

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
 Data File : BG043443.D
 Acq On : 31 Oct 2019 20:59
 Operator : JU
 Sample : K5615-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-29

Quant Time: Nov 01 05:21:46 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

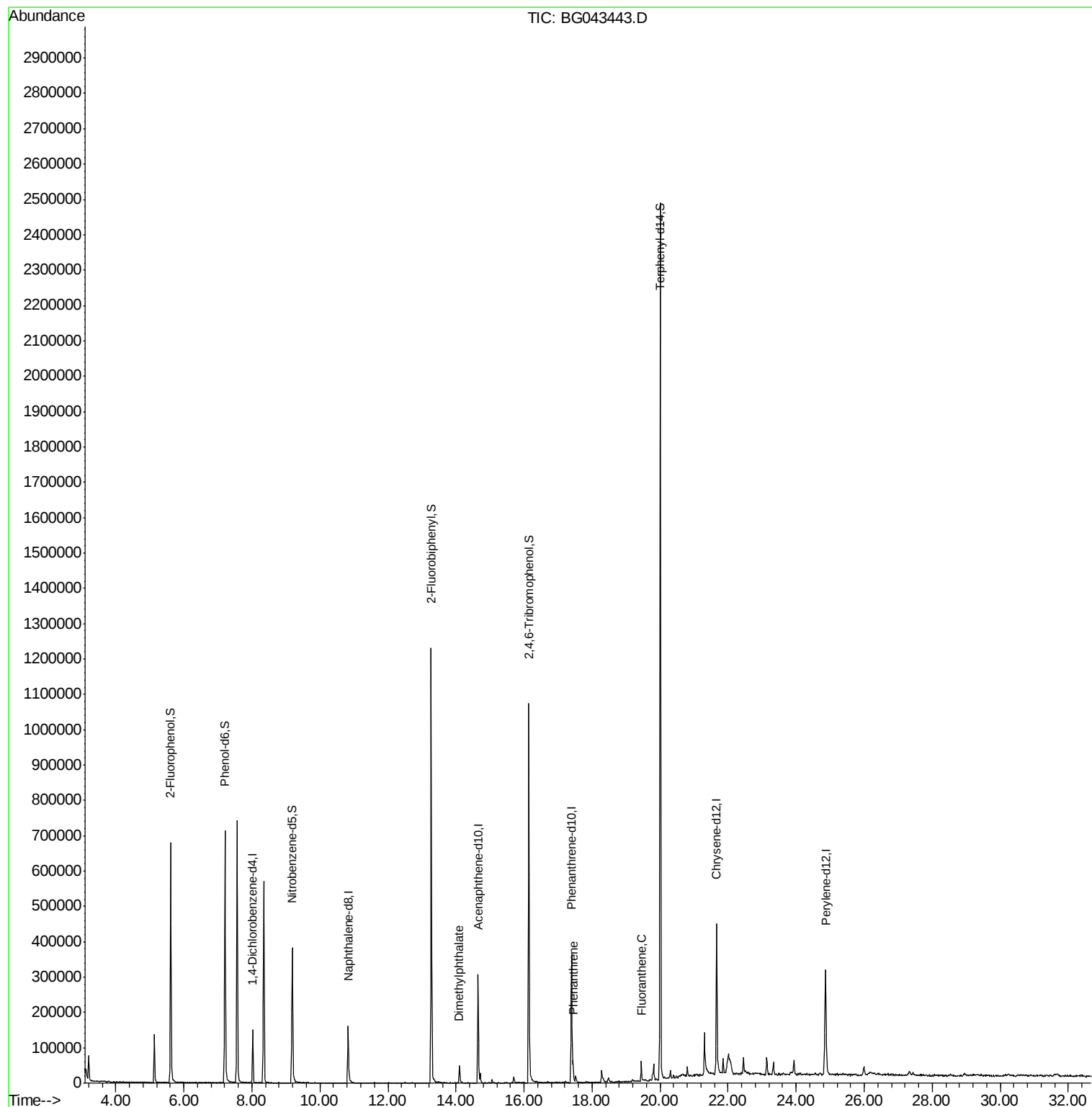
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	46902	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	164667	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	118109	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	265812	20.00	ng	0.00
76) Chrysene-d12	21.66	240	275729	20.00	ng	0.00
87) Perylene-d12	24.86	264	333022	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	320583	125.25	ng	0.00
7) Phenol-d6	7.21	99	441540	119.90	ng	0.00
23) Nitrobenzene-d5	9.18	82	265401	83.09	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	266450	118.55	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	717522	83.95	ng	0.00
79) Terphenyl-d14	20.01	244	1337489	91.00	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	43153	4.717	ng	98
71) Phenanthrene	17.44	178	39121	2.874	ng	98
75) Fluoranthene	19.45	202	40684	2.293	ng	95

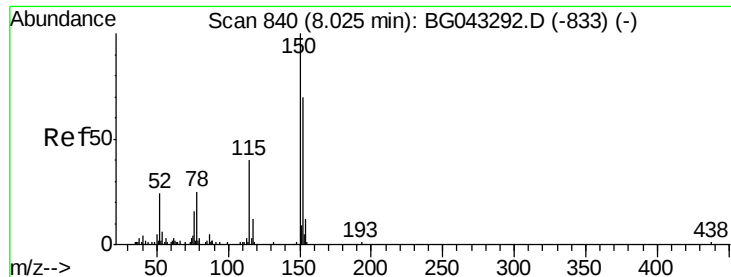
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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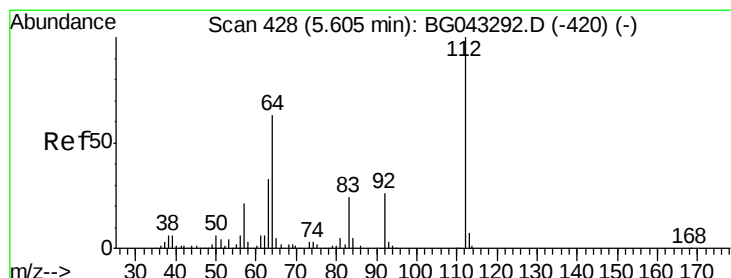
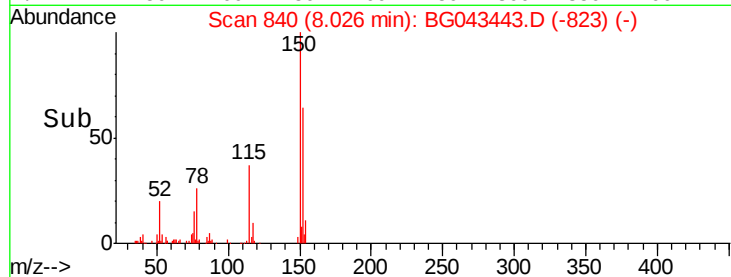
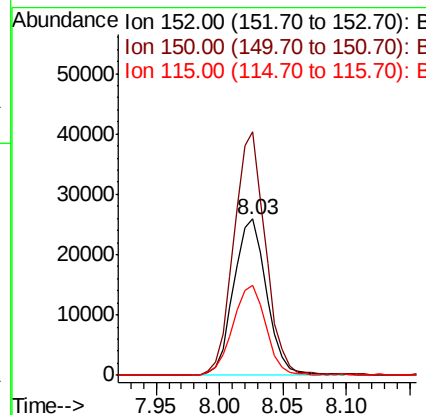
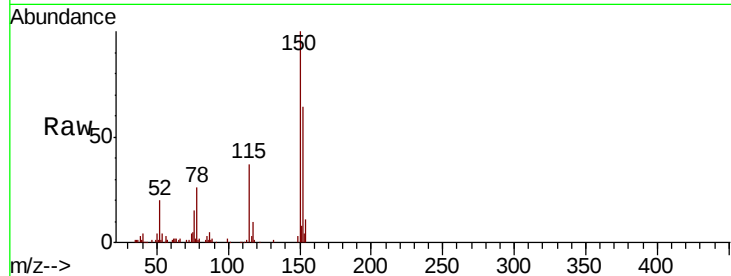


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG043443.D
Acq: 31 Oct 2019 20:59

Instrument :
BNA_G
ClientSampled :
RBR-29

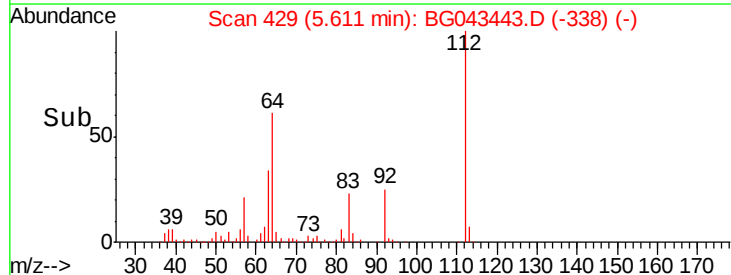
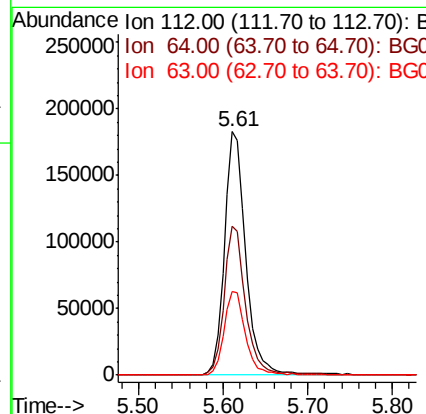
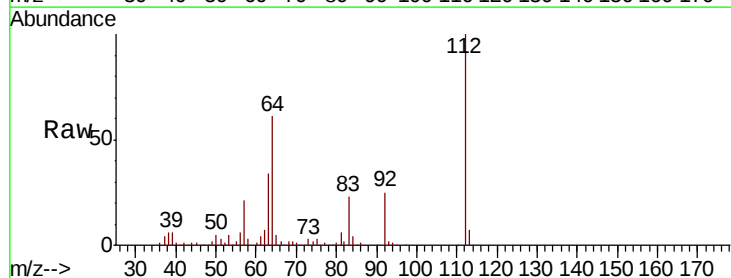
Tot Ion:152 Resp: 46902
Ion Ratio Lower Upper
152 100
150 155.7 113.6 170.4
115 57.2 45.9 68.9

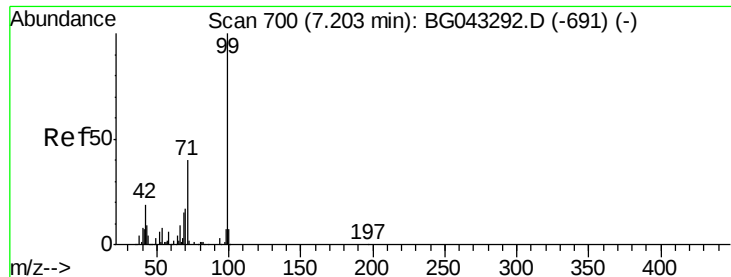


#5

2-Fluorophenol
Concen: 125.251 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043443.D
Acq: 31 Oct 2019 20:59

Tgt Ion:112 Resp: 320583
Ion Ratio Lower Upper
112 100
64 61.1 50.2 75.2
63 34.5 26.7 40.1





#7

Phenol-d6

Concen: 119.900 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043443.D

Acq: 31 Oct 2019 20:59

Instrument :

BNA_G

ClientSampleId :

RBR-29

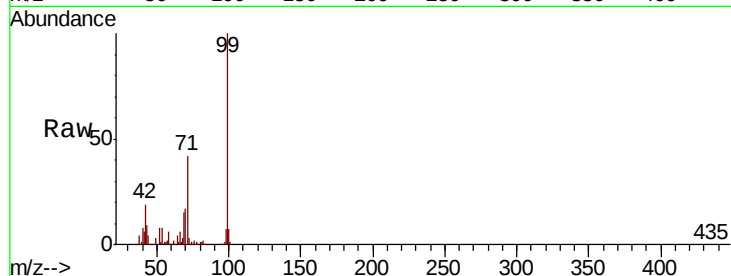
Tot Ion: 99 Resp: 441540

Ion Ratio Lower Upper

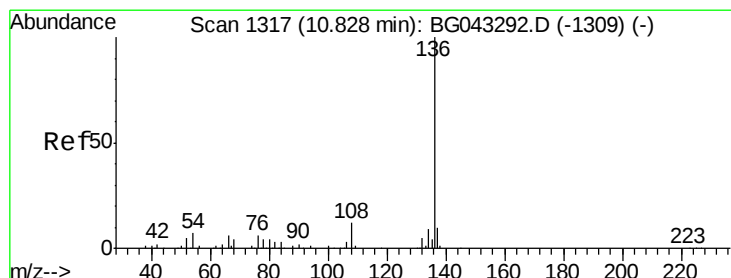
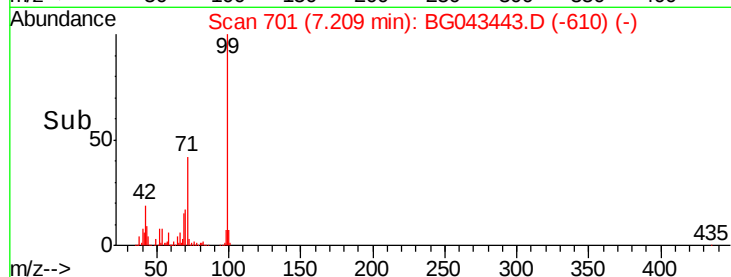
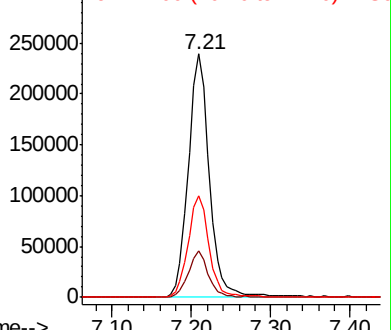
99 100

42 19.1 14.9 22.3

71 41.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG043443.D

Acq: 31 Oct 2019 20:59

Tgt Ion: 136 Resp: 164667

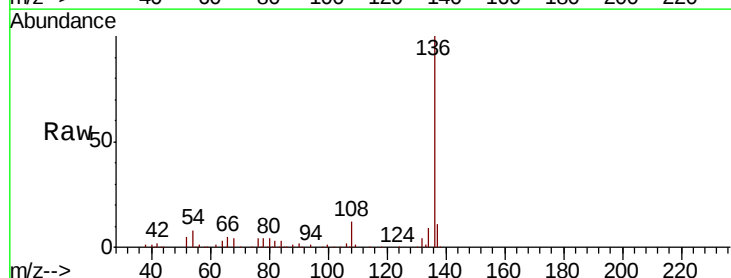
Ion Ratio Lower Upper

136 100

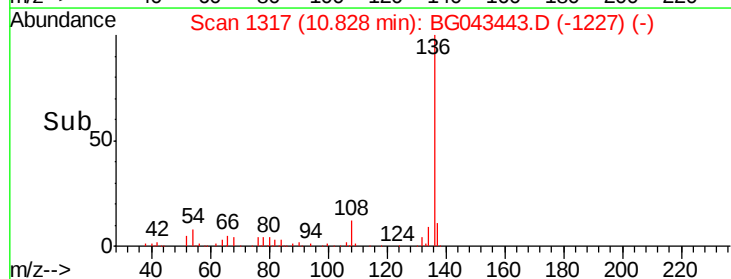
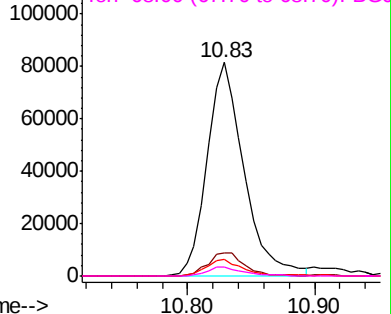
137 11.0 8.2 12.2

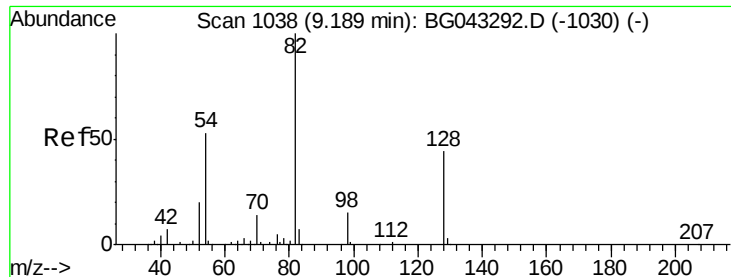
54 7.8 5.4 8.2

68 4.0 3.3 4.9



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

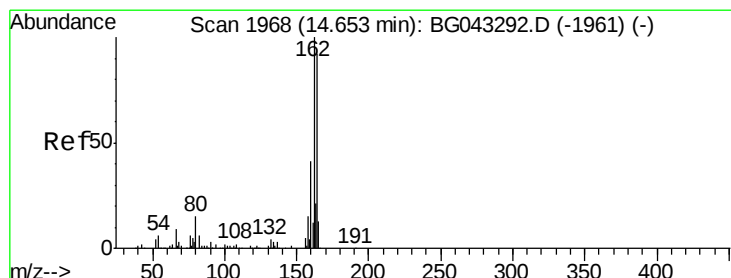
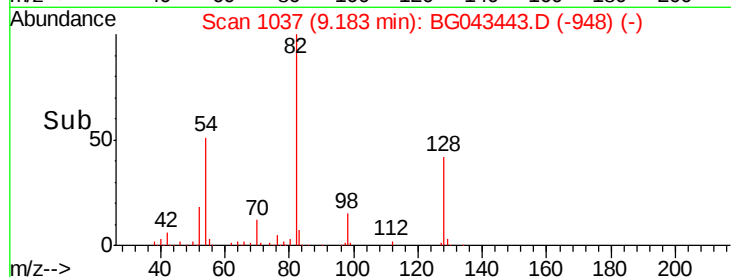
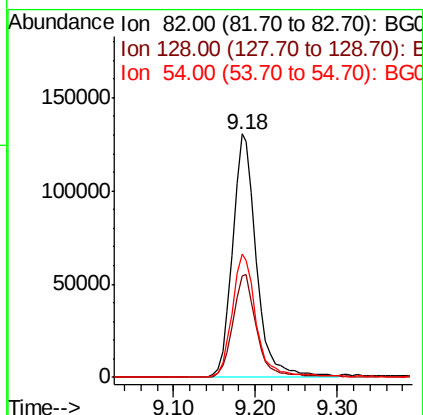
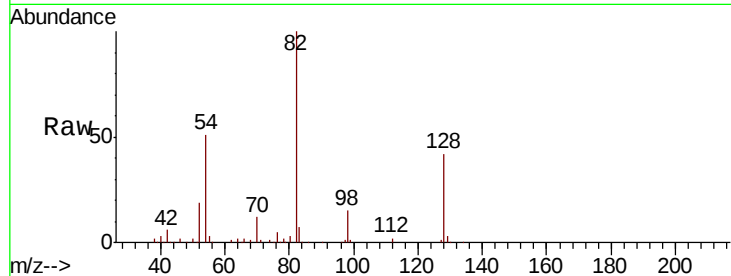




#23
Nitrobenzene-d5
Concen: 83.093 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG043443.D
Acq: 31 Oct 2019 20:59

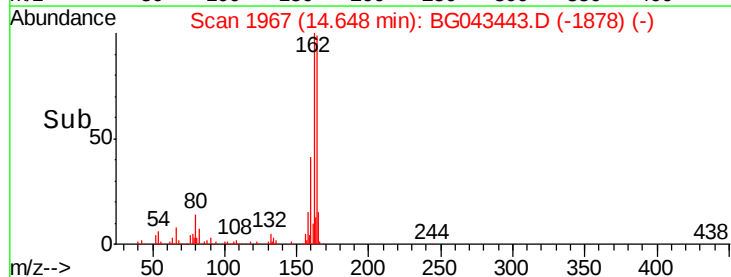
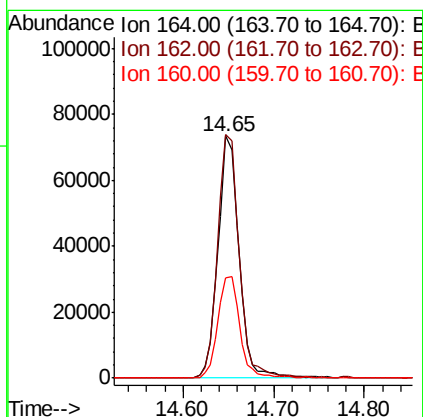
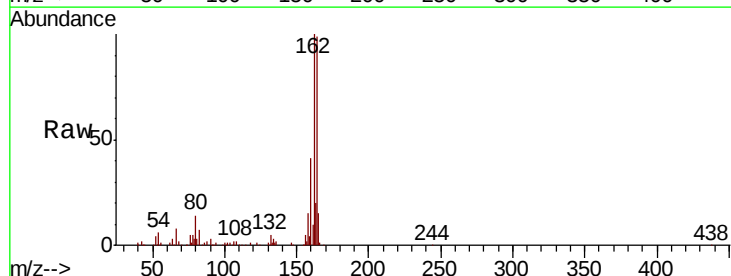
Instrument :
BNA_G
ClientSampleId :
RBR-29

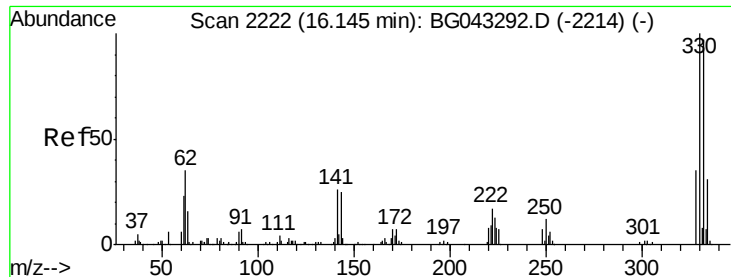
Tot Ion	82	Resp	265401
Ion Ratio	Lower	Upper	
82	100		
128	41.7	35.3	52.9
54	50.8	42.3	63.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG043443.D
Acq: 31 Oct 2019 20:59

Tgt Ion	164	Resp	118109
Ion Ratio	Lower	Upper	
164	100		
162	100.6	87.0	130.4
160	41.6	35.5	53.3

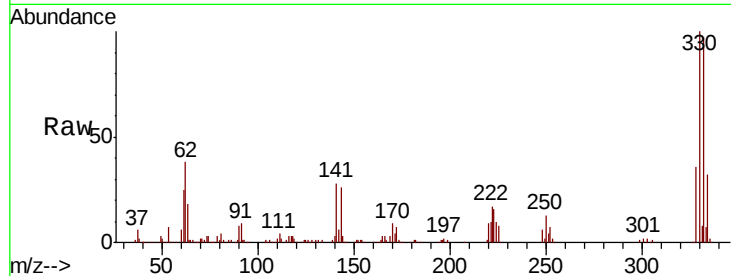




#42
 2,4,6-Tribromophenol
 Concen: 118.548 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG043443.D
 Acq: 31 Oct 2019 20:59

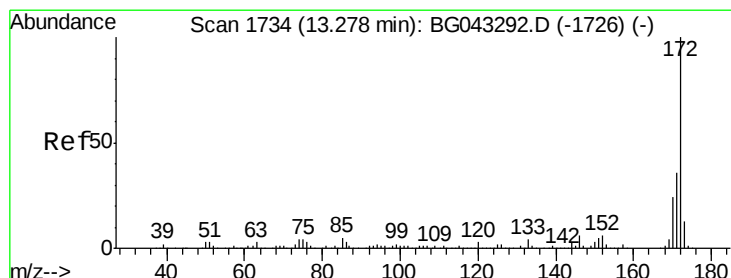
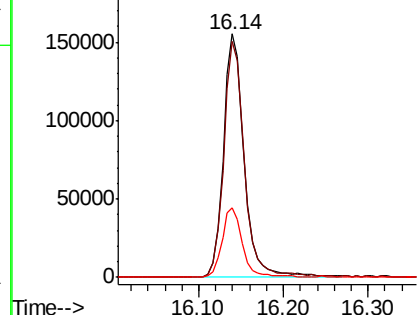
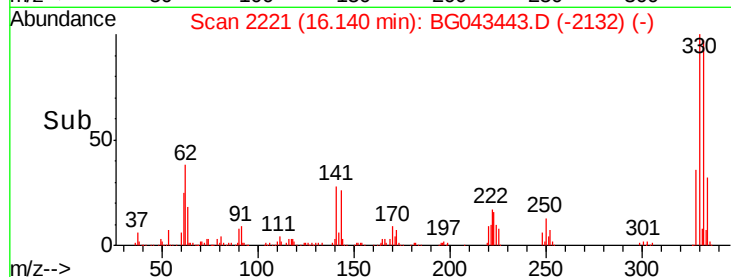
Instrument :
 BNA_G
 ClientSampleId :
 RBR-29

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.4	114.6
141	28.5	21.4	32.0



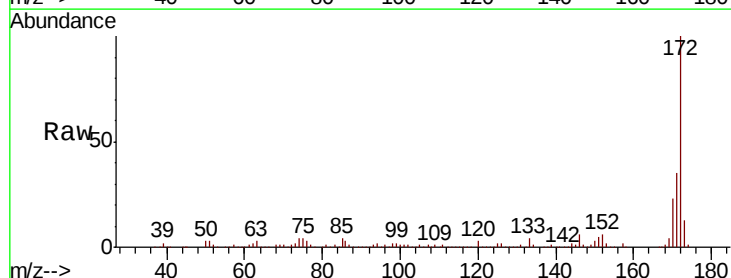
Abundance

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



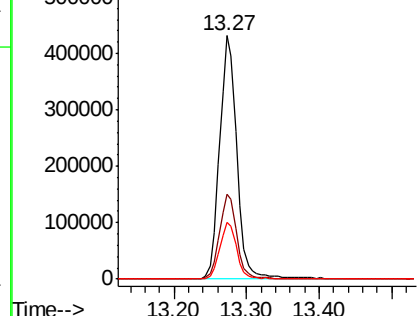
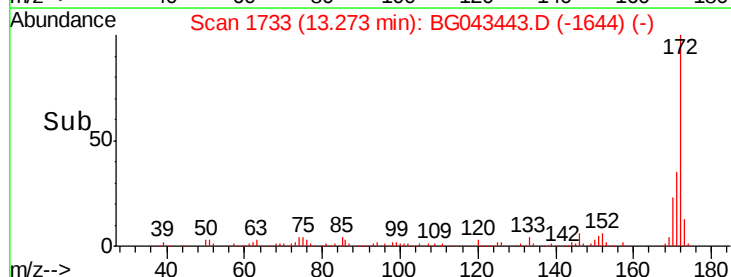
#45
 2-Fluorobiphenyl
 Concen: 83.946 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043443.D
 Acq: 31 Oct 2019 20:59

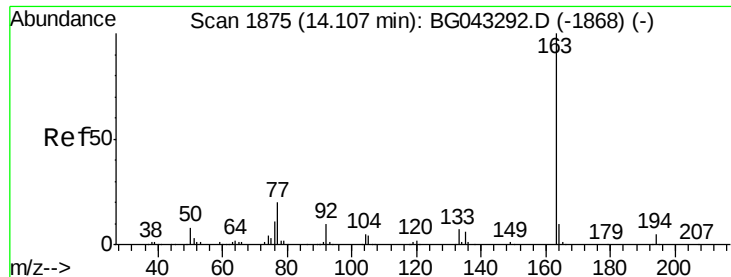
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.4	18.8	28.2



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

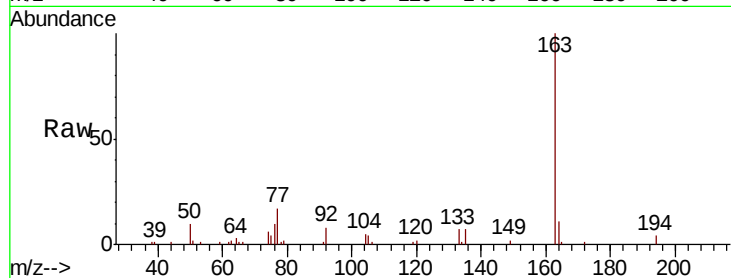




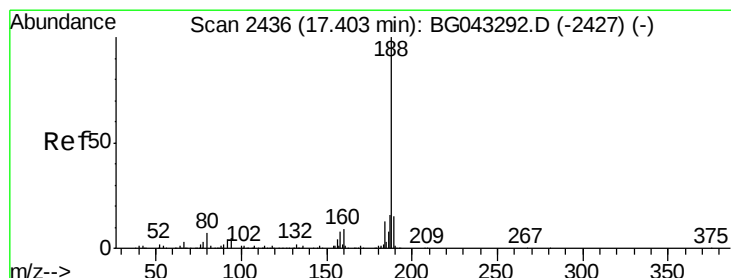
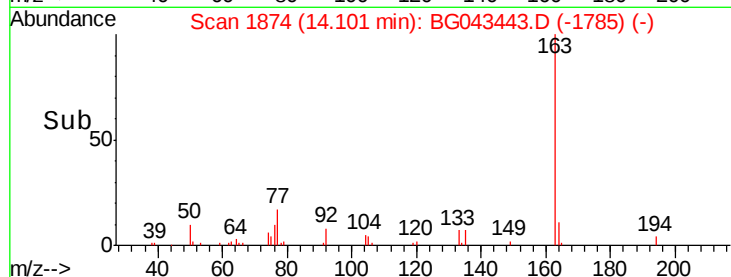
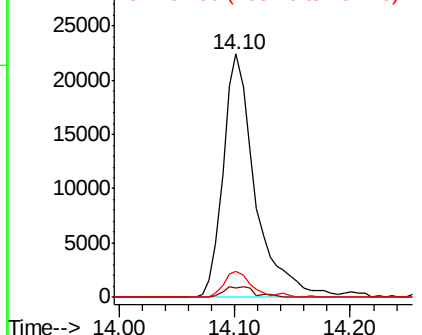
#50
Dimethylphthalate
Concen: 4.717 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043443.D
Acq: 31 Oct 2019 20:59

Instrument :
BNA_G
ClientSampleId :
RBR-29

Tot Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.8	3.7	5.5	
164	10.7	8.1	12.1	

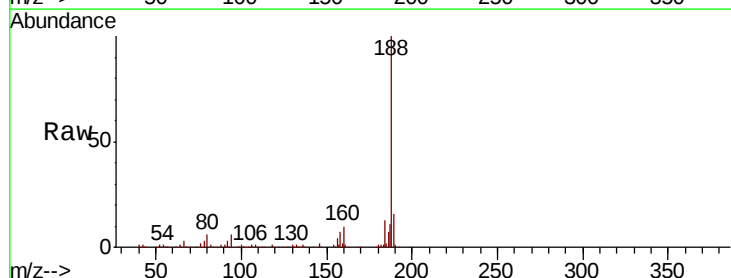


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

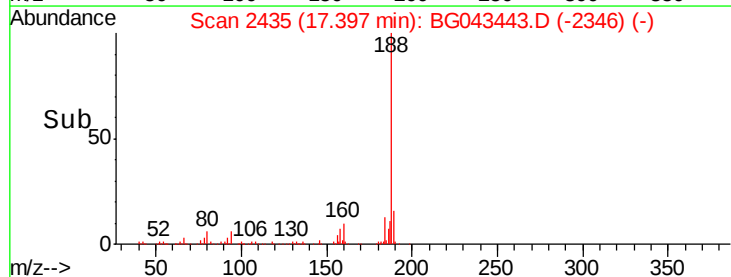
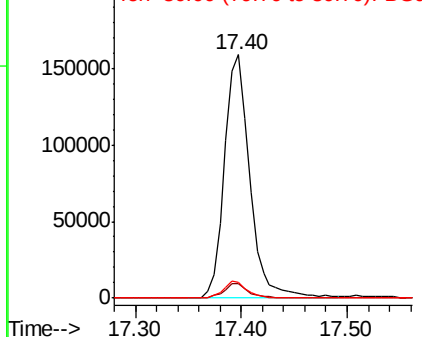


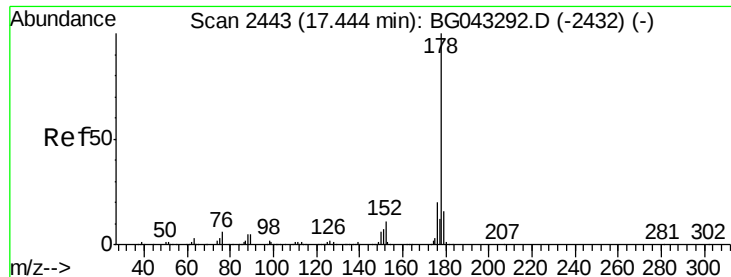
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043443.D
Acq: 31 Oct 2019 20:59

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.9	4.2	6.2	
80	6.5	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





#71

Phenanthrene

Concen: 2.874 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG043443.D

Acq: 31 Oct 2019 20:59

Instrument :

BNA_G

ClientSampleId :

RBR-29

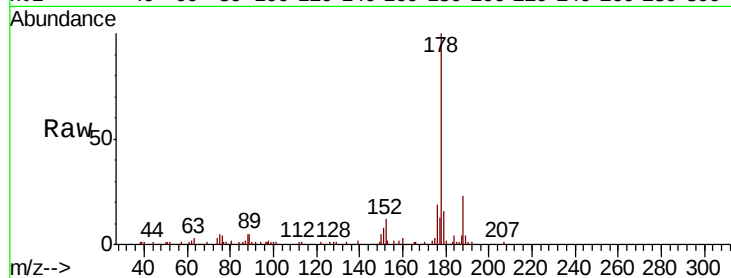
Tot Ion:178 Resp: 39121

Ion Ratio Lower Upper

178 100

176 18.6 15.8 23.8

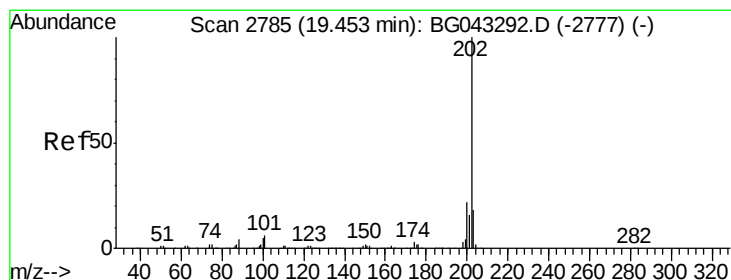
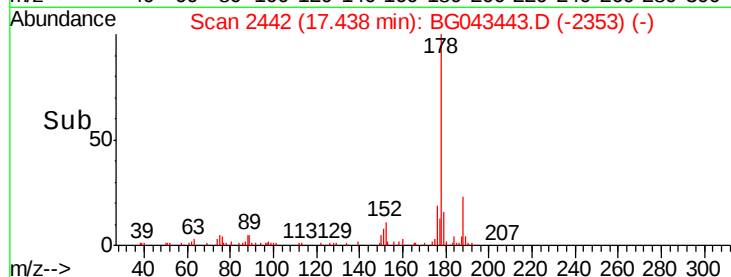
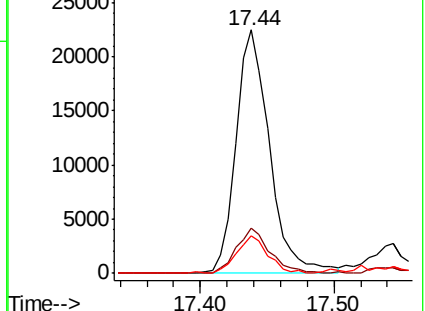
179 15.5 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 2.293 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043443.D

Acq: 31 Oct 2019 20:59

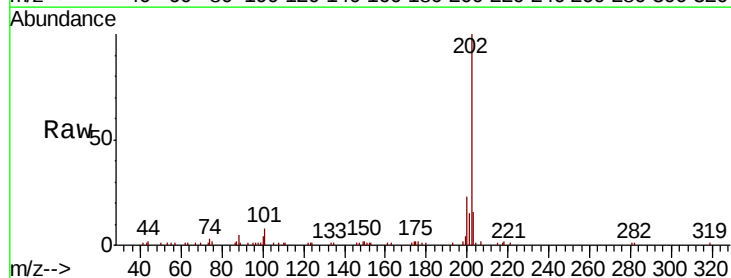
Tgt Ion:202 Resp: 40684

Ion Ratio Lower Upper

202 100

101 7.6 0.0 26.0

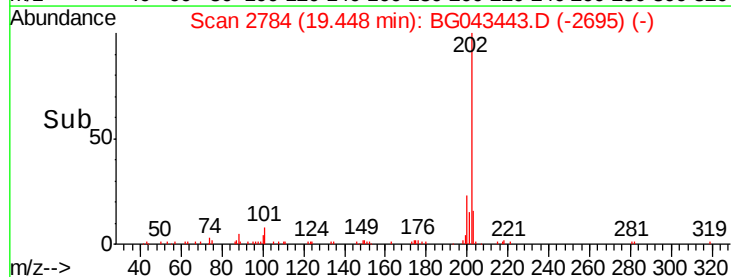
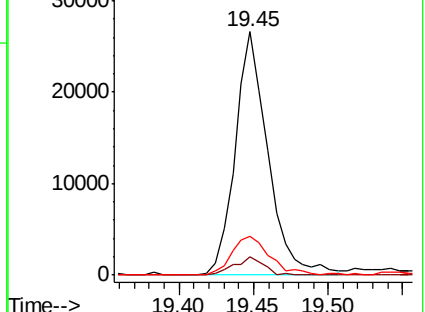
203 16.1 0.0 38.2

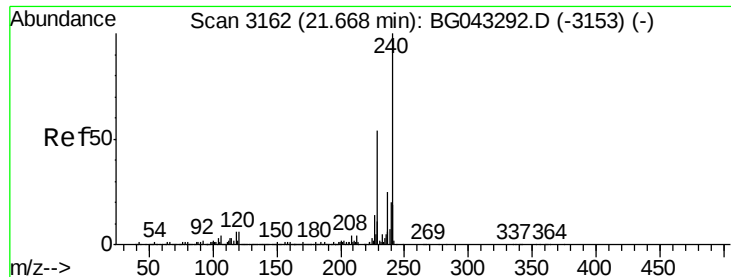


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

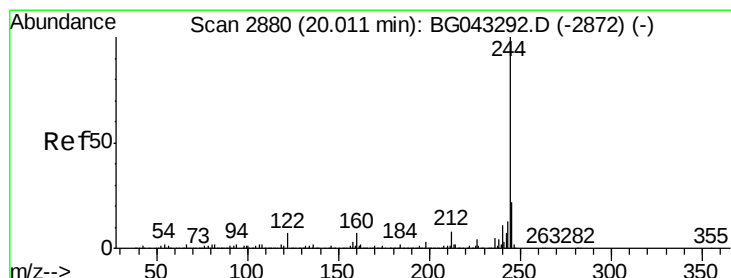
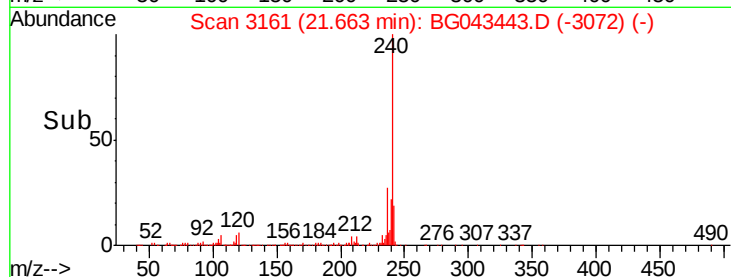
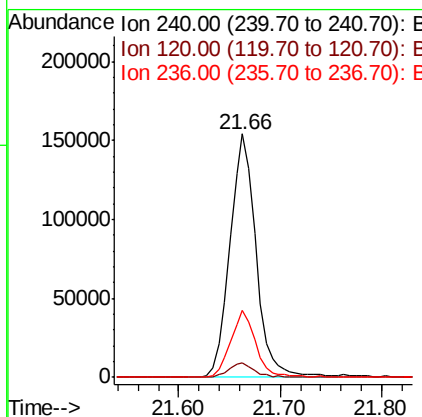
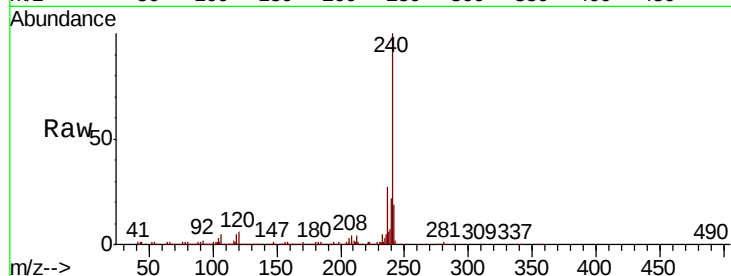




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043443.D
Acq: 31 Oct 2019 20:59

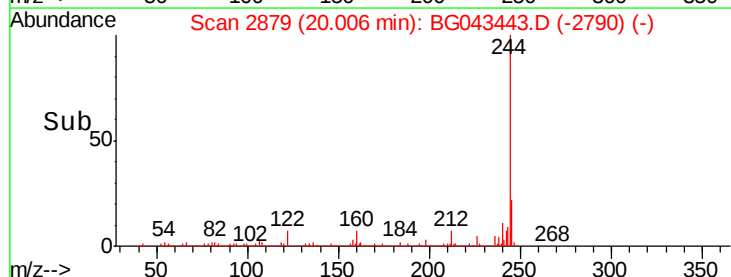
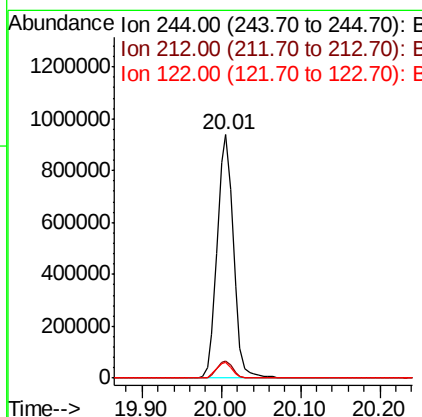
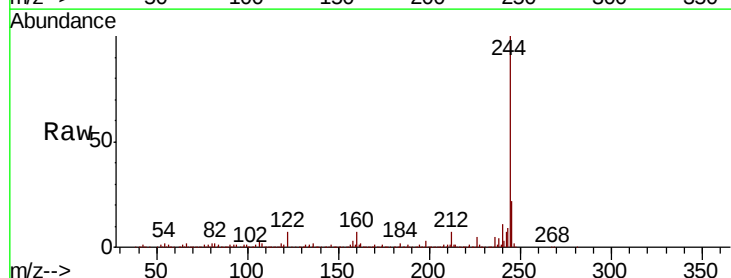
Instrument :
BNA_G
ClientSampleId :
RBR-29

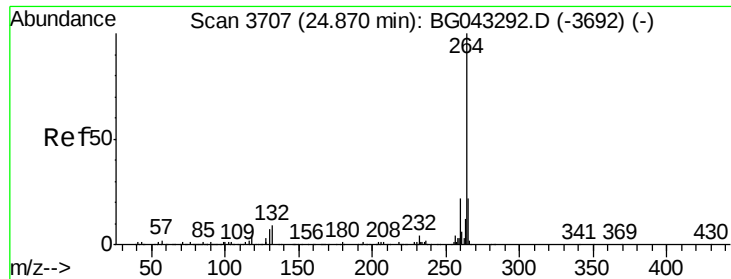
Tot Ion:240 Resp: 275729
Ion Ratio Lower Upper
240 100
120 6.2 4.6 7.0
236 27.3 20.2 30.4



#79
Terphenyl-d14
Concen: 91.003 ng
RT: 20.01 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043443.D
Acq: 31 Oct 2019 20:59

Tgt Ion:244 Resp: 1337489
Ion Ratio Lower Upper
244 100
212 7.2 6.4 9.6
122 6.6 5.3 7.9

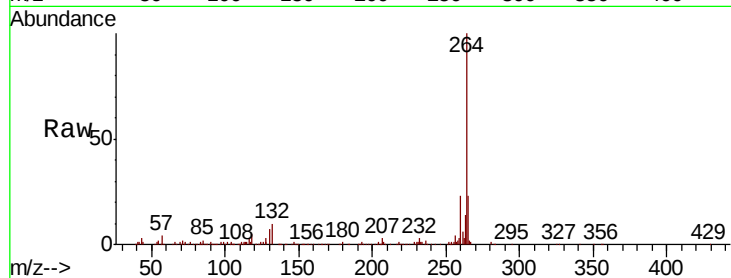




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3705
 Delta R.T. -0.01 min
 Lab File: BG043443.D
 Acq: 31 Oct 2019 20:59

Instrument :
 BNA_G
 ClientSampleId :
 RBR-29

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.9	26.9
265	22.8	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

