

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
 Data File : BG041528.D
 Acq On : 29 Jun 2019 2:08
 Operator : HP/JU
 Sample : K3159-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-062619-B

Quant Time: Jun 29 03:33:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

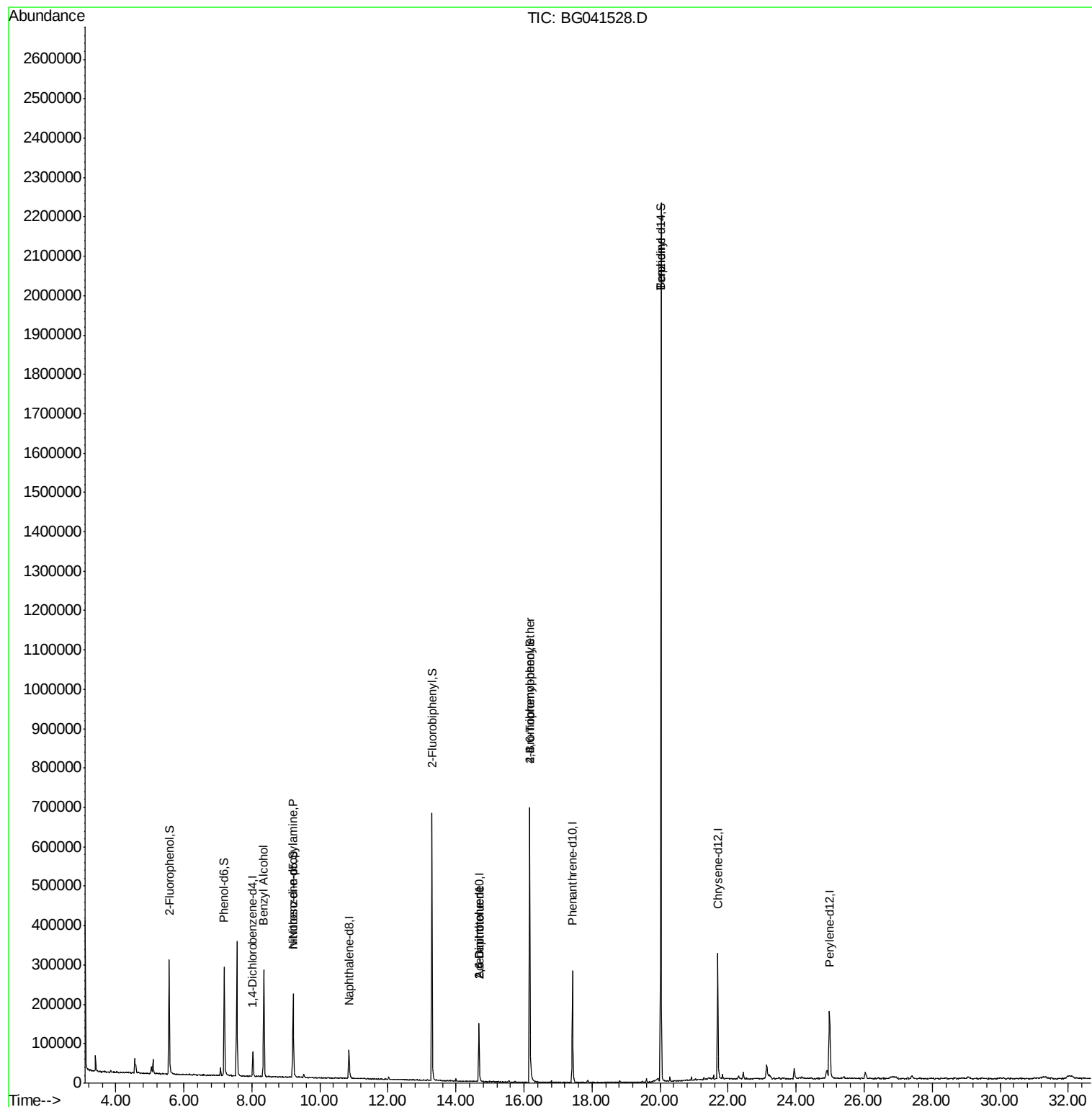
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	18209	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	66774	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	56179	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	191632	20.00	ng	0.00
76) Chrysene-d12	21.70	240	208340	20.00	ng	0.00
87) Perylene-d12	24.98	264	217172	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	118104	115.64	ng	0.00
7) Phenol-d6	7.19	99	149833	104.21	ng	0.00
23) Nitrobenzene-d5	9.21	82	137717	86.02	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	151360	157.79	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	356716	81.48	ng	0.00
79) Terphenyl-d14	20.02	244	1030244	105.09	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.35	79	2527	2.207	ng	# 59
19) n-Nitroso-di-n-propylamine	9.21	70	19272	17.970	ng	# 72
51) 2,6-Dinitrotoluene	14.67	165	7553	6.962	ng	# 15
57) 2,4-Dinitrotoluene	14.67	165	7553	4.799	ng	# 20
67) 4-Bromophenyl-phenylether	16.16	248	10864	4.149	ng	# 1
77) Benzidine	20.02	184	17573	3.802	ng	# 93

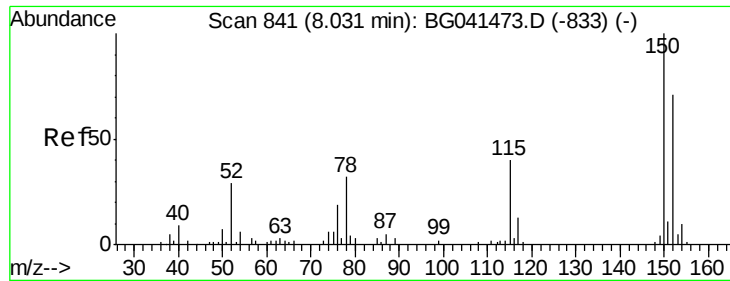
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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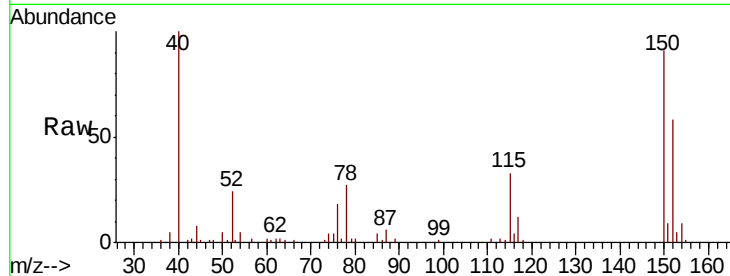


#1

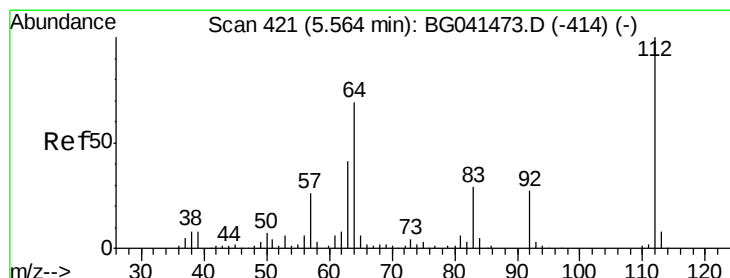
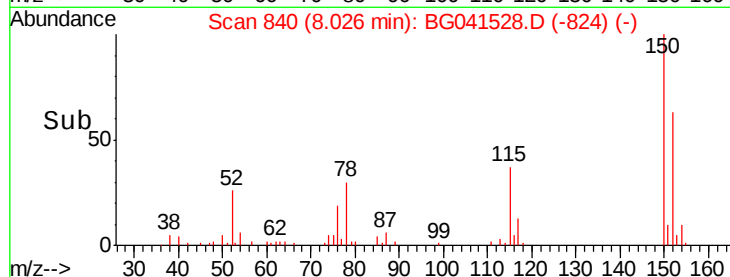
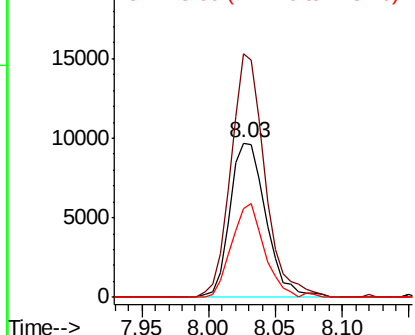
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG041528.D
Acq: 29 Jun 2019 2:08

Instrument :
BNA_G
ClientSampleId :
OR-03-062619-B

Tgt Ion:152 Resp: 18209
Ion Ratio Lower Upper
152 100
150 157.8 112.4 168.6
115 57.8 44.6 66.8



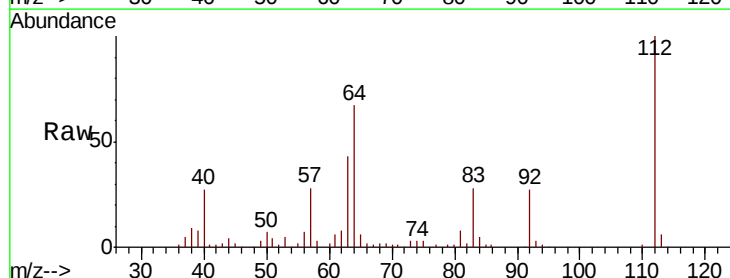
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



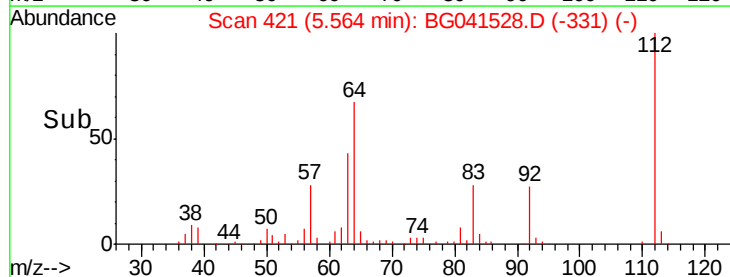
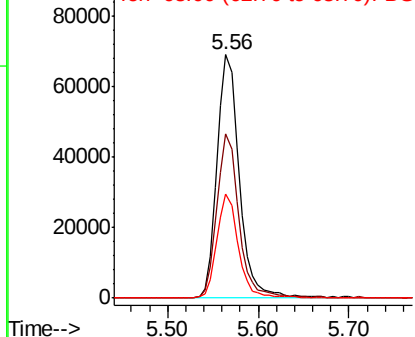
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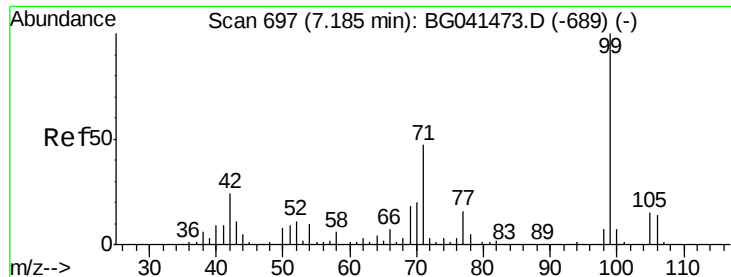
2-Fluorophenol
Concen: 115.636 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG041528.D
Acq: 29 Jun 2019 2:08

Tgt Ion:112 Resp: 118104
Ion Ratio Lower Upper
112 100
64 67.2 55.1 82.7
63 42.5 32.4 48.6



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: 104.211 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG041528.D

Acq: 29 Jun 2019 2:08

Instrument :

BNA_G

ClientSampleId :

OR-03-062619-B

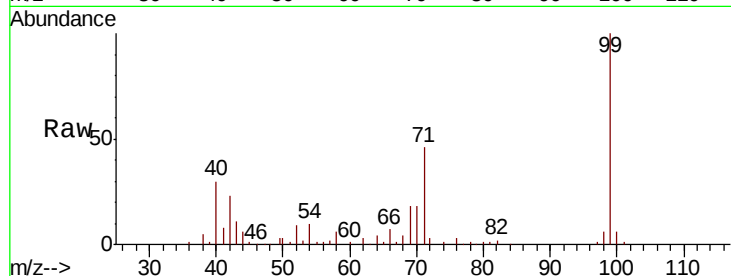
Tgt Ion: 99 Resp: 149833

Ion Ratio Lower Upper

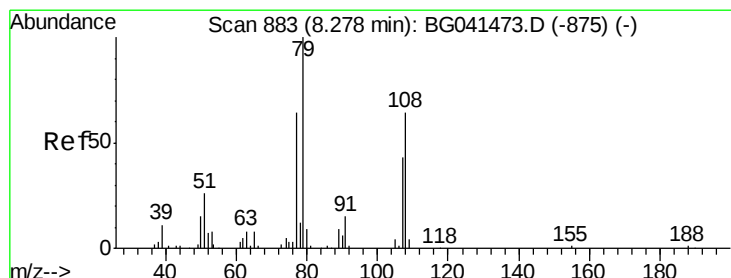
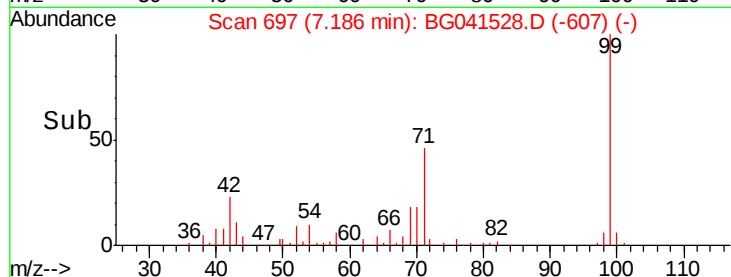
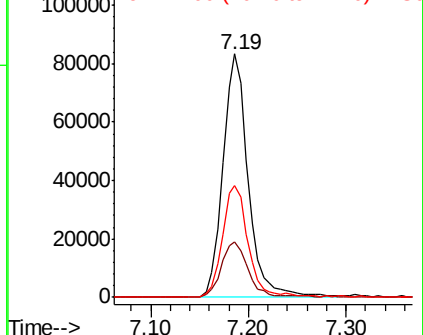
99 100

42 22.8 19.0 28.6

71 46.1 37.4 56.2



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



#15

Benzyl Alcohol

Concen: 2.207 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.07 min

Lab File: BG041528.D

Acq: 29 Jun 2019 2:08

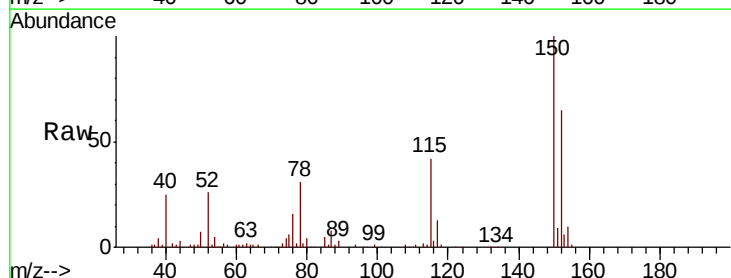
Tgt Ion: 79 Resp: 2527

Ion Ratio Lower Upper

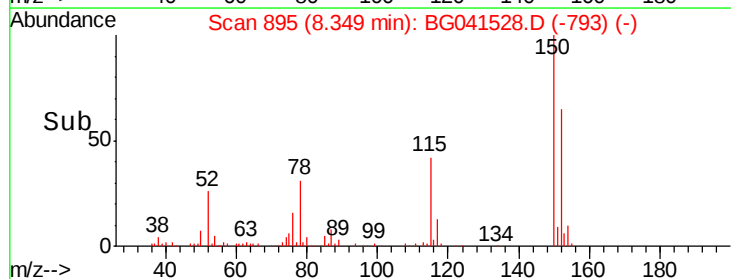
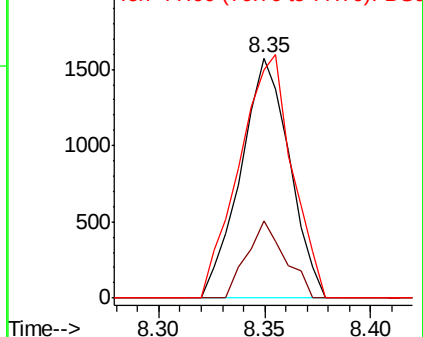
79 100

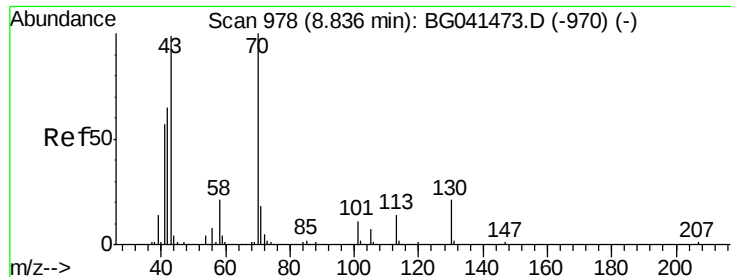
108 32.3 51.4 77.0#

77 95.3 50.8 76.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

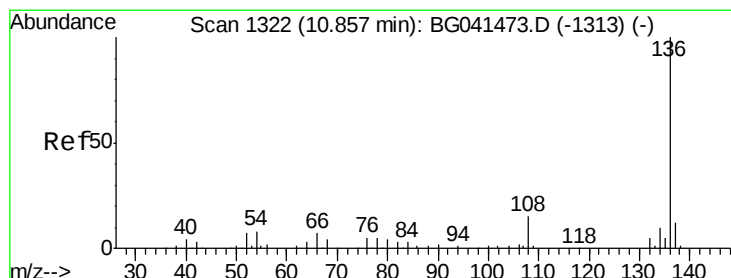
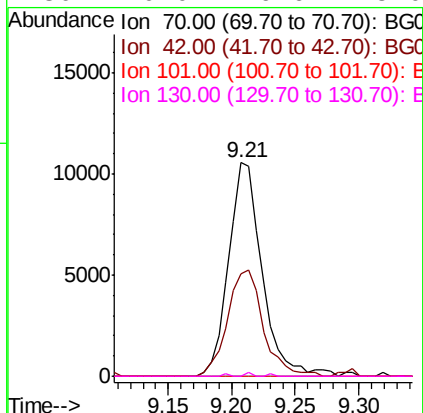
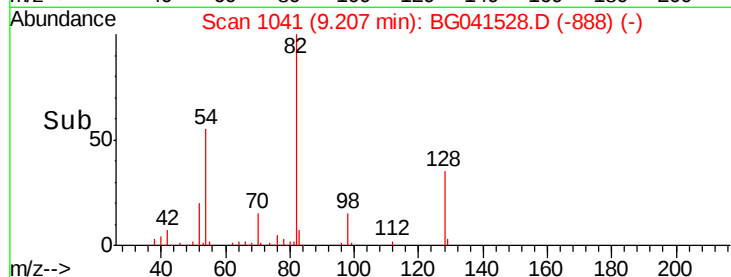
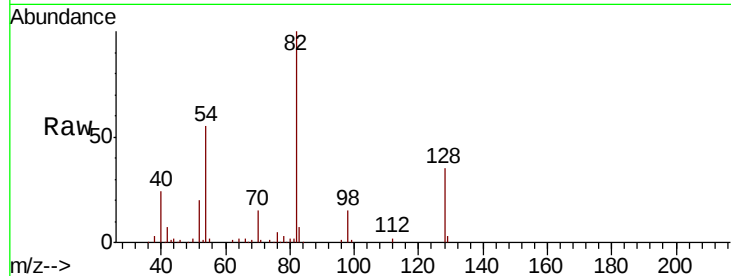




#19
n-Nitroso-di-n-propylamine
Concen: 17.970 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.37 min
Lab File: BG041528.D
Acq: 29 Jun 2019 2:08

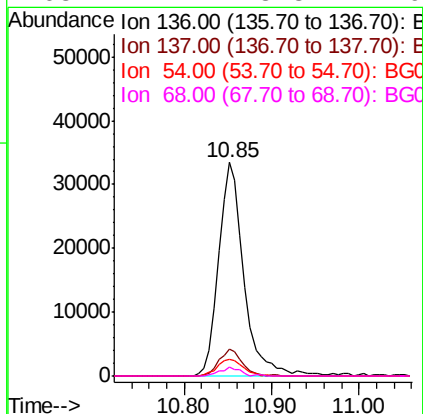
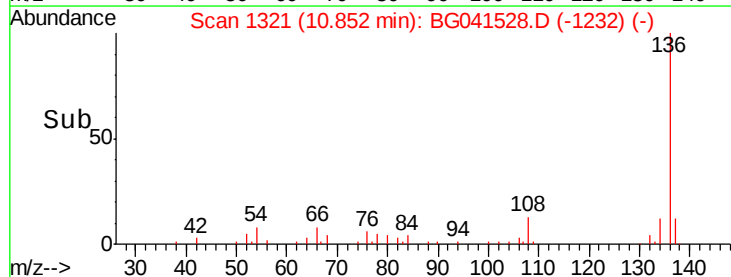
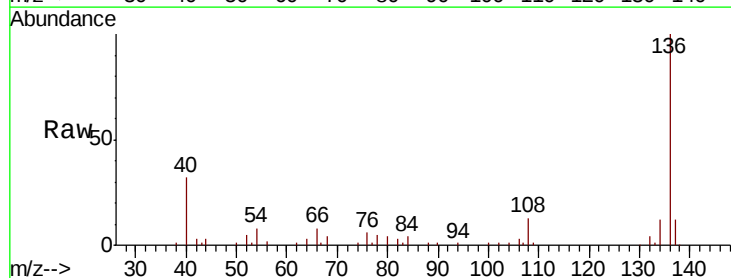
Instrument :
BNA_G
ClientSampleId :
OR-03-062619-B

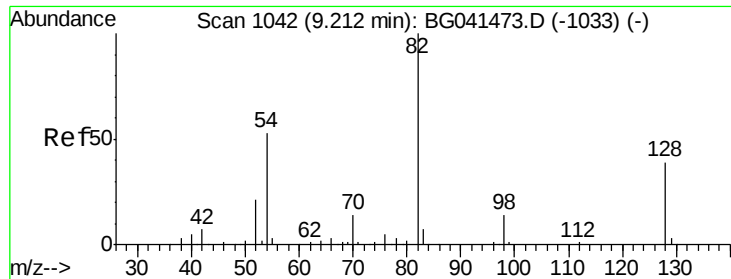
Tgt Ion: 70 Resp: 19272
Ion Ratio Lower Upper
70 100
42 48.2 52.6 78.8#
101 0.0 8.6 13.0#
130 0.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041528.D
Acq: 29 Jun 2019 2:08

Tgt Ion: 136 Resp: 66774
Ion Ratio Lower Upper
136 100
137 12.3 9.3 13.9
54 7.7 7.1 10.7
68 4.4 3.3 4.9

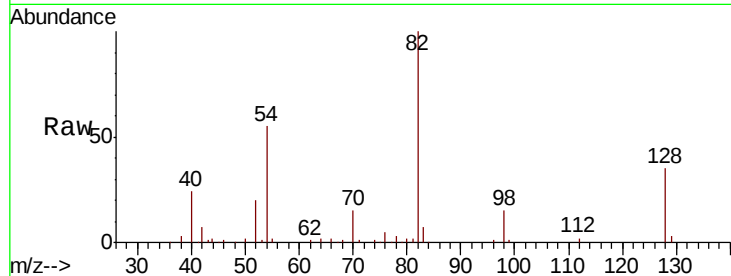




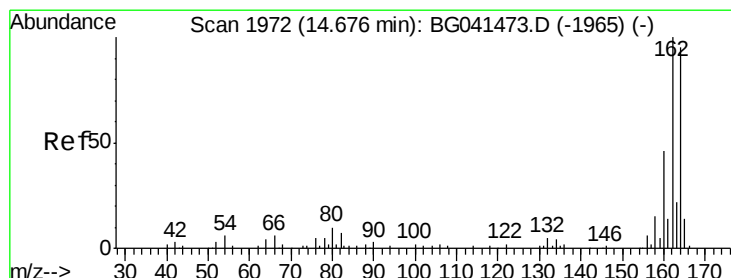
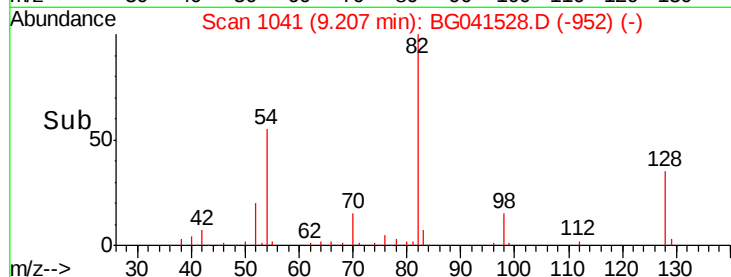
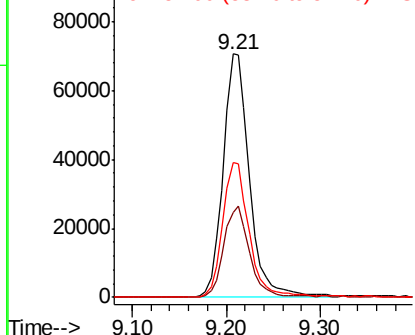
#23
 Nitrobenzene-d5
 Concen: 86.018 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041528.D
 Acq: 29 Jun 2019 2:08

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-062619-B

Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.9	30.9	46.3
54	55.3	42.2	63.2

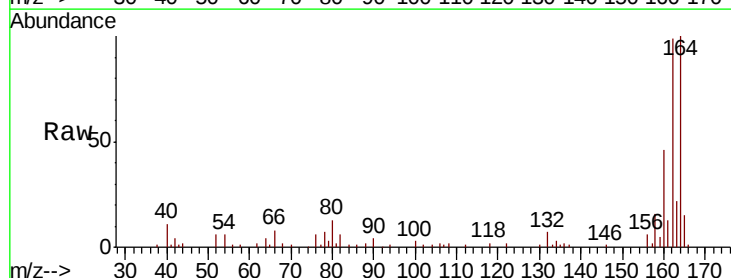


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

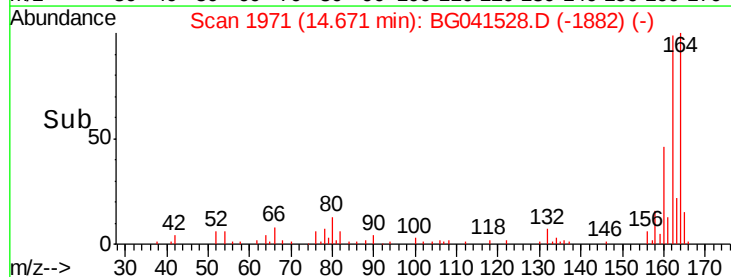
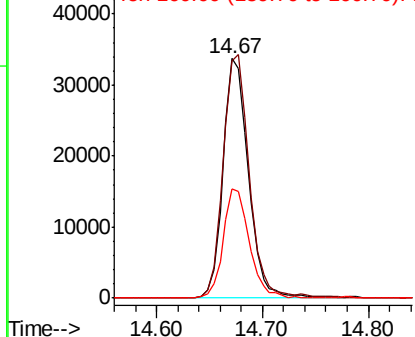


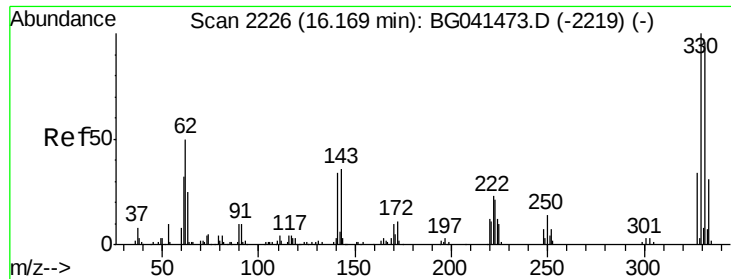
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: BG041528.D
 Acq: 29 Jun 2019 2:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	84.4	126.6
160	45.8	38.8	58.2



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

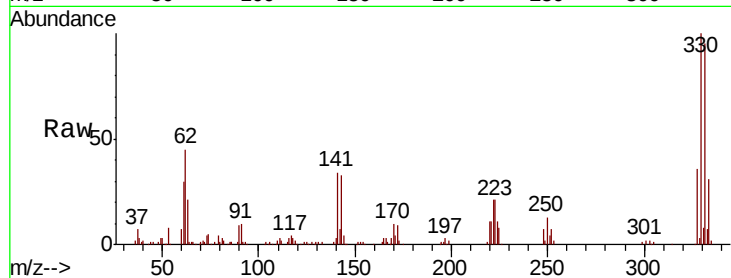




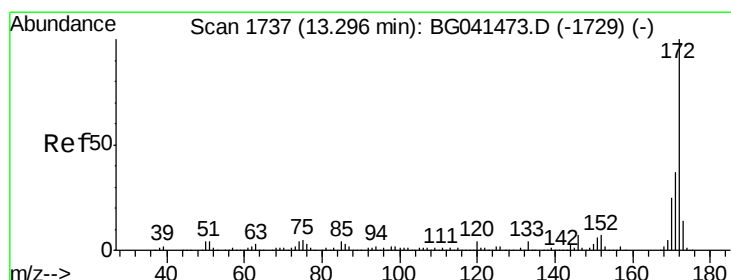
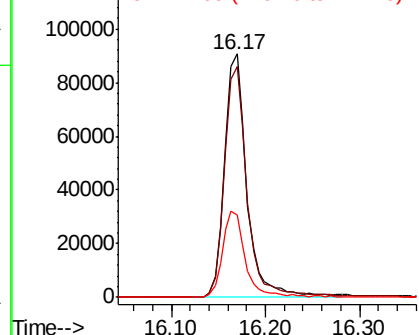
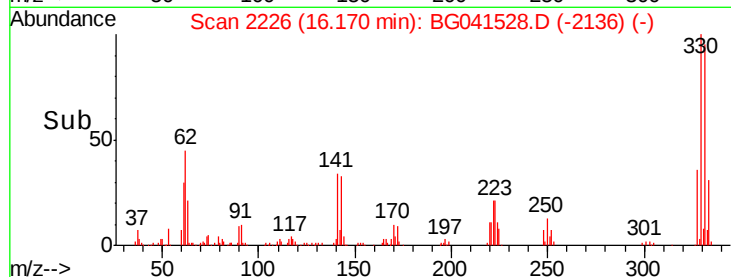
#42
 2,4,6-Tribromophenol
 Concen: 157.795 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BG041528.D
 Acq: 29 Jun 2019 2:08

Instrument :
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 OR-03-062619-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.5	113.3
141	35.0	27.8	41.6

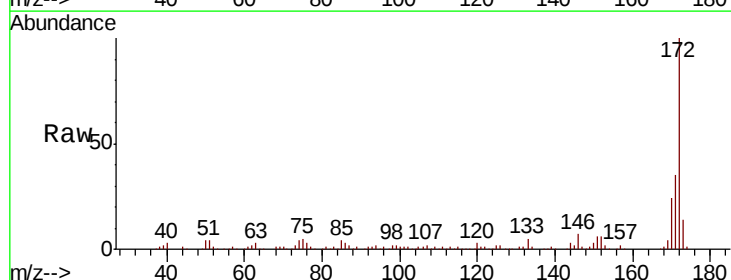


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

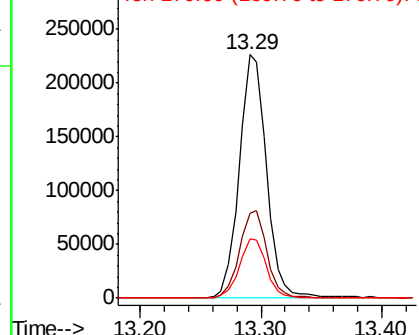
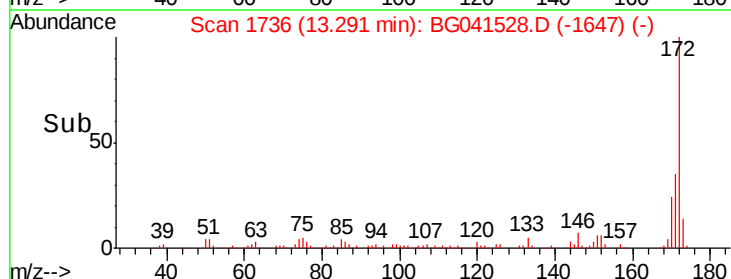


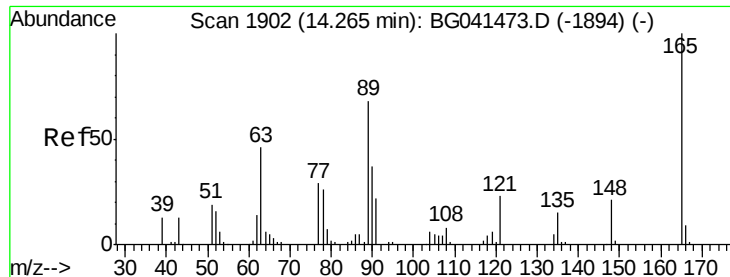
#45
 2-Fluorobiphenyl
 Concen: 81.482 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG041528.D
 Acq: 29 Jun 2019 2:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.6	44.4
170	24.3	20.0	30.0



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

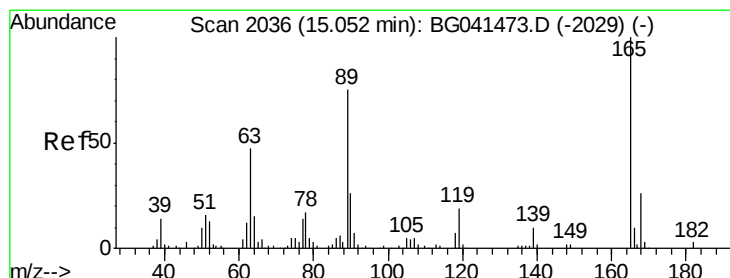
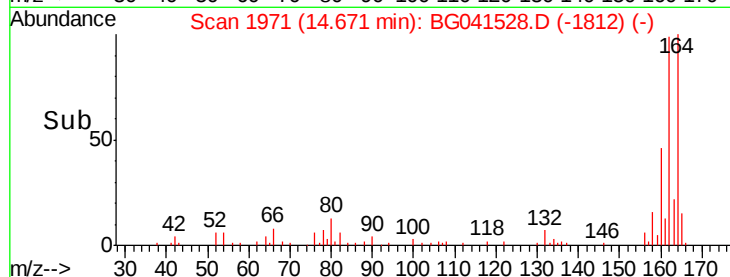
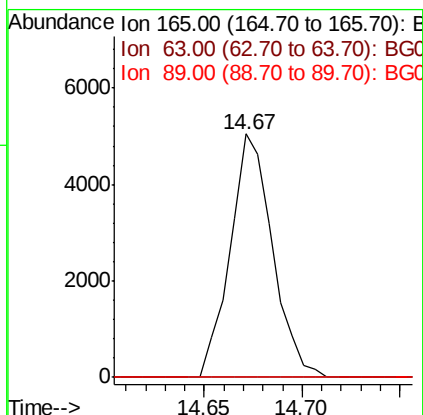
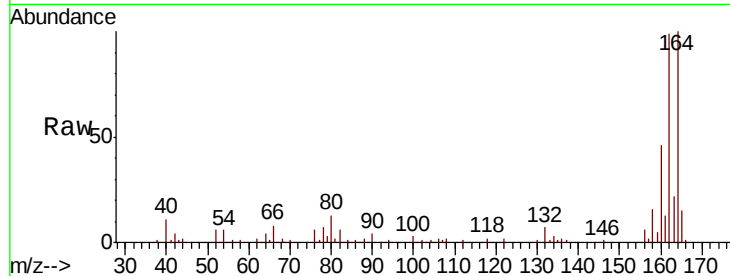




#51
 2,6-Dinitrotoluene
 Concen: 6.962 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.41 min
 Lab File: BG041528.D
 Acq: 29 Jun 2019 2:08

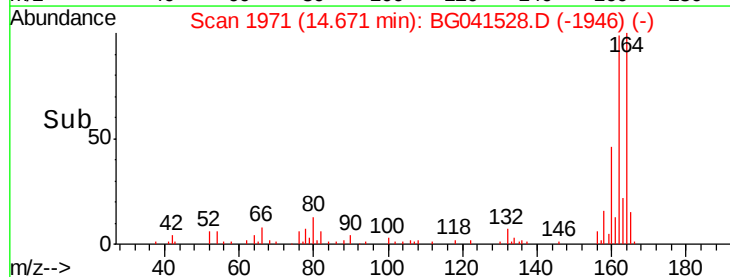
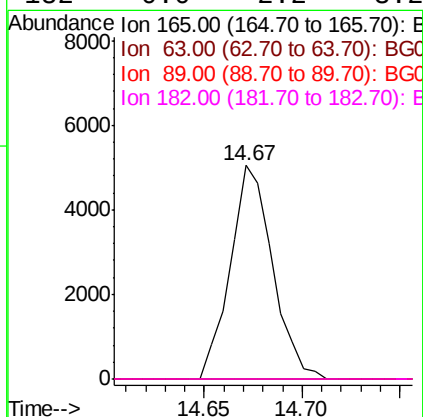
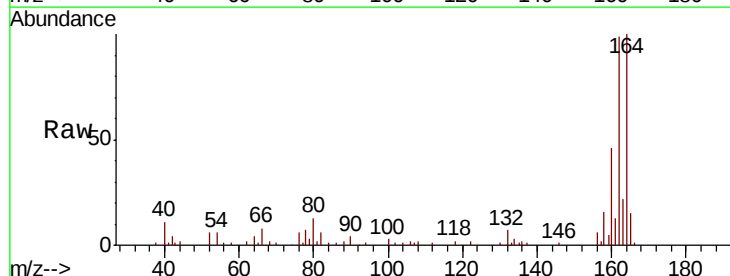
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 OR-03-062619-B

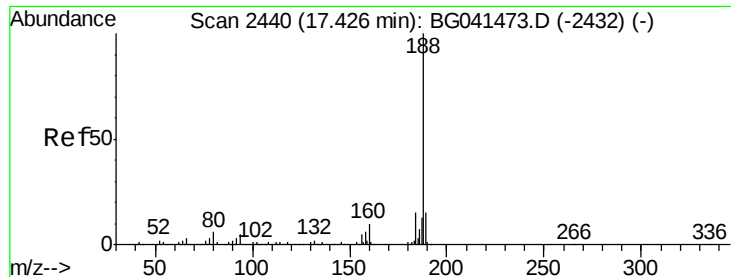
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	56.4	84.6#
89	0.0	54.6	81.8#



#57
 2,4-Dinitrotoluene
 Concen: 4.799 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.38 min
 Lab File: BG041528.D
 Acq: 29 Jun 2019 2:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.8	58.2#
89	0.0	60.1	90.1#
182	0.0	2.2	3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG041528.D

Acq: 29 Jun 2019 2:08

Instrument :

BNA_G

ClientSampleId :

OR-03-062619-B

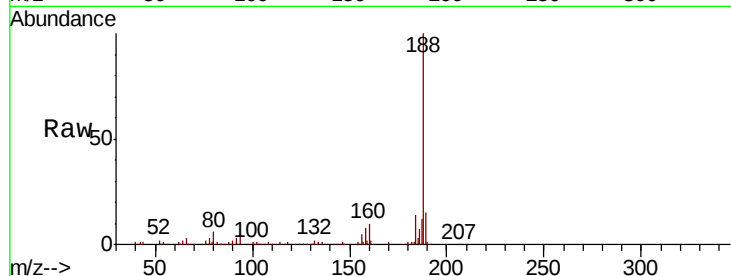
Tgt Ion:188 Resp: 191632

Ion Ratio Lower Upper

188 100

94 4.9 3.8 5.8

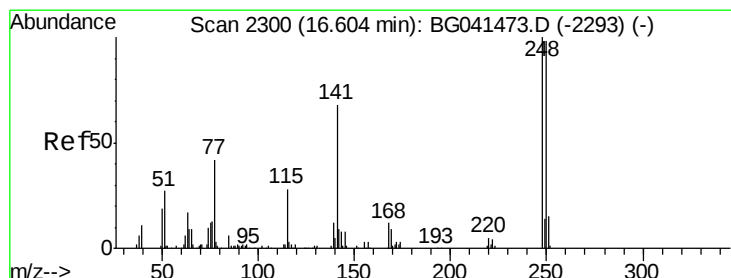
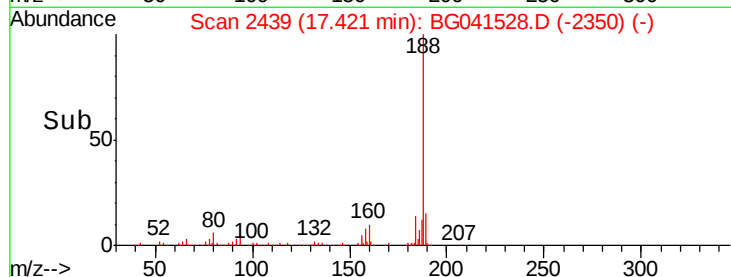
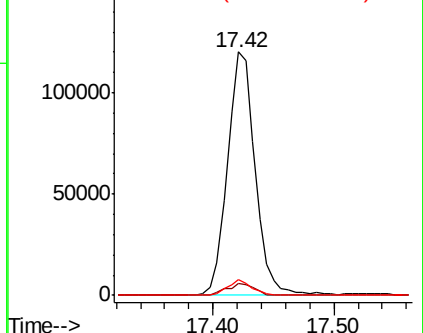
80 6.4 4.8 7.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 4.149 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.44 min

Lab File: BG041528.D

Acq: 29 Jun 2019 2:08

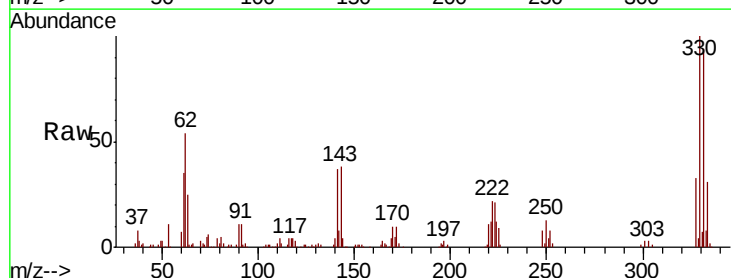
Tgt Ion:248 Resp: 10864

Ion Ratio Lower Upper

248 100

250 161.8 78.1 117.1#

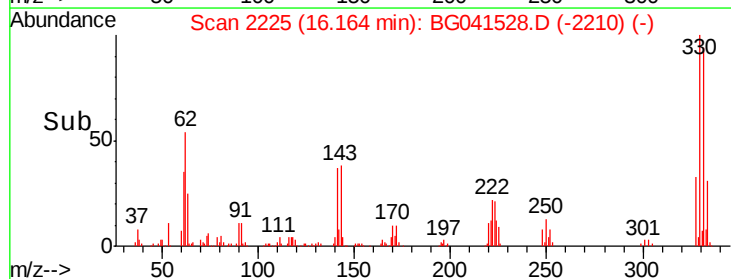
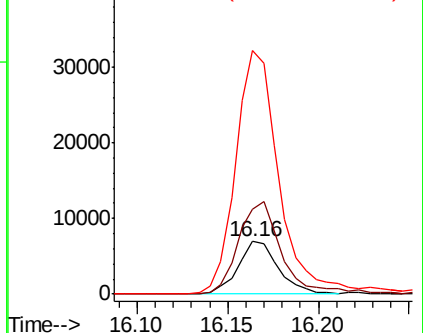
141 462.3 54.1 81.1#

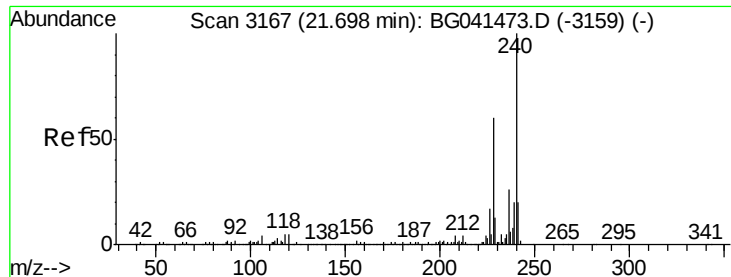


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

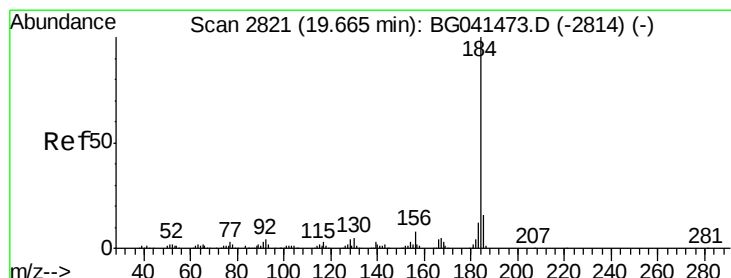
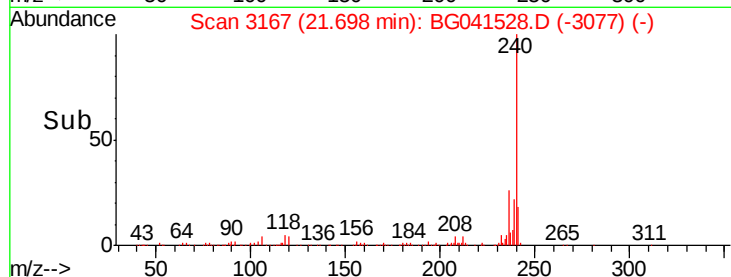
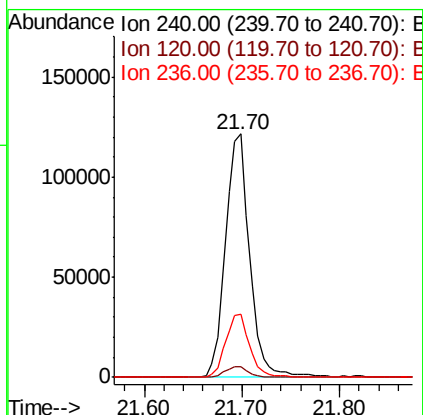
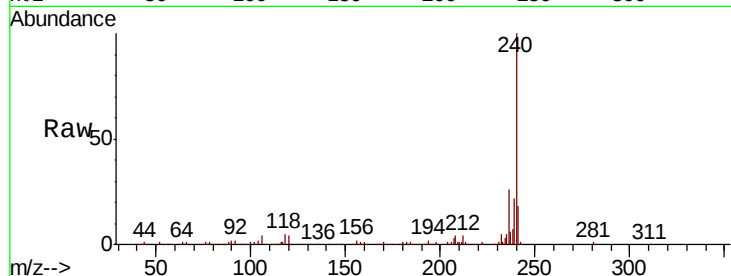




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BG041528.D
Acq: 29 Jun 2019 2:08

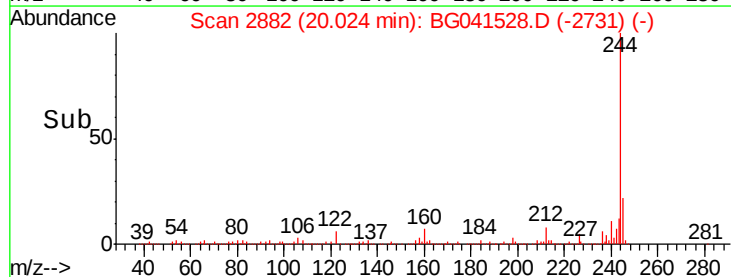
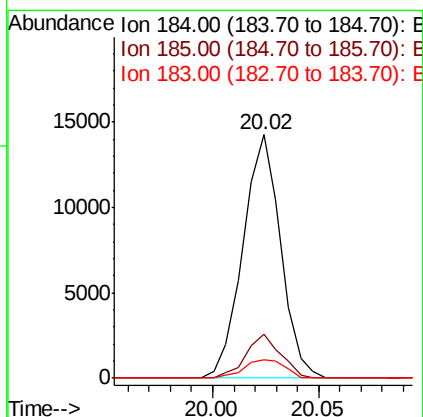
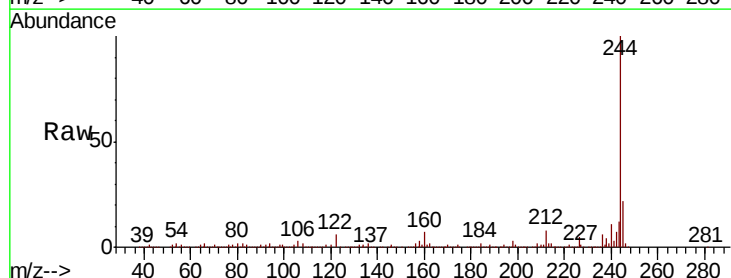
Instrument :
BNA_G
ClientSampleId :
OR-03-062619-B

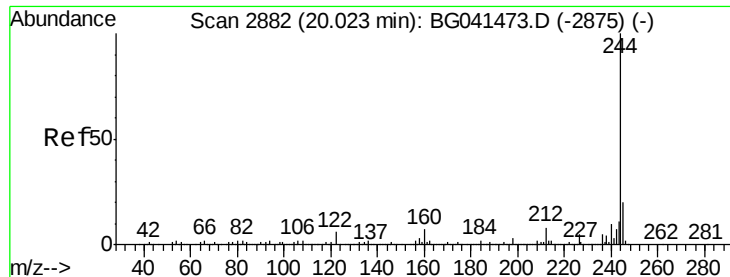
Tgt Ion:240 Resp: 208340
Ion Ratio Lower Upper
240 100
120 4.3 3.7 5.5
236 25.8 20.8 31.2



#77
Benzidine
Concen: 3.802 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.36 min
Lab File: BG041528.D
Acq: 29 Jun 2019 2:08

Tgt Ion:184 Resp: 17573
Ion Ratio Lower Upper
184 100
185 18.0 12.7 19.1
183 7.7 9.4 14.2#





#79

Terphenyl-d14

Concen: 105.086 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG041528.D

Acq: 29 Jun 2019 2:08

Instrument :

BNA_G

ClientSampleId :

OR-03-062619-B

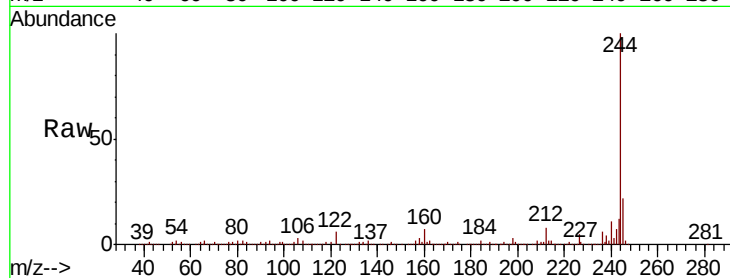
Tgt Ion:244 Resp: 1030244

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.4

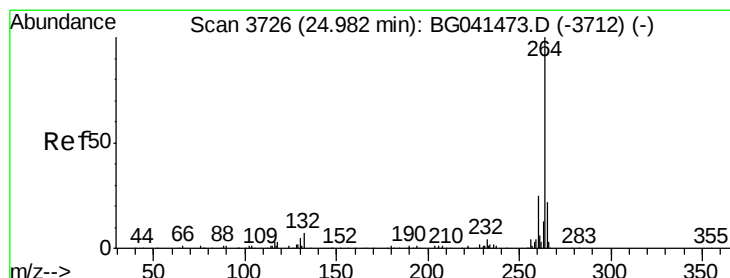
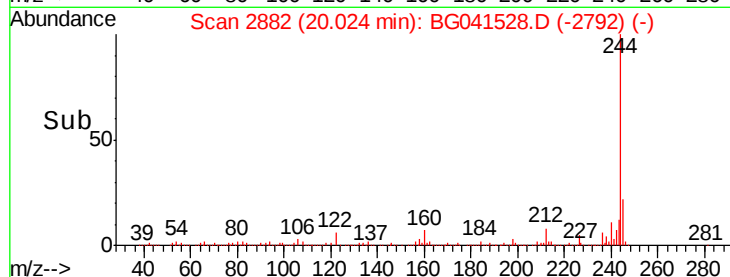
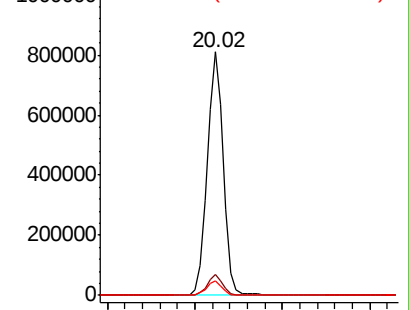
122 5.8 4.8 7.2



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: 24.98 min Scan# 3726

Delta R.T. 0.00 min

Lab File: BG041528.D

Acq: 29 Jun 2019 2:08

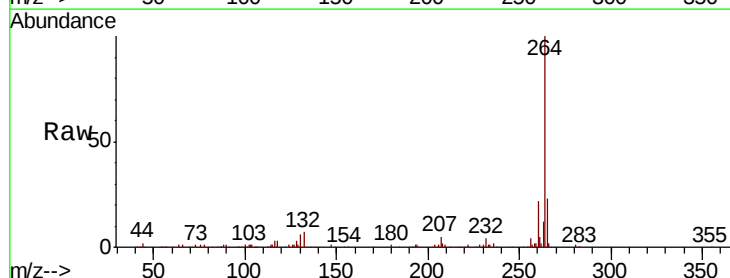
Tgt Ion:264 Resp: 217172

Ion Ratio Lower Upper

264 100

260 22.1 19.7 29.5

265 22.5 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

