

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043600.D
 Acq On : 12 Nov 2019 1:48
 Operator : JU
 Sample : K5760-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-30

Quant Time: Nov 12 08:13:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	29715	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	114112	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	92753	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	221374	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	202496	20.00	ng	-0.01
87) Perylene-d12	24.82	264	242618	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	14438	8.90	ng	0.00
7) Phenol-d6	7.21	99	12792	5.48	ng	0.01
23) Nitrobenzene-d5	9.19	82	18809	8.50	ng	0.01
42) 2,4,6-Tribromophenol	16.13	330	17981	10.19	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	59738	8.90	ng	0.00
79) Terphenyl-d14	19.99	244	100067	9.27	ng	-0.01

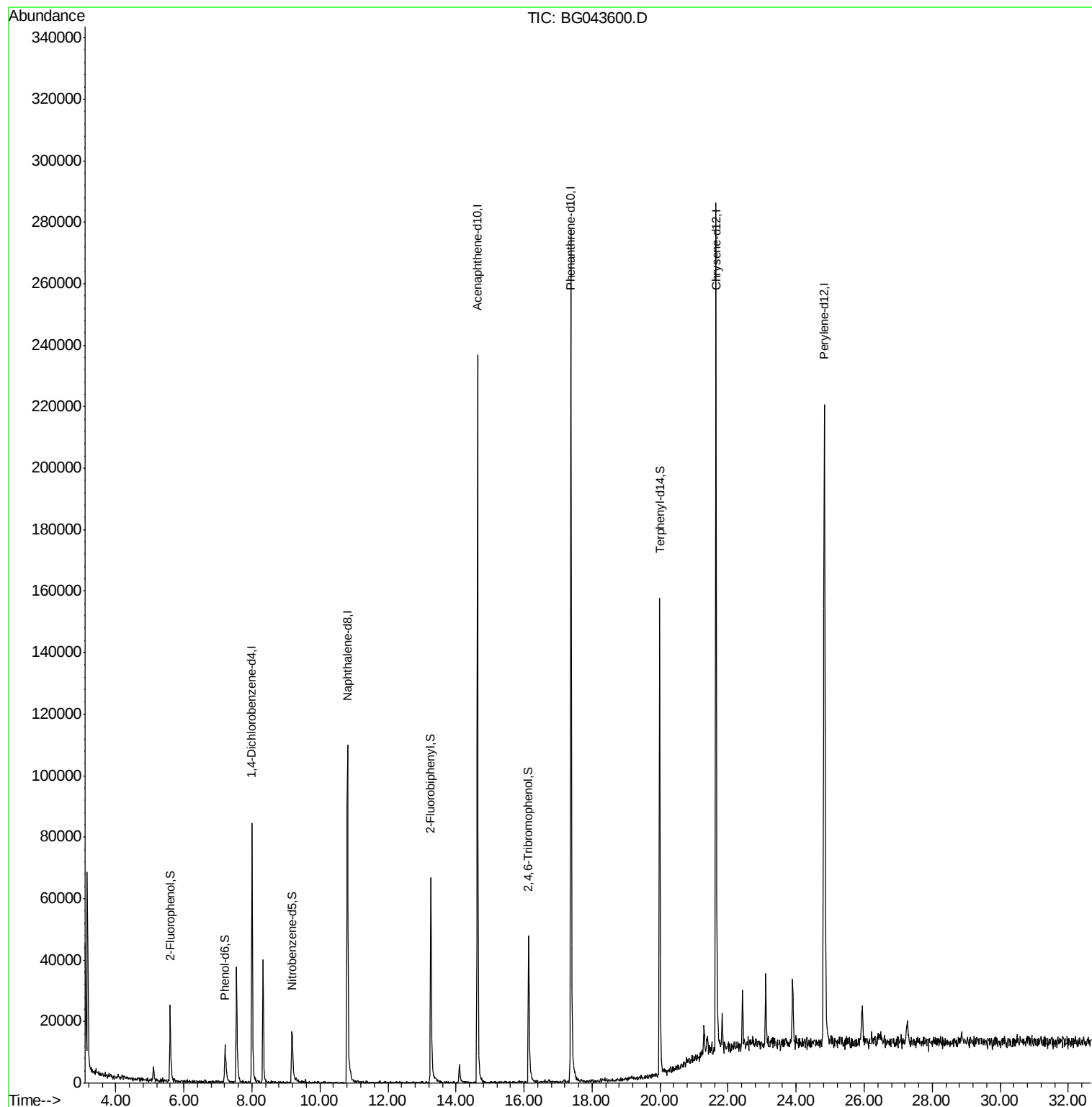
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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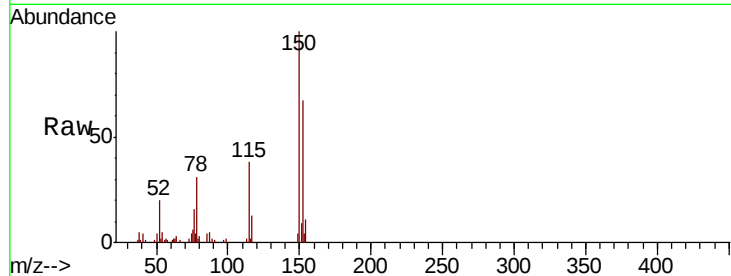


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043600.D
Acq: 12 Nov 2019 1:48

Instrument :
BNA_G
ClientSampleId :
RBR-30

Tot Ion	152	Resp	29715
Ion	Ratio	Lower	Upper
152	100		
150	148.7	129.4	194.0
115	56.5	48.8	73.2

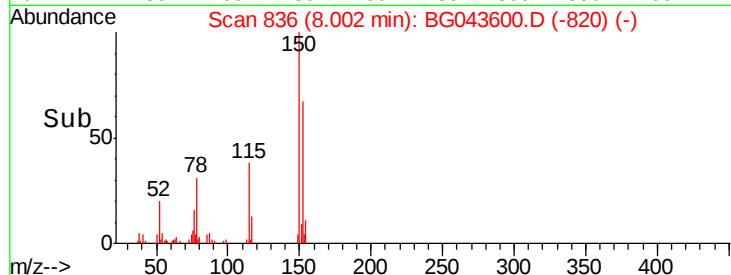
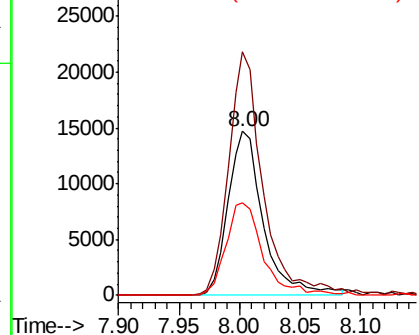


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

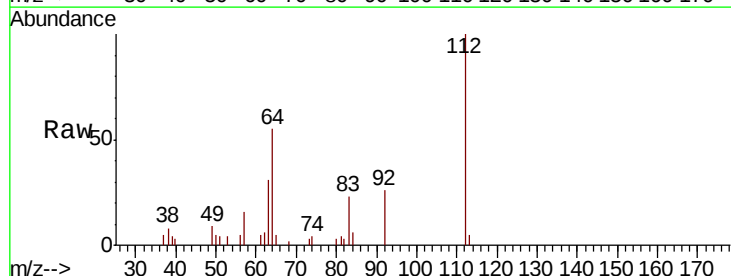
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 8.904 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG043600.D
Acq: 12 Nov 2019 1:48

Tgt Ion	112	Resp	14438
Ion	Ratio	Lower	Upper
112	100		
64	54.7	50.0	75.0
63	31.2	26.6	40.0

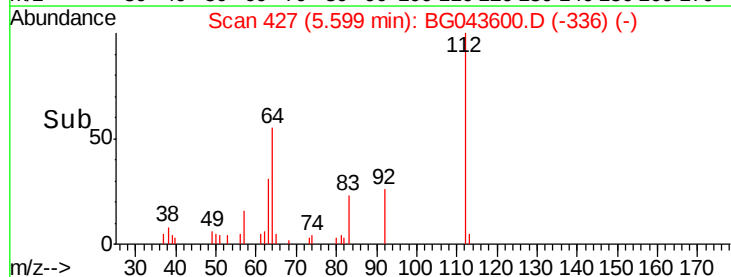
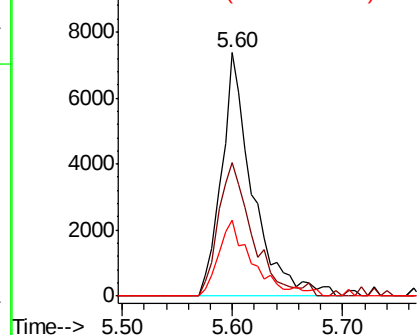


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 5.483 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043600.D

Acq: 12 Nov 2019 1:48

Instrument :

BNA_G

ClientSampled :

RBR-30

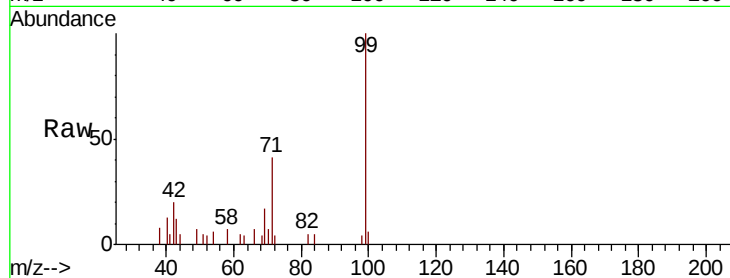
Tot Ion: 99 Resp: 12792

Ion Ratio Lower Upper

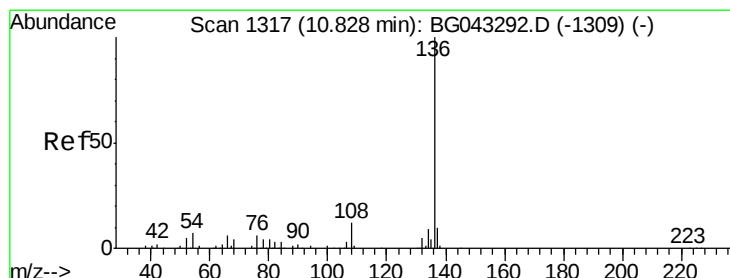
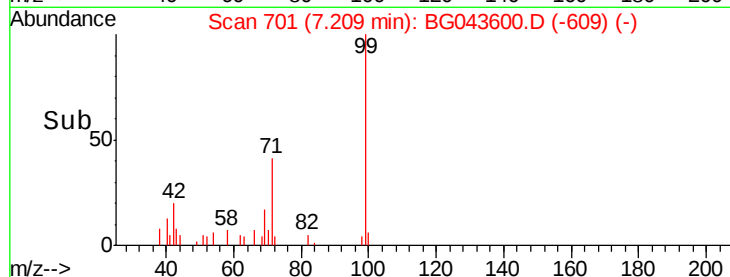
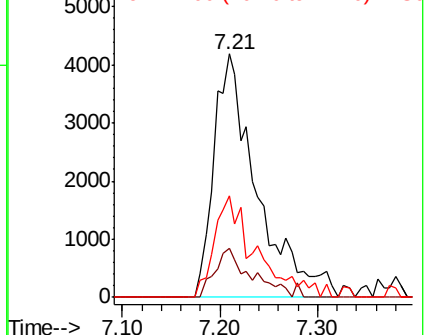
99 100

42 20.3 14.6 21.8

71 41.5 32.5 48.7



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: 10.81 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BG043600.D

Acq: 12 Nov 2019 1:48

Tgt Ion: 136 Resp: 114112

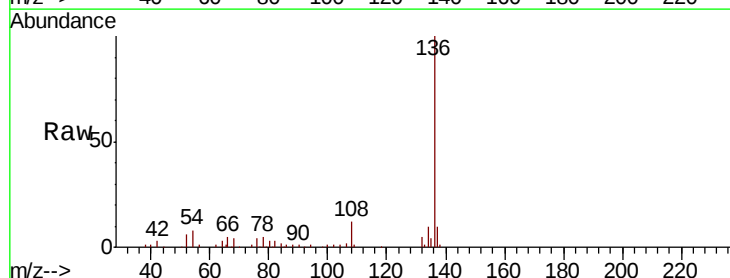
Ion Ratio Lower Upper

136 100

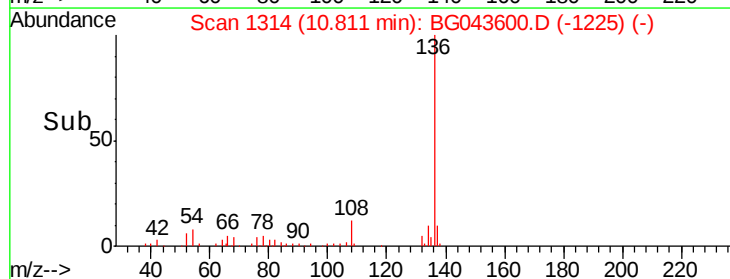
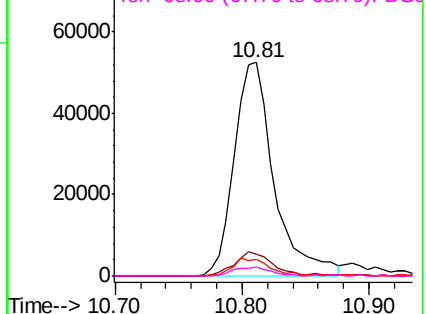
137 10.0 8.7 13.1

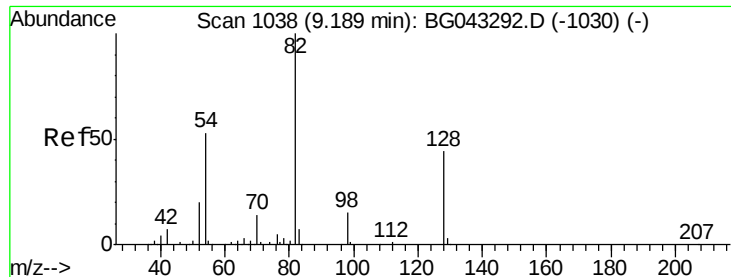
54 7.8 5.4 8.2

68 4.1 3.0 4.4



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

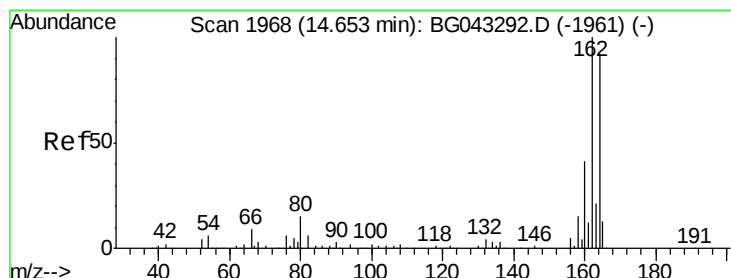
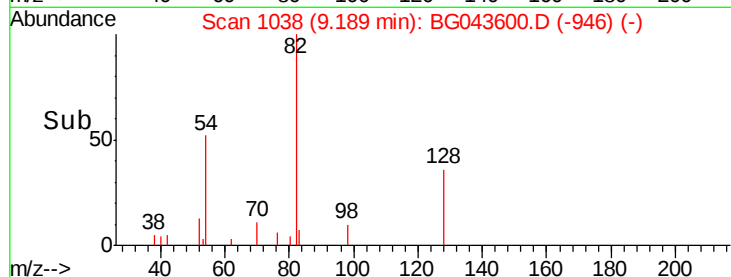
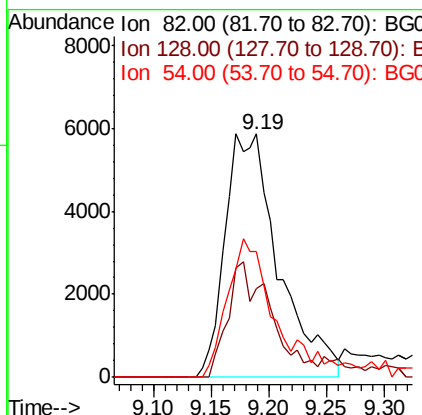
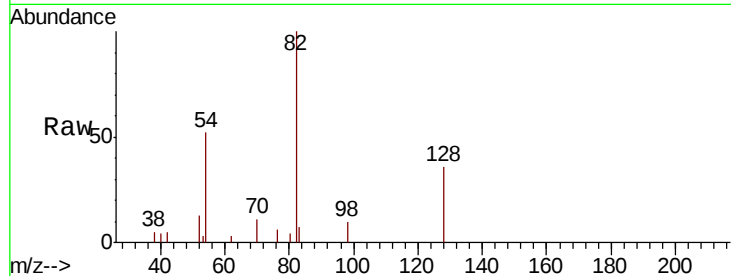




#23
 Nitrobenzene-d5
 Concen: 8.498 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. 0.01 min
 Lab File: BG043600.D
 Acq: 12 Nov 2019 1:48

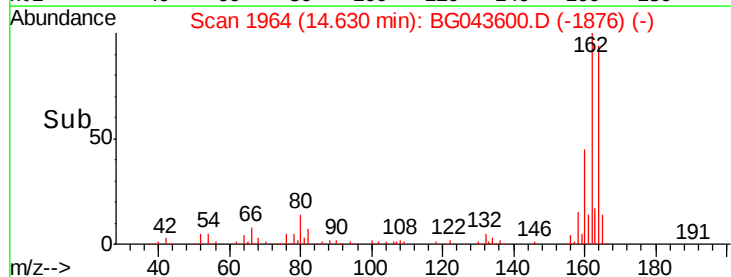
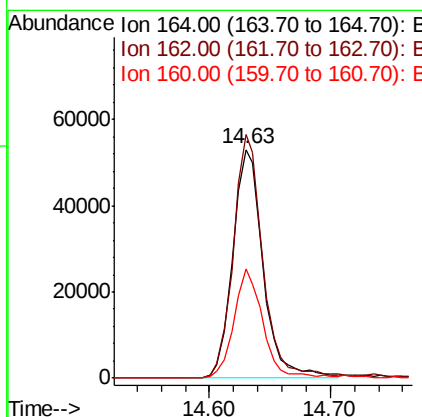
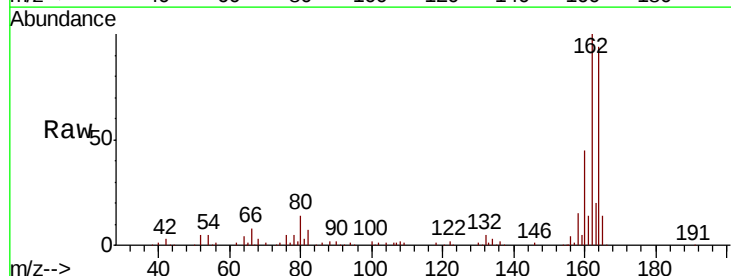
Instrument :
 BNA_G
 ClientSampleId :
 RBR-30

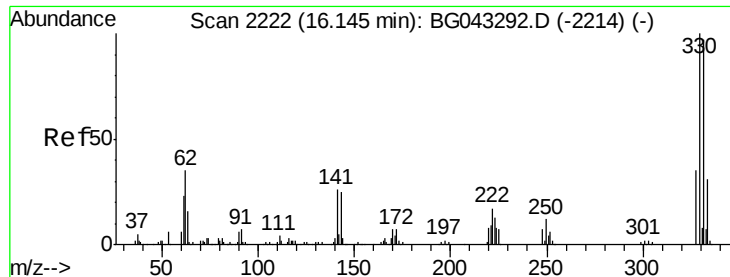
Tot Ion	82	Resp	18809
Ion Ratio	Lower	Upper	
82	100		
128	36.2	35.0	52.6
54	51.7	40.2	60.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BG043600.D
 Acq: 12 Nov 2019 1:48

Tgt Ion	164	Resp	92753
Ion Ratio	Lower	Upper	
164	100		
162	106.6	83.5	125.3
160	47.6	36.5	54.7

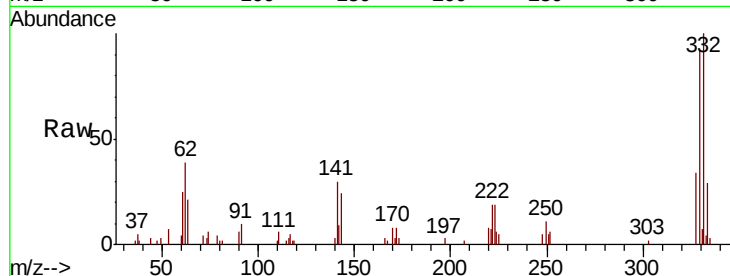




#42
 2,4,6-Tribromophenol
 Concen: 10.187 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. 0.00 min
 Lab File: BG043600.D
 Acq: 12 Nov 2019 1:48

Instrument :
 BNA_G
 ClientSampleId :
 RBR-30

Tot Ion	Ratio	Lower	Upper
330	100		
332	90.3	77.4	116.0
141	28.1	22.8	34.2

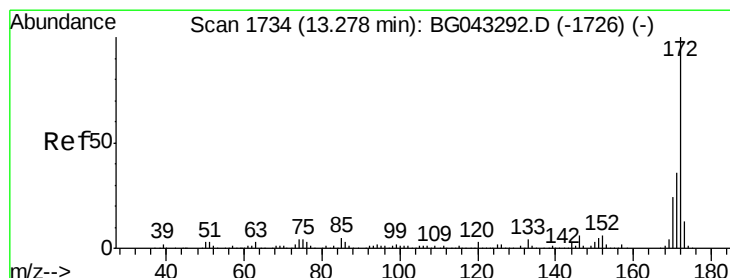
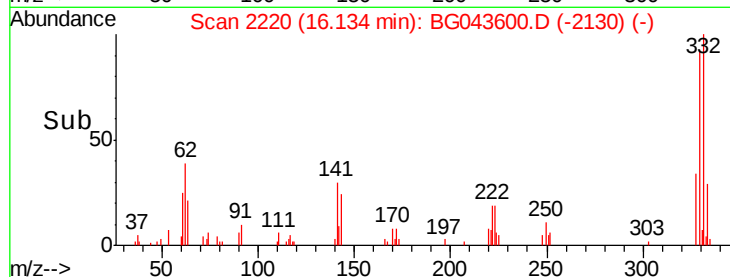
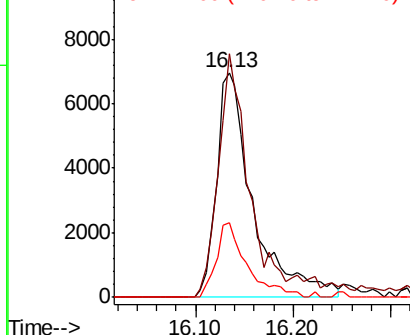


Abundance

Ion 329.80 (329.50 to 330.50): E

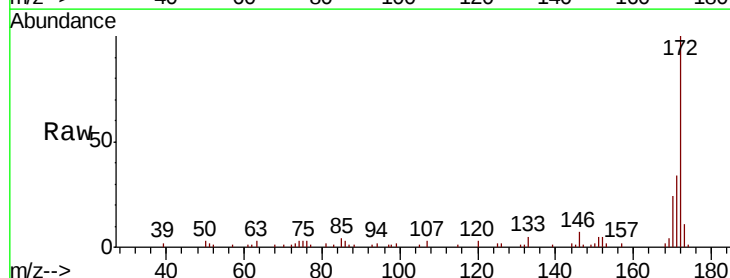
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 8.900 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043600.D
 Acq: 12 Nov 2019 1:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.9	43.3
170	23.6	18.5	27.7

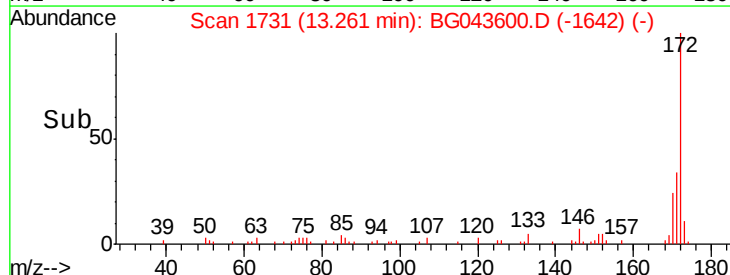
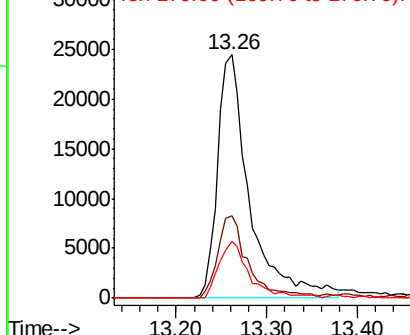


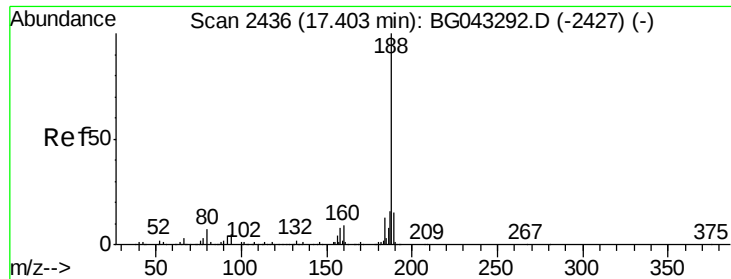
Abundance

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

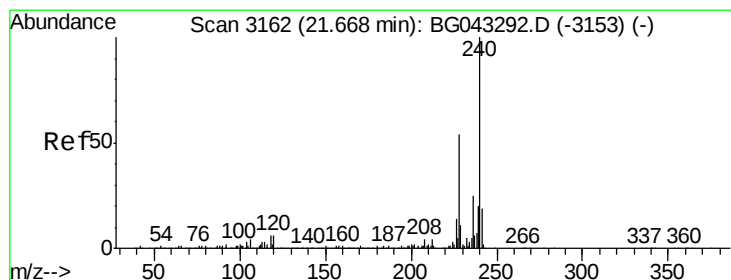
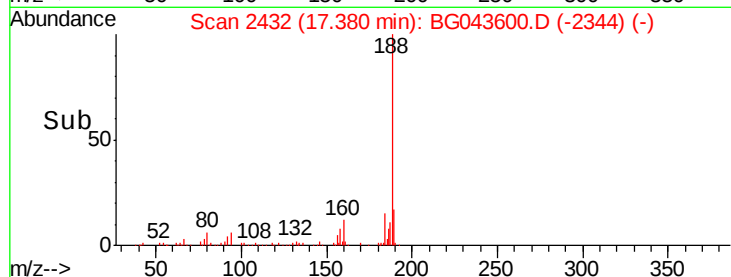
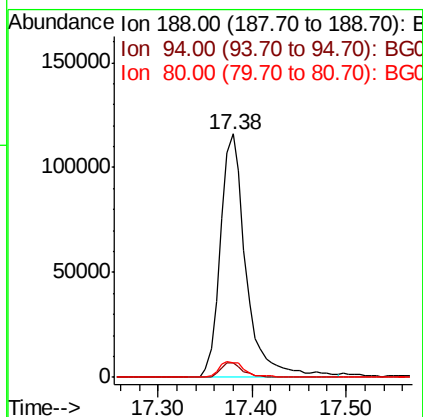
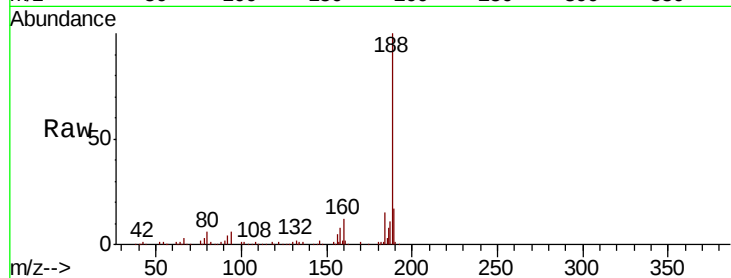




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043600.D
Acq: 12 Nov 2019 1:48

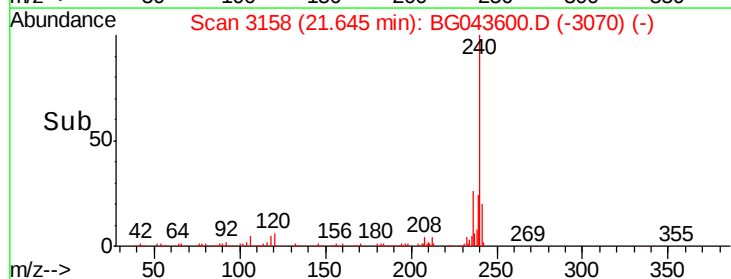
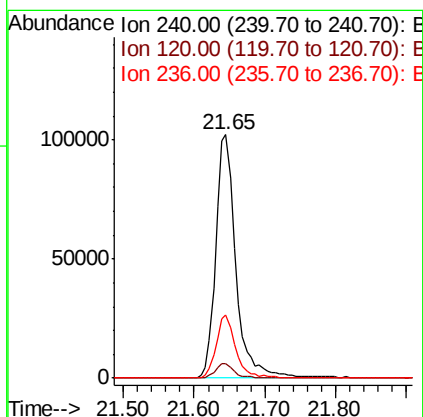
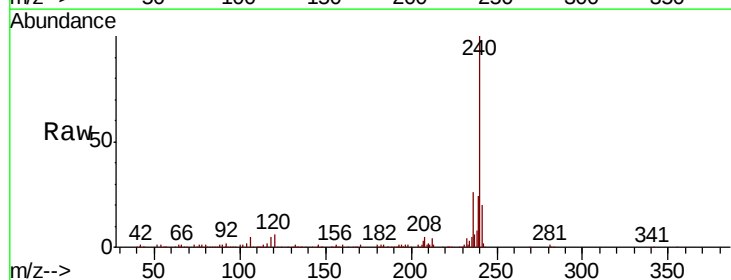
Instrument :
BNA_G
ClientSampleId :
RBR-30

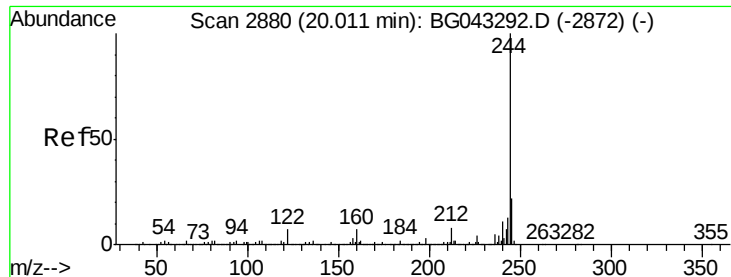
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.2	6.4
80	6.2	4.5	6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043600.D
Acq: 12 Nov 2019 1:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.6	6.8
236	25.7	19.8	29.8





#79

Terphenyl-d14

Concen: 9.271 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043600.D

Acq: 12 Nov 2019 1:48

Instrument :

BNA_G

ClientSampleId :

RBR-30

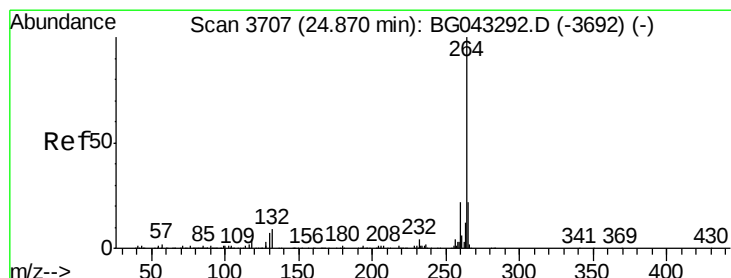
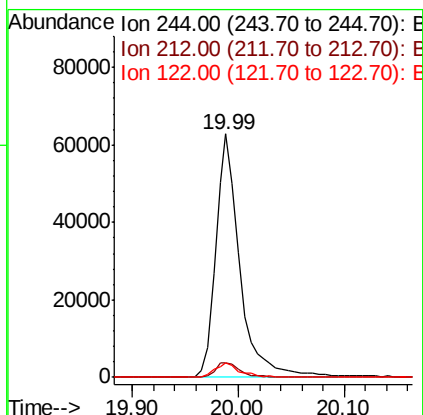
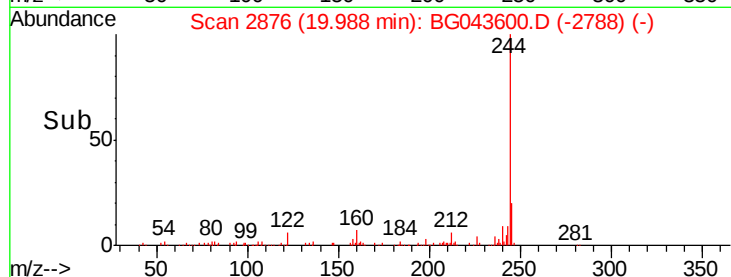
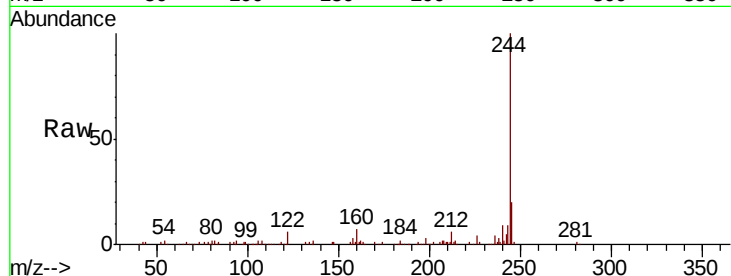
Tot Ion:244 Resp: 100067

Ion Ratio Lower Upper

244 100

212 6.2 5.8 8.6

122 5.9 5.4 8.2



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.03 min

Lab File: BG043600.D

Acq: 12 Nov 2019 1:48

Tgt Ion:264 Resp: 242618

Ion Ratio Lower Upper

264 100

260 22.3 17.5 26.3

265 22.0 17.4 26.0

