

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
 Data File : BG041532.D
 Acq On : 29 Jun 2019 4:40
 Operator : HP/JU
 Sample : K3159-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Jun 29 05:36:29 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

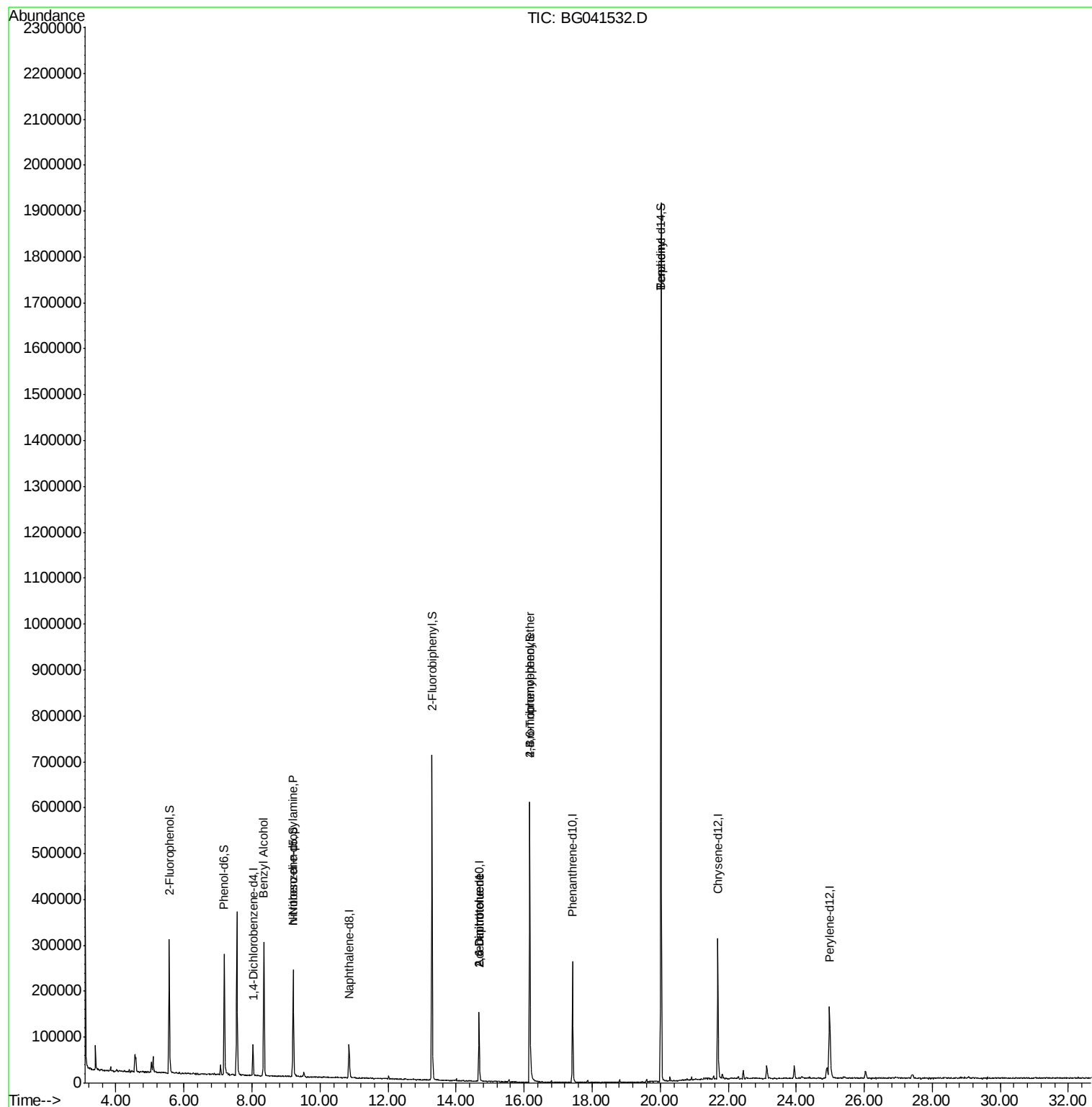
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	19066	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	67529	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	54972	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	176612	20.00	ng	0.00
76) Chrysene-d12	21.70	240	194989	20.00	ng	0.00
87) Perylene-d12	24.98	264	209802	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	117071	109.47	ng	0.00
7) Phenol-d6	7.18	99	141798	94.19	ng	0.00
23) Nitrobenzene-d5	9.21	82	148794	91.90	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	132986	141.68	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	364851	85.17	ng	0.00
79) Terphenyl-d14	20.03	244	1001440	109.14	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.35	79	2428	2.025	ng	# 46
19) n-Nitroso-di-n-propylamine	9.21	70	21433	19.087	ng	# 71
51) 2,6-Dinitrotoluene	14.68	165	7169	6.753	ng	# 15
57) 2,4-Dinitrotoluene	14.68	165	7169	4.655	ng	# 20
67) 4-Bromophenyl-phenylether	16.17	248	9350	3.874	ng	# 1
77) Benzidine	20.03	184	16862	3.897	ng	# 90

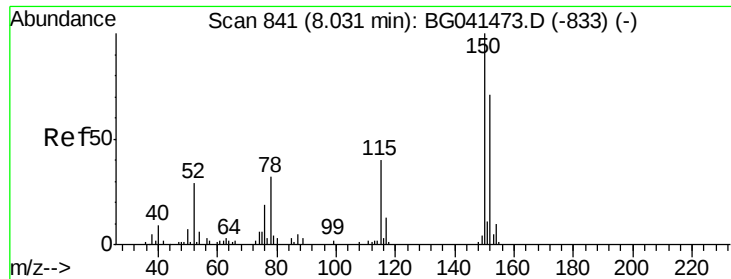
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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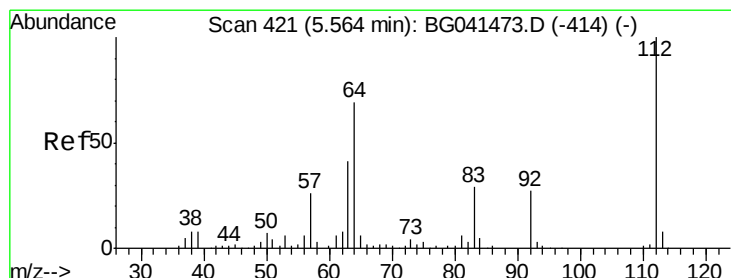
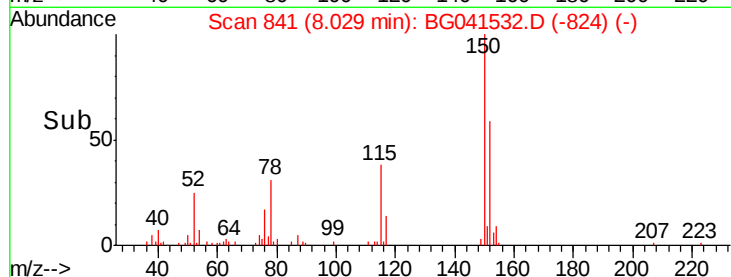
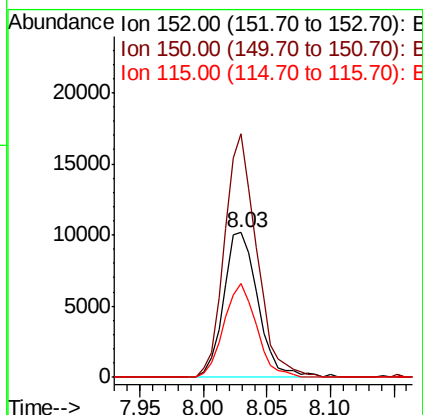
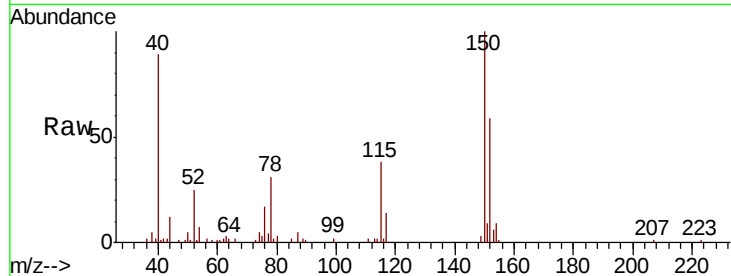


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041532.D
Acq: 29 Jun 2019 4:40

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

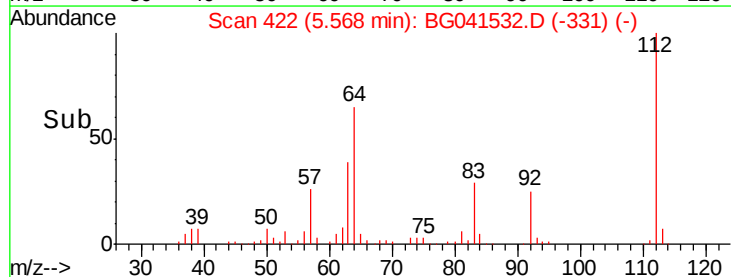
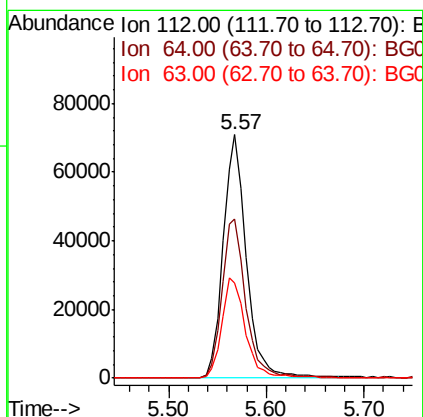
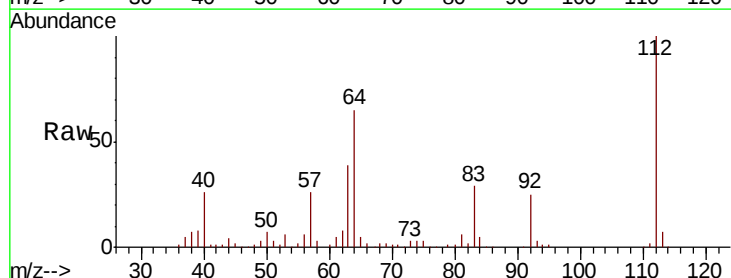
Tgt Ion:152 Resp: 19066
Ion Ratio Lower Upper
152 100
150 168.2 112.4 168.6
115 64.7 44.6 66.8

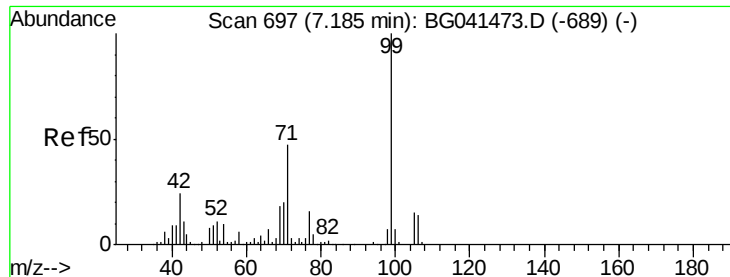


#5

2-Fluorophenol
Concen: 109.473 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041532.D
Acq: 29 Jun 2019 4:40

Tgt Ion:112 Resp: 117071
Ion Ratio Lower Upper
112 100
64 65.4 55.1 82.7
63 39.1 32.4 48.6





#7

Phenol-d6

Concen: 94.190 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG041532.D

Acq: 29 Jun 2019 4:40

Instrument :

BNA_G

ClientSampleId :

OR-03-062619-A

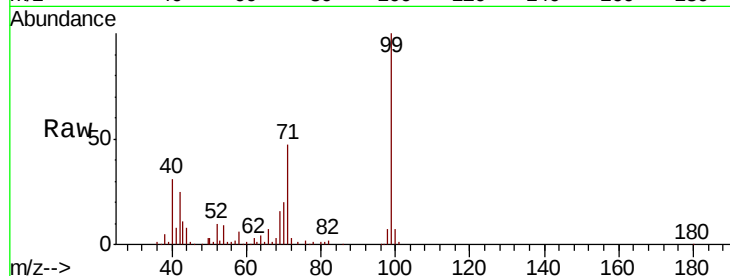
Tgt Ion: 99 Resp: 141798

Ion Ratio Lower Upper

99 100

42 24.5 19.0 28.6

71 47.1 37.4 56.2

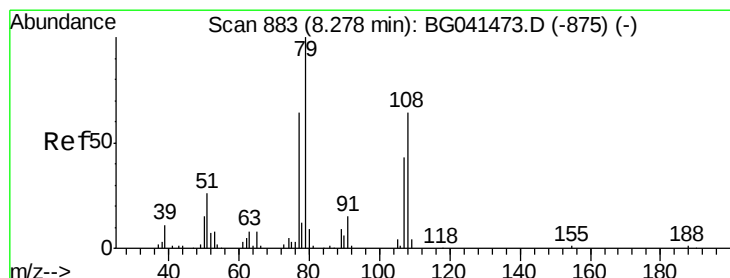
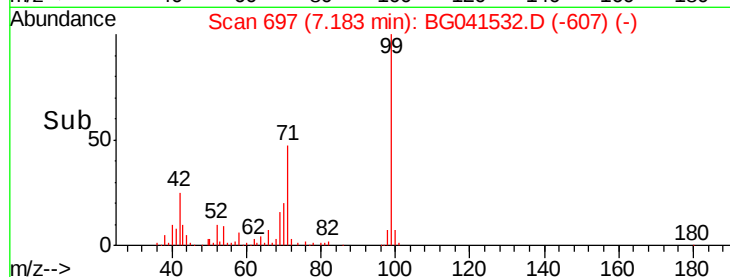
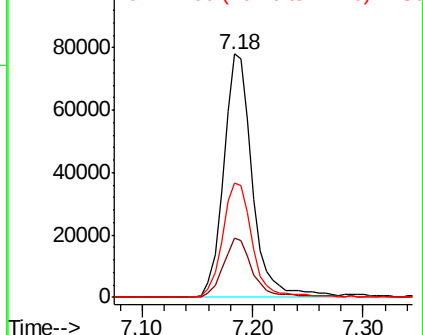


Abundance

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: 2.025 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.07 min

Lab File: BG041532.D

Acq: 29 Jun 2019 4:40

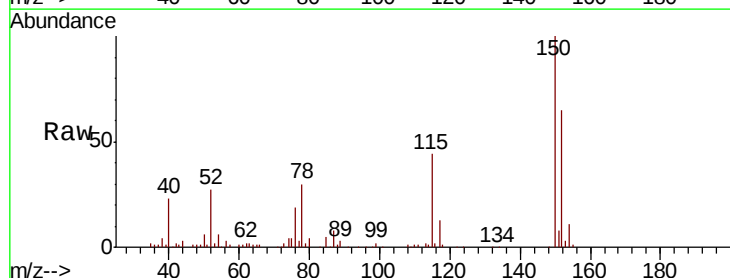
Tgt Ion: 79 Resp: 2428

Ion Ratio Lower Upper

79 100

108 44.4 51.4 77.0#

77 127.7 50.8 76.2#

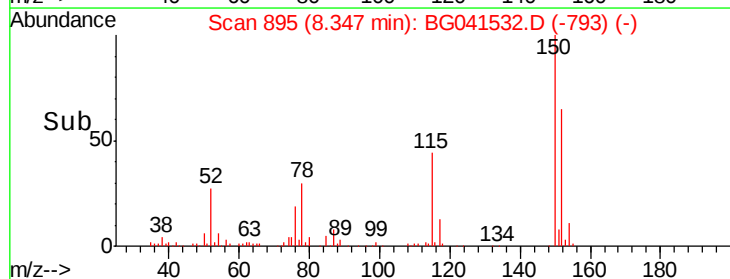
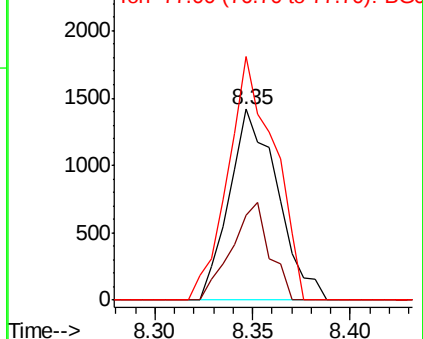


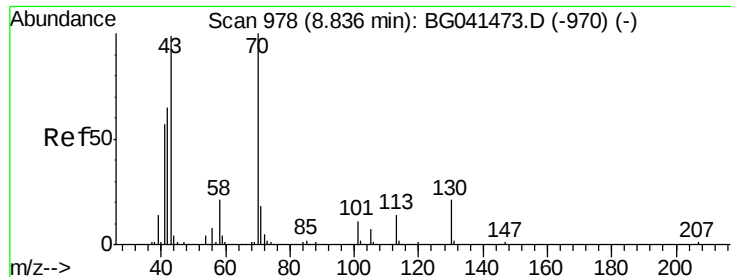
Abundance

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

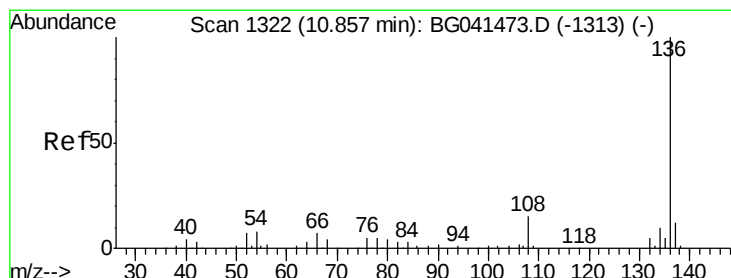
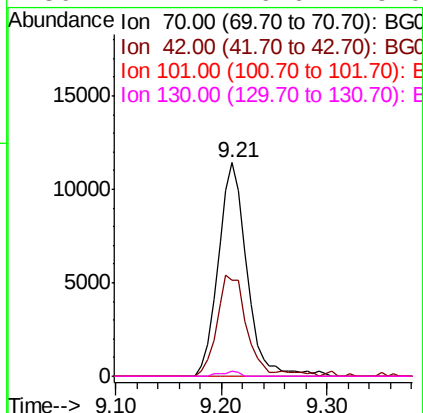
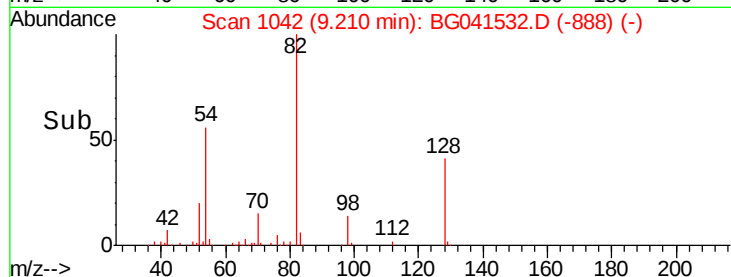
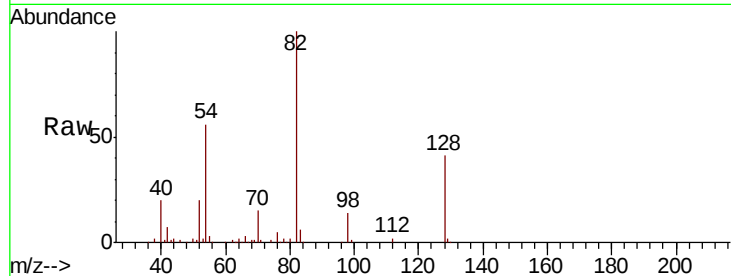




#19
n-Nitroso-di-n-propylamine
Concen: 19.087 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.37 min
Lab File: BG041532.D
Acq: 29 Jun 2019 4:40

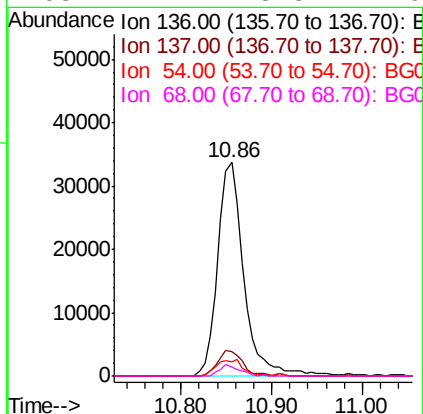
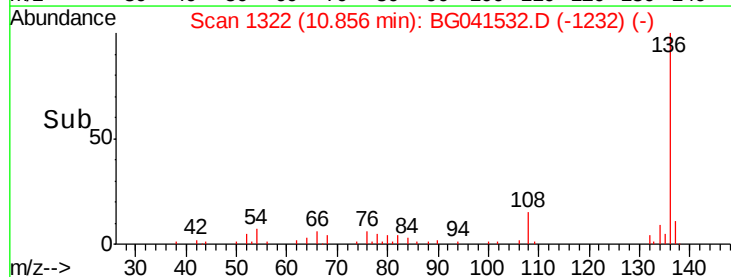
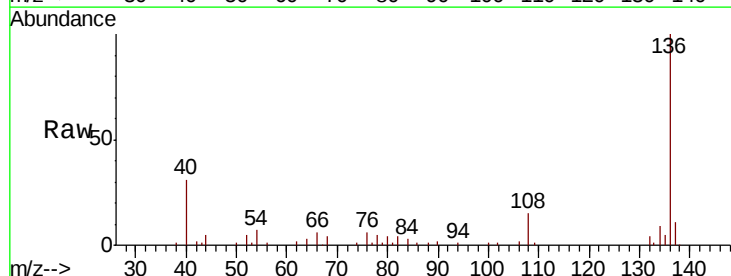
Instrument :
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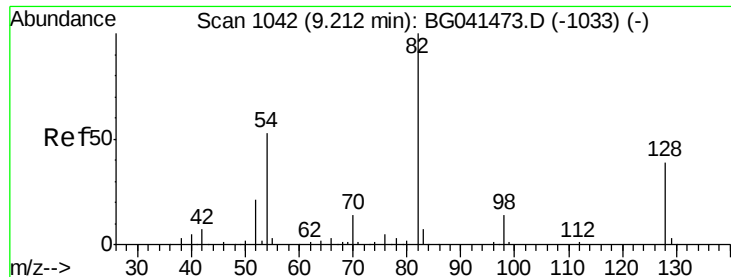
Tgt Ion: 70 Resp: 21433
Ion Ratio Lower Upper
70 100
42 45.2 52.6 78.8#
101 0.0 8.6 13.0#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041532.D
Acq: 29 Jun 2019 4:40

Tgt Ion: 136 Resp: 67529
Ion Ratio Lower Upper
136 100
137 11.1 9.3 13.9
54 6.9 7.1 10.7#
68 4.4 3.3 4.9

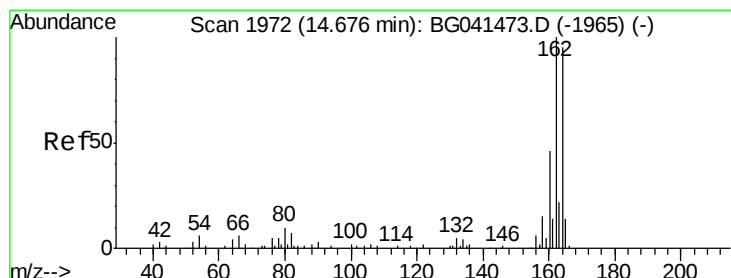
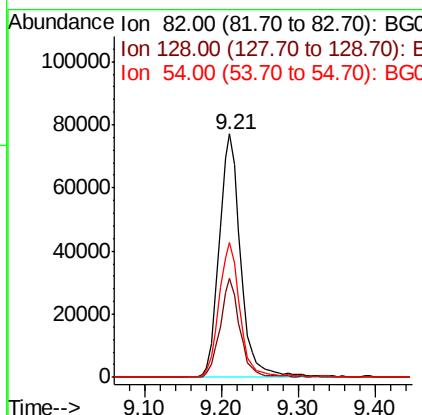
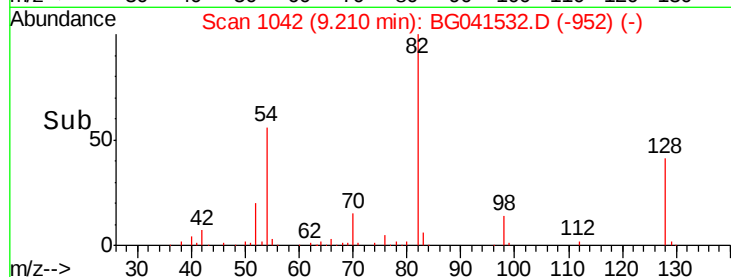
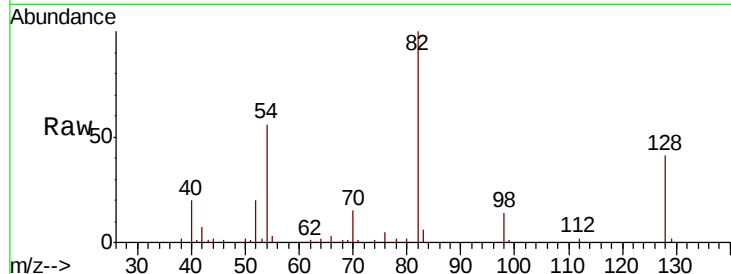




#23
 Nitrobenzene-d5
 Concen: 91.898 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041532.D
 Acq: 29 Jun 2019 4:40

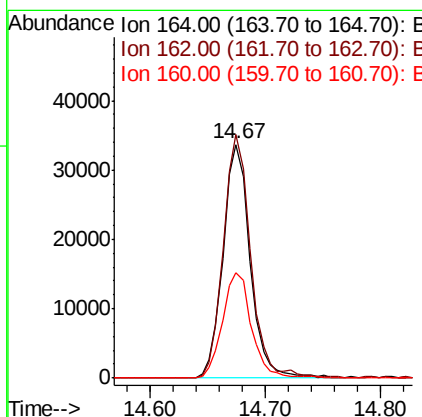
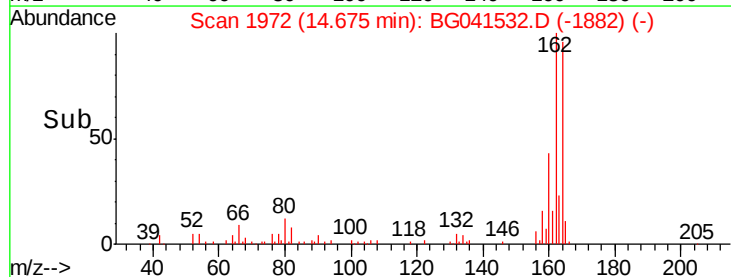
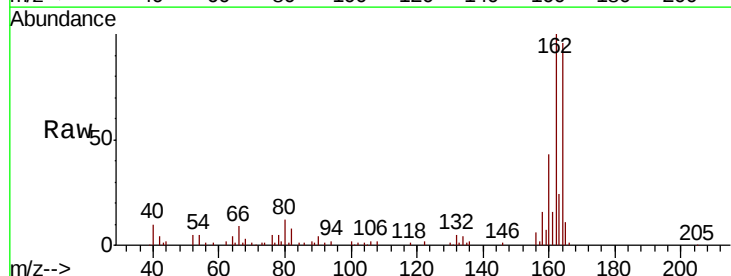
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-062619-A

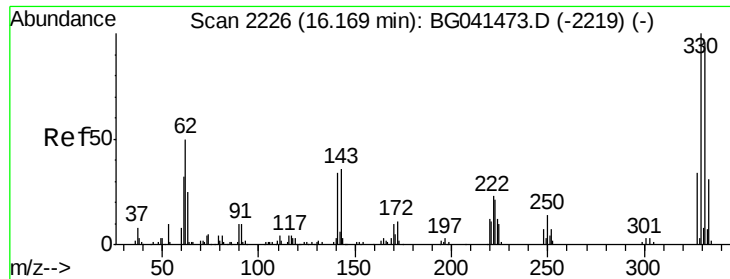
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	30.9	46.3
54	55.5	42.2	63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG041532.D
 Acq: 29 Jun 2019 4:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	84.4	126.6
160	44.9	38.8	58.2

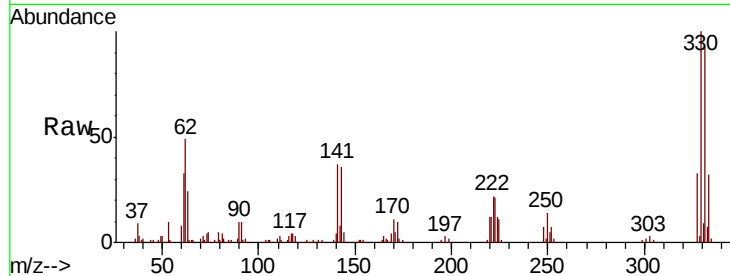




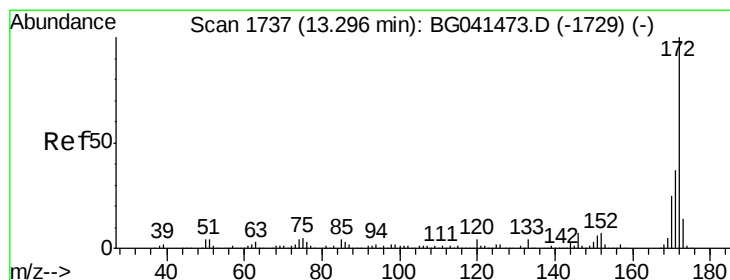
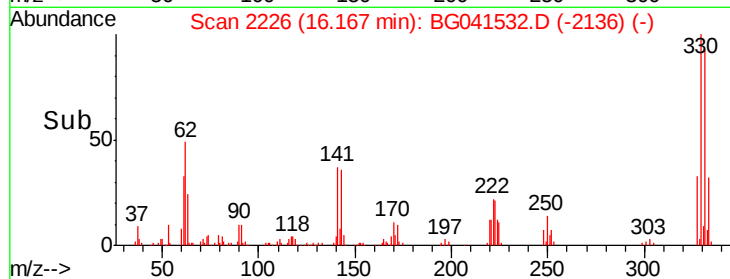
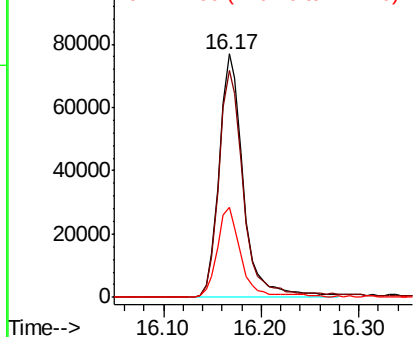
#42
 2,4,6-Tribromophenol
 Concen: 141.684 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG041532.D
 Acq: 29 Jun 2019 4:40

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

Tgt Ion:330 Resp: 132986
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.5 113.3
 141 36.6 27.8 41.6

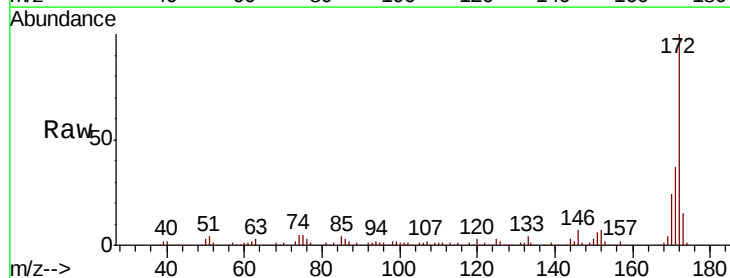


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

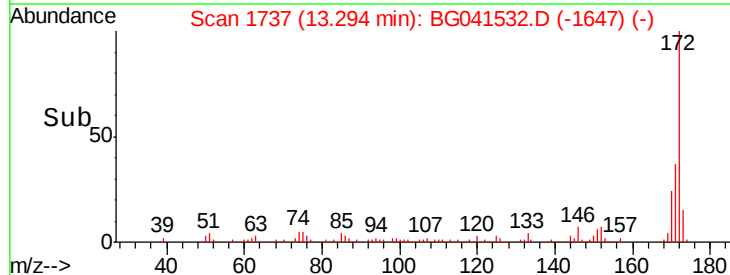
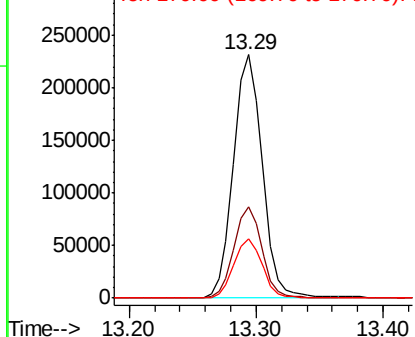


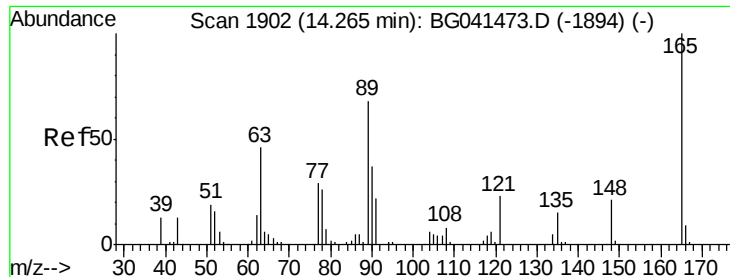
#45
 2-Fluorobiphenyl
 Concen: 85.170 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041532.D
 Acq: 29 Jun 2019 4:40

Tgt Ion:172 Resp: 364851
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.6 44.4
 170 24.2 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

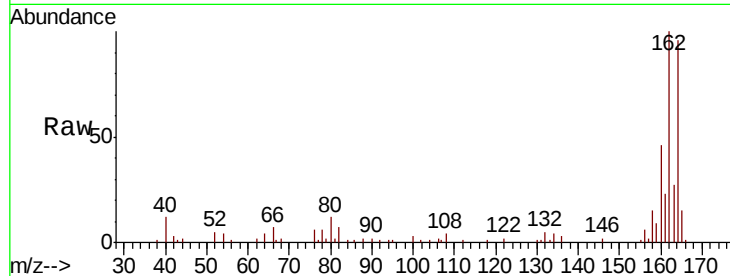




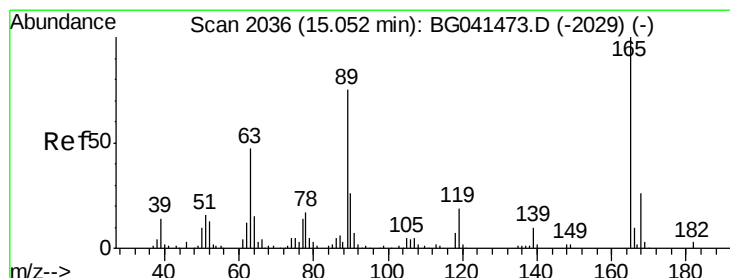
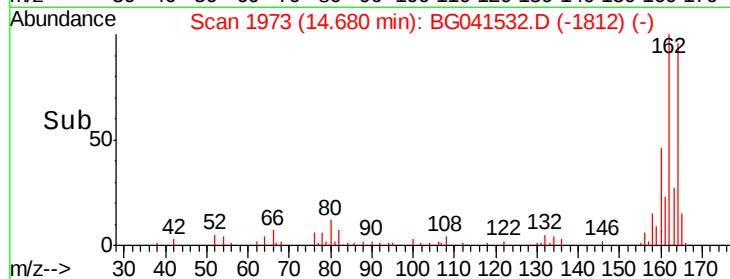
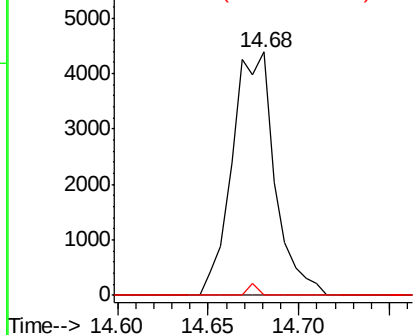
#51
 2,6-Dinitrotoluene
 Concen: 6.753 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. 0.42 min
 Lab File: BG041532.D
 Acq: 29 Jun 2019 4:40

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

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



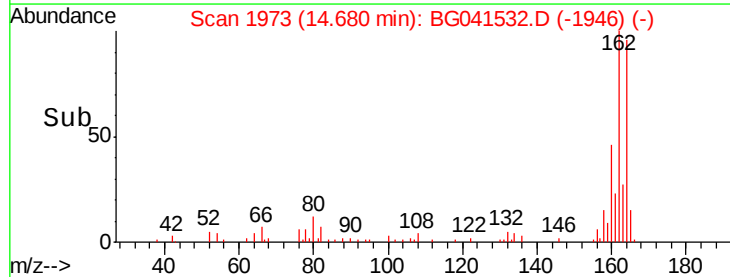
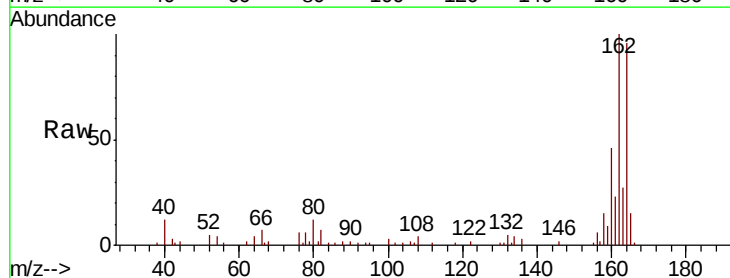
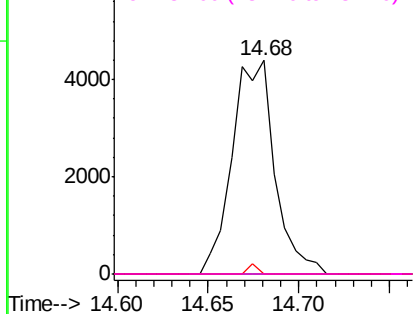
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

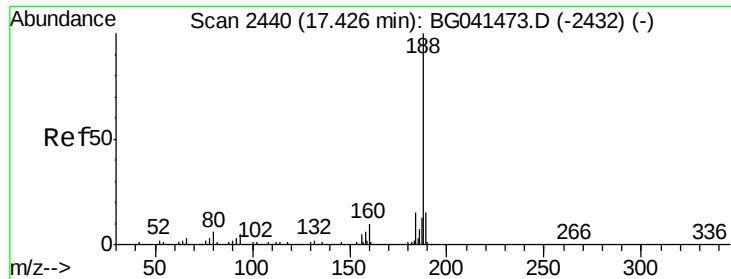


#57
 2,4-Dinitrotoluene
 Concen: 4.655 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.37 min
 Lab File: BG041532.D
 Acq: 29 Jun 2019 4:40

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#

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

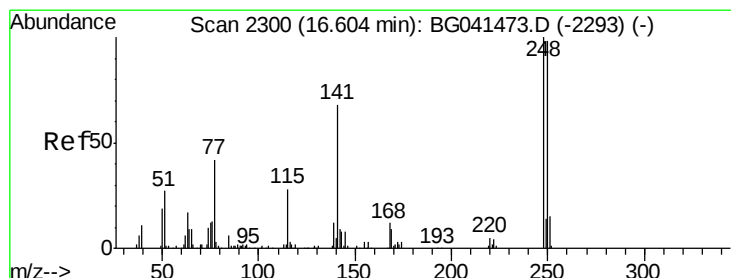
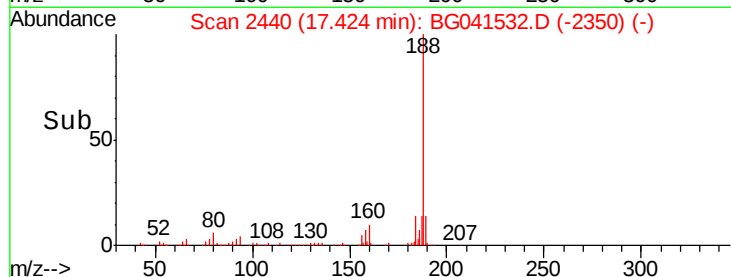
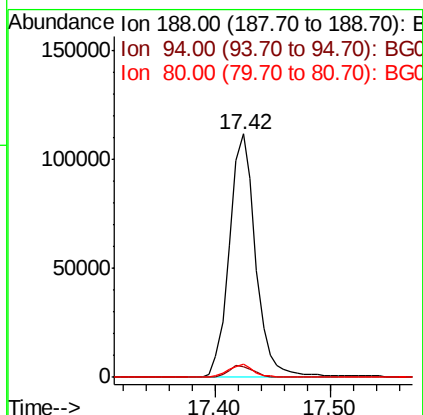
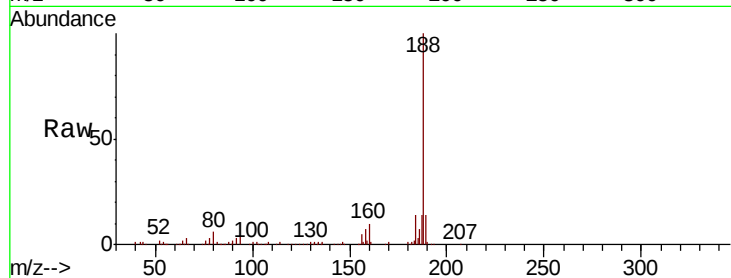




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041532.D
Acq: 29 Jun 2019 4:40

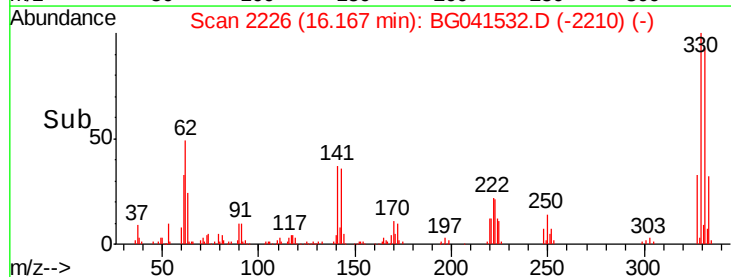
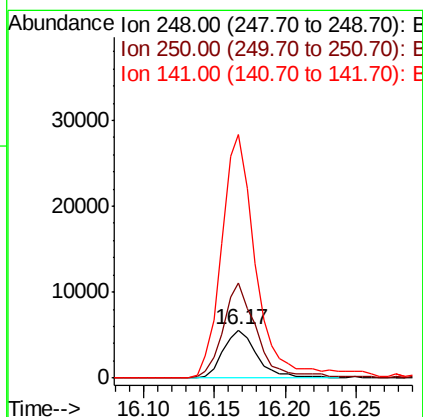
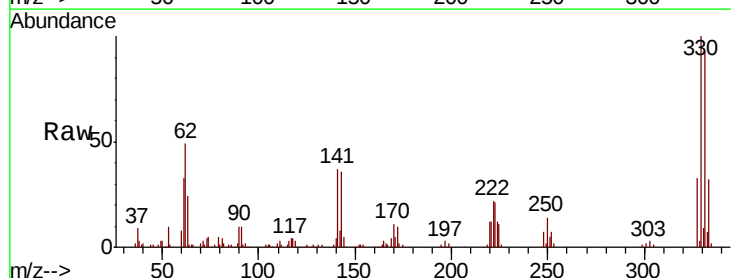
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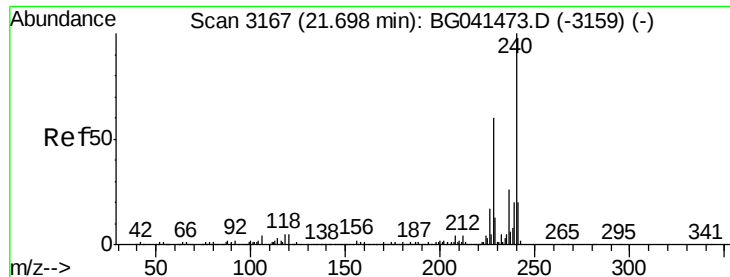
Tgt Ion:188 Resp: 176612
Ion Ratio Lower Upper
188 100
94 4.4 3.8 5.8
80 5.6 4.8 7.2



#67
4-Bromophenyl-phenylether
Concen: 3.874 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.44 min
Lab File: BG041532.D
Acq: 29 Jun 2019 4:40

Tgt Ion:248 Resp: 9350
Ion Ratio Lower Upper
248 100
250 197.6 78.1 117.1#
141 509.0 54.1 81.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG041532.D

Acq: 29 Jun 2019 4:40

Instrument :

BNA_G

ClientSampleId :

OR-03-062619-A

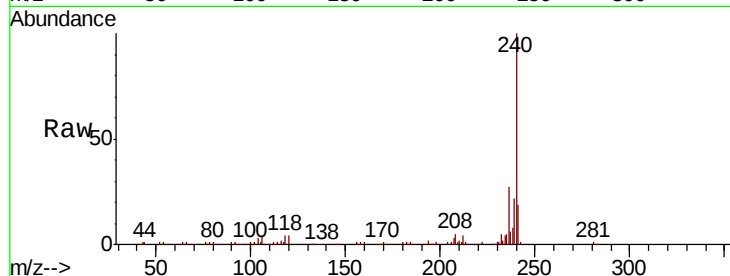
Tgt Ion:240 Resp: 194989

Ion Ratio Lower Upper

240 100

120 4.0 3.7 5.5

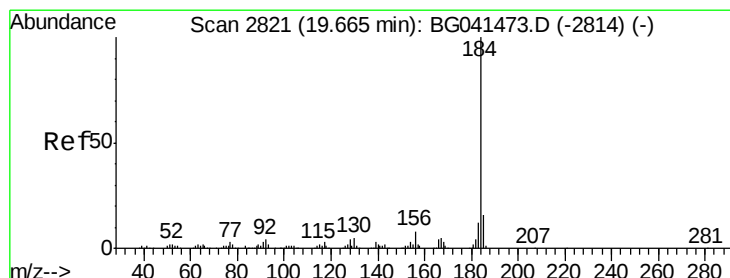
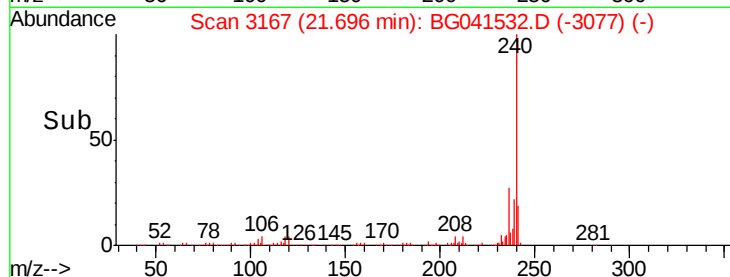
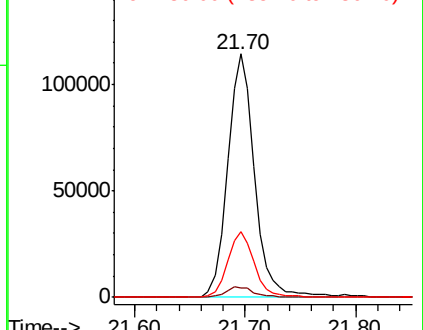
236 26.9 20.8 31.2



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



#77

Benzidine

Concen: 3.897 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.36 min

Lab File: BG041532.D

Acq: 29 Jun 2019 4:40

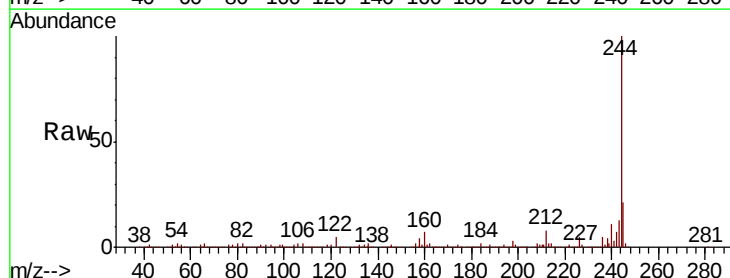
Tgt Ion:184 Resp: 16862

Ion Ratio Lower Upper

184 100

185 19.3 12.7 19.1#

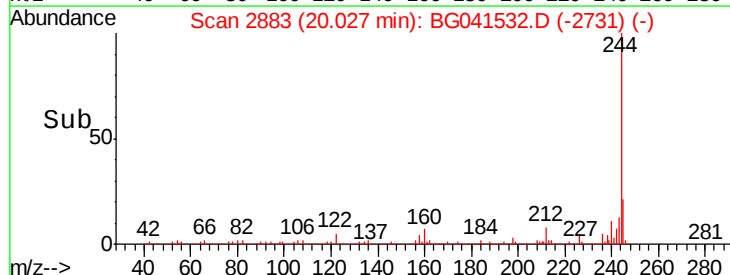
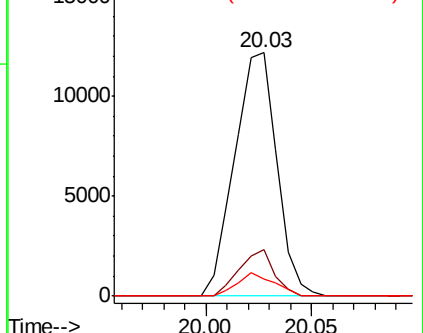
183 7.2 9.4 14.2#

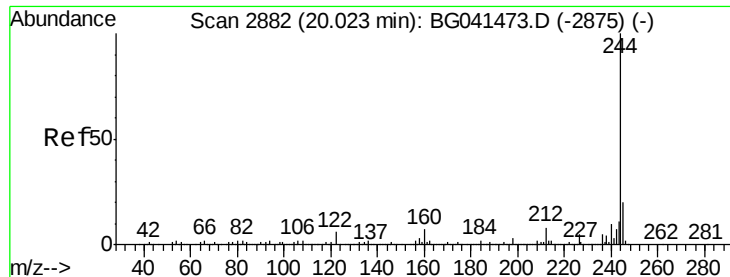


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 109.142 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041532.D

Acq: 29 Jun 2019 4:40

Instrument :

BNA_G

ClientSampleId :

OR-03-062619-A

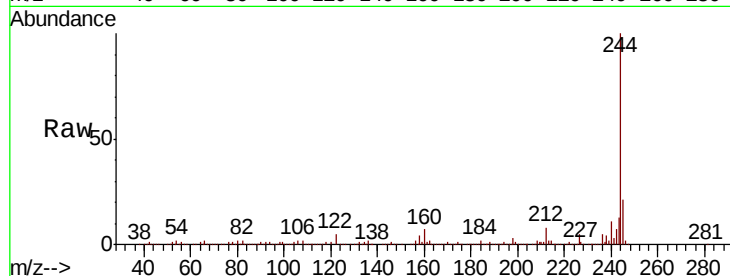
Tgt Ion:244 Resp: 1001440

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.4

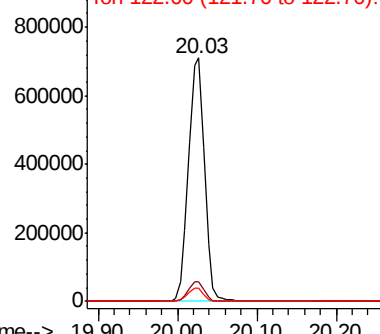
122 5.2 4.8 7.2



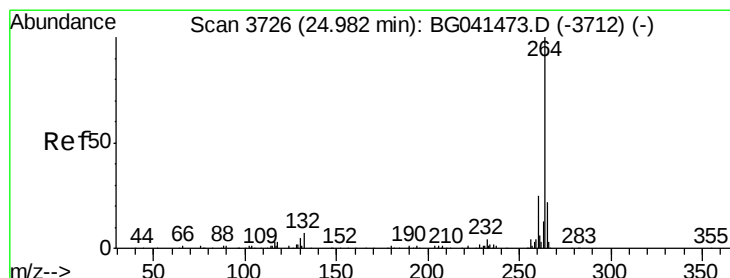
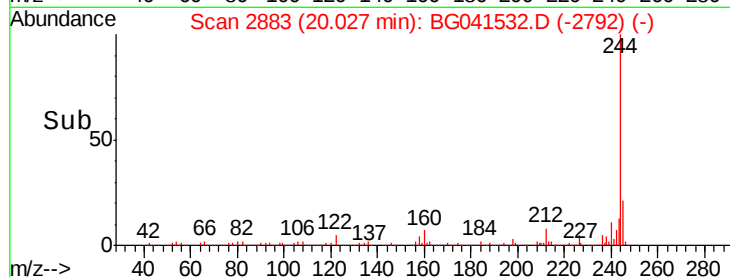
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.90 20.03 20.10 20.20



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BG041532.D

Acq: 29 Jun 2019 4:40

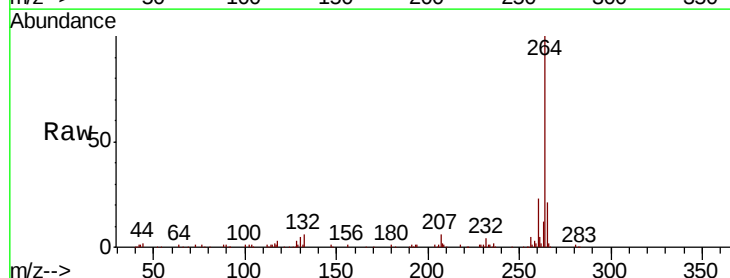
Tgt Ion:264 Resp: 209802

Ion Ratio Lower Upper

264 100

260 23.4 19.7 29.5

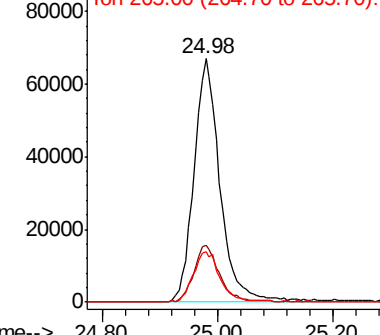
265 20.9 17.4 26.2



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



Time--> 24.80 24.98 25.00 25.20

