

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043709.D
 Acq On : 19 Nov 2019 22:10
 Operator : JU
 Sample : K5865-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 20 02:49:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

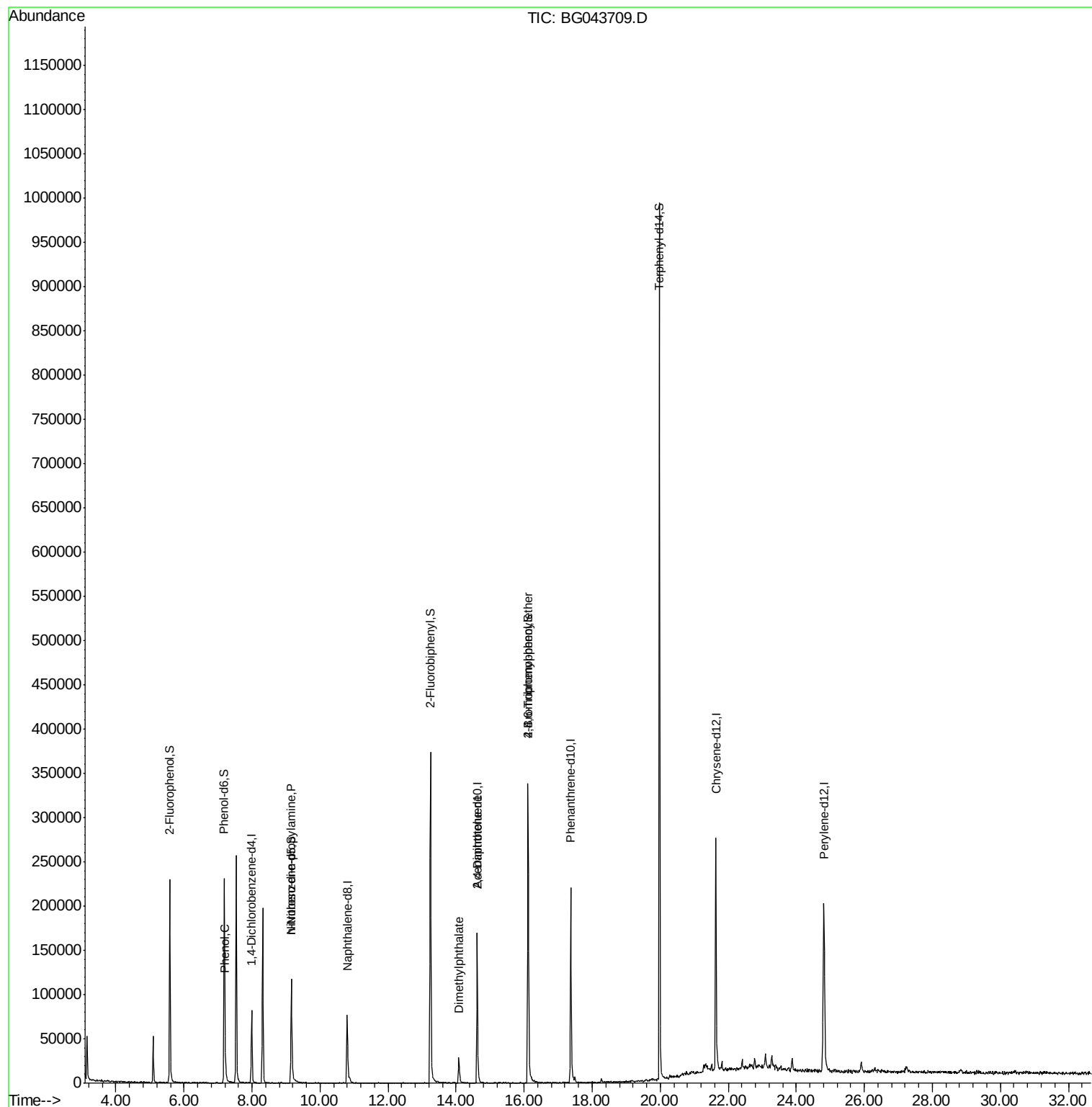
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	24697	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	87096	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	70431	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	182654	20.00	ng	0.00
76) Chrysene-d12	21.63	240	204978	20.00	ng	0.00
87) Perylene-d12	24.81	264	231573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	112292	83.32	ng	0.00
7) Phenol-d6	7.18	99	153209	79.01	ng	0.00
23) Nitrobenzene-d5	9.16	82	91422	54.12	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	94362	70.40	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	253170	49.67	ng	0.00
79) Terphenyl-d14	19.98	244	570098	52.18	ng	0.00
Target Compounds						
10) Phenol	7.21	94	9641	5.441	ng	# 58
19) n-Nitroso-di-n-propylamine	9.16	70	12670	10.112	ng	# 80
50) Dimethylphthalate	14.08	163	29812	5.465	ng	# 95
57) 2,4-Dinitrotoluene	14.62	165	8939	5.278	ng	# 25
67) 4-Bromophenyl-phenylether	16.11	248	5945	2.419	ng	# 1

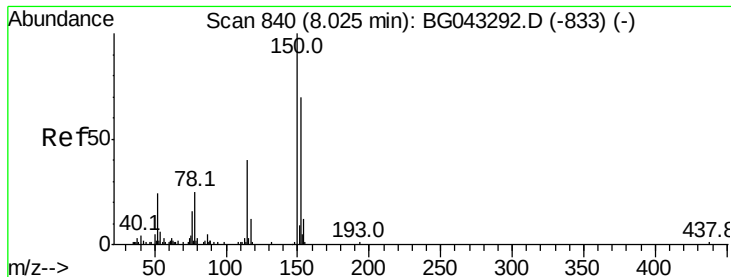
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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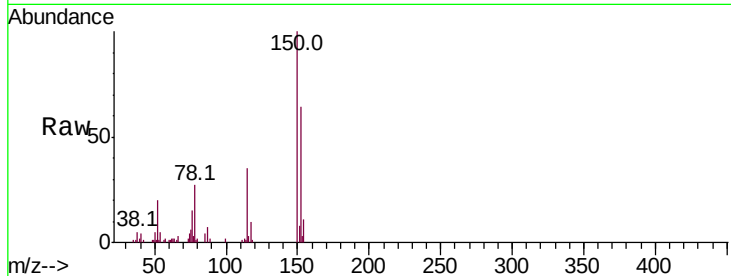


#1

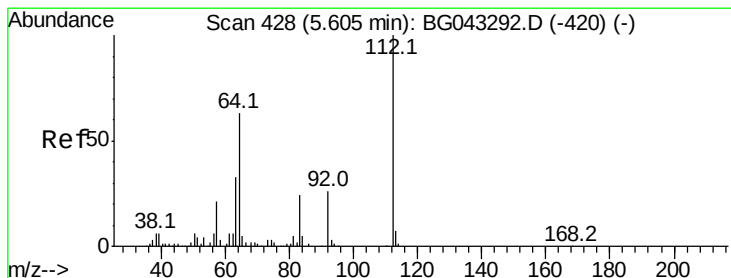
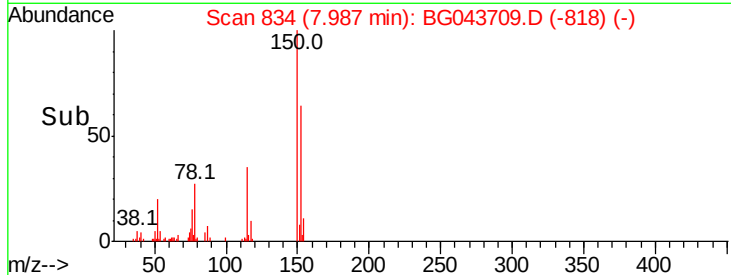
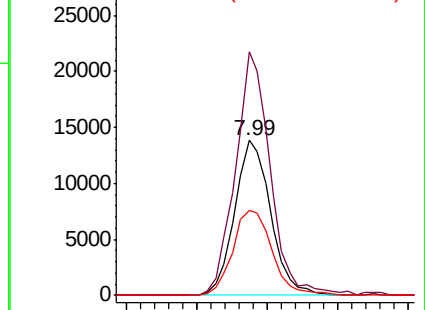
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043709.D
Acq: 19 Nov 2019 22:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 24697
Ion Ratio Lower Upper
152 100
150 156.9 116.6 175.0
115 54.9 40.5 60.7



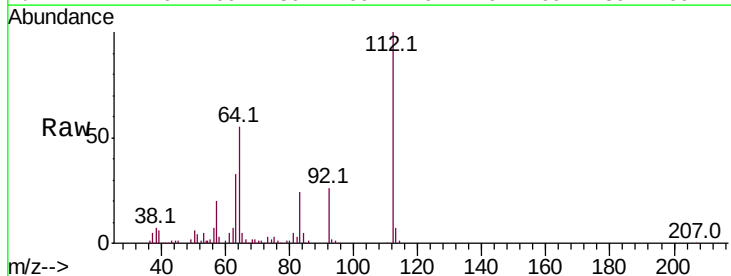
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



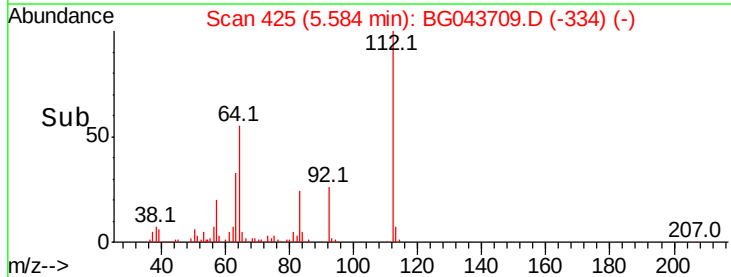
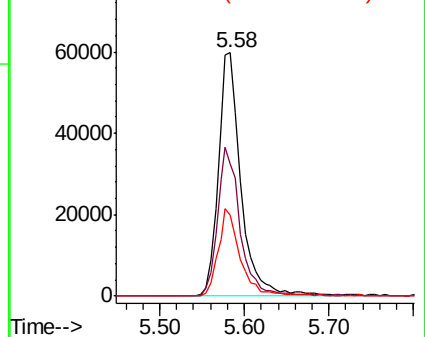
#5

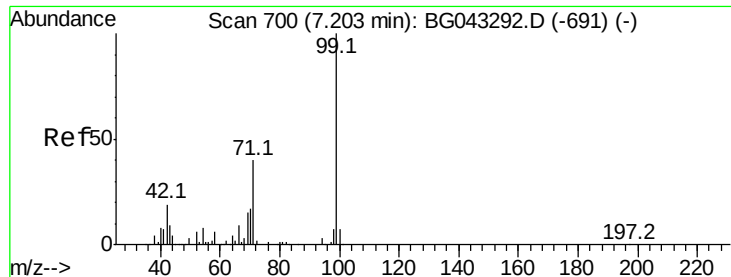
2-Fluorophenol
Concen: 83.317 ng
RT: 5.58 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG043709.D
Acq: 19 Nov 2019 22:10

Tgt Ion:112 Resp: 112292
Ion Ratio Lower Upper
112 100
64 54.6 50.6 75.8
63 33.2 30.5 45.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 79.010 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG043709.D

Acq: 19 Nov 2019 22:10

Instrument :

BNA_G

ClientSampled :

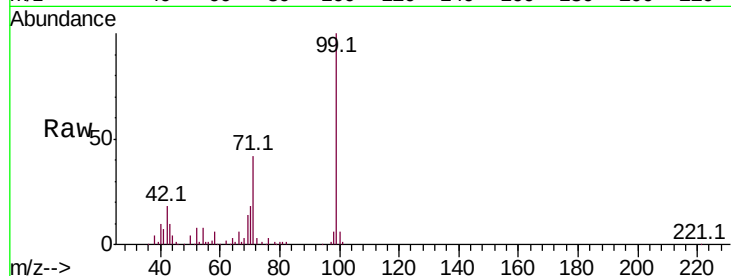
Tot Ion: 99 Resp: 153209

Ion Ratio Lower Upper

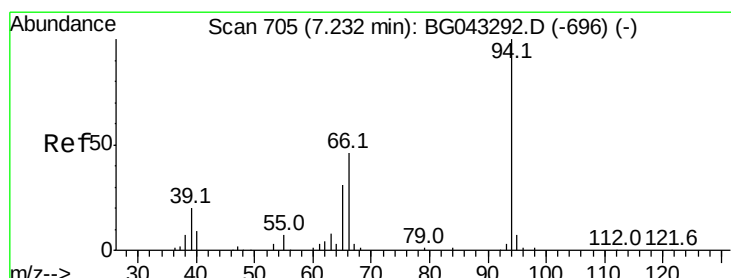
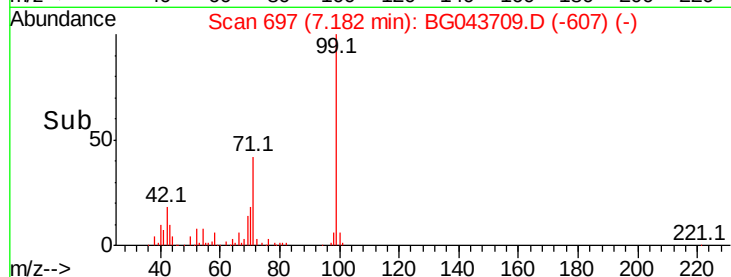
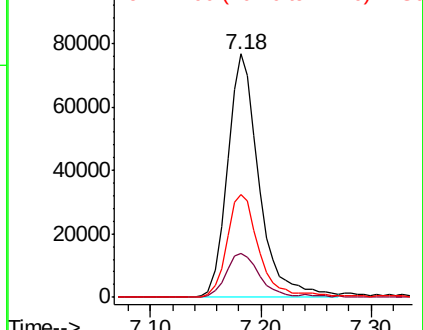
99 100

42 18.3 15.8 23.8

71 42.2 34.4 51.6



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: 5.441 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG043709.D

Acq: 19 Nov 2019 22:10

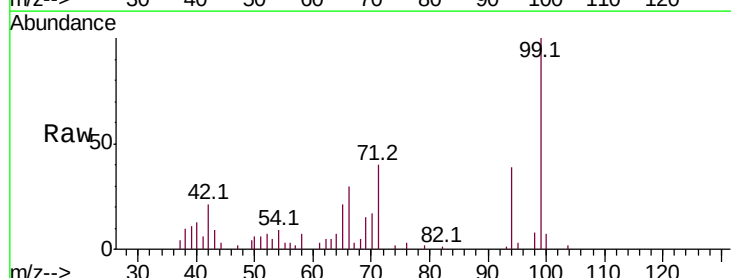
Tgt Ion: 94 Resp: 9641

Ion Ratio Lower Upper

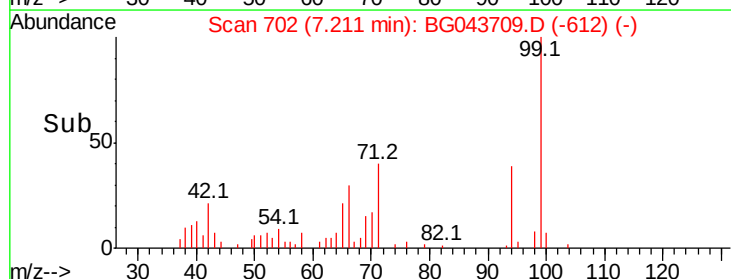
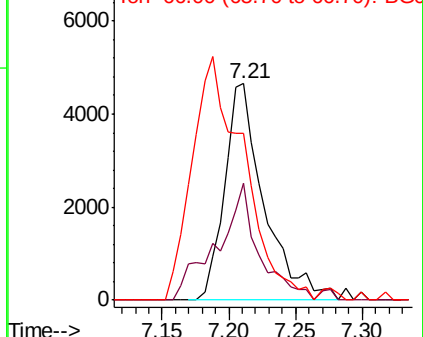
94 100

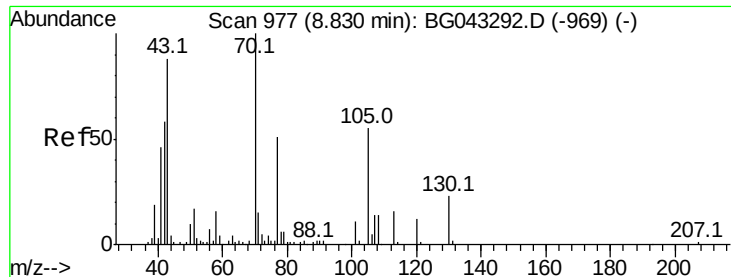
65 54.1 11.4 51.4#

66 76.9 28.4 68.4#



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

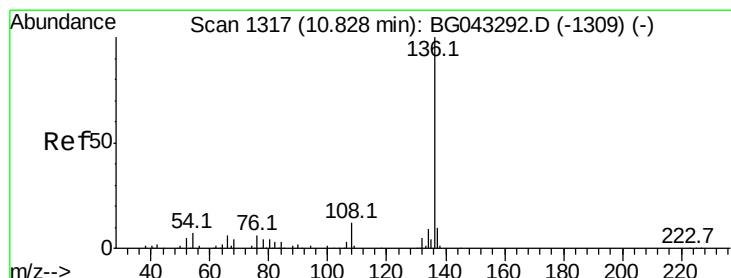
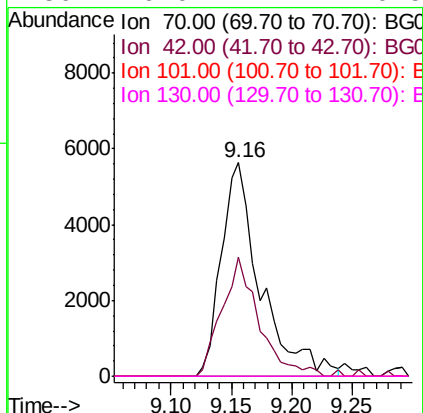
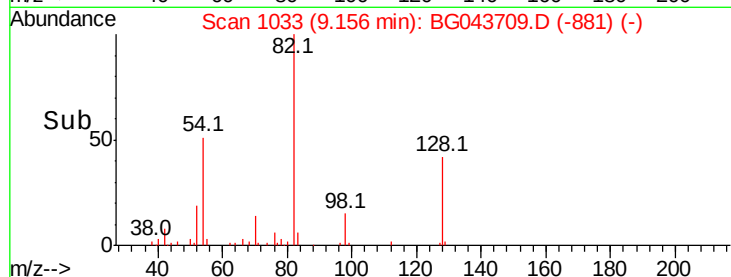
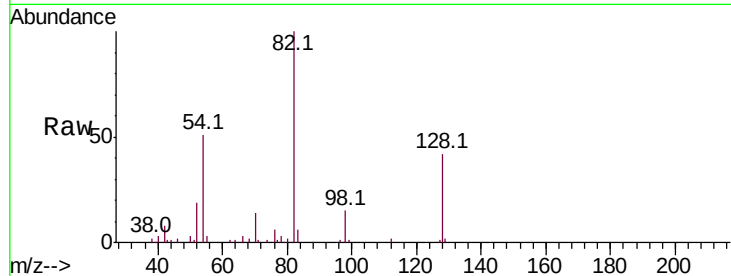




#19
n-Nitroso-di-n-propylamine
Concen: 10.112 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.36 min
Lab File: BG043709.D
Acq: 19 Nov 2019 22:10

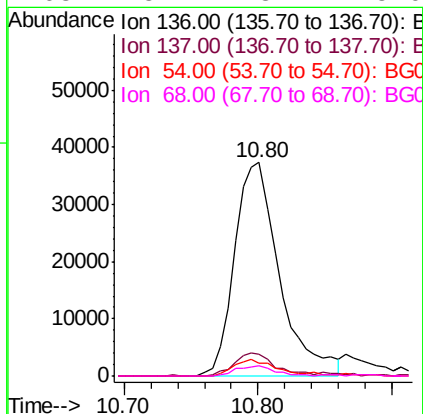
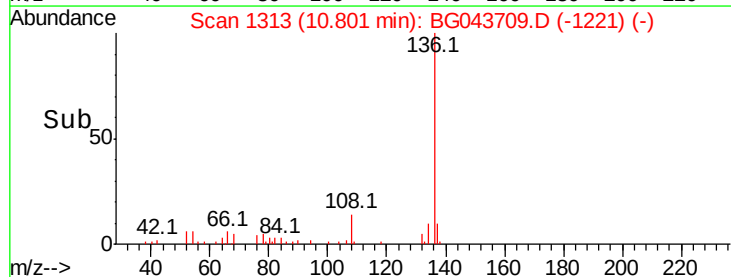
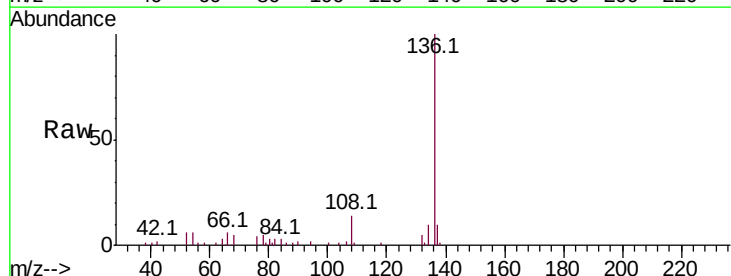
Instrument :
BNA_G
ClientSampleId :

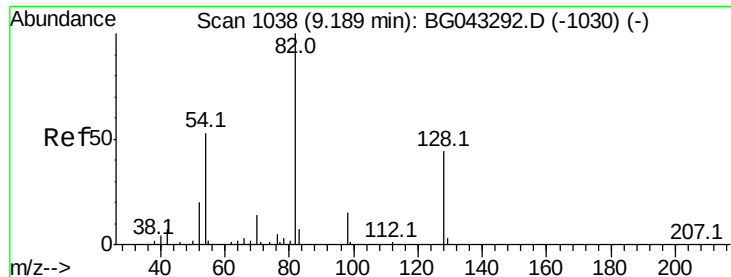
Tot Ion: 70 Resp: 12670
Ion Ratio Lower Upper
70 100
42 55.8 49.7 74.5
101 0.0 9.7 14.5#
130 0.0 17.7 26.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BG043709.D
Acq: 19 Nov 2019 22:10

Tgt Ion: 136 Resp: 87096
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 6.2 6.2 9.2
68 5.1 3.4 5.0#

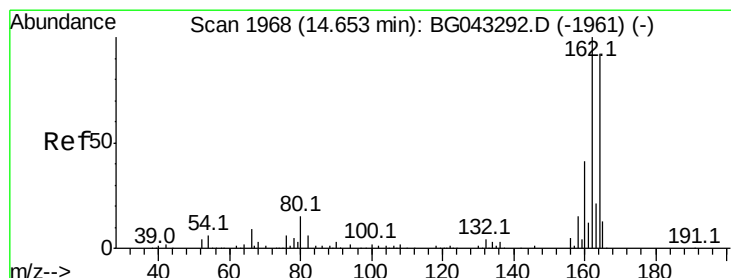
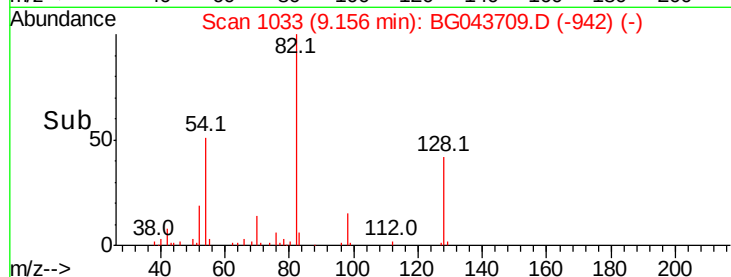
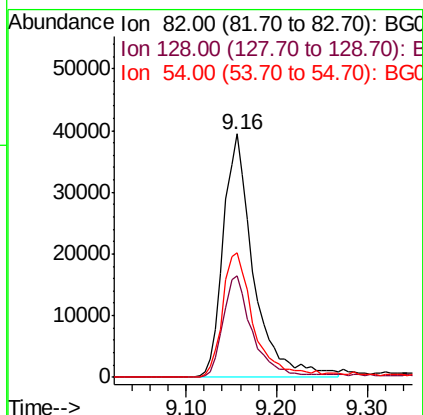
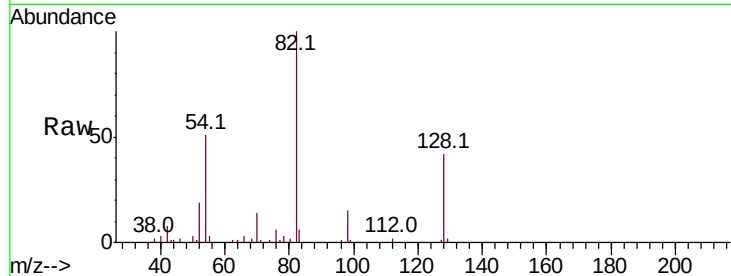




#23
Nitrobenzene-d5
Concen: 54.115 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG043709.D
Acq: 19 Nov 2019 22:10

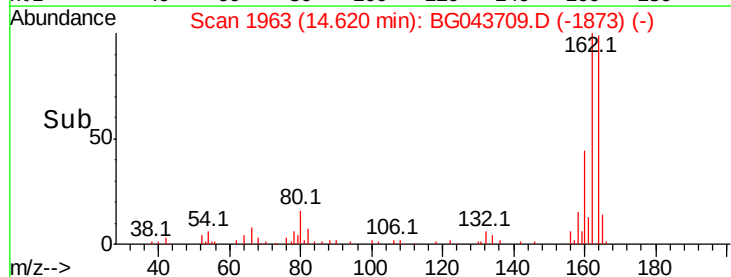
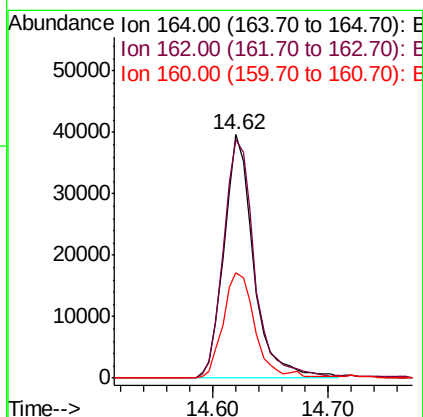
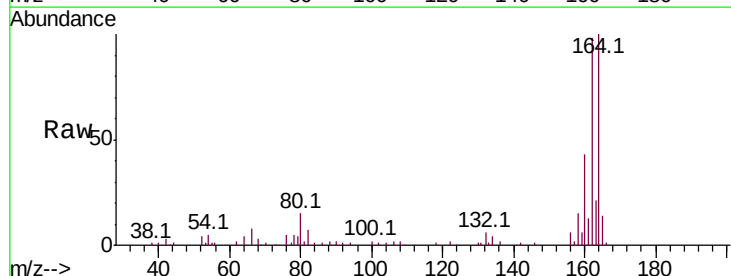
Instrument :
BNA_G
ClientSampled :

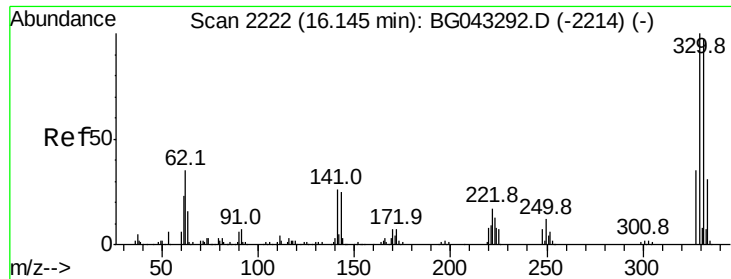
Tot Ion: 82 Resp: 91422
Ion Ratio Lower Upper
82 100
128 41.6 34.2 51.4
54 51.0 44.7 67.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG043709.D
Acq: 19 Nov 2019 22:10

Tgt Ion:164 Resp: 70431
Ion Ratio Lower Upper
164 100
162 97.9 79.4 119.2
160 43.5 36.3 54.5

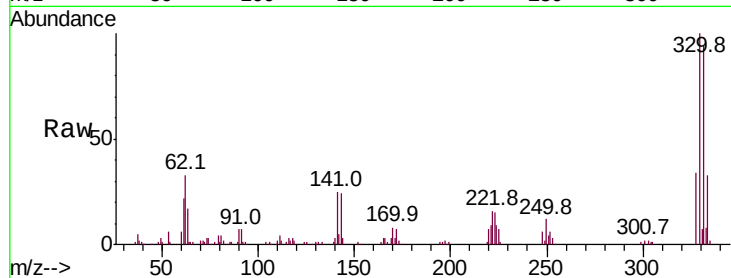




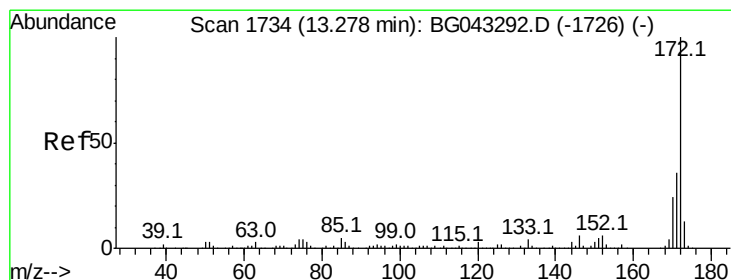
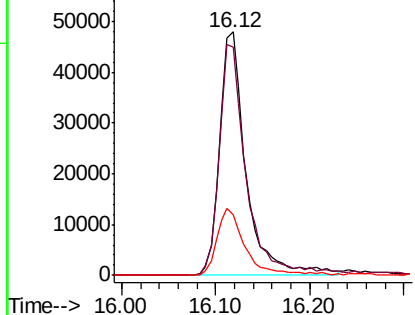
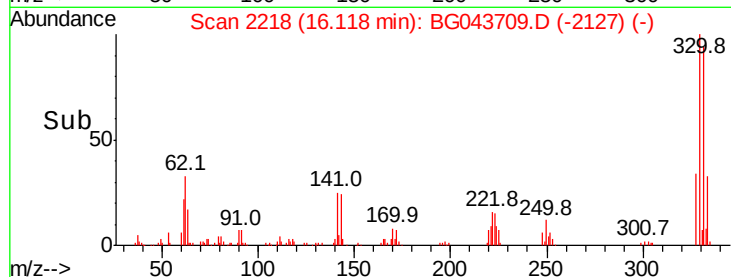
#42
 2,4,6-Tribromophenol
 Concen: 70.403 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: BG043709.D
 Acq: 19 Nov 2019 22:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 94362
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 29.3 23.4 35.2

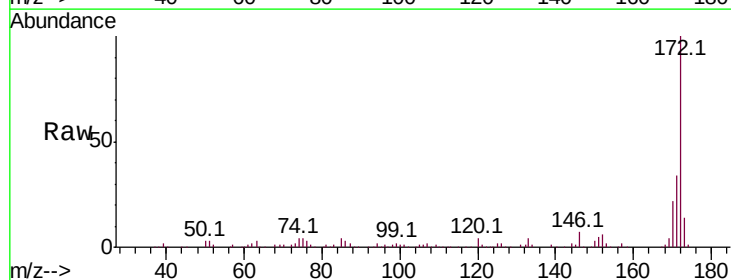


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

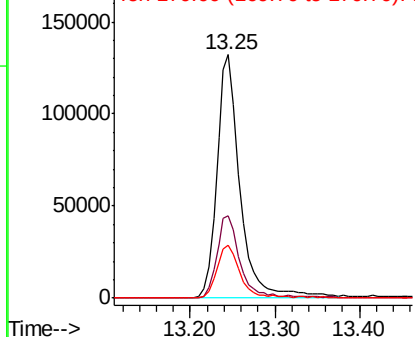
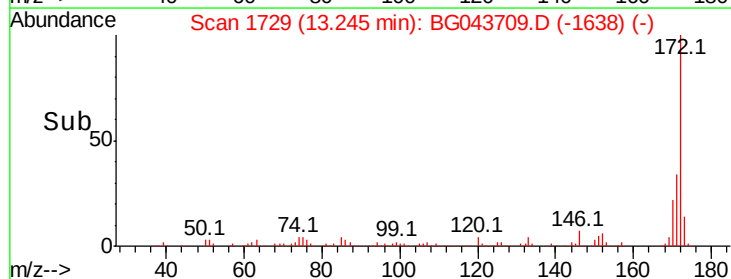


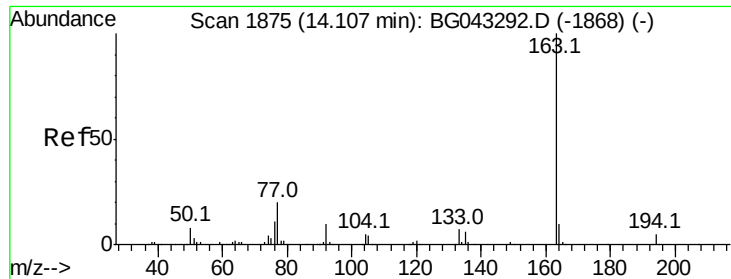
#45
 2-Fluorobiphenyl
 Concen: 49.670 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG043709.D
 Acq: 19 Nov 2019 22:10

Tgt Ion:172 Resp: 253170
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.1 42.1
 170 21.8 18.8 28.2



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: 5.465 ng

RT: 14.08 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BG043709.D

Acq: 19 Nov 2019 22:10

Instrument :

BNA_G

ClientSampleId :

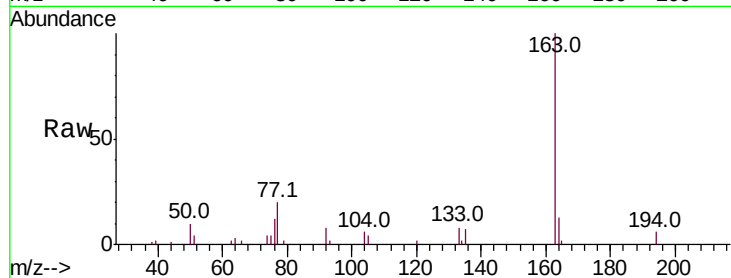
Tot Ion:163 Resp: 29812

Ion Ratio Lower Upper

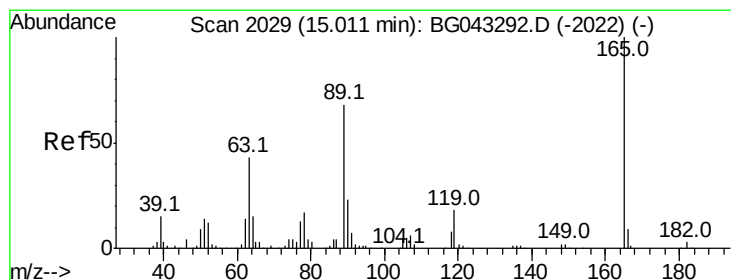
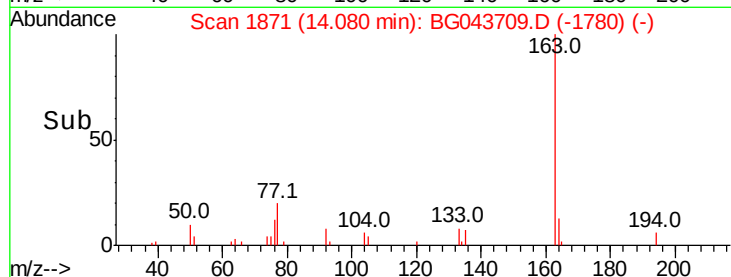
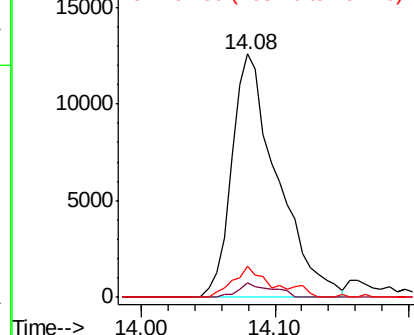
163 100

194 6.0 3.8 5.8#

164 12.7 8.5 12.7



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: 5.278 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.37 min

Lab File: BG043709.D

Acq: 19 Nov 2019 22:10

Tgt Ion:165 Resp: 8939

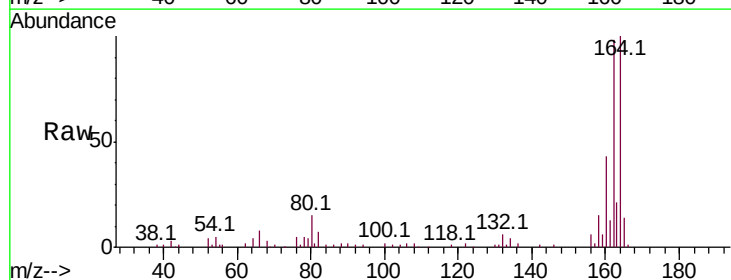
Ion Ratio Lower Upper

165 100

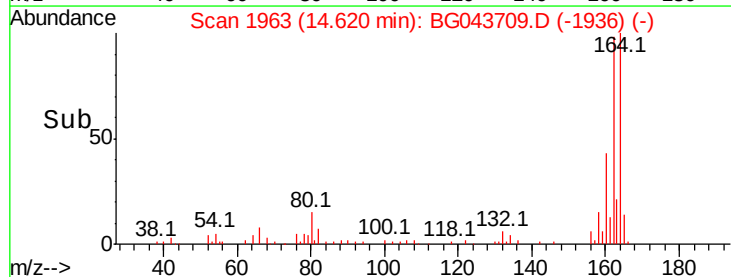
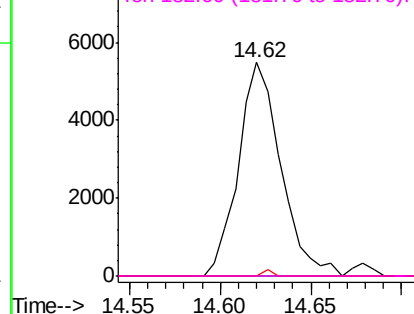
63 0.0 37.4 56.0#

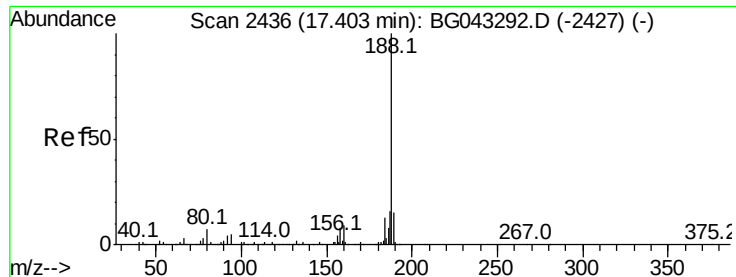
89 0.0 50.9 76.3#

182 0.0 2.3 3.5#



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: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG043709.D

Acq: 19 Nov 2019 22:10

Instrument :

BNA_G

ClientSampleId :

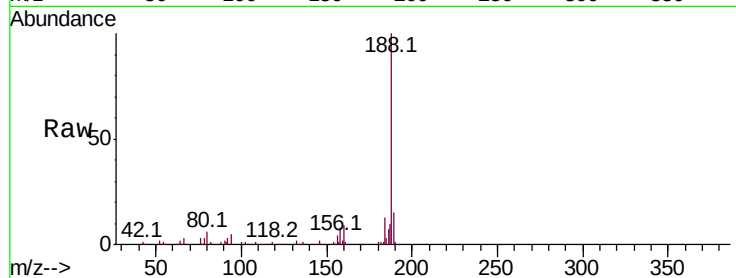
Tot Ion:188 Resp: 182654

Ion Ratio Lower Upper

188 100

94 5.0 4.6 7.0

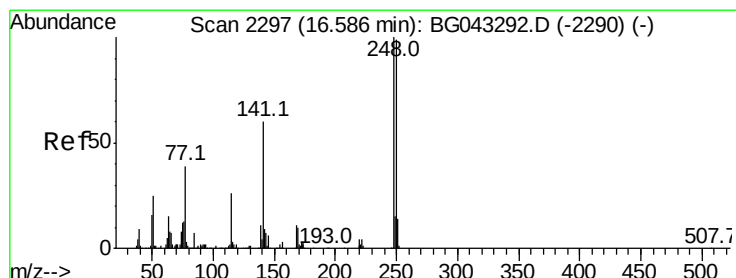
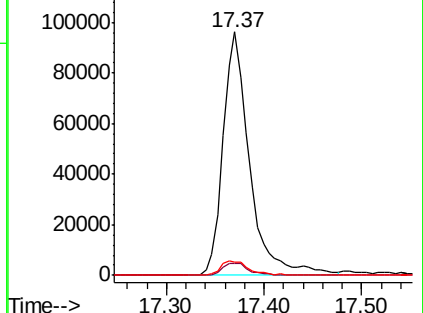
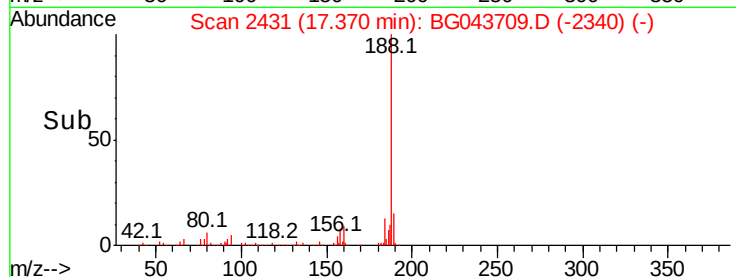
80 5.5 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#67

4-Bromophenyl-phenylether

Concen: 2.419 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.44 min

Lab File: BG043709.D

Acq: 19 Nov 2019 22:10

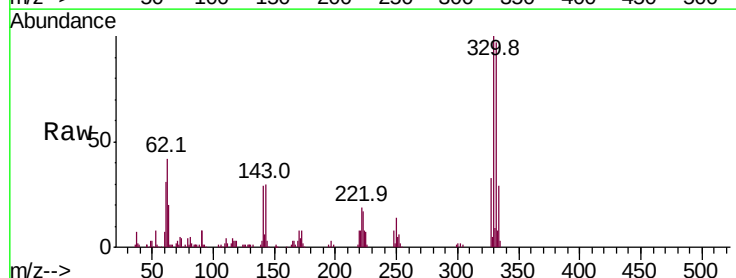
Tgt Ion:248 Resp: 5945

Ion Ratio Lower Upper

248 100

250 181.2 76.3 114.5#

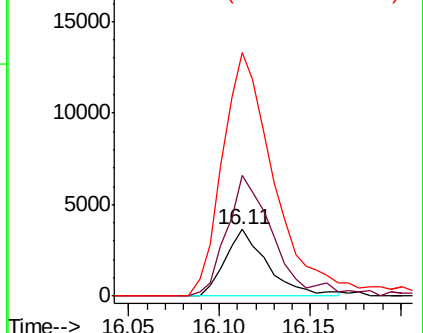
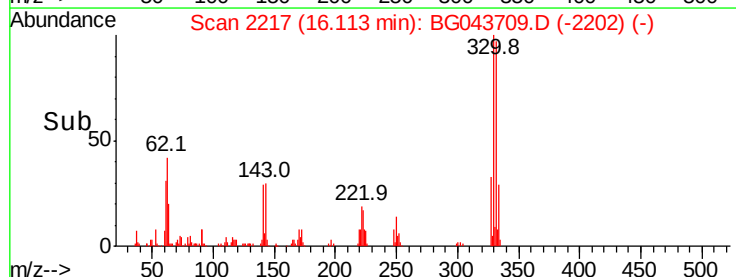
141 365.5 49.5 74.3#

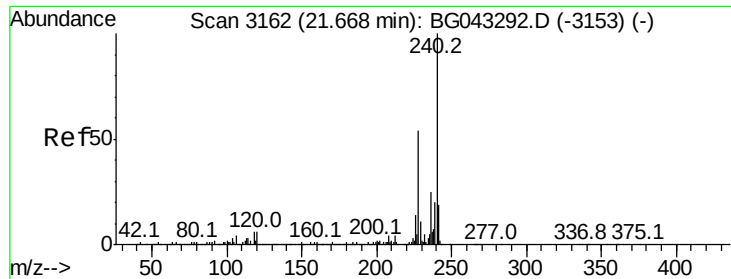


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

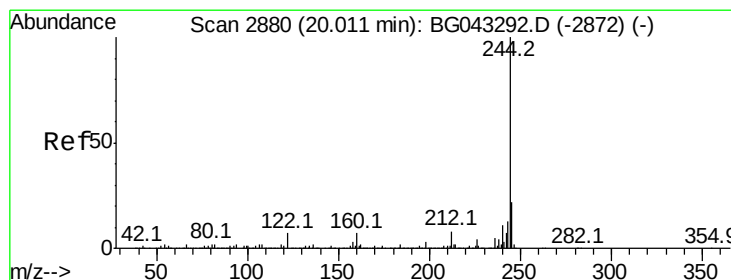
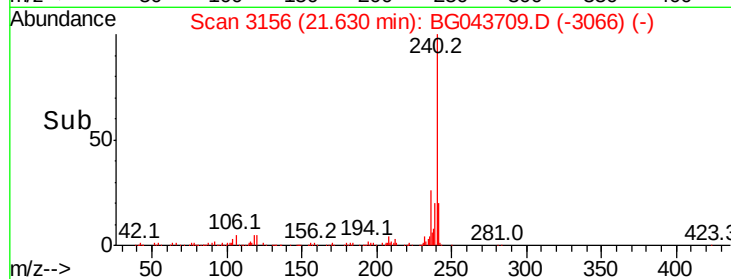
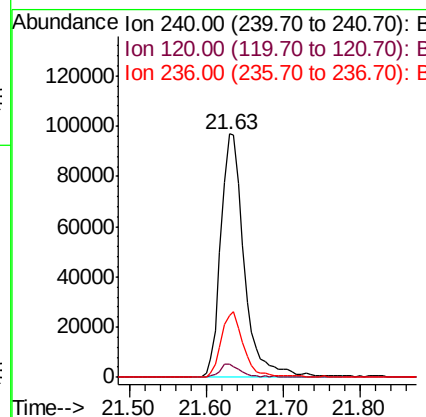
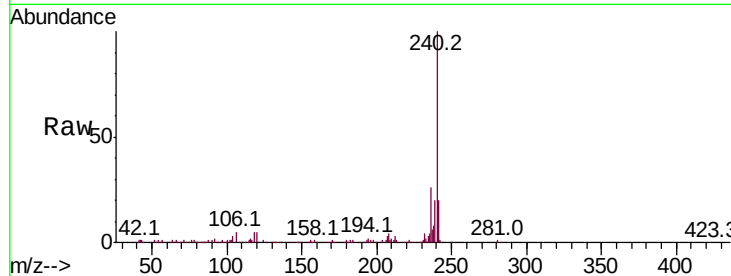




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: BG043709.D
 Acq: 19 Nov 2019 22:10

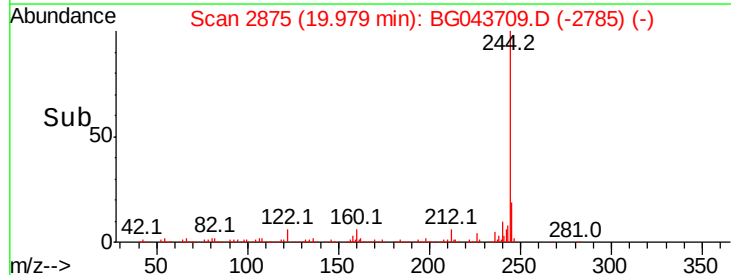
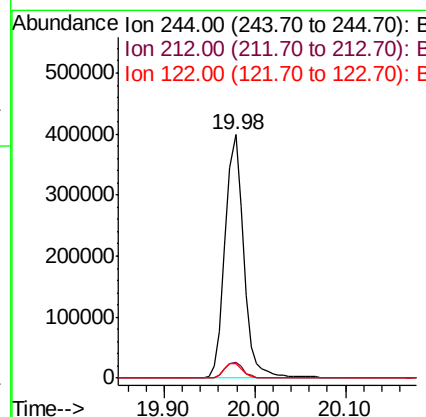
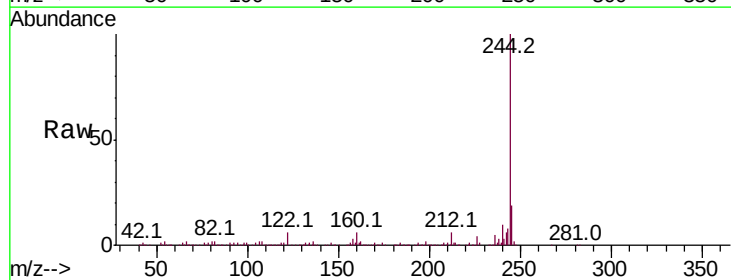
Instrument :
 BNA_G
 ClientSampleId :

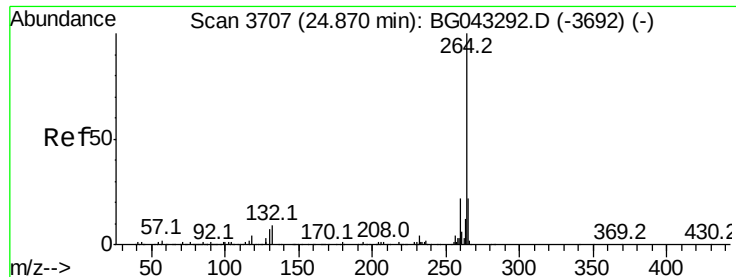
Tot Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.9	7.3
236	25.6	21.4	32.0



#79
 Terphenyl-d14
 Concen: 52.178 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.00 min
 Lab File: BG043709.D
 Acq: 19 Nov 2019 22:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.6	8.4
122	5.8	5.2	7.8





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.81 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: BG043709.D
 Acq: 19 Nov 2019 22:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.2	18.4	27.6
265	21.4	15.8	23.8

