

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
 Data File : BG041530.D
 Acq On : 29 Jun 2019 3:24
 Operator : HP/JU
 Sample : K3507-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-062619-B

Quant Time: Jun 29 04:16:15 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

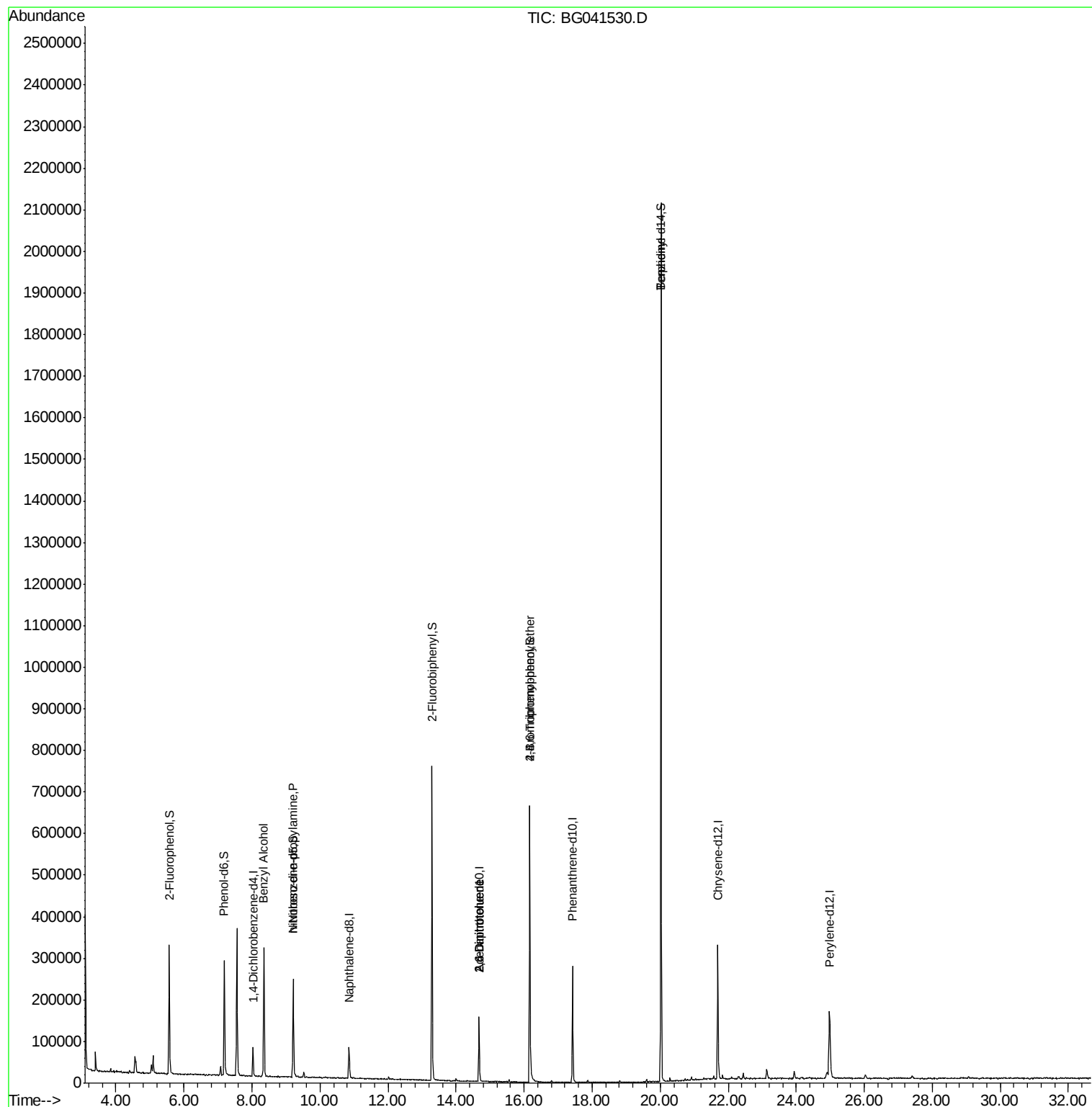
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	19490	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	69903	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	57356	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	184703	20.00	ng	0.00
76) Chrysene-d12	21.70	240	209629	20.00	ng	0.00
87) Perylene-d12	24.98	264	215573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	124183	113.60	ng	0.00
7) Phenol-d6	7.19	99	153257	99.59	ng	0.00
23) Nitrobenzene-d5	9.21	82	151153	90.18	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	135769	138.64	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	372559	83.35	ng	0.00
79) Terphenyl-d14	20.03	244	1035051	104.93	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.35	79	2750	2.244	ng	# 45
19) n-Nitroso-di-n-propylamine	9.22	70	20131	17.537	ng	# 78
51) 2,6-Dinitrotoluene	14.67	165	7328	6.616	ng	# 15
57) 2,4-Dinitrotoluene	14.67	165	7328	4.560	ng	# 20
67) 4-Bromophenyl-phenylether	16.17	248	8900	3.526	ng	# 1
77) Benzidine	20.03	184	18000	3.870	ng	# 95

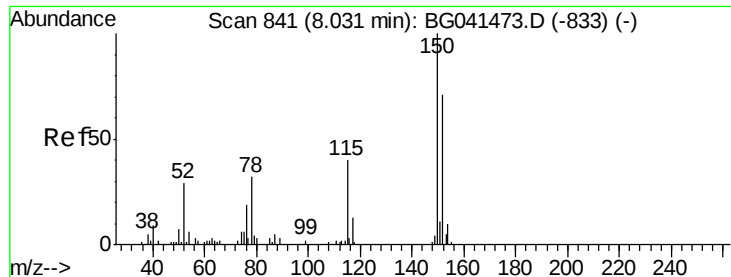
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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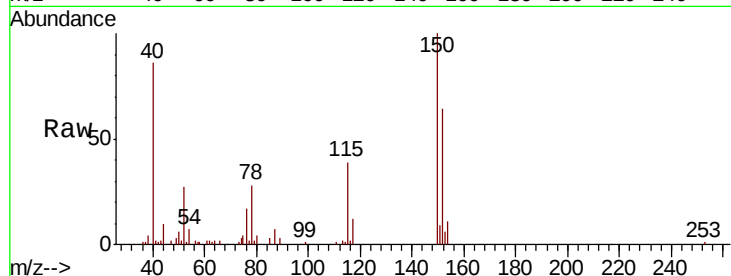


#1

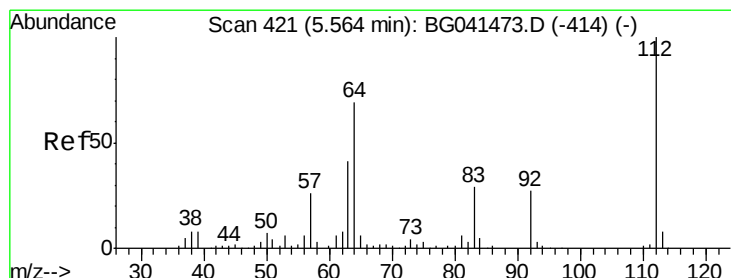
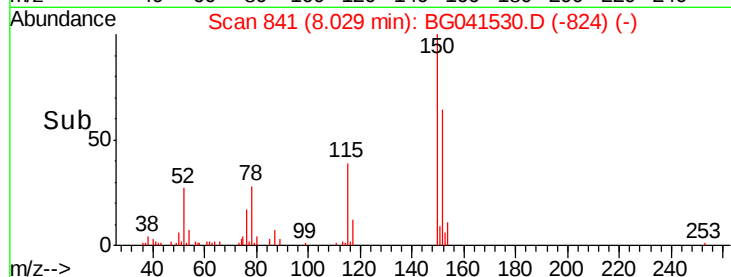
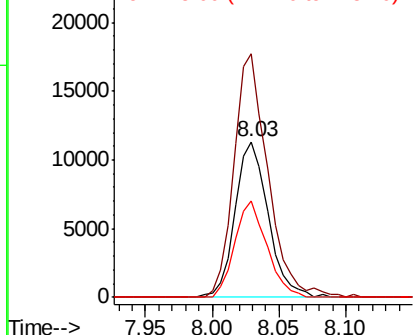
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BG041530.D
 Acq: 29 Jun 2019 3:24

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-062619-B

Tgt Ion:152 Resp: 19490
 Ion Ratio Lower Upper
 152 100
 150 156.7 112.4 168.6
 115 61.8 44.6 66.8



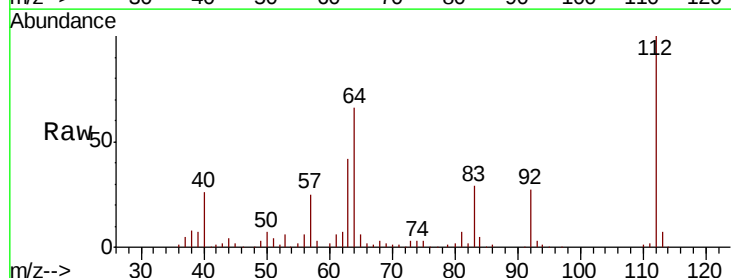
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



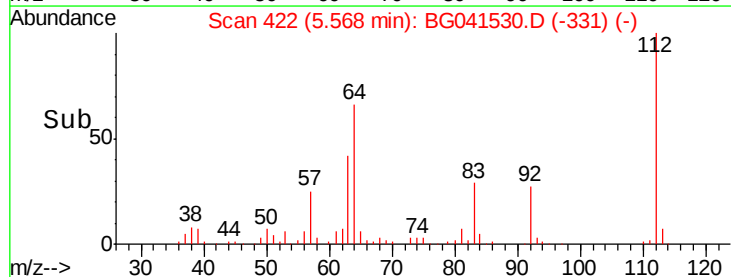
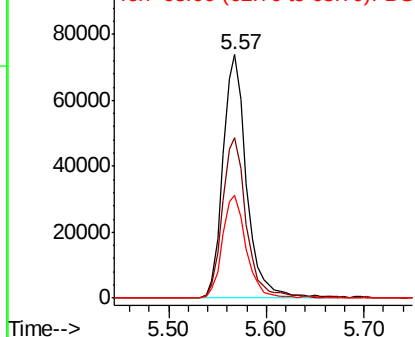
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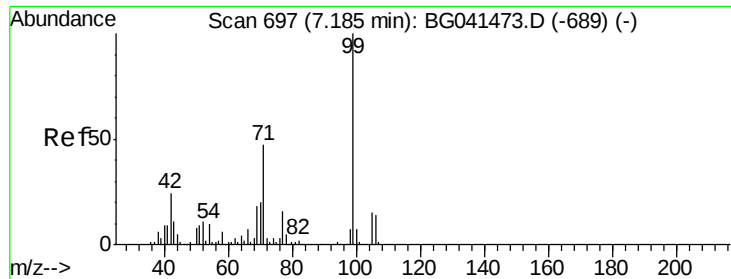
2-Fluorophenol
 Concen: 113.597 ng
 RT: 5.57 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BG041530.D
 Acq: 29 Jun 2019 3:24

Tgt Ion:112 Resp: 124183
 Ion Ratio Lower Upper
 112 100
 64 66.0 55.1 82.7
 63 42.2 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: 99.587 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041530.D

Acq: 29 Jun 2019 3:24

Instrument :

BNA_G

ClientSampleId :

NB-07-062619-B

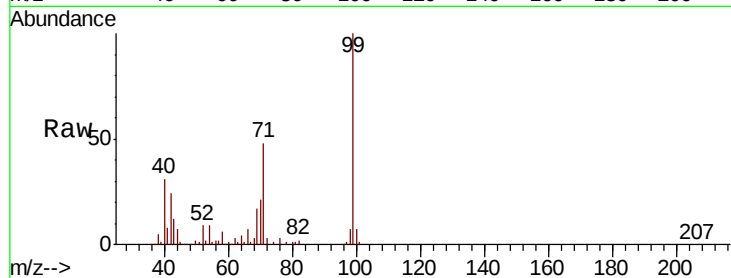
Tgt Ion: 99 Resp: 153257

Ion Ratio Lower Upper

99 100

42 23.7 19.0 28.6

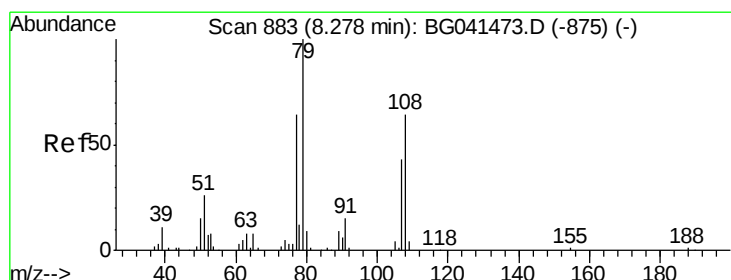
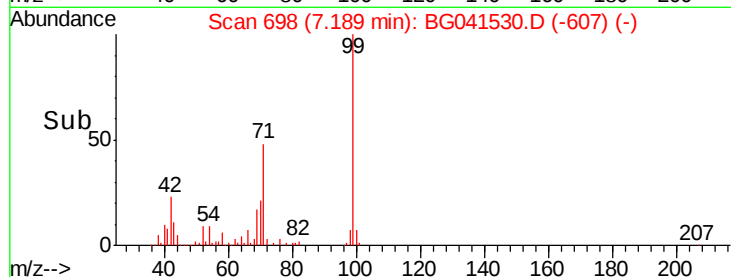
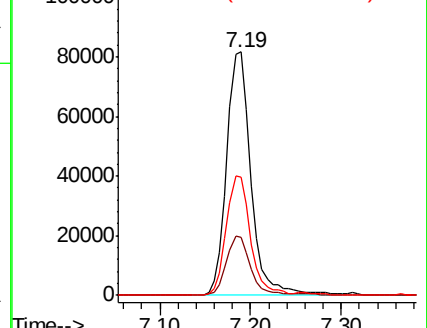
71 48.4 37.4 56.2



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: 2.244 ng

RT: 8.35 min Scan# 896

Delta R.T. 0.07 min

Lab File: BG041530.D

Acq: 29 Jun 2019 3:24

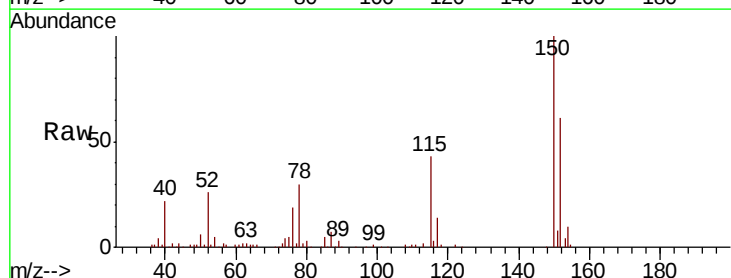
Tgt Ion: 79 Resp: 2750

Ion Ratio Lower Upper

79 100

108 36.1 51.4 77.0#

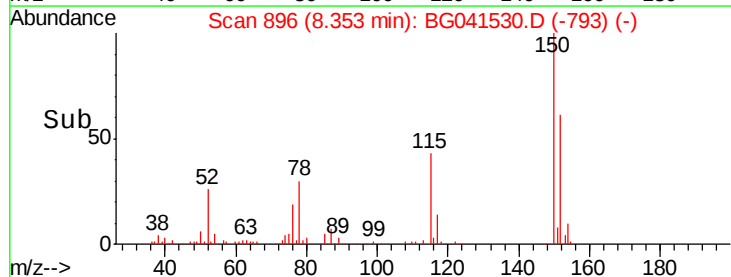
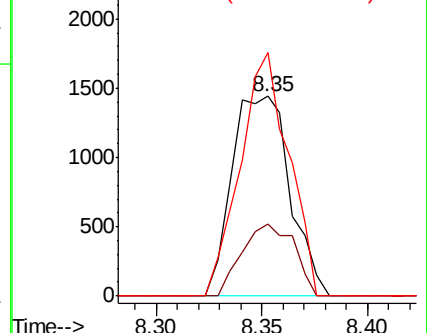
77 121.8 50.8 76.2#

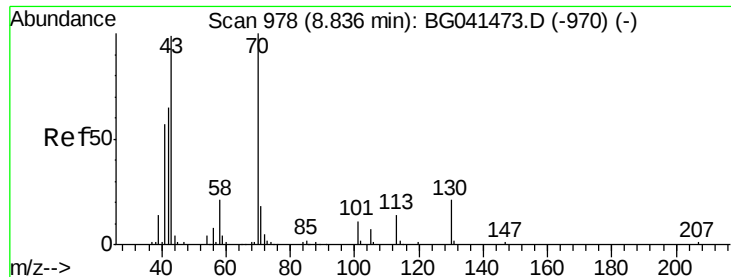


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

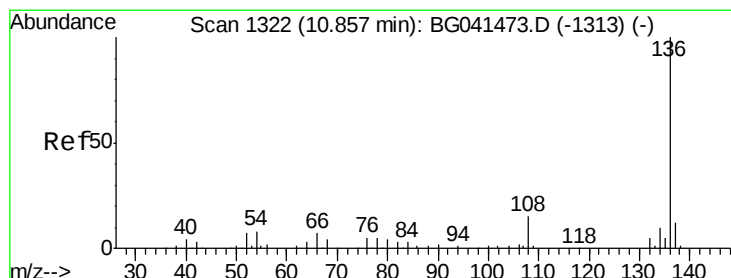
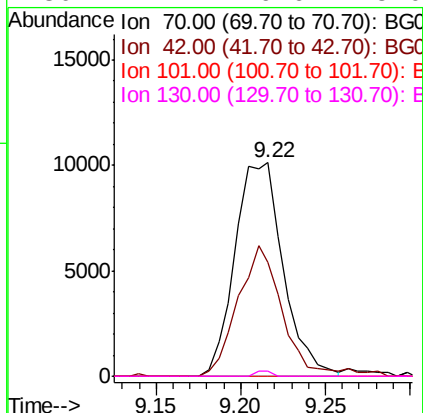
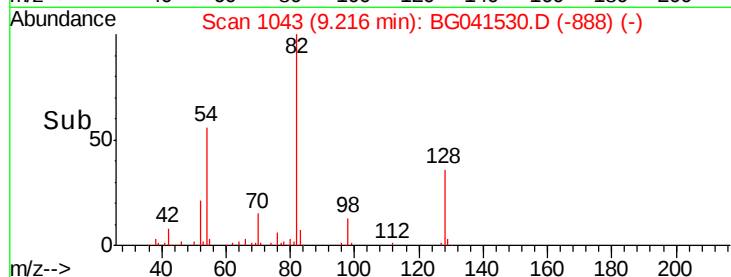
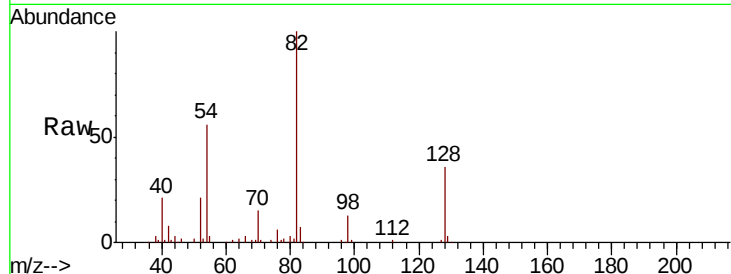




#19
 n-Nitroso-di-n-propylamine
 Concen: 17.537 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.38 min
 Lab File: BG041530.D
 Acq: 29 Jun 2019 3:24

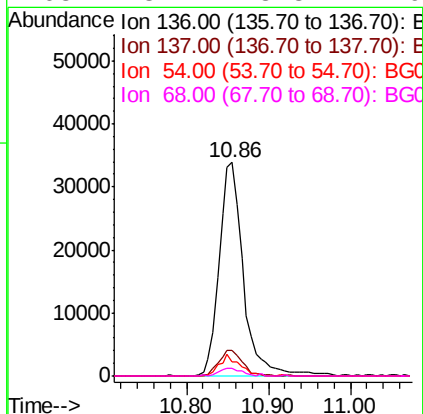
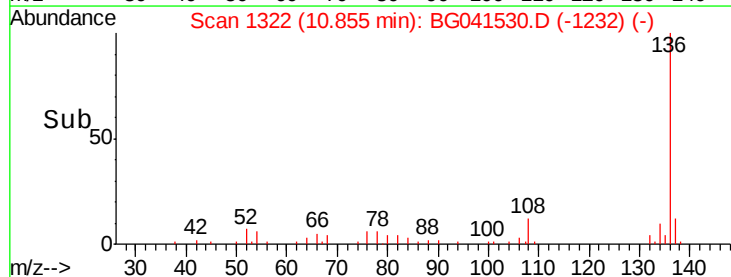
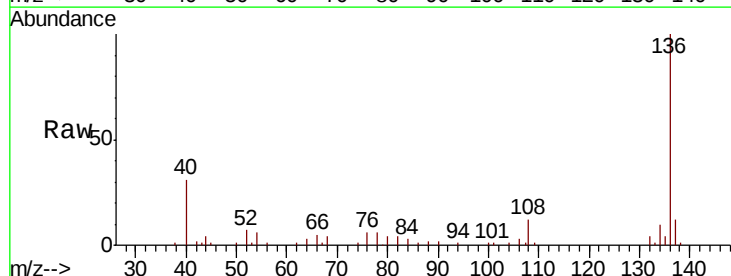
Instrument :
 BNA_G
 ClientSampleId :
 NB-07-062619-B

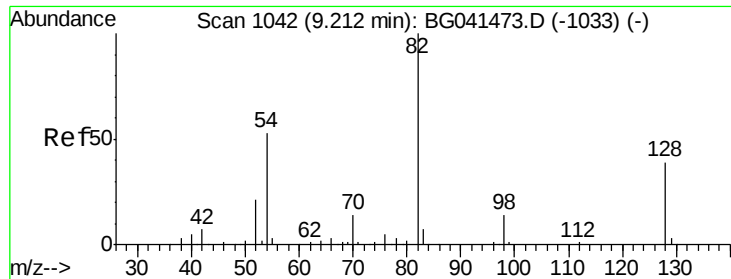
Tgt Ion: 70 Resp: 20131
 Ion Ratio Lower Upper
 70 100
 42 53.5 52.6 78.8
 101 0.0 8.6 13.0#
 130 2.4 16.6 25.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.86 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BG041530.D
 Acq: 29 Jun 2019 3:24

Tgt Ion: 136 Resp: 69903
 Ion Ratio Lower Upper
 136 100
 137 11.8 9.3 13.9
 54 6.3 7.1 10.7#
 68 3.7 3.3 4.9

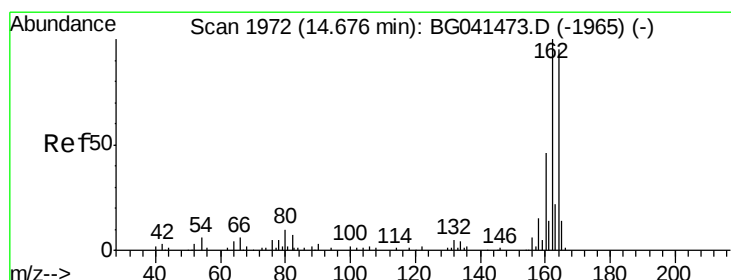
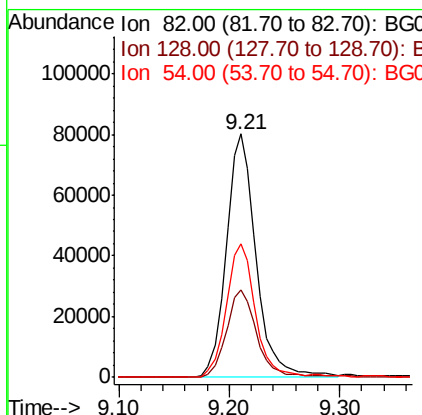
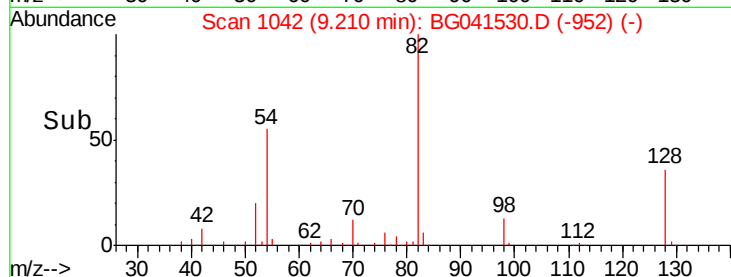
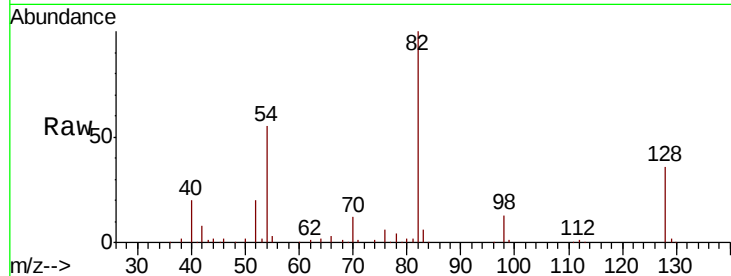




#23
 Nitrobenzene-d5
 Concen: 90.184 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041530.D
 Acq: 29 Jun 2019 3:24

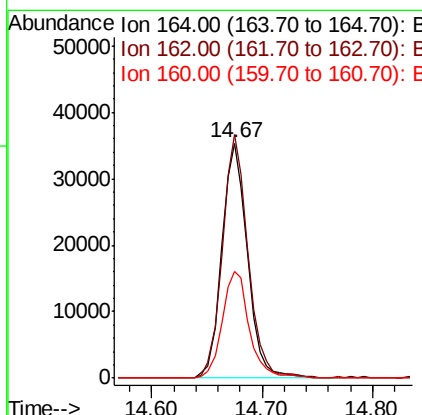
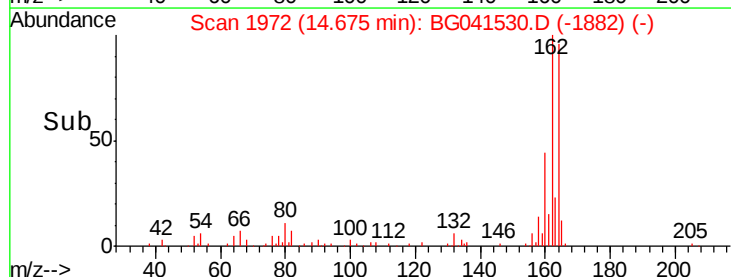
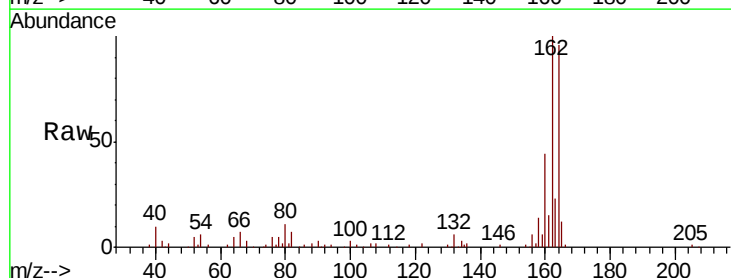
Instrument :
 BNA_G
 ClientSampleId :
 NB-07-062619-B

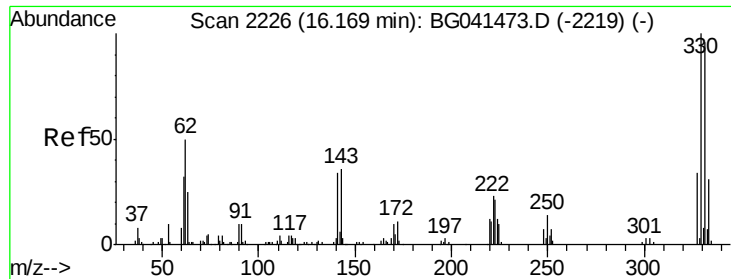
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.1	30.9	46.3
54	54.6	42.2	63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG041530.D
 Acq: 29 Jun 2019 3:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	84.4	126.6
160	45.7	38.8	58.2

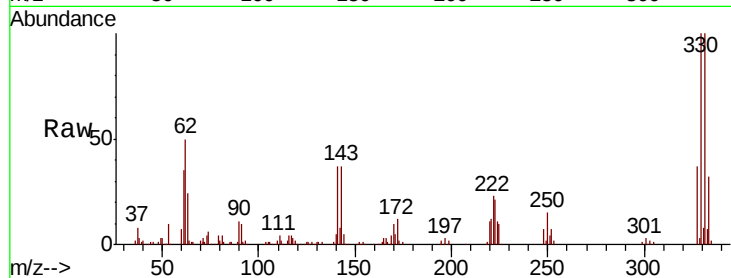




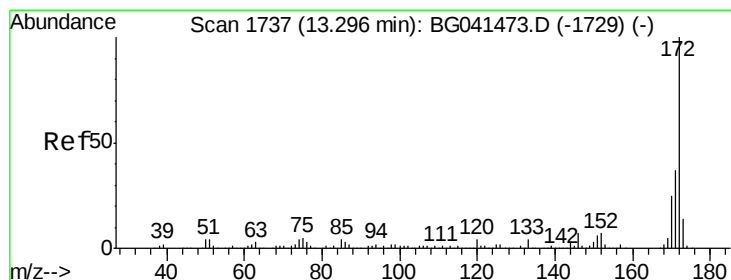
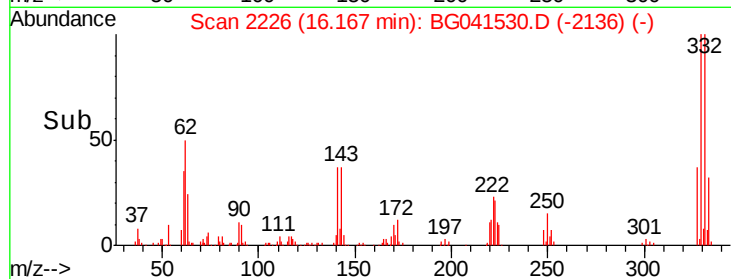
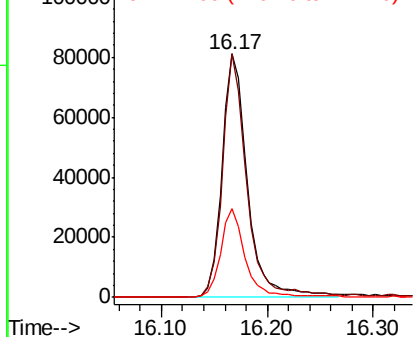
#42
 2,4,6-Tribromophenol
 Concen: 138.637 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG041530.D
 Acq: 29 Jun 2019 3:24

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-062619-B

Tgt Ion:330 Resp: 135769
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.5 113.3
 141 34.9 27.8 41.6

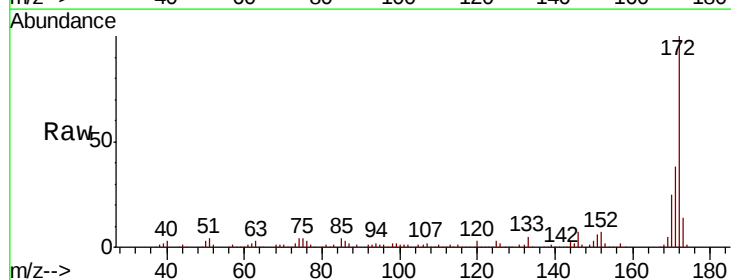


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

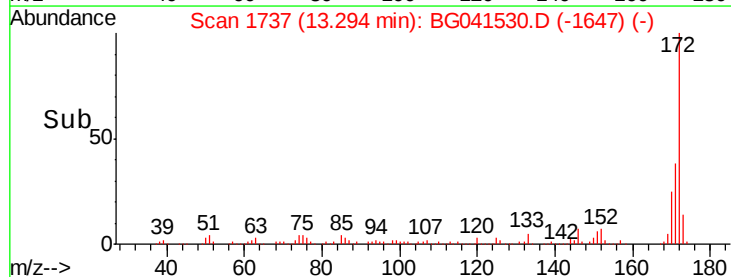
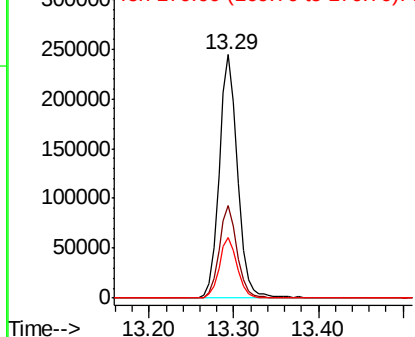


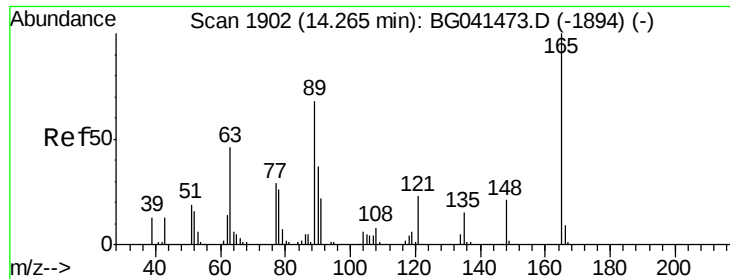
#45
 2-Fluorobiphenyl
 Concen: 83.355 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041530.D
 Acq: 29 Jun 2019 3:24

Tgt Ion:172 Resp: 372559
 Ion Ratio Lower Upper
 172 100
 171 38.2 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

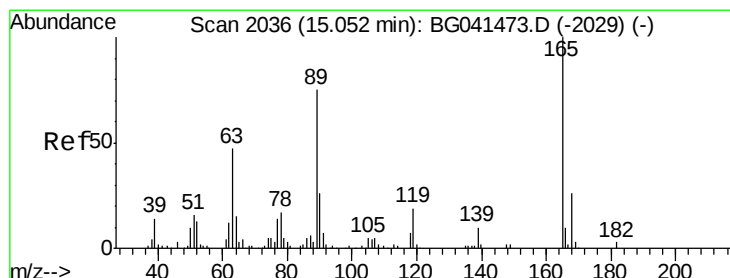
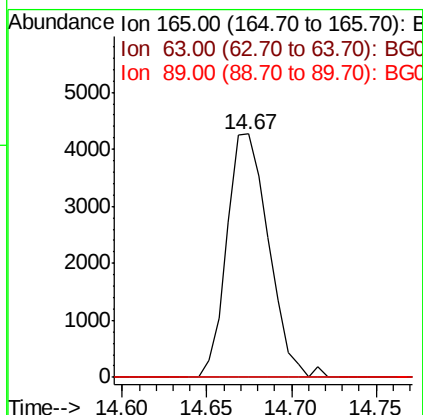
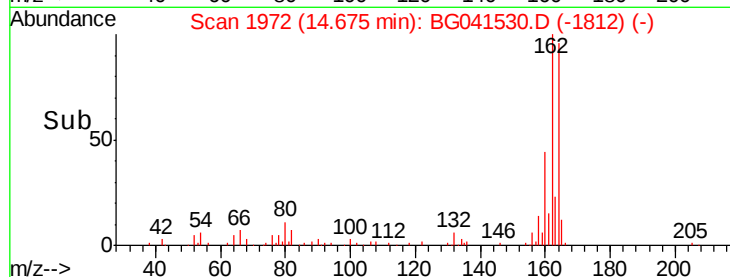
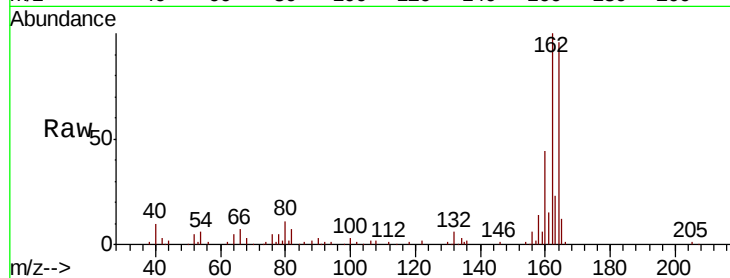




#51
 2,6-Dinitrotoluene
 Concen: 6.616 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. 0.41 min
 Lab File: BG041530.D
 Acq: 29 Jun 2019 3:24

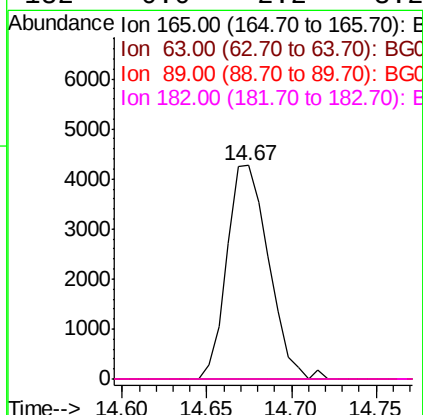
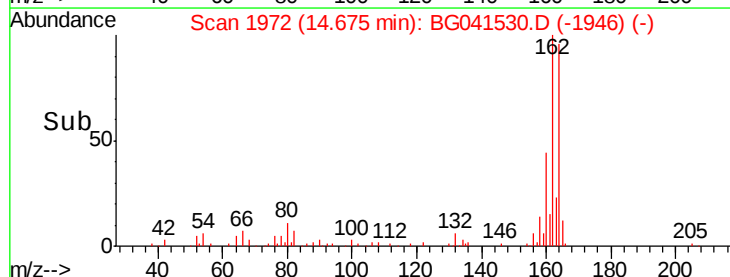
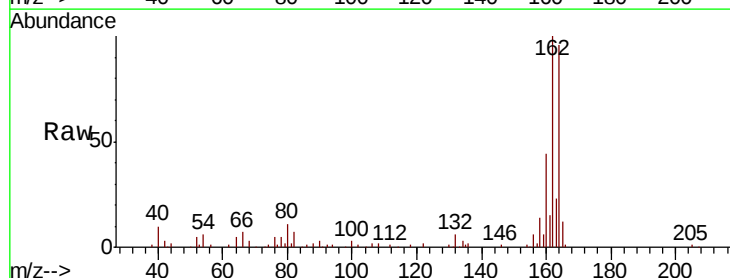
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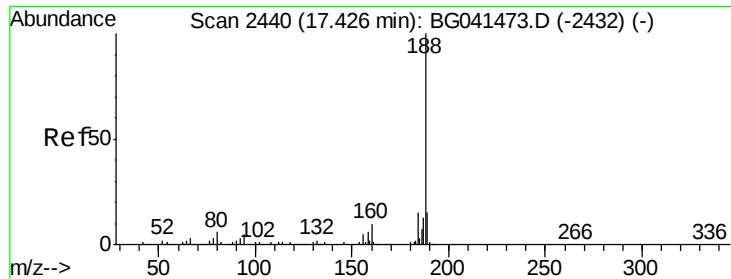
Tgt Ion:165 Resp: 7328
 Ion Ratio Lower Upper
 165 100
 63 0.0 56.4 84.6#
 89 0.0 54.6 81.8#



#57
 2,4-Dinitrotoluene
 Concen: 4.560 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.38 min
 Lab File: BG041530.D
 Acq: 29 Jun 2019 3:24

Tgt Ion:165 Resp: 7328
 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#

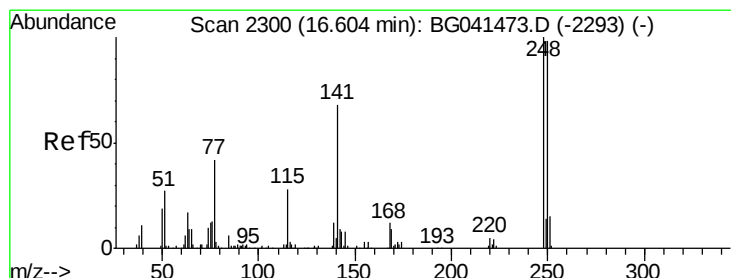
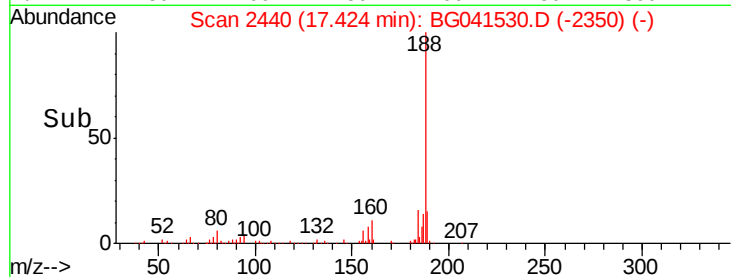
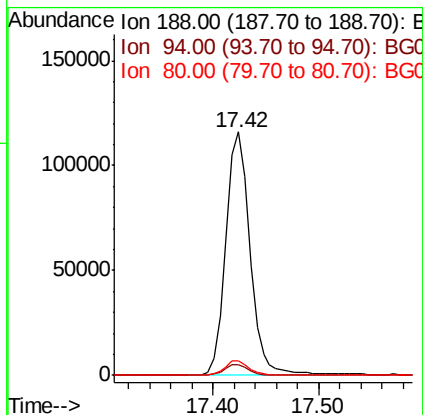
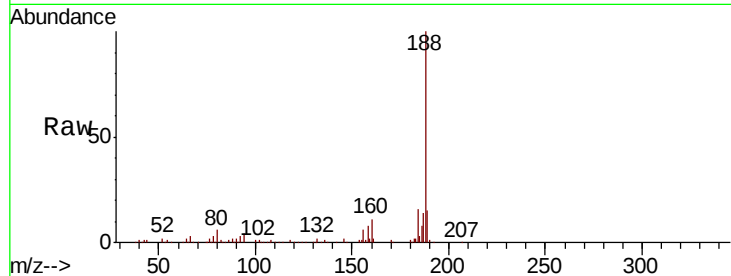




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG041530.D
 Acq: 29 Jun 2019 3:24

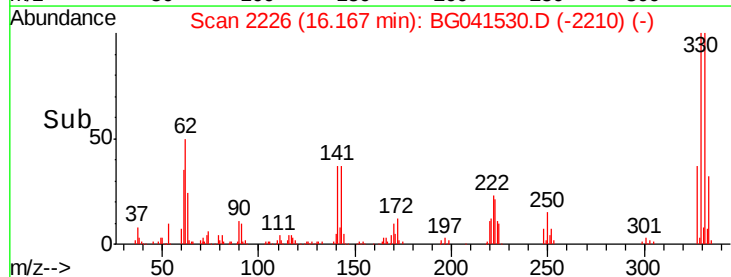
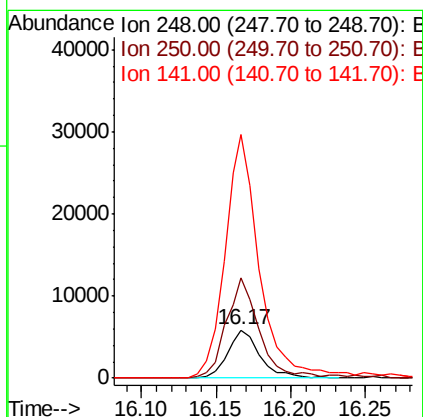
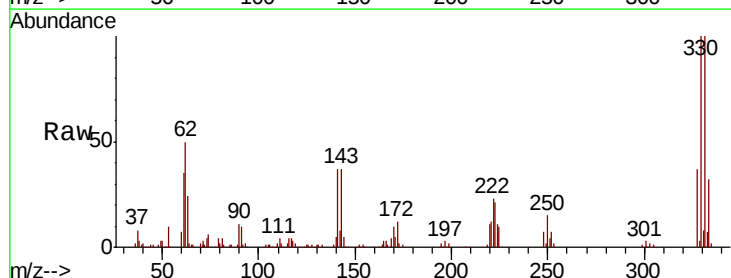
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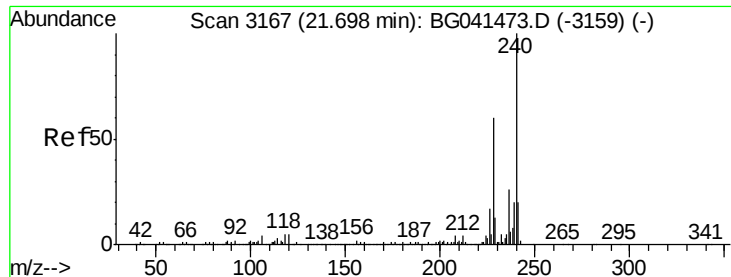
Tgt Ion:188 Resp: 184703
 Ion Ratio Lower Upper
 188 100
 94 4.5 3.8 5.8
 80 5.8 4.8 7.2



#67
 4-Bromophenyl-phenylether
 Concen: 3.526 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.44 min
 Lab File: BG041530.D
 Acq: 29 Jun 2019 3:24

Tgt Ion:248 Resp: 8900
 Ion Ratio Lower Upper
 248 100
 250 206.6 78.1 117.1#
 141 503.4 54.1 81.1#

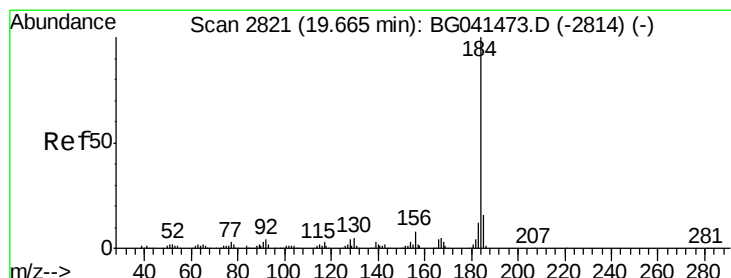
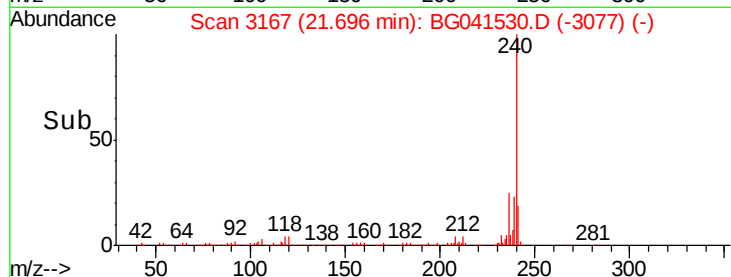
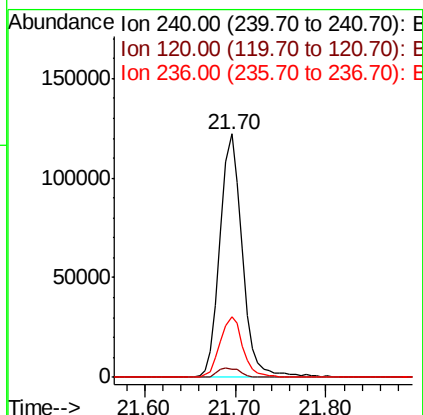
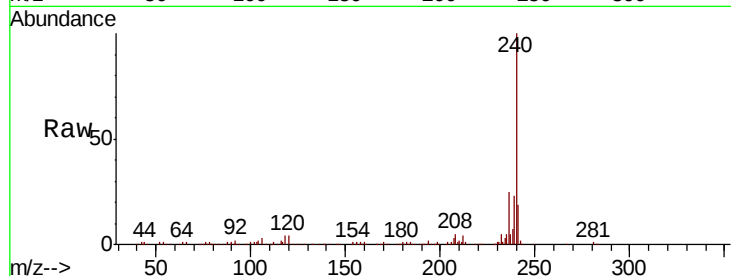




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041530.D
Acq: 29 Jun 2019 3:24

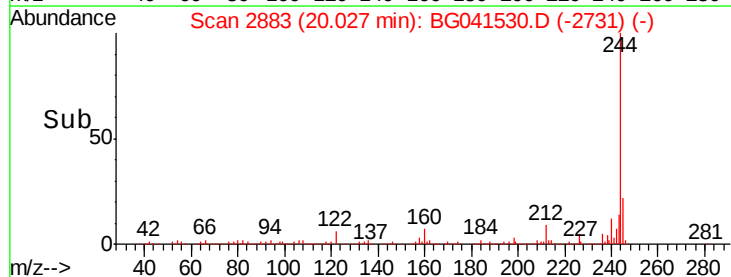
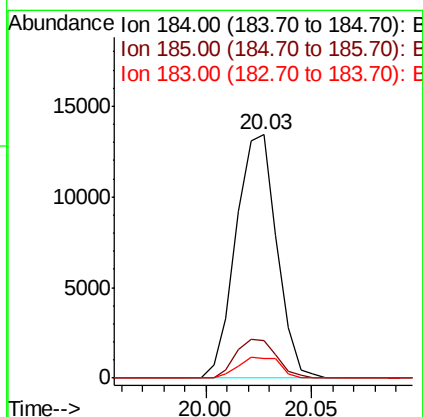
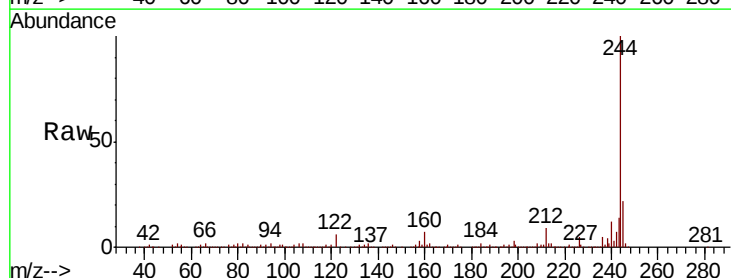
Instrument :
BNA_G
ClientSampleId :
NB-07-062619-B

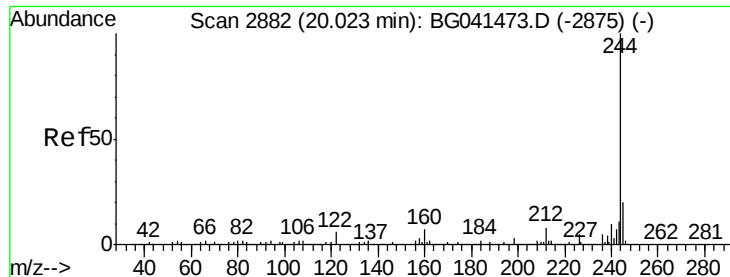
Tgt Ion:240 Resp: 209629
Ion Ratio Lower Upper
240 100
120 3.6 3.7 5.5#
236 24.9 20.8 31.2



#77
Benzidine
Concen: 3.870 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.36 min
Lab File: BG041530.D
Acq: 29 Jun 2019 3:24

Tgt Ion:184 Resp: 18000
Ion Ratio Lower Upper
184 100
185 15.6 12.7 19.1
183 8.0 9.4 14.2#





#79

Terphenyl-d14

Concen: 104.927 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041530.D

Acq: 29 Jun 2019 3:24

Instrument :

BNA_G

ClientSampleId :

NB-07-062619-B

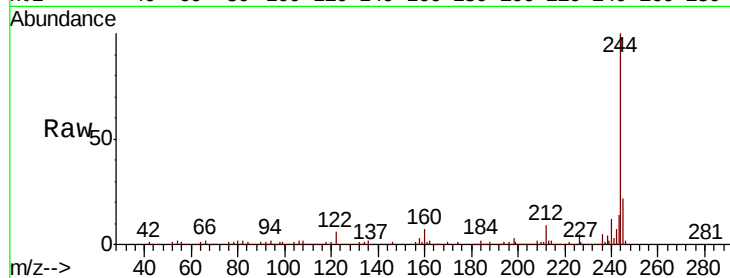
Tgt Ion:244 Resp: 1035051

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.4

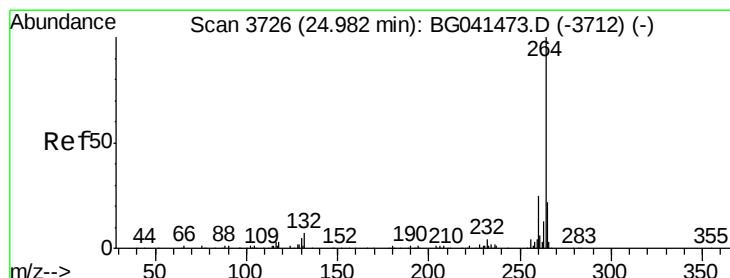
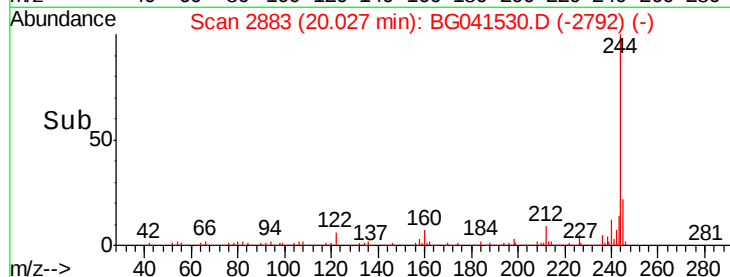
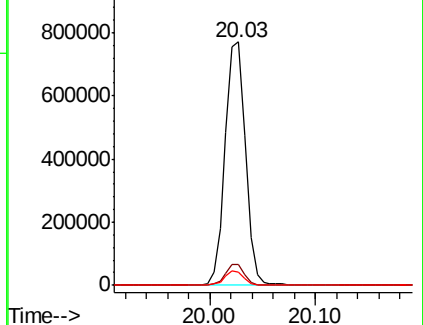
122 5.6 4.8 7.2



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: BG041530.D

Acq: 29 Jun 2019 3:24

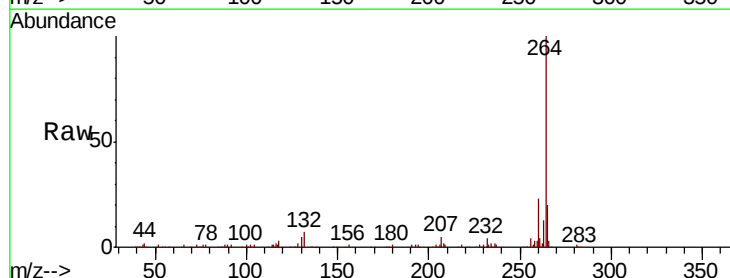
Tgt Ion:264 Resp: 215573

Ion Ratio Lower Upper

264 100

260 22.5 19.7 29.5

265 20.1 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

