

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
 Data File : BG039868.D
 Acq On : 12 Mar 2019 10:55
 Operator : JU/SJ
 Sample : K1837-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 12 13:16:33 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

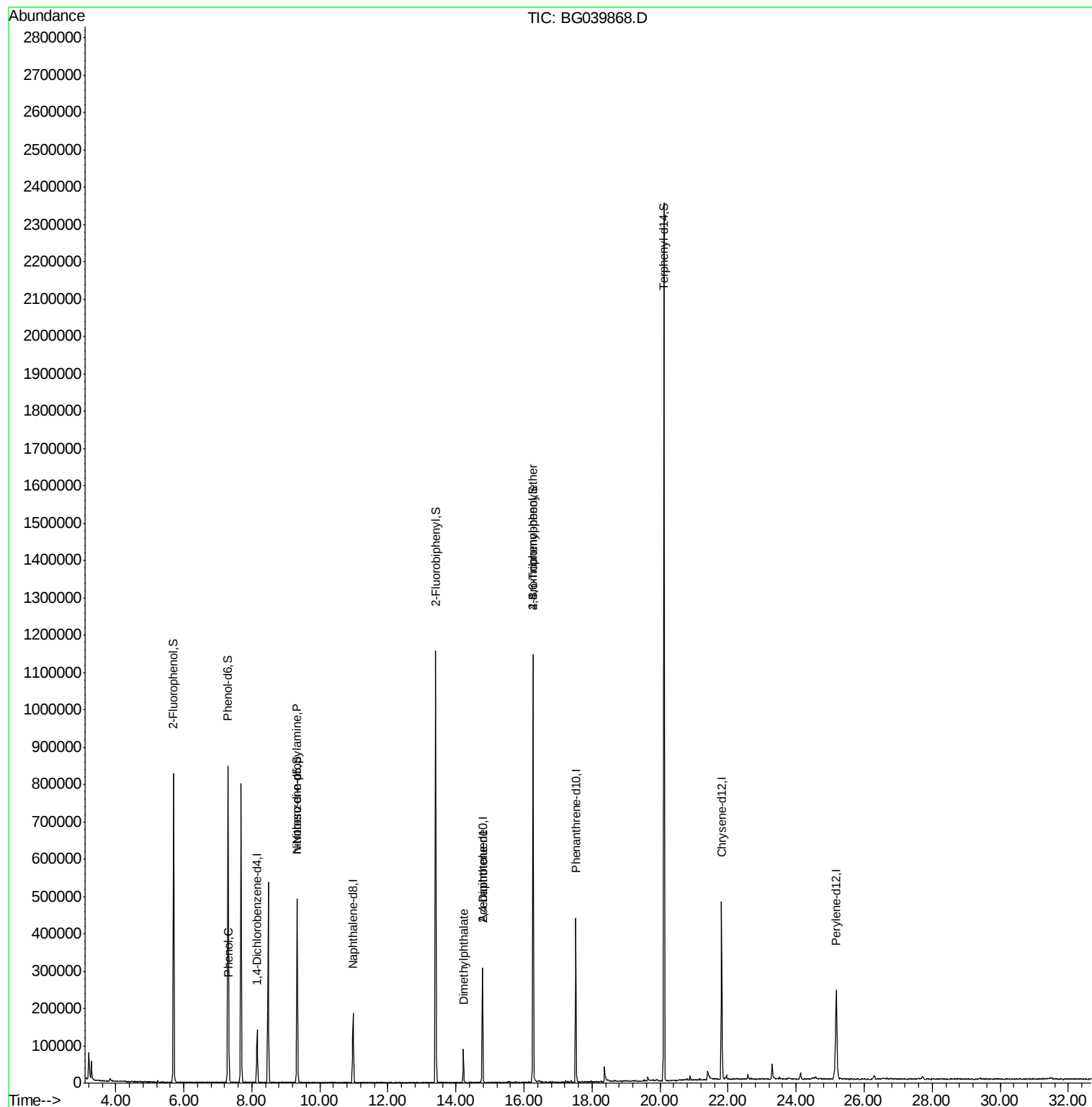
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	37533	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	159893	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	111548	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	281330	20.00	ng	0.00
76) Chrysene-d12	21.81	240	295563	20.00	ng	-0.02
87) Perylene-d12	25.18	264	290983	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	342565	155.71	ng	0.00
7) Phenol-d6	7.30	99	500662	152.62	ng	-0.02
23) Nitrobenzene-d5	9.33	82	291985	98.76	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	201288	154.82	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	614801	78.47	ng	-0.02
79) Terphenyl-d14	20.12	244	1042572	77.67	ng	0.00
Target Compounds						
10) Phenol	7.33	94	22407	6.305	ng	95
19) n-Nitroso-di-n-propylamine	9.33	70	37570	15.912	ng	# 71
50) Dimethylphthalate	14.22	163	61398	6.582	ng	99
57) 2,4-Dinitrotoluene	14.78	165	15358	5.528	ng	# 18
67) 4-Bromophenyl-phenylether	16.26	248	16247	5.159	ng	# 1

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

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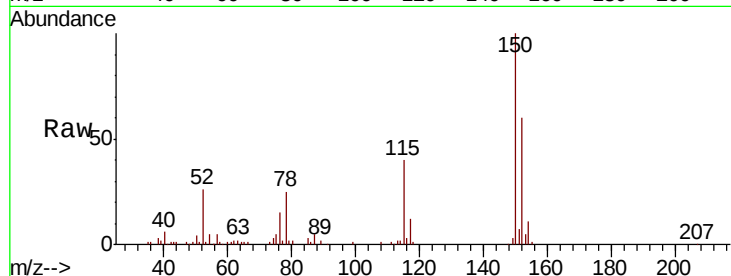


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039868.D
Acq: 12 Mar 2019 10:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.3	123.7	185.5
115	66.6	45.9	68.9

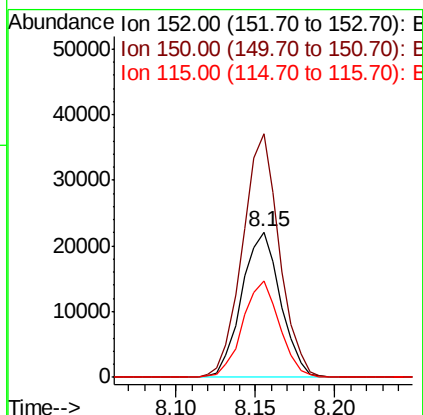
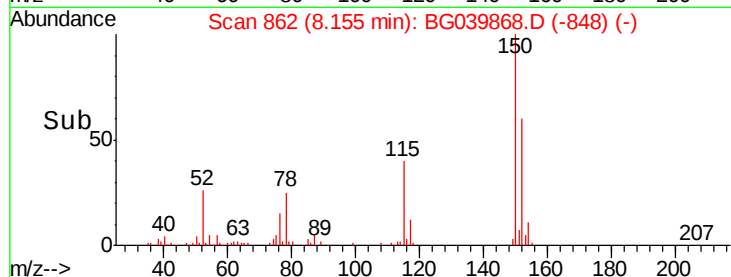


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

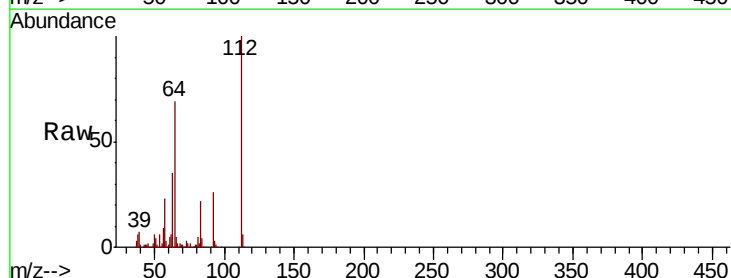
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 155.708 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039868.D
Acq: 12 Mar 2019 10:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	57.8	86.8
63	35.3	29.8	44.6

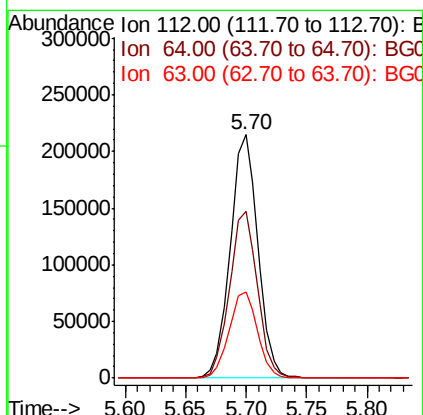
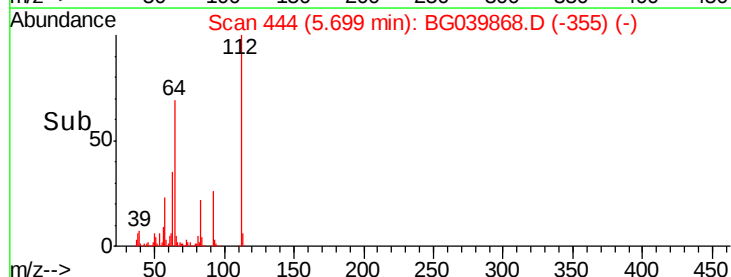


Abundance

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: 152.622 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039868.D

Acq: 12 Mar 2019 10:55

Instrument :

BNA_E

ClientSampleId :

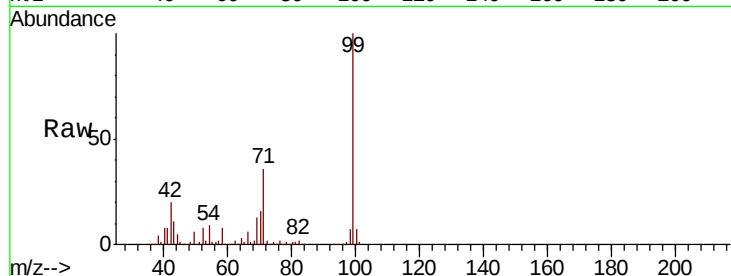
Tot Ion: 99 Resp: 500662

Ion Ratio Lower Upper

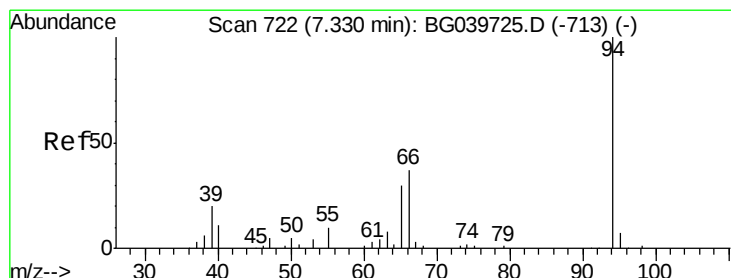
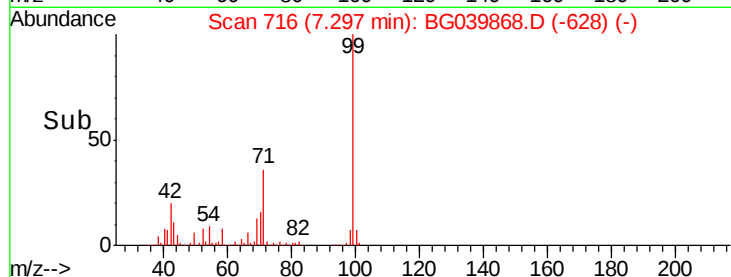
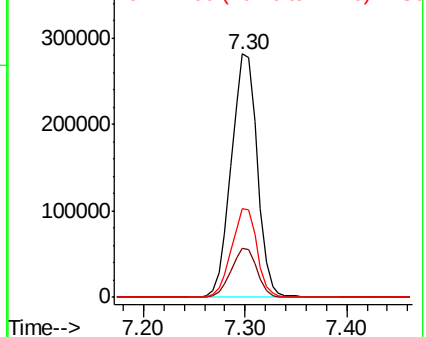
99 100

42 20.1 18.2 27.2

71 36.5 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: 6.305 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039868.D

Acq: 12 Mar 2019 10:55

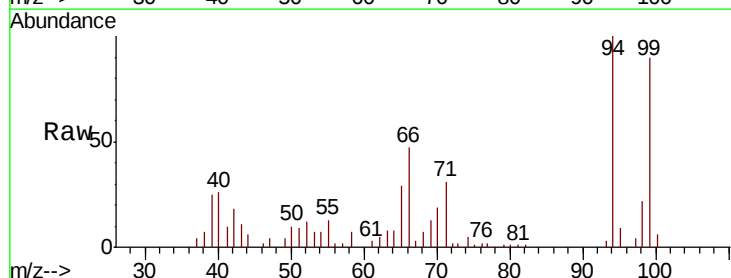
Tgt Ion: 94 Resp: 22407

Ion Ratio Lower Upper

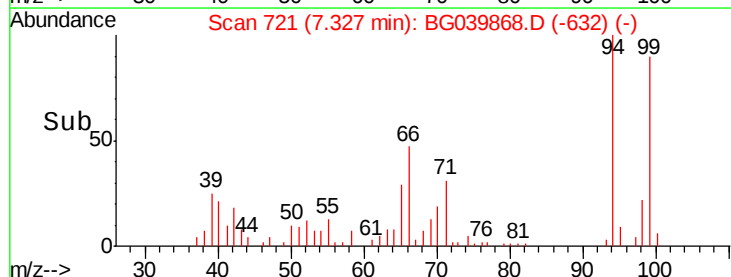
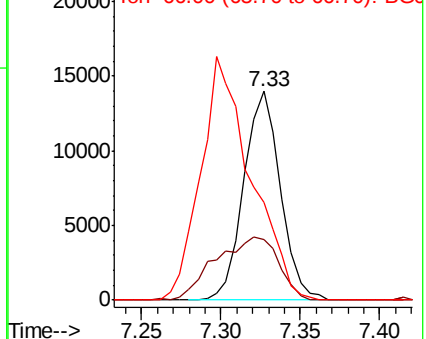
94 100

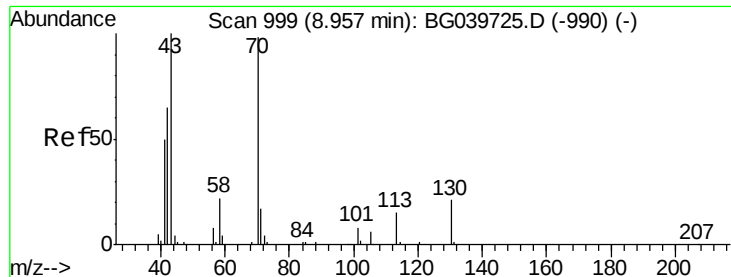
65 29.1 11.7 51.7

66 46.8 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: 15.912 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.36 min

Lab File: BG039868.D

Acq: 12 Mar 2019 10:55

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 70 Resp: 37570

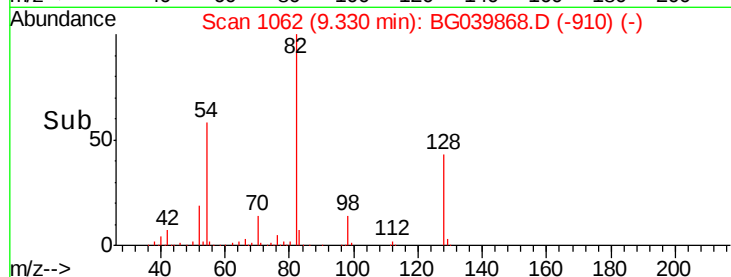
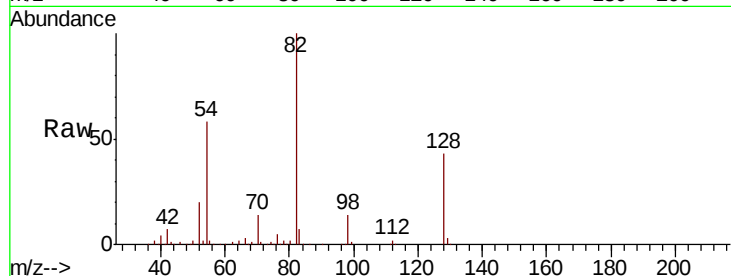
Ion Ratio Lower Upper

70 100

42 53.6 60.4 90.6#

101 0.0 7.5 11.3#

130 1.9 16.9 25.3#

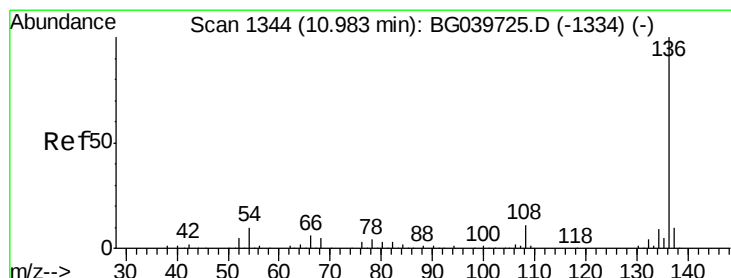
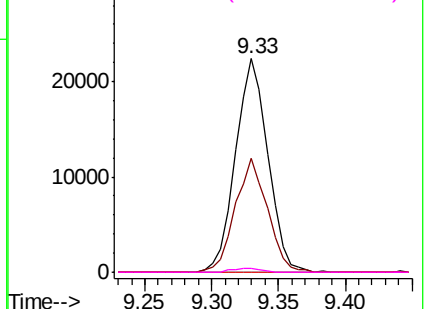


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: BG039868.D

Acq: 12 Mar 2019 10:55

Tgt Ion: 136 Resp: 159893

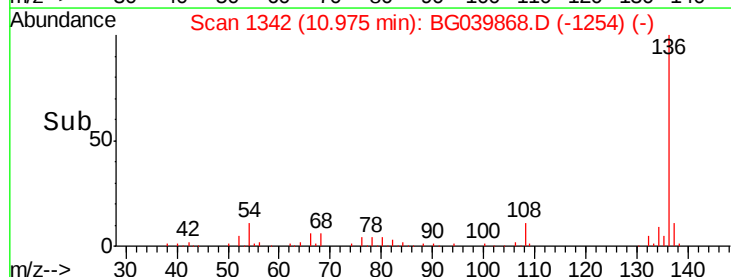
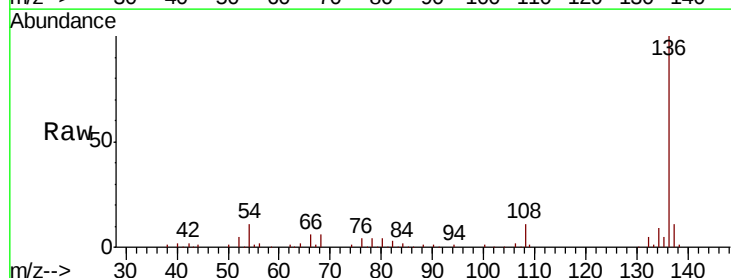
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 11.4 9.4 14.2

68 6.5 4.2 6.4#

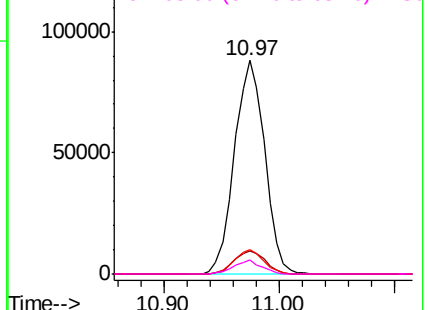


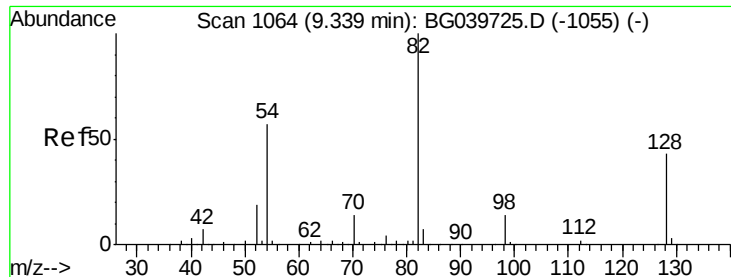
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

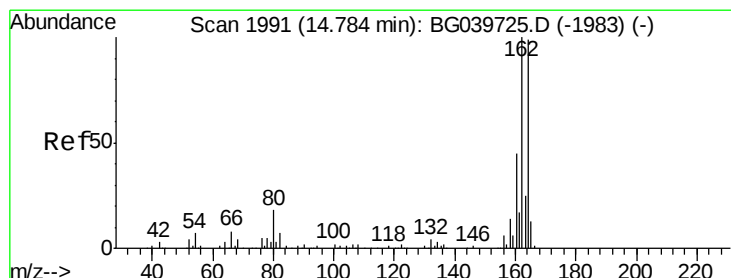
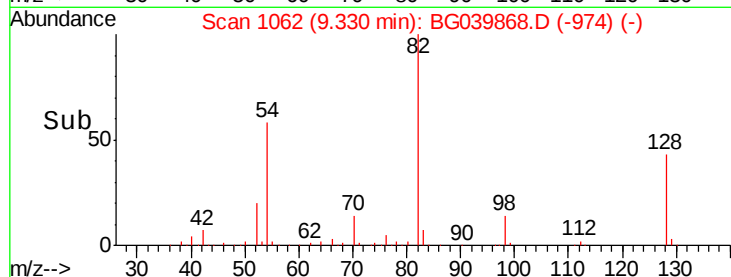
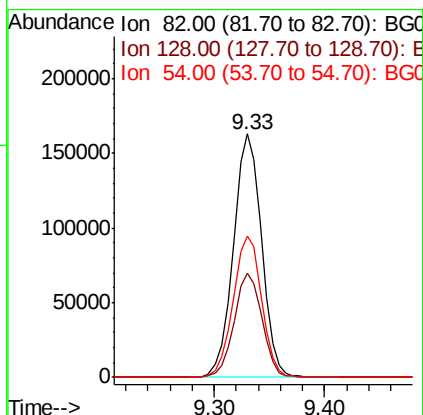
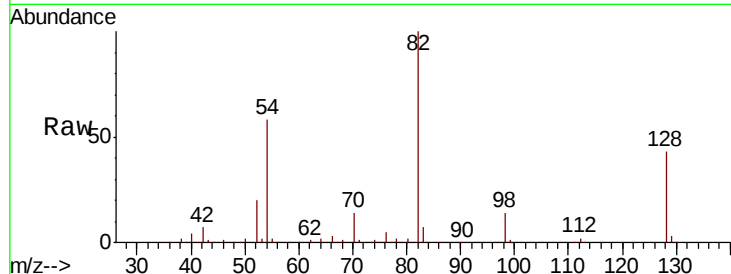




#23
Nitrobenzene-d5
Concen: 98.764 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039868.D
Acq: 12 Mar 2019 10:55

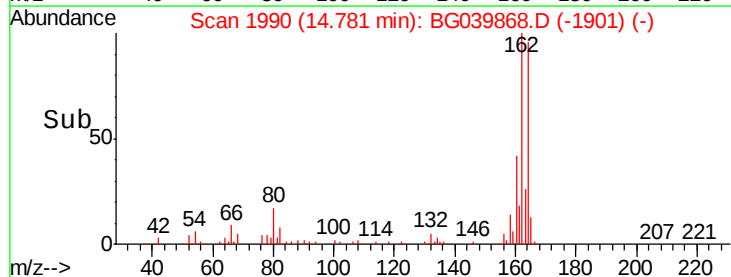
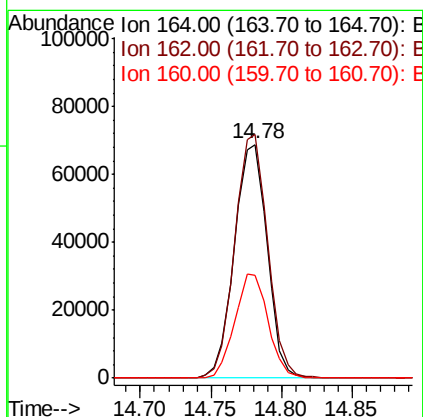
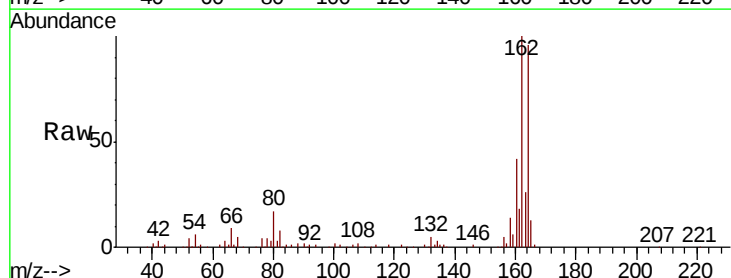
Instrument :
BNA_E
ClientSampled :

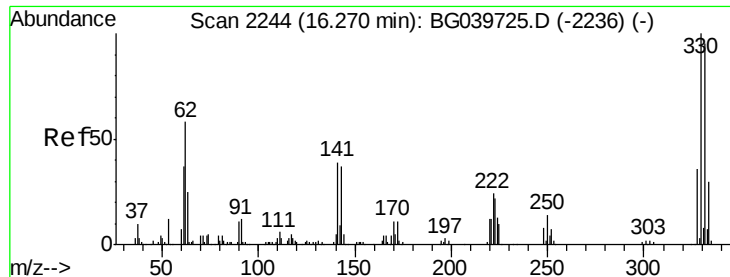
Tot Ion: 82 Resp: 291985
Ion Ratio Lower Upper
82 100
128 42.7 31.3 46.9
54 58.2 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039868.D
Acq: 12 Mar 2019 10:55

Tgt Ion:164 Resp: 111548
Ion Ratio Lower Upper
164 100
162 104.3 81.6 122.4
160 43.8 34.2 51.2

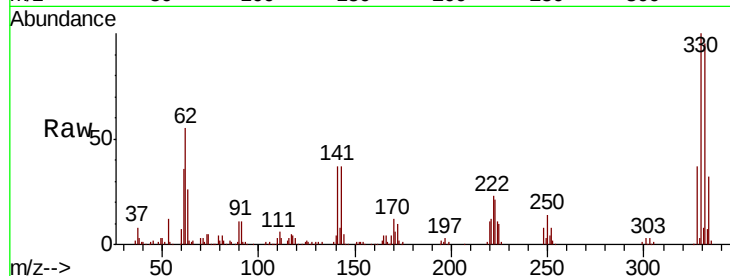




#42
 2,4,6-Tribromophenol
 Concen: 154.816 ng
 RT: 16.27 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG039868.D
 Acq: 12 Mar 2019 10:55

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	75.7	113.5
141	40.4	35.6	53.4

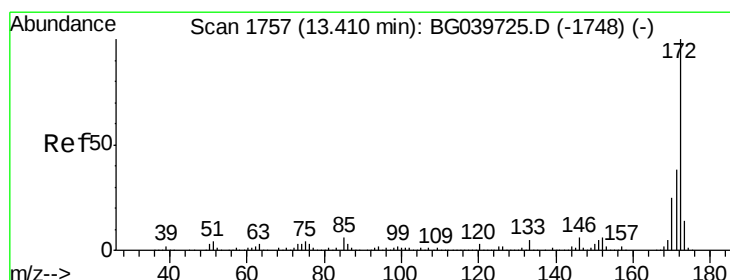
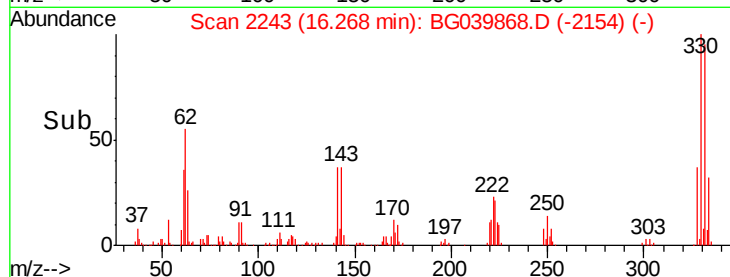
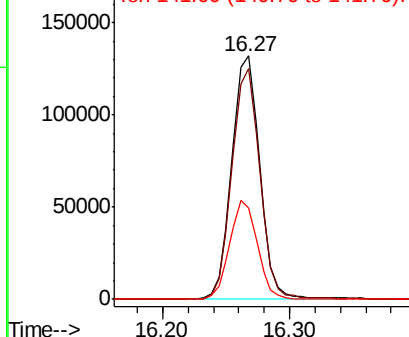


Abundance

Ion 329.80 (329.50 to 330.50): E

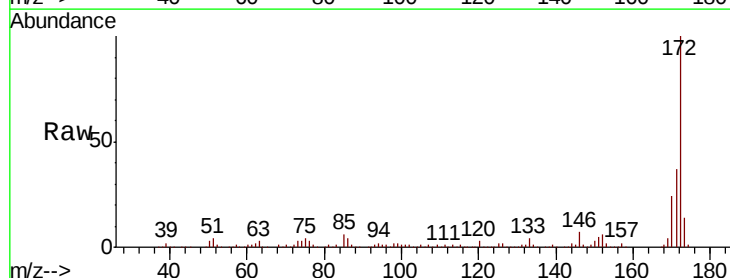
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 78.475 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039868.D
 Acq: 12 Mar 2019 10:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.8	46.2
170	24.2	20.2	30.4

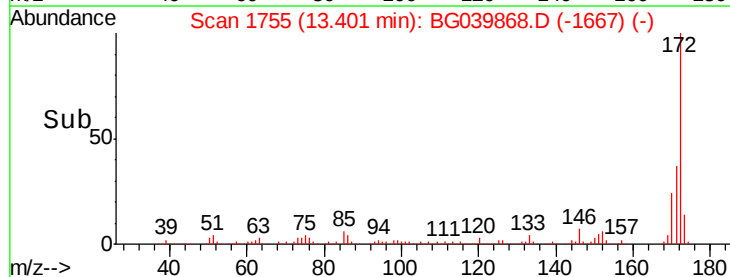
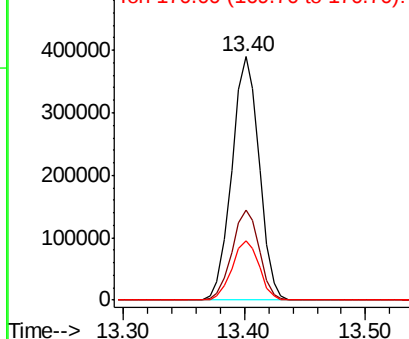


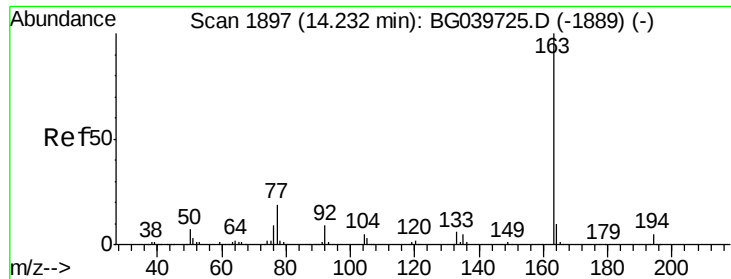
Abundance

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: 6.582 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG039868.D

Acq: 12 Mar 2019 10:55

Instrument :

BNA_E

ClientSampleId :

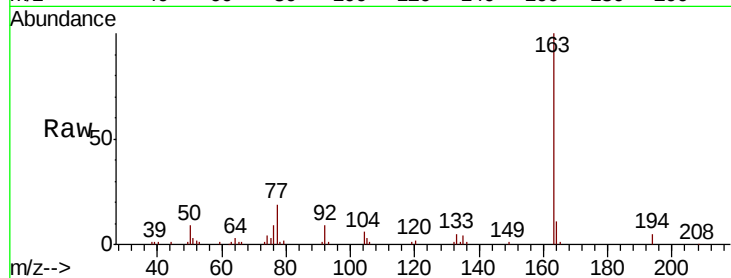
Tot Ion:163 Resp: 61398

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

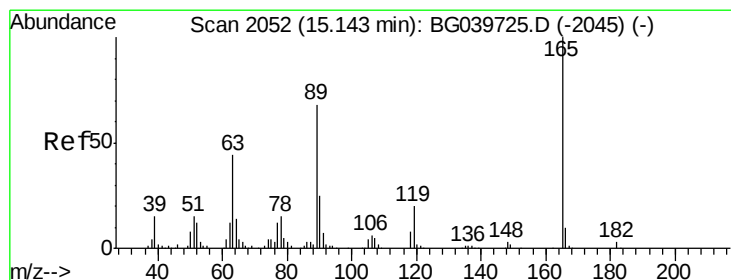
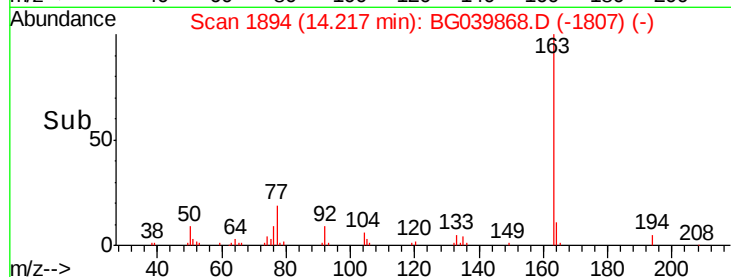
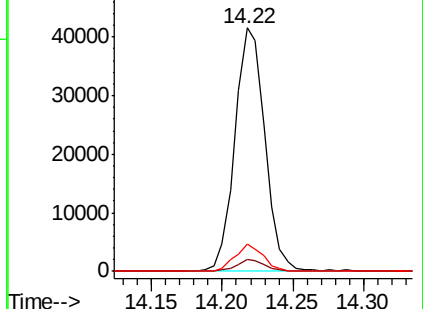
164 11.1 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 5.528 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.37 min

Lab File: BG039868.D

Acq: 12 Mar 2019 10:55

Tgt Ion:165 Resp: 15358

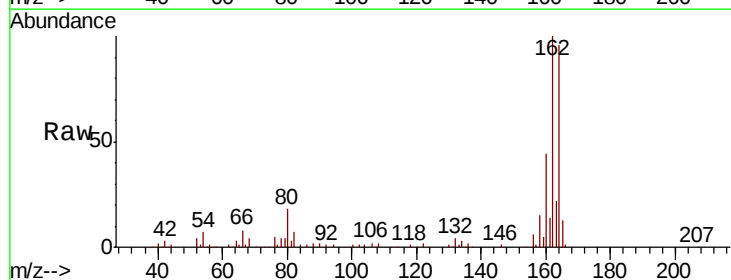
Ion Ratio Lower Upper

165 100

63 2.3 41.0 61.6#

89 0.0 64.6 96.8#

182 0.0 2.0 3.0#

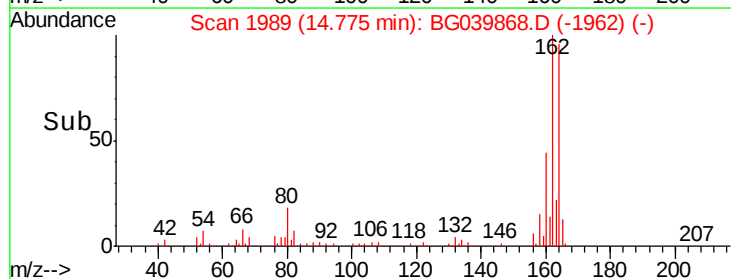
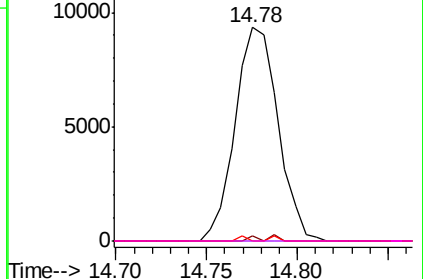


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039868.D

Acq: 12 Mar 2019 10:55

Instrument :

BNA_E

ClientSampled :

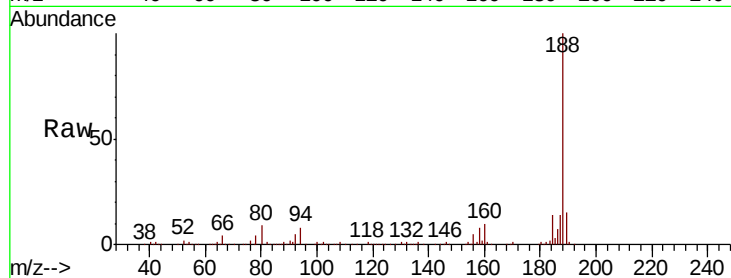
Tot Ion:188 Resp: 281330

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

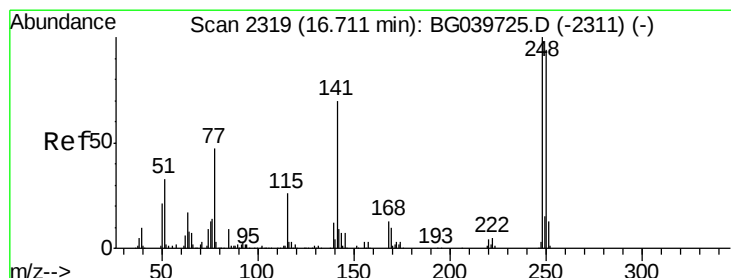
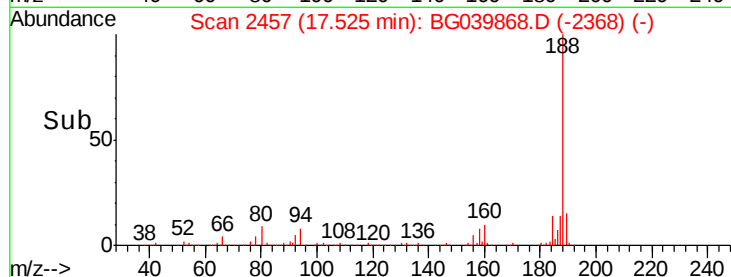
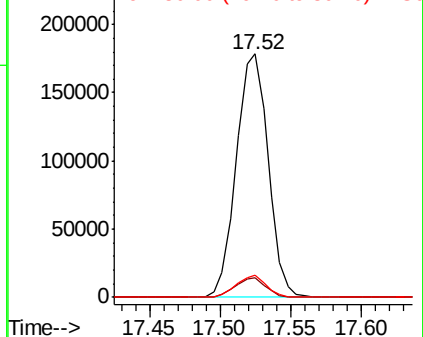
80 8.9 8.1 12.1



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: 5.159 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.46 min

Lab File: BG039868.D

Acq: 12 Mar 2019 10:55

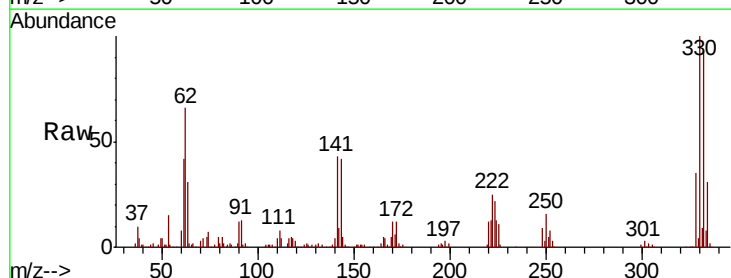
Tgt Ion:248 Resp: 16247

Ion Ratio Lower Upper

248 100

250 186.4 77.6 116.4#

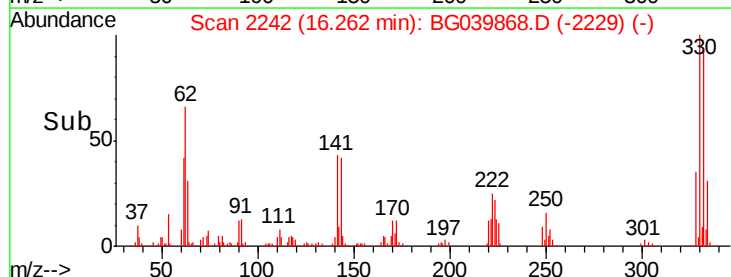
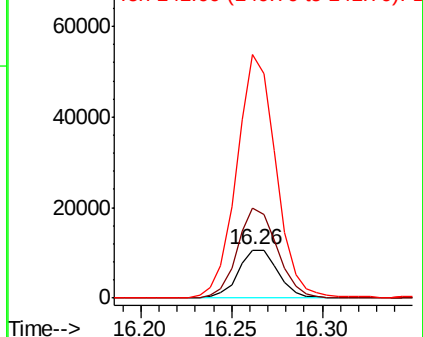
141 502.8 63.9 95.9#

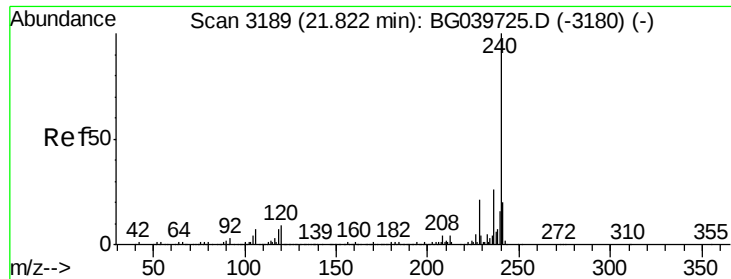


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

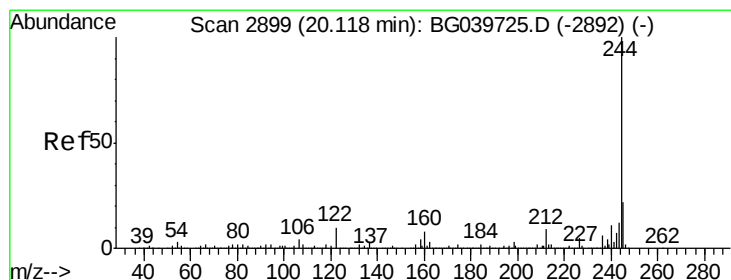
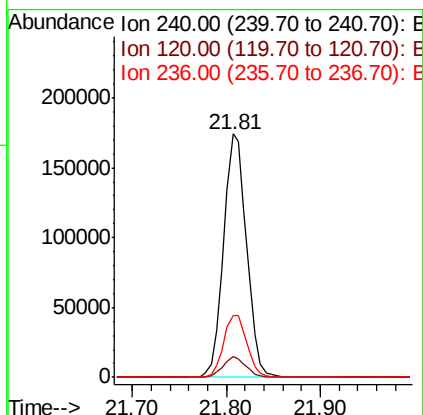
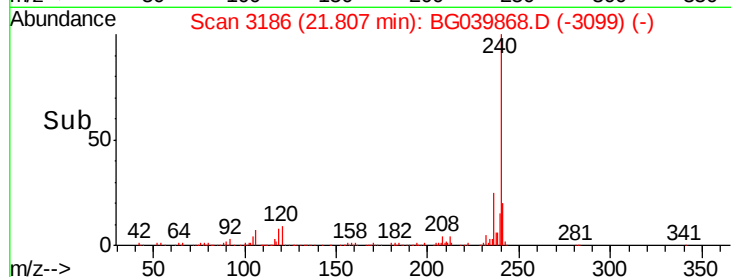
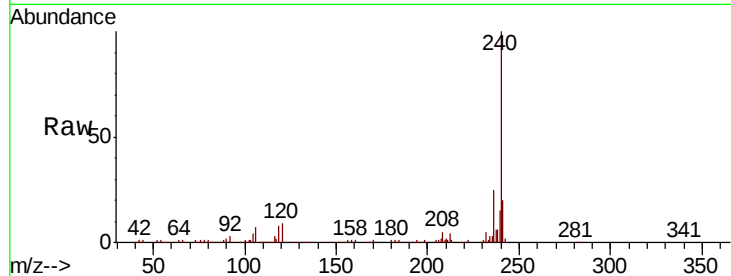




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039868.D
Acq: 12 Mar 2019 10:55

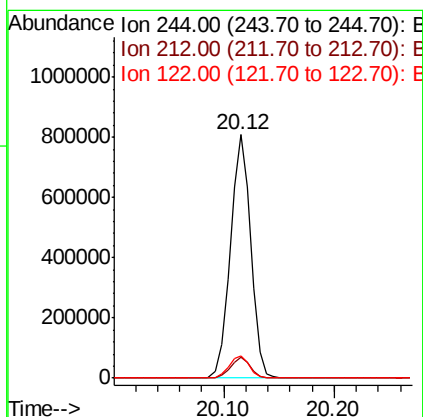
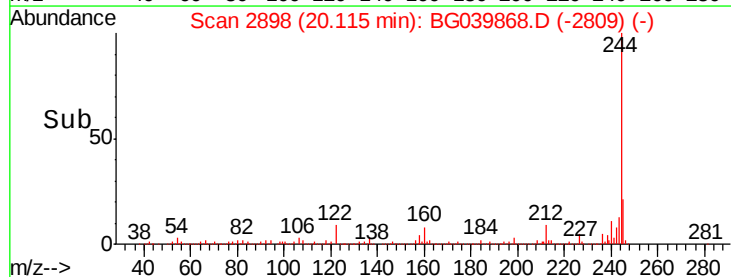
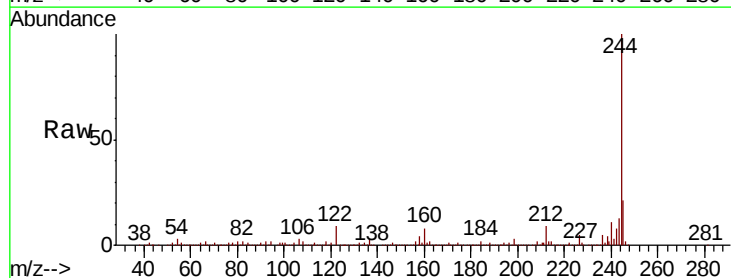
Instrument :
BNA_E
ClientSampleId :

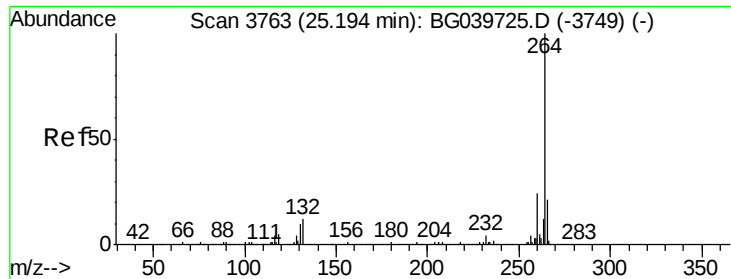
Tot Ion:240 Resp: 295563
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 25.5 21.0 31.4



#79
Terphenyl-d14
Concen: 77.667 ng
RT: 20.12 min Scan# 2898
Delta R.T. -0.01 min
Lab File: BG039868.D
Acq: 12 Mar 2019 10:55

Tgt Ion:244 Resp: 1042572
Ion Ratio Lower Upper
244 100
212 8.7 7.3 10.9
122 9.0 8.4 12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039868.D
Acq: 12 Mar 2019 10:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	19.9	18.5	27.7

