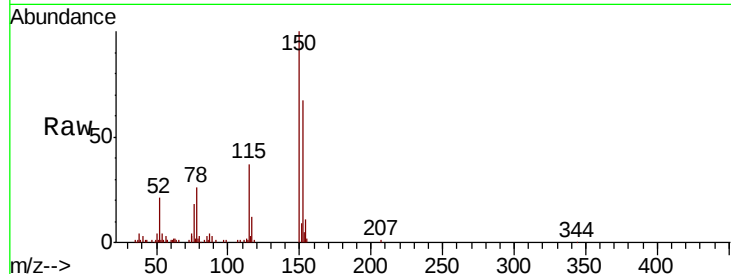


#1

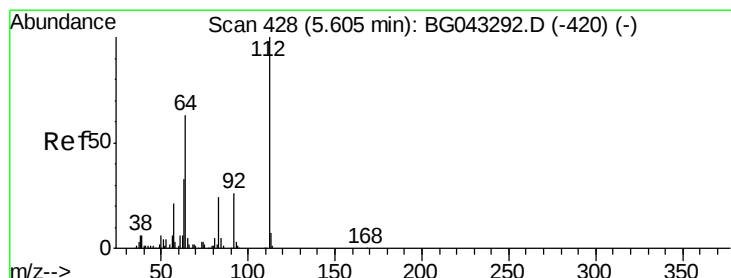
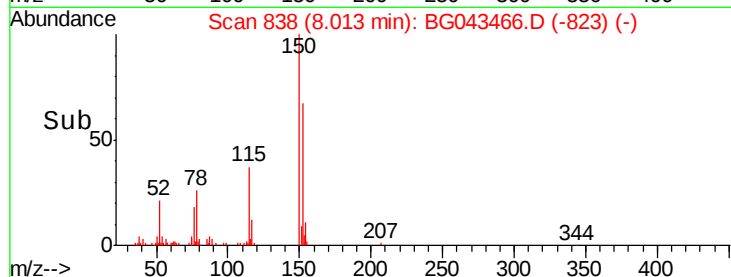
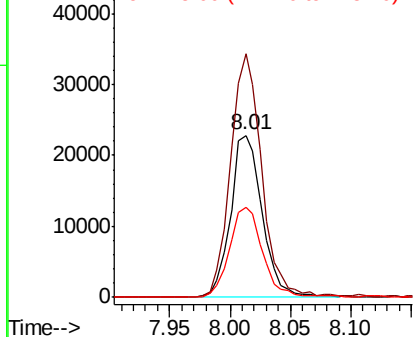
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.01 min
Lab File: BG043466.D
Acq: 1 Nov 2019 15:23

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

Tot Ion:152 Resp: 41594
Ion Ratio Lower Upper
152 100
150 150.3 113.6 170.4
115 55.2 45.9 68.9



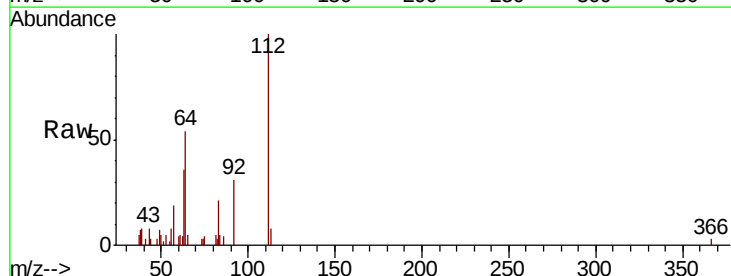
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



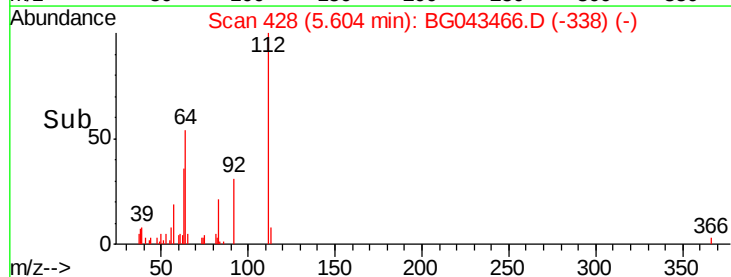
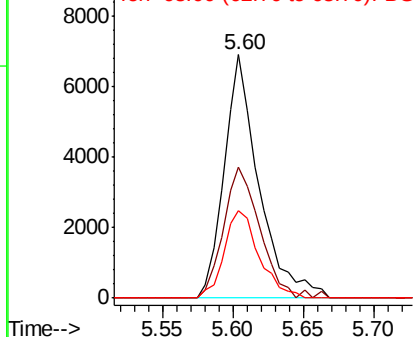
#5

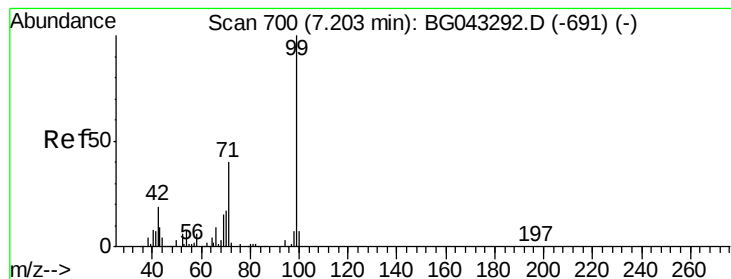
2-Fluorophenol
Concen: 5.191 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG043466.D
Acq: 1 Nov 2019 15:23

Tgt Ion:112 Resp: 11783
Ion Ratio Lower Upper
112 100
64 54.0 50.2 75.2
63 35.7 26.7 40.1



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: 25.179 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG043466.D

Acq: 1 Nov 2019 15:23

Instrument :

BNA_G

ClientSampleId :

20190941-AMENDED-COMPOSITE-

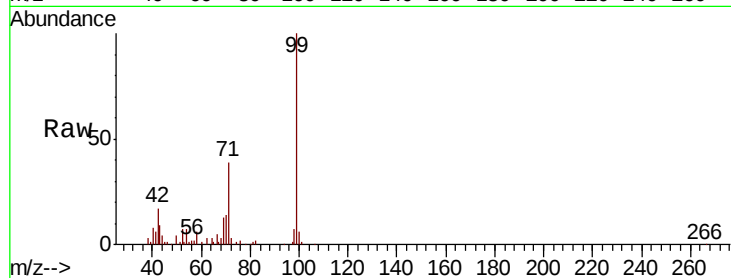
Tot Ion: 99 Resp: 82231

Ion Ratio Lower Upper

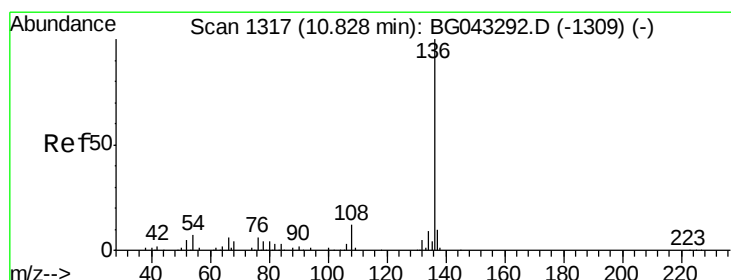
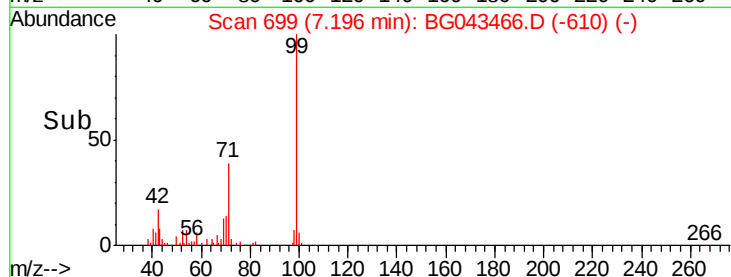
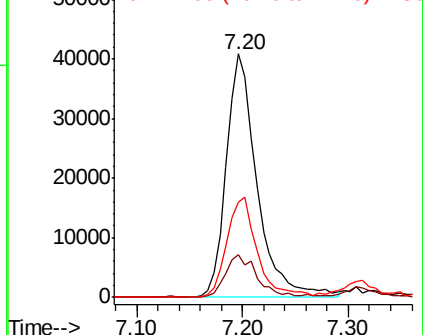
99 100

42 17.4 14.9 22.3

71 39.0 32.2 48.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG043466.D

Acq: 1 Nov 2019 15:23

Tgt Ion: 136 Resp: 157687

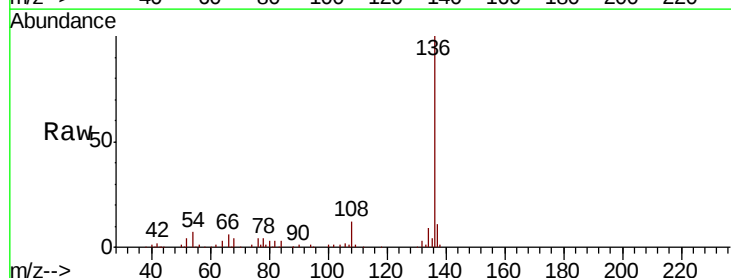
Ion Ratio Lower Upper

136 100

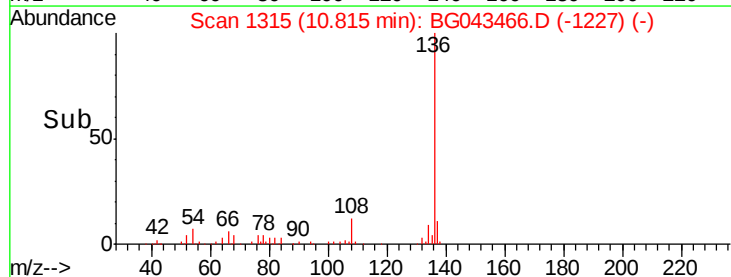
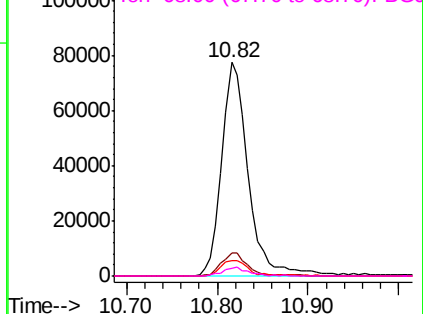
137 10.8 8.2 12.2

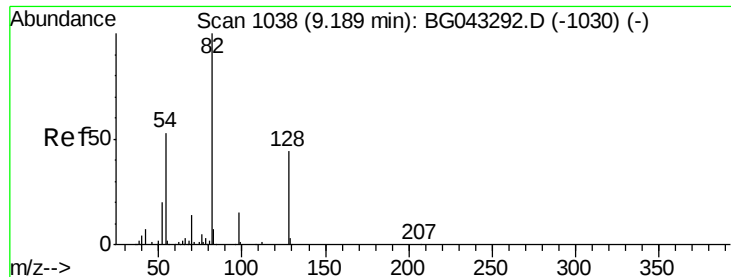
54 7.2 5.4 8.2

68 3.6 3.3 4.9



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

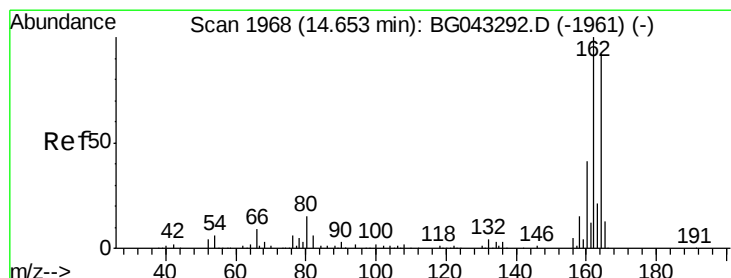
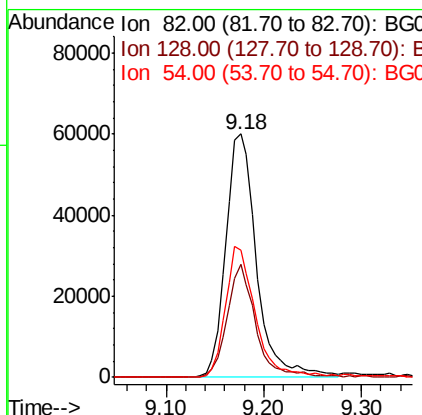
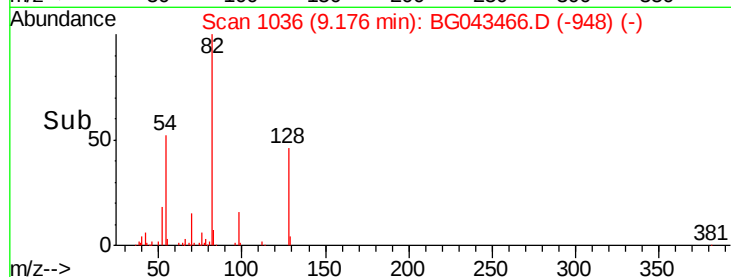
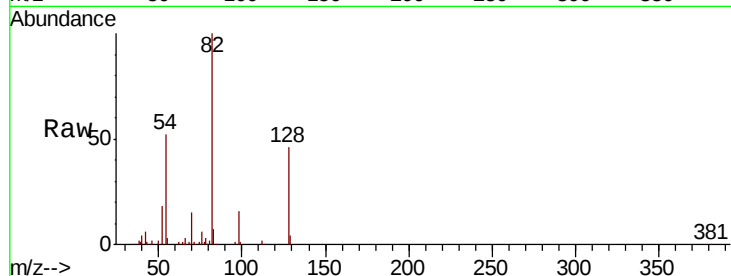




#23
Nitrobenzene-d5
Concen: 43.086 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG043466.D
Acq: 1 Nov 2019 15:23

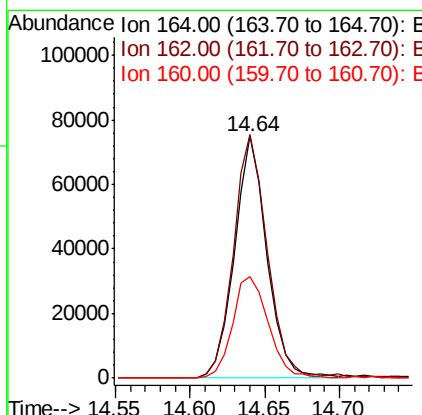
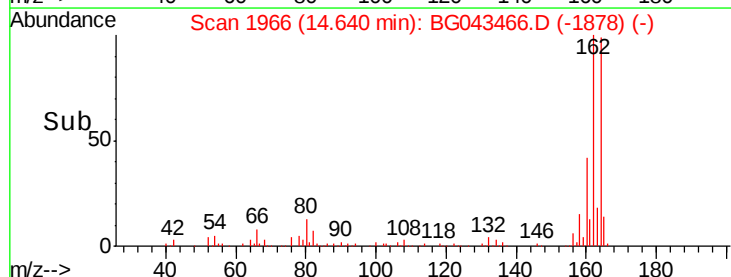
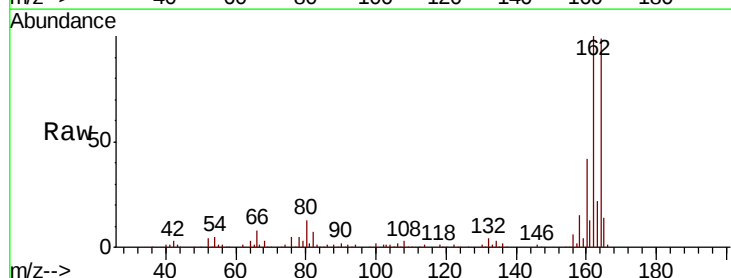
Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

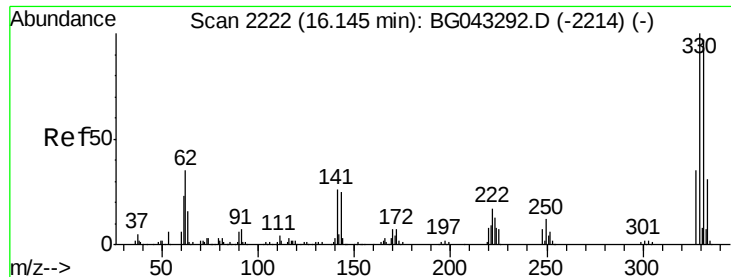
Tot Ion: 82 Resp: 131784
Ion Ratio Lower Upper
82 100
128 46.3 35.3 52.9
54 52.2 42.3 63.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG043466.D
Acq: 1 Nov 2019 15:23

Tgt Ion: 164 Resp: 112833
Ion Ratio Lower Upper
164 100
162 100.7 87.0 130.4
160 41.8 35.5 53.3

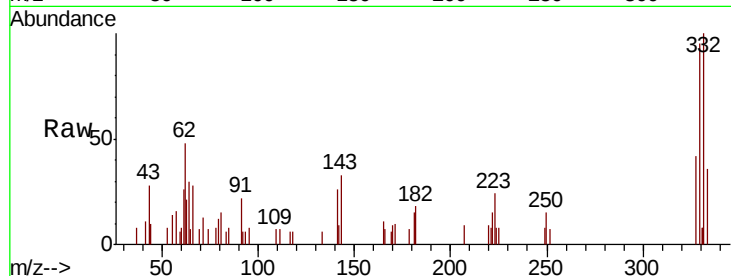




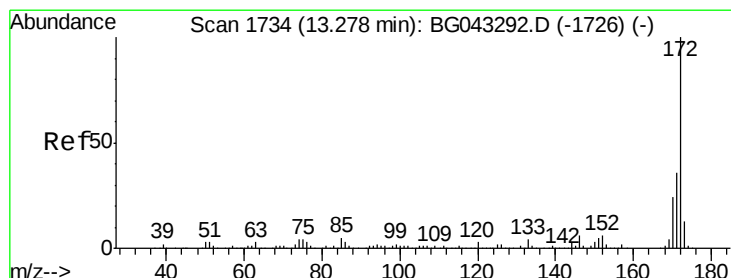
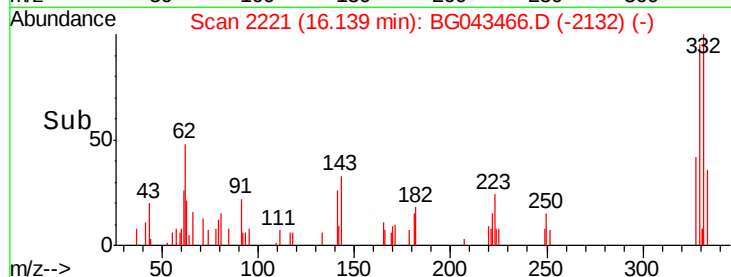
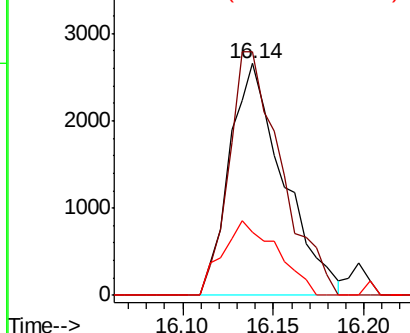
#42
 2,4,6-Tribromophenol
 Concen: 2.564 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG043466.D
 Acq: 1 Nov 2019 15:23

Instrument :
 BNA_G
 ClientSampleId :
 20190941-AMENDED-COMPOSITE-

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.1	76.4	114.6
141	32.8	21.4	32.0

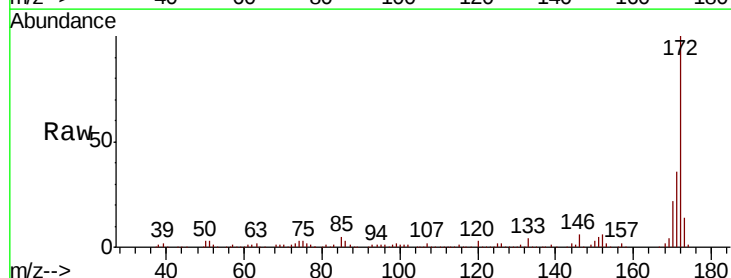


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

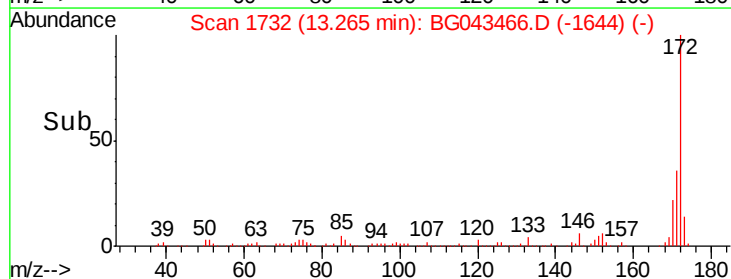
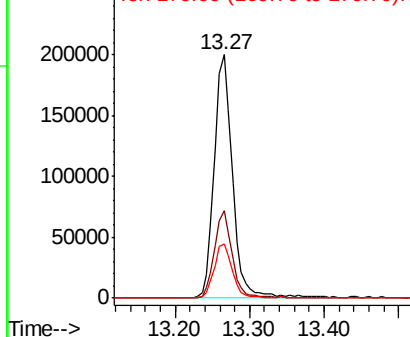


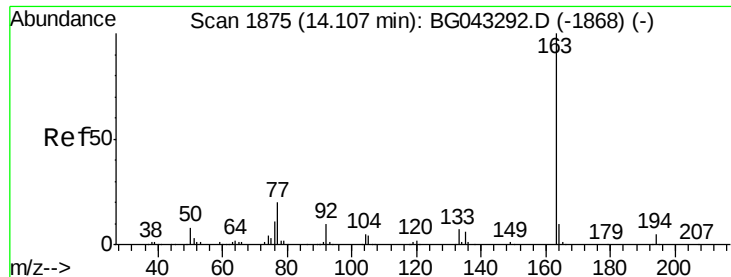
#45
 2-Fluorobiphenyl
 Concen: 41.797 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG043466.D
 Acq: 1 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	22.4	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

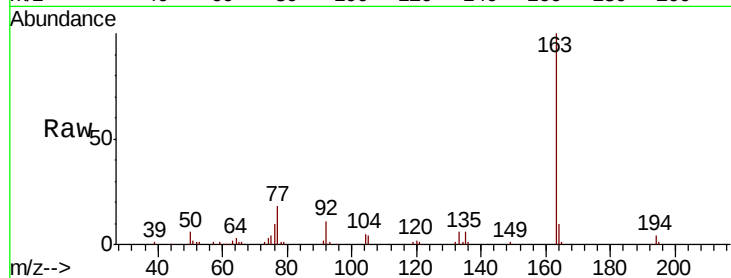




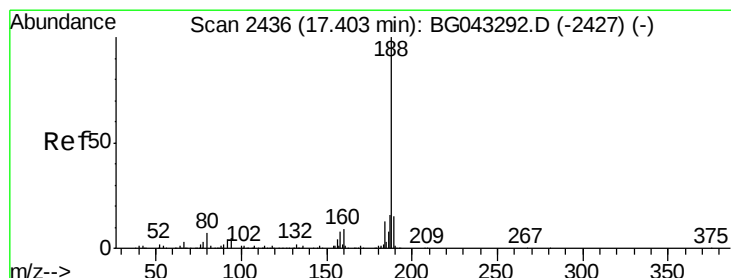
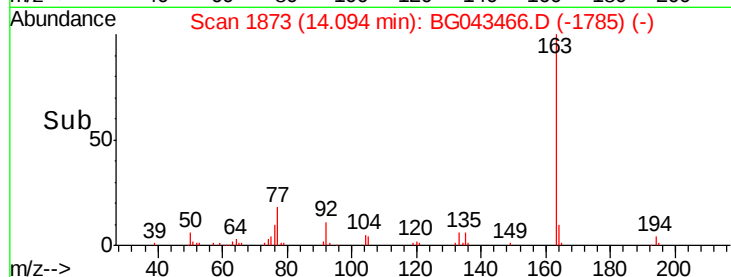
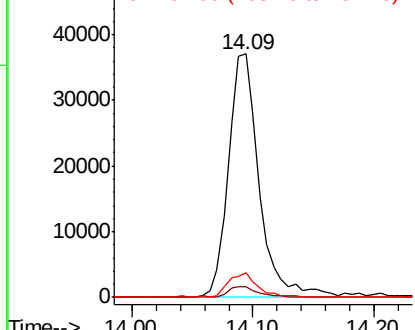
#50
Dimethylphthalate
Concen: 7.517 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG043466.D
Acq: 1 Nov 2019 15:23

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

Tot Ion:163 Resp: 65700
Ion Ratio Lower Upper
163 100
194 4.3 3.7 5.5
164 10.1 8.1 12.1

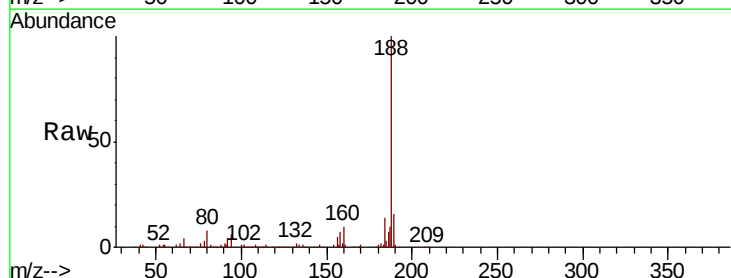


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

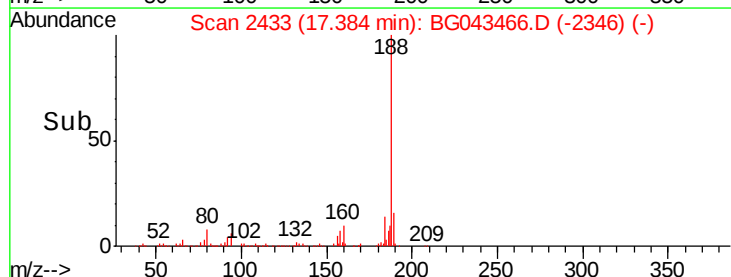
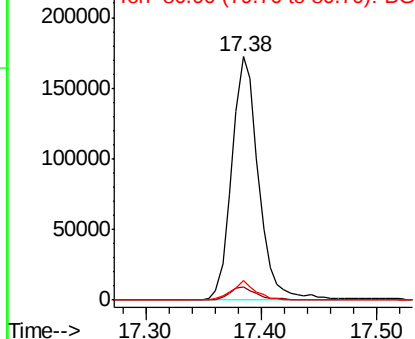


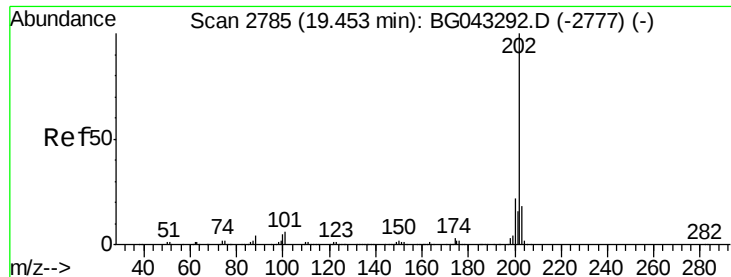
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.02 min
Lab File: BG043466.D
Acq: 1 Nov 2019 15:23

Tgt Ion:188 Resp: 276683
Ion Ratio Lower Upper
188 100
94 5.5 4.2 6.2
80 7.8 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





#75

Fluoranthene

Concen: 2.127 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG043466.D

Acq: 1 Nov 2019 15:23

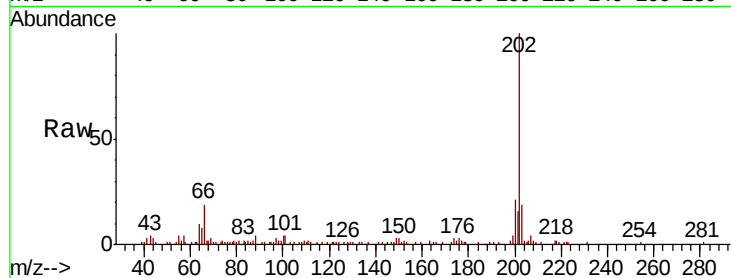
Instrument :

BNA_G

ClientSampleId :

20190941-AMENDED-COMPOSITE-

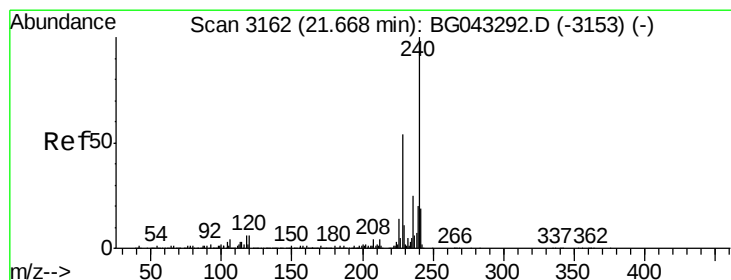
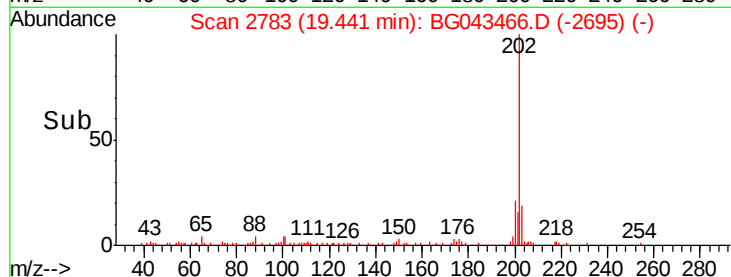
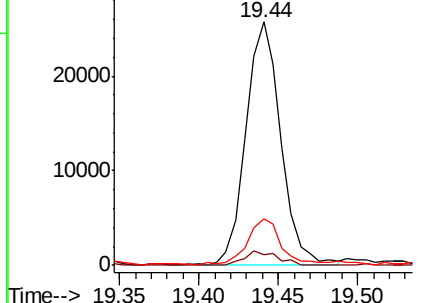
Tot Ion:	202	Resp:	39291
Ion Ratio	Lower	Upper	
202	100		
101	4.4	0.0	26.0
203	19.2	0.0	38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

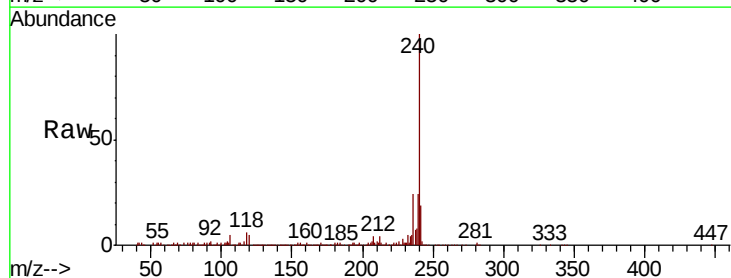
RT: 21.66 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG043466.D

Acq: 1 Nov 2019 15:23

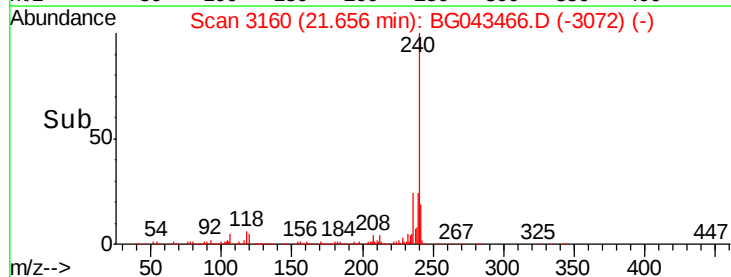
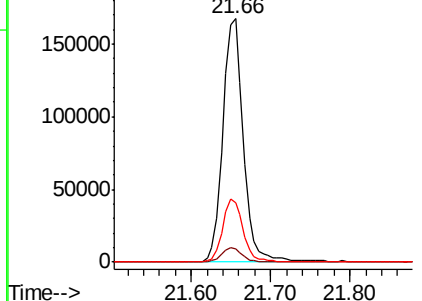
Tgt Ion:	240	Resp:	299993
Ion Ratio	Lower	Upper	
240	100		
120	5.5	4.6	7.0
236	24.2	20.2	30.4

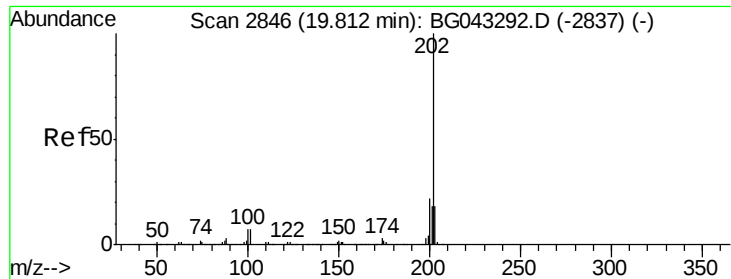


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.155 ng

RT: 19.80 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG043466.D

Acq: 1 Nov 2019 15:23

Instrument :

BNA_G

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20190941-AMENDED-COMPOSITE-

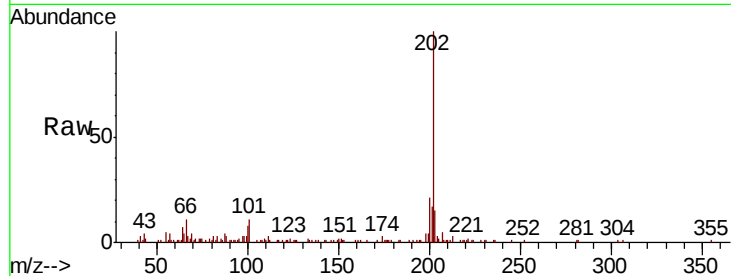
Tot Ion:202 Resp: 40021

Ion Ratio Lower Upper

202 100

200 20.8 17.3 25.9

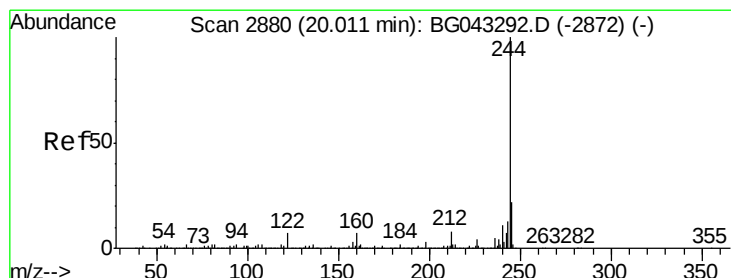
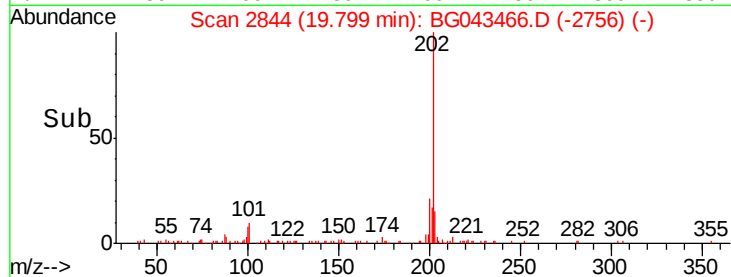
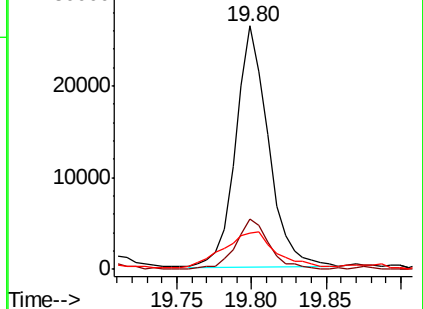
203 15.0 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 44.630 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.02 min

Lab File: BG043466.D

Acq: 1 Nov 2019 15:23

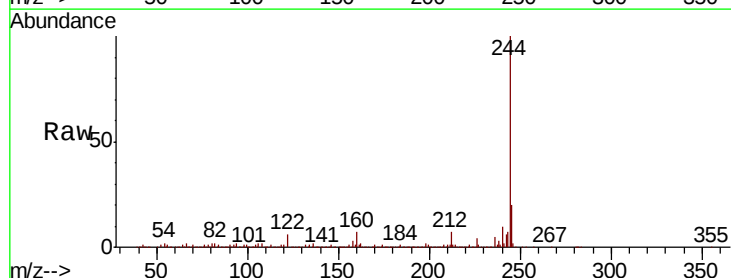
Tgt Ion:244 Resp: 713660

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

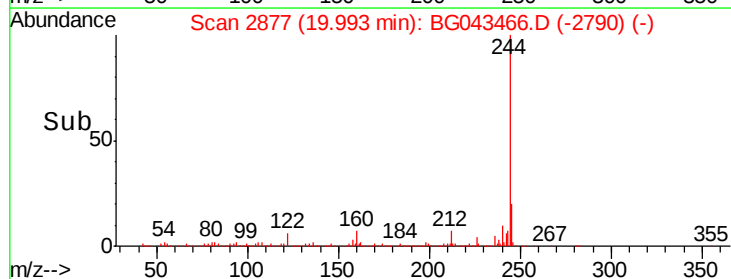
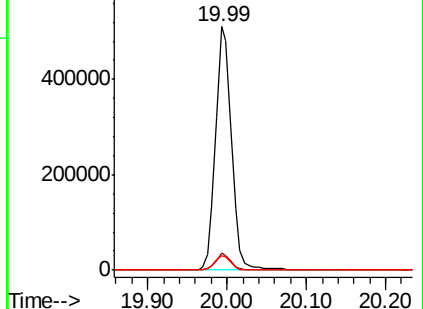
122 5.9 5.3 7.9

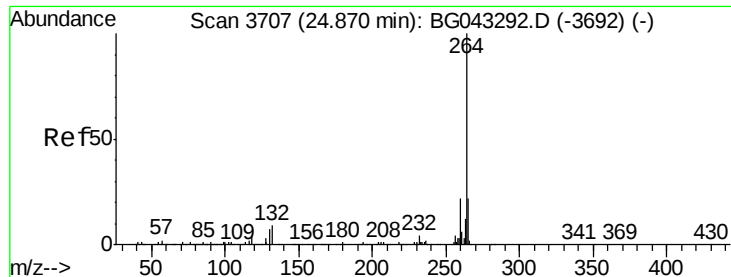


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

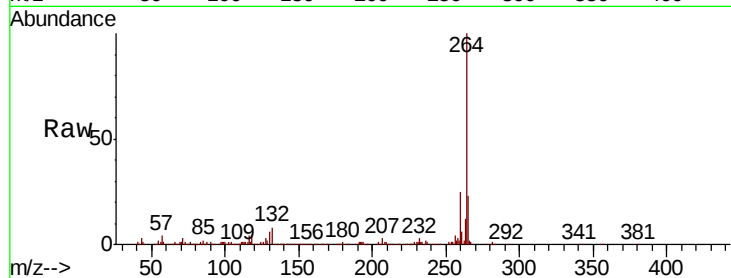




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.84 min Scan# 3702
 Delta R.T. -0.03 min
 Lab File: BG043466.D
 Acq: 1 Nov 2019 15:23

Instrument :
 BNA_G
 ClientSampleId :
 20190941-AMENDED-COMPOSITE-

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	17.9	26.9
265	22.8	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

