

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 22 05:35:41 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

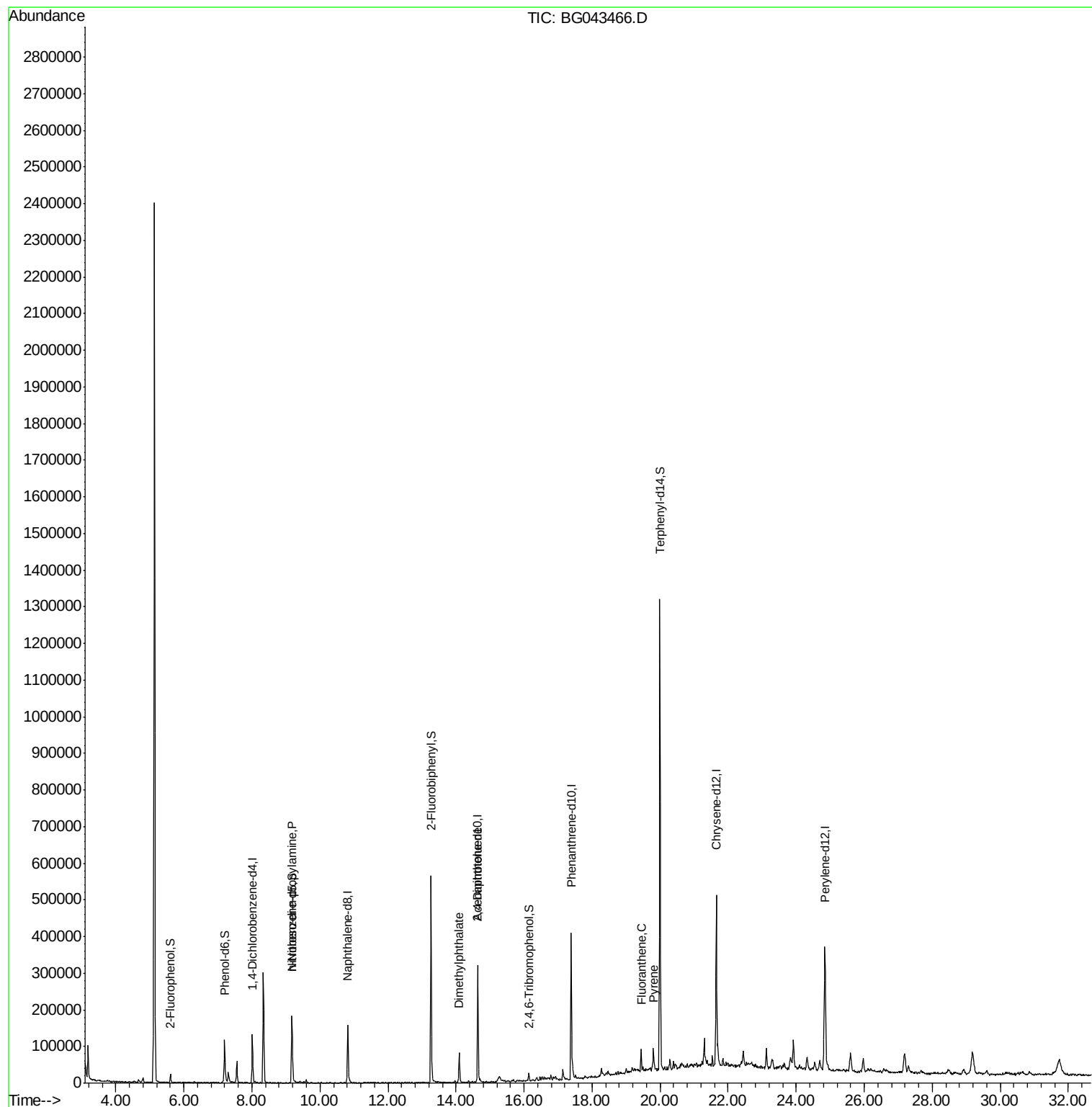
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	41313	20.00	ng	0.02
21) Naphthalene-d8	10.82	136	157687	20.00	ng	0.02
39) Acenaphthene-d10	14.64	164	112833	20.00	ng	0.02
64) Phenanthrene-d10	17.38	188	276683	20.00	ng	0.02
76) Chrysene-d12	21.66	240	299993	20.00	ng	0.02
87) Perylene-d12	24.84	264	365323	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	11783	5.23	ng	0.02
7) Phenol-d6	7.20	99	82231	25.35	ng	0.01
23) Nitrobenzene-d5	9.18	82	131784	43.09	ng	0.02
42) 2,4,6-Tribromophenol	16.14	330	5506	2.56	ng	0.02
45) 2-Fluorobiphenyl	13.27	172	341300	41.80	ng	0.02
79) Terphenyl-d14	19.99	244	713660	44.63	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	18069	8.621	ng	Qvalue # 66
50) Dimethylphthalate	14.09	163	65700	7.517	ng	99
57) 2,4-Dinitrotoluene	14.64	165	16308	6.010	ng	# 27
75) Fluoranthene	19.44	202	39291	2.127	ng	96
78) Pyrene	19.80	202	40021	2.155	ng	96

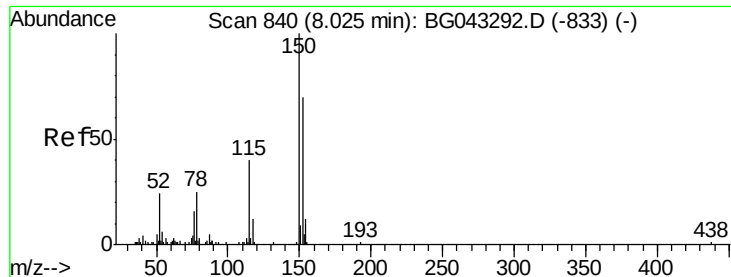
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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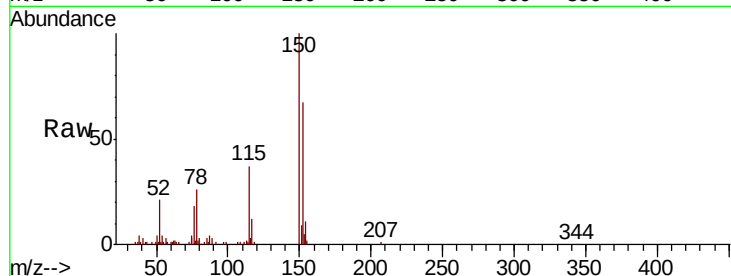


#1

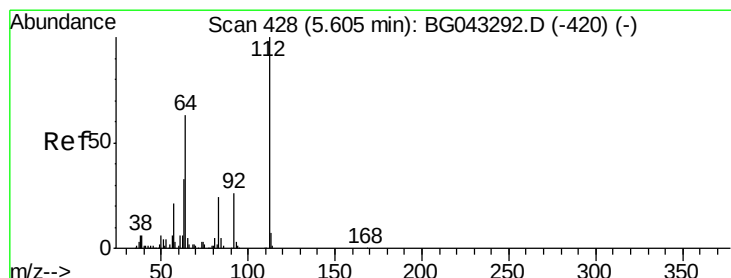
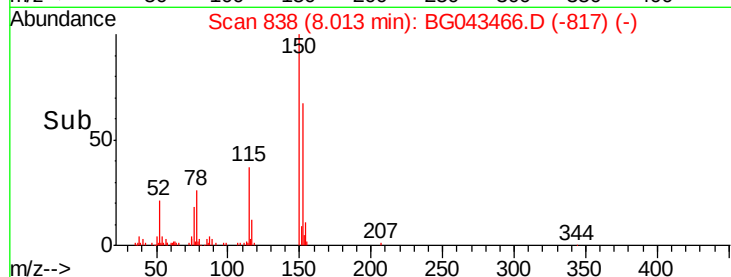
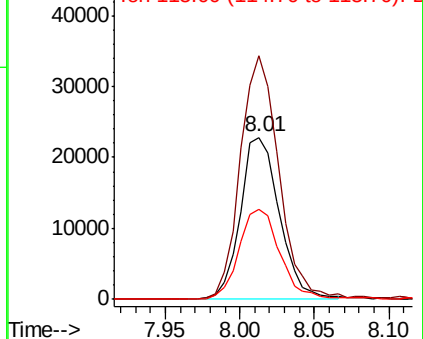
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.02 min
Lab File: BG043466.D
Acq: 1 Nov 2019 15:23

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

Tot Ion:152 Resp: 41313
Ion Ratio Lower Upper
152 100
150 150.3 116.6 175.0
115 55.2 40.5 60.7



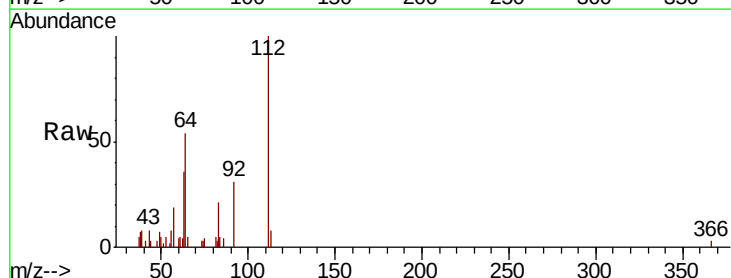
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



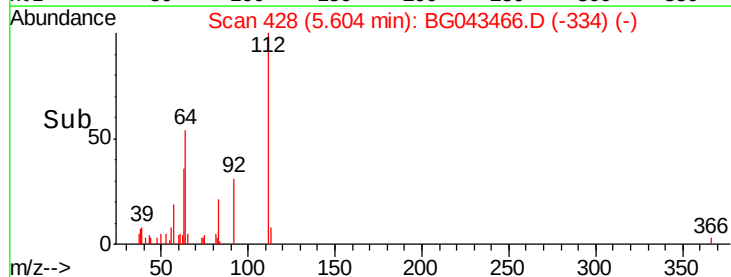
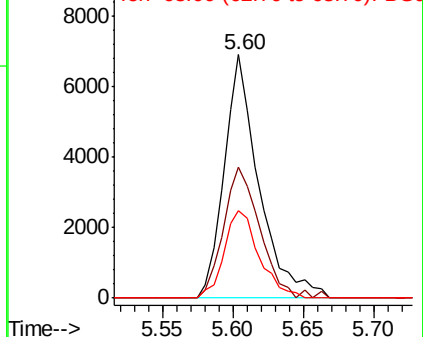
#5

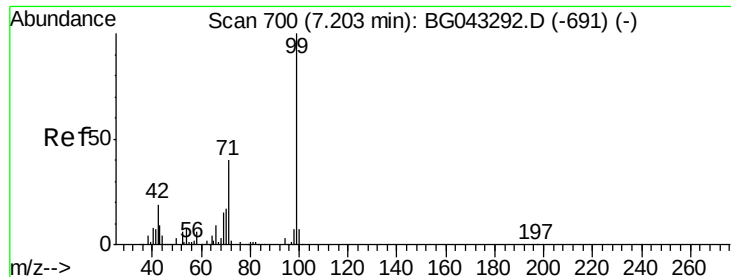
2-Fluorophenol
Concen: 5.226 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.02 min
Lab File: BG043466.D
Acq: 1 Nov 2019 15:23

Tgt Ion:112 Resp: 11783
Ion Ratio Lower Upper
112 100
64 54.0 50.6 75.8
63 35.7 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: 25.351 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-

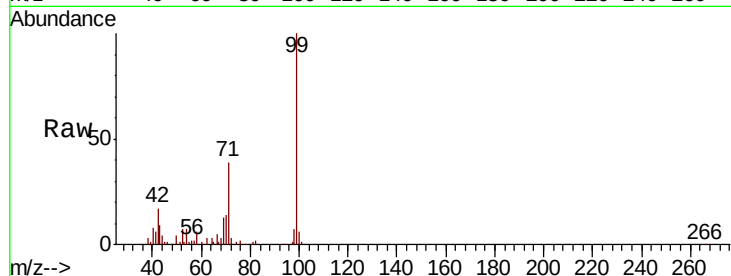
Tot Ion: 99 Resp: 82231

Ion Ratio Lower Upper

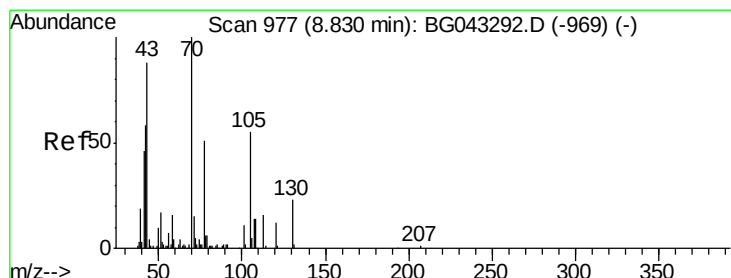
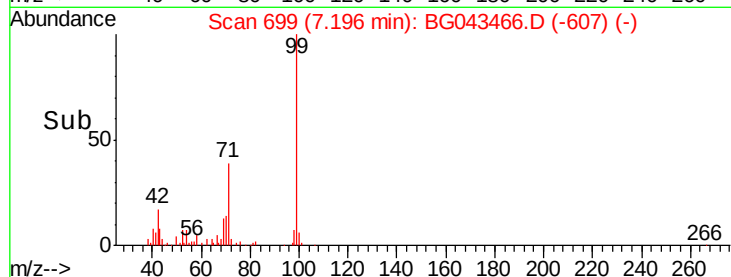
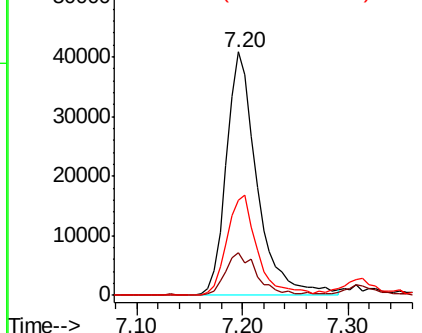
99 100

42 17.4 15.8 23.8

71 39.0 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: 8.621 ng

RT: 9.18 min Scan# 1036

Delta R.T. 0.38 min

Lab File: BG043466.D

Acq: 1 Nov 2019 15:23

Tgt Ion: 70 Resp: 18069

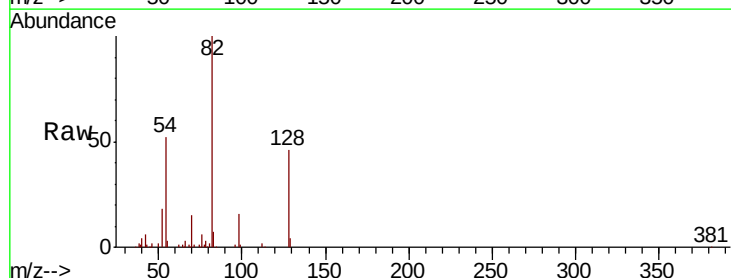
Ion Ratio Lower Upper

70 100

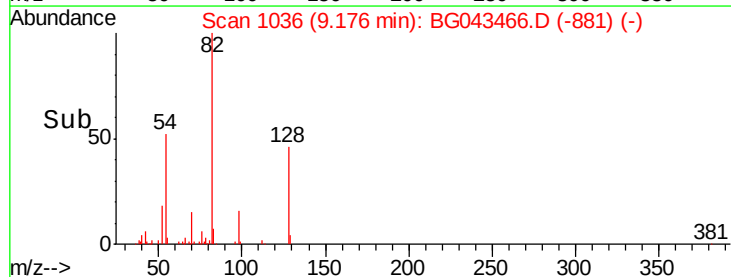
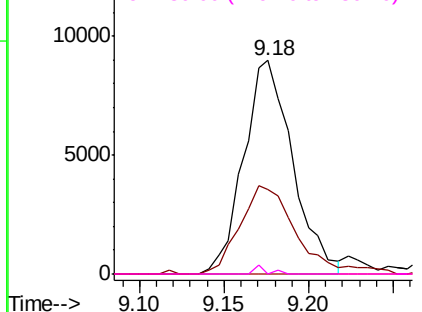
42 39.4 49.7 74.5#

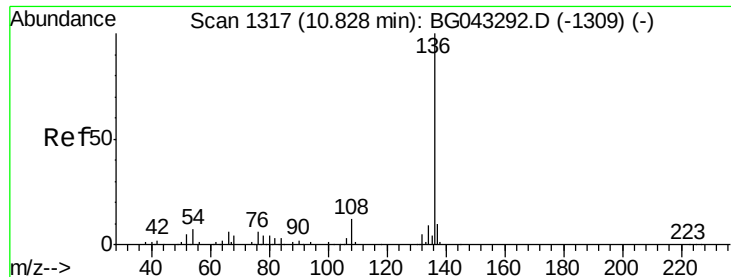
101 0.0 9.7 14.5#

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

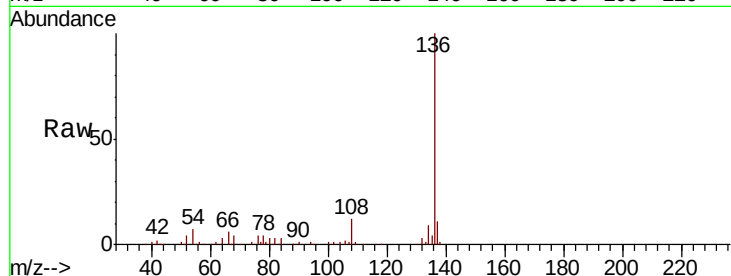




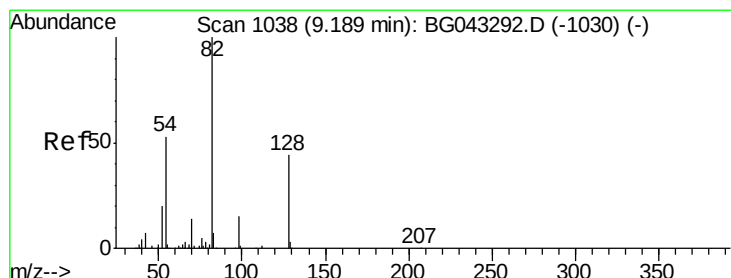
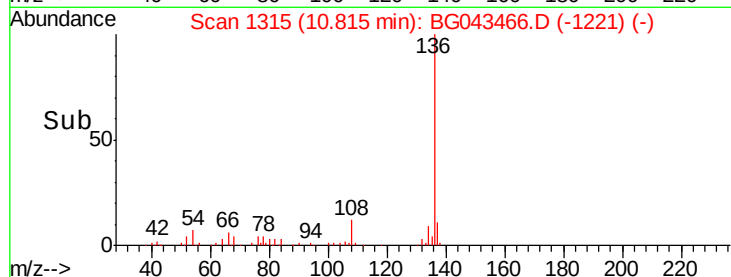
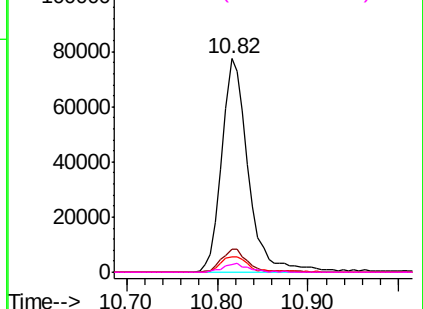
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.02 min
Lab File: BG043466.D
Acq: 1 Nov 2019 15:23

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

Tot Ion:136	Resp:	157687	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.8	13.2	
54 7.2	6.2	9.2	
68 3.6	3.4	5.0	

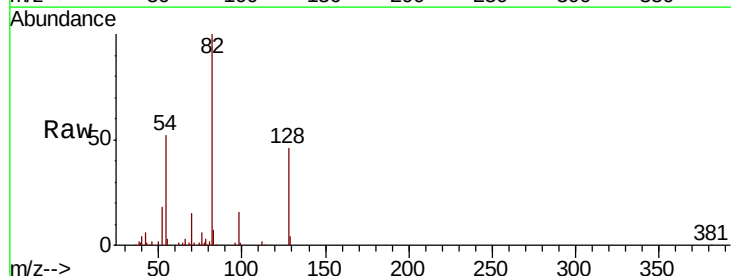


Abundance Ion 136.00 (135.70 to 136.70): E
120000 Ion 137.00 (136.70 to 137.70): E
100000 Ion 54.00 (53.70 to 54.70): BGC
80000 Ion 68.00 (67.70 to 68.70): BGC

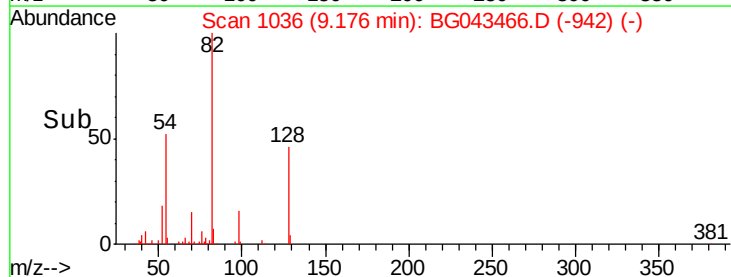
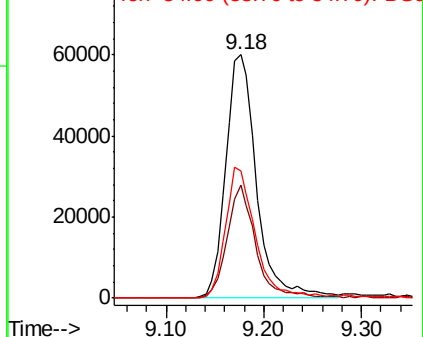


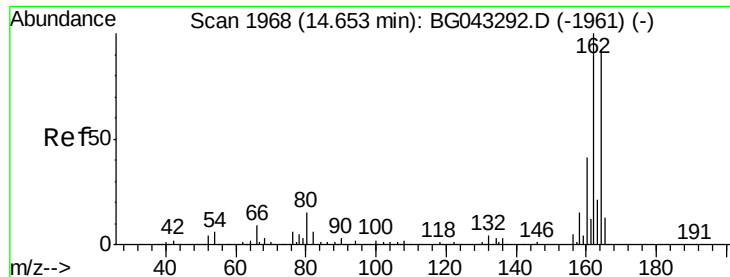
#23
Nitrobenzene-d5
Concen: 43.086 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.02 min
Lab File: BG043466.D
Acq: 1 Nov 2019 15:23

Tgt Ion: 82	Resp: 131784
Ion Ratio	Lower Upper
82 100	
128 46.3	34.2 51.4
54 52.2	44.7 67.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
80000 Ion 128.00 (127.70 to 128.70): E
60000 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. 0.02 min

Lab File: BG043466.D

Acq: 1 Nov 2019 15:23

Instrument :

BNA_G

ClientSampleId :

20190941-AMENDED-COMPOSITE-

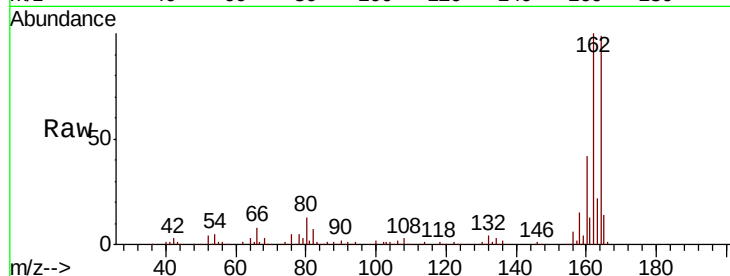
Tot Ion:164 Resp: 112833

Ion Ratio Lower Upper

164 100

162 100.7 79.4 119.2

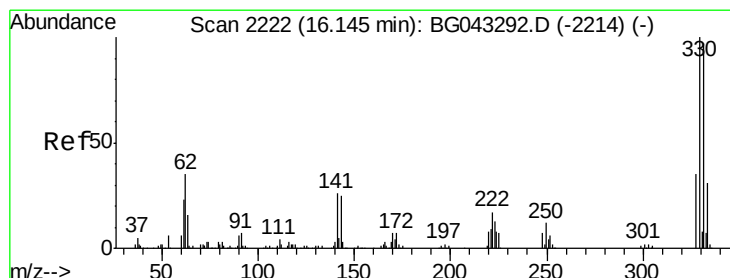
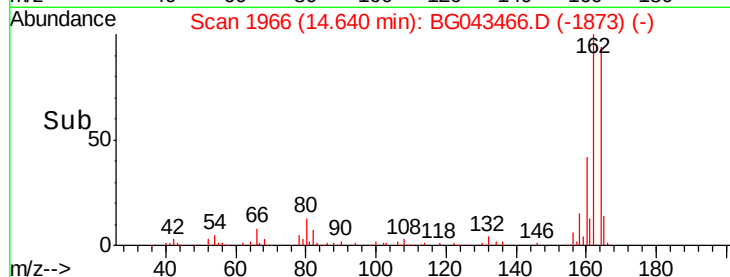
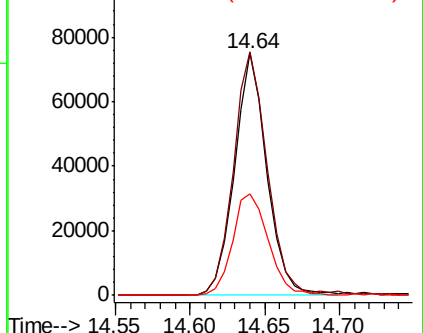
160 41.8 36.3 54.5



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: 2.564 ng

RT: 16.14 min Scan# 2221

Delta R.T. 0.02 min

Lab File: BG043466.D

Acq: 1 Nov 2019 15:23

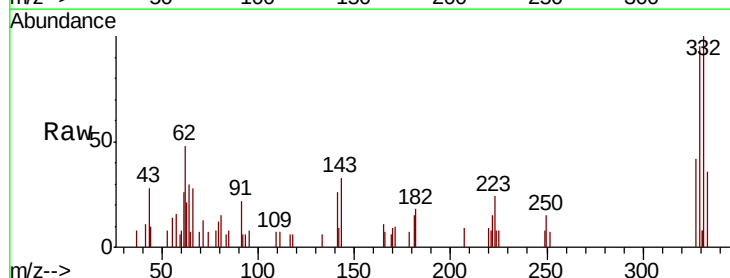
Tgt Ion:330 Resp: 5506

Ion Ratio Lower Upper

330 100

332 102.1 76.6 115.0

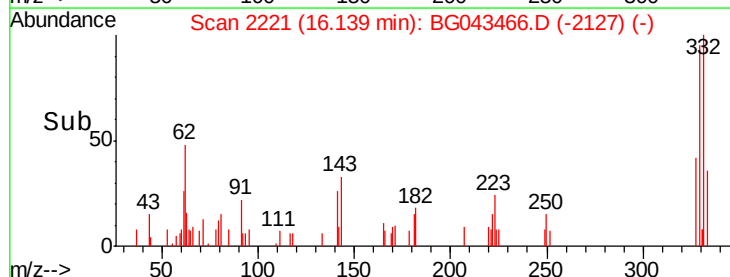
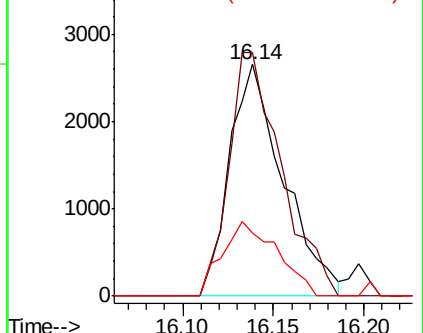
141 32.8 23.4 35.2

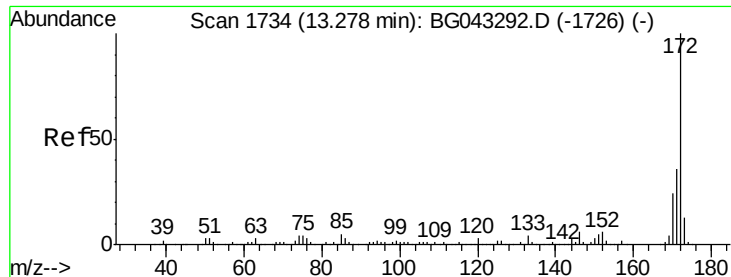


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

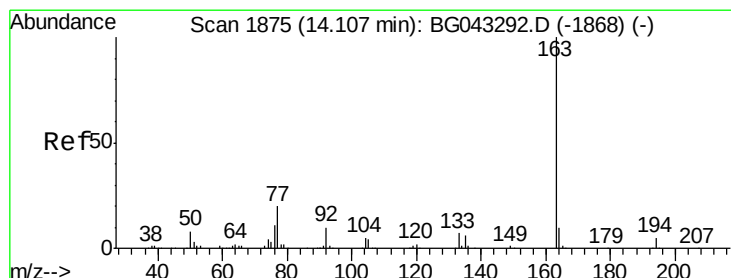
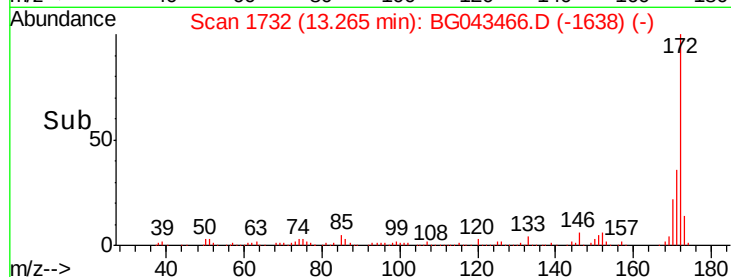
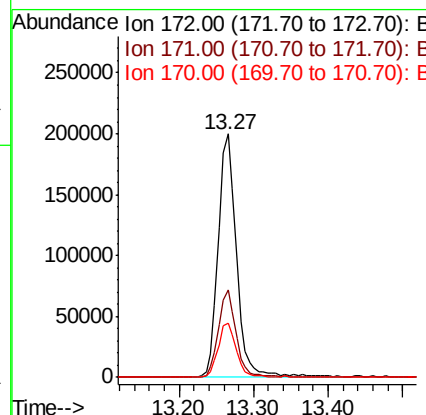
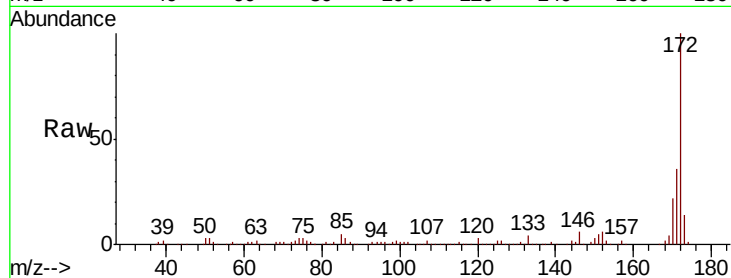




#45
2-Fluorobiphenyl
Concen: 41.797 ng
RT: 13.27 min Scan# 1732
Delta R.T. 0.02 min
Lab File: BG043466.D
Acq: 1 Nov 2019 15:23

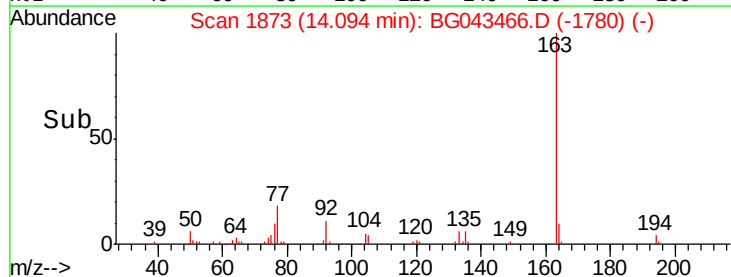
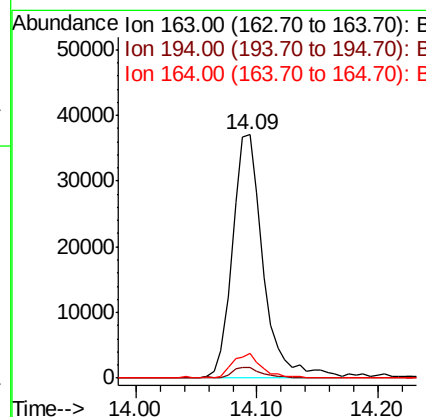
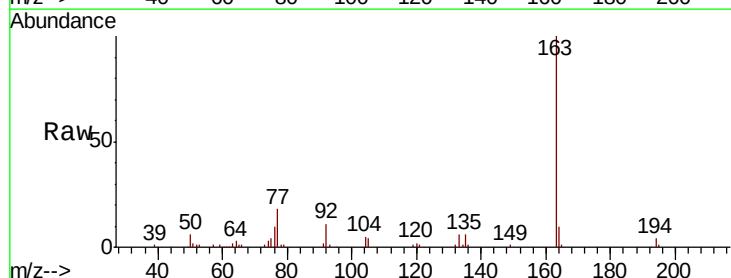
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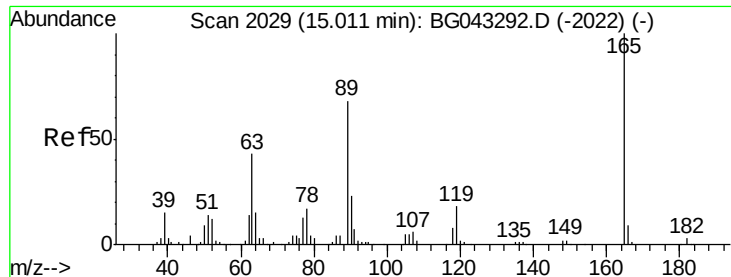
Tot Ion:172 Resp: 341300
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 22.4 18.8 28.2



#50
Dimethylphthalate
Concen: 7.517 ng
RT: 14.09 min Scan# 1873
Delta R.T. 0.02 min
Lab File: BG043466.D
Acq: 1 Nov 2019 15:23

Tgt Ion:163 Resp: 65700
Ion Ratio Lower Upper
163 100
194 4.3 3.8 5.8
164 10.1 8.5 12.7

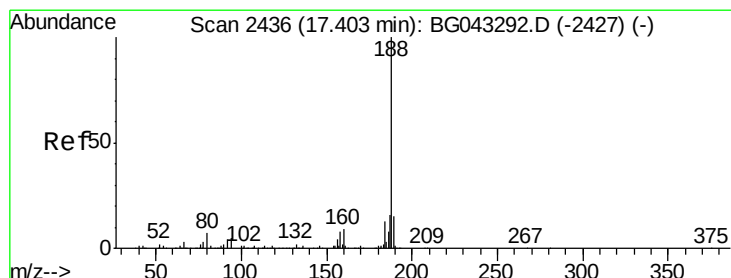
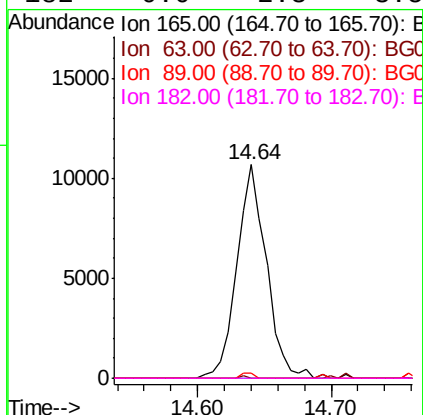
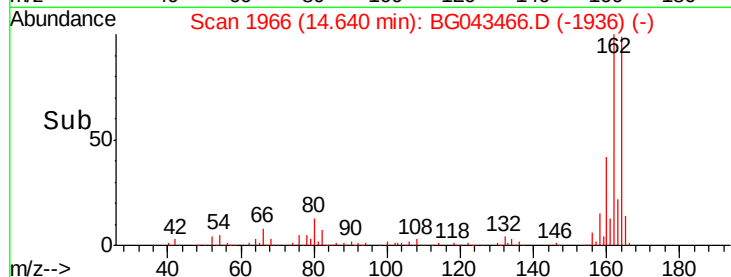
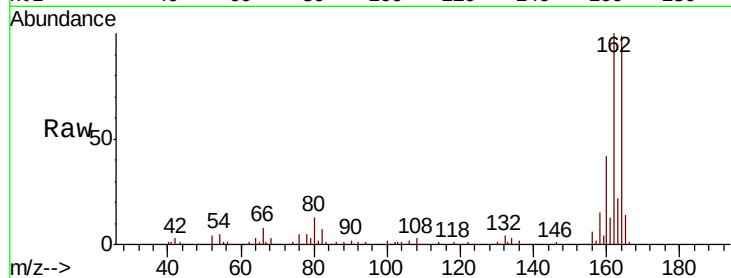




#57
 2,4-Dinitrotoluene
 Concen: 6.010 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.35 min
 Lab File: BG043466.D
 Acq: 1 Nov 2019 15:23

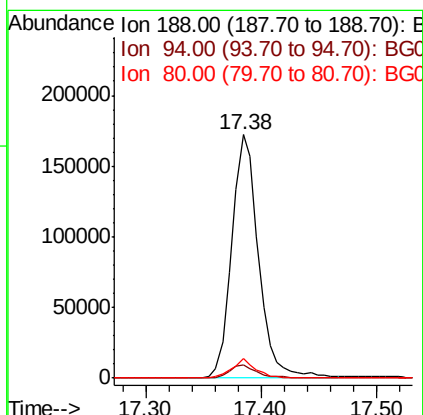
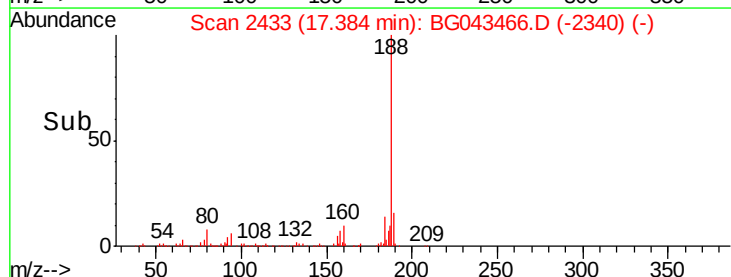
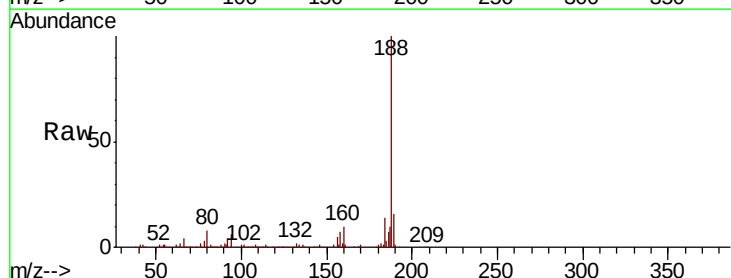
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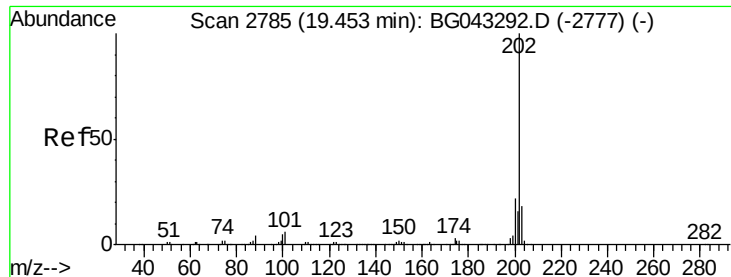
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.4	56.0#
89	2.2	50.9	76.3#
182	0.0	2.3	3.5#



#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	Ratio	Lower	Upper
188	100		
94	5.5	4.6	7.0
80	7.8	5.2	7.8#





#75

Fluoranthene

Concen: 2.127 ng

RT: 19.44 min Scan# 2783

Delta R.T. 0.02 min

Lab File: BG043466.D

Acq: 1 Nov 2019 15:23

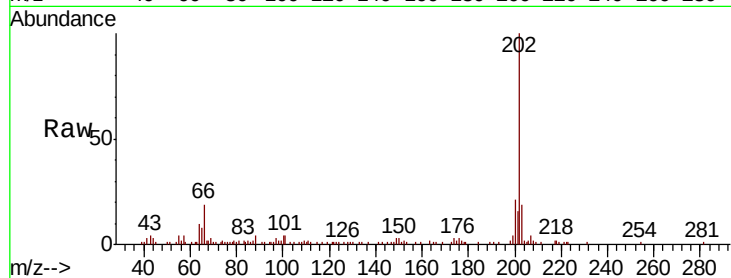
Instrument :

BNA_G

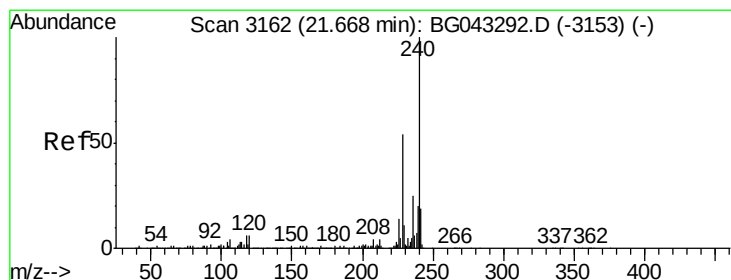
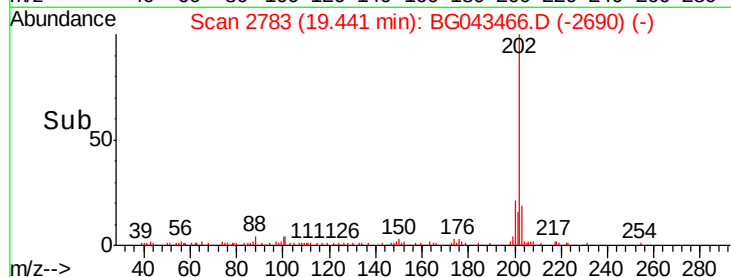
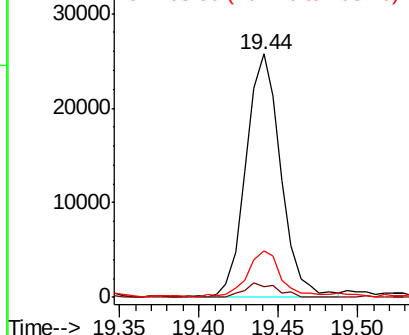
ClientSampleId :

20190941-AMENDED-COMPOSITE-

Tot Ion:	202	Resp:	39291
Ion	Ratio	Lower	Upper
202	100		
101	4.4	0.0	25.6
203	19.2	0.0	37.6



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

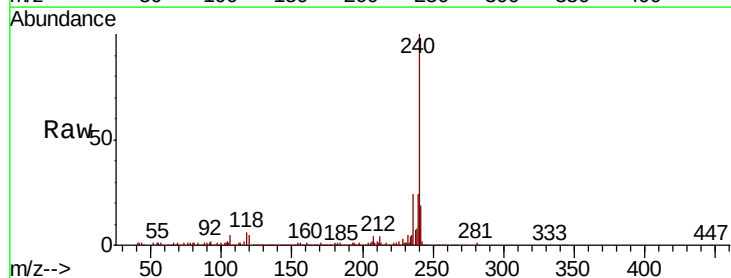
RT: 21.66 min Scan# 3160

Delta R.T. 0.02 min

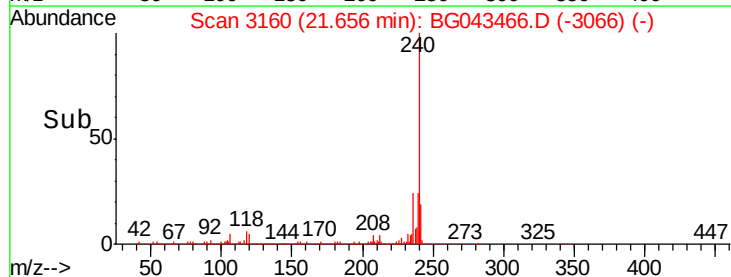
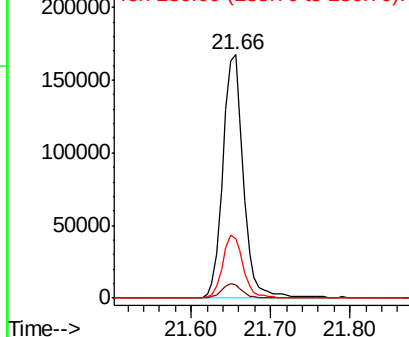
Lab File: BG043466.D

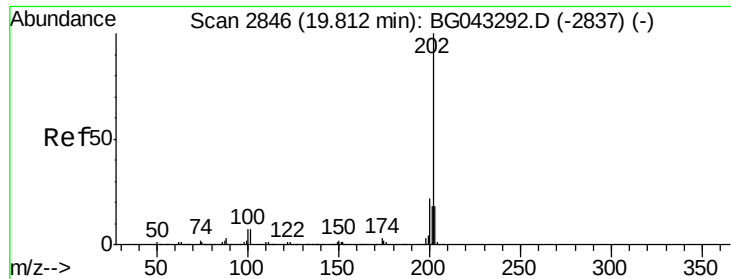
Acq: 1 Nov 2019 15:23

Tgt Ion:	240	Resp:	299993
Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.9	7.3
236	24.2	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

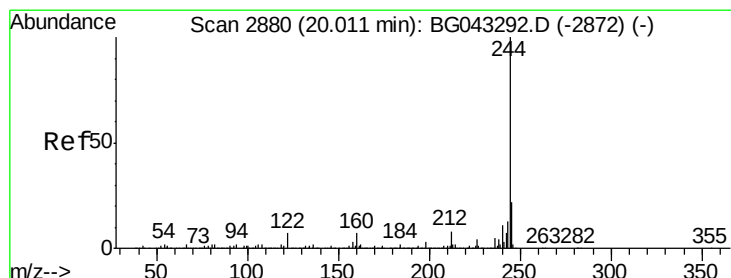
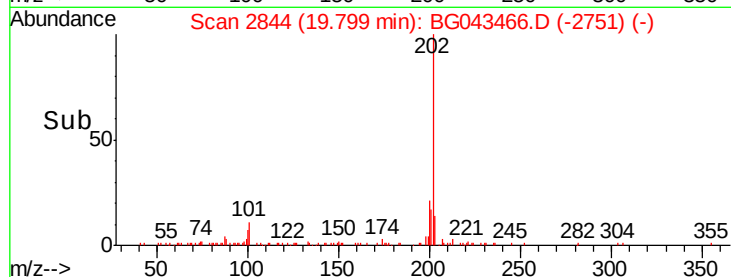
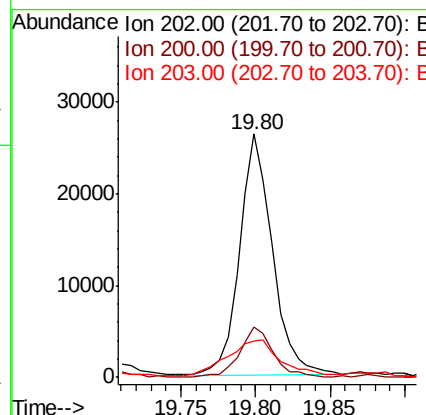
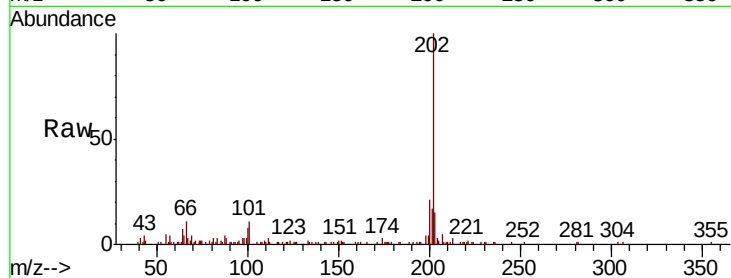




#78
 Pvrene
 Concen: 2.155 ng
 RT: 19.80 min Scan# 2844
 Delta R.T. 0.02 min
 Lab File: BG043466.D
 Acq: 1 Nov 2019 15:23

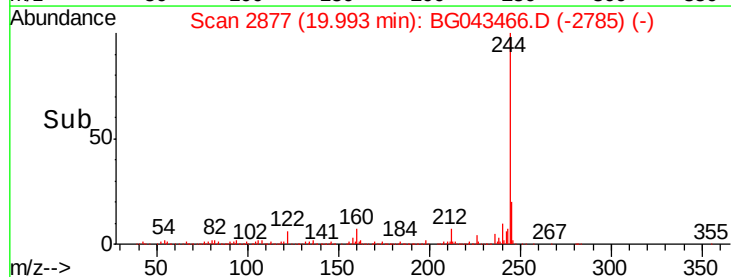
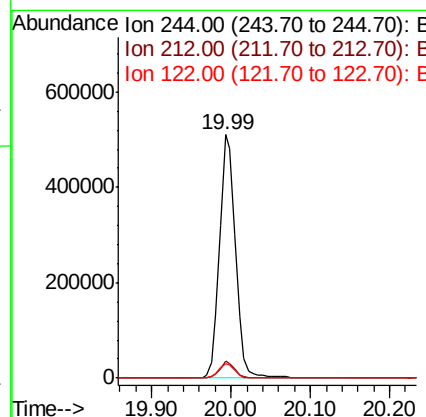
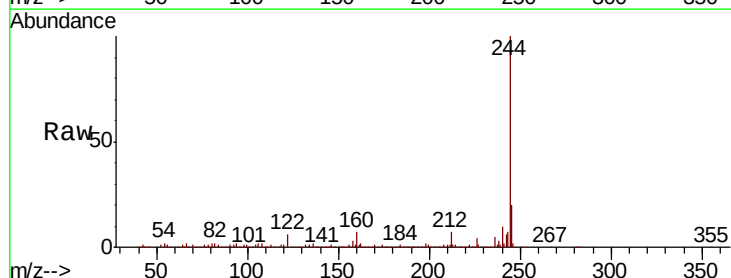
Instrument :
 BNA_G
 ClientSampleId :
 20190941-AMENDED-COMPOSITE-

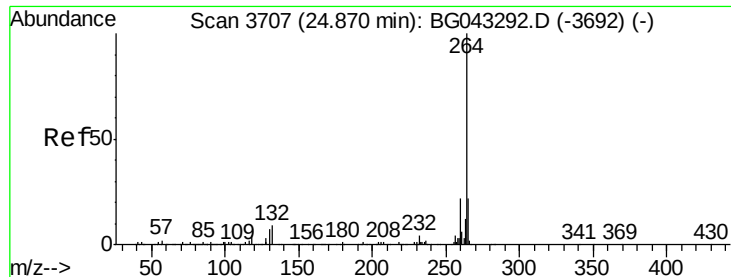
Tot Ion:	202	Resp:	40021
Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	15.0	14.8	22.2



#79
 Terphenyl-d14
 Concen: 44.630 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. 0.01 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	5.6	8.4
122	5.9	5.2	7.8

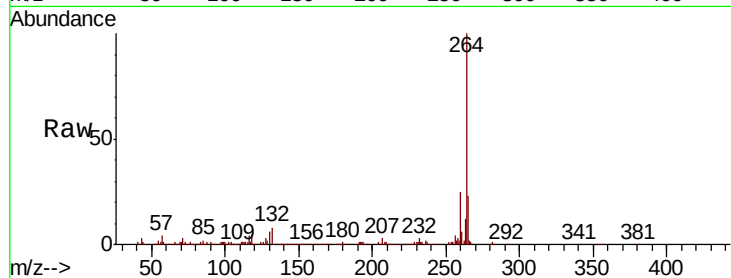




#87
Pervlone-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3702
Delta R.T. 0.03 min
Lab File: BG043466.D
Acq: 1 Nov 2019 15:23

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.4	27.6
265	22.8	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

