

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
 Data File : BG043442.D
 Acq On : 31 Oct 2019 20:20
 Operator : JU
 Sample : K5615-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 04:01:56 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

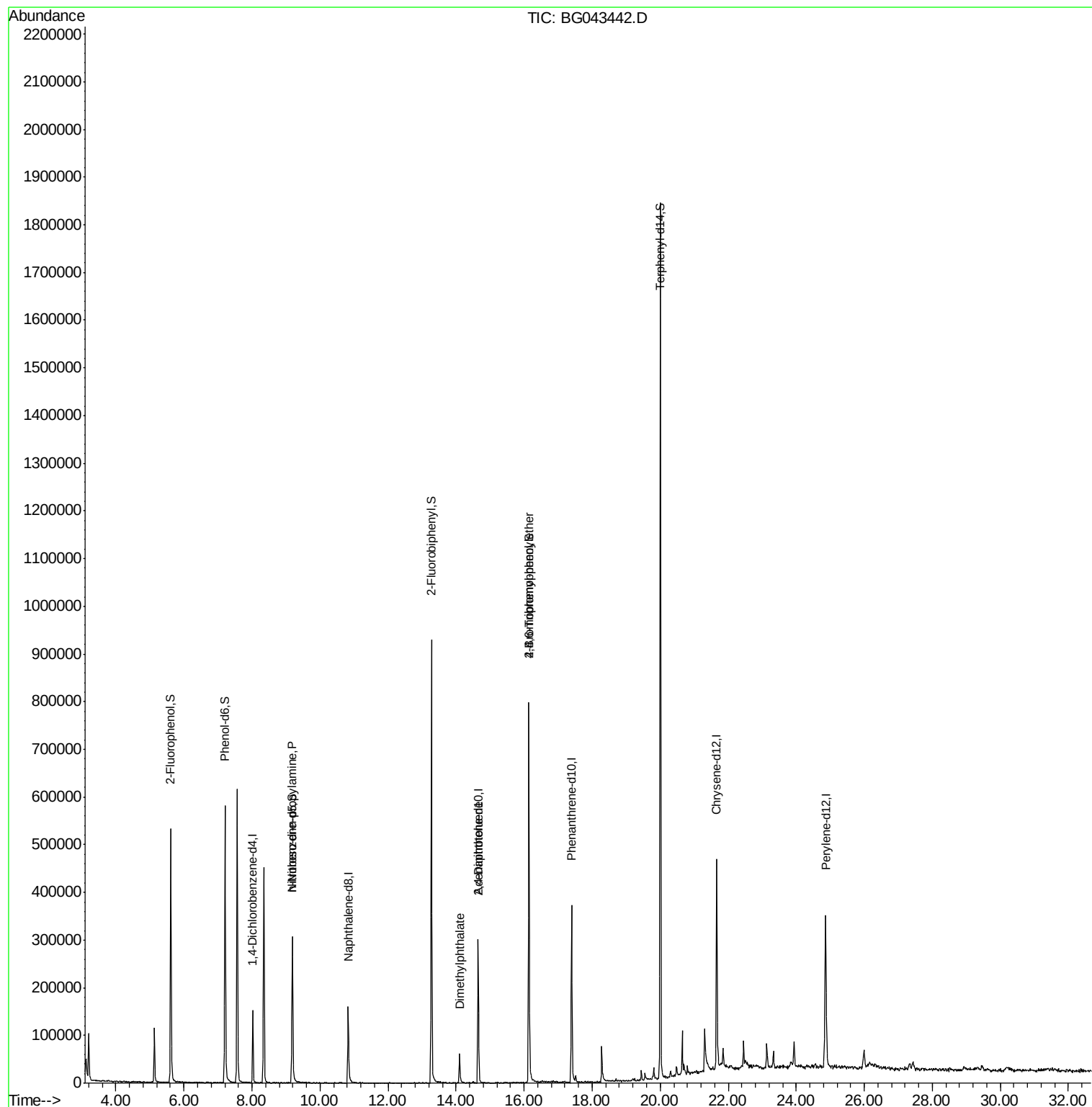
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	45744	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	167455	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	116258	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	266182	20.00	ng	0.00
76) Chrysene-d12	21.66	240	287648	20.00	ng	0.00
87) Perylene-d12	24.86	264	343705	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	260986	104.55	ng	0.00
7) Phenol-d6	7.21	99	365360	101.73	ng	0.00
23) Nitrobenzene-d5	9.19	82	219515	67.58	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	202995	91.75	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	563997	67.03	ng	0.00
79) Terphenyl-d14	20.00	244	1005000	65.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	29574	12.743	ng	Qvalue # 70
50) Dimethylphthalate	14.10	163	54170	6.016	ng	99
57) 2,4-Dinitrotoluene	14.64	165	15235	5.449	ng	# 26
67) 4-Bromophenyl-phenylether	16.14	248	14100	3.936	ng	# 1

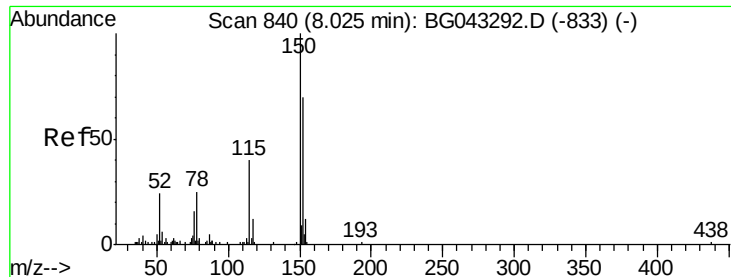
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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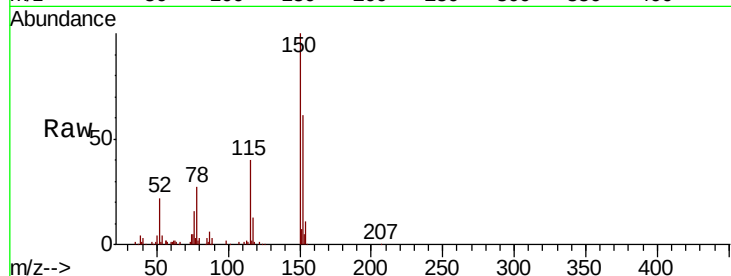


#1

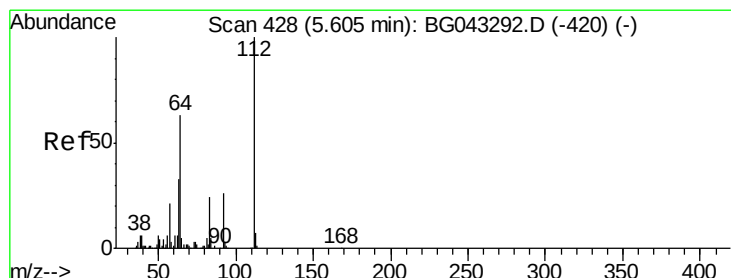
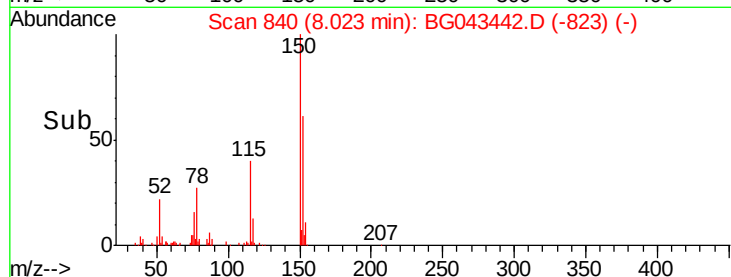
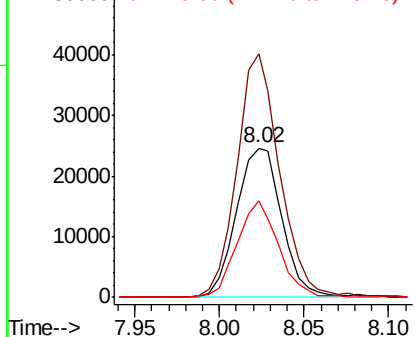
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043442.D
Acq: 31 Oct 2019 20:20

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 45744
Ion Ratio Lower Upper
152 100
150 163.0 113.6 170.4
115 64.7 45.9 68.9



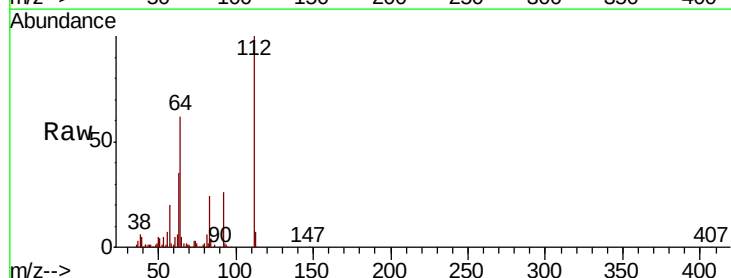
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



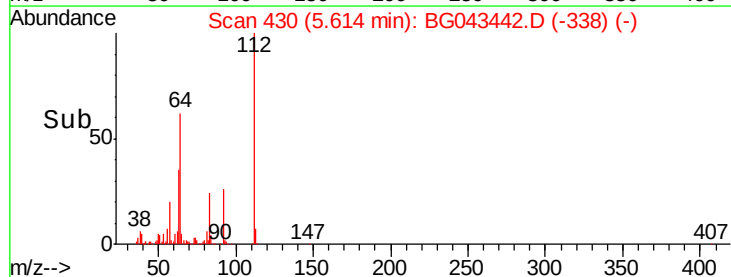
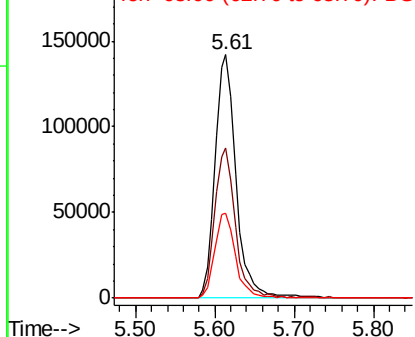
#5

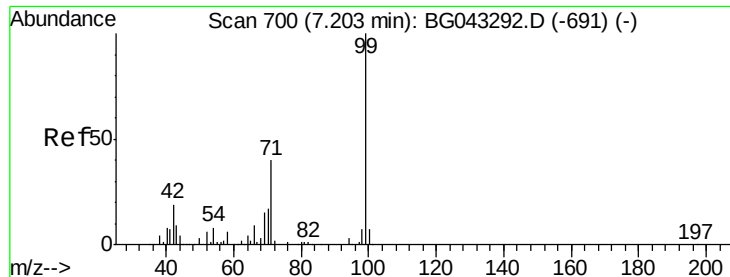
2-Fluorophenol
Concen: 104.548 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043442.D
Acq: 31 Oct 2019 20:20

Tgt Ion:112 Resp: 260986
Ion Ratio Lower Upper
112 100
64 61.7 50.2 75.2
63 34.9 26.7 40.1



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





#7

Phenol-d6

Concen: 101.725 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043442.D

Acq: 31 Oct 2019 20:20

Instrument :

BNA_G

ClientSampled :

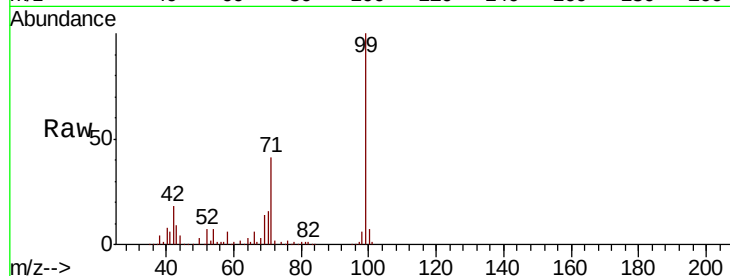
Tot Ion: 99 Resp: 365360

Ion Ratio Lower Upper

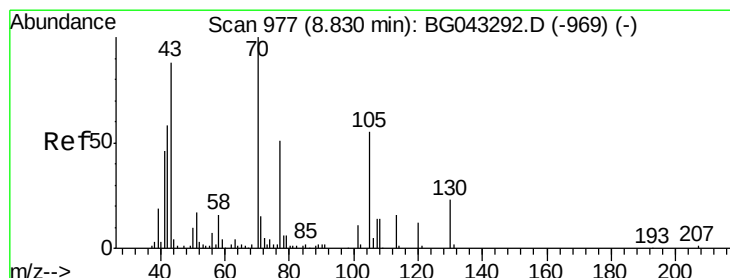
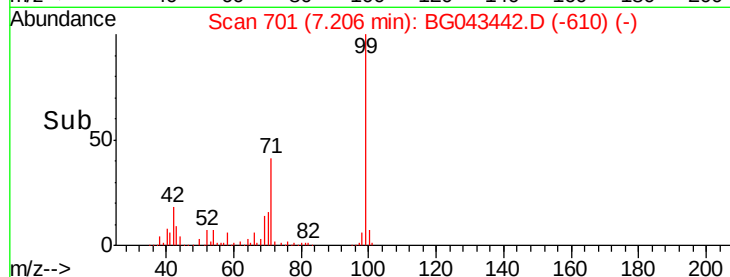
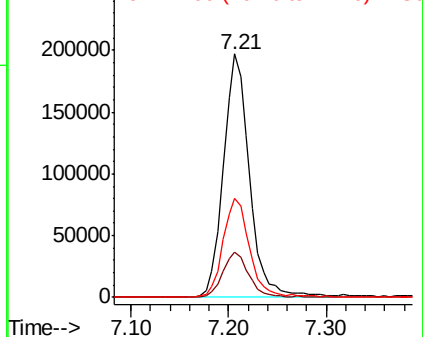
99 100

42 18.4 14.9 22.3

71 40.9 32.2 48.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.743 ng

RT: 9.19 min Scan# 1038

Delta R.T. 0.36 min

Lab File: BG043442.D

Acq: 31 Oct 2019 20:20

Tgt Ion: 70 Resp: 29574

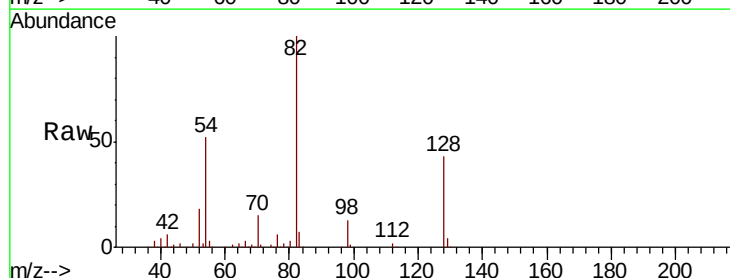
Ion Ratio Lower Upper

70 100

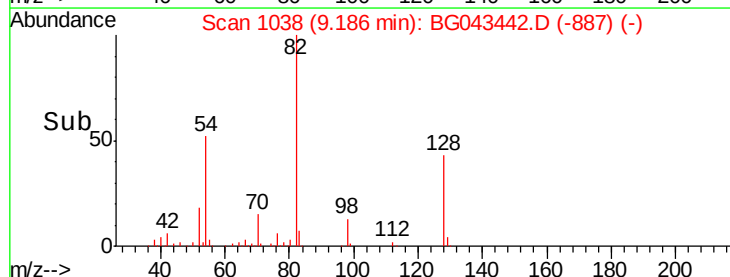
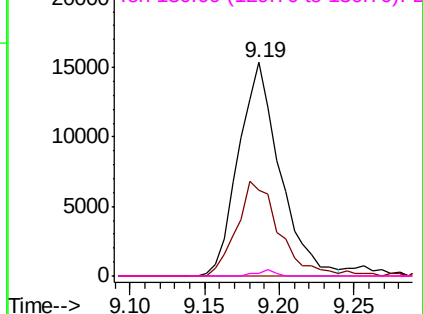
42 40.1 46.2 69.2#

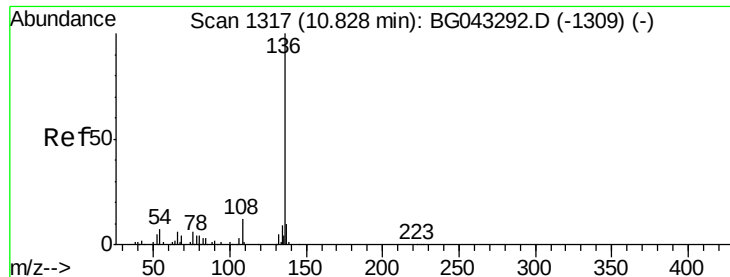
101 0.0 8.6 13.0#

130 1.4 18.6 27.8#



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

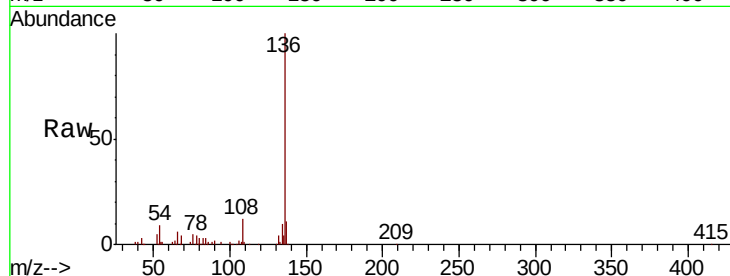




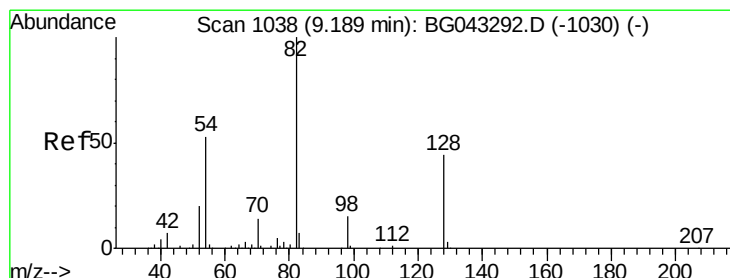
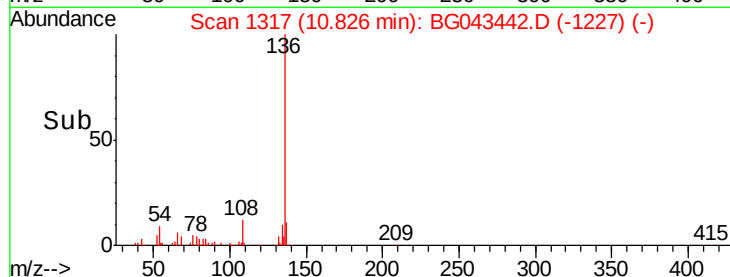
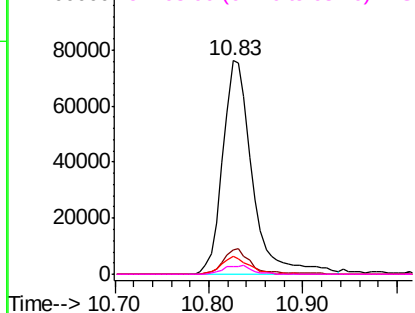
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043442.D
Acq: 31 Oct 2019 20:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	167455
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.2
54	8.6	5.4	8.2#
68	3.6	3.3	4.9

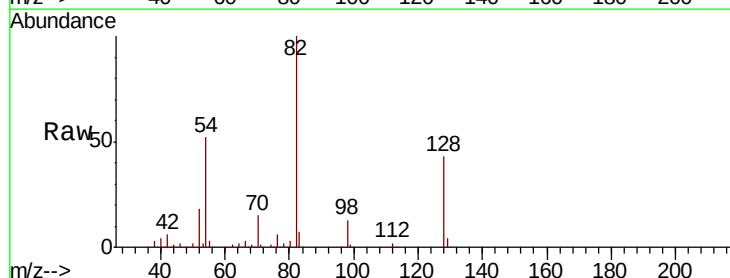


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

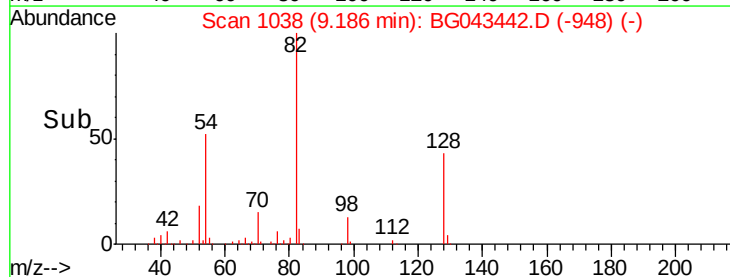
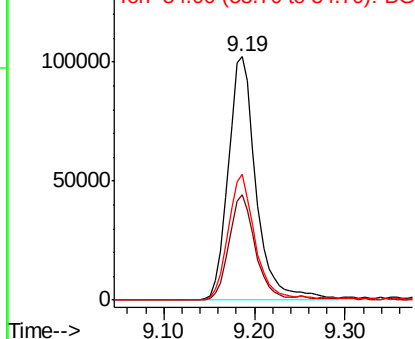


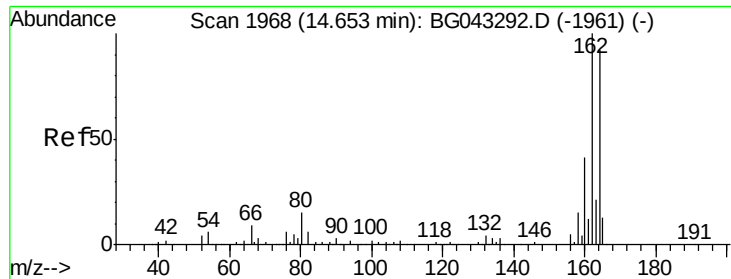
#23
Nitrobenzene-d5
Concen: 67.582 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043442.D
Acq: 31 Oct 2019 20:20

Tgt Ion:	82	Resp:	219515
Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.3	52.9
54	51.6	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

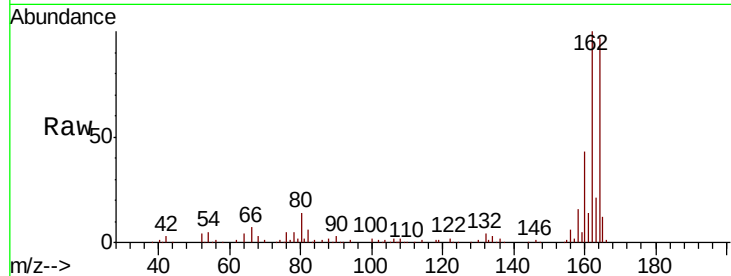




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043442.D
Acq: 31 Oct 2019 20:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	87.0	130.4
160	44.2	35.5	53.3

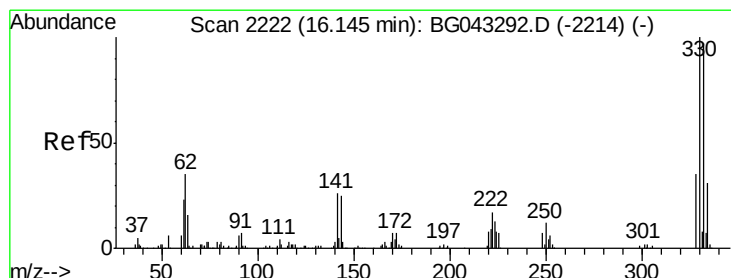
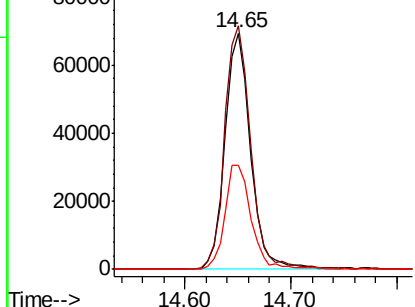
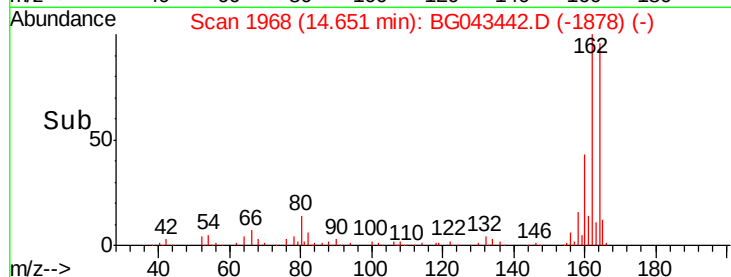


Abundance

Ion 164.00 (163.70 to 164.70): E

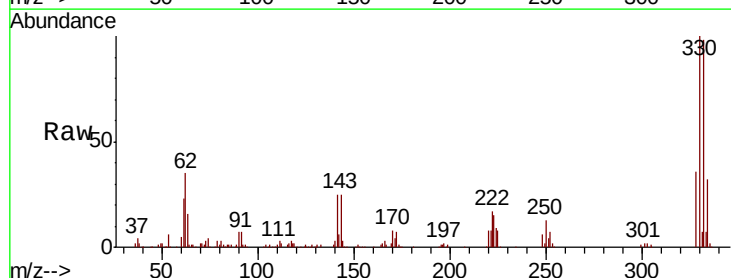
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 91.754 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG043442.D
Acq: 31 Oct 2019 20:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.1	76.4	114.6
141	28.9	21.4	32.0

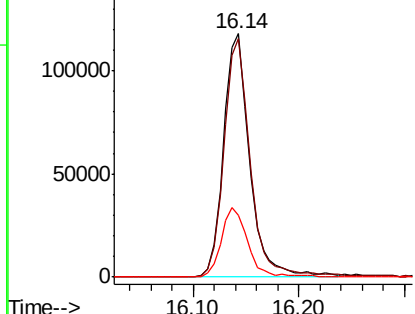
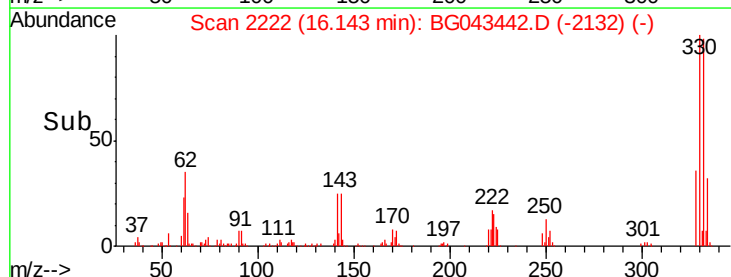


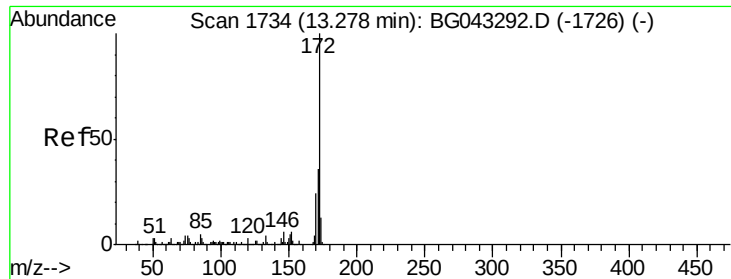
Abundance

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

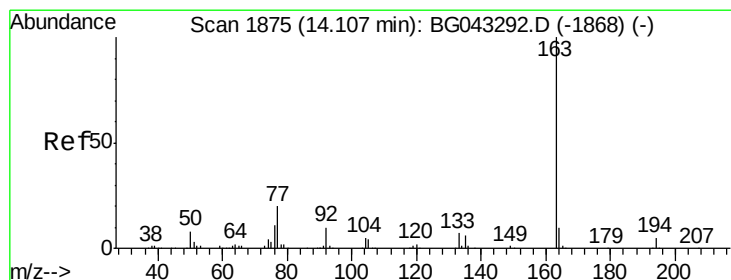
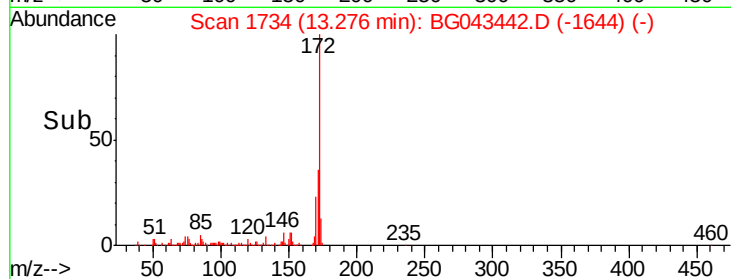
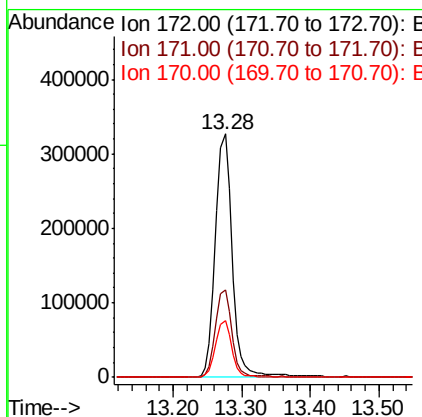
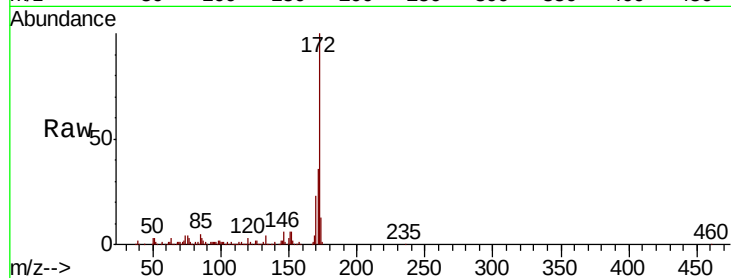




#45
 2-Fluorobiphenyl
 Concen: 67.035 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043442.D
 Acq: 31 Oct 2019 20:20

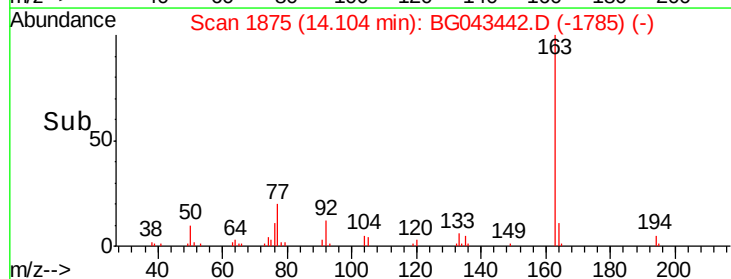
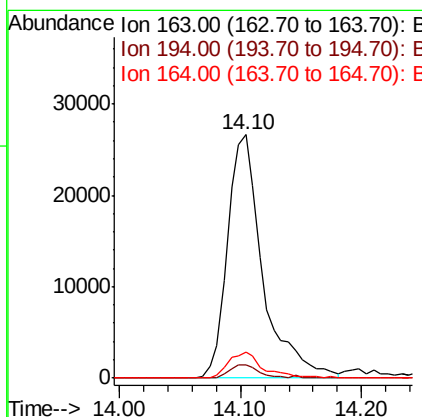
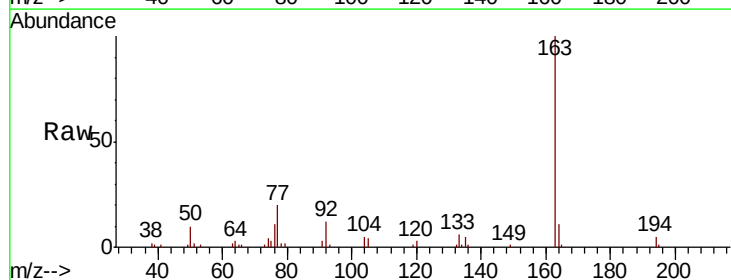
Instrument :
 BNA_G
 ClientSampleId :

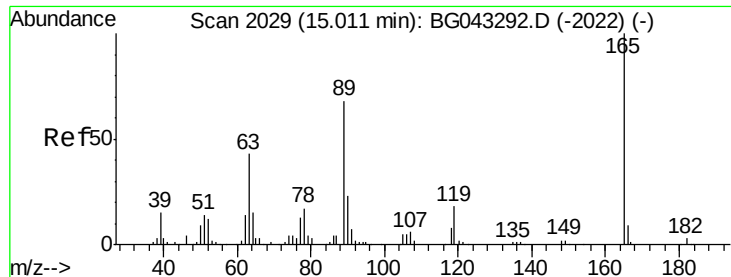
Tot Ion:172	Resp:	563997
Ion	Ratio	Lower Upper
172	100	
171	35.7	28.5 42.7
170	23.1	18.8 28.2



#50
 Dimethylphthalate
 Concen: 6.016 ng
 RT: 14.10 min Scan# 1875
 Delta R.T. -0.00 min
 Lab File: BG043442.D
 Acq: 31 Oct 2019 20:20

Tgt Ion:163	Resp:	54170
Ion	Ratio	Lower Upper
163	100	
194	5.3	3.7 5.5
164	10.5	8.1 12.1

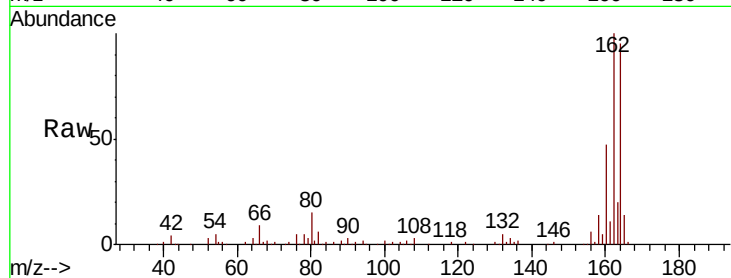




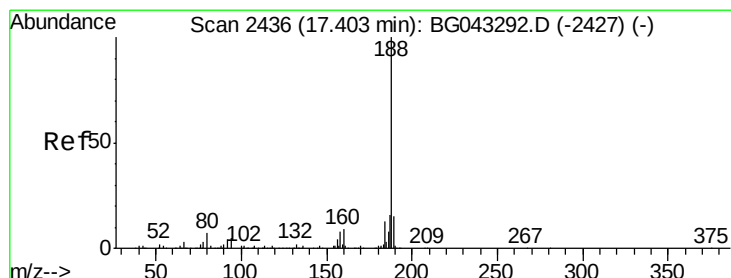
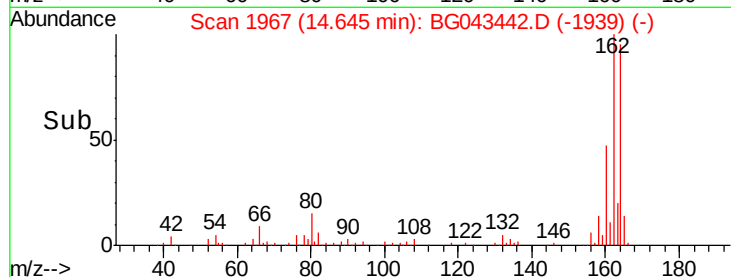
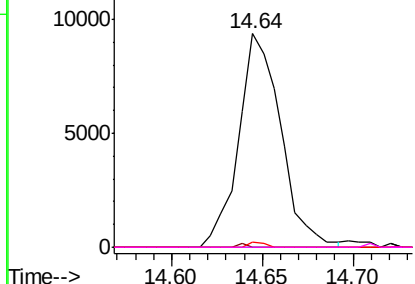
#57
 2,4-Dinitrotoluene
 Concen: 5.449 ng
 RT: 14.64 min Scan# 1967
 Delta R.T. -0.37 min
 Lab File: BG043442.D
 Acq: 31 Oct 2019 20:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165	Resp:	15235
Ion Ratio	Lower	Upper
165	100	
63	0.0	35.0 52.6#
89	2.5	54.1 81.1#
182	0.0	2.2 3.2#

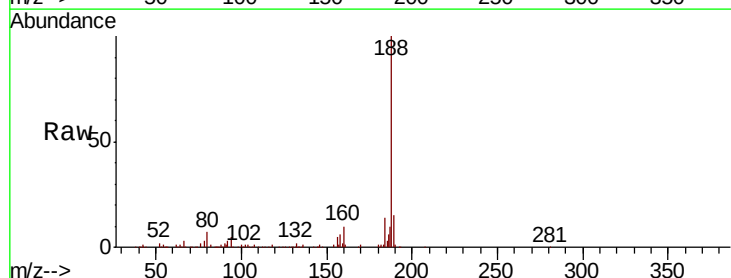


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

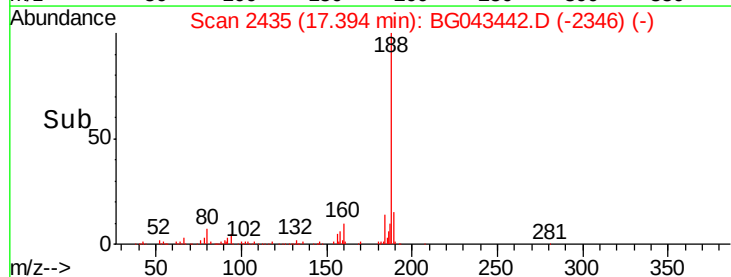
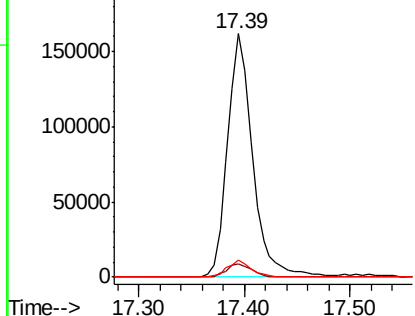


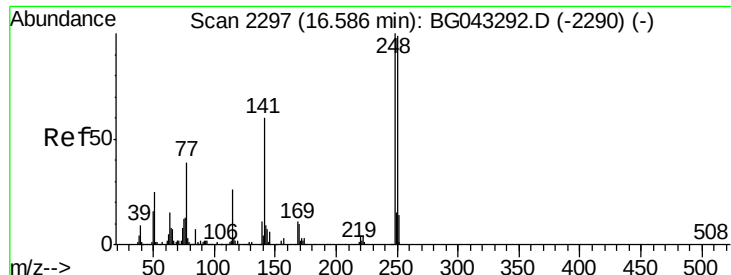
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG043442.D
 Acq: 31 Oct 2019 20:20

Tgt Ion:188	Resp:	266182
Ion Ratio	Lower	Upper
188	100	
94	5.5	4.2 6.2
80	7.0	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

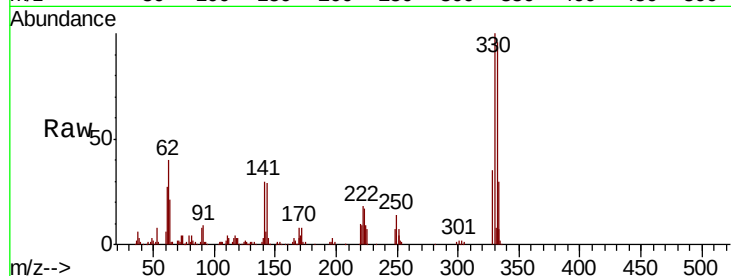




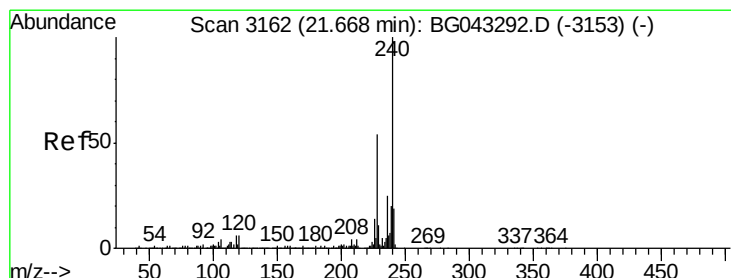
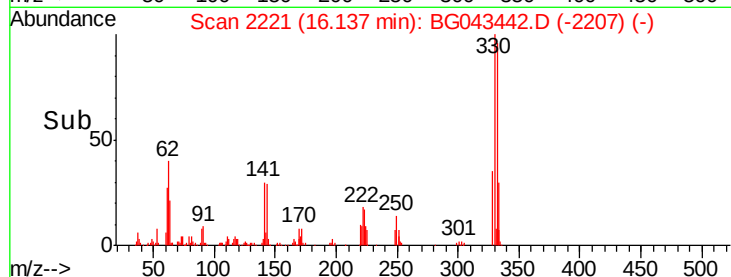
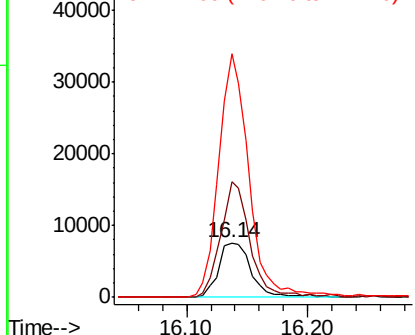
#67
4-Bromophenyl-phenylether
Concen: 3.936 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.45 min
Lab File: BG043442.D
Acq: 31 Oct 2019 20:20

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 14100
Ion Ratio Lower Upper
248 100
250 210.1 79.3 118.9#
141 444.2 47.9 71.9#

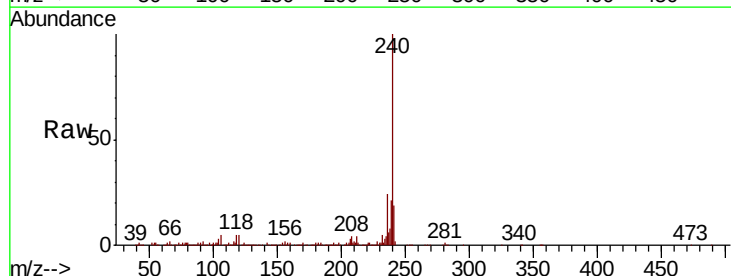


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

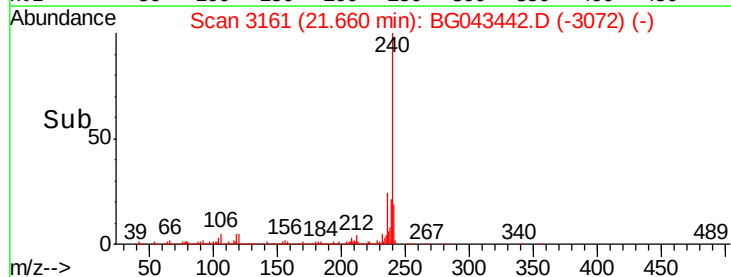
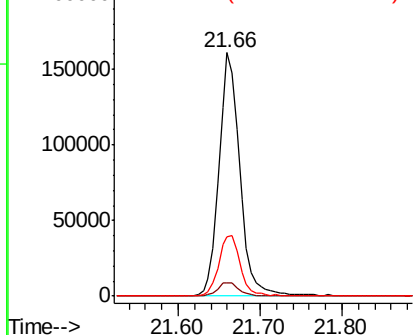


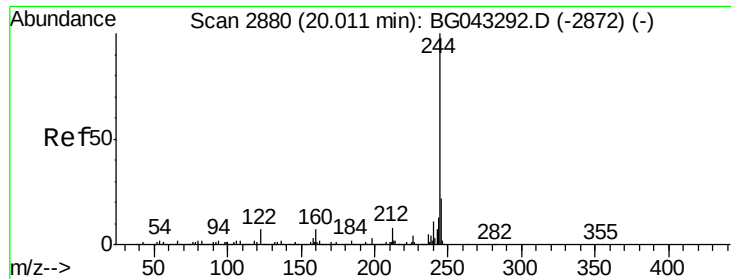
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043442.D
Acq: 31 Oct 2019 20:20

Tgt Ion:240 Resp: 287648
Ion Ratio Lower Upper
240 100
120 5.4 4.6 7.0
236 24.5 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





#79

Terphenyl-d14

Concen: 65.547 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043442.D

Acq: 31 Oct 2019 20:20

Instrument :

BNA_G

ClientSampleId :

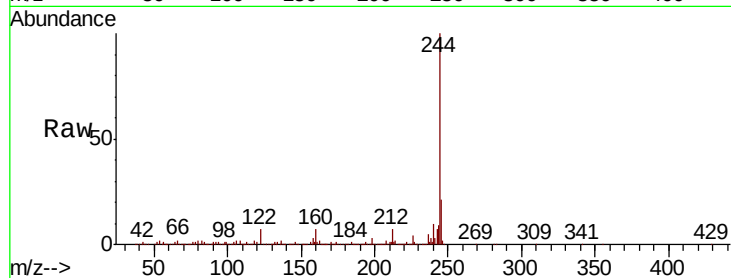
Tot Ion:244 Resp: 1005000

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

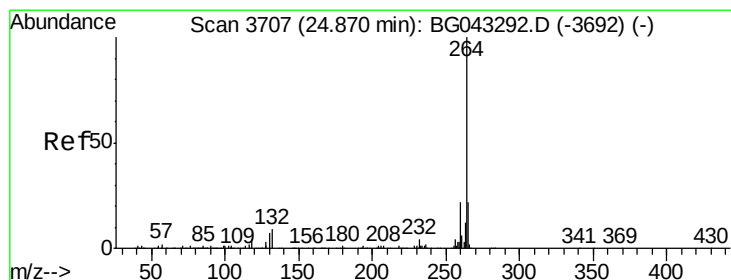
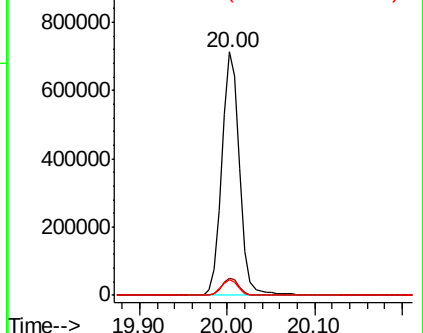
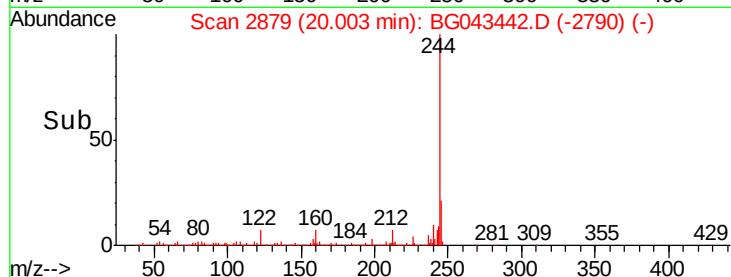
122 6.7 5.3 7.9



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG043442.D

Acq: 31 Oct 2019 20:20

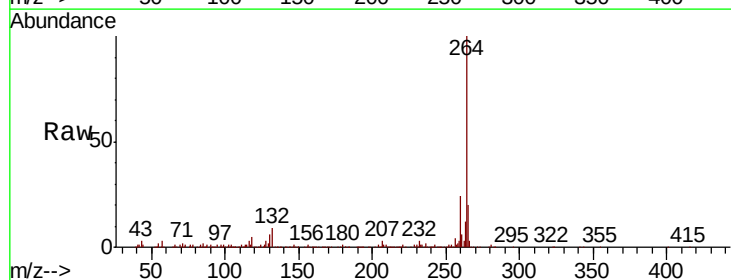
Tgt Ion:264 Resp: 343705

Ion Ratio Lower Upper

264 100

260 24.0 17.9 26.9

265 19.9 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

