

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
 Data File : BG041535.D
 Acq On : 29 Jun 2019 6:34
 Operator : HP/JU
 Sample : K3555-24
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-14

Quant Time: Jul 01 00:42:14 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

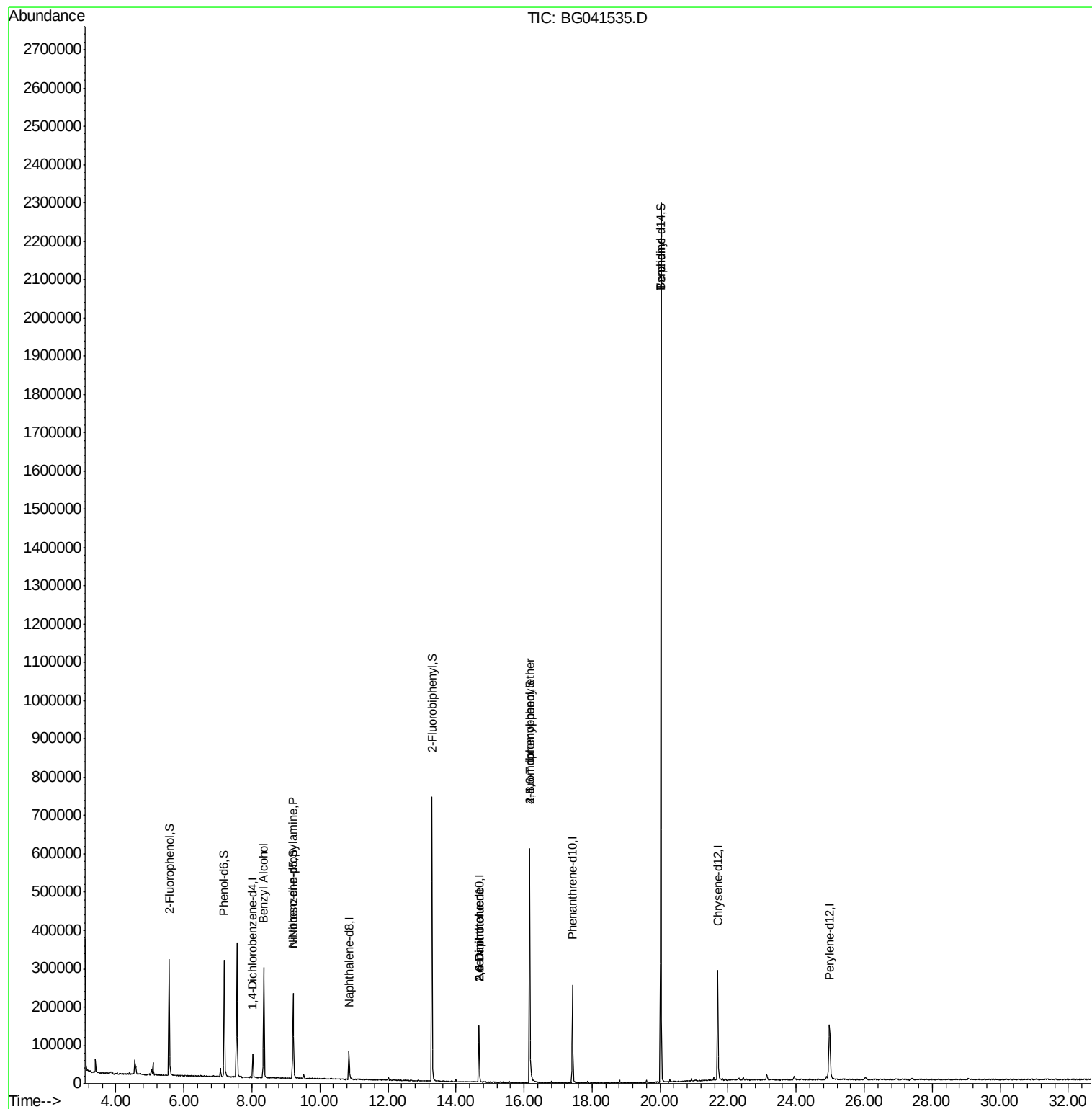
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	17825	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	64198	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	53082	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	170974	20.00	ng	0.00
76) Chrysene-d12	21.70	240	198816	20.00	ng	0.00
87) Perylene-d12	24.98	264	201237	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	122339	122.36	ng	0.00
7) Phenol-d6	7.19	99	159815	113.55	ng	0.00
23) Nitrobenzene-d5	9.21	82	145128	94.28	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	131314	144.88	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	370191	89.49	ng	0.00
79) Terphenyl-d14	20.02	244	1048231	112.04	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.35	79	2633	2.349	ng	# 64
19) n-Nitroso-di-n-propylamine	9.21	70	19684	18.750	ng	# 70
51) 2,6-Dinitrotoluene	14.67	165	7536	7.351	ng	# 18
57) 2,4-Dinitrotoluene	14.67	165	7536	5.067	ng	# 23
67) 4-Bromophenyl-phenylether	16.16	248	8910	3.814	ng	# 1
77) Benzidine	20.02	184	18682	4.235	ng	# 93

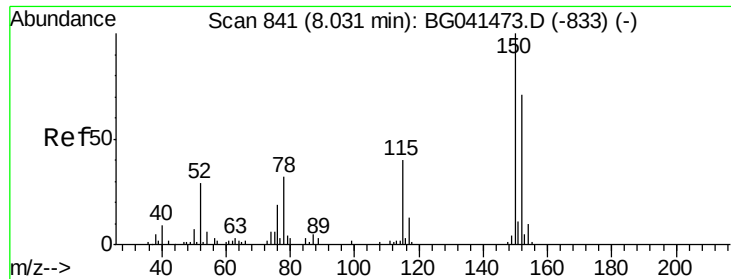
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
Data File : BG041535.D
Acq On : 29 Jun 2019 6:34
Operator : HP/JU
Sample : K3555-24
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SAMPLE-14

Quant Time: Jul 01 00:42:14 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



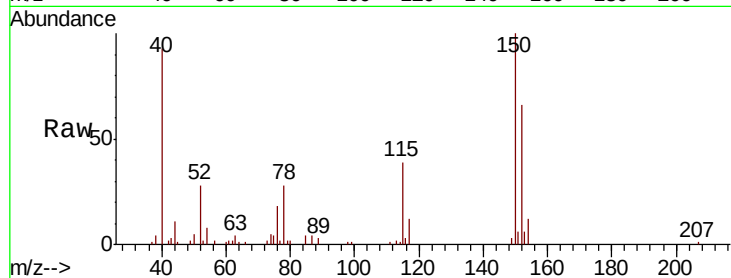


#1

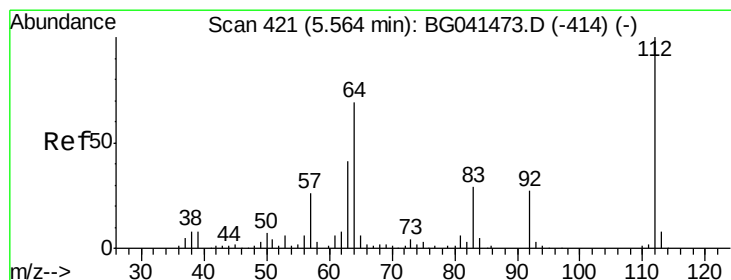
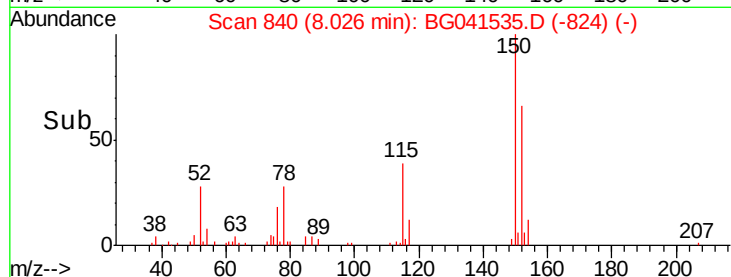
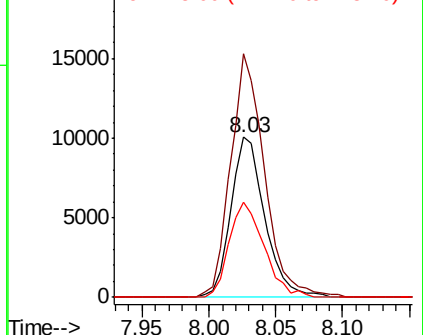
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG041535.D
Acq: 29 Jun 2019 6:34

Instrument :
BNA_G
ClientSampleId :
SAMPLE-14

Tgt Ion:152 Resp: 17825
Ion Ratio Lower Upper
152 100
150 152.4 112.4 168.6
115 59.5 44.6 66.8



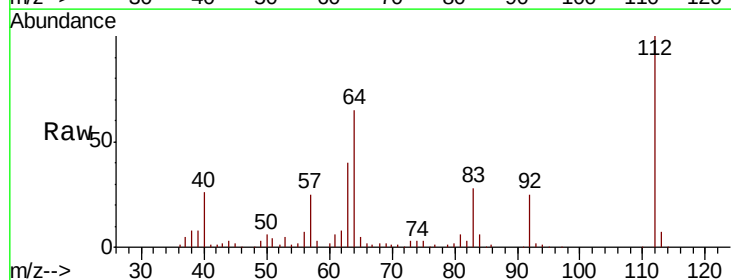
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



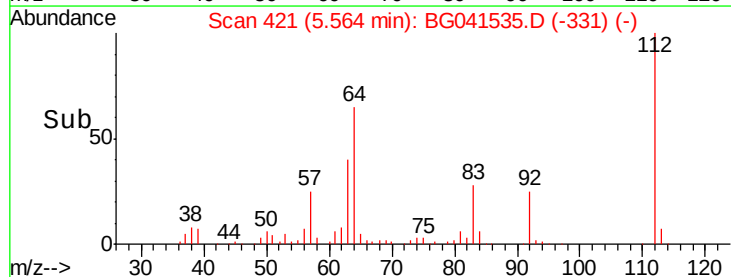
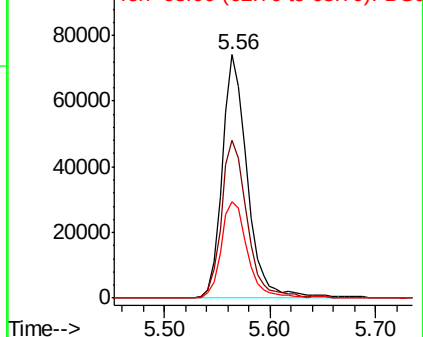
#5

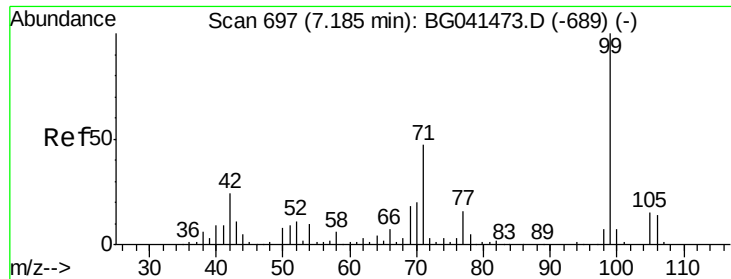
2-Fluorophenol
Concen: 122.363 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG041535.D
Acq: 29 Jun 2019 6:34

Tgt Ion:112 Resp: 122339
Ion Ratio Lower Upper
112 100
64 64.9 55.1 82.7
63 39.8 32.4 48.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 113.549 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG041535.D

Acq: 29 Jun 2019 6:34

Instrument :

BNA_G

ClientSampleId :

SAMPLE-14

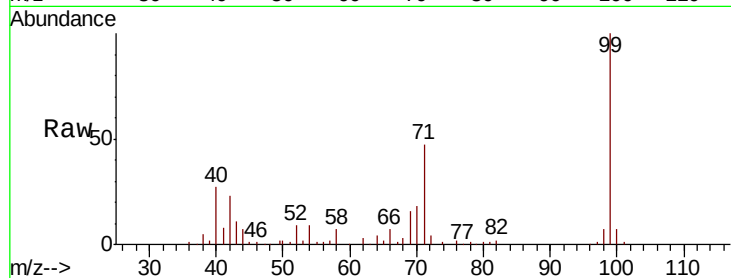
Tgt Ion: 99 Resp: 159815

Ion Ratio Lower Upper

99 100

42 23.4 19.0 28.6

71 47.3 37.4 56.2

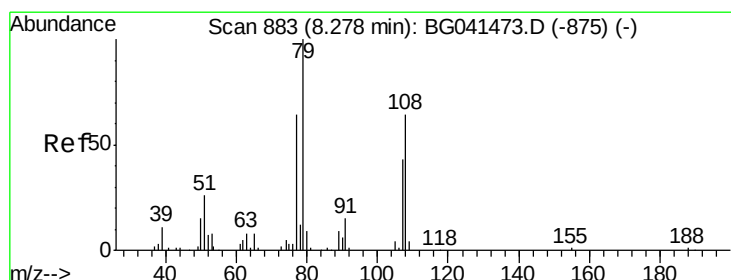
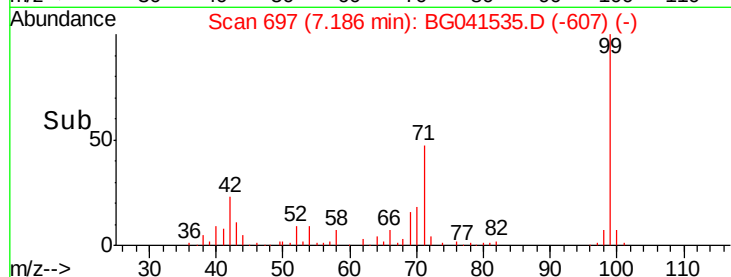
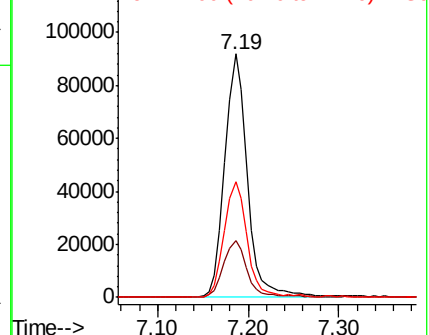


Abundance

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: 2.349 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.07 min

Lab File: BG041535.D

Acq: 29 Jun 2019 6:34

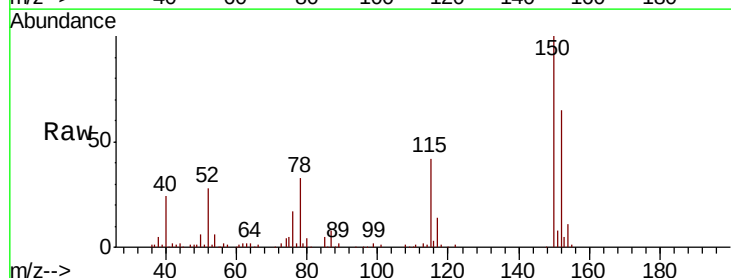
Tgt Ion: 79 Resp: 2633

Ion Ratio Lower Upper

79 100

108 36.0 51.4 77.0#

77 92.2 50.8 76.2#

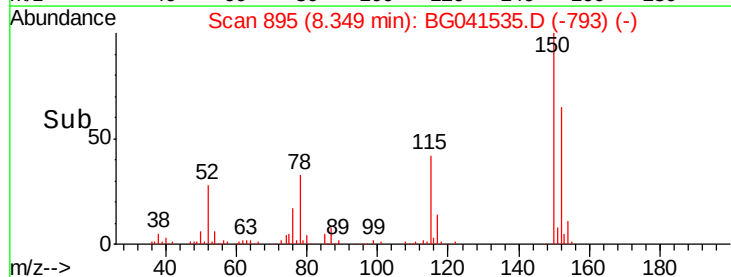
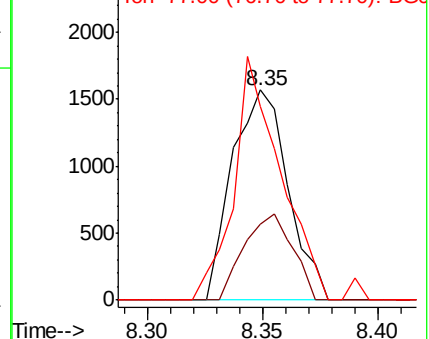


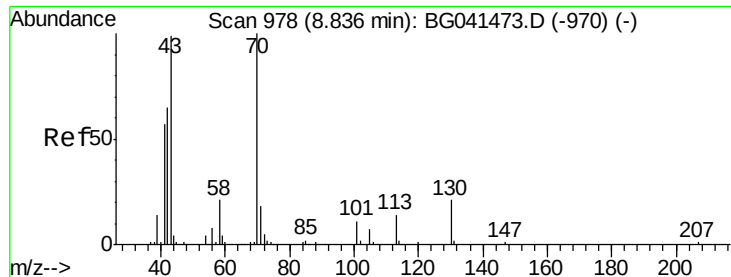
Abundance

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

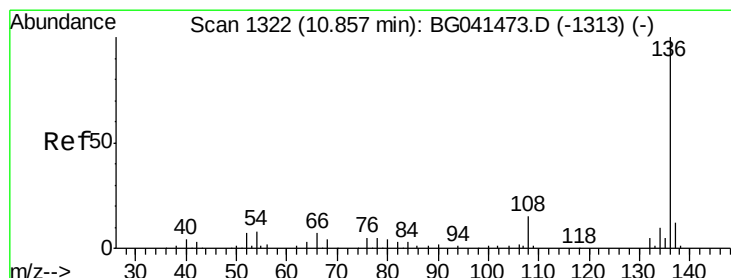
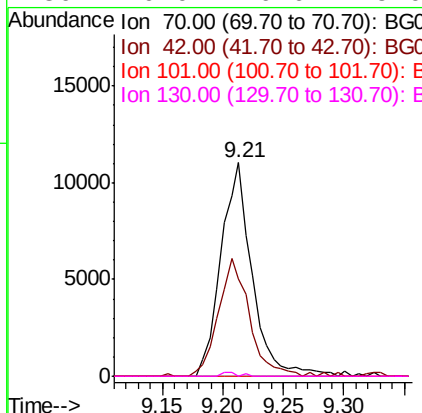
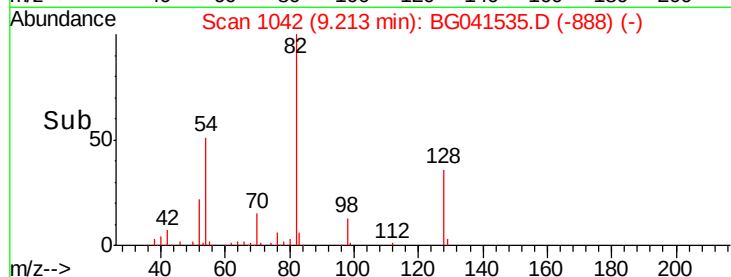
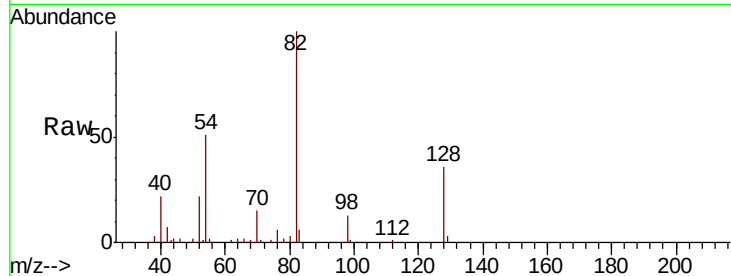




#19
n-Nitroso-di-n-propylamine
Concen: 18.750 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.38 min
Lab File: BG041535.D
Acq: 29 Jun 2019 6:34

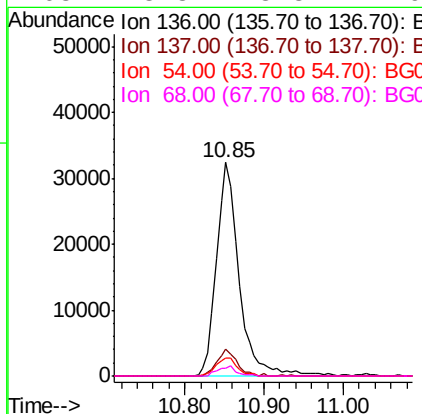
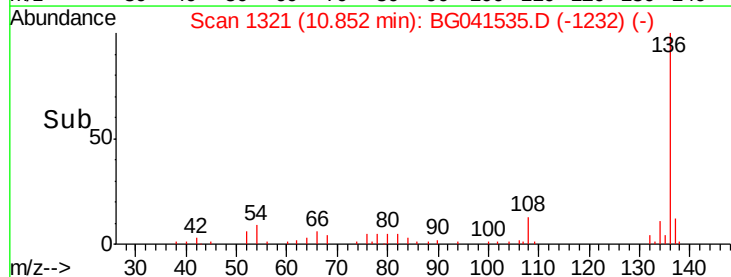
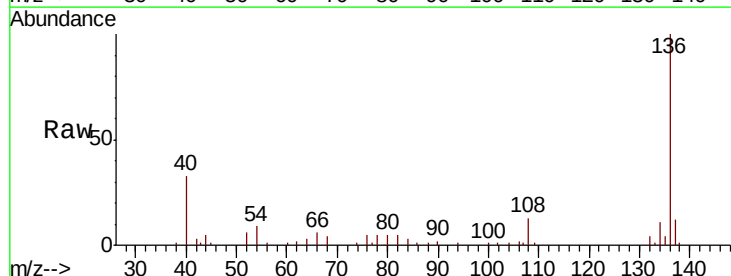
Instrument :
BNA_G
ClientSampleId :
SAMPLE-14

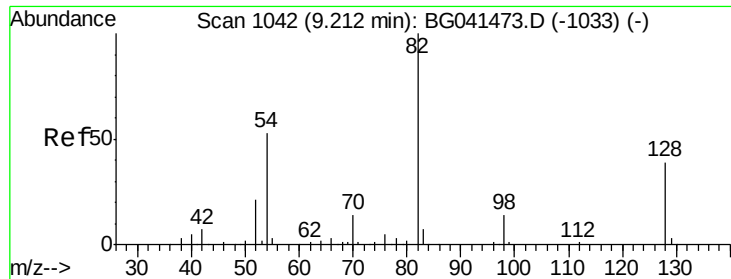
Tgt Ion: 70 Resp: 19684
Ion Ratio Lower Upper
70 100
42 45.7 52.6 78.8#
101 0.0 8.6 13.0#
130 0.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041535.D
Acq: 29 Jun 2019 6:34

Tgt Ion: 136 Resp: 64198
Ion Ratio Lower Upper
136 100
137 12.3 9.3 13.9
54 8.6 7.1 10.7
68 3.8 3.3 4.9

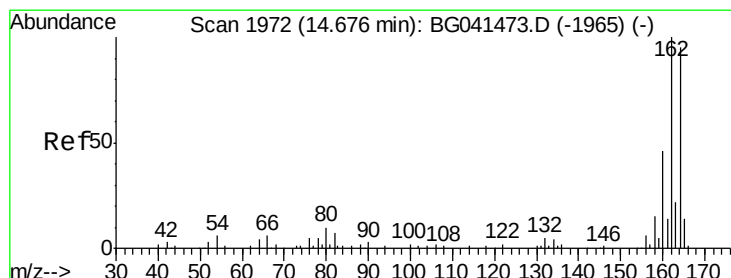
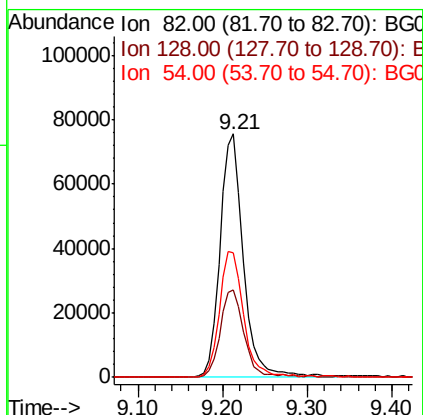
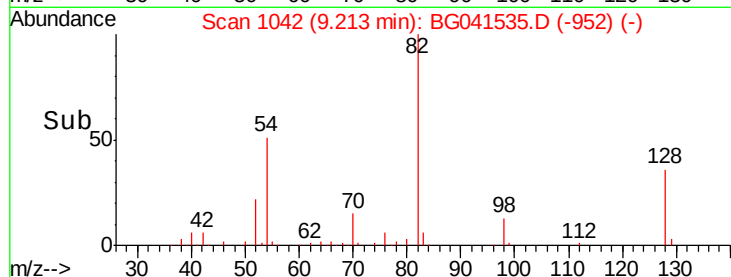
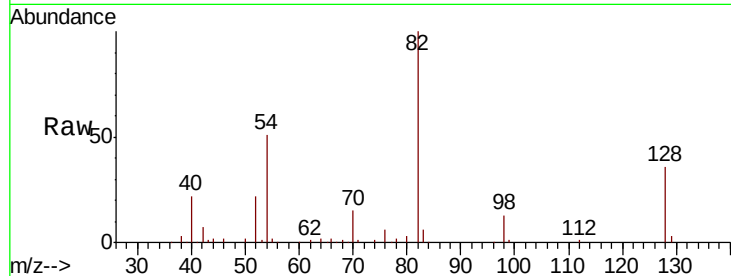




#23
 Nitrobenzene-d5
 Concen: 94.284 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG041535.D
 Acq: 29 Jun 2019 6:34

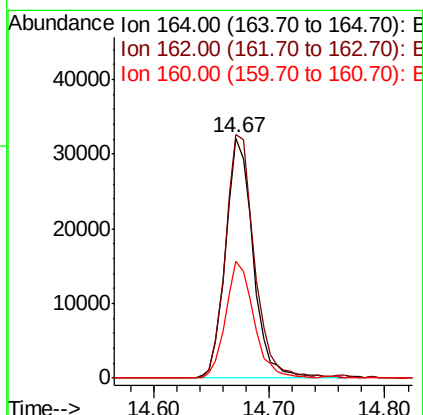
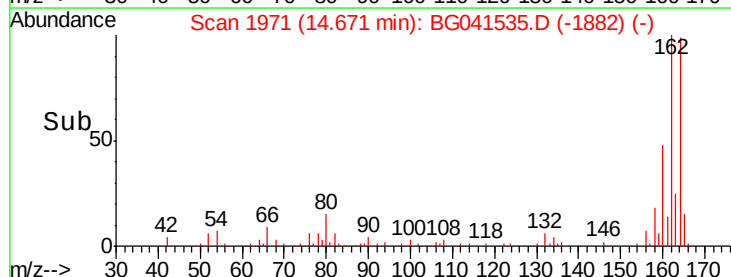
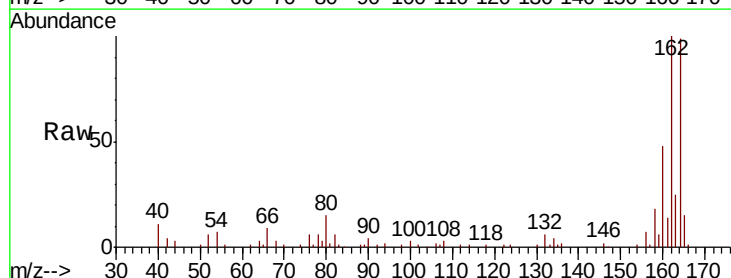
Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-14

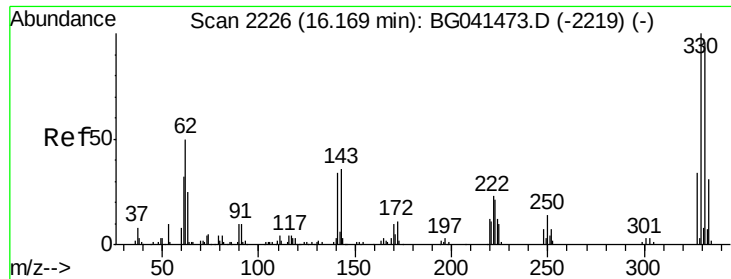
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.8	30.9	46.3
54	51.1	42.2	63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: BG041535.D
 Acq: 29 Jun 2019 6:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	84.4	126.6
160	48.5	38.8	58.2

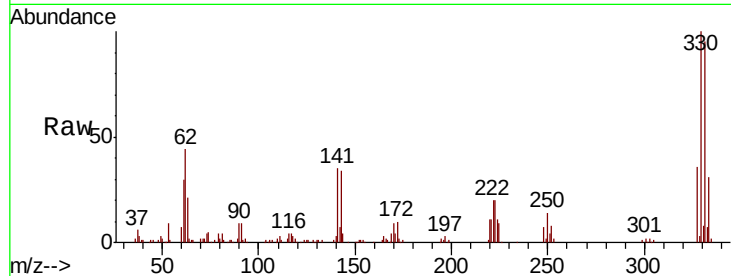




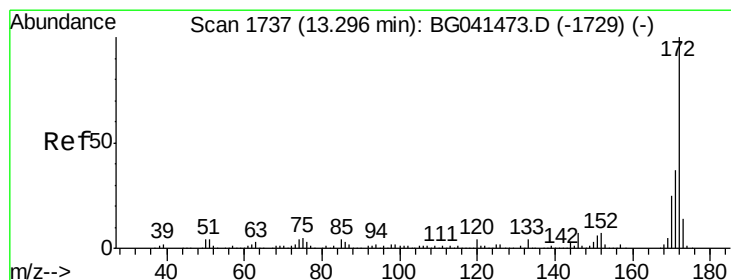
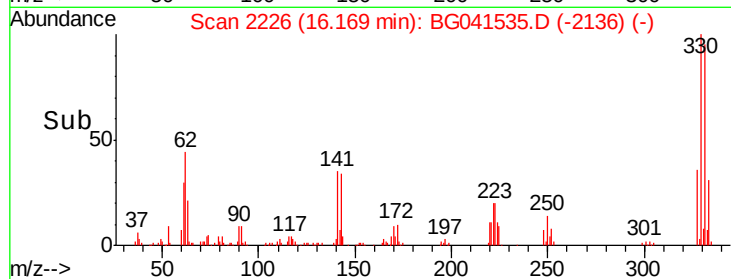
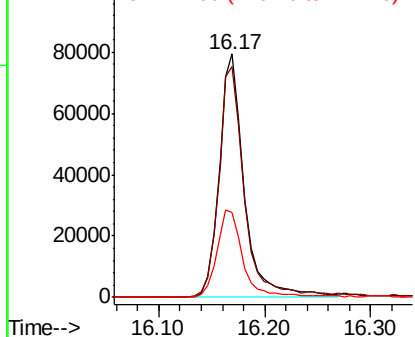
#42
 2,4,6-Tribromophenol
 Concen: 144.884 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BG041535.D
 Acq: 29 Jun 2019 6:34

Instrument :
 BNA_G
 ClientSampled :
 SAMPLE-14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.5	75.5	113.3
141	37.3	27.8	41.6

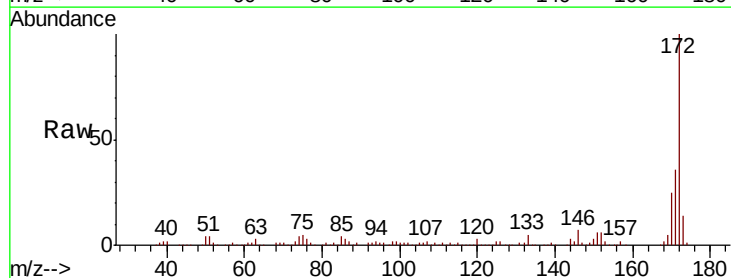


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

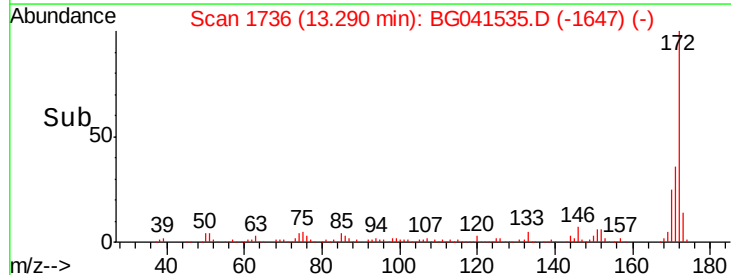
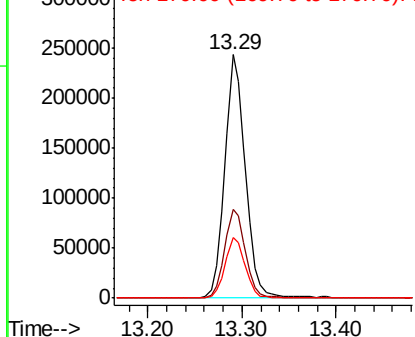


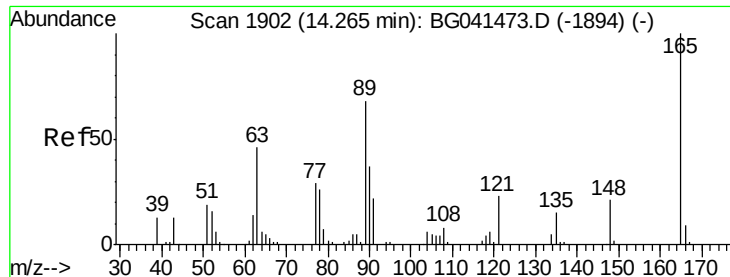
#45
 2-Fluorobiphenyl
 Concen: 89.494 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG041535.D
 Acq: 29 Jun 2019 6:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.7	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

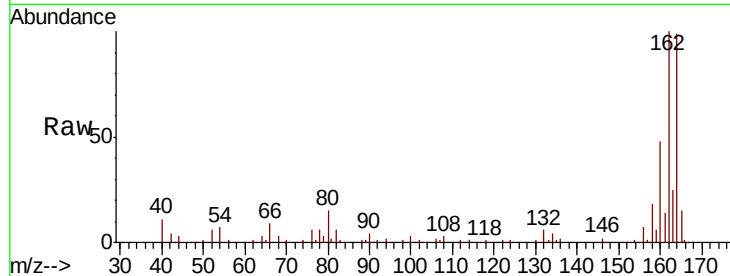




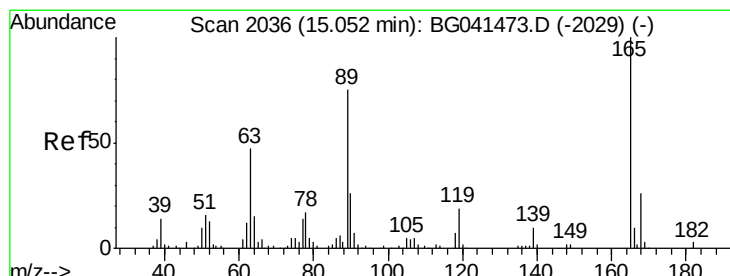
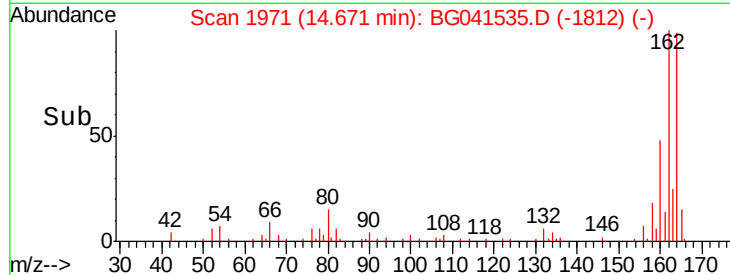
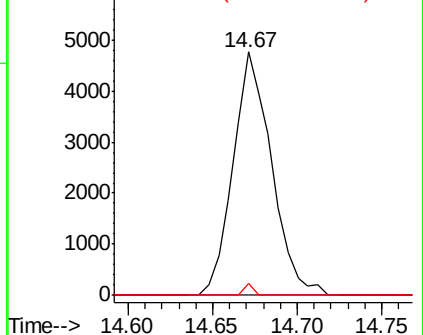
#51
 2,6-Dinitrotoluene
 Concen: 7.351 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.41 min
 Lab File: BG041535.D
 Acq: 29 Jun 2019 6:34

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	56.4	84.6#
89	4.8	54.6	81.8#

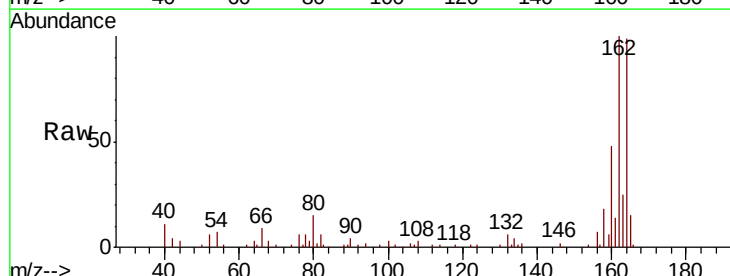


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

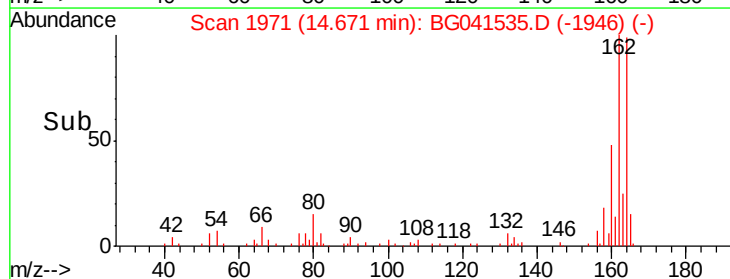
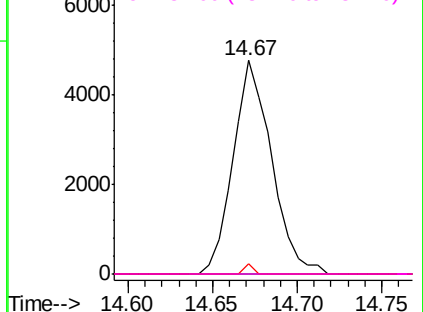


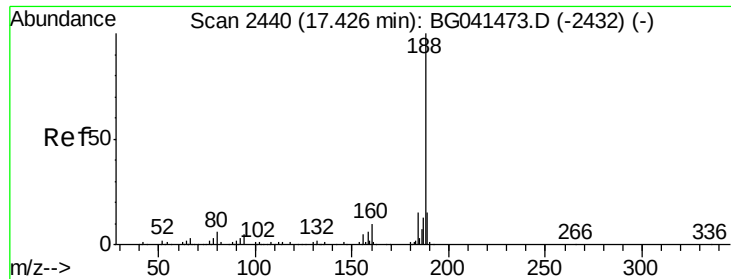
#57
 2,4-Dinitrotoluene
 Concen: 5.067 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.38 min
 Lab File: BG041535.D
 Acq: 29 Jun 2019 6:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.8	58.2#
89	4.8	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# 2439

Delta R.T. -0.01 min

Lab File: BG041535.D

Acq: 29 Jun 2019 6:34

Instrument :

BNA_G

ClientSampleId :

SAMPLE-14

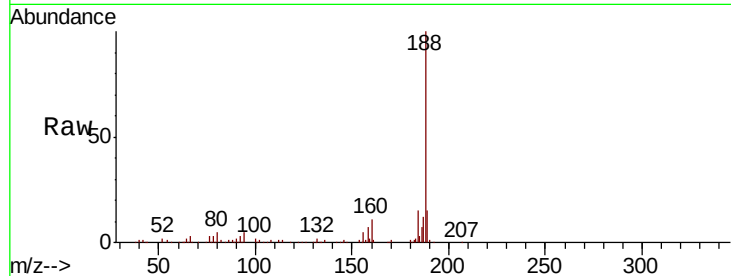
Tgt Ion:188 Resp: 170974

Ion Ratio Lower Upper

188 100

94 4.5 3.8 5.8

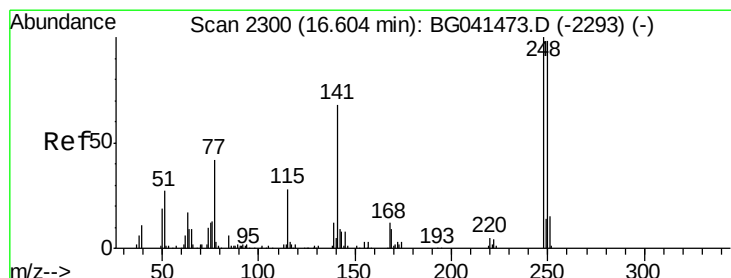
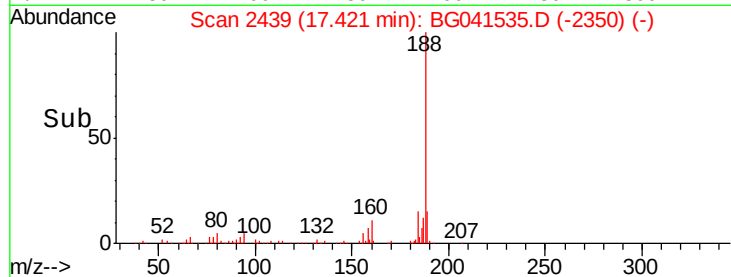
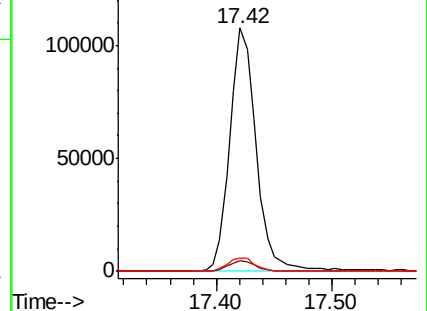
80 5.3 4.8 7.2



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: 3.814 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.44 min

Lab File: BG041535.D

Acq: 29 Jun 2019 6:34

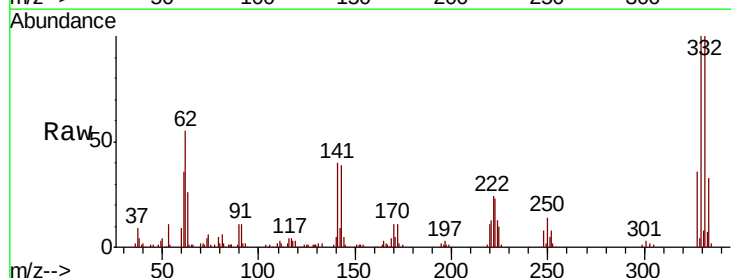
Tgt Ion:248 Resp: 8910

Ion Ratio Lower Upper

248 100

250 183.2 78.1 117.1#

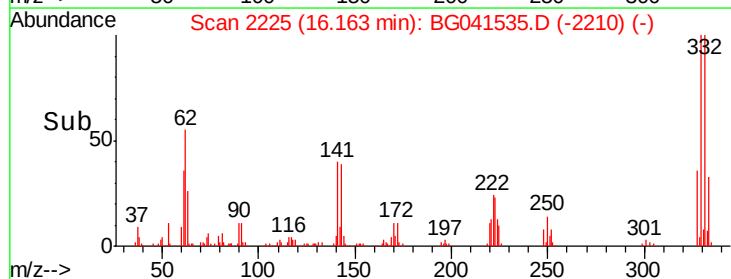
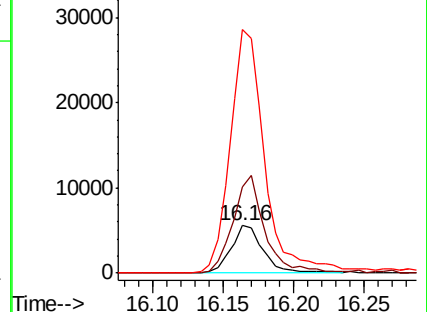
141 515.5 54.1 81.1#

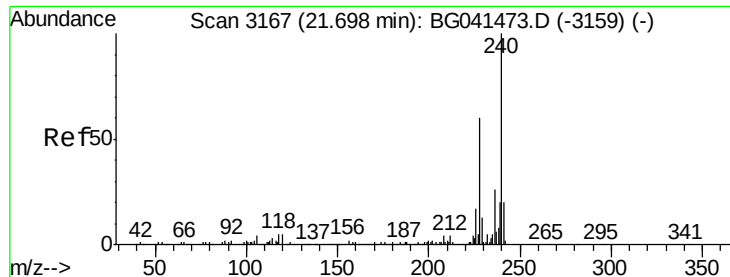


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

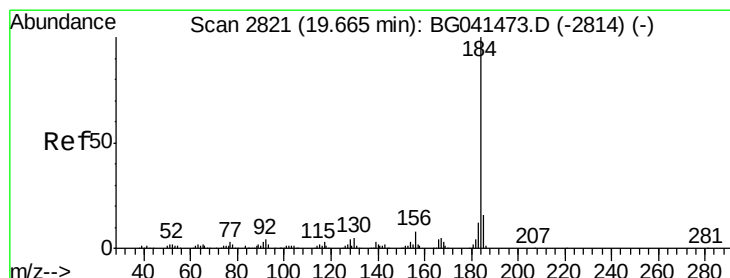
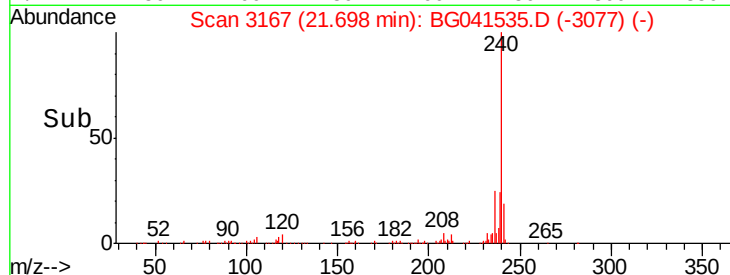
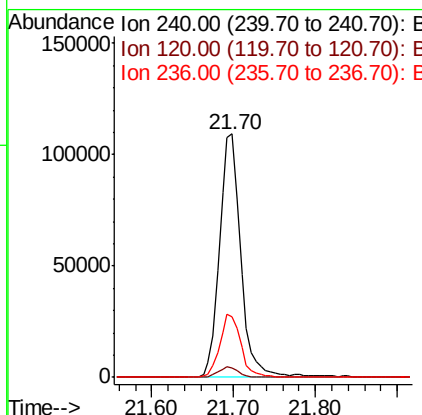
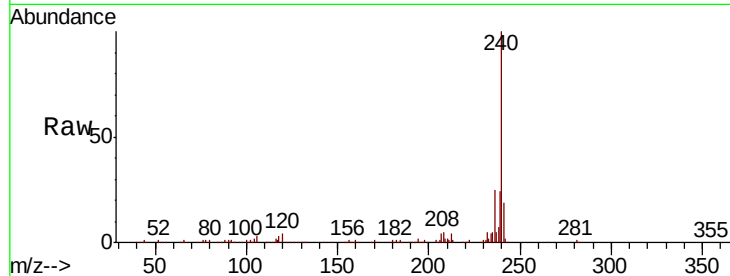




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. 0.00 min
 Lab File: BG041535.D
 Acq: 29 Jun 2019 6:34

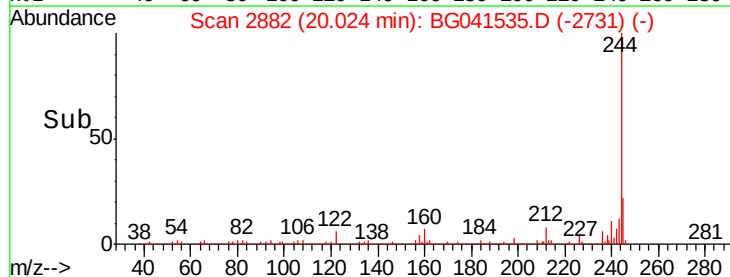
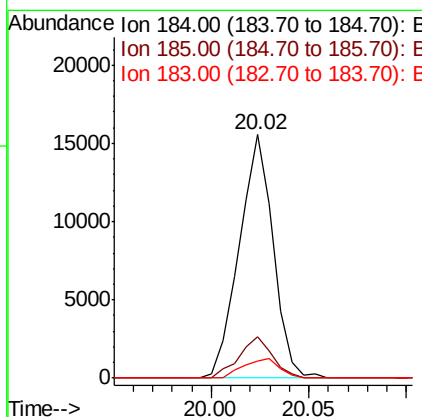
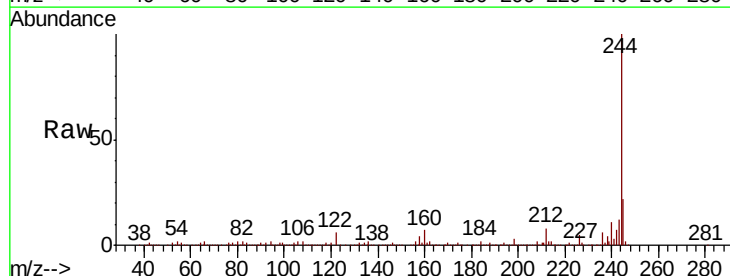
Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-14

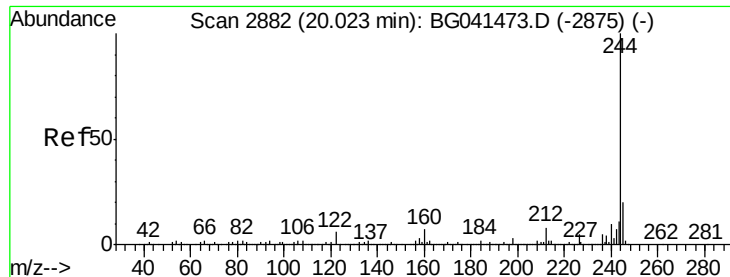
Tgt Ion: 240 Resp: 198816
 Ion Ratio Lower Upper
 240 100
 120 3.7 3.7 5.5
 236 25.1 20.8 31.2



#77
 Benzidine
 Concen: 4.235 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. 0.36 min
 Lab File: BG041535.D
 Acq: 29 Jun 2019 6:34

Tgt Ion: 184 Resp: 18682
 Ion Ratio Lower Upper
 184 100
 185 17.1 12.7 19.1
 183 6.8 9.4 14.2#





#79

Terphenyl-d14

Concen: 112.042 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG041535.D

Acq: 29 Jun 2019 6:34

Instrument :

BNA_G

ClientSampled :

SAMPLE-14

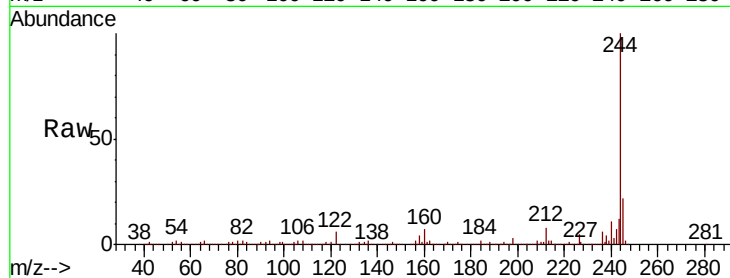
Tgt Ion:244 Resp: 1048231

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.4

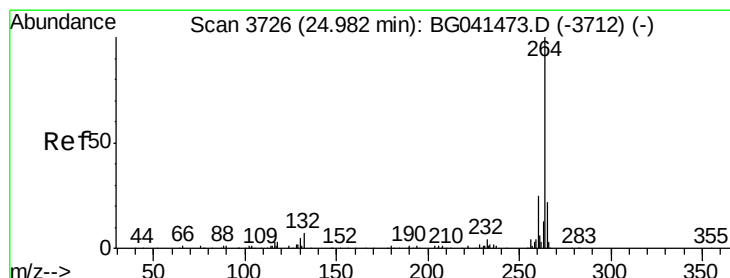
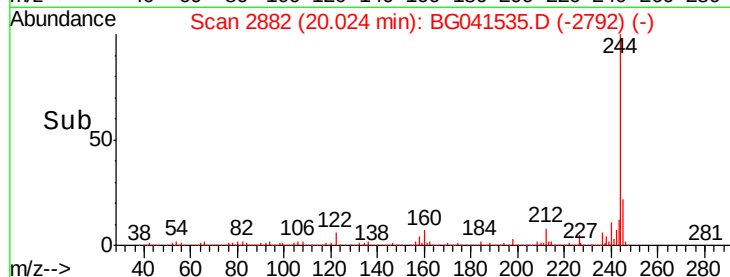
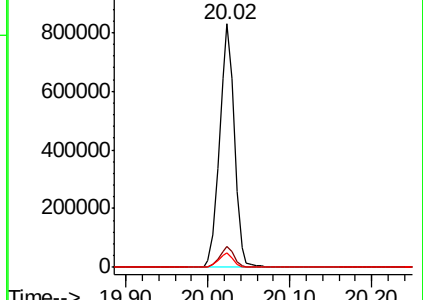
122 6.1 4.8 7.2



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# 3725

Delta R.T. -0.01 min

Lab File: BG041535.D

Acq: 29 Jun 2019 6:34

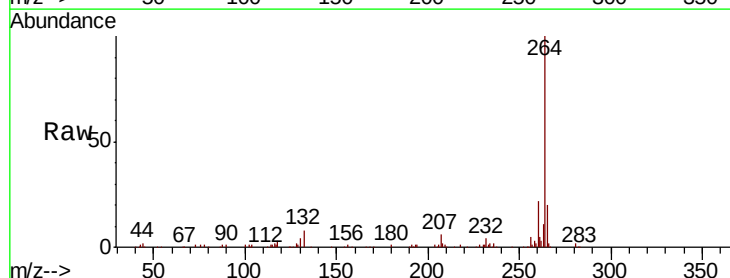
Tgt Ion:264 Resp: 201237

Ion Ratio Lower Upper

264 100

260 22.3 19.7 29.5

265 20.4 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

