

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031119\
 Data File : BG039842.D
 Acq On : 11 Mar 2019 15:14
 Operator : JU/SJ
 Sample : K1807-31
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-13

Quant Time: Mar 12 03:35:36 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

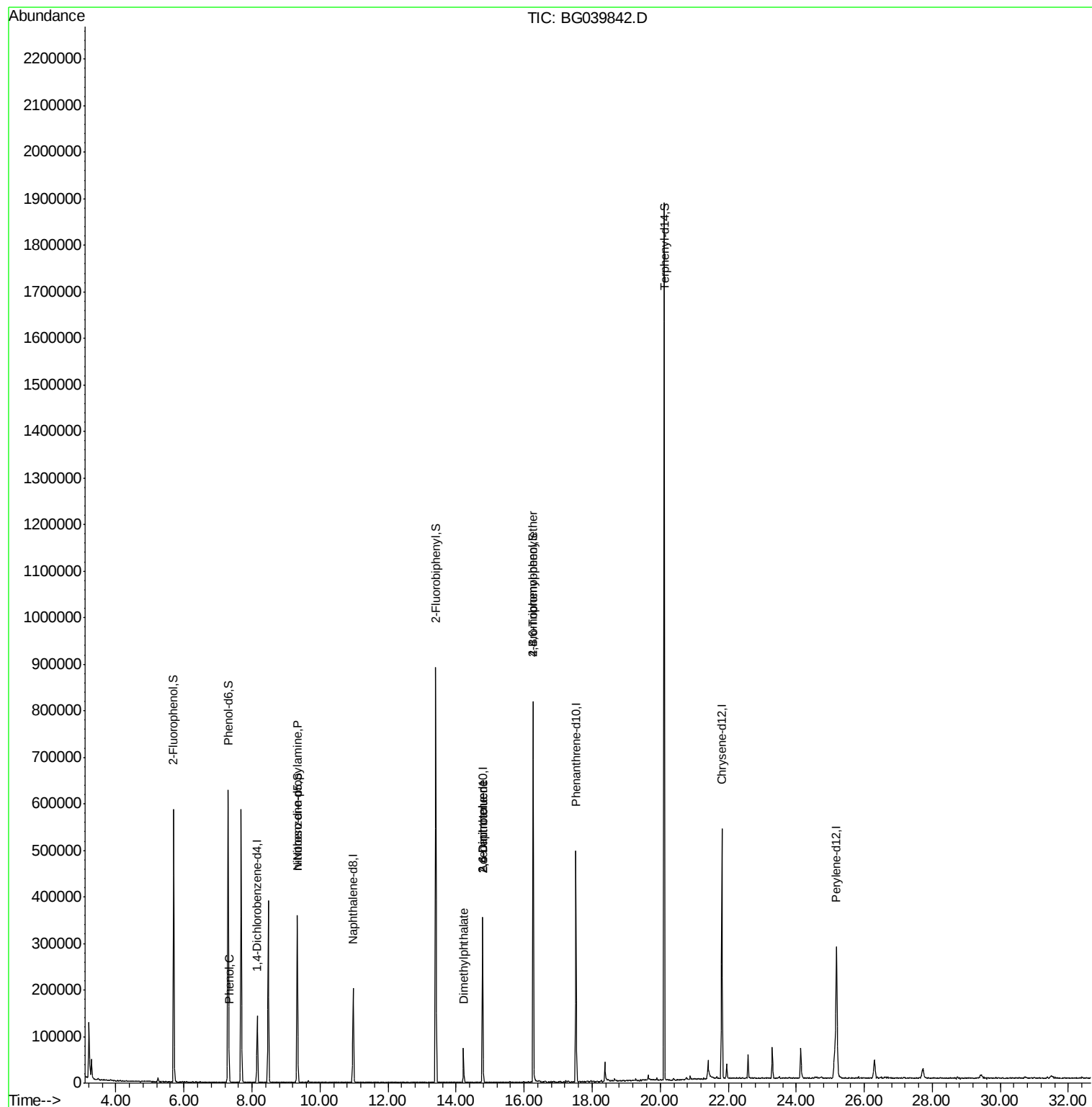
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40243	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	173801	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	124736	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	318997	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	337594	20.00	ng	-0.02
87) Perylene-d12	25.19	264	334030	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	245073	103.89	ng	-0.01
7) Phenol-d6	7.30	99	367237	104.41	ng	-0.01
23) Nitrobenzene-d5	9.33	82	211831	65.92	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	143841	98.94	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	474988	54.22	ng	-0.01
79) Terphenyl-d14	20.12	244	858159	55.97	ng	0.00
Target Compounds						
10) Phenol	7.33	94	8324	2.185	ng	93
19) n-Nitroso-di-n-propylamine	9.33	70	28006	11.062	ng	# 69
50) Dimethylphthalate	14.22	163	51268	4.915	ng	99
51) 2,6-Dinitrotoluene	14.78	165	15959	7.217	ng	# 23
57) 2,4-Dinitrotoluene	14.78	165	15959	5.137	ng	# 18
67) 4-Bromophenyl-phenylether	16.26	248	11495	3.219	ng	# 1

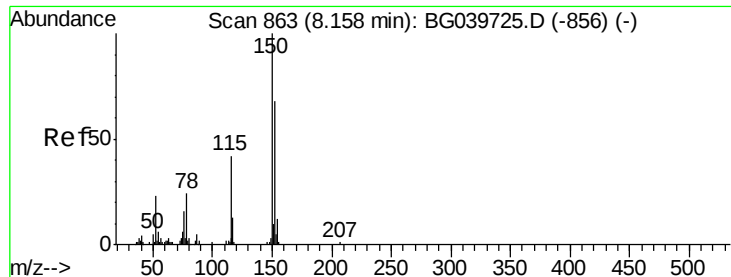
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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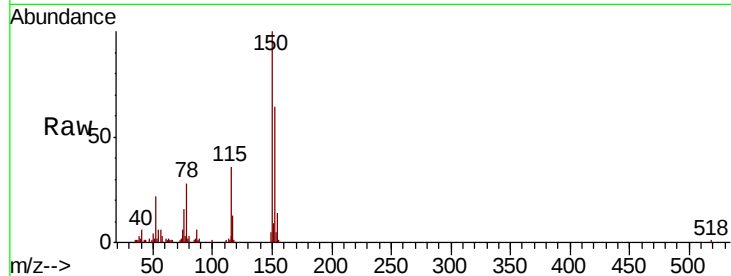


#1

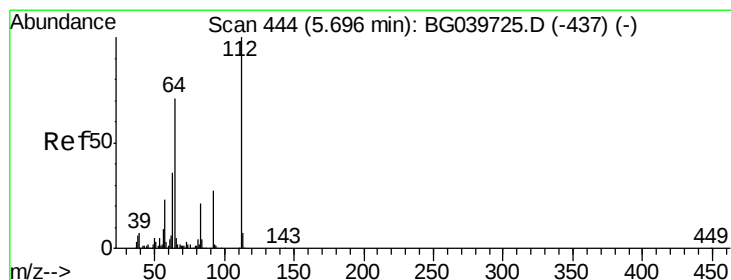
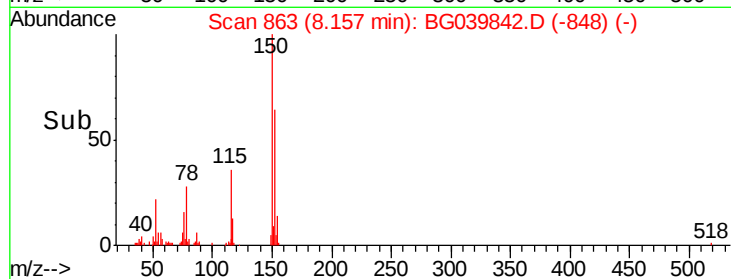
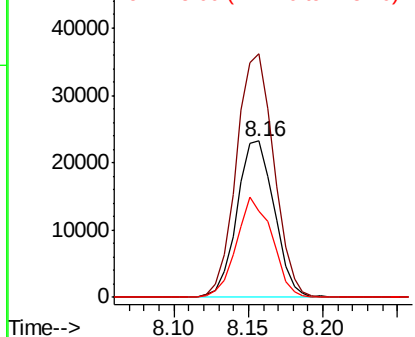
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039842.D
Acq: 11 Mar 2019 15:14

Instrument :
BNA_G
ClientSampleId :
TP-13

Tgt Ion:152 Resp: 40243
Ion Ratio Lower Upper
152 100
150 155.8 123.7 185.5
115 55.3 45.9 68.9



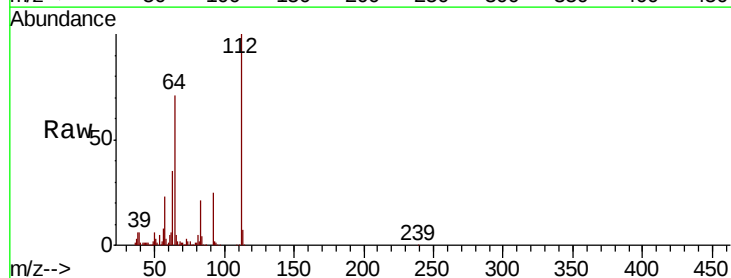
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



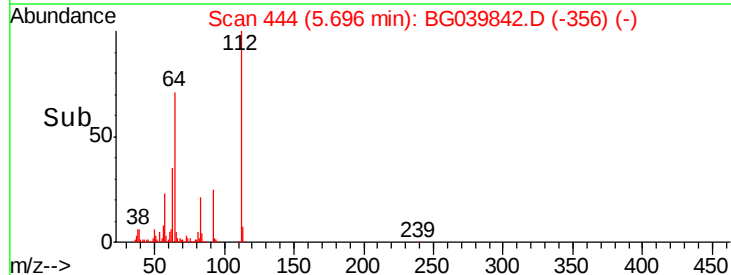
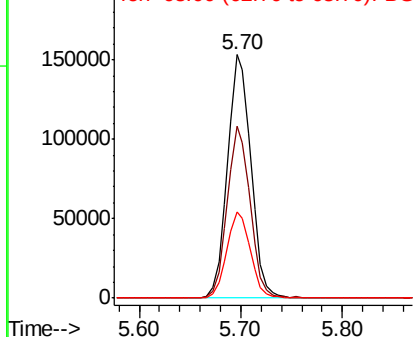
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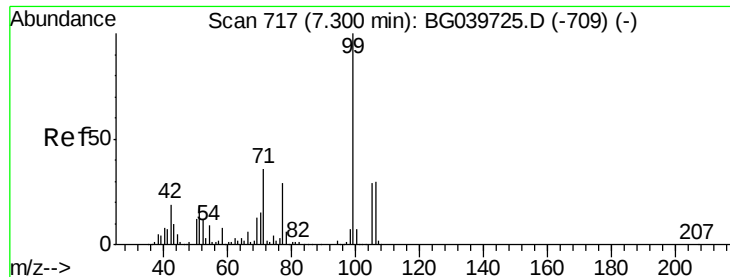
2-Fluorophenol
Concen: 103.893 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039842.D
Acq: 11 Mar 2019 15:14

Tgt Ion:112 Resp: 245073
Ion Ratio Lower Upper
112 100
64 70.6 57.8 86.8
63 35.2 29.8 44.6



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: 104.410 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039842.D

Acq: 11 Mar 2019 15:14

Instrument :

BNA_G

ClientSampled :

TP-13

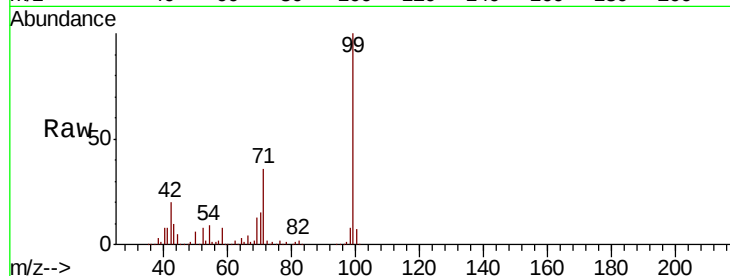
Tgt Ion: 99 Resp: 367237

Ion Ratio Lower Upper

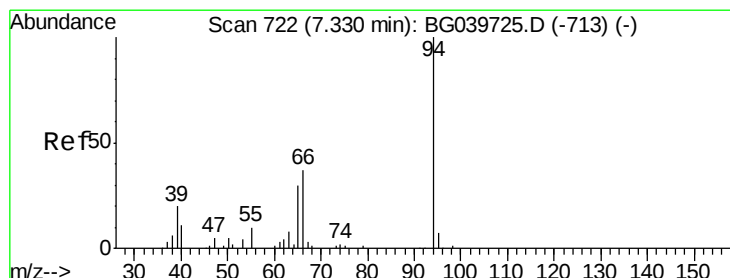
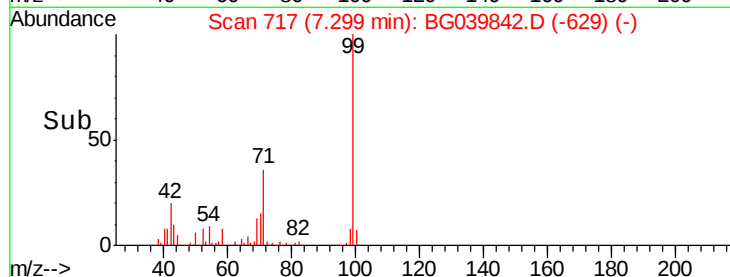
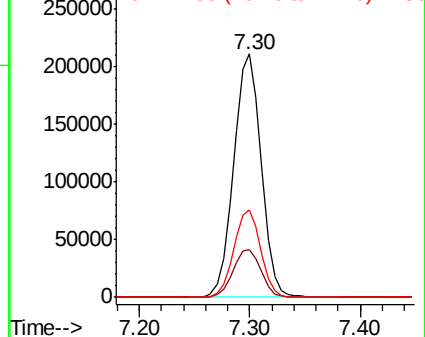
99 100

42 19.7 18.2 27.2

71 36.1 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



#10

Phenol

Concen: 2.185 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039842.D

Acq: 11 Mar 2019 15:14

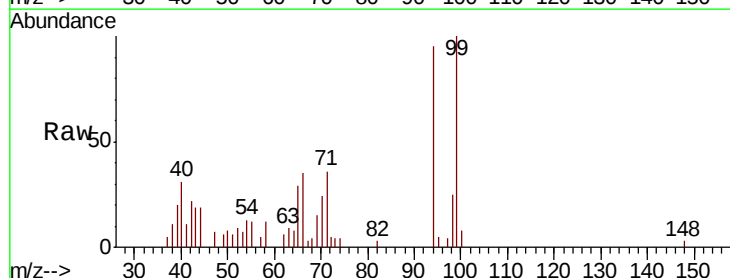
Tgt Ion: 94 Resp: 8324

Ion Ratio Lower Upper

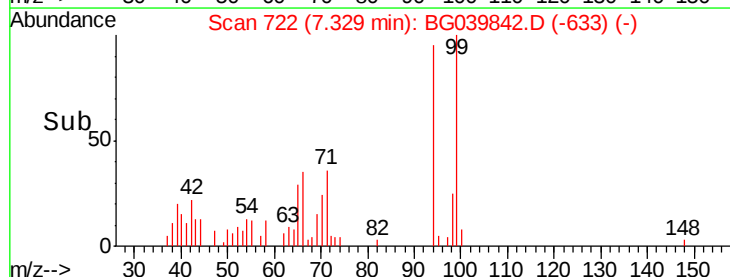
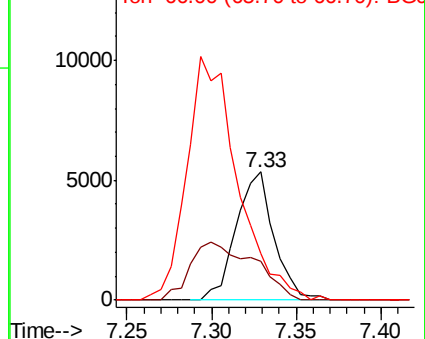
94 100

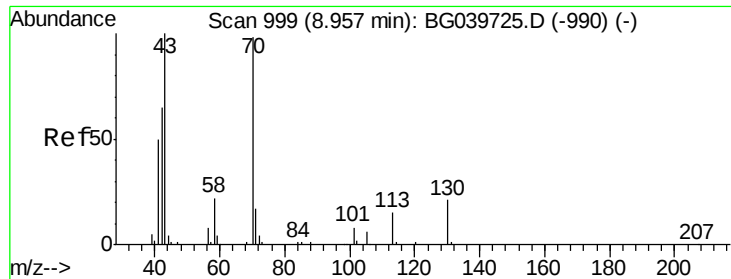
65 30.6 11.7 51.7

66 36.4 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

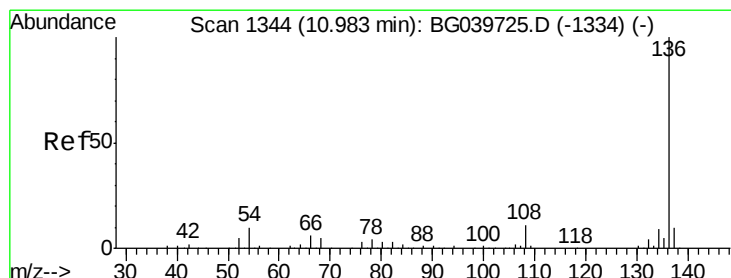
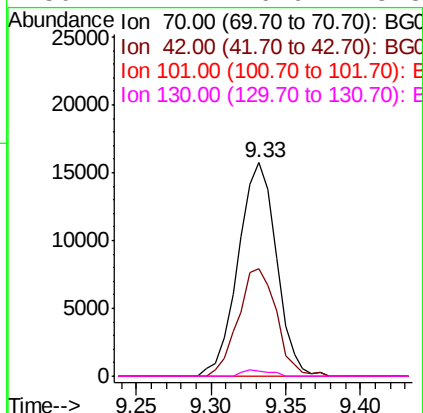
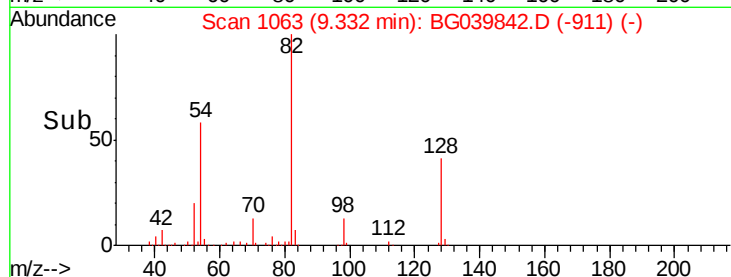
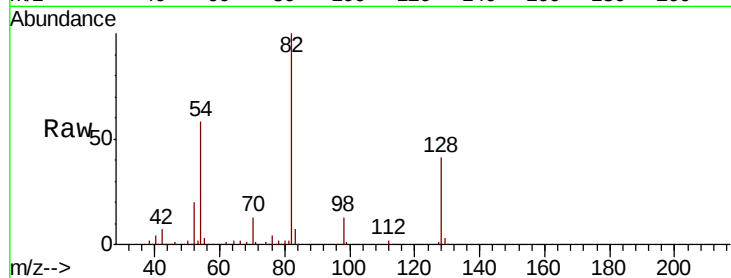




#19
n-Nitroso-di-n-propylamine
Concen: 11.062 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.36 min
Lab File: BG039842.D
Acq: 11 Mar 2019 15:14

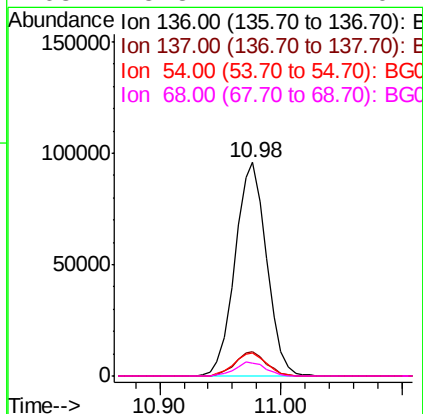
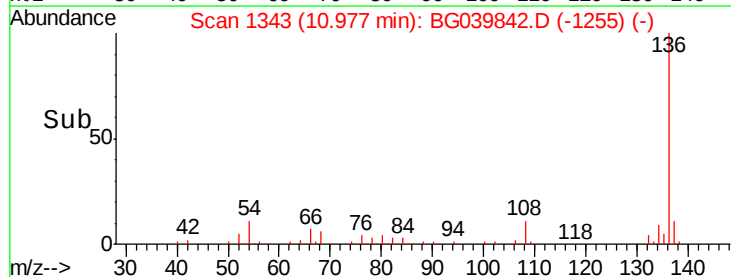
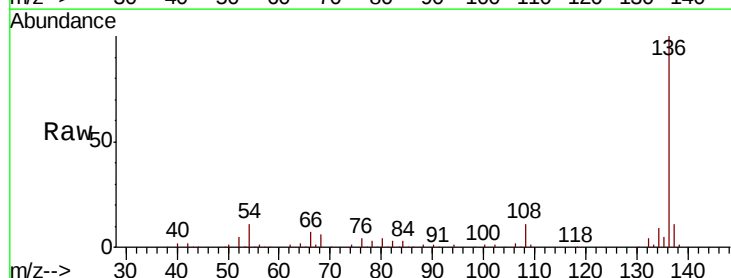
Instrument :
BNA_G
ClientSampleId :
TP-13

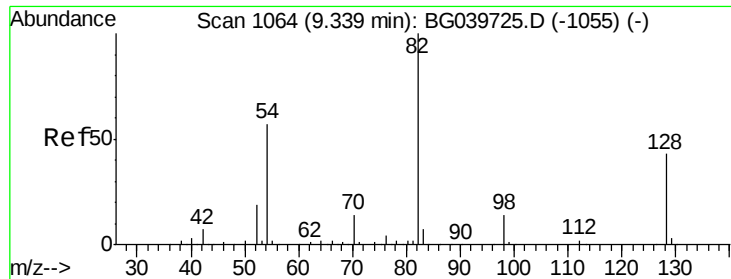
Tgt Ion: 70 Resp: 28006
Ion Ratio Lower Upper
70 100
42 50.5 60.4 90.6#
101 0.0 7.5 11.3#
130 2.1 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039842.D
Acq: 11 Mar 2019 15:14

Tgt Ion: 136 Resp: 173801
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 10.7 9.4 14.2
68 5.8 4.2 6.4

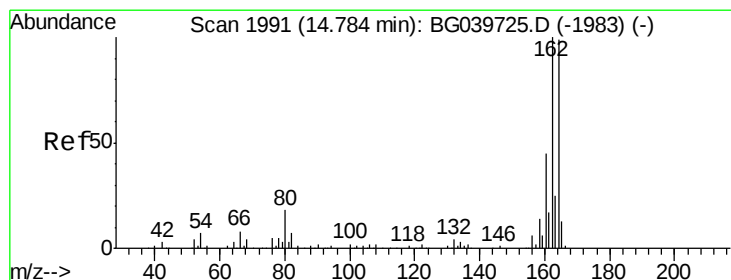
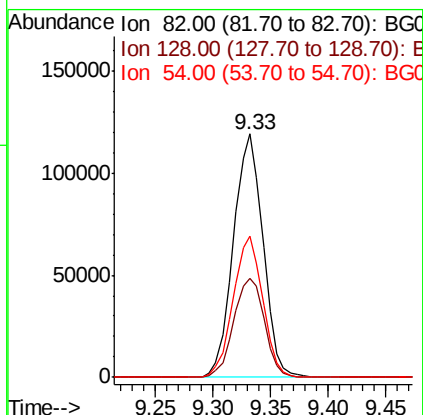
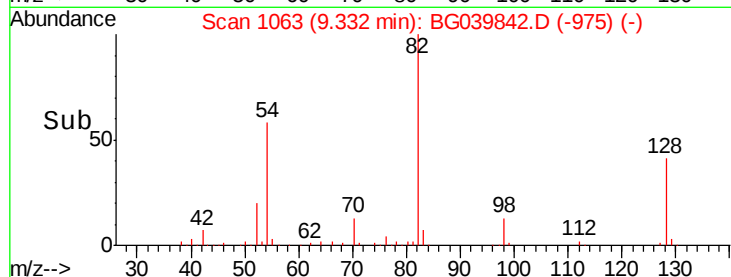
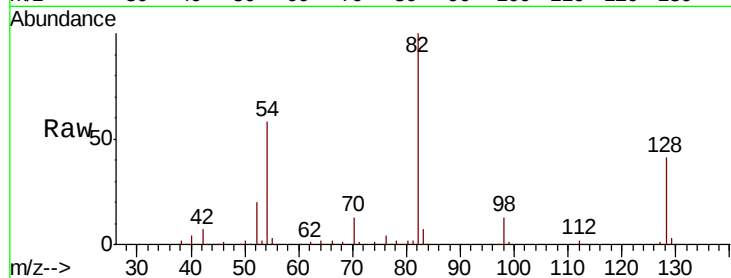




#23
Nitrobenzene-d5
Concen: 65.918 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039842.D
Acq: 11 Mar 2019 15:14

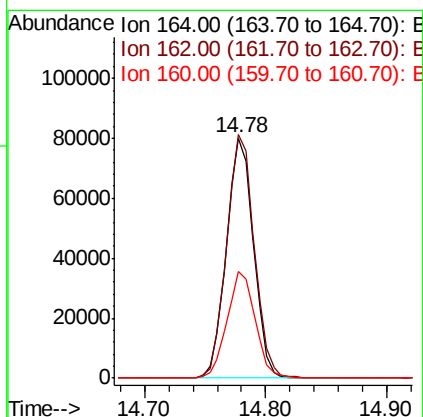
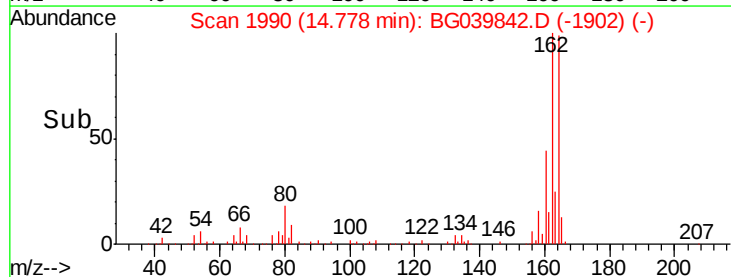
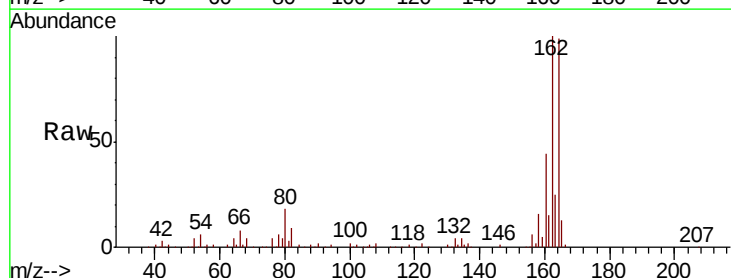
Instrument :
BNA_G
ClientSampleId :
TP-13

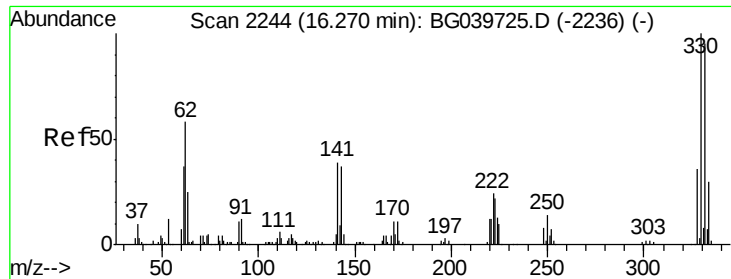
Tgt Ion: 82 Resp: 211831
Ion Ratio Lower Upper
82 100
128 40.9 31.3 46.9
54 58.2 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039842.D
Acq: 11 Mar 2019 15:14

Tgt Ion: 164 Resp: 124736
Ion Ratio Lower Upper
164 100
162 101.5 81.6 122.4
160 44.4 34.2 51.2

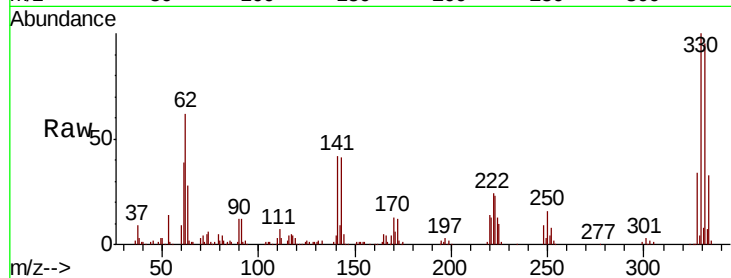




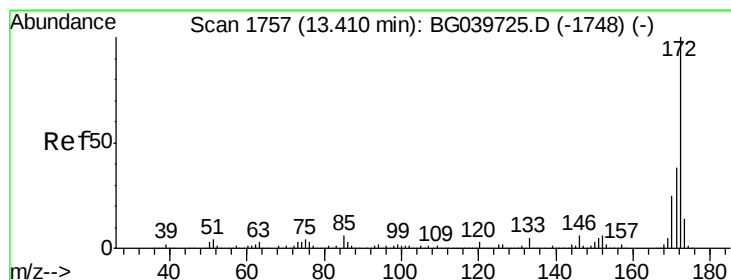
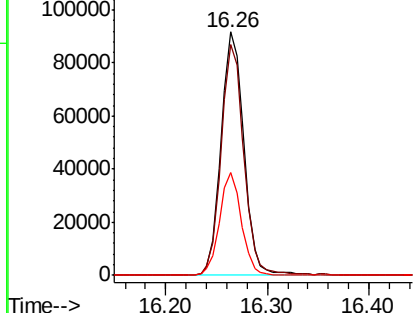
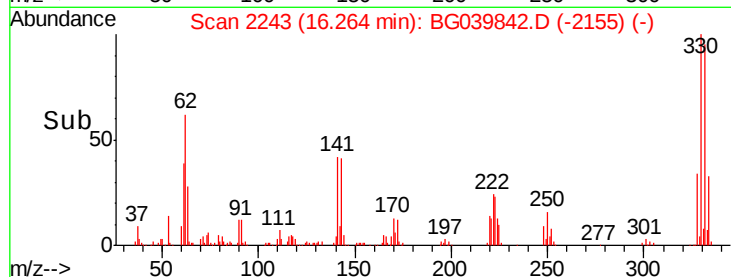
#42
 2,4,6-Tribromophenol
 Concen: 98.935 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG039842.D
 Acq: 11 Mar 2019 15:14

Instrument :
 BNA_G
 ClientSampleId :
 TP-13

Tgt Ion:330 Resp: 143841
 Ion Ratio Lower Upper
 330 100
 332 94.6 75.7 113.5
 141 40.4 35.6 53.4

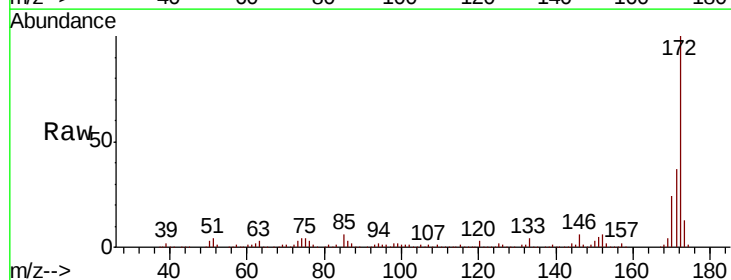


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

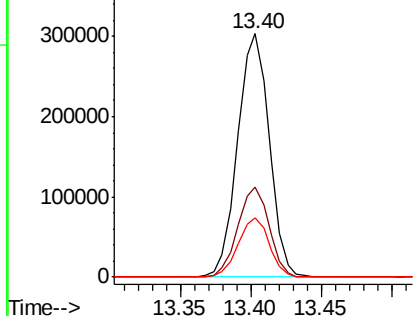
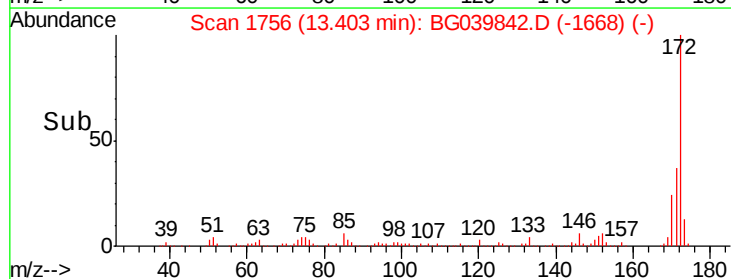


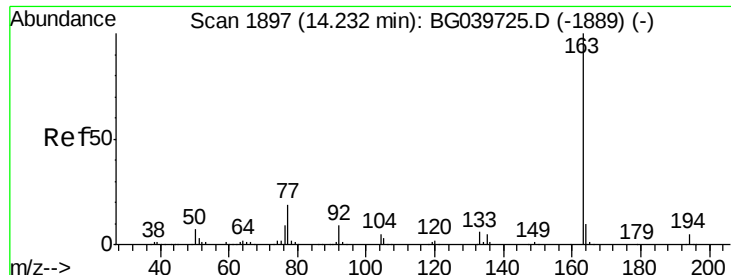
#45
 2-Fluorobiphenyl
 Concen: 54.219 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039842.D
 Acq: 11 Mar 2019 15:14

Tgt Ion:172 Resp: 474988
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.8 46.2
 170 24.3 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





#50

Dimethylphthalate

Concen: 4.915 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039842.D

Acq: 11 Mar 2019 15:14

Instrument :

BNA_G

ClientSampleId :

TP-13

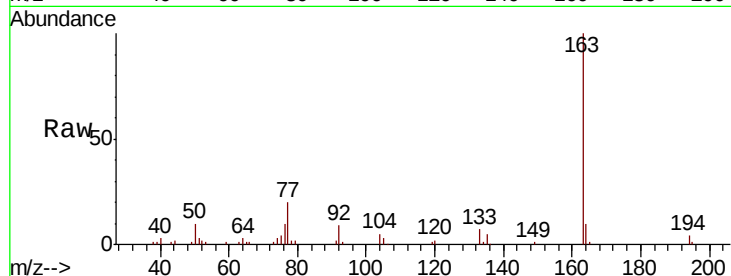
Tgt Ion:163 Resp: 51268

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

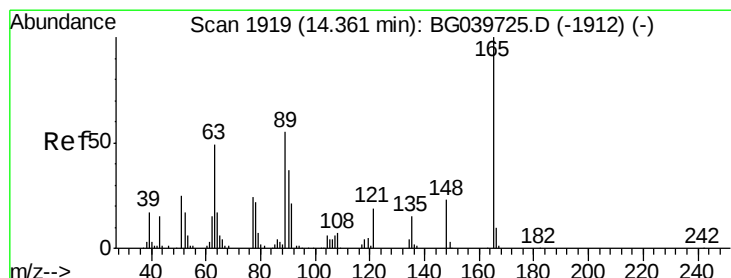
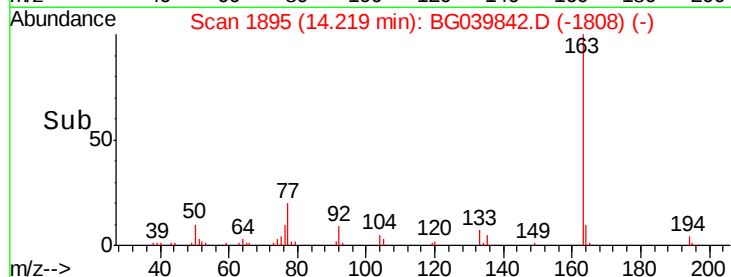
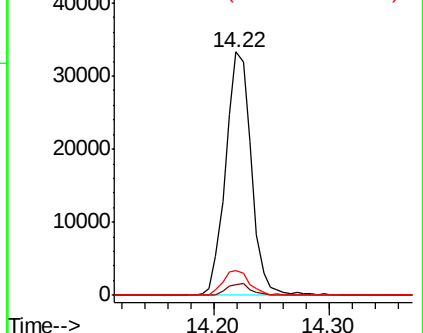
164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.217 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.41 min

Lab File: BG039842.D

Acq: 11 Mar 2019 15:14

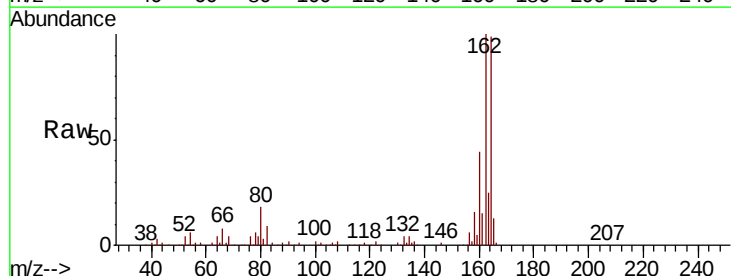
Tgt Ion:165 Resp: 15959

Ion Ratio Lower Upper

165 100

63 0.0 47.0 70.6#

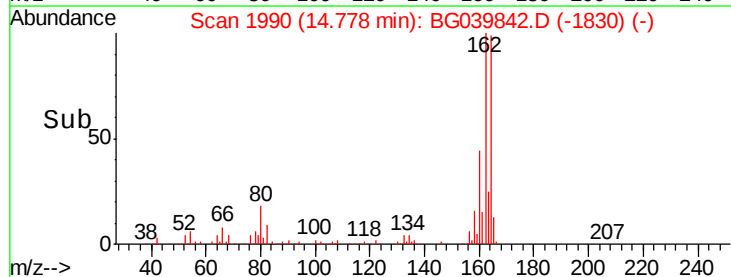
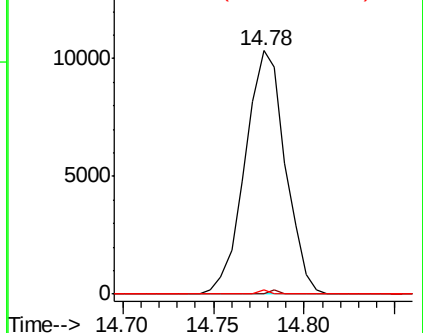
89 1.9 45.8 68.8#

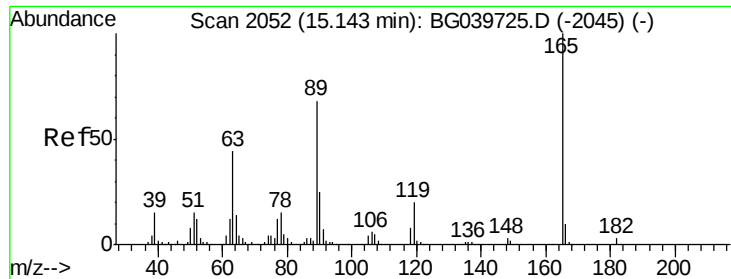


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

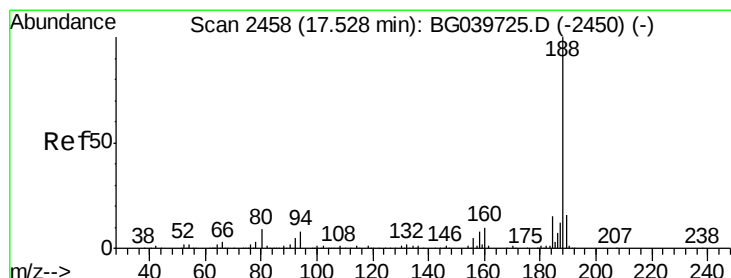
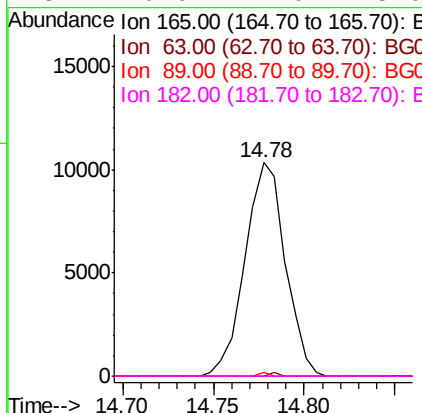
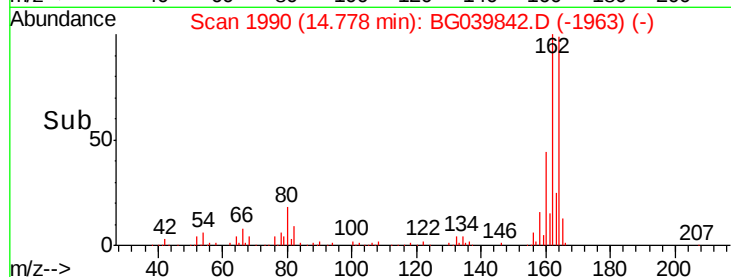
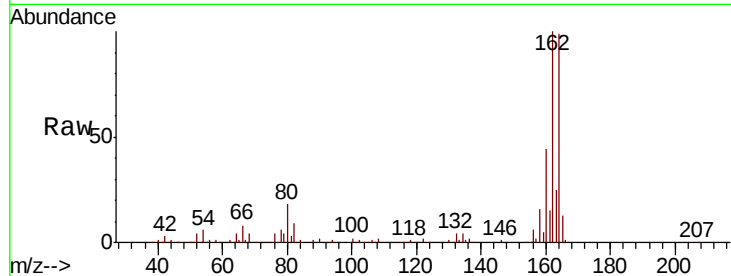




#57
 2,4-Dinitrotoluene
 Concen: 5.137 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.37 min
 Lab File: BG039842.D
 Acq: 11 Mar 2019 15:14

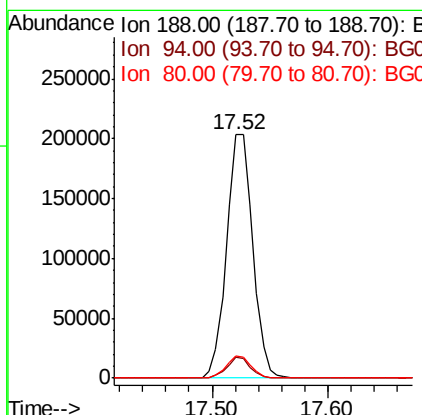
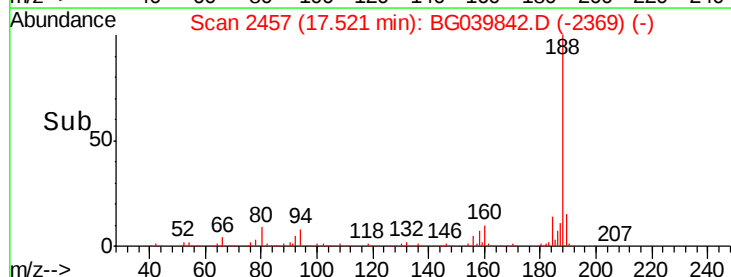
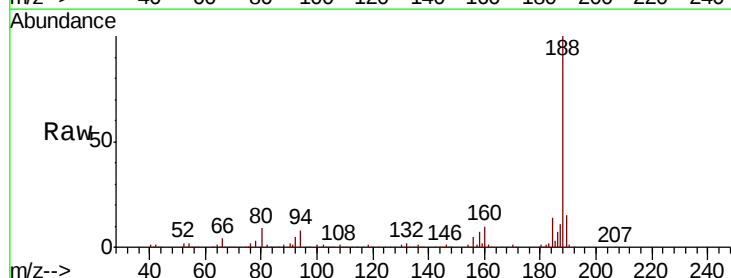
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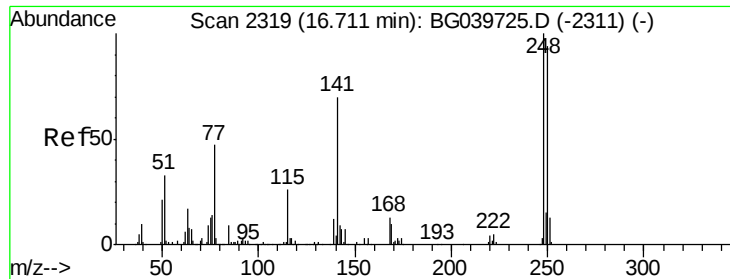
Tgt Ion:	165	Resp:	15959
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	1.9	64.6	96.8#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BG039842.D
 Acq: 11 Mar 2019 15:14

Tgt Ion:	188	Resp:	318997
Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	8.9	8.1	12.1

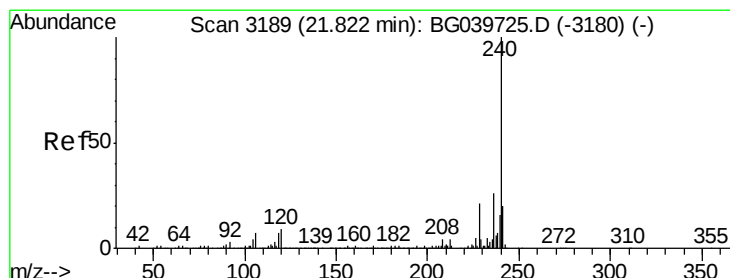
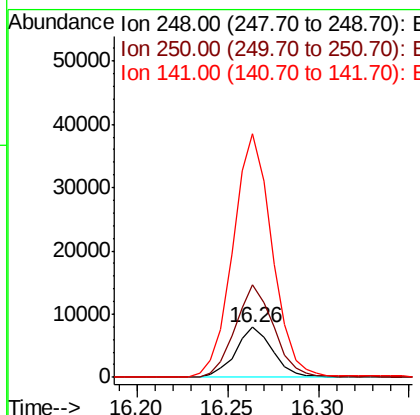
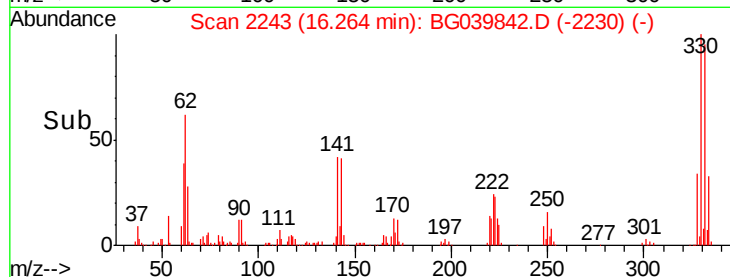
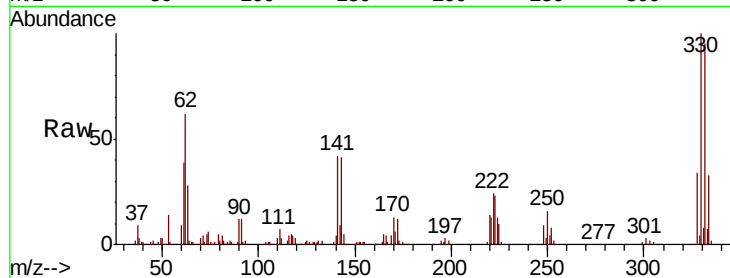




#67
 4-Bromophenyl-phenylether
 Concen: 3.219 ng
 RT: 16.26 min Scan# 2243
 Delta R.T. -0.45 min
 Lab File: BG039842.D
 Acq: 11 Mar 2019 15:14

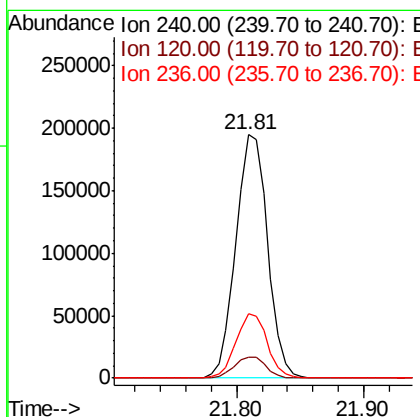
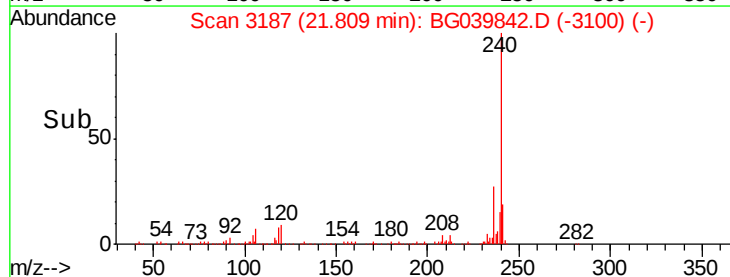
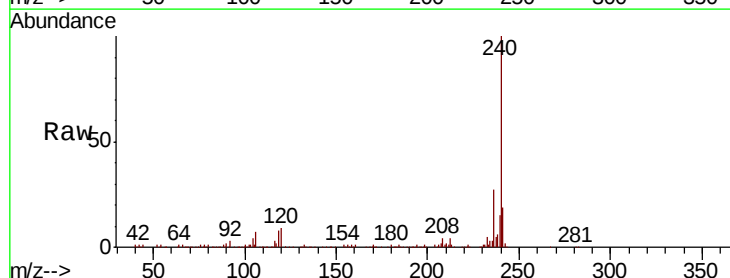
Instrument :
 BNA_G
 ClientSampleId :
 TP-13

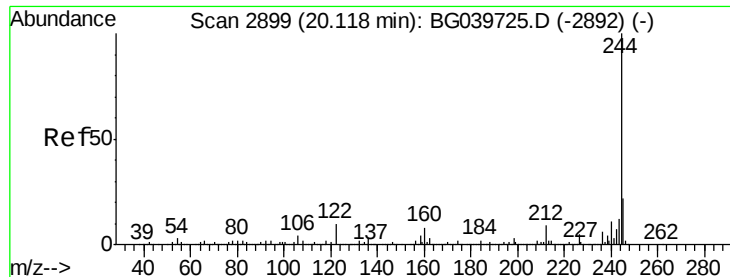
Tgt Ion:248 Resp: 11495
 Ion Ratio Lower Upper
 248 100
 250 183.2 77.6 116.4#
 141 484.1 63.9 95.9#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.81 min Scan# 3187
 Delta R.T. -0.02 min
 Lab File: BG039842.D
 Acq: 11 Mar 2019 15:14

Tgt Ion:240 Resp: 337594
 Ion Ratio Lower Upper
 240 100
 120 8.8 7.0 10.6
 236 26.6 21.0 31.4





#79

Terphenyl-d14

Concen: 55.970 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039842.D

Acq: 11 Mar 2019 15:14

Instrument :

BNA_G

ClientSampleId :

TP-13

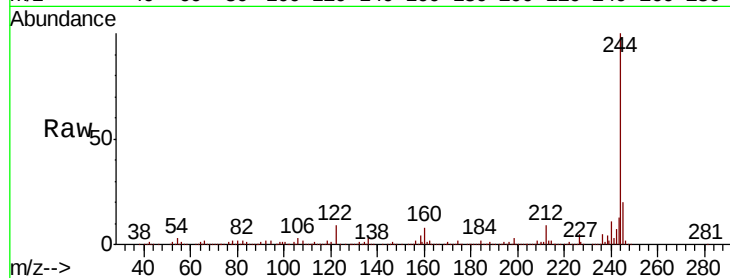
Tgt Ion:244 Resp: 858159

Ion Ratio Lower Upper

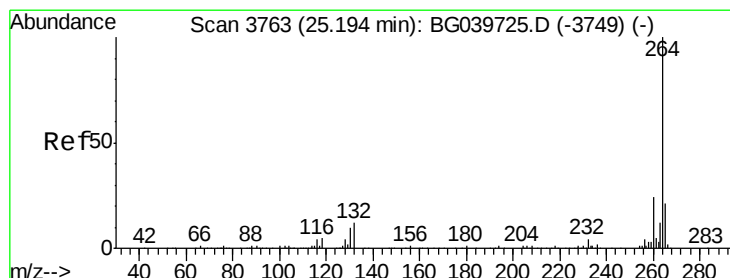
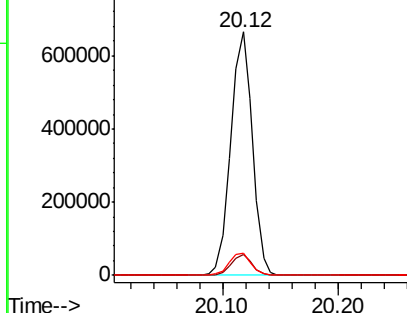
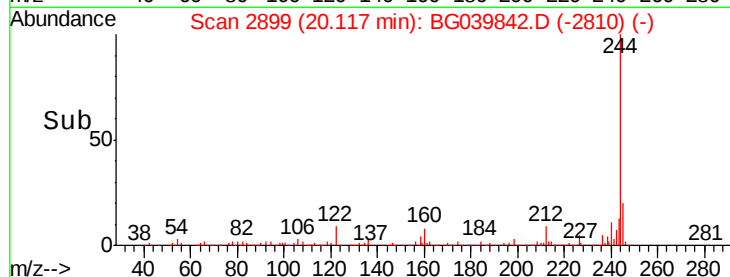
244 100

212 8.5 7.3 10.9

122 9.2 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: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039842.D

Acq: 11 Mar 2019 15:14

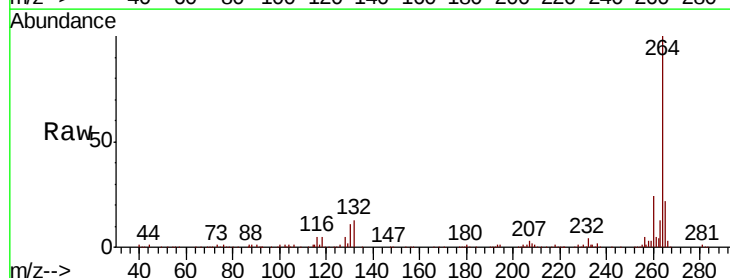
Tgt Ion:264 Resp: 334030

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 22.5 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

