

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062919\
 Data File : BG041549.D
 Acq On : 29 Jun 2019 16:47
 Operator : HP/JU
 Sample : K3570-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ERM-16R

Quant Time: Jun 30 00:56:48 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

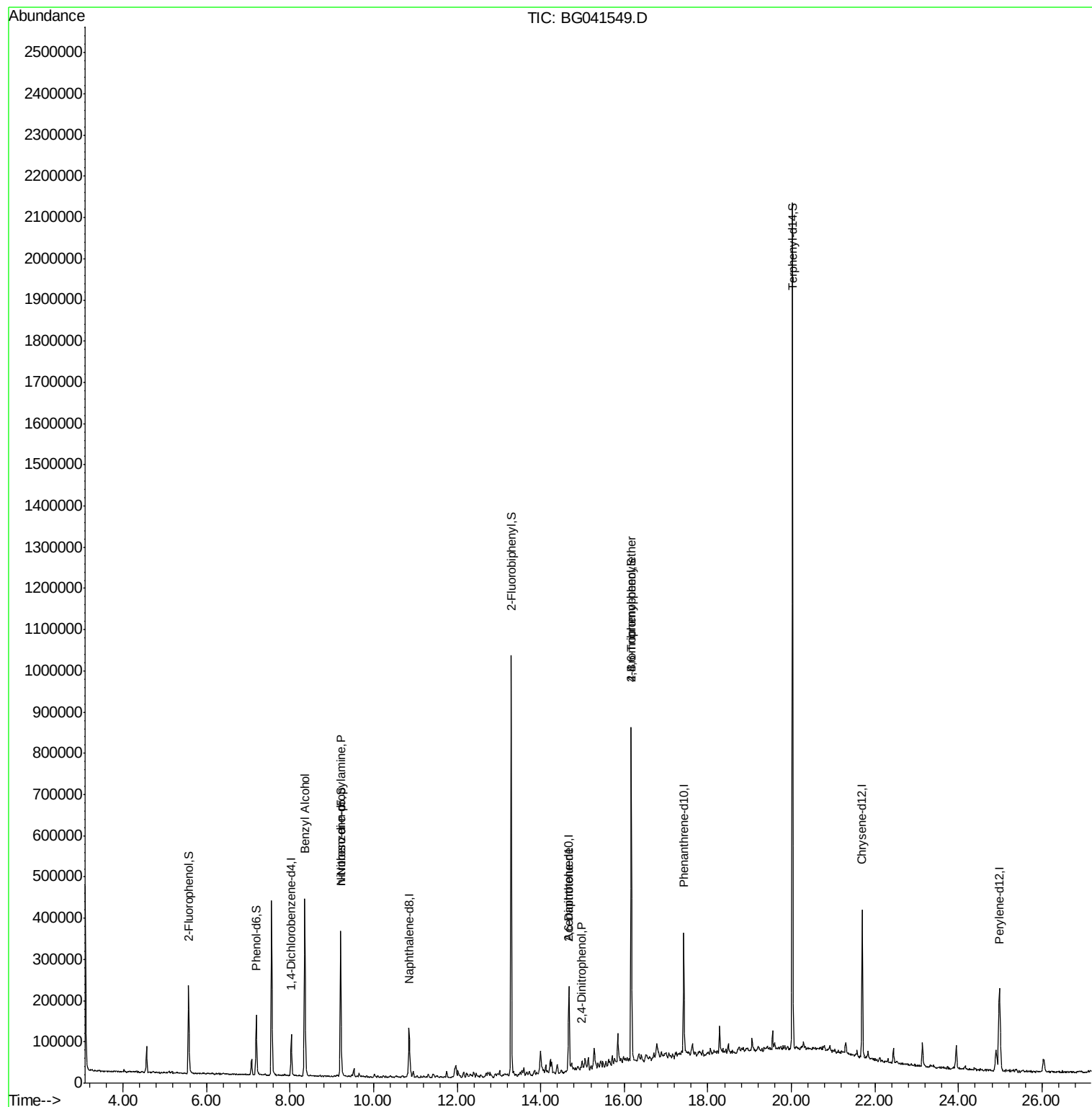
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	29044	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	98407	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	69050	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	180546	20.00	ng	0.00
76) Chrysene-d12	21.70	240	220505	20.00	ng	0.00
87) Perylene-d12	24.98	264	238122	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	91835	56.37	ng	0.00
7) Phenol-d6	7.19	99	80709	35.19	ng	0.00
23) Nitrobenzene-d5	9.21	82	212735	90.16	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	157986	134.00	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	503970	93.66	ng	0.00
79) Terphenyl-d14	20.03	244	994080	95.80	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.35	79	3870	2.119	ng	# 50
19) n-Nitroso-di-n-propylamine	9.21	70	28823	16.850	ng	# 81
51) 2,6-Dinitrotoluene	14.67	165	9020	6.764	ng	# 24
54) 2,4-Dinitrophenol	14.96	184	116	8.072	ng	# 1
67) 4-Bromophenyl-phenylether	16.17	248	11252	4.561	ng	# 1

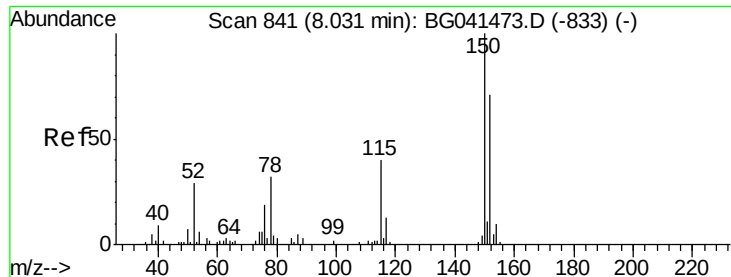
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG041549.D
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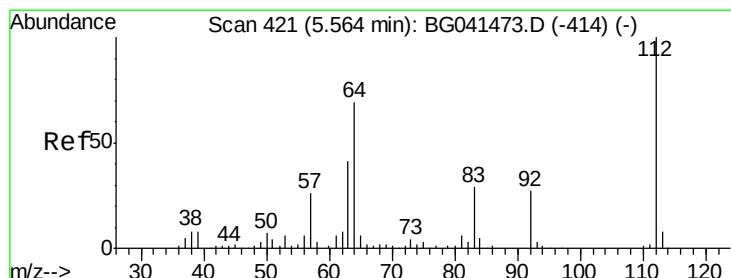
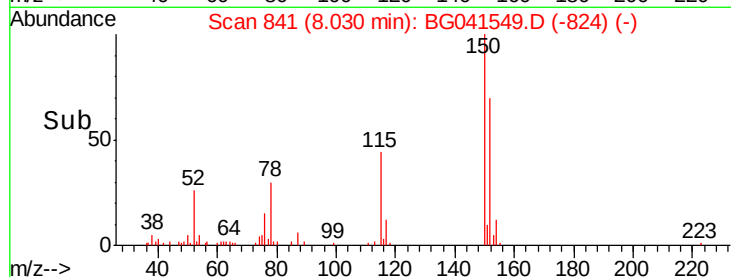
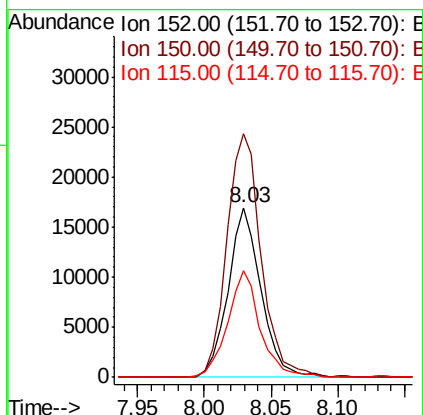
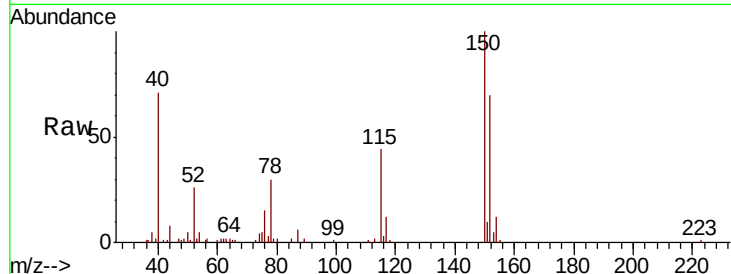


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BG041549.D
 Acq: 29 Jun 2019 16:47

Instrument :
 BNA_G
 ClientSampleId :
 ERM-16R

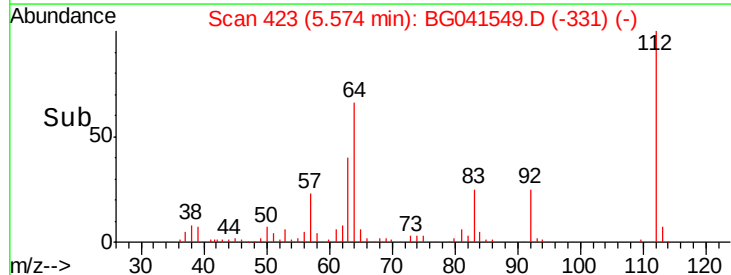
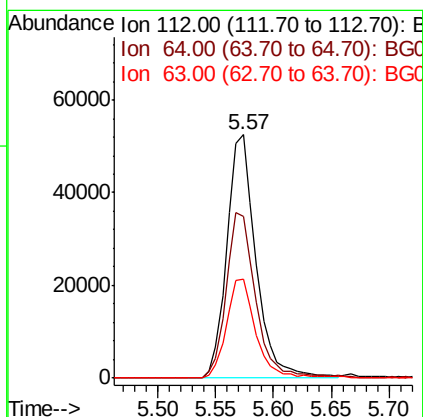
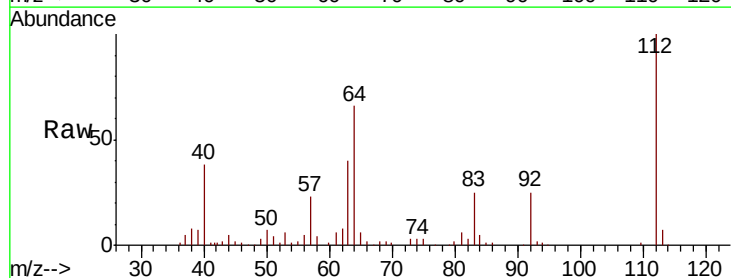
Tgt Ion:152 Resp: 29044
 Ion Ratio Lower Upper
 152 100
 150 143.6 112.4 168.6
 115 63.2 44.6 66.8

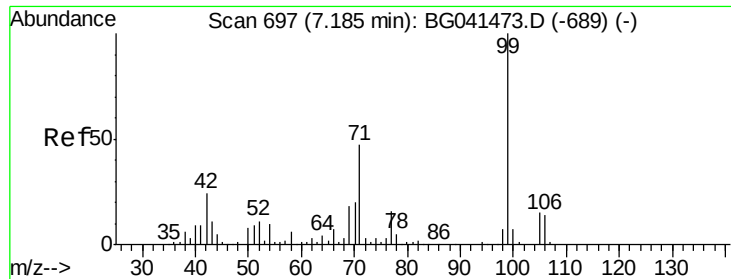


#5

2-Fluorophenol
 Concen: 56.372 ng
 RT: 5.57 min Scan# 423
 Delta R.T. 0.01 min
 Lab File: BG041549.D
 Acq: 29 Jun 2019 16:47

Tgt Ion:112 Resp: 91835
 Ion Ratio Lower Upper
 112 100
 64 66.4 55.1 82.7
 63 40.4 32.4 48.6





#7

Phenol-d6

Concen: 35.193 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041549.D

Acq: 29 Jun 2019 16:47

Instrument :

BNA_G

ClientSampled :

ERM-16R

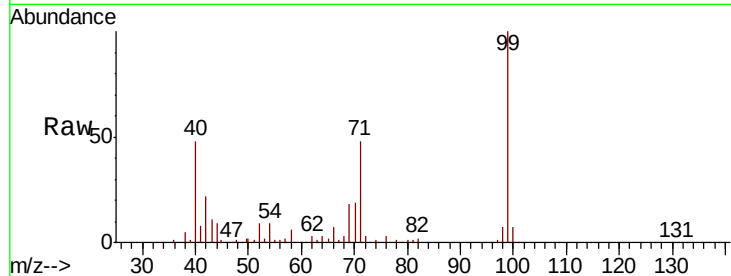
Tgt Ion: 99 Resp: 80709

Ion Ratio Lower Upper

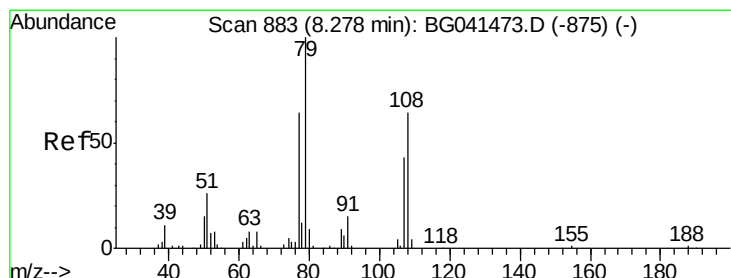
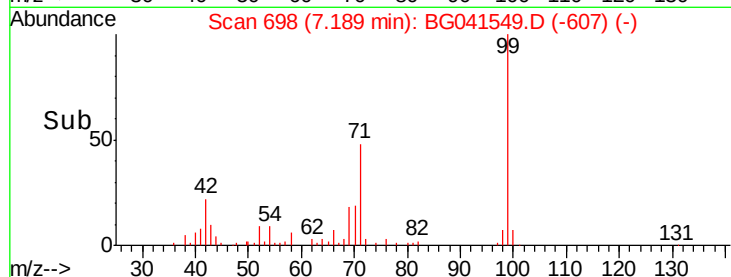
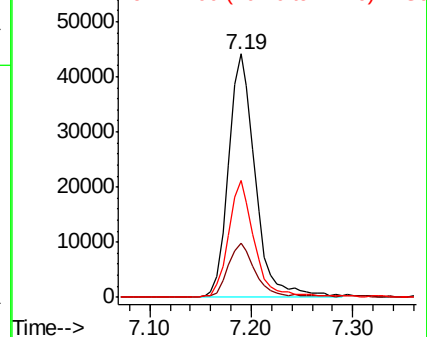
99 100

42 22.4 19.0 28.6

71 48.0 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: 2.119 ng

RT: 8.35 min Scan# 896

Delta R.T. 0.07 min

Lab File: BG041549.D

Acq: 29 Jun 2019 16:47

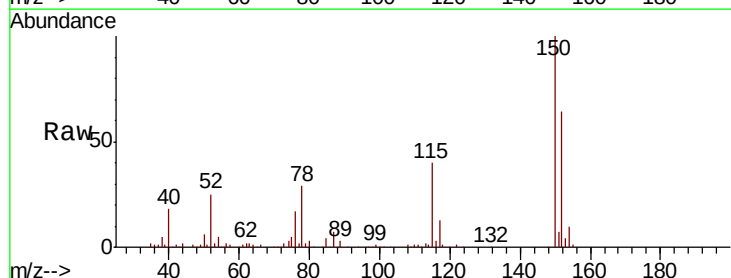
Tgt Ion: 79 Resp: 3870

Ion Ratio Lower Upper

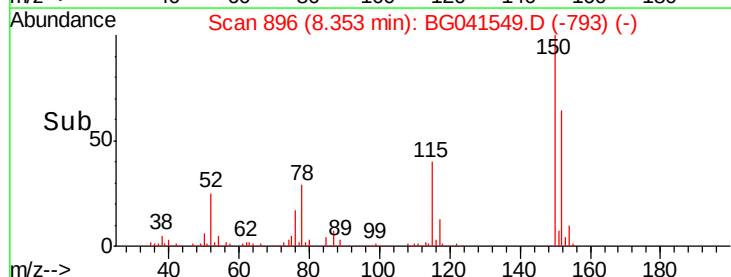
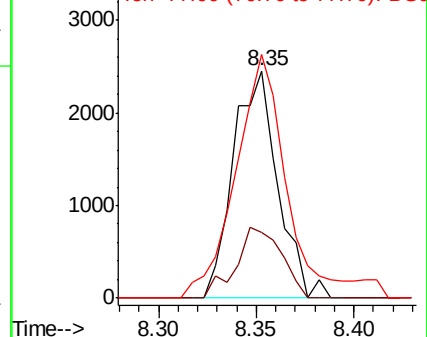
79 100

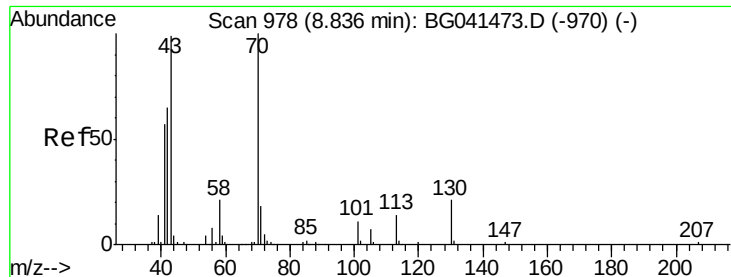
108 29.0 51.4 77.0#

77 107.1 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

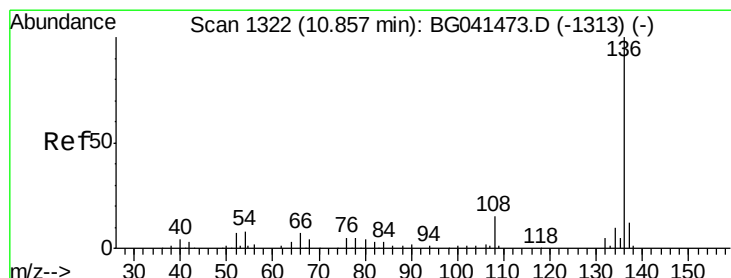
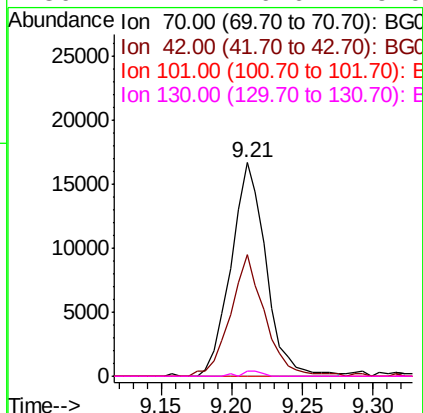
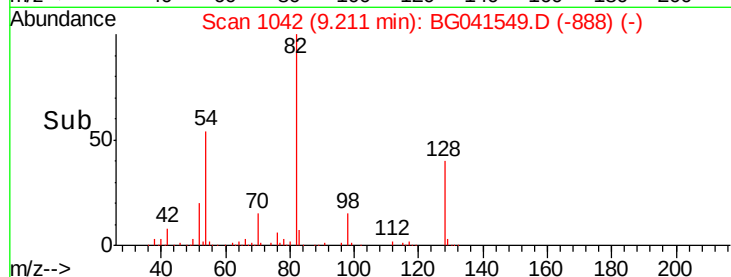
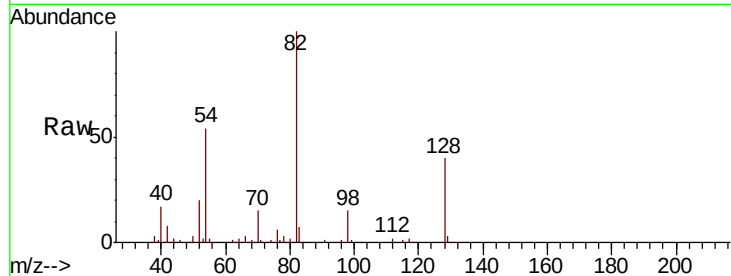




#19
n-Nitroso-di-n-propylamine
Concen: 16.850 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.37 min
Lab File: BG041549.D
Acq: 29 Jun 2019 16:47

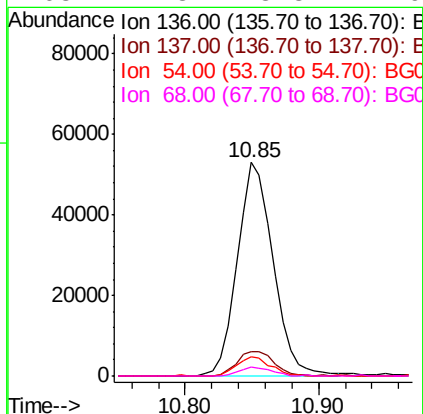
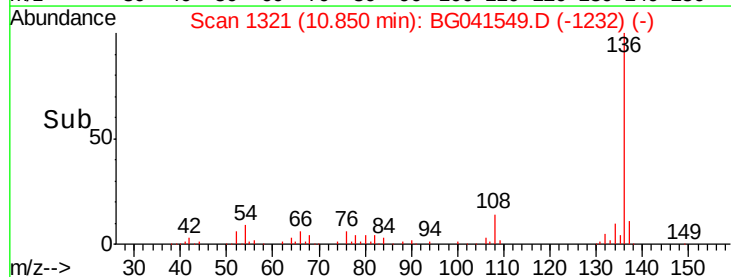
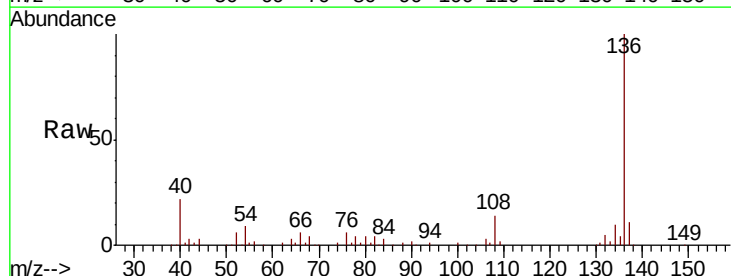
Instrument :
BNA_G
ClientSampled :
ERM-16R

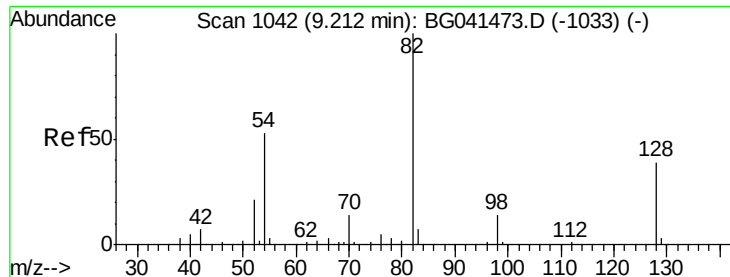
Tgt Ion: 70 Resp: 28823
Ion Ratio Lower Upper
70 100
42 56.9 52.6 78.8
101 0.0 8.6 13.0#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041549.D
Acq: 29 Jun 2019 16:47

Tgt Ion: 136 Resp: 98407
Ion Ratio Lower Upper
136 100
137 11.2 9.3 13.9
54 9.2 7.1 10.7
68 4.3 3.3 4.9

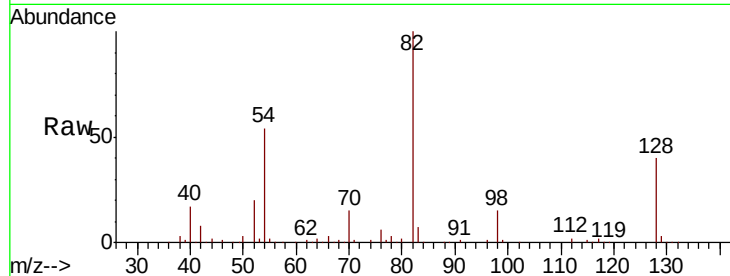




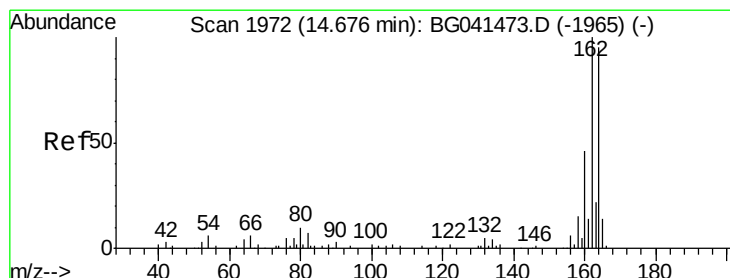
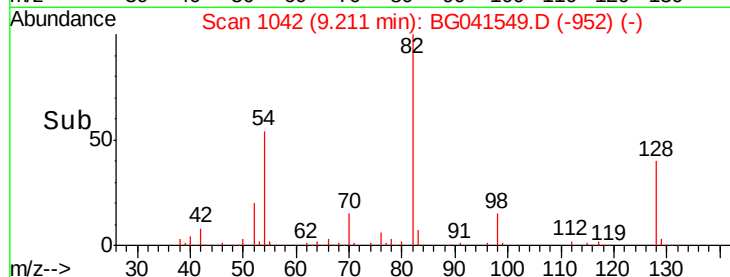
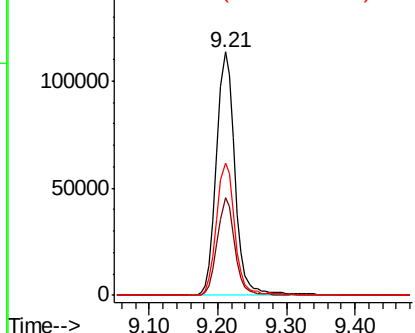
#23
Nitrobenzene-d5
Concen: 90.162 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041549.D
Acq: 29 Jun 2019 16:47

Instrument :
BNA_G
ClientSampleId :
ERM-16R

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.9	30.9	46.3
54	54.1	42.2	63.2

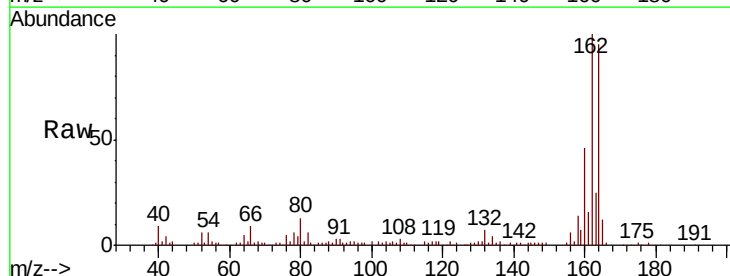


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

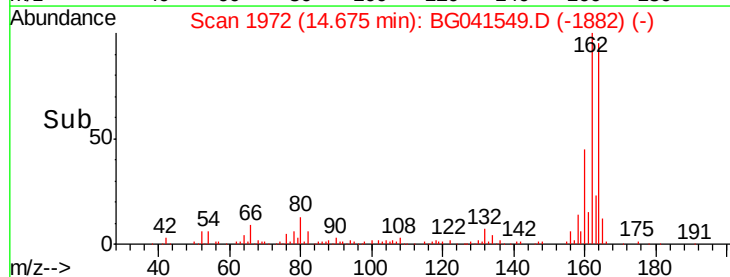
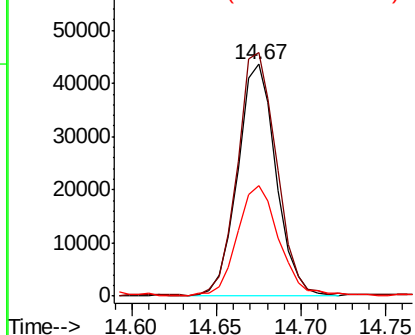


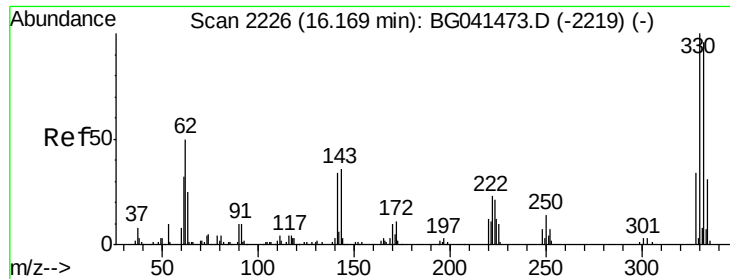
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041549.D
Acq: 29 Jun 2019 16:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	84.4	126.6
160	47.9	38.8	58.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 134.002 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG041549.D

Acq: 29 Jun 2019 16:47

Instrument :

BNA_G

ClientSampleId :

ERM-16R

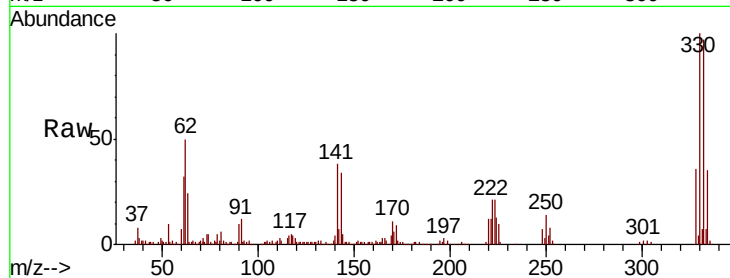
Tgt Ion:330 Resp: 157986

Ion Ratio Lower Upper

330 100

332 95.3 75.5 113.3

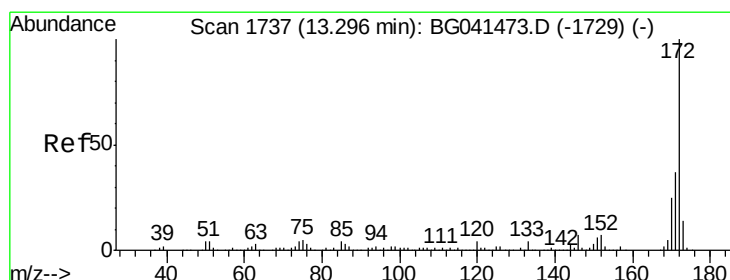
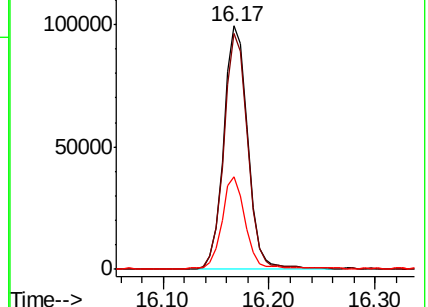
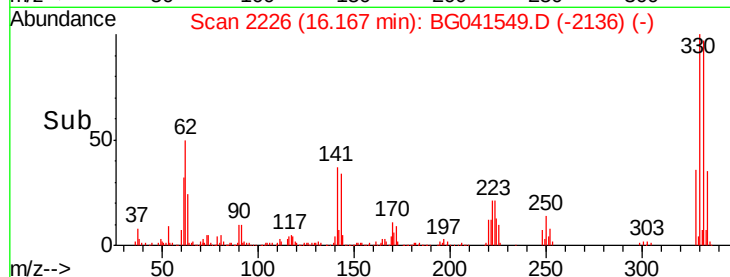
141 36.3 27.8 41.6



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: 93.660 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.00 min

Lab File: BG041549.D

Acq: 29 Jun 2019 16:47

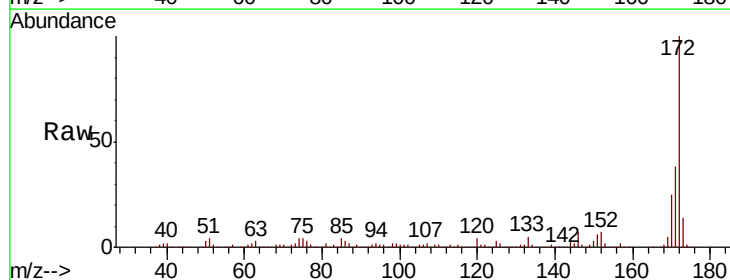
Tgt Ion:172 Resp: 503970

Ion Ratio Lower Upper

172 100

171 37.6 29.6 44.4

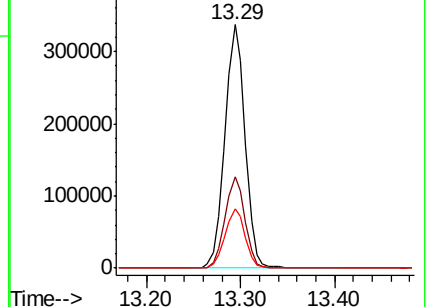
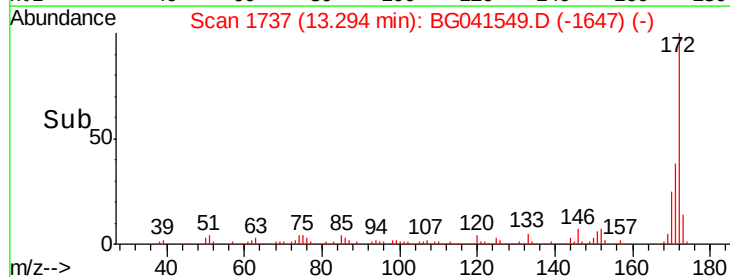
170 24.6 20.0 30.0

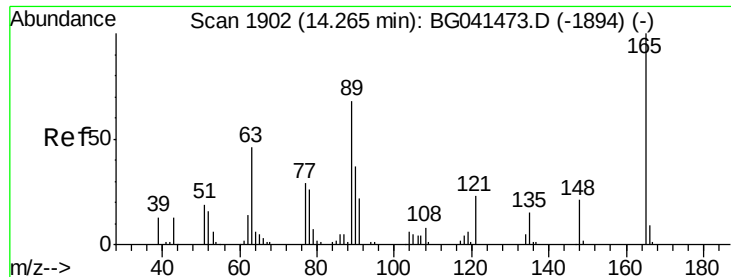


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 6.764 ng

RT: 14.67 min Scan# 1971

Delta R.T. 0.40 min

Lab File: BG041549.D

Acq: 29 Jun 2019 16:47

Instrument :

BNA_G

ClientSampleId :

ERM-16R

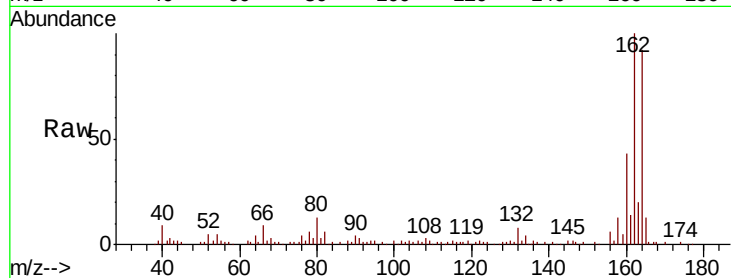
Tgt Ion:165 Resp: 9020

Ion Ratio Lower Upper

165 100

63 7.1 56.4 84.6#

89 7.0 54.6 81.8#

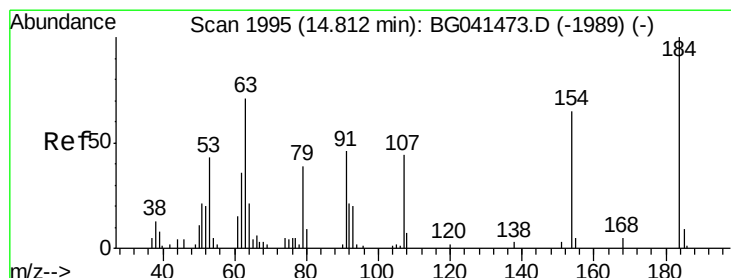
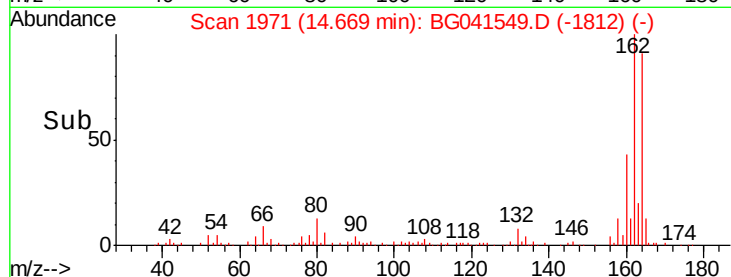
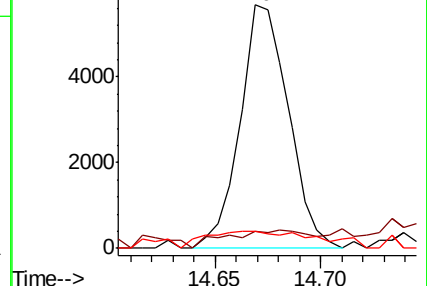


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

14.67



#54

2,4-Dinitrophenol

Concen: 8.072 ng

RT: 14.96 min Scan# 2021

Delta R.T. 0.15 min

Lab File: BG041549.D

Acq: 29 Jun 2019 16:47

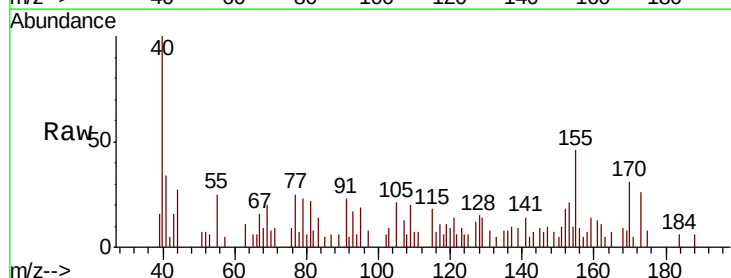
Tgt Ion:184 Resp: 116

Ion Ratio Lower Upper

184 100

63 198.9 56.5 84.7#

154 180.9 54.2 81.4#

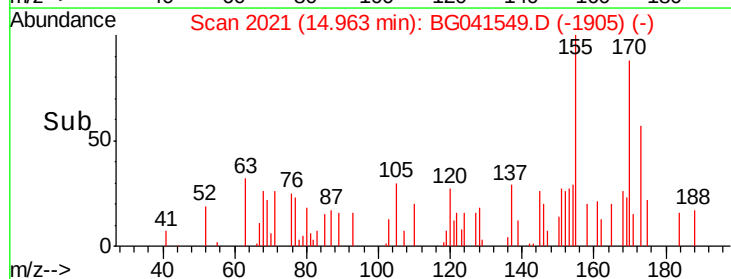
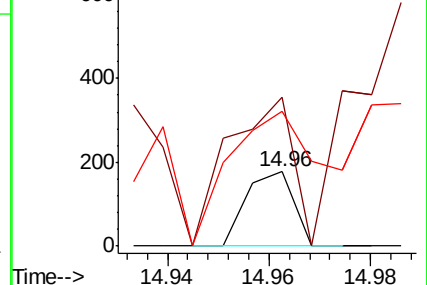


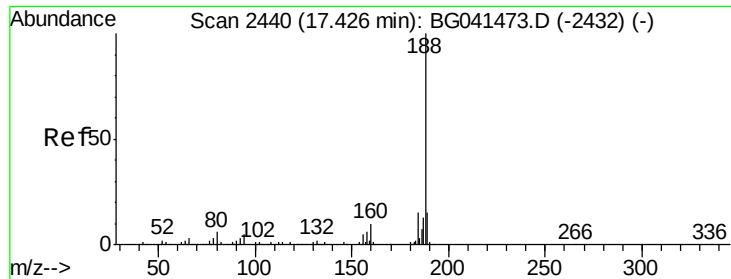
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

14.96

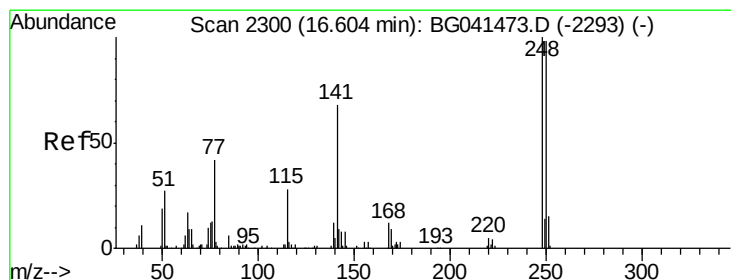
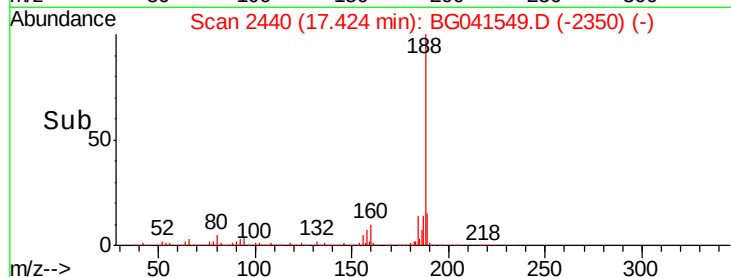
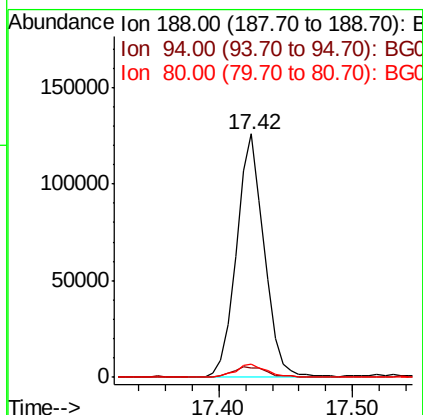
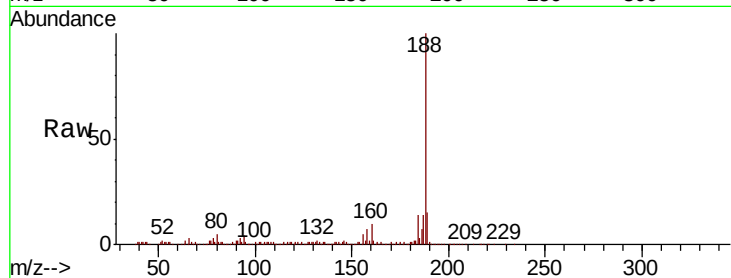




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041549.D
Acq: 29 Jun 2019 16:47

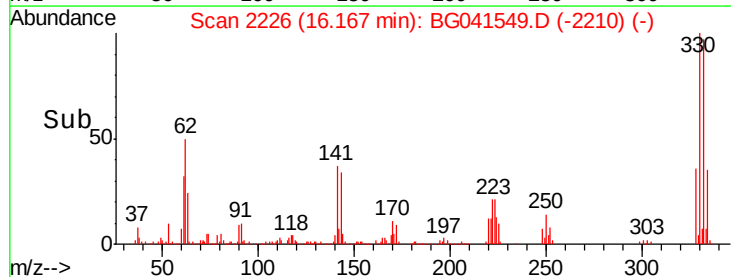
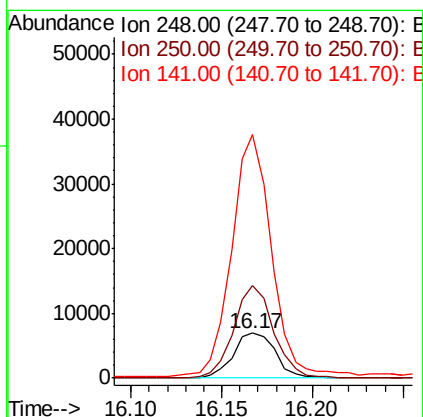
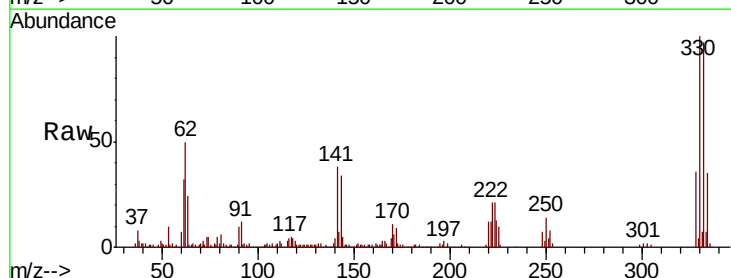
Instrument :
BNA_G
ClientSampleId :
ERM-16R

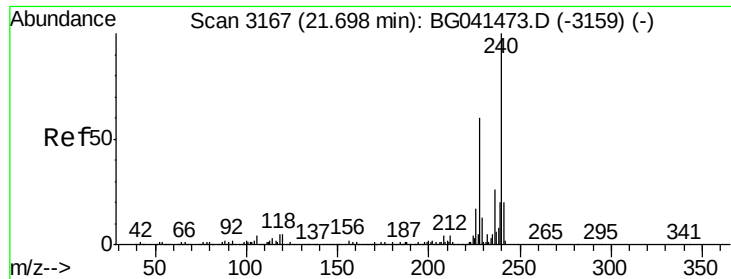
Tgt Ion:188 Resp: 180546
Ion Ratio Lower Upper
188 100
94 4.0 3.8 5.8
80 5.3 4.8 7.2



#67
4-Bromophenyl-phenylether
Concen: 4.561 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.44 min
Lab File: BG041549.D
Acq: 29 Jun 2019 16:47

Tgt Ion:248 Resp: 11252
Ion Ratio Lower Upper
248 100
250 208.9 78.1 117.1#
141 546.0 54.1 81.1#

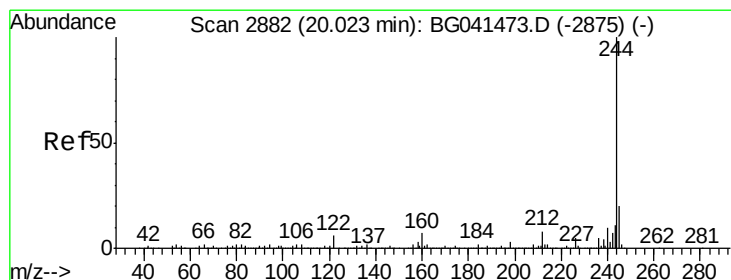
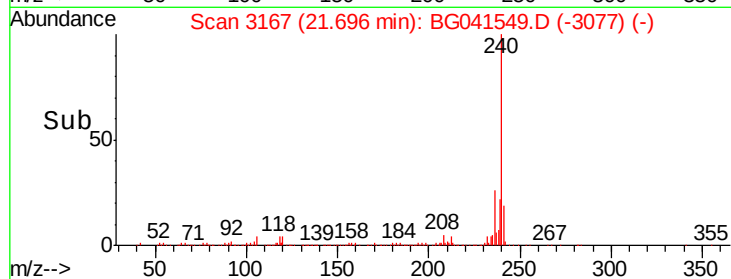
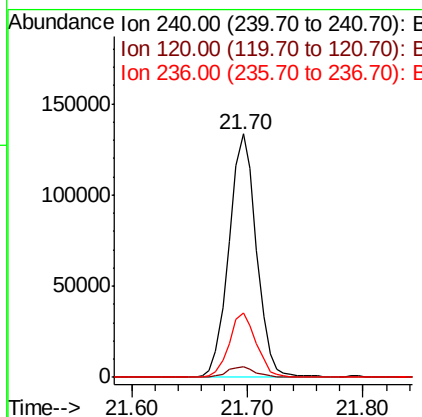
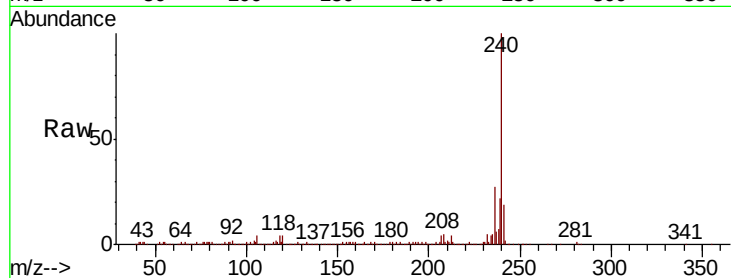




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041549.D
Acq: 29 Jun 2019 16:47

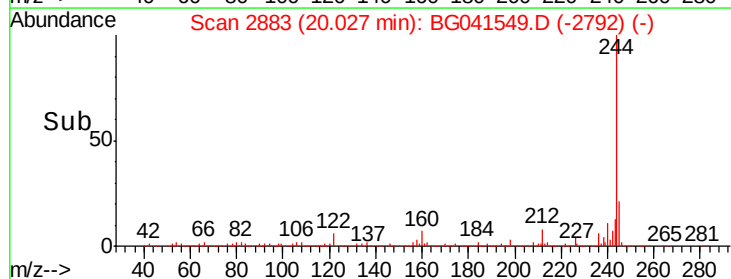
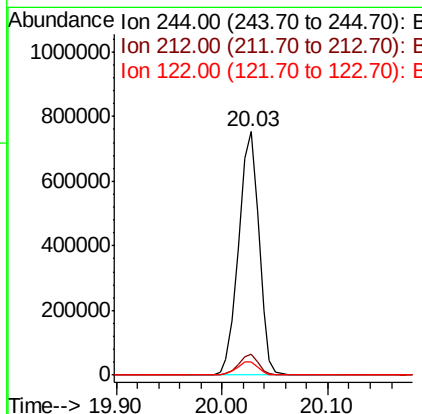
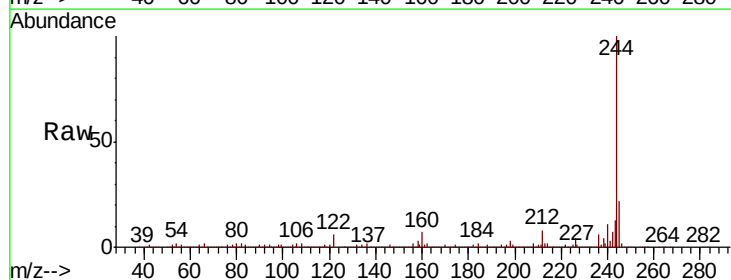
Instrument :
BNA_G
ClientSampleId :
ERM-16R

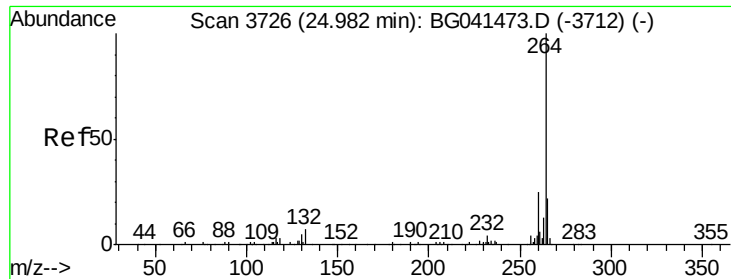
Tgt Ion:240 Resp: 220505
Ion Ratio Lower Upper
240 100
120 4.2 3.7 5.5
236 26.5 20.8 31.2



#79
Terphenyl-d14
Concen: 95.803 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BG041549.D
Acq: 29 Jun 2019 16:47

Tgt Ion:244 Resp: 994080
Ion Ratio Lower Upper
244 100
212 8.4 6.2 9.4
122 5.7 4.8 7.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG041549.D
Acq: 29 Jun 2019 16:47

Instrument :
BNA_G
ClientSampleId :
ERM-16R

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.7	29.5
265	20.4	17.4	26.2

