

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031119\
 Data File : BG039856.D
 Acq On : 12 Mar 2019 1:43
 Operator : JU/SJ
 Sample : K1692-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-030819

Quant Time: Mar 12 03:39:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

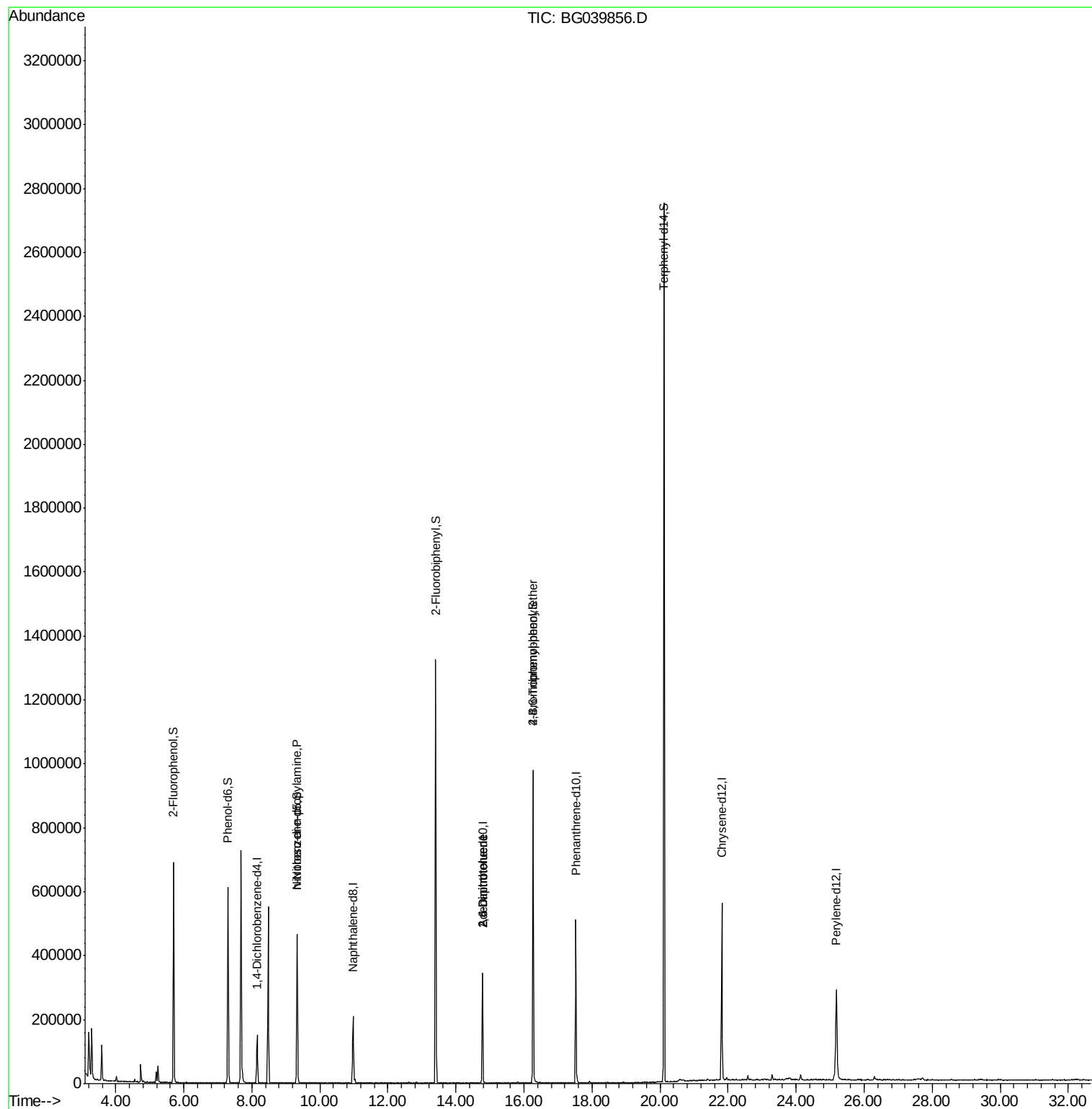
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	43143	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	175192	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	122692	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	322219	20.00	ng	0.00
76) Chrysene-d12	21.81	240	353846	20.00	ng	-0.02
87) Perylene-d12	25.18	264	341981	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	279765	110.63	ng	0.00
7) Phenol-d6	7.30	99	354919	94.13	ng	-0.02
23) Nitrobenzene-d5	9.33	82	278381	85.94	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	183239	128.13	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	697418	80.93	ng	-0.02
79) Terphenyl-d14	20.12	244	1259380	78.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.33	70	36889	13.592	ng	# 71
51) 2,6-Dinitrotoluene	14.78	165	15344	7.055	ng	# 23
57) 2,4-Dinitrotoluene	14.78	165	15344	5.021	ng	# 18
67) 4-Bromophenyl-phenylether	16.26	248	14522	4.026	ng	# 1

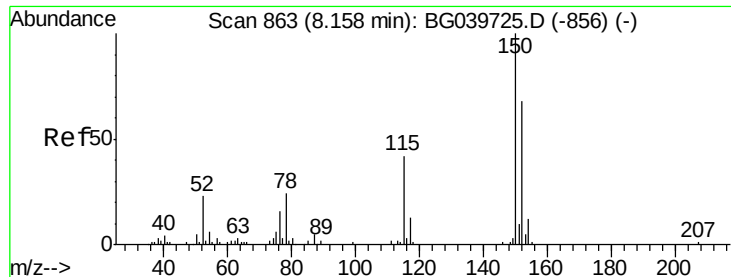
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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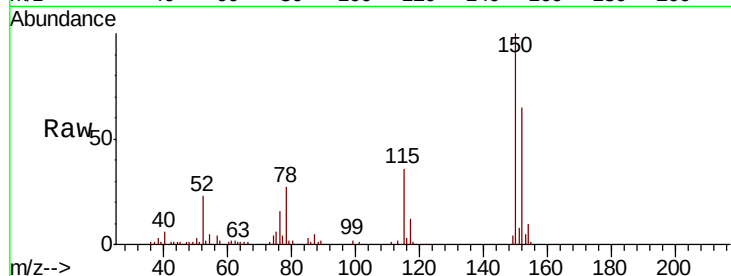


#1

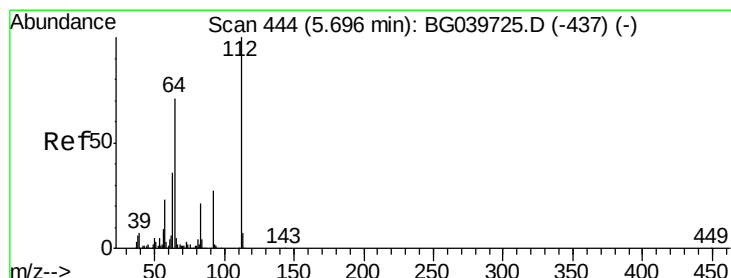
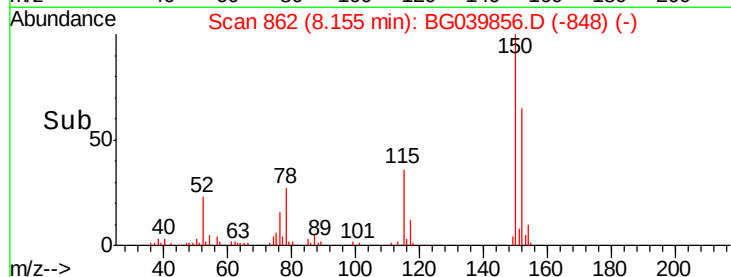
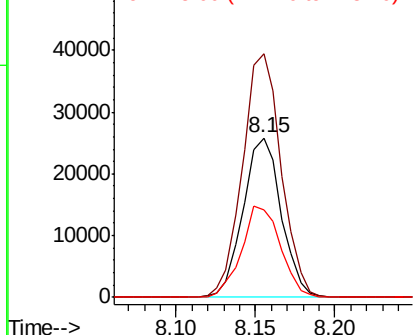
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039856.D
Acq: 12 Mar 2019 1:43

Instrument :
BNA_G
ClientSampleId :
OK-01-030819

Tgt Ion:152 Resp: 43143
Ion Ratio Lower Upper
152 100
150 152.8 123.7 185.5
115 54.5 45.9 68.9



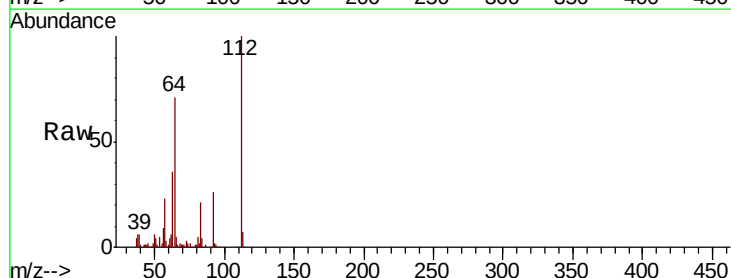
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



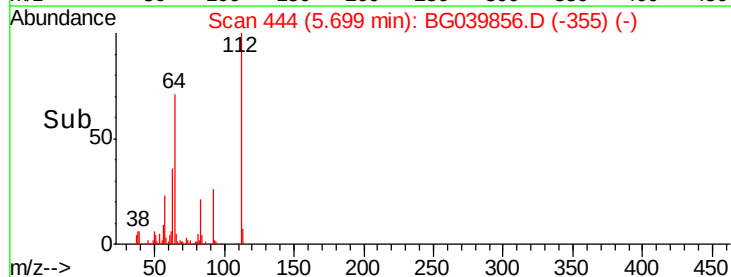
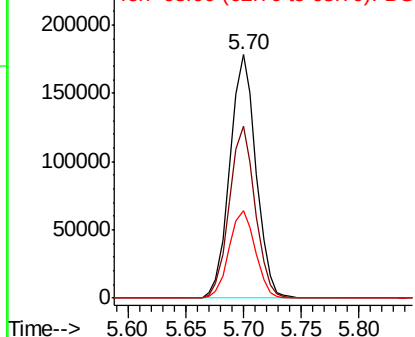
#5

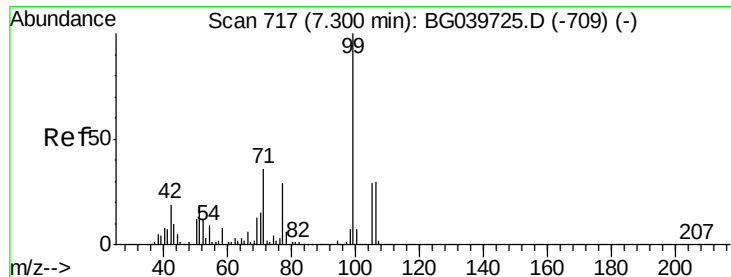
2-Fluorophenol
Concen: 110.628 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039856.D
Acq: 12 Mar 2019 1:43

Tgt Ion:112 Resp: 279765
Ion Ratio Lower Upper
112 100
64 70.6 57.8 86.8
63 36.0 29.8 44.6



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: 94.125 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039856.D

Acq: 12 Mar 2019 1:43

Instrument :

BNA_G

ClientSampled :

OK-01-030819

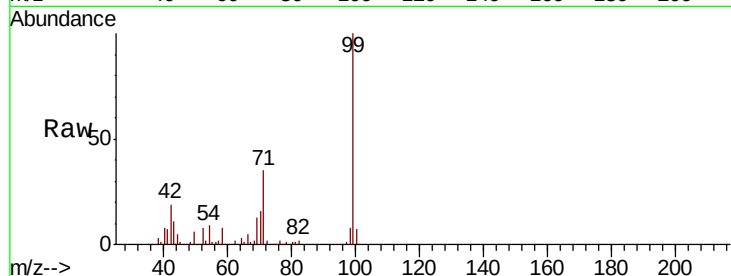
Tgt Ion: 99 Resp: 354919

Ion Ratio Lower Upper

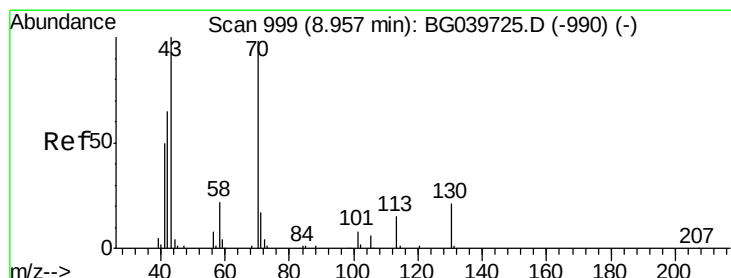
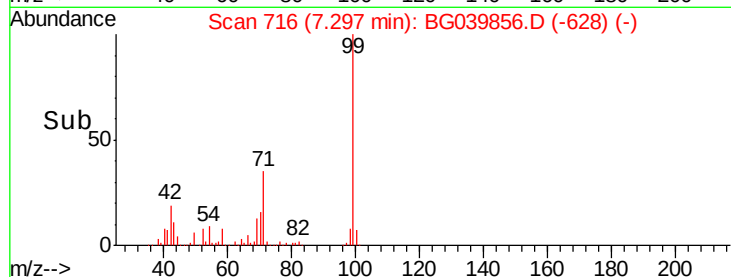
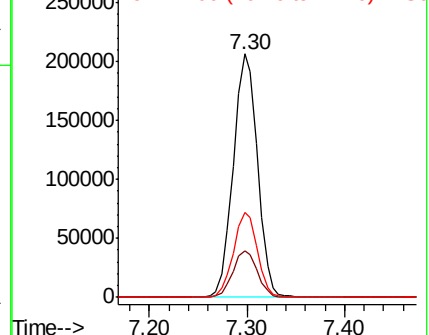
99 100

42 19.1 18.2 27.2

71 34.9 28.0 42.0



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: 13.592 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.36 min

Lab File: BG039856.D

Acq: 12 Mar 2019 1:43

Tgt Ion: 70 Resp: 36889

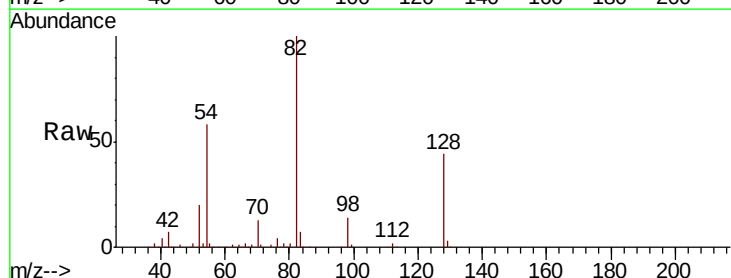
Ion Ratio Lower Upper

70 100

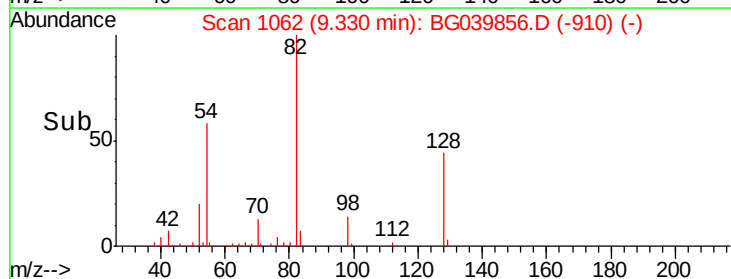
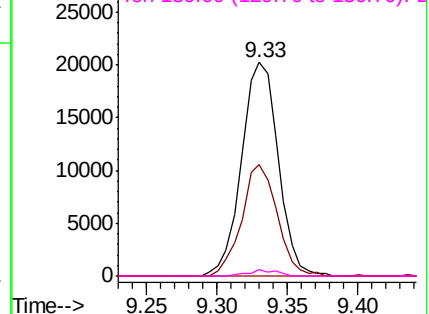
42 52.3 60.4 90.6#

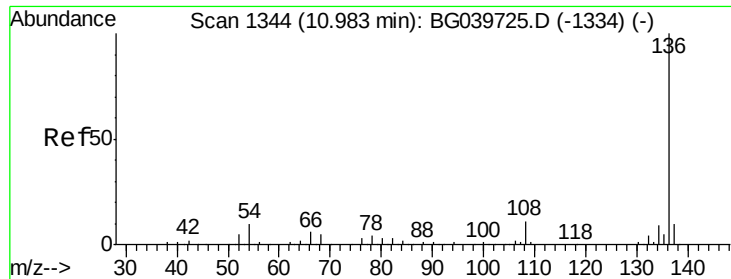
101 0.0 7.5 11.3#

130 2.9 16.9 25.3#



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

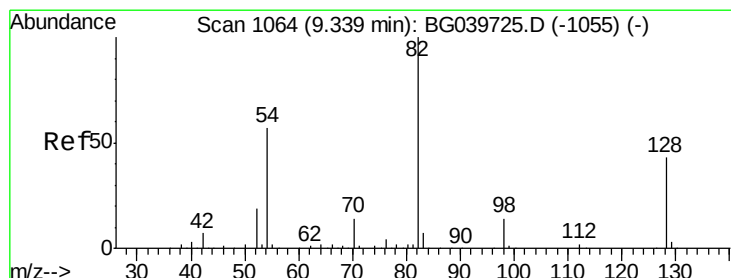
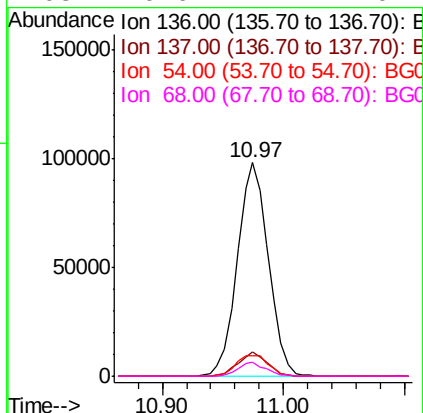
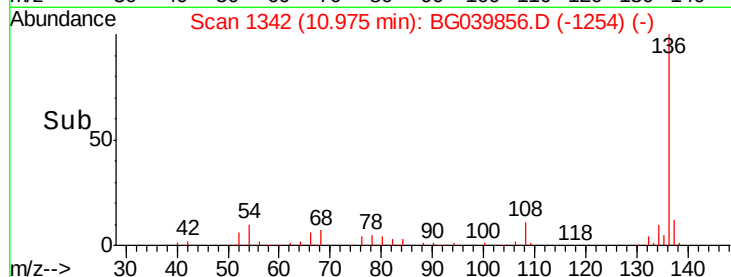
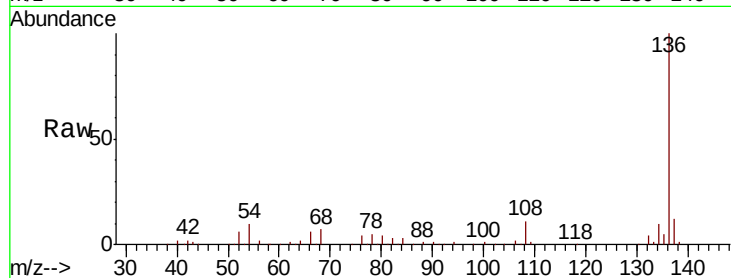




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039856.D
Acq: 12 Mar 2019 1:43

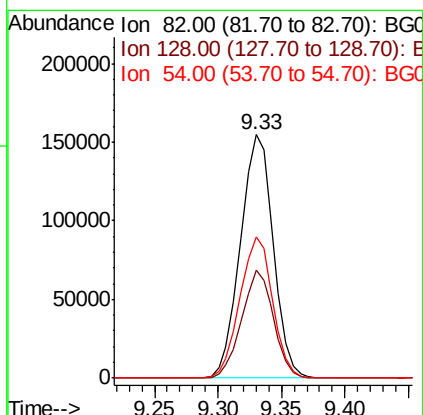
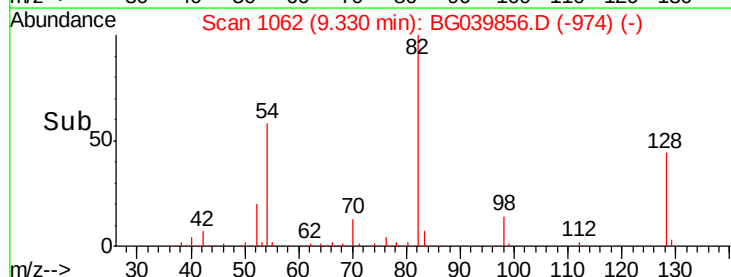
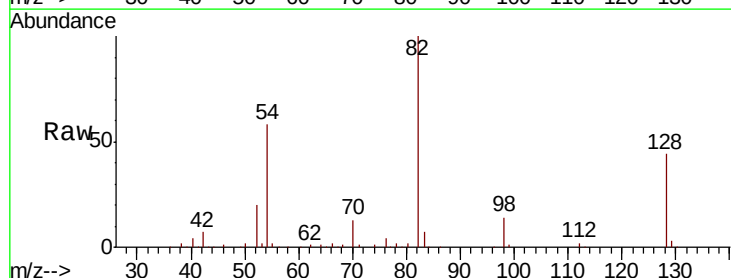
Instrument :
BNA_G
ClientSampleId :
OK-01-030819

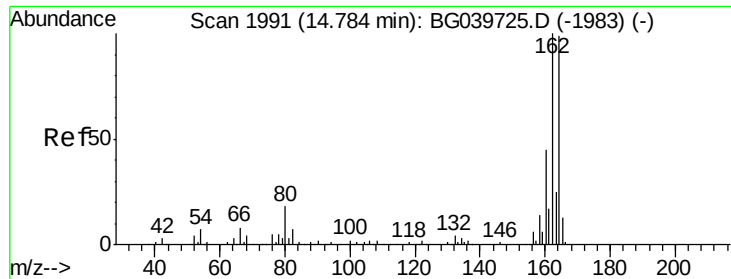
Tgt Ion:	136	Resp:	175192
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	9.8	9.4	14.2
68	6.6	4.2	6.4#



#23
Nitrobenzene-d5
Concen: 85.940 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039856.D
Acq: 12 Mar 2019 1:43

Tgt Ion:	82	Resp:	278381
Ion	Ratio	Lower	Upper
82	100		
128	44.3	31.3	46.9
54	58.1	50.9	76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039856.D

Acq: 12 Mar 2019 1:43

Instrument :

BNA_G

ClientSampleId :

OK-01-030819

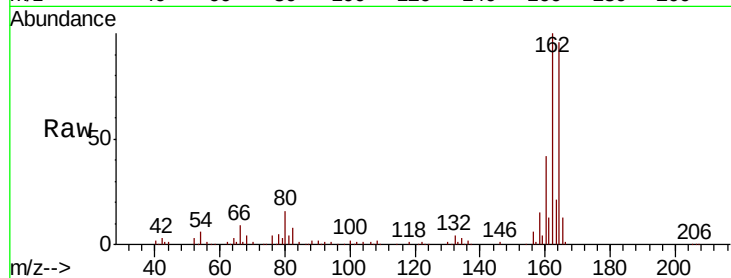
Tgt Ion:164 Resp: 122692

Ion Ratio Lower Upper

164 100

162 104.5 81.6 122.4

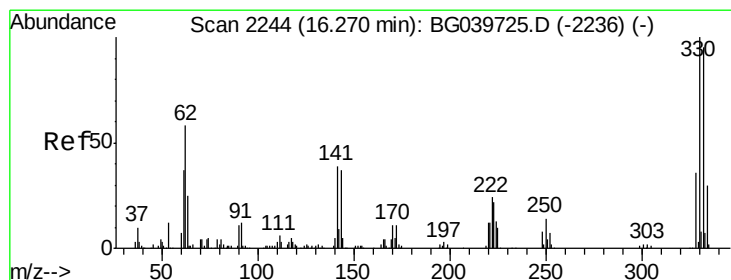
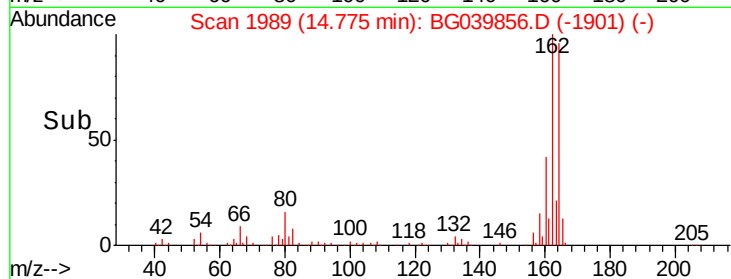
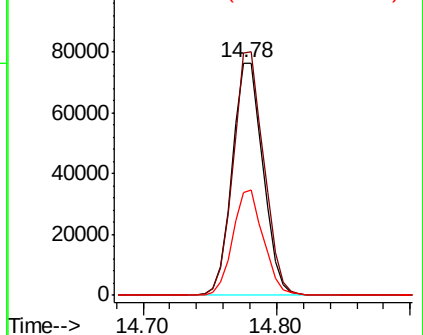
160 44.2 34.2 51.2



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: 128.133 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039856.D

Acq: 12 Mar 2019 1:43

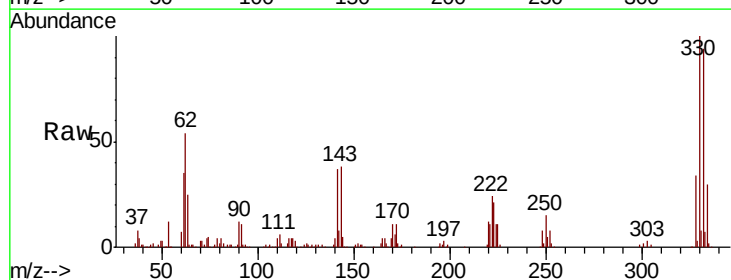
Tgt Ion:330 Resp: 183239

Ion Ratio Lower Upper

330 100

332 95.1 75.7 113.5

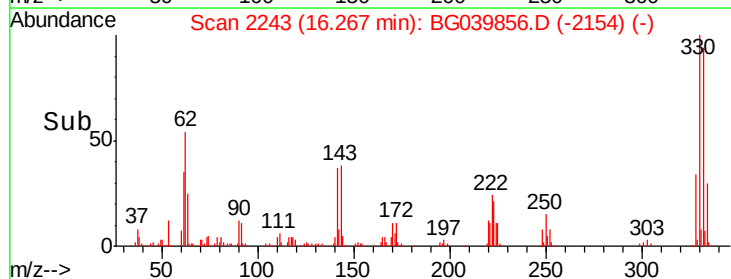
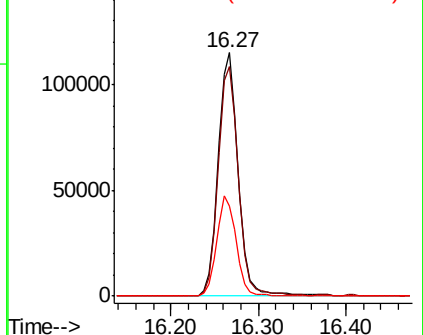
141 40.4 35.6 53.4

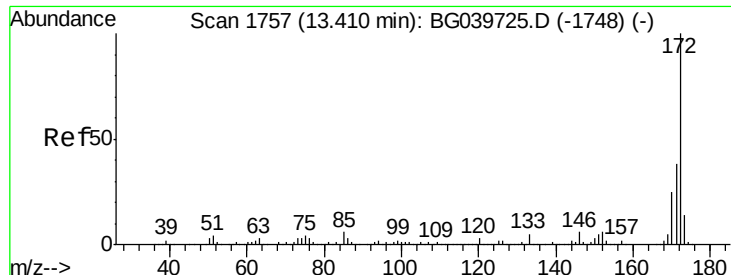


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

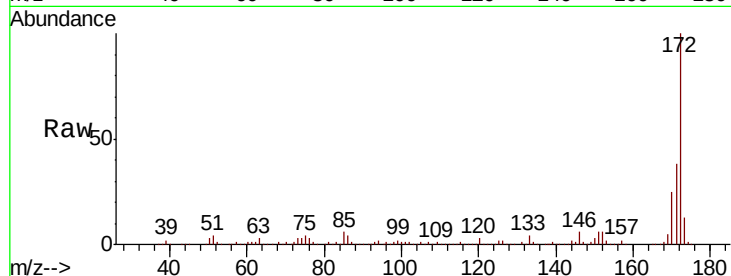




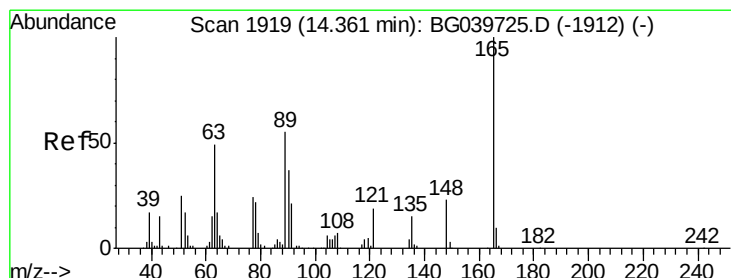
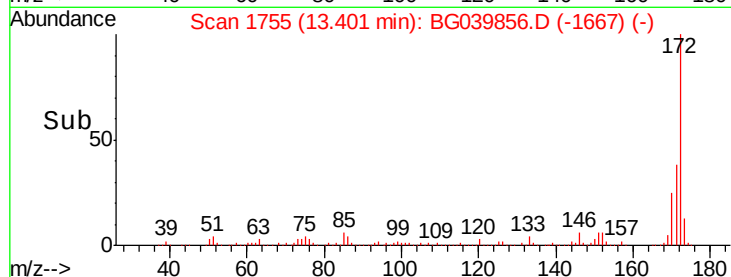
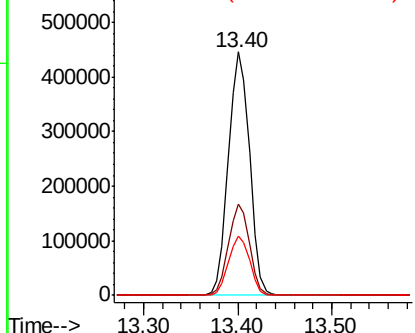
#45
 2-Fluorobiphenyl
 Concen: 80.935 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039856.D
 Acq: 12 Mar 2019 1:43

Instrument :
 BNA_G
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 OK-01-030819

Tgt Ion:172 Resp: 697418
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.8 46.2
 170 24.6 20.2 30.4

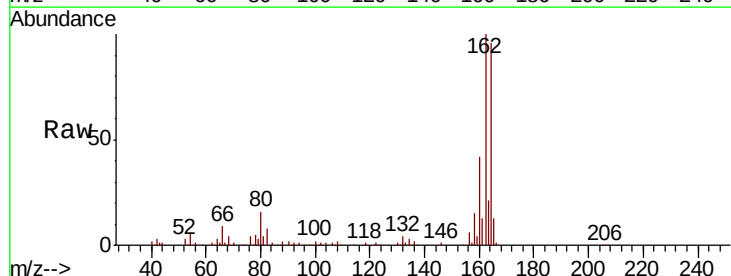


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

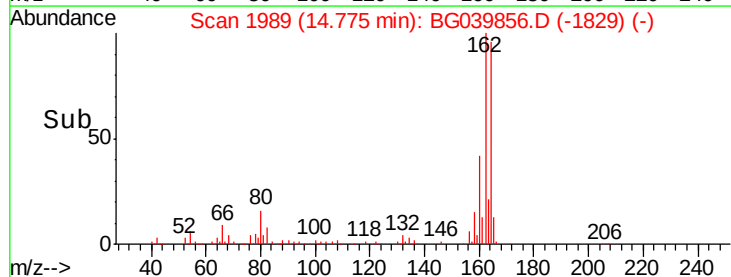
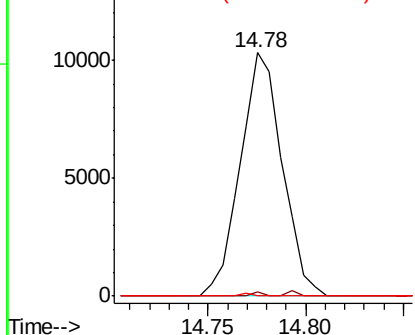


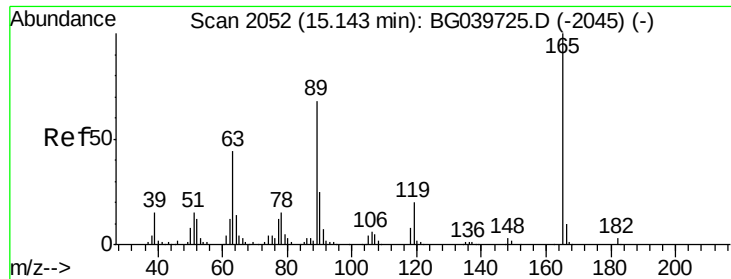
#51
 2,6-Dinitrotoluene
 Concen: 7.055 ng
 RT: 14.78 min Scan# 1989
 Delta R.T. 0.41 min
 Lab File: BG039856.D
 Acq: 12 Mar 2019 1:43

Tgt Ion:165 Resp: 15344
 Ion Ratio Lower Upper
 165 100
 63 1.8 47.0 70.6#
 89 0.0 45.8 68.8#



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

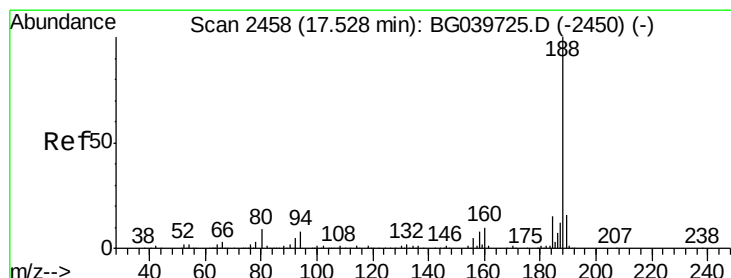
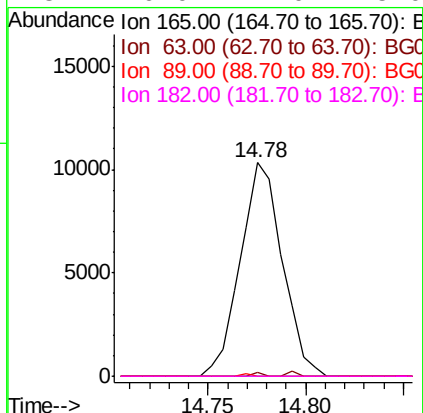
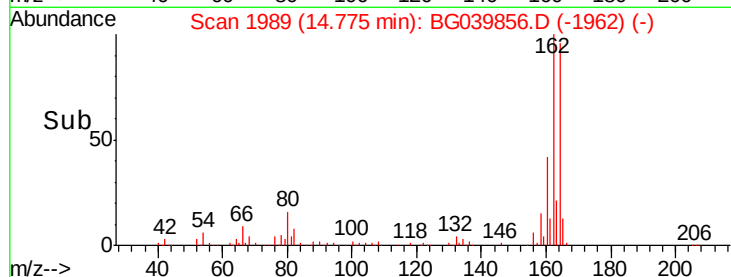
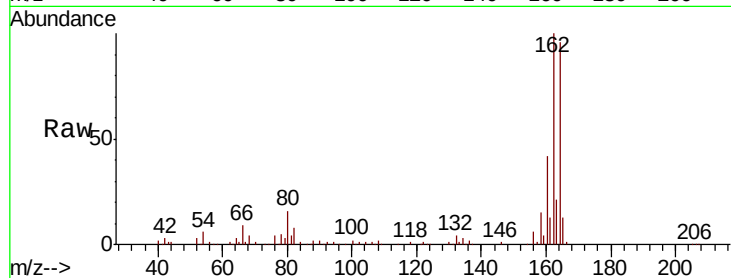




#57
 2,4-Dinitrotoluene
 Concen: 5.021 ng
 RT: 14.78 min Scan# 1989
 Delta R.T. -0.37 min
 Lab File: BG039856.D
 Acq: 12 Mar 2019 1:43

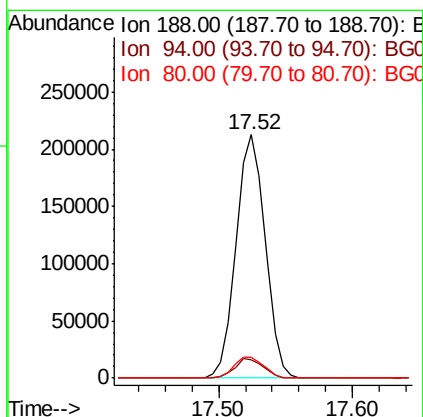
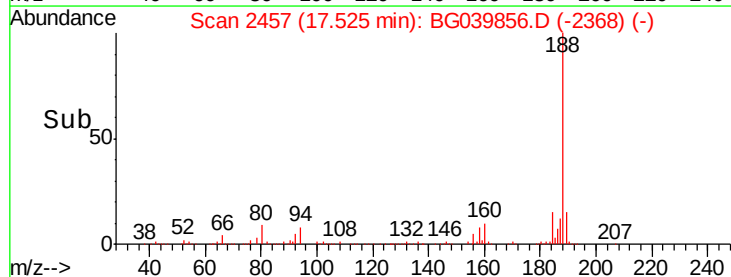
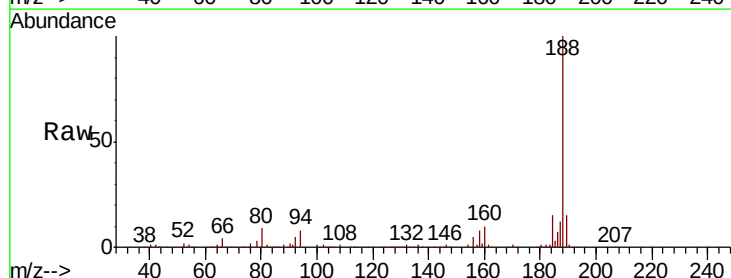
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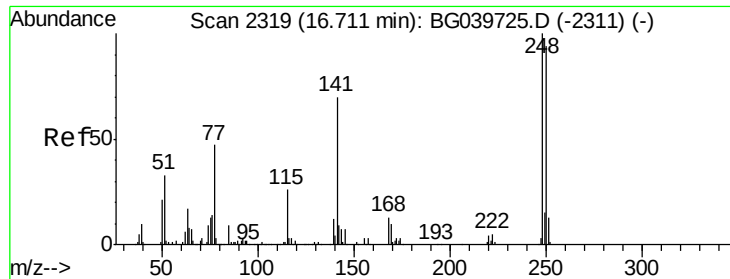
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BG039856.D
 Acq: 12 Mar 2019 1:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	8.7	8.1	12.1

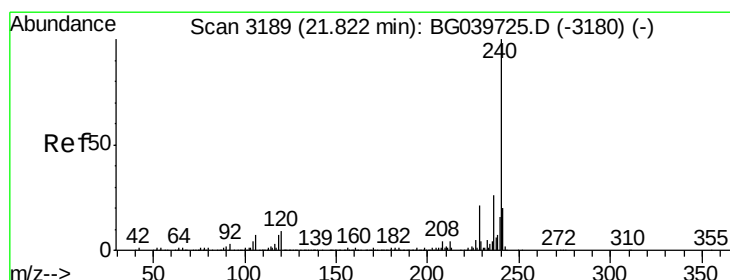
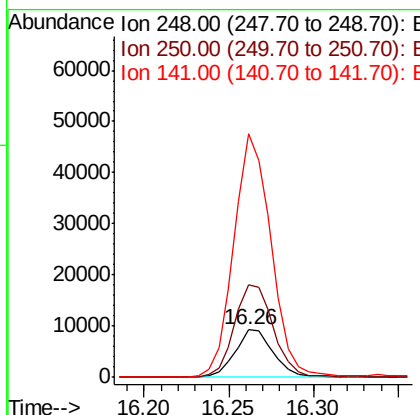
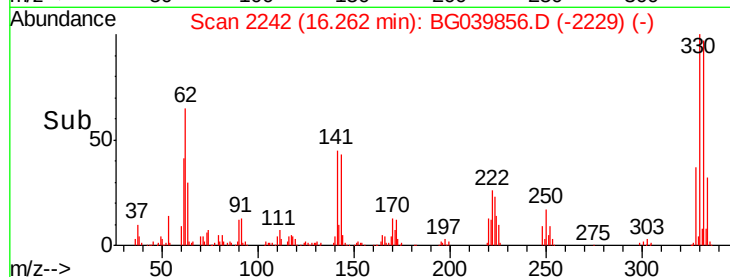
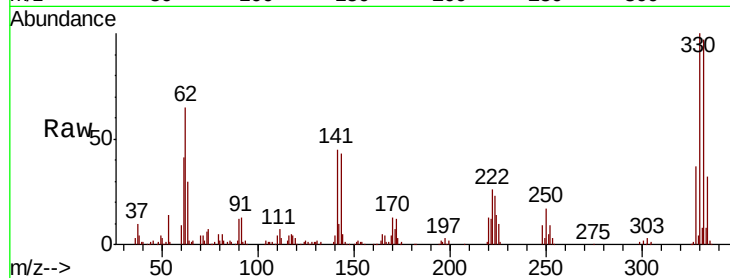




#67
4-Bromophenyl-phenylether
Concen: 4.026 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.46 min
Lab File: BG039856.D
Acq: 12 Mar 2019 1:43

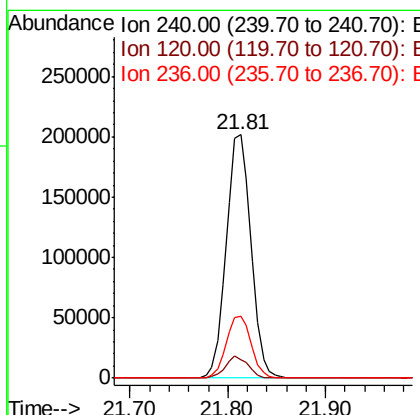
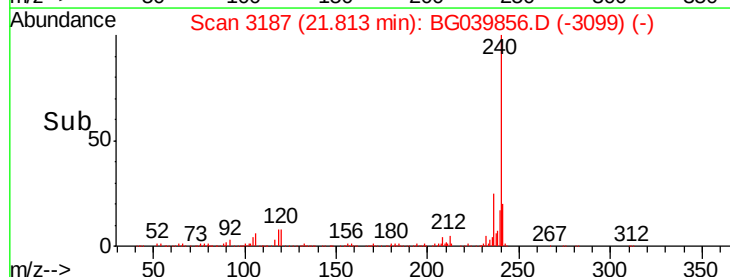
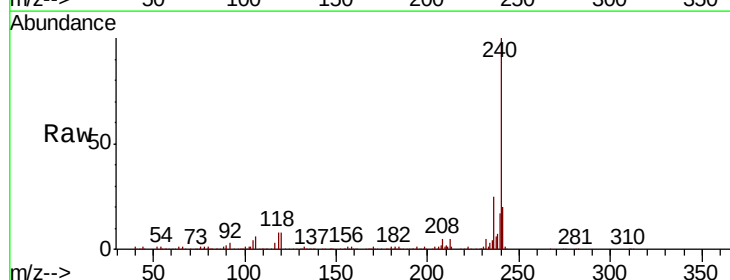
Instrument :
BNA_G
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OK-01-030819

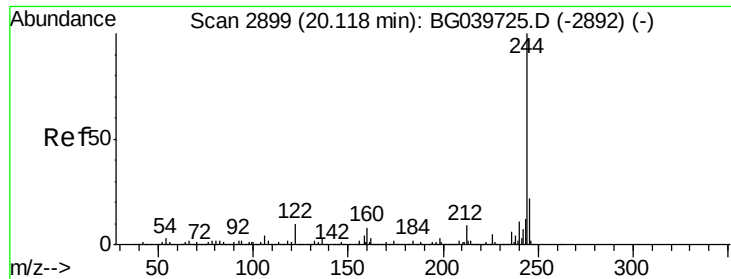
Tgt Ion:248 Resp: 14522
Ion Ratio Lower Upper
248 100
250 196.0 77.6 116.4#
141 515.3 63.9 95.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG039856.D
Acq: 12 Mar 2019 1:43

Tgt Ion:240 Resp: 353846
Ion Ratio Lower Upper
240 100
120 7.7 7.0 10.6
236 25.4 21.0 31.4





#79

Terphenyl-d14

Concen: 78.365 ng

RT: 20.12 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039856.D

Acq: 12 Mar 2019 1:43

Instrument :

BNA_G

ClientSampleId :

OK-01-030819

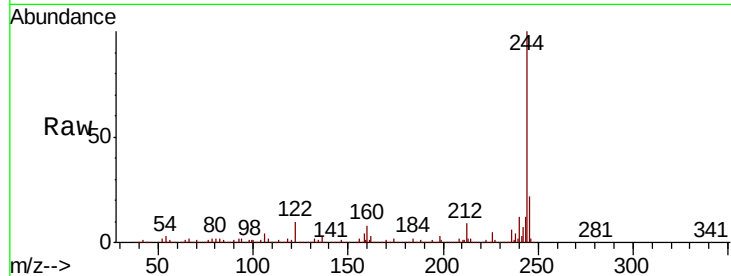
Tgt Ion:244 Resp: 1259380

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

122 10.0 8.4 12.6

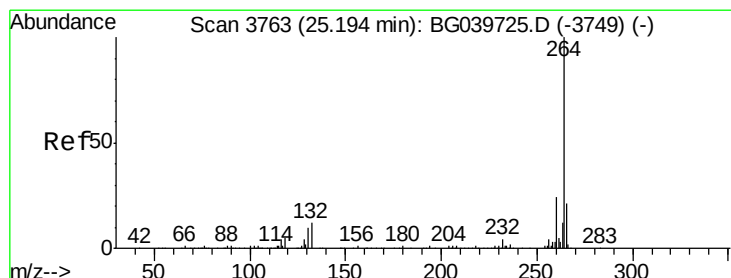
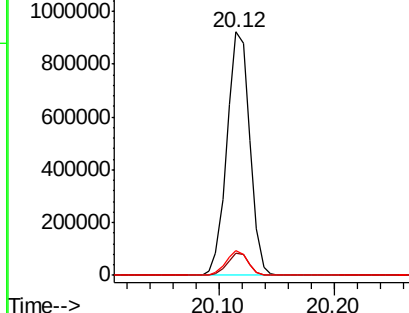
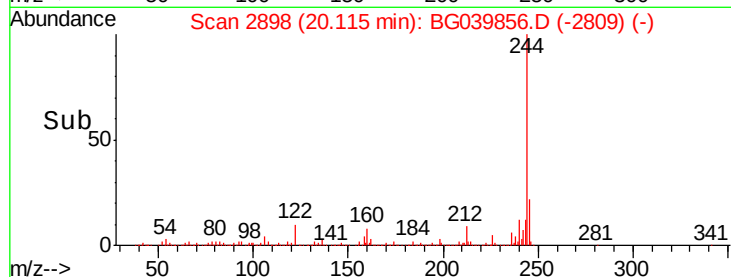


Abundance

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: 25.18 min Scan# 3760

Delta R.T. -0.02 min

Lab File: BG039856.D

Acq: 12 Mar 2019 1:43

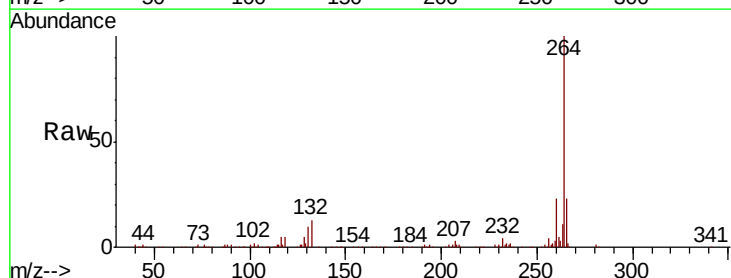
Tgt Ion:264 Resp: 341981

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

265 22.6 18.5 27.7



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

