

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
 Data File : BG044005.D
 Acq On : 10 Jan 2020 16:53
 Operator : JU
 Sample : L1070-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200059

Quant Time: Jan 11 04:57:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

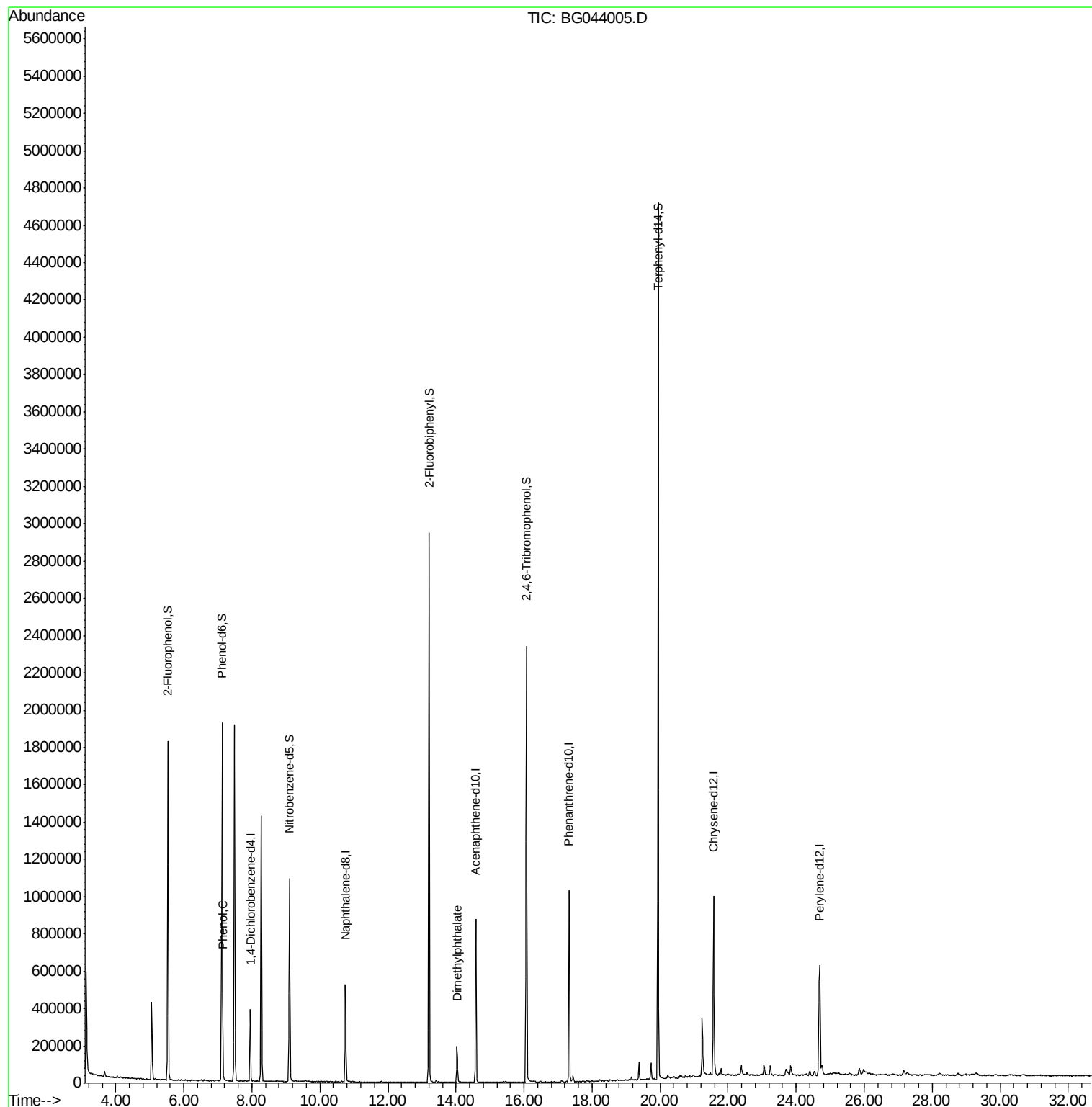
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	110672	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	465327	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	300720	20.00	ng	-0.02
64) Phenanthrene-d10	17.33	188	637460	20.00	ng	0.00
76) Chrysene-d12	21.57	240	561011	20.00	ng	-0.02
87) Perylene-d12	24.69	264	622038	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	856687	142.13	ng	0.00
7) Phenol-d6	7.12	99	1199101	142.32	ng	0.00
23) Nitrobenzene-d5	9.11	82	701357	80.63	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	430431	136.78	ng	-0.02
45) 2-Fluorobiphenyl	13.21	172	1494623	90.05	ng	-0.02
79) Terphenyl-d14	19.94	244	2074388	90.73	ng	-0.02
Target Compounds						
10) Phenol	7.14	94	31547	3.634	ng	91
50) Dimethylphthalate	14.03	163	145549	6.817	ng	# 96

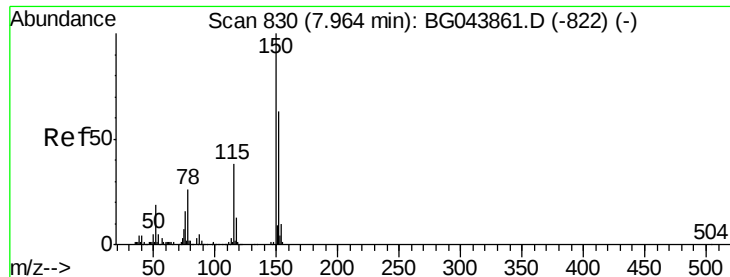
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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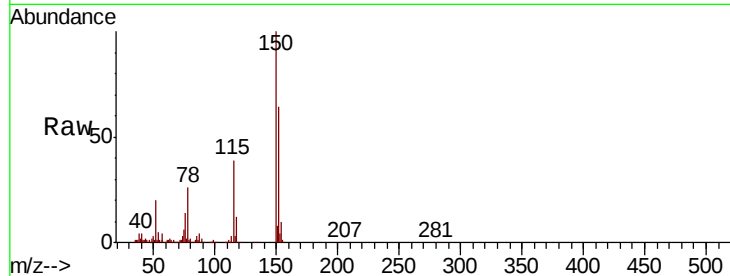


#1

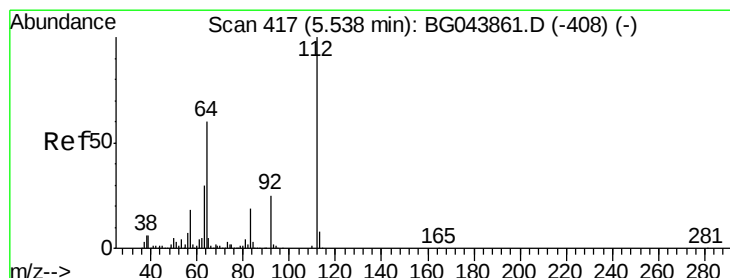
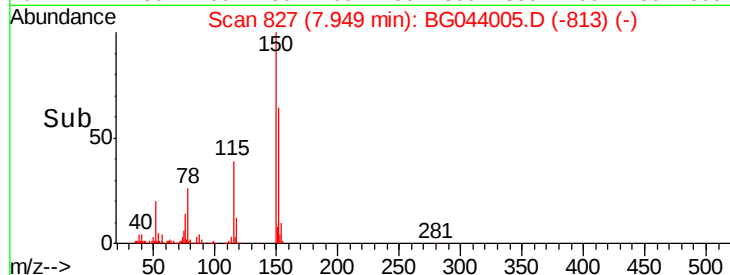
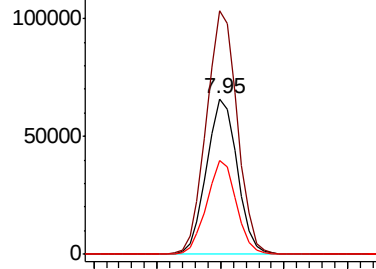
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044005.D
Acq: 10 Jan 2020 16:53

Instrument :
BNA_G
ClientSampleId :
RBR-200059

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	127.0	190.4
115	60.6	47.8	71.8



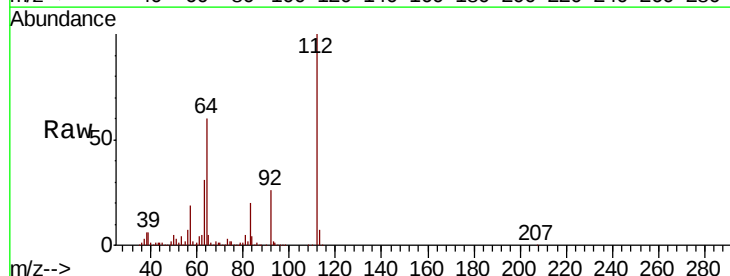
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



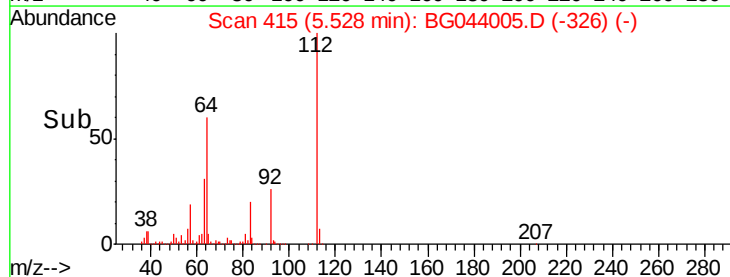
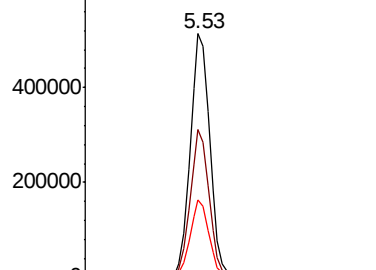
#5

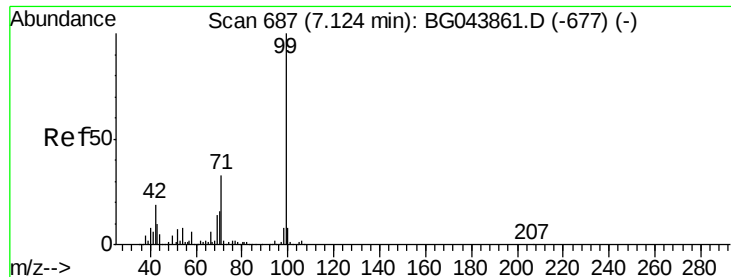
2-Fluorophenol
Concen: 142.130 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG044005.D
Acq: 10 Jan 2020 16:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.8	71.6
63	31.5	24.3	36.5



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: 142.321 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG044005.D

Acq: 10 Jan 2020 16:53

Instrument :

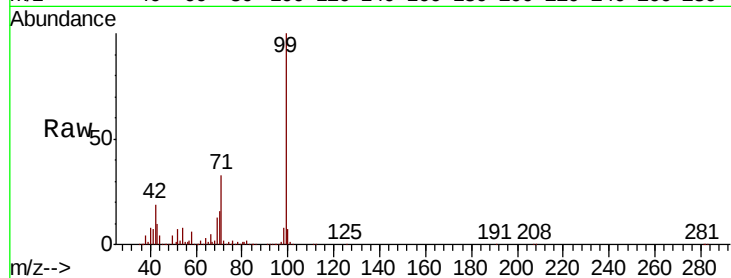
BNA_G

ClientSampleId :

RBR-200059

Tot Ion: 99 Resp: 1199101

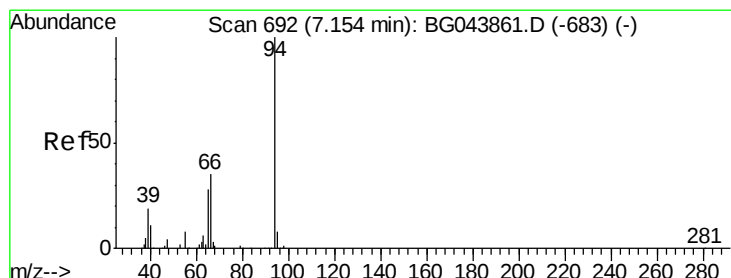
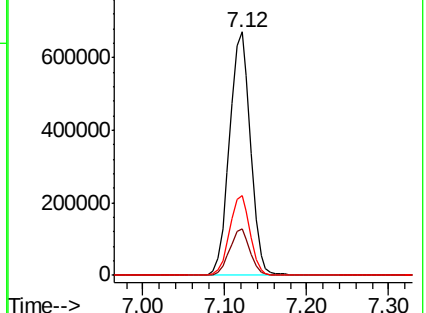
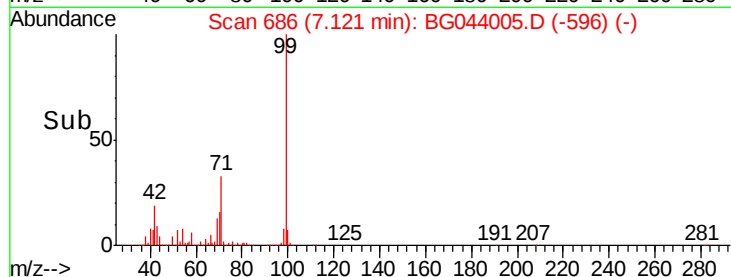
Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.9	22.3
71	33.0	26.4	39.6



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



#10

Phenol

Concen: 3.634 ng

RT: 7.14 min Scan# 690

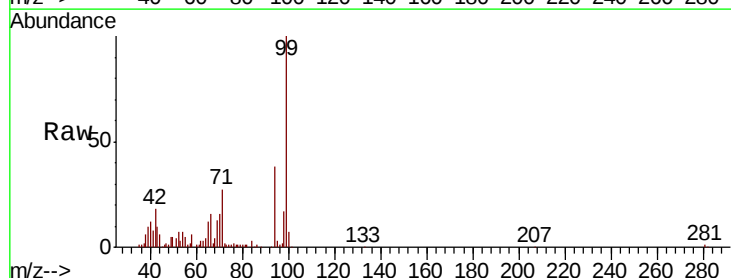
Delta R.T. -0.01 min

Lab File: BG044005.D

Acq: 10 Jan 2020 16:53

Tgt Ion: 94 Resp: 31547

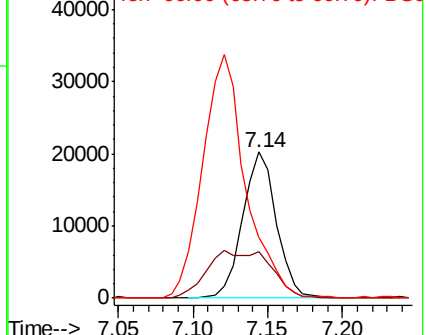
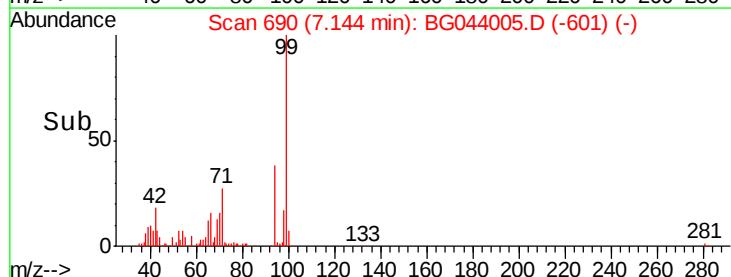
Ion	Ratio	Lower	Upper
94	100		
65	32.1	8.1	48.1
66	41.1	15.6	55.6



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

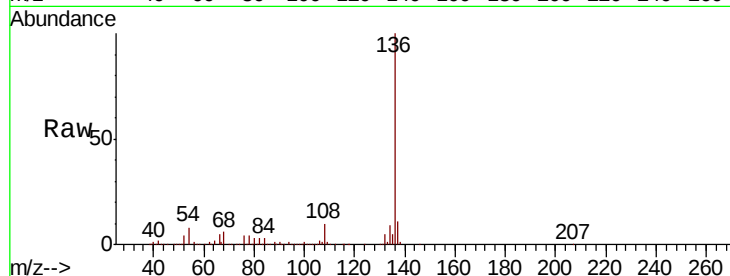




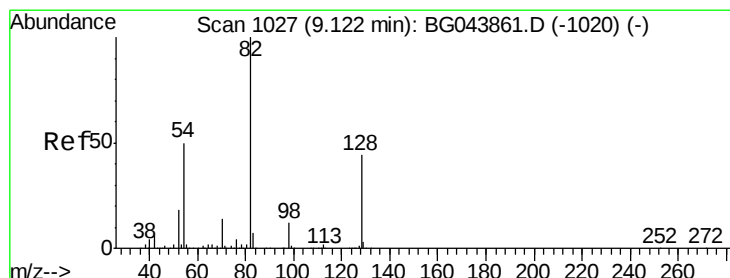
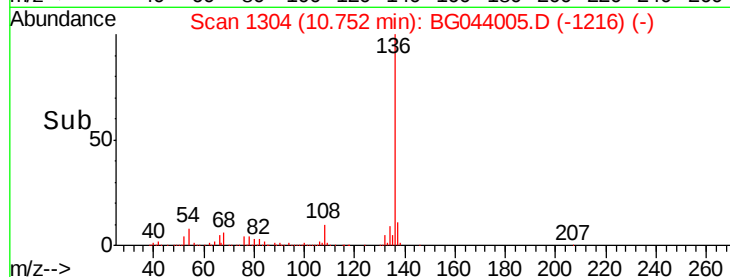
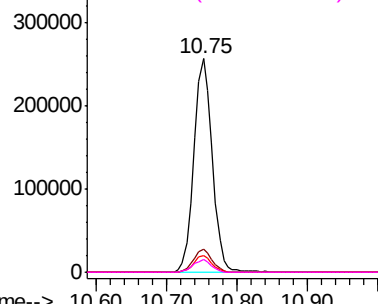
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG044005.D
Acq: 10 Jan 2020 16:53

Instrument :
BNA_G
ClientSampleId :
RBR-200059

Tot Ion:136	Resp: 465327
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 8.0	7.0 10.4
68 6.2	4.9 7.3

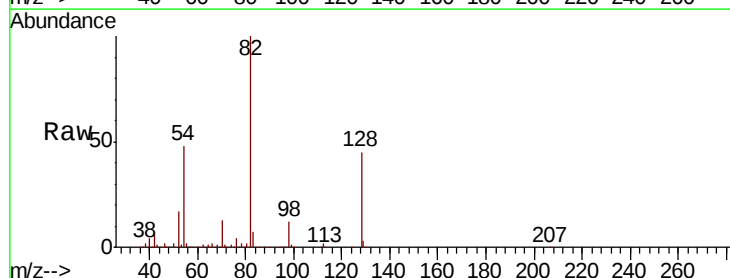


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

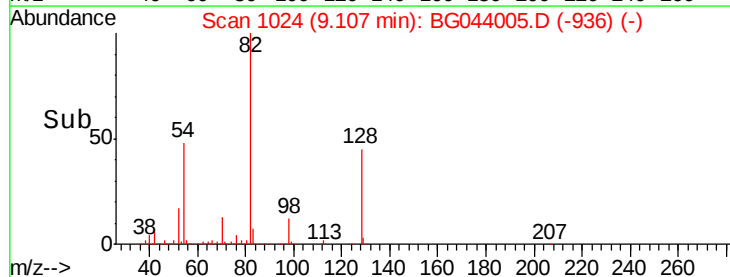
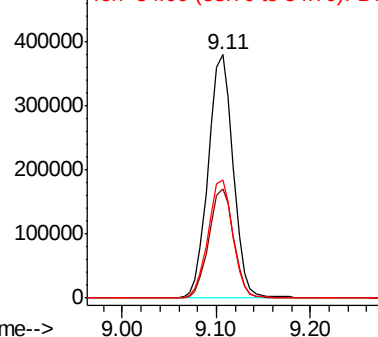


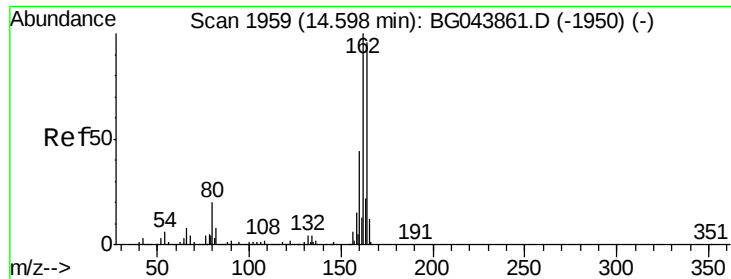
#23
Nitrobenzene-d5
Concen: 80.631 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG044005.D
Acq: 10 Jan 2020 16:53

Tgt Ion	82	Resp: Lower	701357 Upper
	Ratio 100		
128	44.7	35.1	52.7
54	48.3	40.1	60.1



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: 14.58 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BG044005.D

Acq: 10 Jan 2020 16:53

Instrument :

BNA_G

ClientSampleId :

RBR-200059

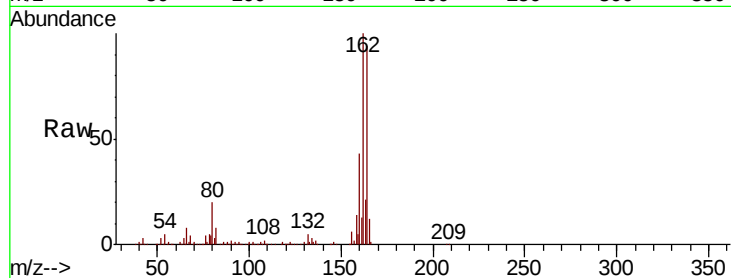
Tot Ion:164 Resp: 300720

Ion Ratio Lower Upper

164 100

162 106.0 83.0 124.4

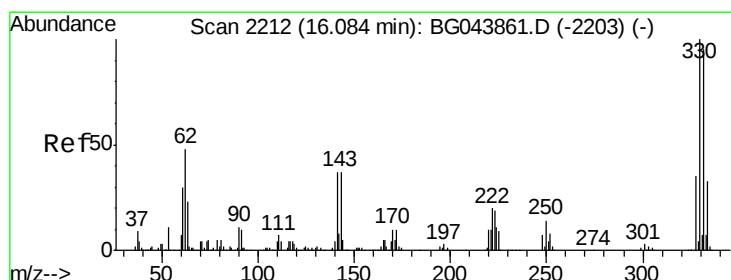
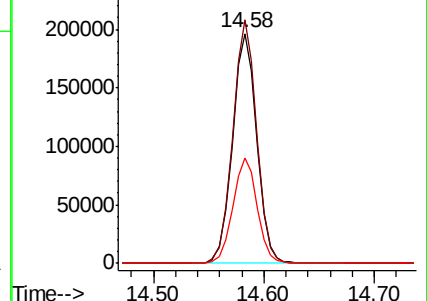
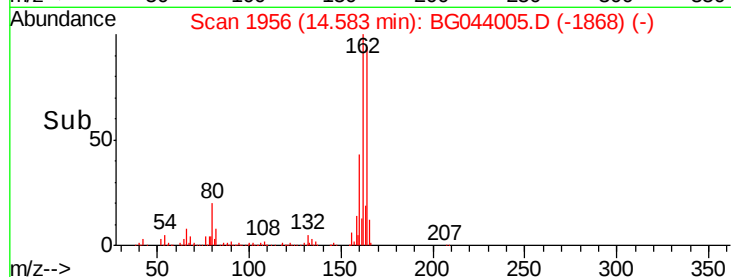
160 46.1 36.1 54.1



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: 136.776 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG044005.D

Acq: 10 Jan 2020 16:53

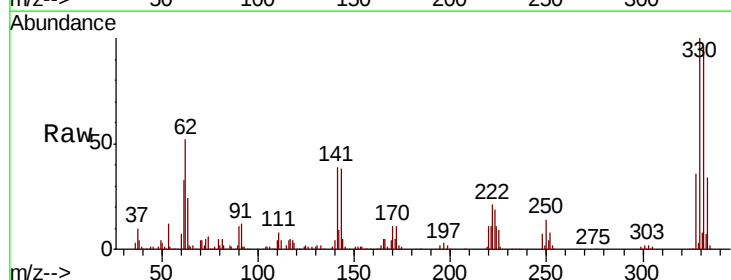
Tgt Ion:330 Resp: 430431

Ion Ratio Lower Upper

330 100

332 95.4 77.2 115.8

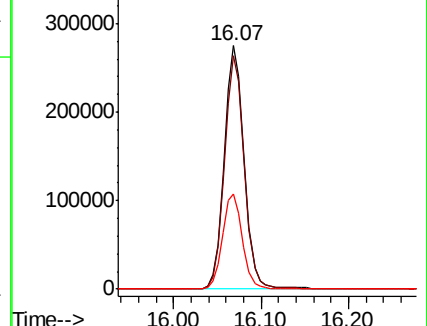
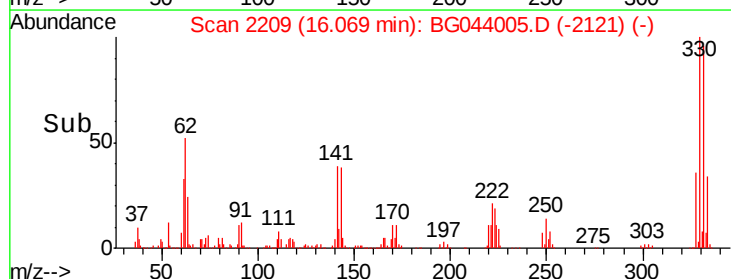
141 39.4 33.1 49.7

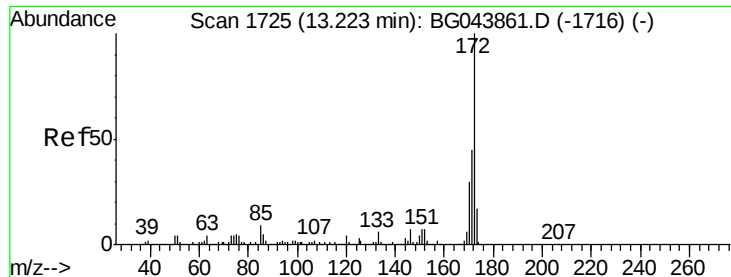


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

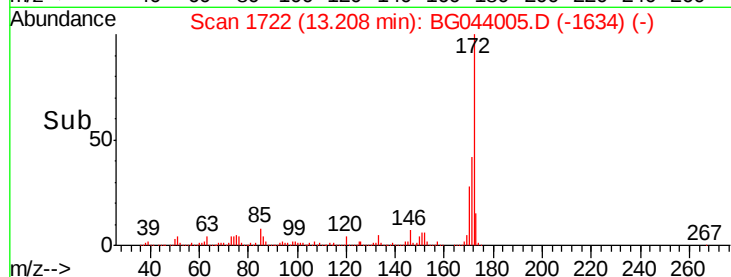
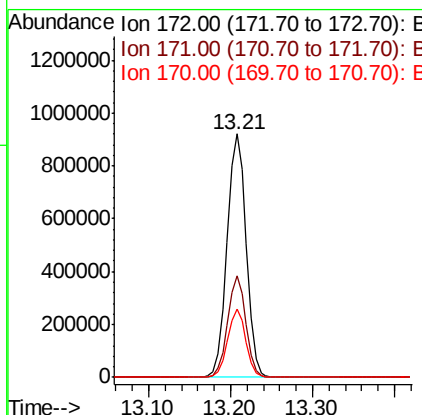
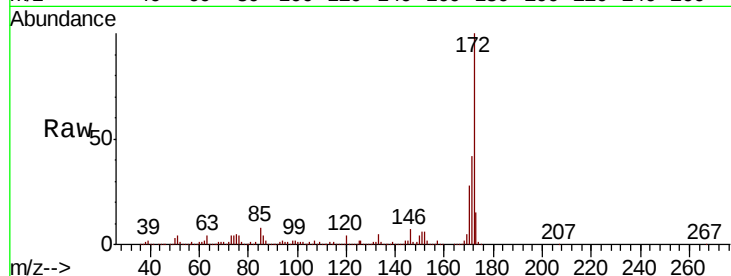




#45
 2-Fluorobiphenyl
 Concen: 90.048 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG044005.D
 Acq: 10 Jan 2020 16:53

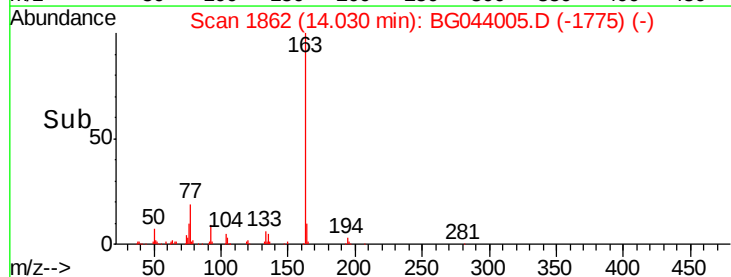
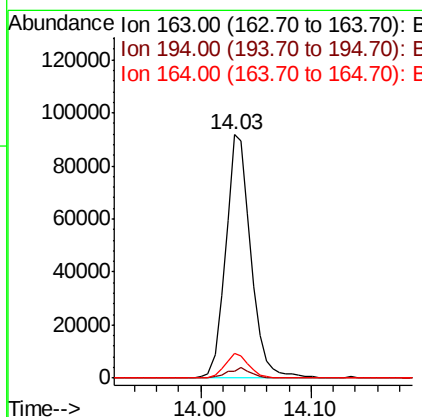
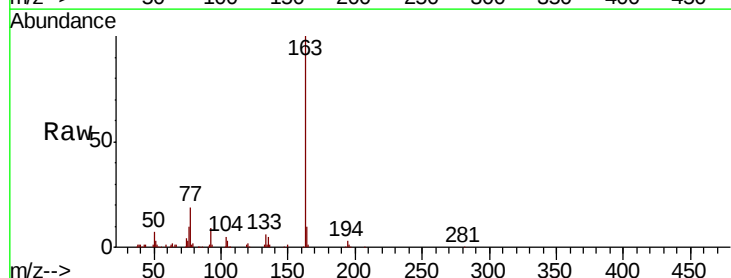
Instrument :
 BNA_G
 ClientSampleId :
 RBR-200059

Tot Ion:172 Resp: 1494623
 Ion Ratio Lower Upper
 172 100
 171 41.5 35.8 53.8
 170 27.8 24.2 36.4



#50
 Dimethylphthalate
 Concen: 6.817 ng
 RT: 14.03 min Scan# 1862
 Delta R.T. -0.02 min
 Lab File: BG044005.D
 Acq: 10 Jan 2020 16:53

Tgt Ion:163 Resp: 145549
 Ion Ratio Lower Upper
 163 100
 194 3.0 3.7 5.5#
 164 10.1 9.3 13.9

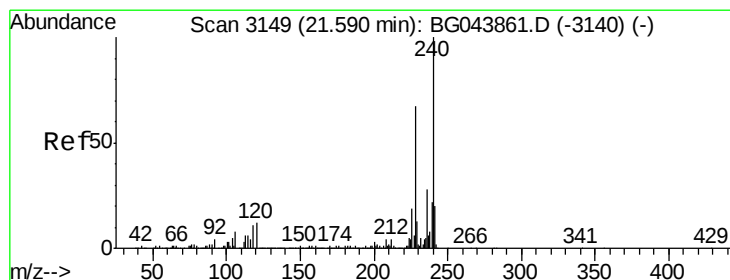
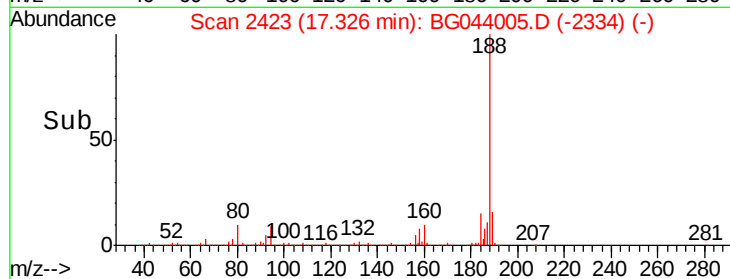
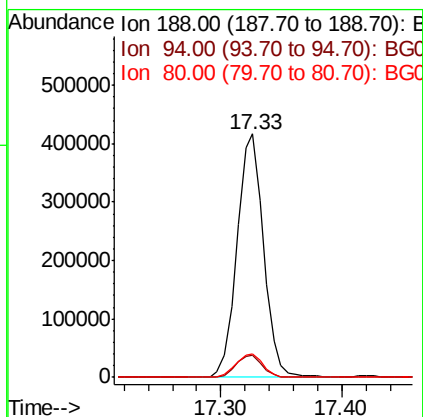
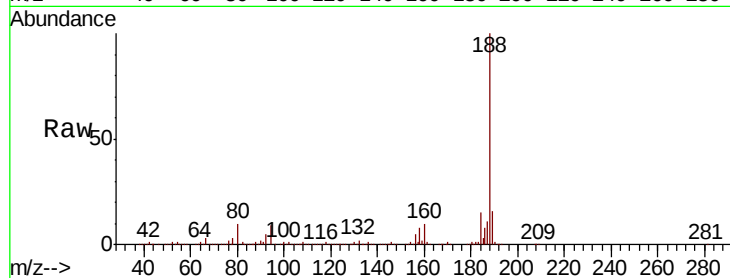




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG044005.D
Acq: 10 Jan 2020 16:53

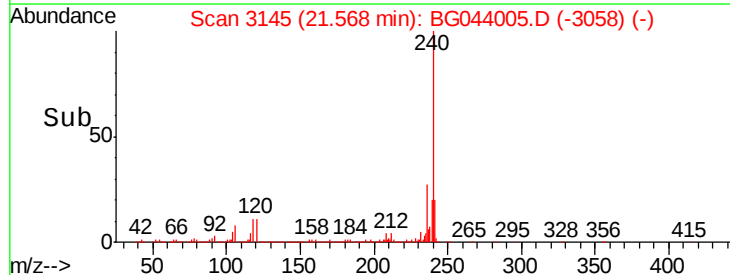
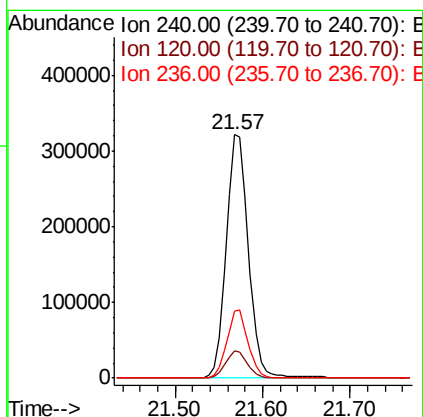
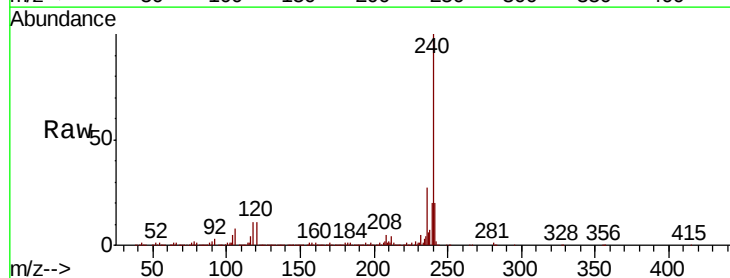
Instrument :
BNA_G
ClientSampleId :
RBR-200059

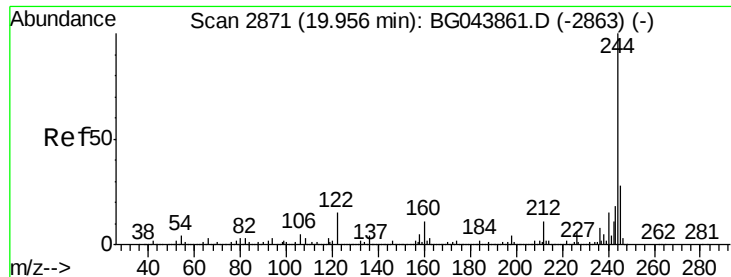
Tot Ion:188 Resp: 637460
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 9.8 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG044005.D
Acq: 10 Jan 2020 16:53

Tgt Ion:240 Resp: 561011
Ion Ratio Lower Upper
240 100
120 11.5 9.6 14.4
236 27.3 22.2 33.2





#79

Terphenyl-d14

Concen: 90.731 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

Lab File: BG044005.D

Acq: 10 Jan 2020 16:53

Instrument :

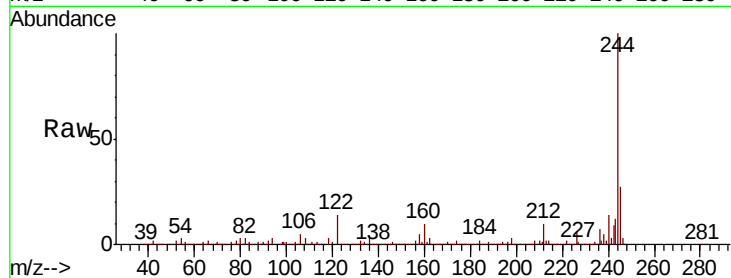
BNA_G

ClientSampleId :

RBR-200059

Tot Ion:244 Resp: 2074388

Ion	Ratio	Lower	Upper
244	100		
212	9.9	8.6	13.0
122	13.6	11.9	17.9

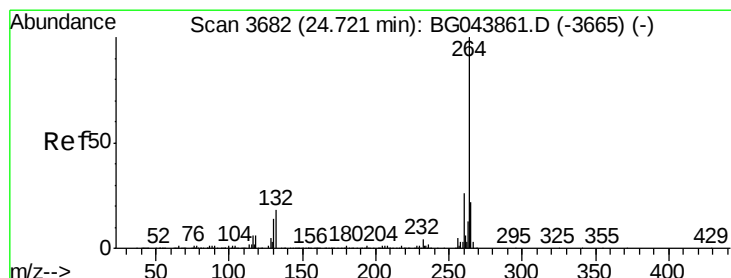
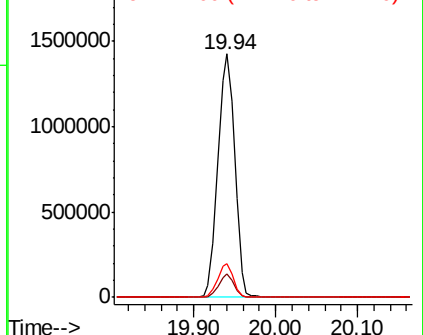
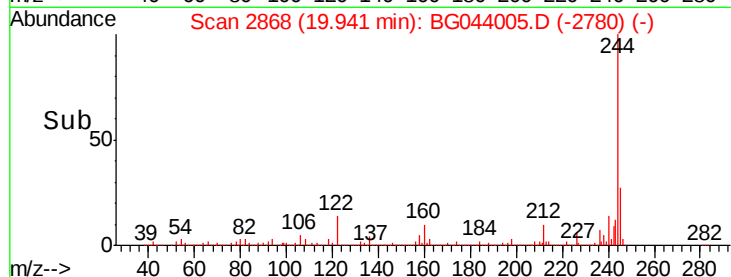


Abundance

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: 24.69 min Scan# 3676

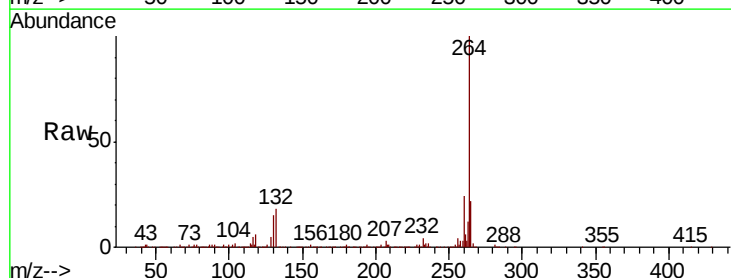
Delta R.T. -0.03 min

Lab File: BG044005.D

Acq: 10 Jan 2020 16:53

Tgt Ion:264 Resp: 622038

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
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

