

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
 Data File : BG043610.D
 Acq On : 12 Nov 2019 9:59
 Operator : JU
 Sample : K5760-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-30

Quant Time: Nov 12 10:39:41 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	30638	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	116158	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	82680	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	195744	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	206856	20.00	ng	-0.01
87) Perylene-d12	24.83	264	244542	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	86076	51.48	ng	0.00
7) Phenol-d6	7.21	99	109687	45.60	ng	0.00
23) Nitrobenzene-d5	9.16	82	114372	50.76	ng	-0.01
42) 2,4,6-Tribromophenol	16.12	330	70894	45.06	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	311028	51.98	ng	-0.01
79) Terphenyl-d14	19.99	244	596277	54.08	ng	-0.01

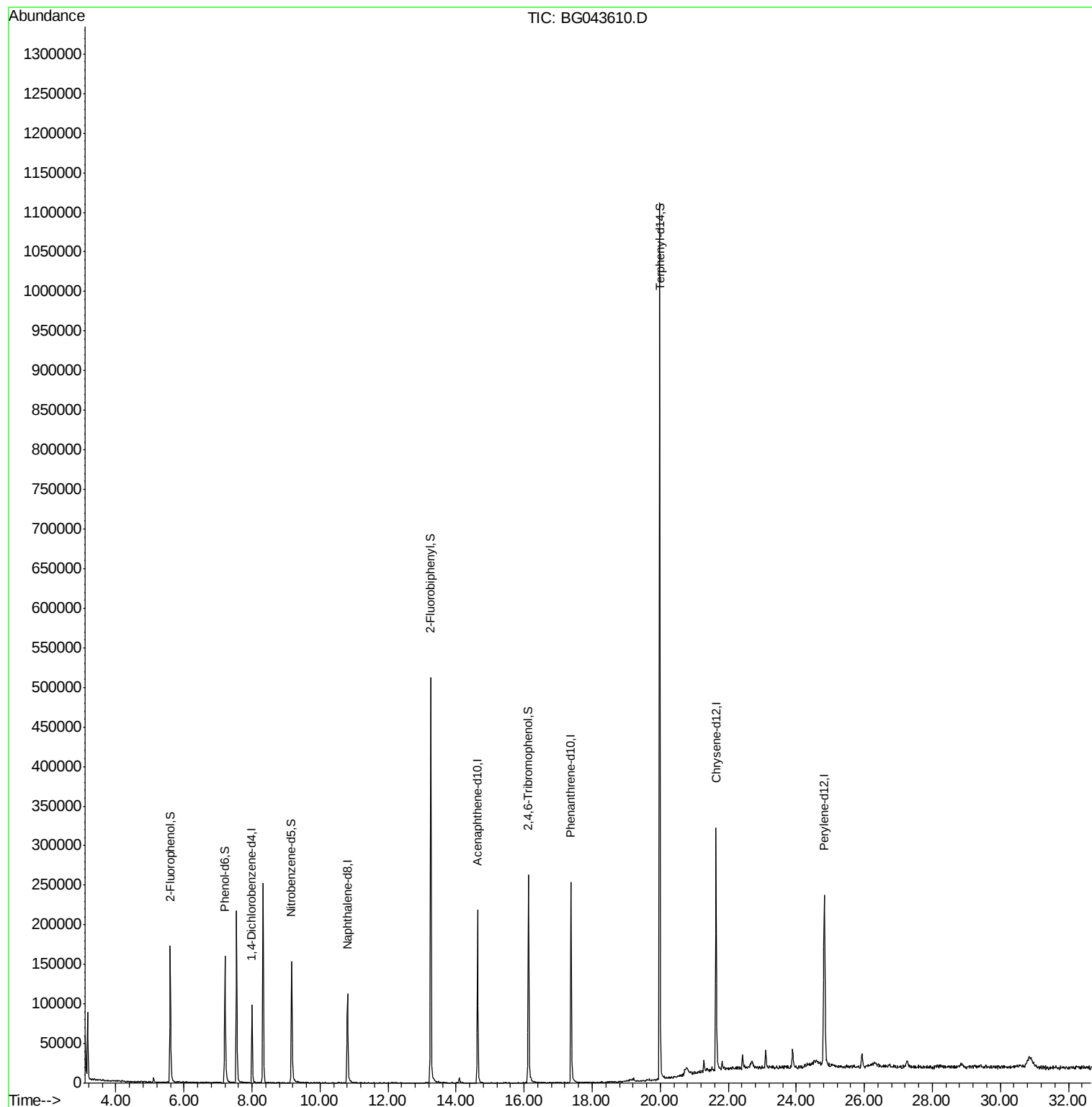
Target Compounds Qvalue

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

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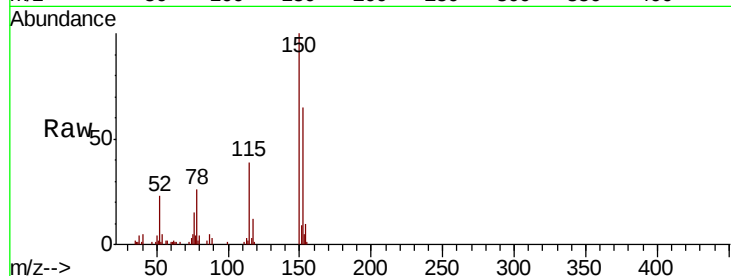


#1

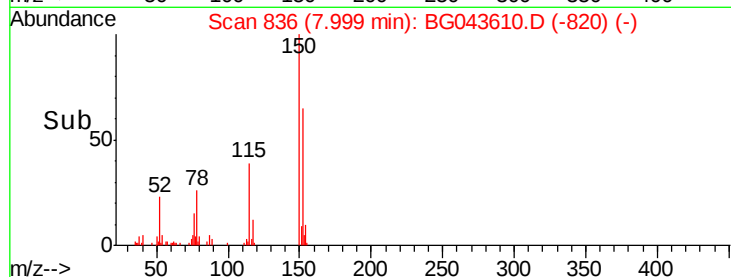
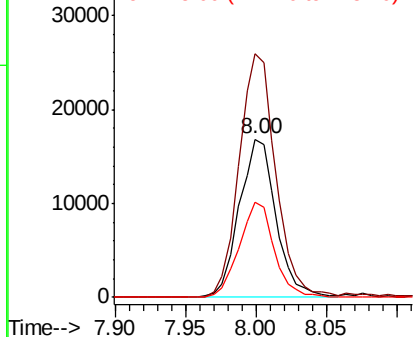
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043610.D
Acq: 12 Nov 2019 9:59

Instrument :
BNA_G
ClientSampleId :
RBR-30

Tot Ion	152	Resp	30638
Ion Ratio	Lower	Upper	
152	100		
150	153.7	129.4	194.0
115	59.9	48.8	73.2



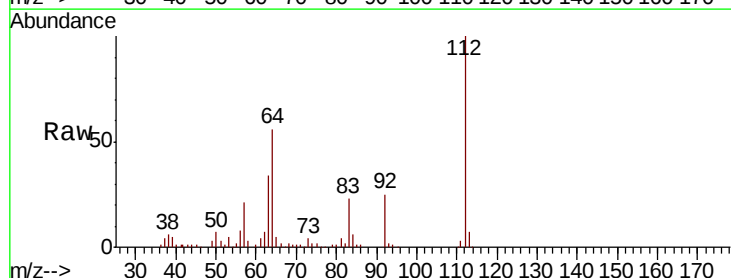
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



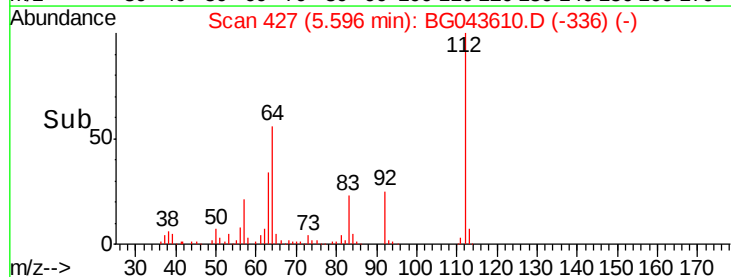
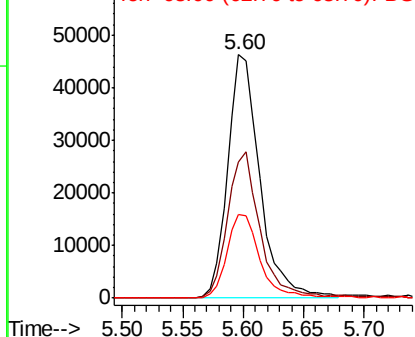
#5

2-Fluorophenol
Concen: 51.482 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043610.D
Acq: 12 Nov 2019 9:59

Tgt Ion	112	Resp	86076
Ion Ratio	Lower	Upper	
112	100		
64	55.8	50.0	75.0
63	34.2	26.6	40.0



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: 45.597 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043610.D

Acq: 12 Nov 2019 9:59

Instrument :

BNA_G

ClientSampleId :

RBR-30

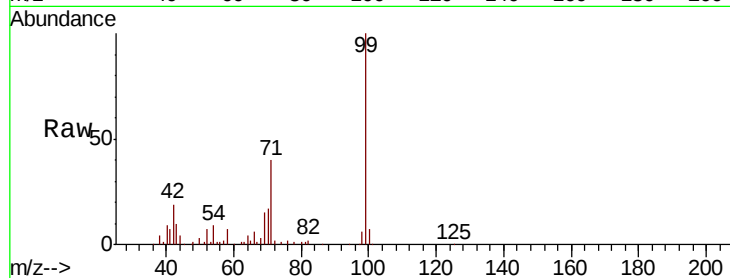
Tot Ion: 99 Resp: 109687

Ion Ratio Lower Upper

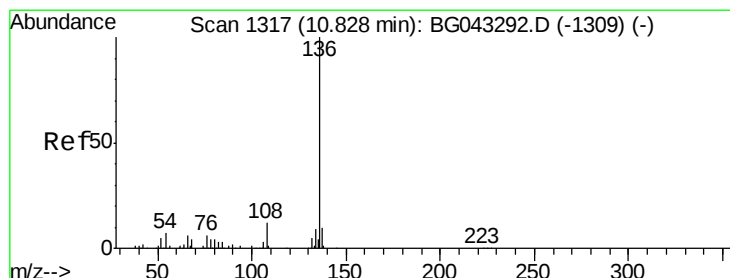
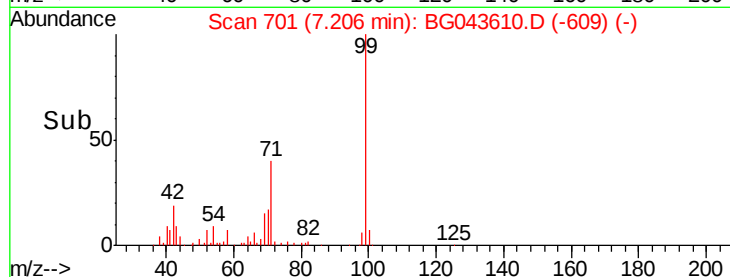
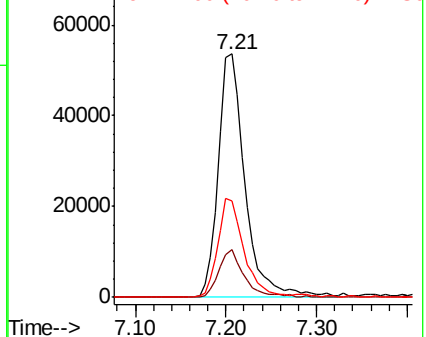
99 100

42 19.4 14.6 21.8

71 39.7 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: BG043610.D

Acq: 12 Nov 2019 9:59

Tgt Ion: 136 Resp: 116158

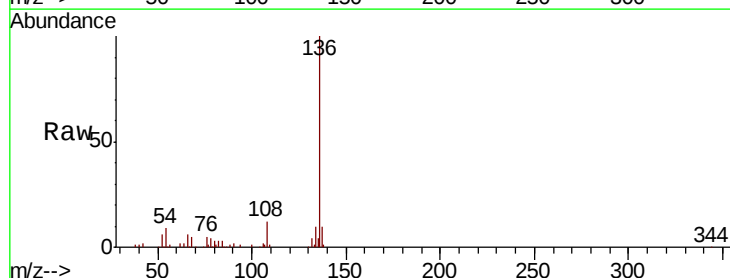
Ion Ratio Lower Upper

136 100

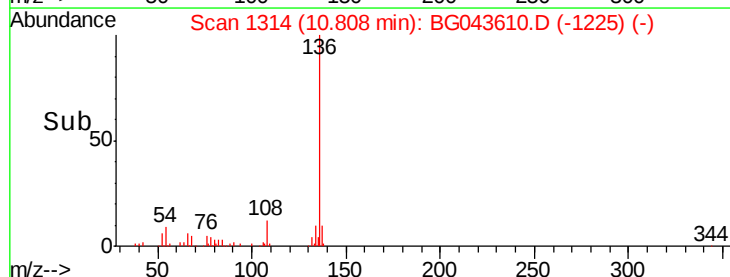
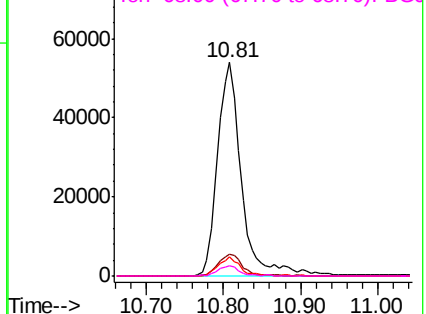
137 10.2 8.7 13.1

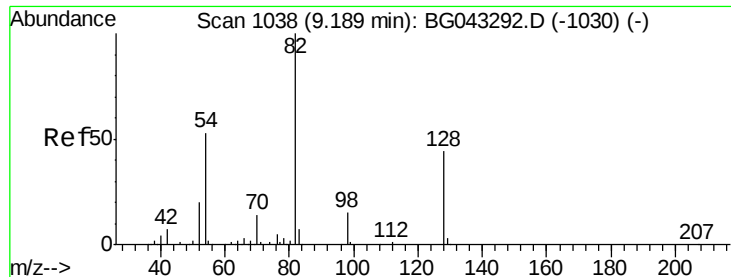
54 8.8 5.4 8.2#

68 4.5 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

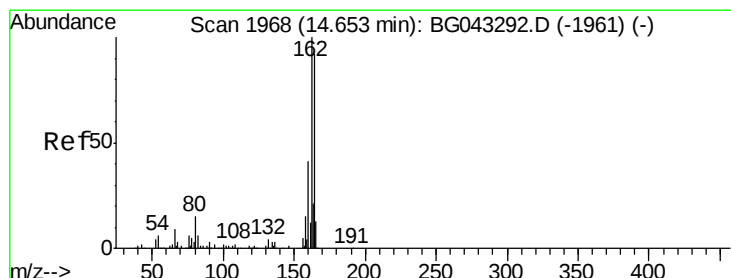
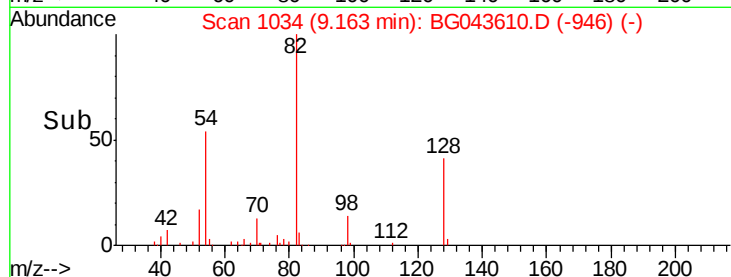
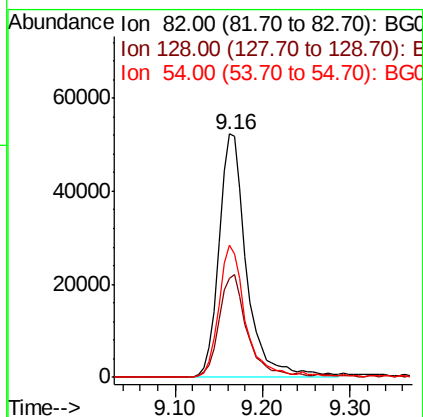
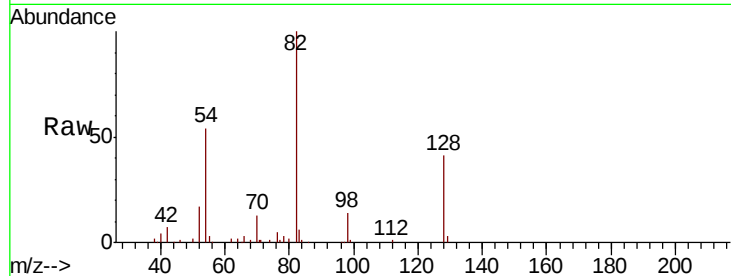




#23
Nitrobenzene-d5
Concen: 50.762 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043610.D
Acq: 12 Nov 2019 9:59

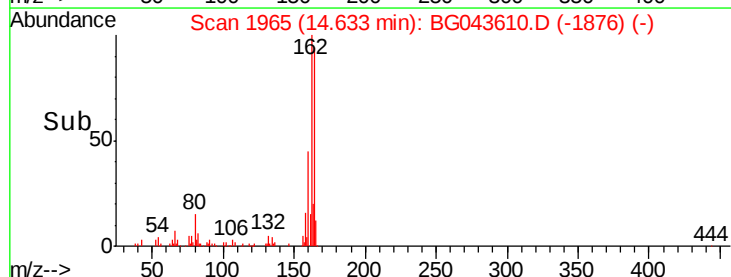
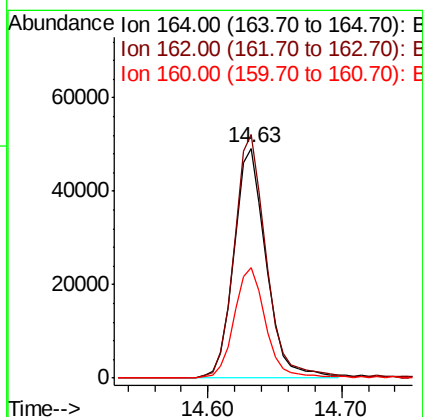
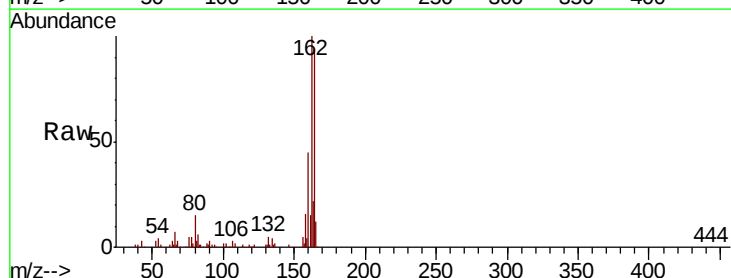
Instrument :
BNA_G
ClientSampleId :
RBR-30

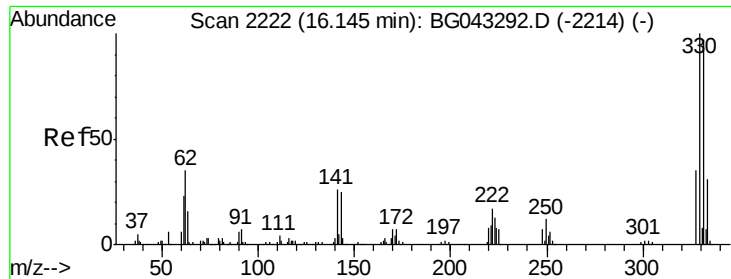
Tot Ion: 82 Resp: 114372
Ion Ratio Lower Upper
82 100
128 40.8 35.0 52.6
54 54.1 40.2 60.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG043610.D
Acq: 12 Nov 2019 9:59

Tgt Ion:164 Resp: 82680
Ion Ratio Lower Upper
164 100
162 106.0 83.5 125.3
160 47.9 36.5 54.7

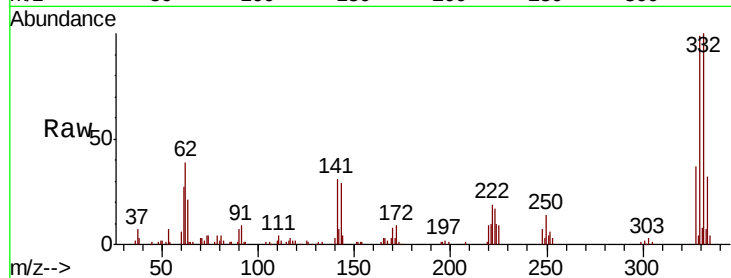




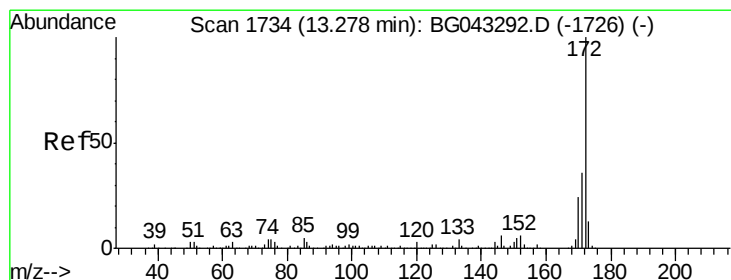
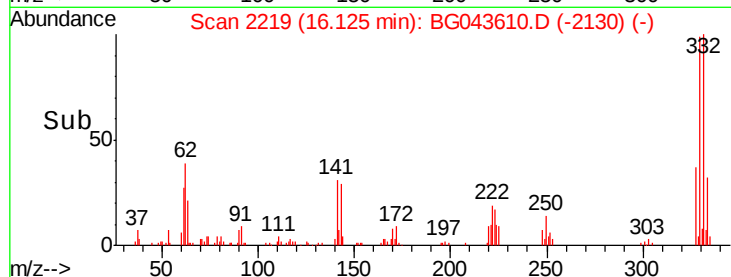
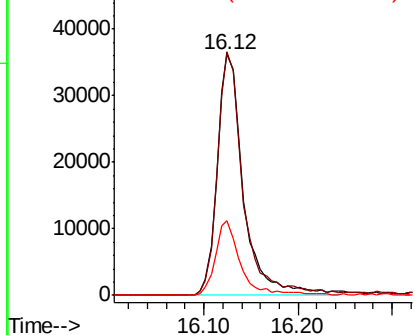
#42
 2,4,6-Tribromophenol
 Concen: 45.058 ng
 RT: 16.12 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG043610.D
 Acq: 12 Nov 2019 9:59

Instrument :
 BNA_G
 ClientSampleId :
 RBR-30

Tot Ion:330 Resp: 70894
 Ion Ratio Lower Upper
 330 100
 332 100.5 77.4 116.0
 141 29.2 22.8 34.2

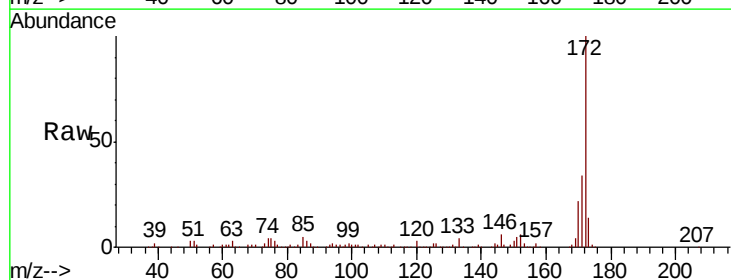


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

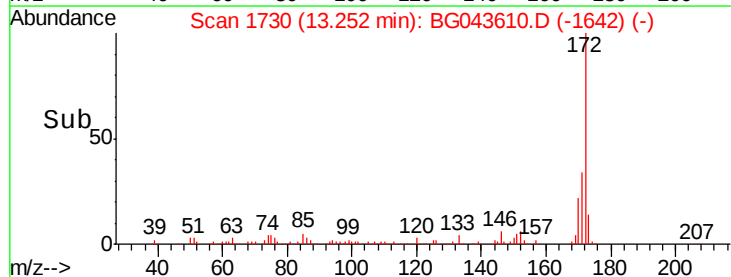
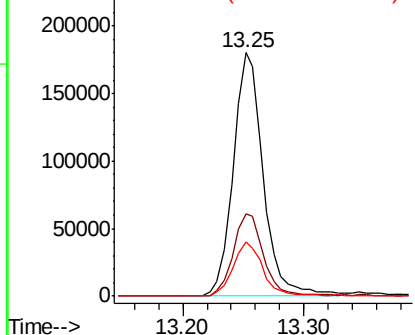


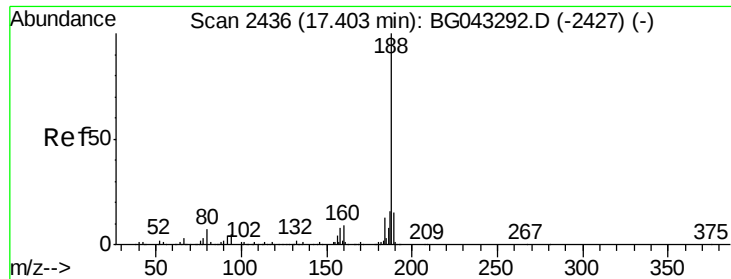
#45
 2-Fluorobiphenyl
 Concen: 51.981 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG043610.D
 Acq: 12 Nov 2019 9:59

Tgt Ion:172 Resp: 311028
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.9 43.3
 170 22.3 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

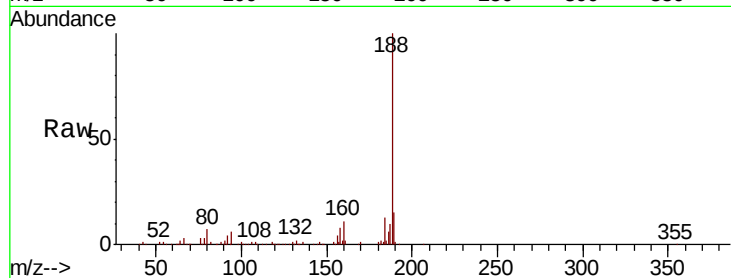




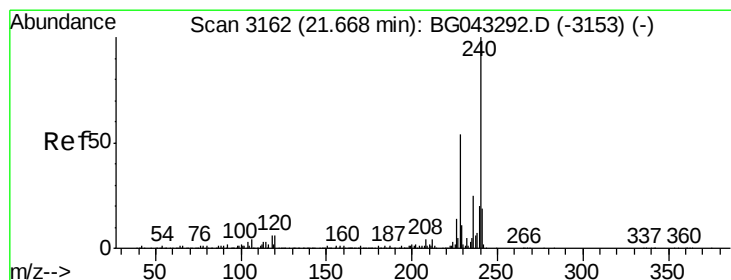
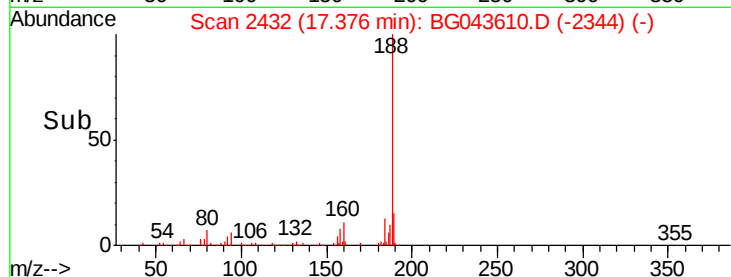
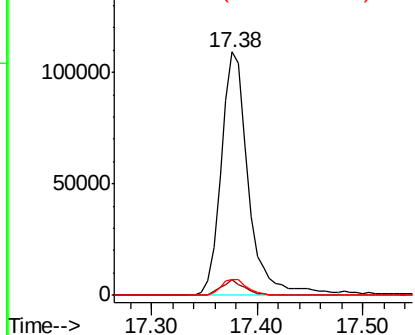
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043610.D
Acq: 12 Nov 2019 9:59

Instrument :
BNA_G
ClientSampled :
RBR-30

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.2	6.4
80	6.6	4.5	6.7

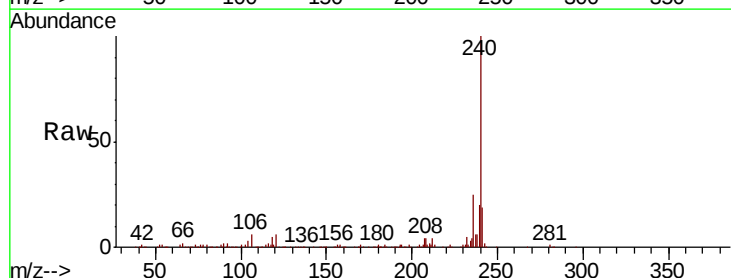


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

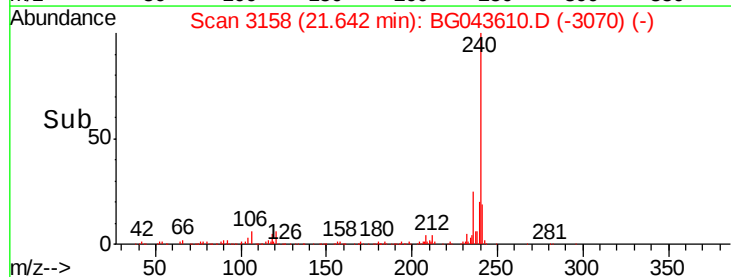
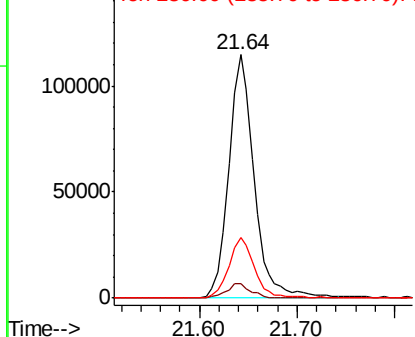


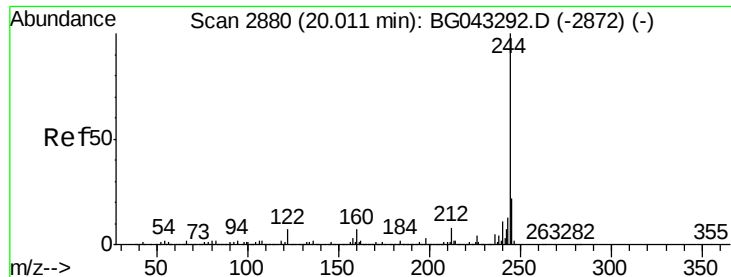
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043610.D
Acq: 12 Nov 2019 9:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.6	6.8
236	24.8	19.8	29.8



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: 54.079 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043610.D

Acq: 12 Nov 2019 9:59

Instrument :

BNA_G

ClientSampled :

RBR-30

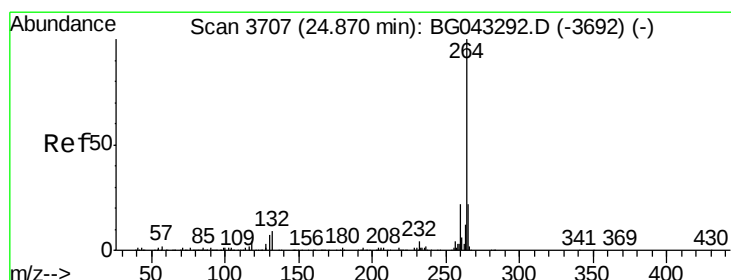
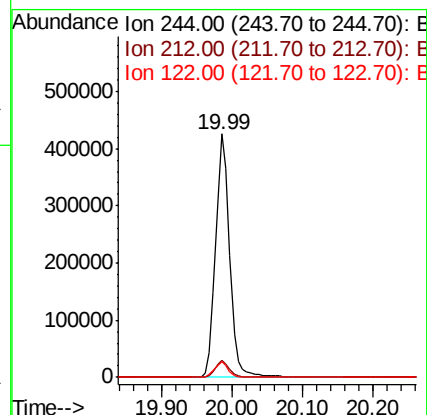
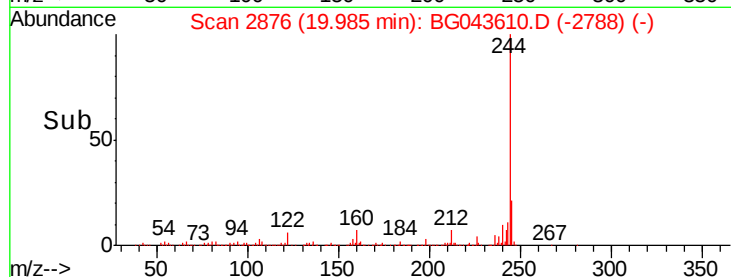
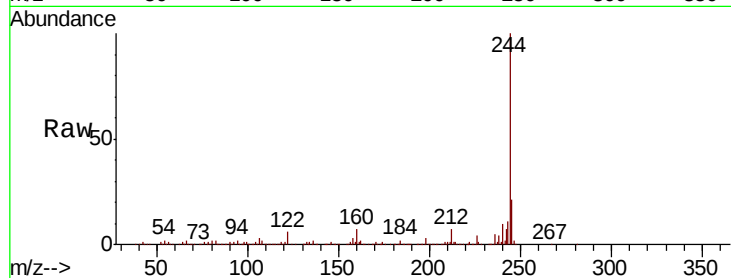
Tot Ion:244 Resp: 596277

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 6.3 5.4 8.2



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3700

Delta R.T. -0.03 min

Lab File: BG043610.D

Acq: 12 Nov 2019 9:59

Tgt Ion:264 Resp: 244542

Ion Ratio Lower Upper

264 100

260 22.1 17.5 26.3

265 22.4 17.4 26.0

