

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062919\
 Data File : BG041548.D
 Acq On : 29 Jun 2019 16:09
 Operator : HP/JU
 Sample : K3570-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LT-4

Quant Time: Jun 30 00:56:35 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	28971	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	99448	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	69365	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	179184	20.00	ng	0.00
76) Chrysene-d12	21.70	240	222383	20.00	ng	0.00
87) Perylene-d12	24.98	264	243764	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	90382	55.62	ng	0.00
7) Phenol-d6	7.19	99	75336	32.93	ng	0.00
23) Nitrobenzene-d5	9.21	82	209043	87.67	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	154952	130.83	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	482219	89.21	ng	0.00
79) Terphenyl-d14	20.02	244	980581	93.70	ng	0.00

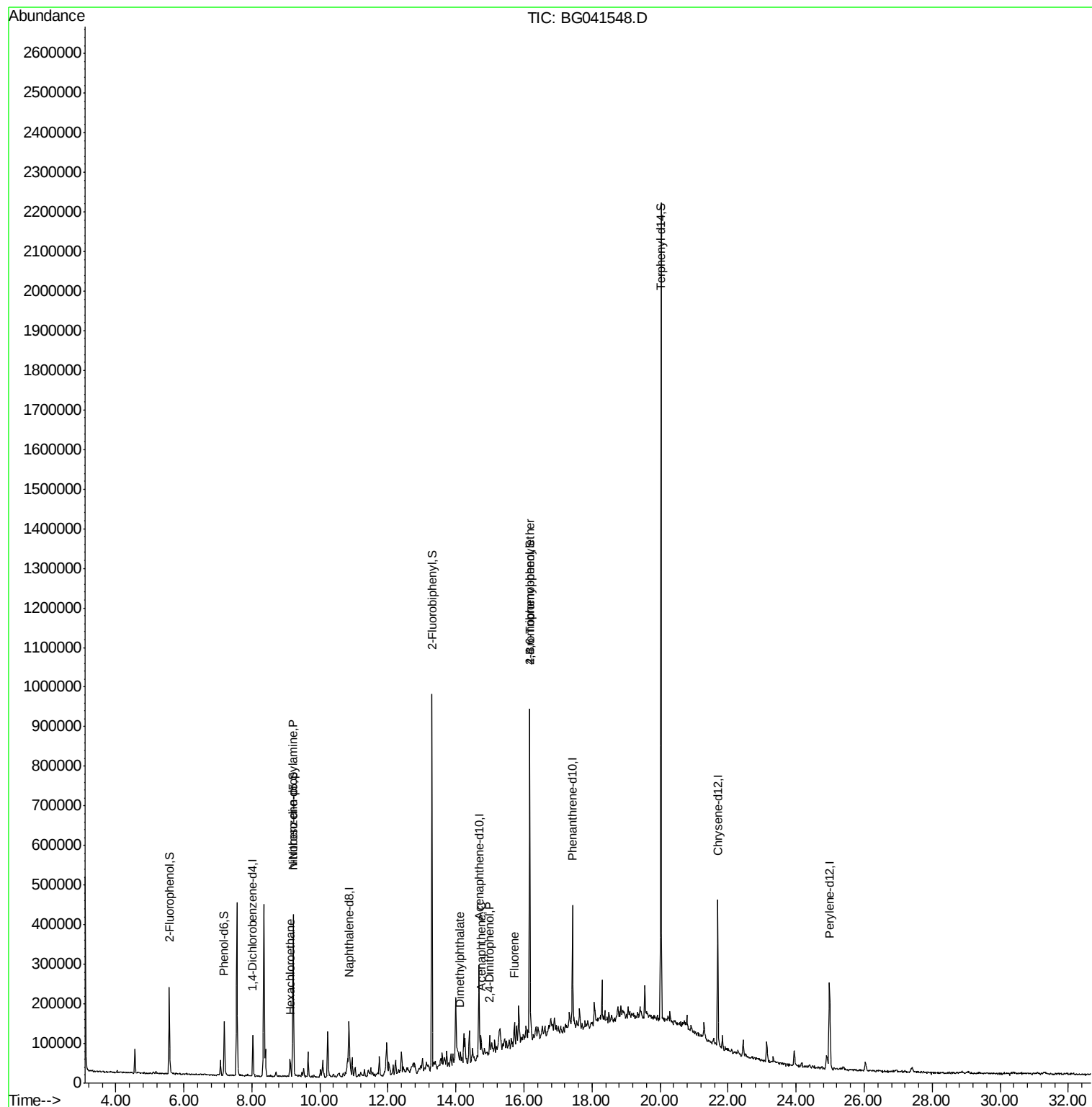
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	9.13	117	10872	11.594	ng	# 20
19) n-Nitroso-di-n-propylamine	9.21	70	29956	17.556	ng	# 75
50) Dimethylphthalate	14.13	163	16059	2.544	ng	# 96
52) Acenaphthene	14.74	154	18627	4.470	ng	# 94
54) 2,4-Dinitrophenol	14.97	184	302	8.260	ng	# 1
58) Fluorene	15.72	166	16012	2.775	ng	# 97
67) 4-Bromophenyl-phenylether	16.17	248	10910	4.456	ng	# 1

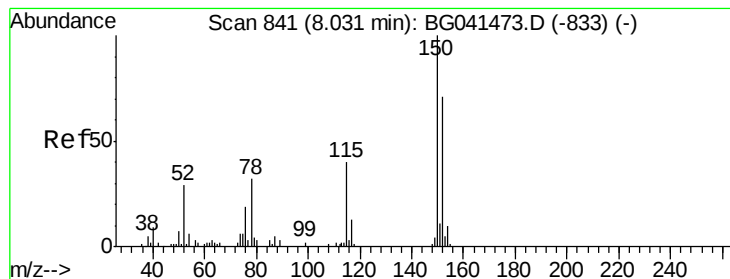
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062919\
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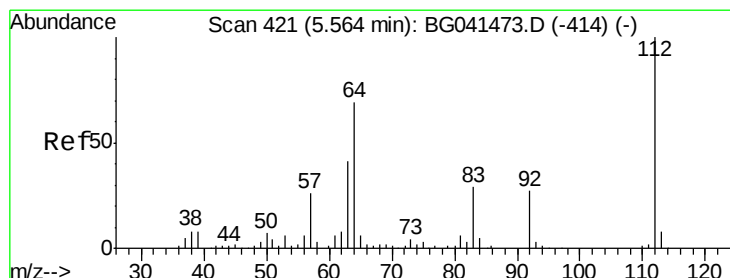
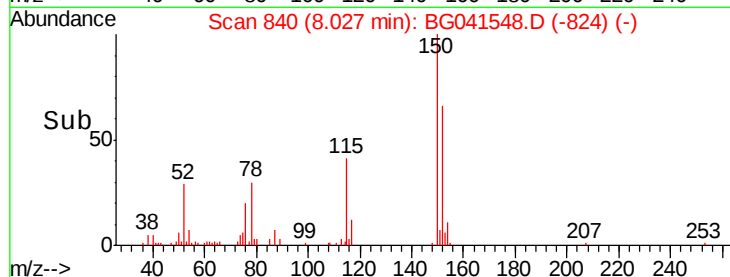
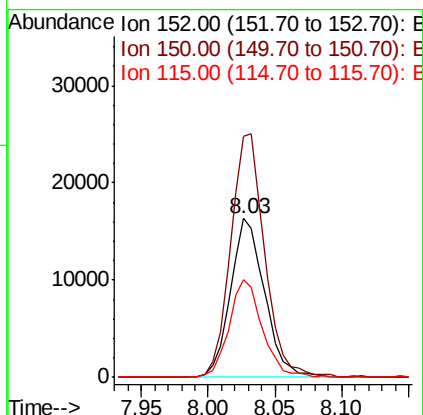
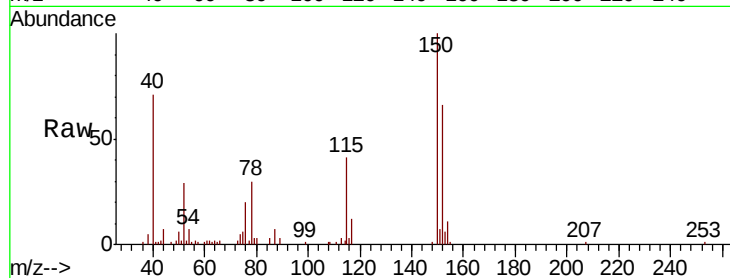


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG041548.D
Acq: 29 Jun 2019 16:09

Instrument :
BNA_G
ClientSampleId :
LT-4

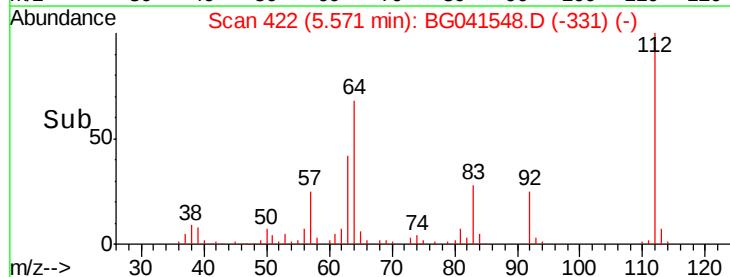
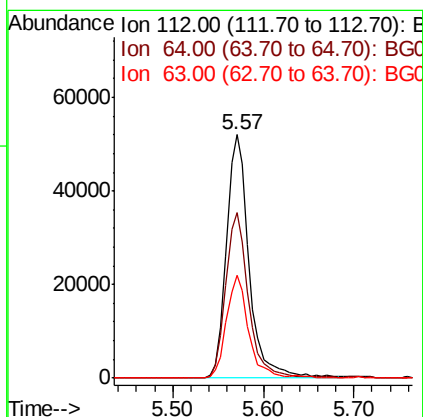
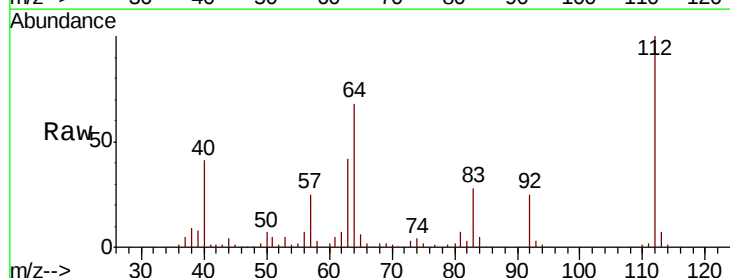
Tgt Ion:152 Resp: 28971
Ion Ratio Lower Upper
152 100
150 151.6 112.4 168.6
115 61.5 44.6 66.8

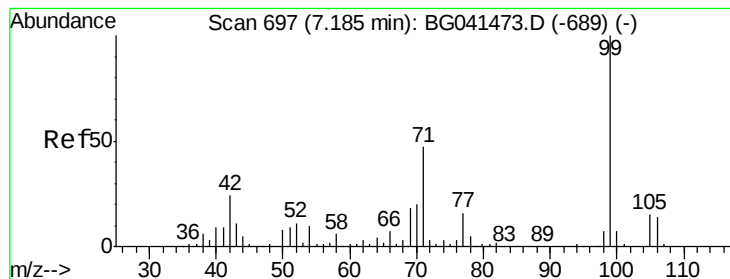


#5

2-Fluorophenol
Concen: 55.620 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG041548.D
Acq: 29 Jun 2019 16:09

Tgt Ion:112 Resp: 90382
Ion Ratio Lower Upper
112 100
64 68.2 55.1 82.7
63 42.1 32.4 48.6





#7

Phenol-d6

Concen: 32.933 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG041548.D

Acq: 29 Jun 2019 16:09

Instrument :

BNA_G

ClientSampled :

LT-4

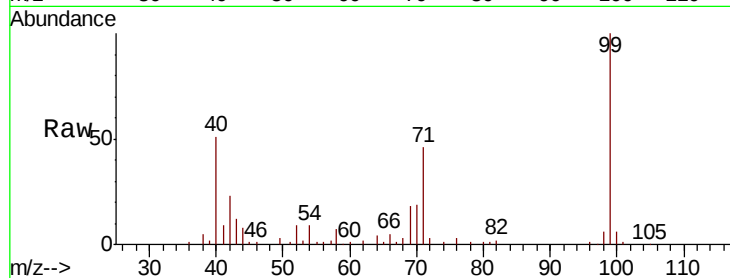
Tgt Ion: 99 Resp: 75336

Ion Ratio Lower Upper

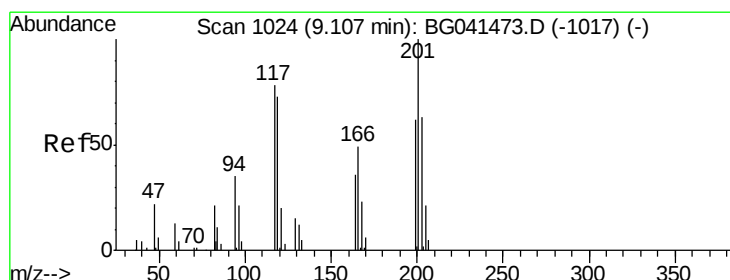
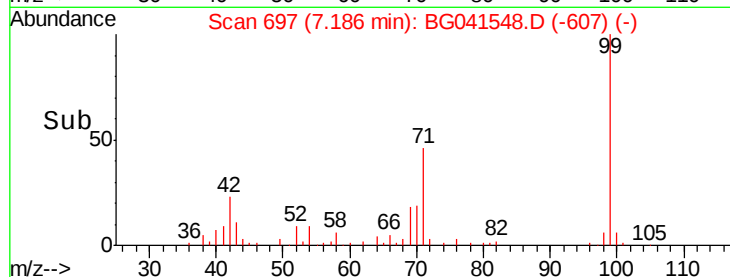
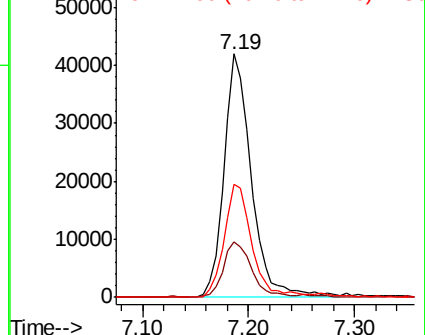
99 100

42 23.0 19.0 28.6

71 46.5 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



#18

Hexachloroethane

Concen: 11.594 ng

RT: 9.13 min Scan# 1028

Delta R.T. 0.02 min

Lab File: BG041548.D

Acq: 29 Jun 2019 16:09

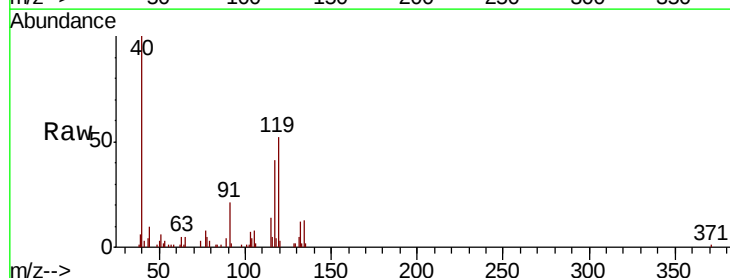
Tgt Ion: 117 Resp: 10872

Ion Ratio Lower Upper

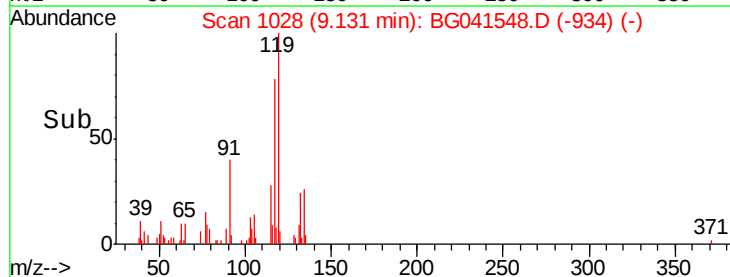
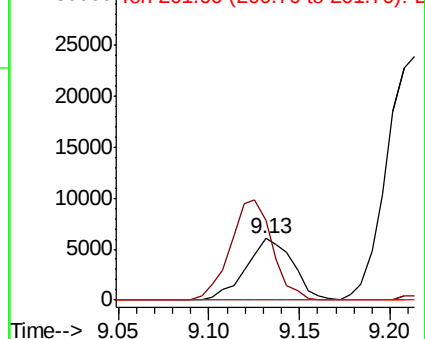
117 100

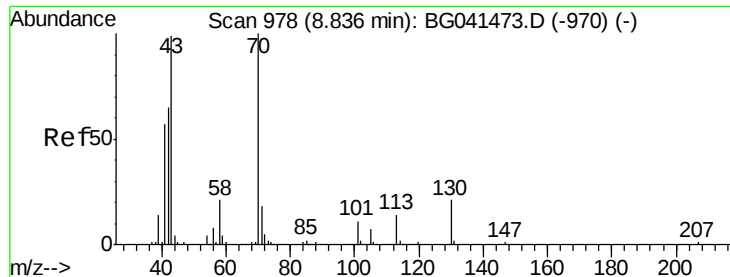
119 128.8 74.3 111.5#

201 0.0 102.3 153.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

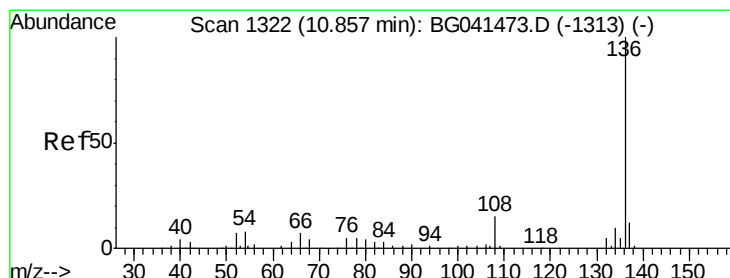
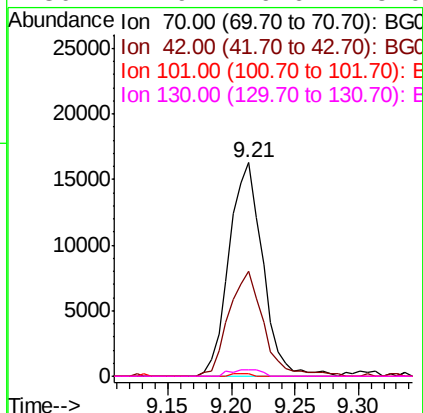
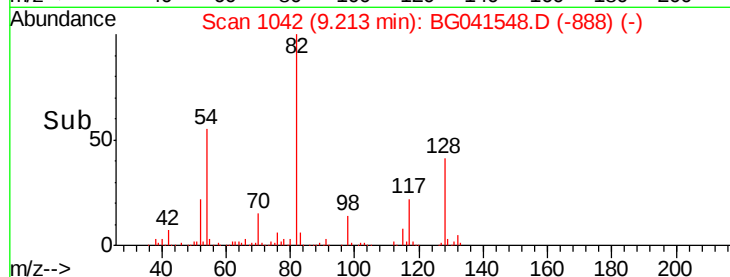
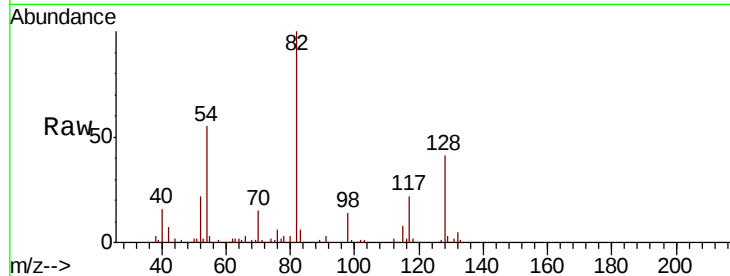




#19
n-Nitroso-di-n-propylamine
Concen: 17.556 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.38 min
Lab File: BG041548.D
Acq: 29 Jun 2019 16:09

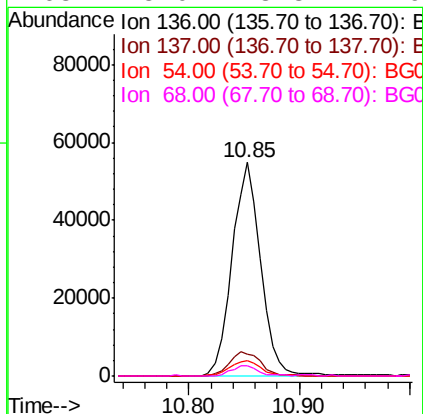
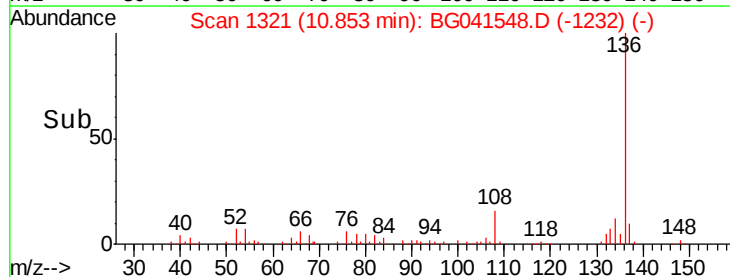
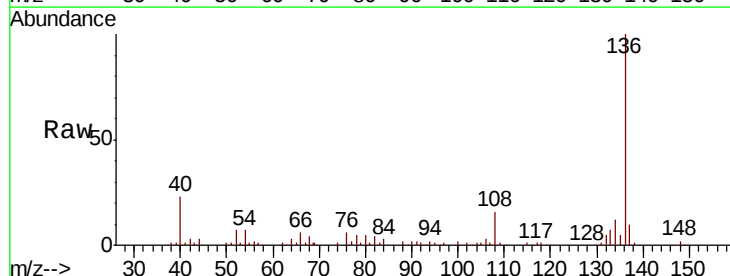
Instrument :
BNA_G
ClientSampled :
LT-4

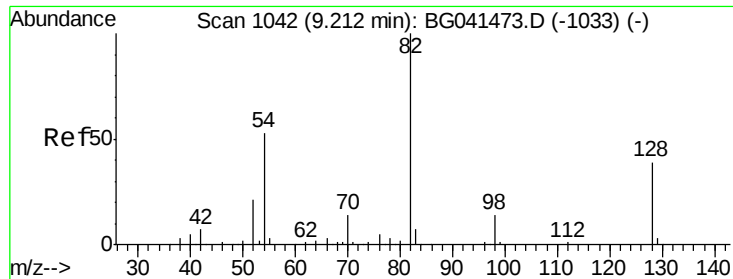
Tgt Ion: 70 Resp: 29956
Ion Ratio Lower Upper
70 100
42 49.4 52.6 78.8#
101 1.0 8.6 13.0#
130 2.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG041548.D
Acq: 29 Jun 2019 16:09

Tgt Ion: 136 Resp: 99448
Ion Ratio Lower Upper
136 100
137 10.2 9.3 13.9
54 7.3 7.1 10.7
68 5.0 3.3 4.9#

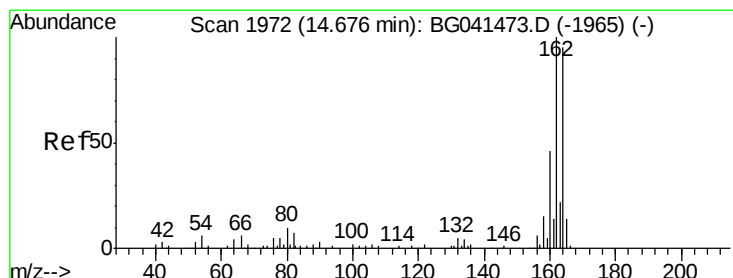
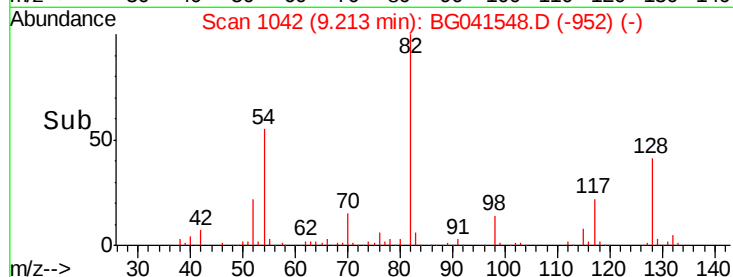
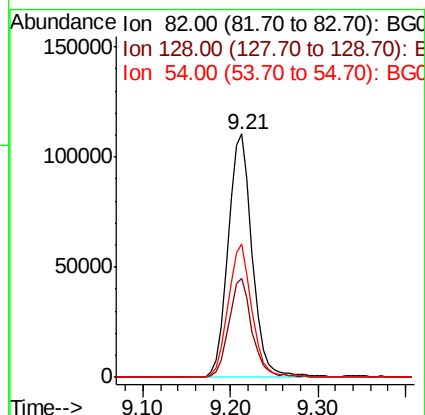
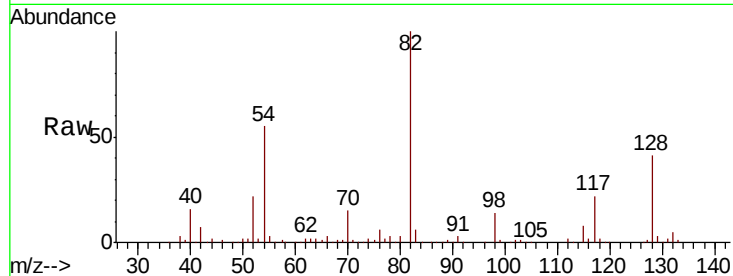




#23
 Nitrobenzene-d5
 Concen: 87.670 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG041548.D
 Acq: 29 Jun 2019 16:09

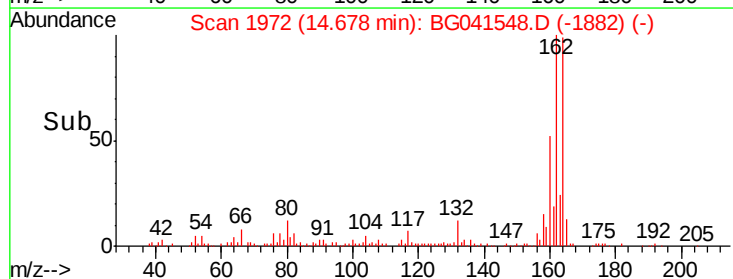
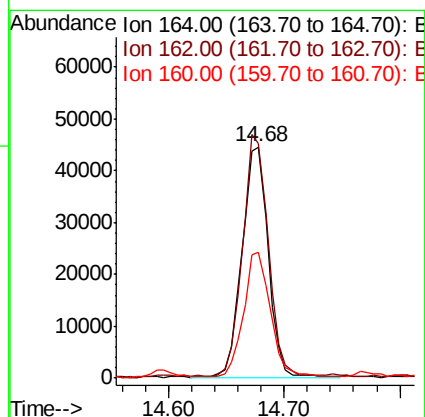
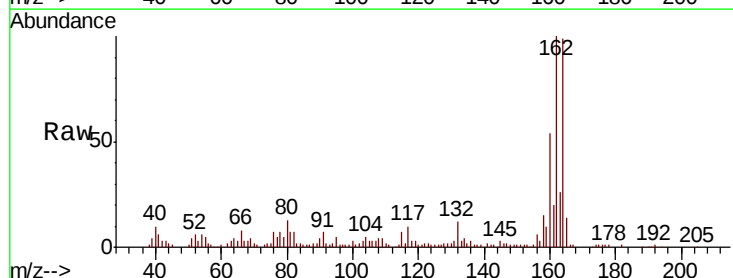
Instrument :
 BNA_G
 ClientSampled :
 LT-4

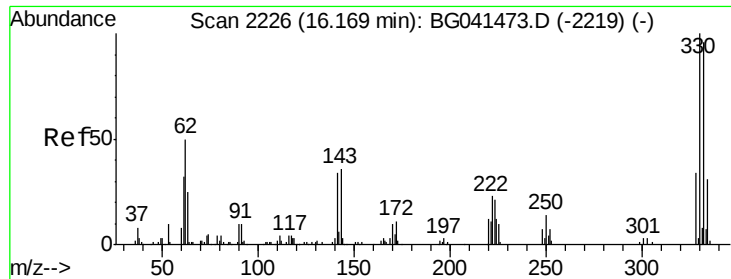
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.9	30.9	46.3
54	55.0	42.2	63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: BG041548.D
 Acq: 29 Jun 2019 16:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	84.4	126.6
160	54.7	38.8	58.2

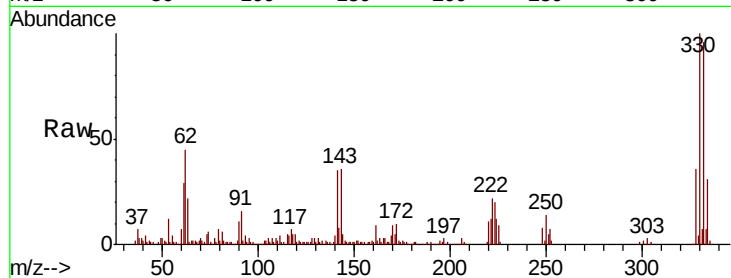




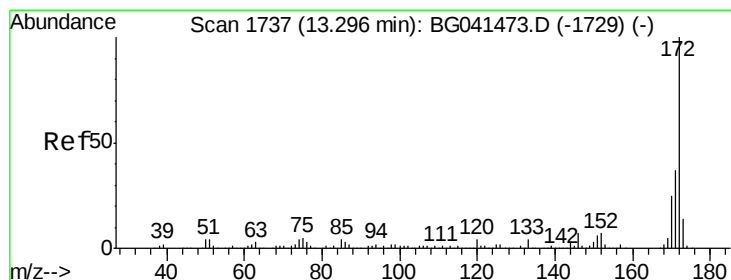
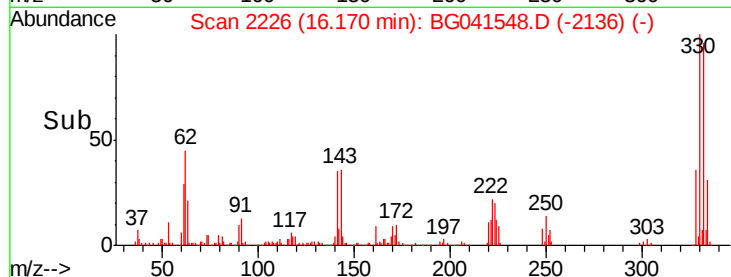
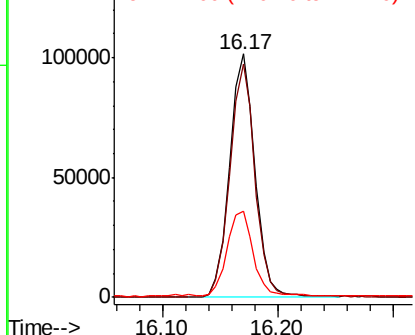
#42
 2,4,6-Tribromophenol
 Concen: 130.832 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BG041548.D
 Acq: 29 Jun 2019 16:09

Instrument :
 BNA_G
 ClientSampleId :
 LT-4

Tgt Ion:330 Resp: 154952
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.5 113.3
 141 35.6 27.8 41.6

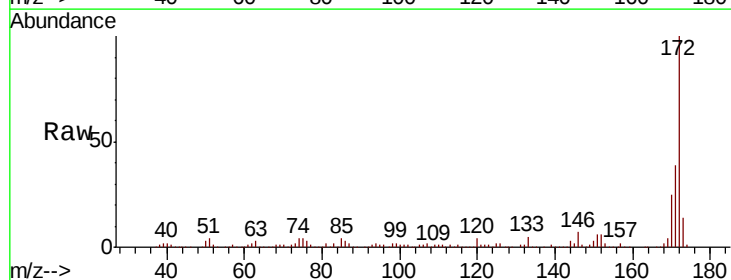


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

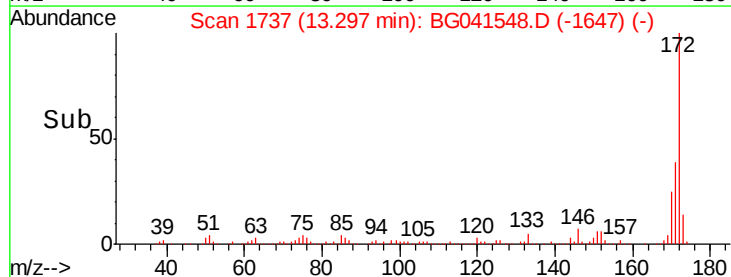
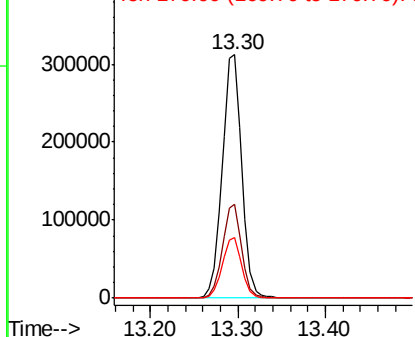


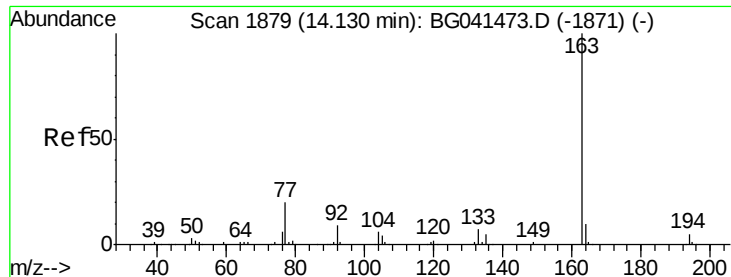
#45
 2-Fluorobiphenyl
 Concen: 89.211 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: BG041548.D
 Acq: 29 Jun 2019 16:09

Tgt Ion:172 Resp: 482219
 Ion Ratio Lower Upper
 172 100
 171 38.7 29.6 44.4
 170 25.0 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





#50

Dimethylphthalate

Concen: 2.544 ng

RT: 14.13 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG041548.D

Acq: 29 Jun 2019 16:09

Instrument :

BNA_G

ClientSampled :

LT-4

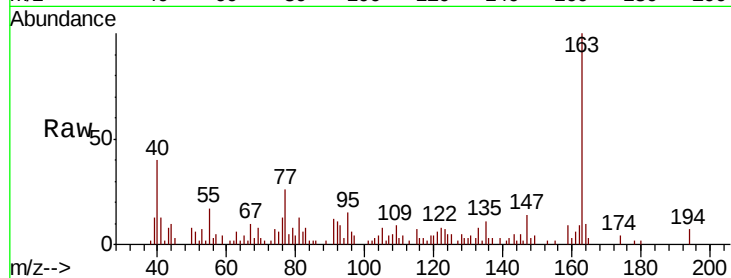
Tgt Ion:163 Resp: 16059

Ion Ratio Lower Upper

163 100

194 7.0 3.7 5.5#

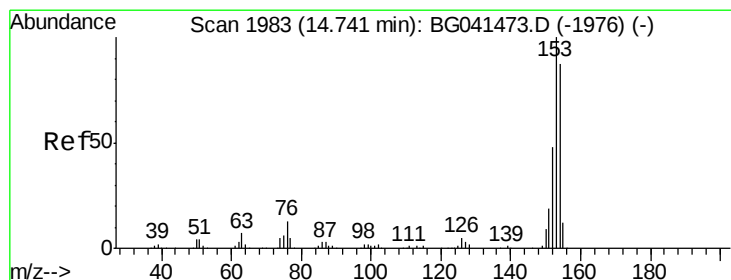
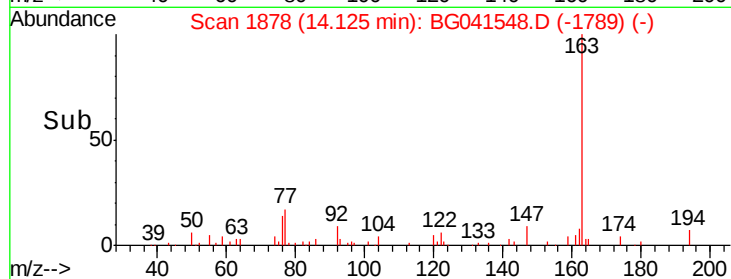
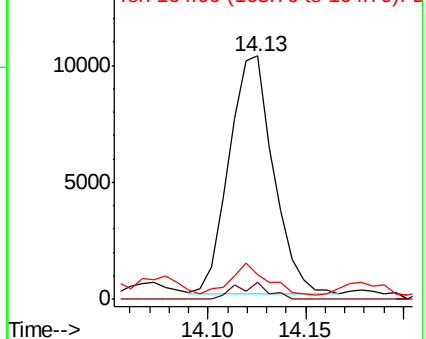
164 10.4 7.8 11.6



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



#52

Acenaphthene

Concen: 4.470 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG041548.D

Acq: 29 Jun 2019 16:09

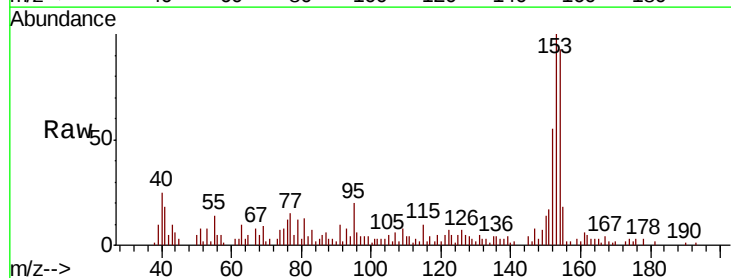
Tgt Ion:154 Resp: 18627

Ion Ratio Lower Upper

154 100

153 107.7 92.2 138.4

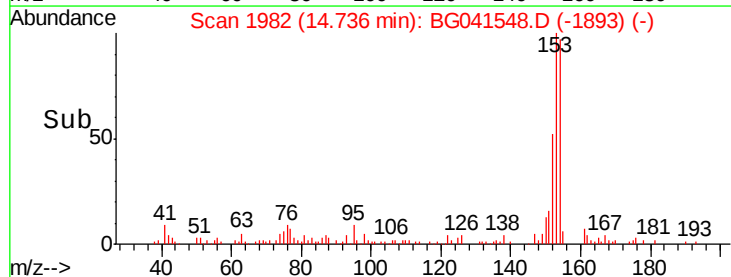
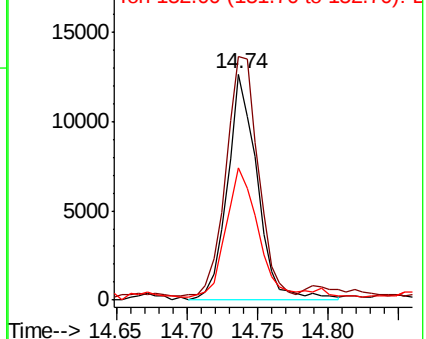
152 58.8 44.1 66.1

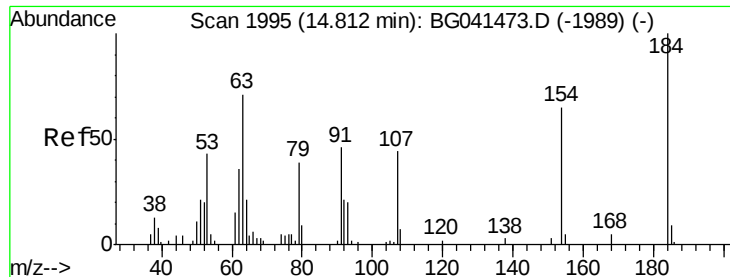


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

2,4-Dinitrophenol

Concen: 8.260 ng

RT: 14.97 min Scan# 2022

Delta R.T. 0.16 min

Lab File: BG041548.D

Acq: 29 Jun 2019 16:09

Instrument :

BNA_G

ClientSampled :

LT-4

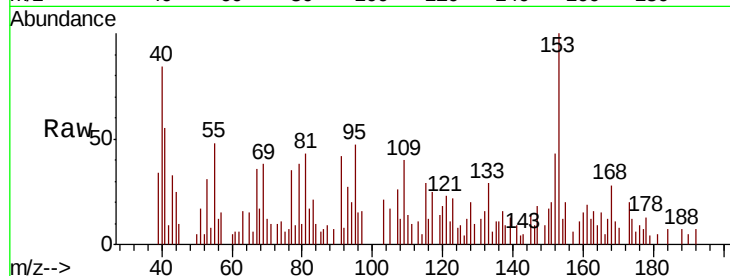
Tgt Ion:184 Resp: 302

Ion Ratio Lower Upper

184 100

63 247.6 56.5 84.7#

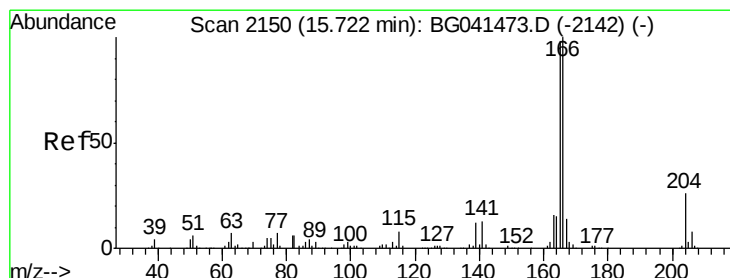
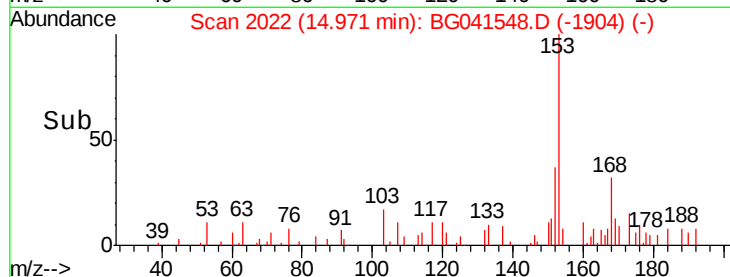
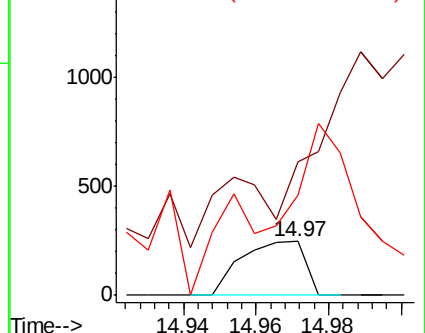
154 184.3 54.2 81.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#58

Fluorene

Concen: 2.775 ng

RT: 15.72 min Scan# 2149

Delta R.T. -0.00 min

Lab File: BG041548.D

Acq: 29 Jun 2019 16:09

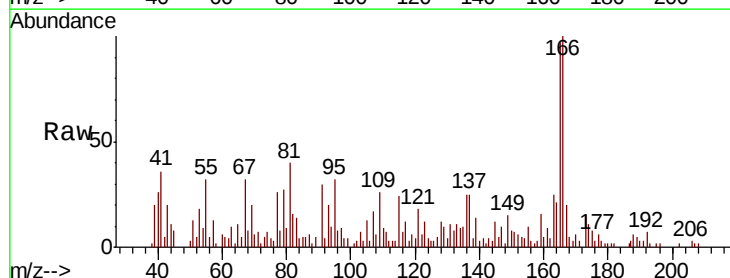
Tgt Ion:166 Resp: 16012

Ion Ratio Lower Upper

166 100

165 96.9 78.6 117.8

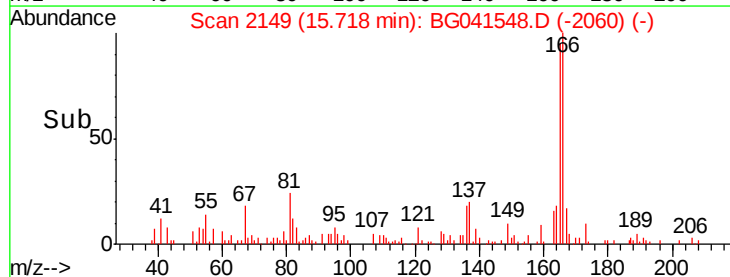
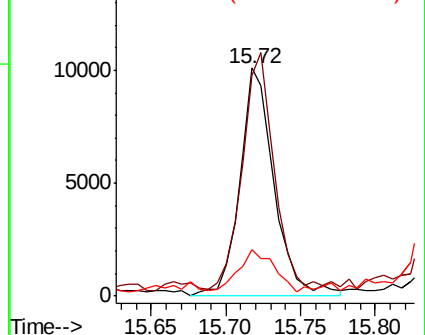
167 20.3 11.4 17.0#

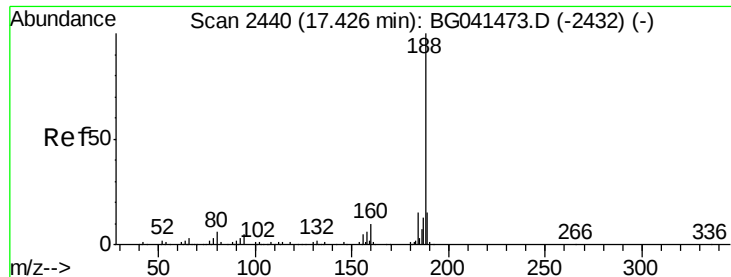


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG041548.D

Acq: 29 Jun 2019 16:09

Instrument :

BNA_G

ClientSampleId :

LT-4

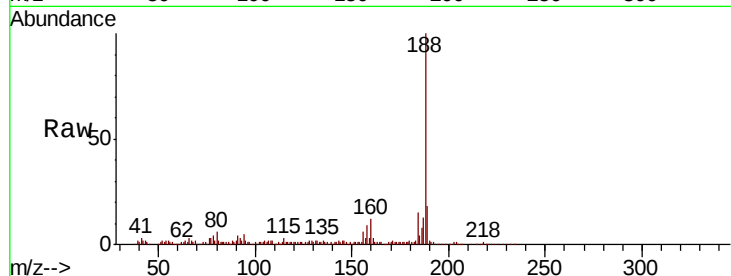
Tgt Ion:188 Resp: 179184

Ion Ratio Lower Upper

188 100

94 5.5 3.8 5.8

80 6.4 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

150000

100000

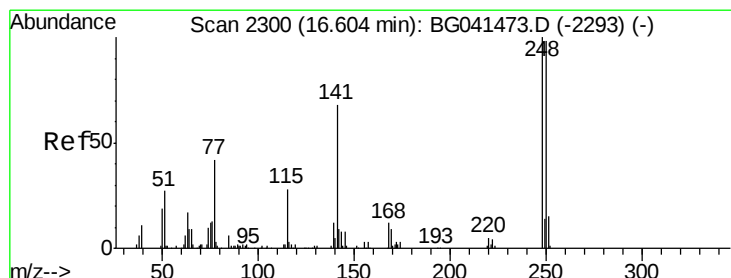
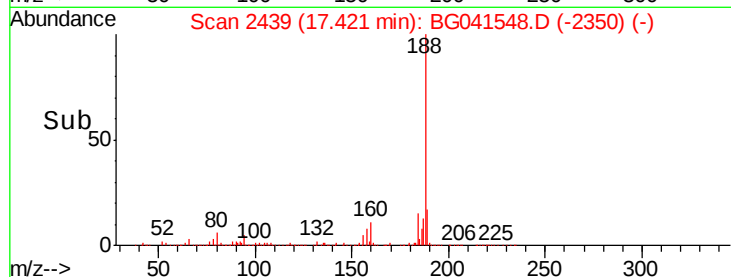
50000

0

17.42

17.40 17.50

Time-->



#67

4-Bromophenyl-phenylether

Concen: 4.456 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.43 min

Lab File: BG041548.D

Acq: 29 Jun 2019 16:09

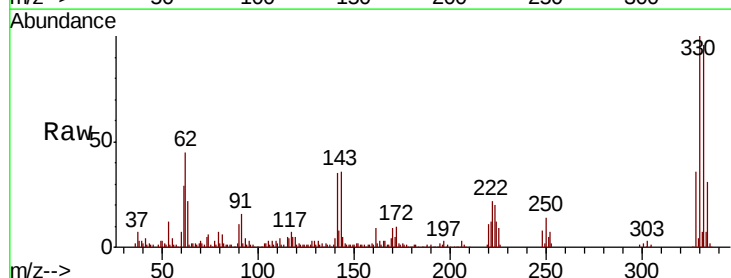
Tgt Ion:248 Resp: 10910

Ion Ratio Lower Upper

248 100

250 175.5 78.1 117.1#

141 450.7 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

50000

40000

30000

20000

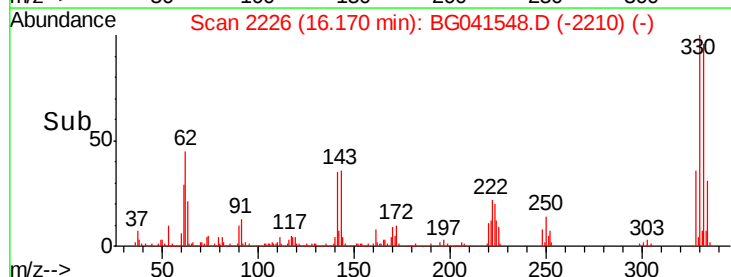
10000

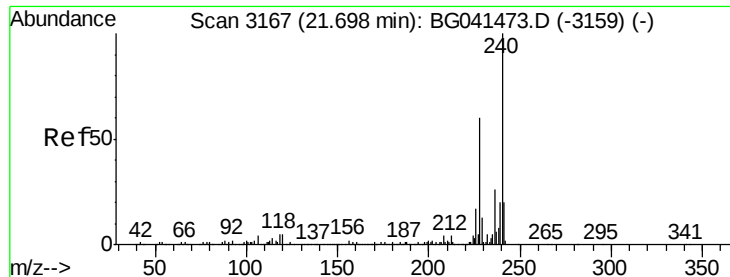
0

16.17

16.10 16.20

Time-->

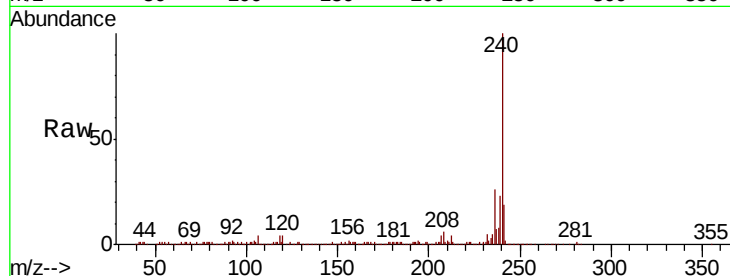




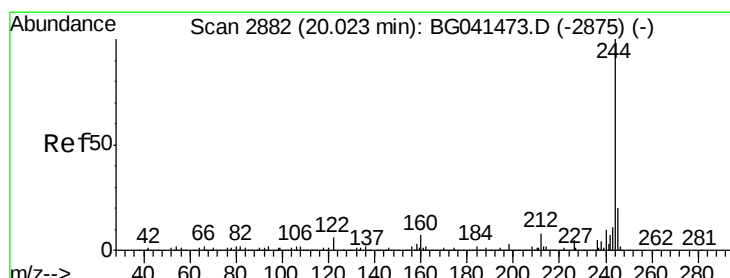
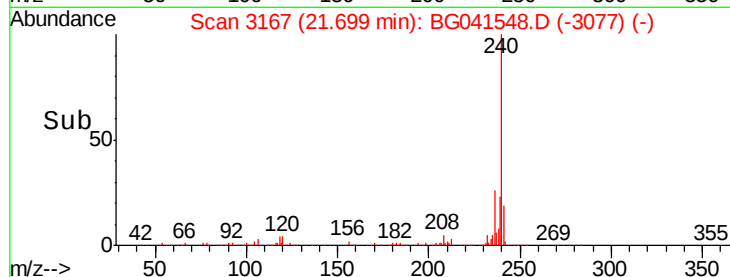
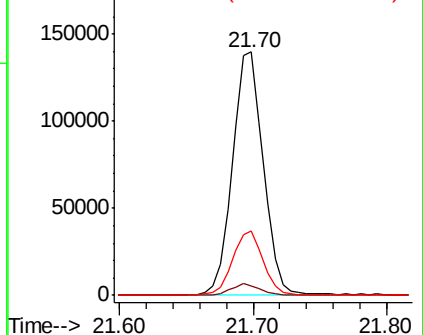
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BG041548.D
Acq: 29 Jun 2019 16:09

Instrument :
BNA_G
ClientSampleId :
LT-4

Tgt Ion:240 Resp: 222383
Ion Ratio Lower Upper
240 100
120 4.1 3.7 5.5
236 26.4 20.8 31.2

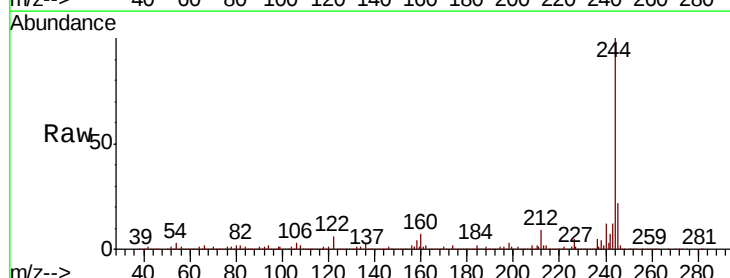


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

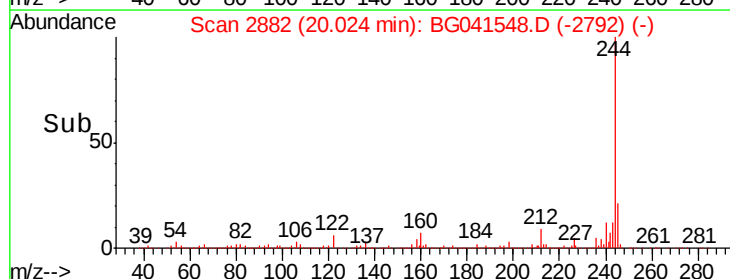
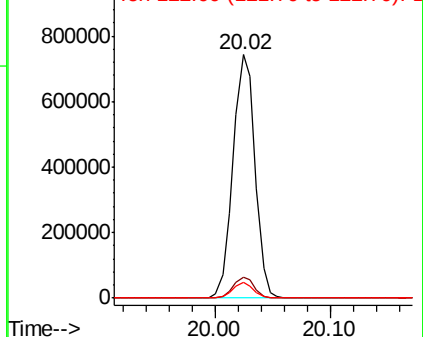


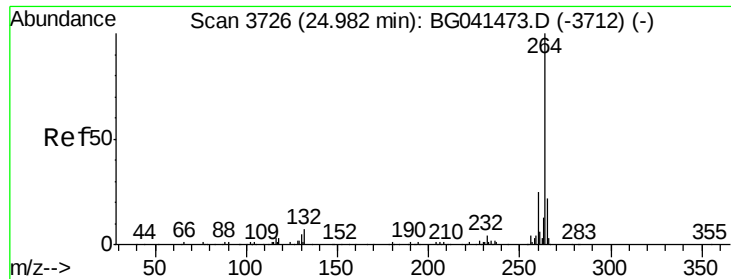
#79
Terphenyl-d14
Concen: 93.704 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.00 min
Lab File: BG041548.D
Acq: 29 Jun 2019 16:09

Tgt Ion:244 Resp: 980581
Ion Ratio Lower Upper
244 100
212 8.8 6.2 9.4
122 6.5 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. -0.00 min
Lab File: BG041548.D
Acq: 29 Jun 2019 16:09

Instrument :
BNA_G
ClientSampleId :
LT-4

Tgt Ion:	264	Resp:	243764
Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.7	29.5
265	20.7	17.4	26.2

