

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
 Data File : BG043355.D
 Acq On : 28 Oct 2019 18:18
 Operator : JU
 Sample : PB124295BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 29 13:18:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

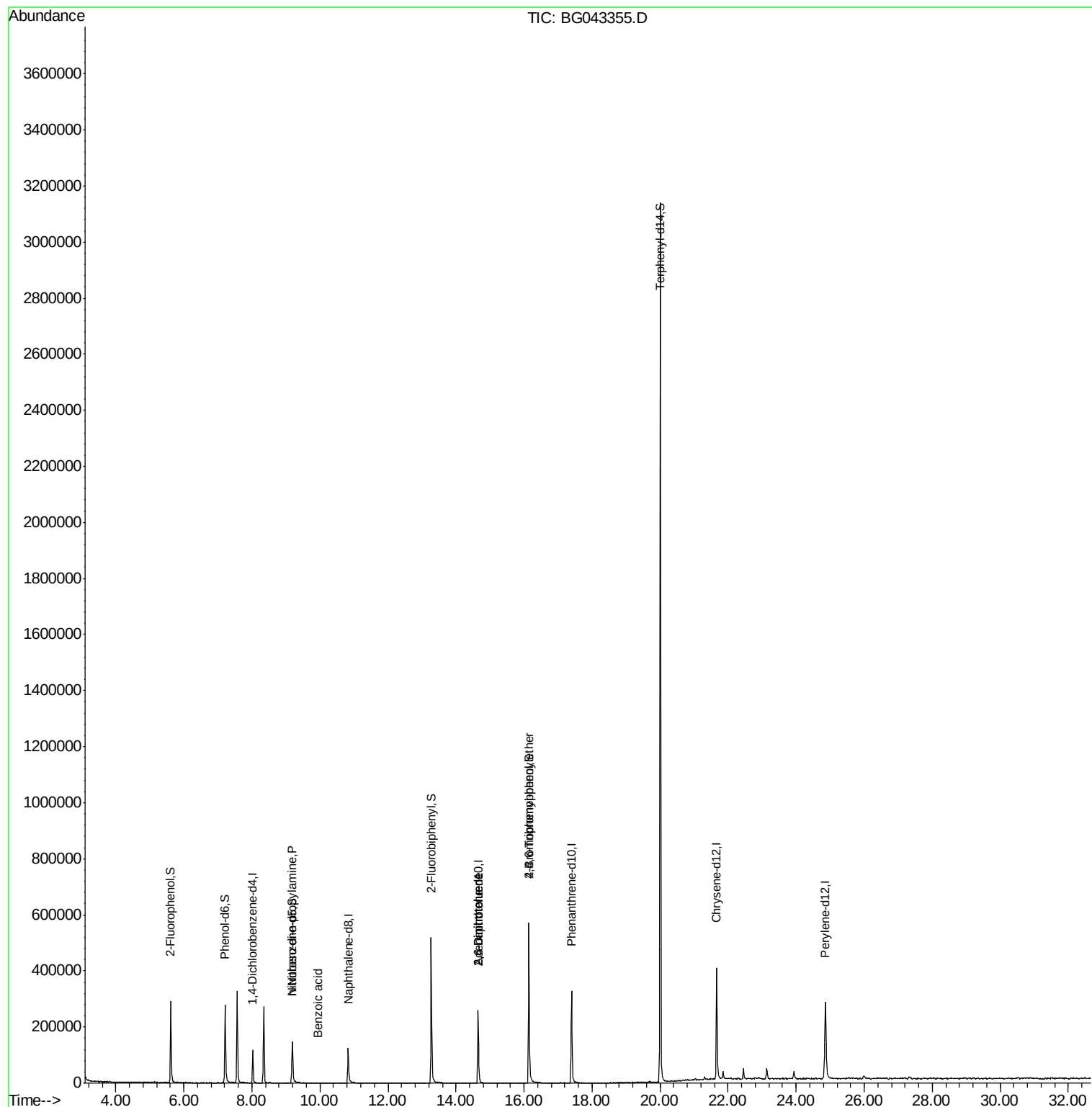
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	38572	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	130873	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	108505	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	260316	20.00	ng	0.00
76) Chrysene-d12	21.66	240	294162	20.00	ng	0.00
87) Perylene-d12	24.86	264	342705	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	145744	69.24	ng	0.01
7) Phenol-d6	7.22	99	196067	64.74	ng	0.01
23) Nitrobenzene-d5	9.19	82	119403	47.04	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	158871	76.94	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	341083	43.44	ng	0.00
79) Terphenyl-d14	20.01	244	1629102	103.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	16307	8.333	ng	# 76
32) Benzoic acid	9.93	122	53	9.082	ng	# 1
51) 2,6-Dinitrotoluene	14.65	165	13554	7.423	ng	# 23
57) 2,4-Dinitrotoluene	14.65	165	13554	5.194	ng	# 24
67) 4-Bromophenyl-phenylether	16.14	248	9623	2.747	ng	# 1

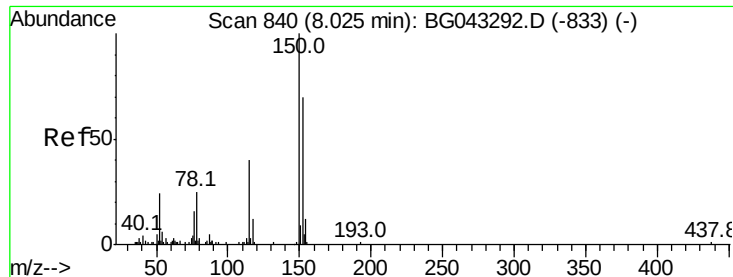
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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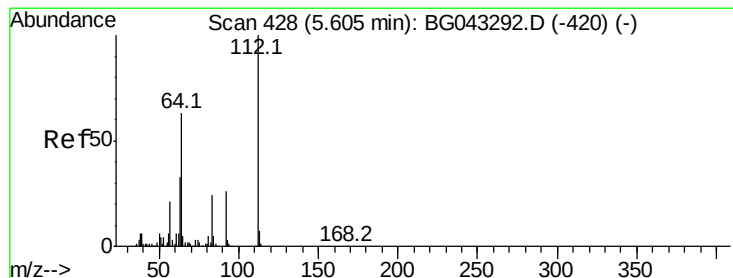
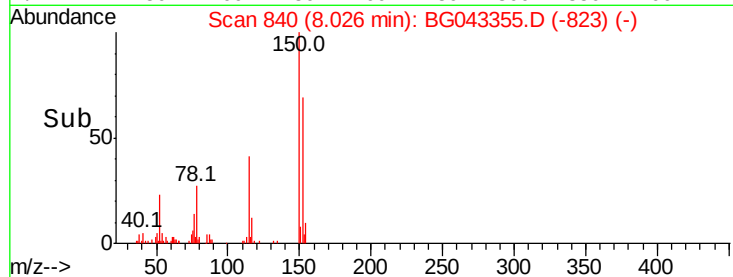
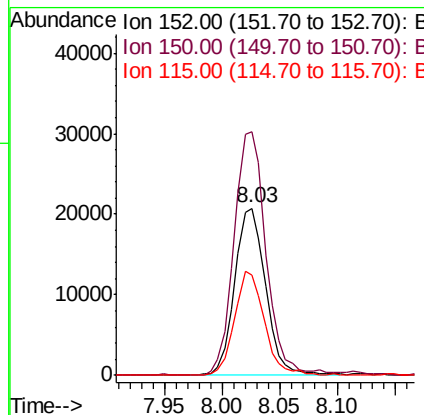
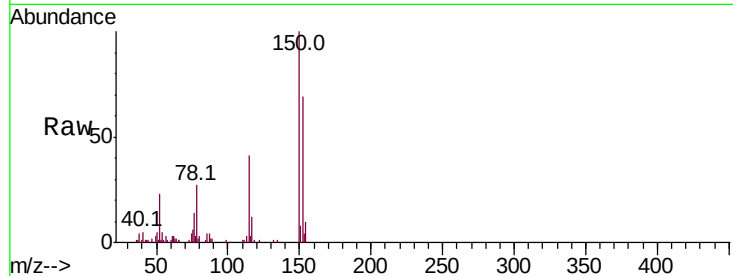


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG043355.D
Acq: 28 Oct 2019 18:18

Instrument :
BNA_G
ClientSampleId :

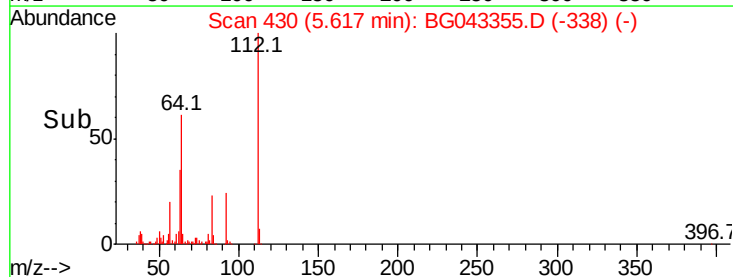
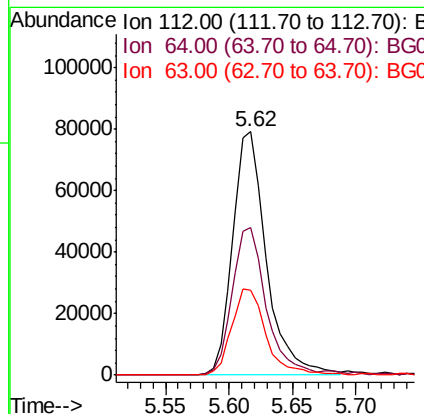
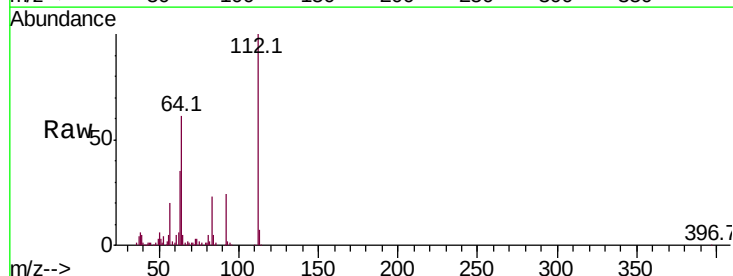
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.8	113.6	170.4
115	59.7	45.9	68.9

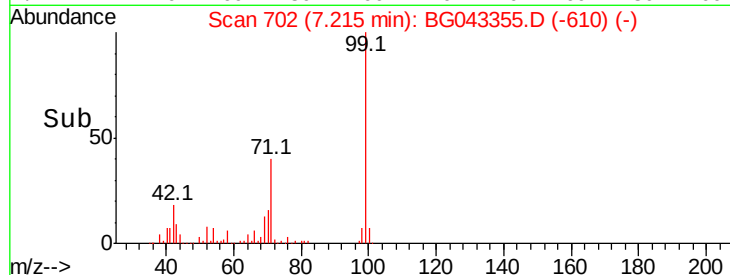
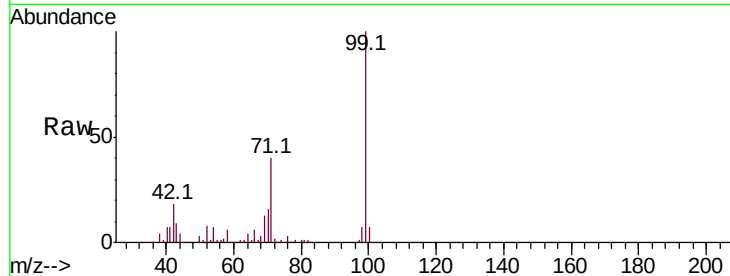
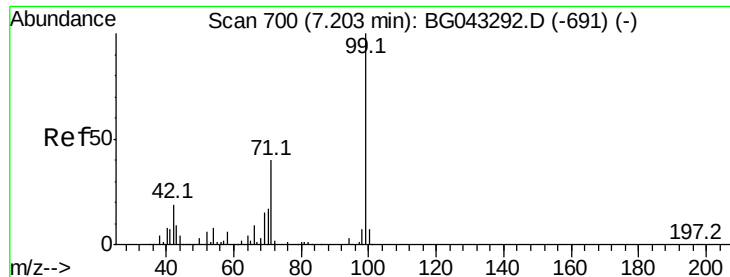


#5

2-Fluorophenol
Concen: 69.239 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043355.D
Acq: 28 Oct 2019 18:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	50.2	75.2
63	34.7	26.7	40.1





#7

Phenol-d6

Concen: 64.740 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043355.D

Acq: 28 Oct 2019 18:18

Instrument :

BNA_G

ClientSampleId :

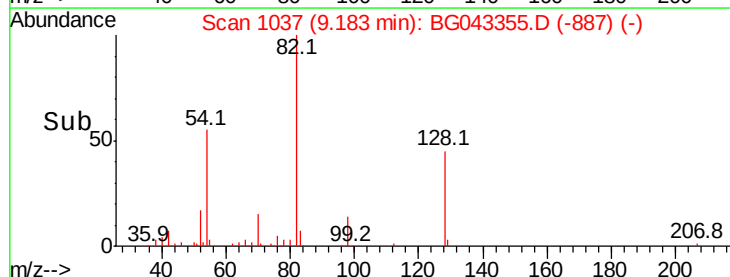
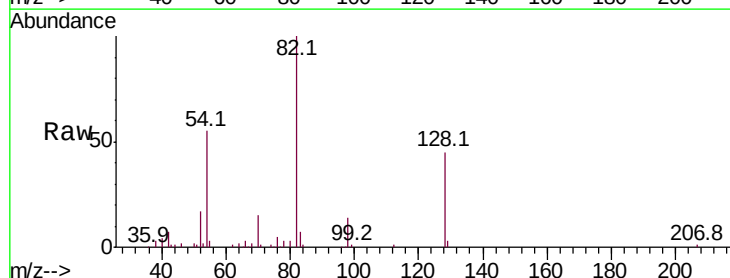
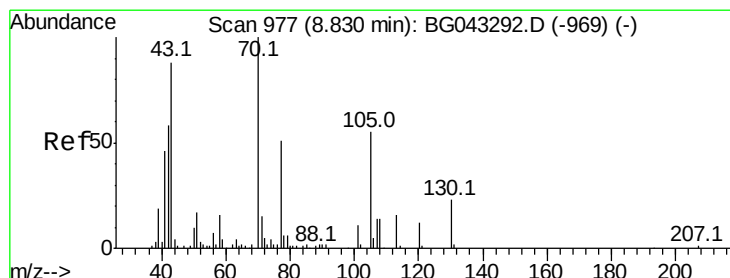
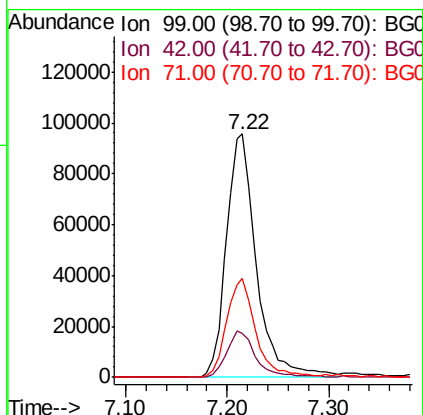
Tot Ion: 99 Resp: 196067

Ion Ratio Lower Upper

99 100

42 18.1 14.9 22.3

71 40.5 32.2 48.2



#19

n-Nitroso-di-n-propylamine

Concen: 8.333 ng

RT: 9.18 min Scan# 1037

Delta R.T. 0.35 min

Lab File: BG043355.D

Acq: 28 Oct 2019 18:18

Tgt Ion: 70 Resp: 16307

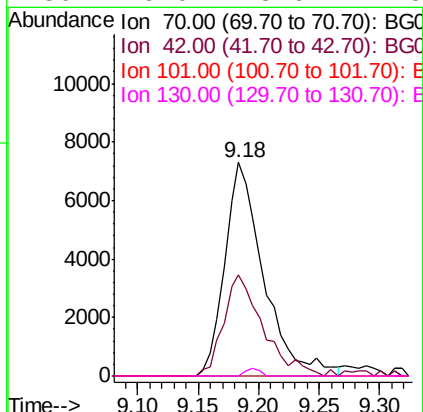
Ion Ratio Lower Upper

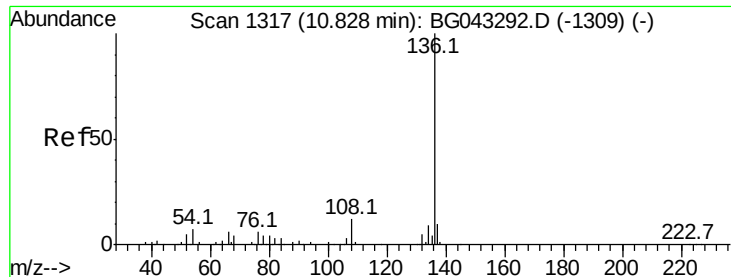
70 100

42 47.6 46.2 69.2

101 0.0 8.6 13.0#

130 0.0 18.6 27.8#

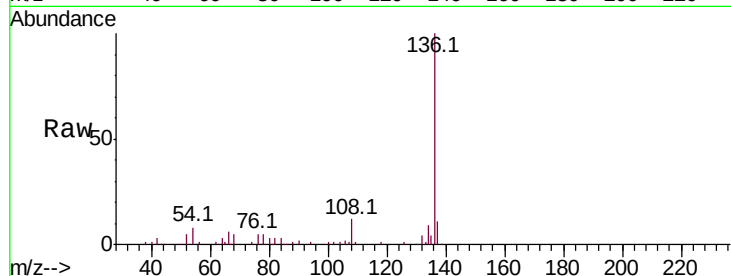




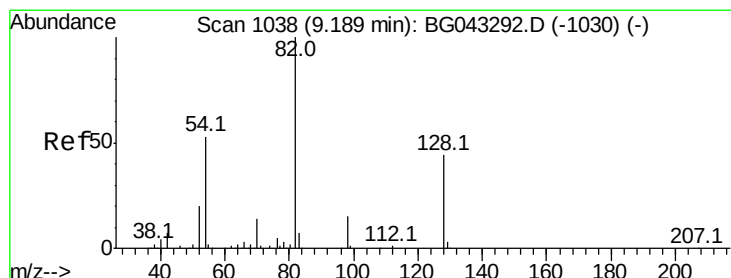
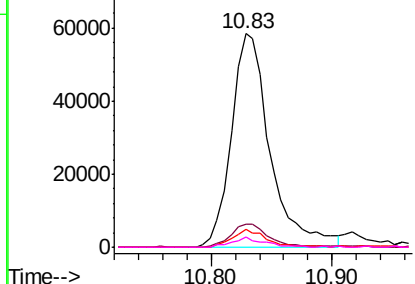
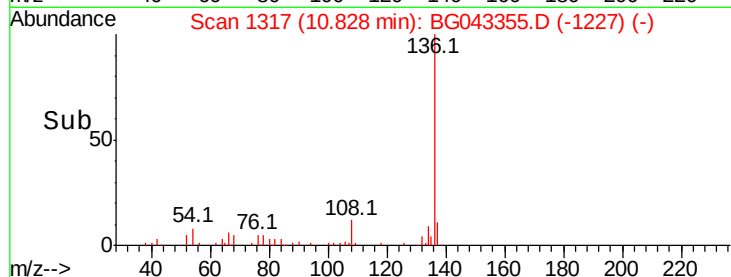
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043355.D
Acq: 28 Oct 2019 18:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	130873
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.2
54	8.3	5.4	8.2#
68	4.7	3.3	4.9

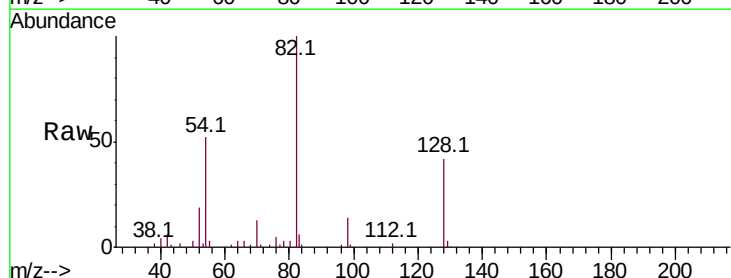


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

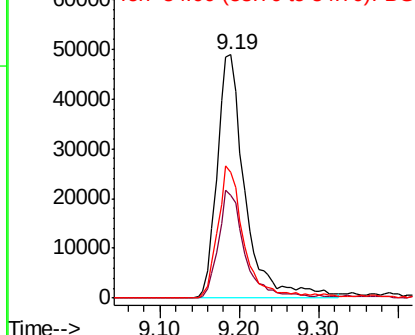
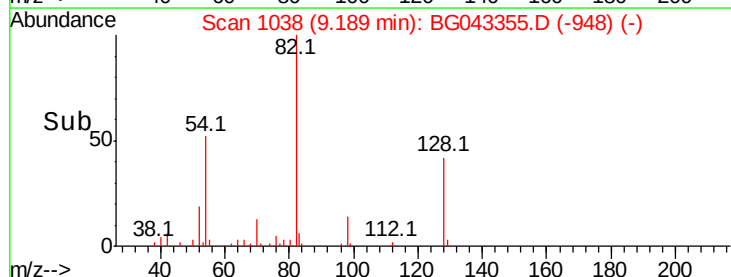


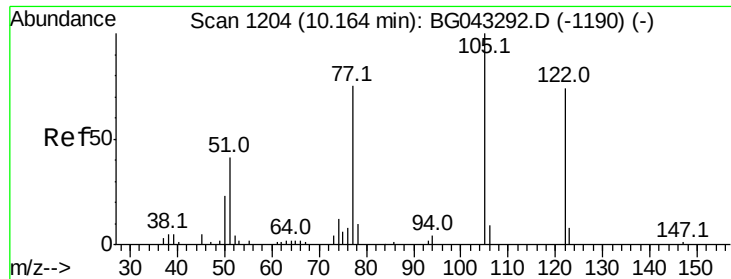
#23
Nitrobenzene-d5
Concen: 47.036 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG043355.D
Acq: 28 Oct 2019 18:18

Tgt Ion:	82	Resp:	119403
Ion	Ratio	Lower	Upper
82	100		
128	42.0	35.3	52.9
54	51.8	42.3	63.5



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

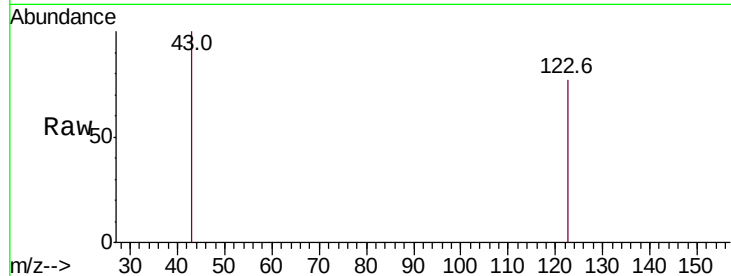




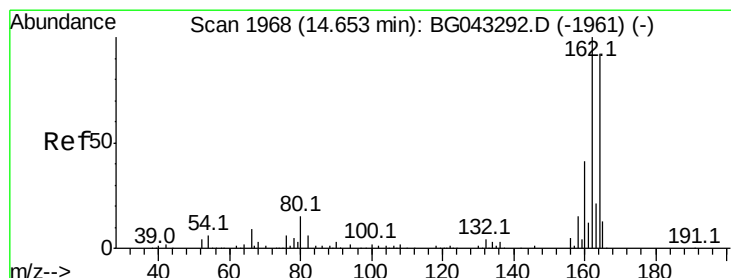
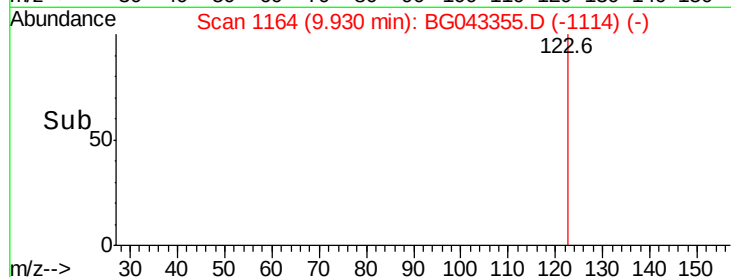
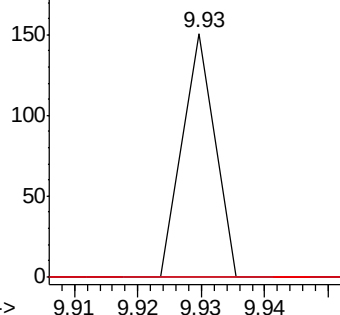
#32
Benzoic acid
Concen: 9.082 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.23 min
Lab File: BG043355.D
Acq: 28 Oct 2019 18:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 0.0 112.4 152.4#
77 0.0 82.7 122.7#

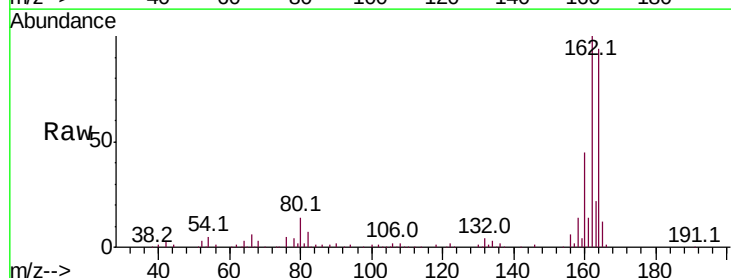


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

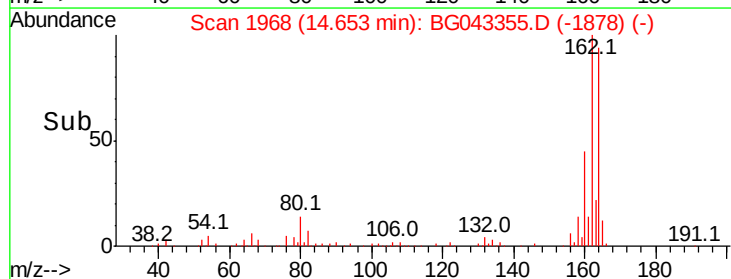
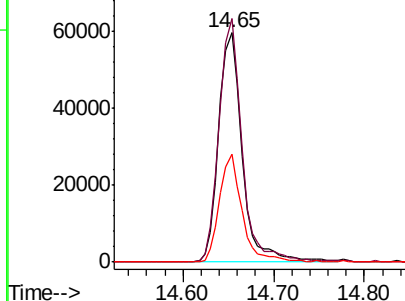


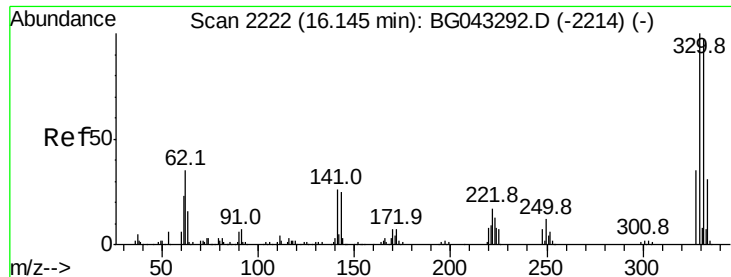
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG043355.D
Acq: 28 Oct 2019 18:18

Tgt Ion:164 Resp: 108505
Ion Ratio Lower Upper
164 100
162 106.3 87.0 130.4
160 47.3 35.5 53.3



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

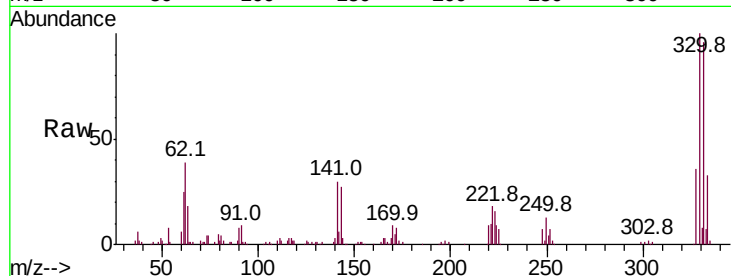




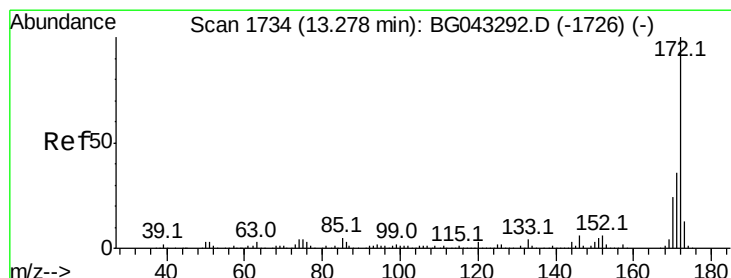
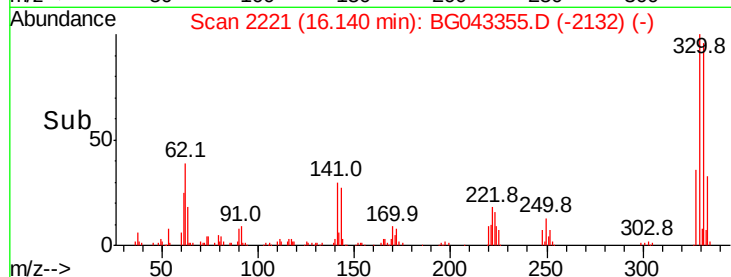
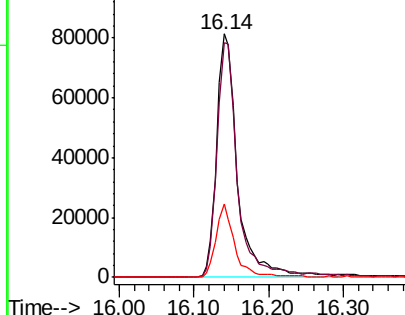
#42
 2,4,6-Tribromophenol
 Concen: 76.941 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG043355.D
 Acq: 28 Oct 2019 18:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 158871
 Ion Ratio Lower Upper
 330 100
 332 93.7 76.4 114.6
 141 27.3 21.4 32.0

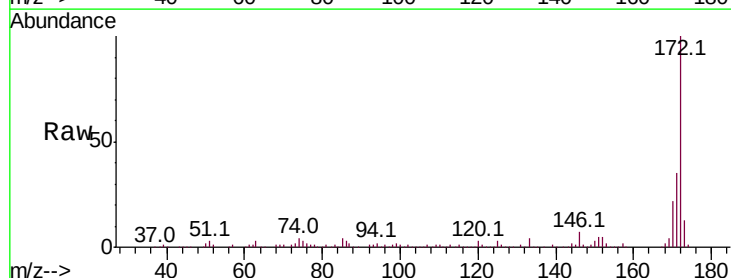


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

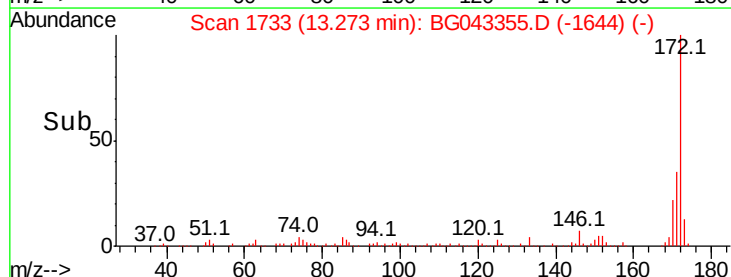
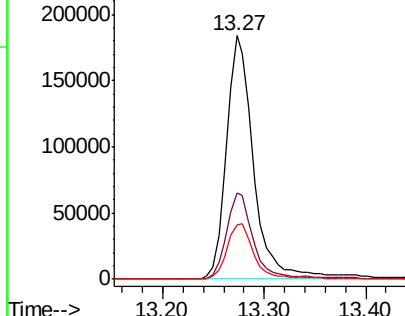


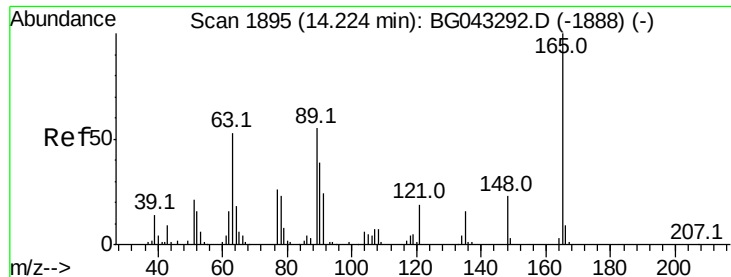
#45
 2-Fluorobiphenyl
 Concen: 43.437 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043355.D
 Acq: 28 Oct 2019 18:18

Tgt Ion:172 Resp: 341083
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 22.3 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

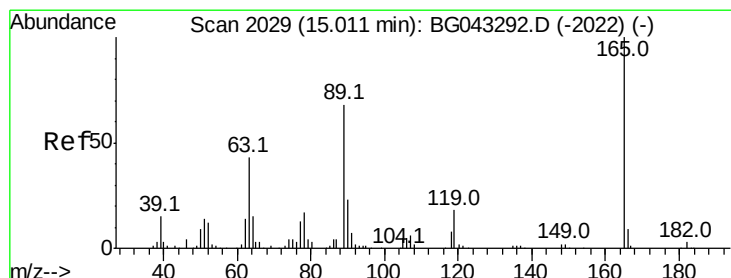
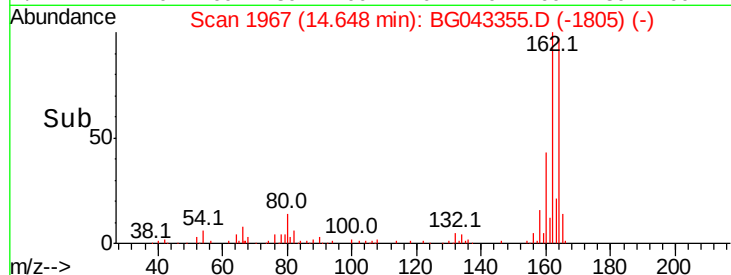
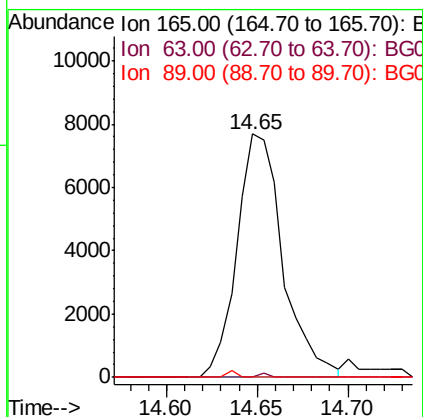
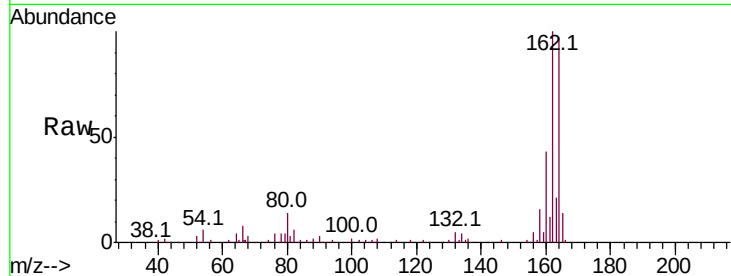




#51
 2,6-Dinitrotoluene
 Concen: 7.423 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. 0.42 min
 Lab File: BG043355.D
 Acq: 28 Oct 2019 18:18

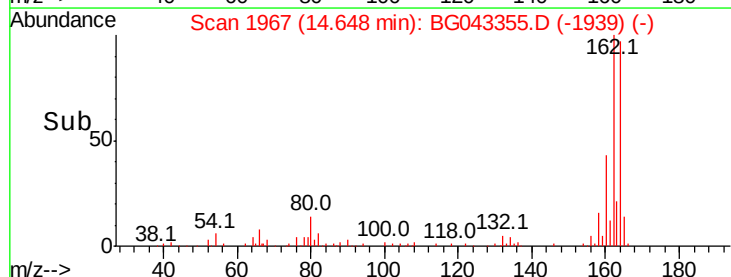
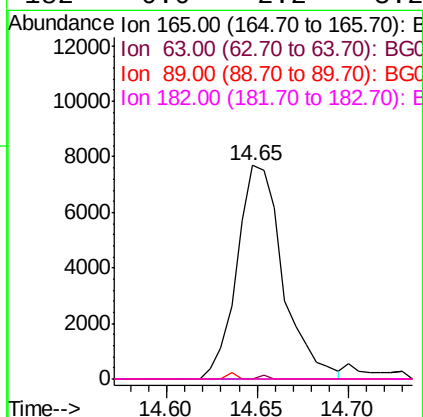
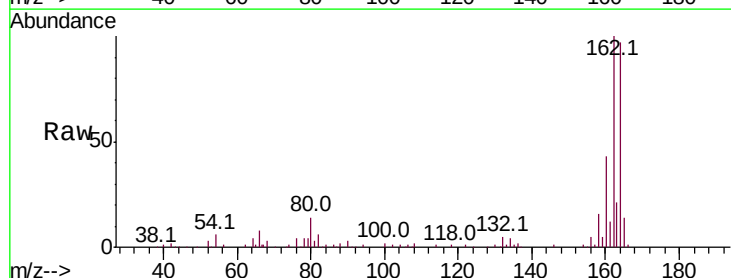
Instrument :
 BNA_G
 ClientSampled :

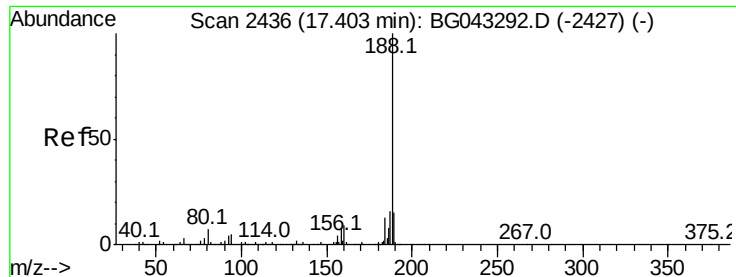
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.1	70.7#
89	0.0	43.7	65.5#



#57
 2,4-Dinitrotoluene
 Concen: 5.194 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.36 min
 Lab File: BG043355.D
 Acq: 28 Oct 2019 18:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.6#
89	0.0	54.1	81.1#
182	0.0	2.2	3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043355.D

Acq: 28 Oct 2019 18:18

Instrument :

BNA_G

ClientSampleId :

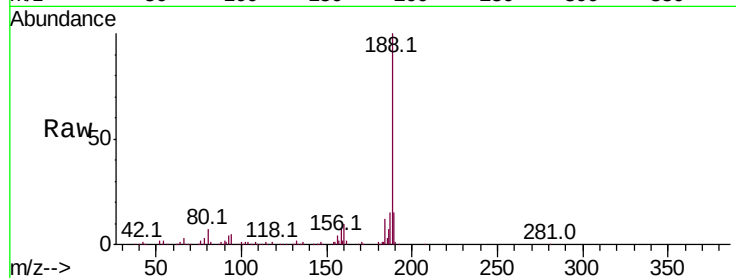
Tot Ion:188 Resp: 260316

Ion Ratio Lower Upper

188 100

94 5.0 4.2 6.2

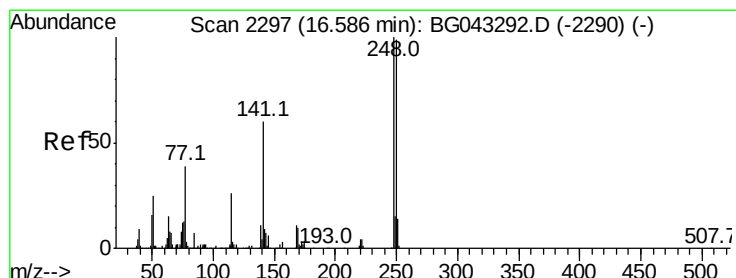
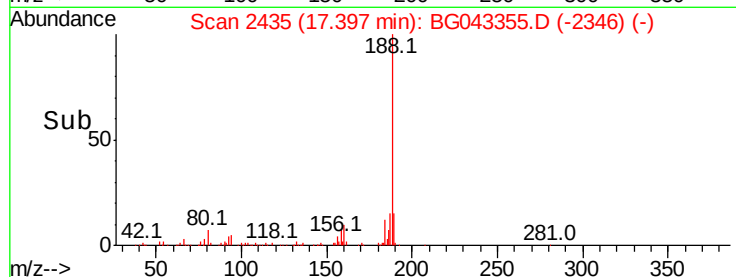
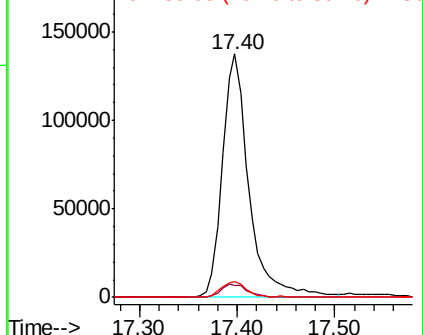
80 6.6 5.2 7.8



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: 2.747 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.45 min

Lab File: BG043355.D

Acq: 28 Oct 2019 18:18

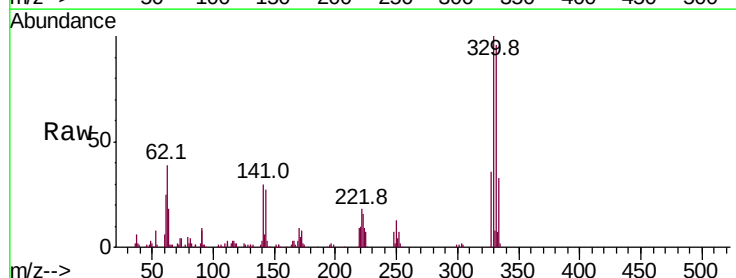
Tgt Ion:248 Resp: 9623

Ion Ratio Lower Upper

248 100

250 179.1 79.3 118.9#

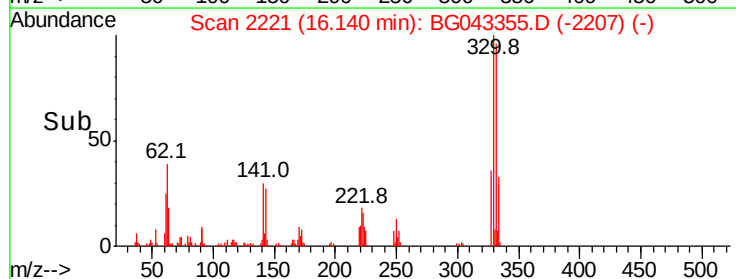
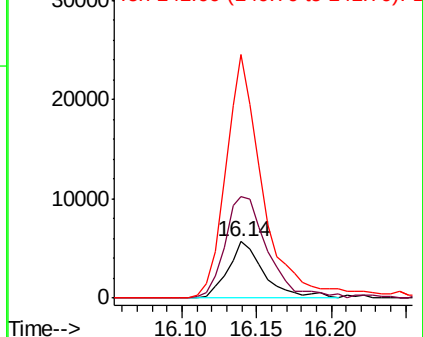
141 430.1 47.9 71.9#

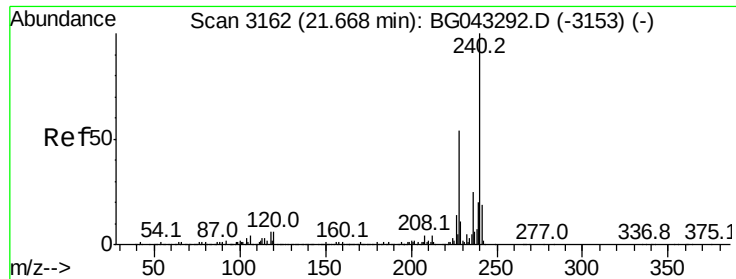


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043355.D

Acq: 28 Oct 2019 18:18

Instrument :

BNA_G

ClientSampleId :

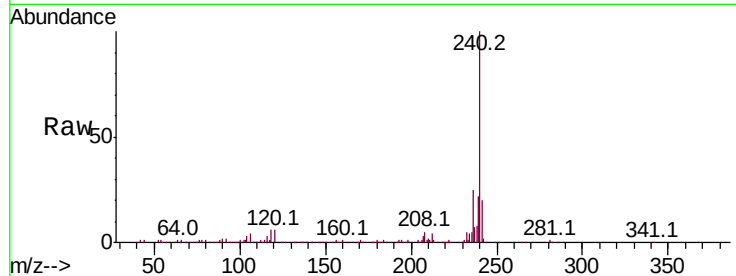
Tot Ion:240 Resp: 294162

Ion Ratio Lower Upper

240 100

120 6.3 4.6 7.0

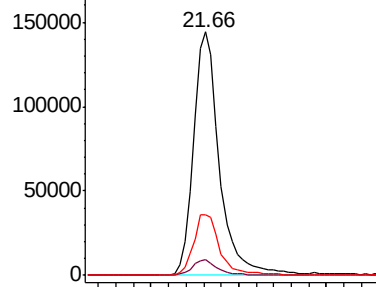
236 24.9 20.2 30.4



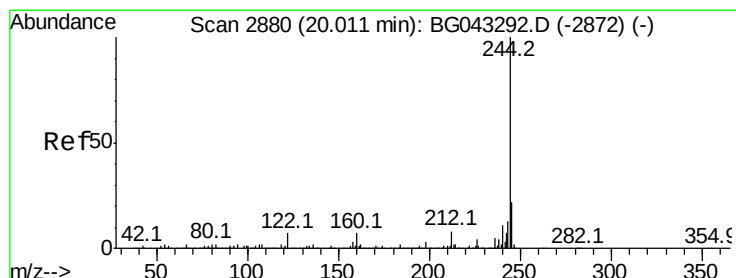
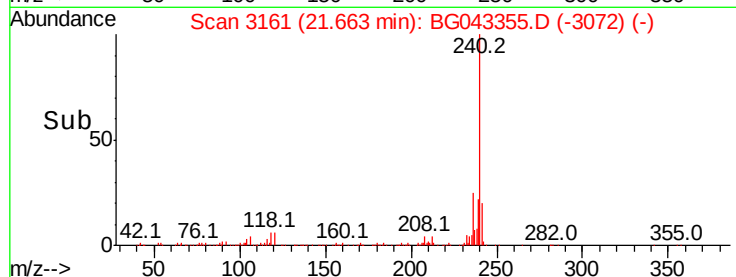
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#79

Terphenyl-d14

Concen: 103.898 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043355.D

Acq: 28 Oct 2019 18:18

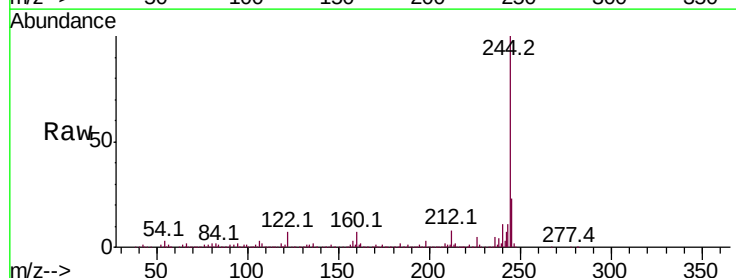
Tgt Ion:244 Resp: 1629102

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

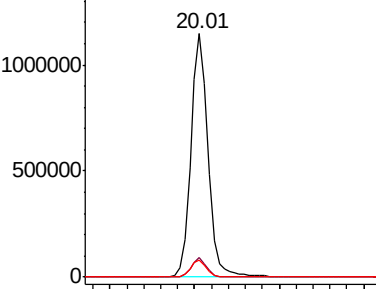
122 7.0 5.3 7.9



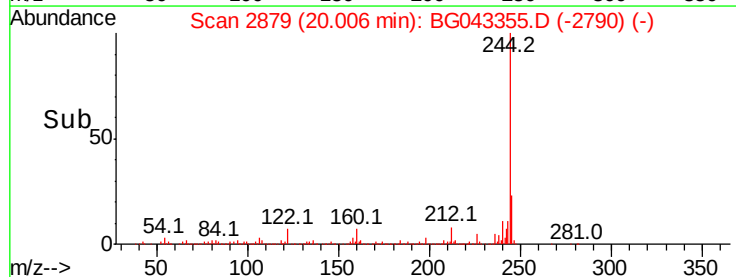
Abundance Ion 244.00 (243.70 to 244.70): E

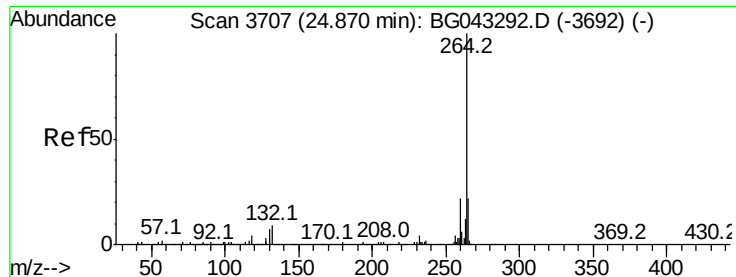
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

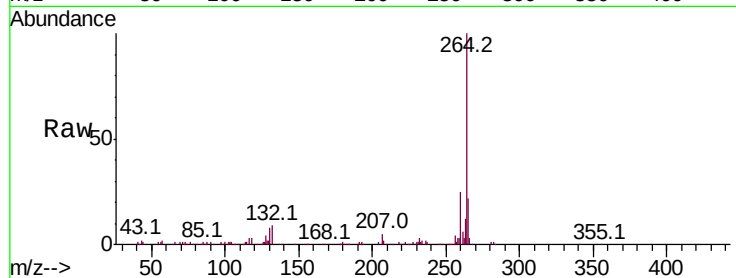




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3705
 Delta R.T. -0.01 min
 Lab File: BG043355.D
 Acq: 28 Oct 2019 18:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	264	Resp:	342705
Ion	Ratio	Lower	Upper
264	100		
260	25.1	17.9	26.9
265	22.4	17.4	26.2



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

