

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
 Data File : BG044004.D
 Acq On : 10 Jan 2020 16:14
 Operator : JU
 Sample : L1070-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200030

Quant Time: Jan 11 04:54:48 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

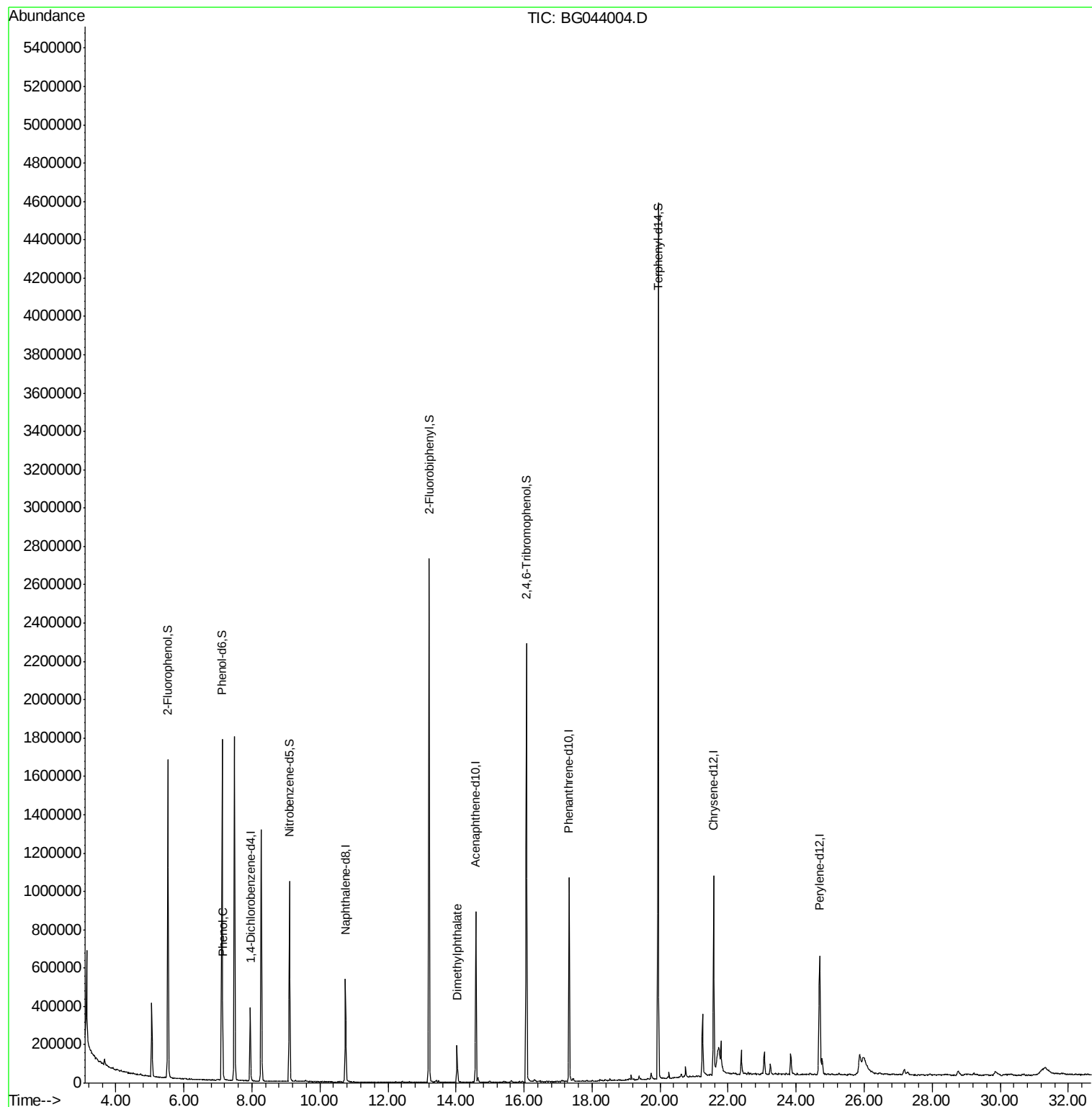
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	115360	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	484421	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	315497	20.00	ng	-0.02
64) Phenanthrene-d10	17.33	188	667136	20.00	ng	0.00
76) Chrysene-d12	21.57	240	578393	20.00	ng	-0.02
87) Perylene-d12	24.69	264	636823	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	798013	127.02	ng	0.00
7) Phenol-d6	7.12	99	1117579	127.25	ng	0.00
23) Nitrobenzene-d5	9.11	82	654590	72.29	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	413428	125.22	ng	-0.02
45) 2-Fluorobiphenyl	13.21	172	1445644	83.02	ng	-0.02
79) Terphenyl-d14	19.94	244	2046646	85.43	ng	-0.02
Target Compounds						
10) Phenol	7.14	94	31156	3.443	ng	95
50) Dimethylphthalate	14.04	163	144310	6.442	ng	98

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

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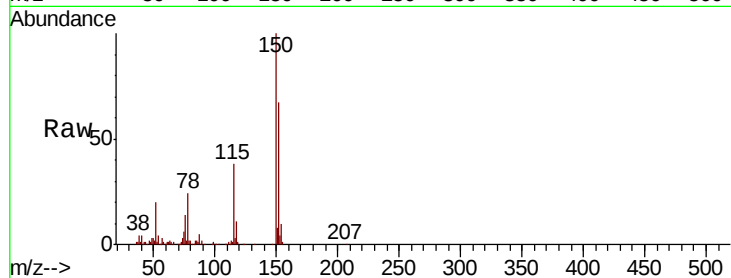


#1

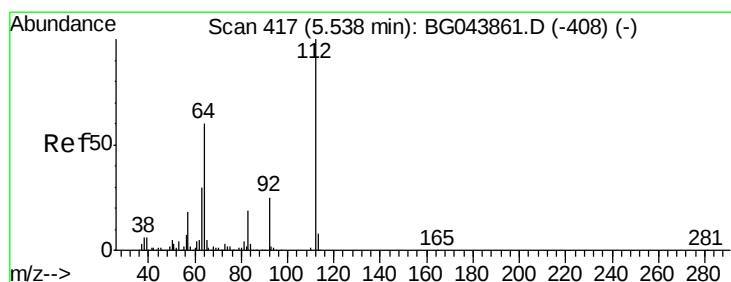
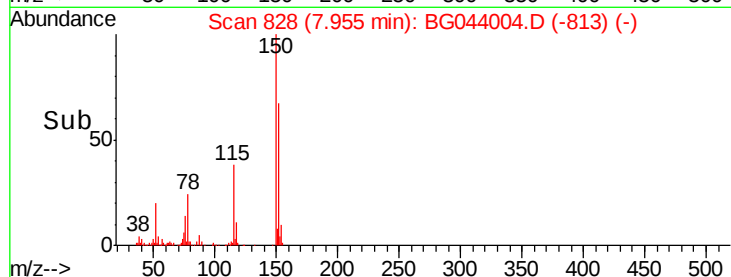
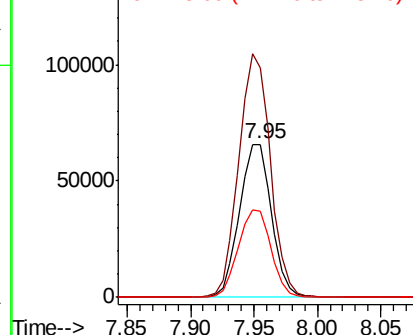
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG044004.D
Acq: 10 Jan 2020 16:14

Instrument :
BNA_G
ClientSampleId :
RBR-200030

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	127.0	190.4
115	56.6	47.8	71.8



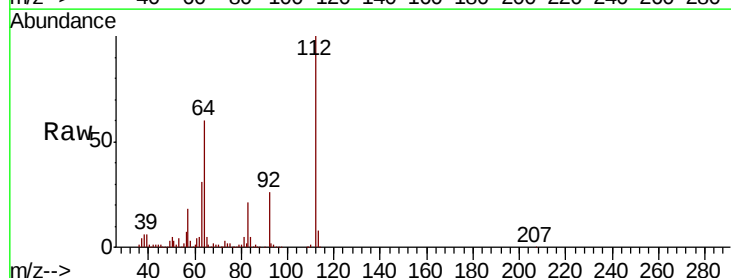
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



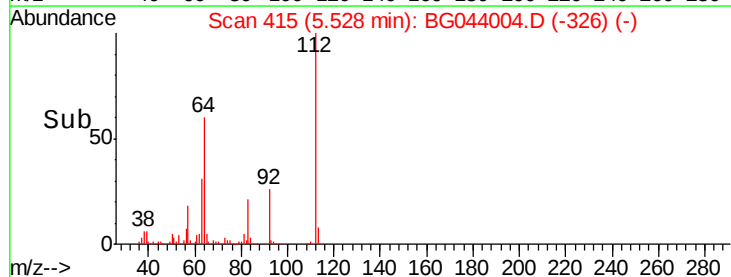
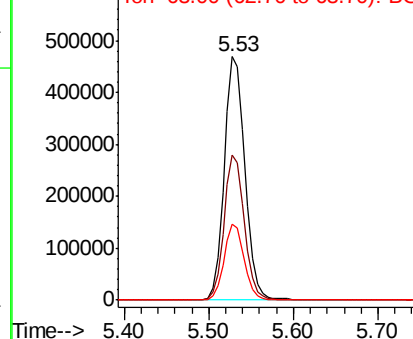
#5

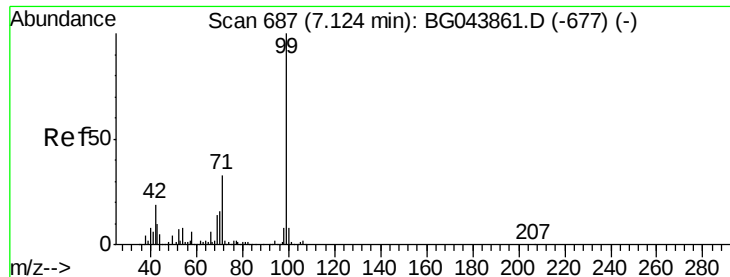
2-Fluorophenol
Concen: 127.015 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG044004.D
Acq: 10 Jan 2020 16:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.8	71.6
63	31.1	24.3	36.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 127.255 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG044004.D

Acq: 10 Jan 2020 16:14

Instrument :

BNA_G

ClientSampleId :

RBR-200030

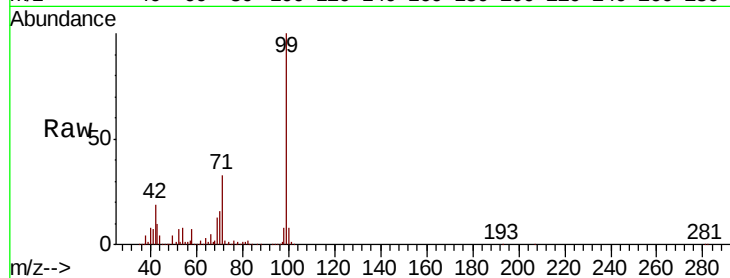
Tot Ion: 99 Resp: 1117579

Ion Ratio Lower Upper

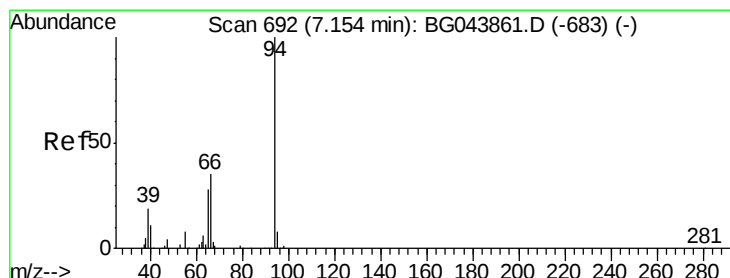
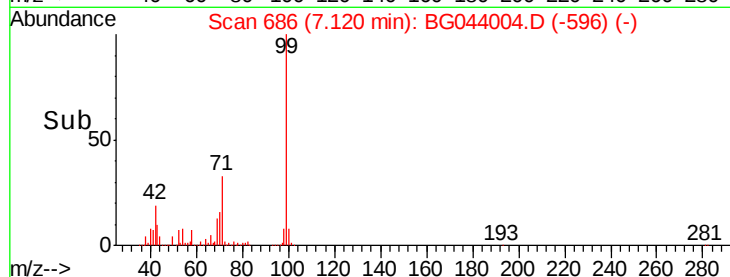
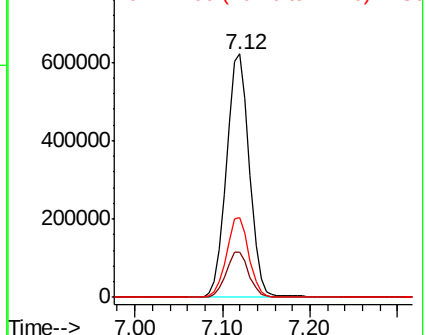
99 100

42 18.6 14.9 22.3

71 32.8 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: 3.443 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG044004.D

Acq: 10 Jan 2020 16:14

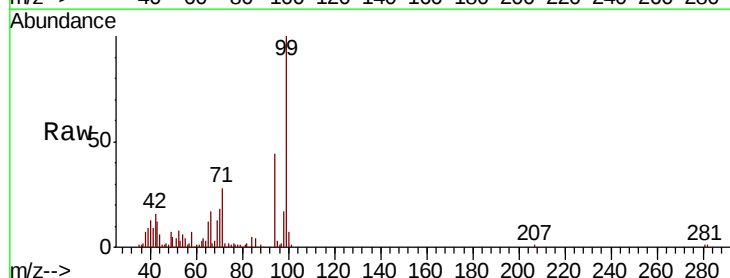
Tgt Ion: 94 Resp: 31156

Ion Ratio Lower Upper

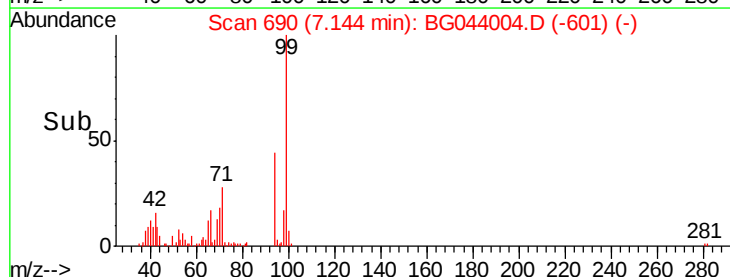
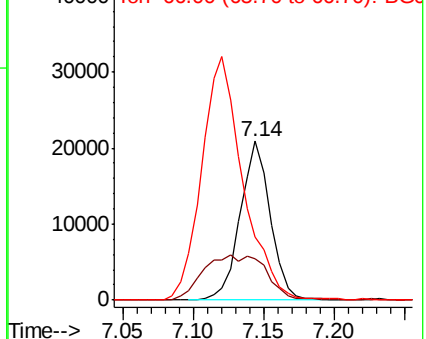
94 100

65 26.2 8.1 48.1

66 39.6 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

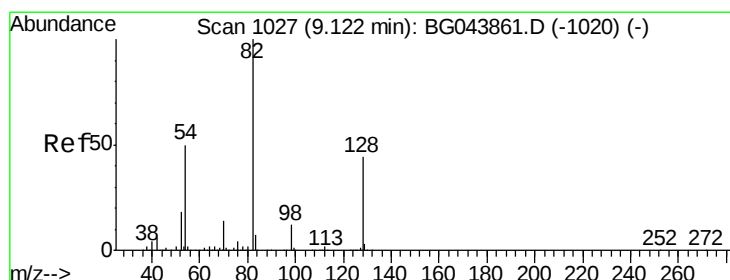
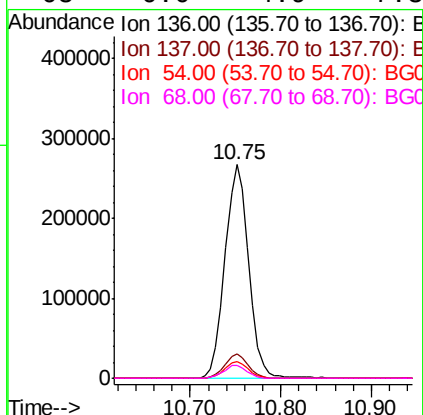
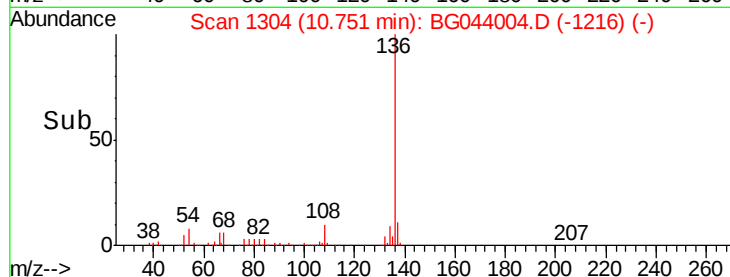
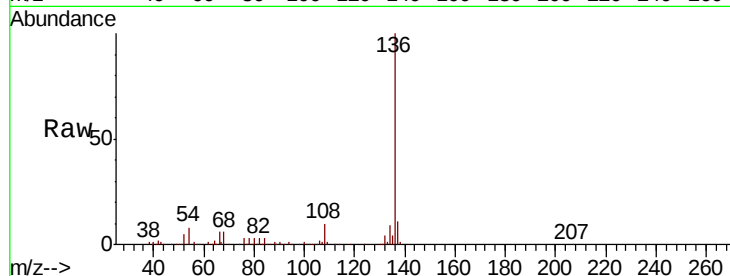




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG044004.D
Acq: 10 Jan 2020 16:14

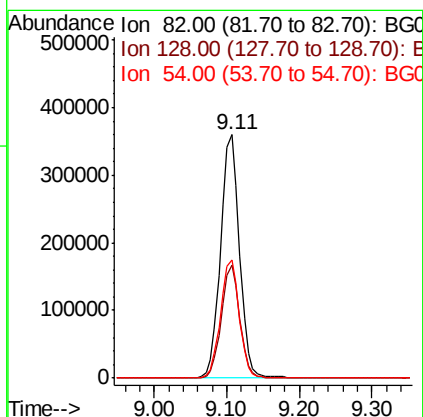
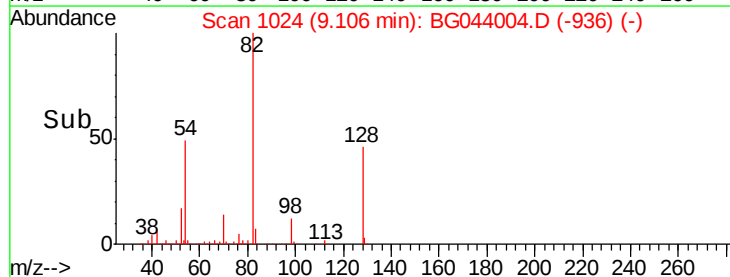
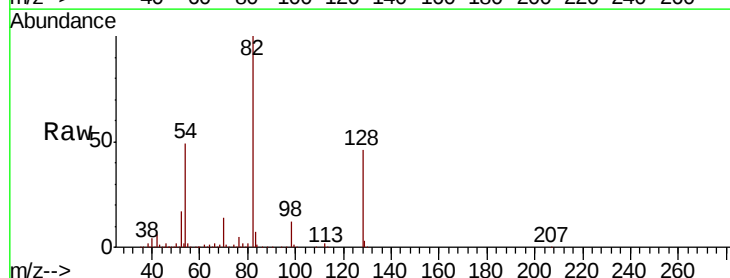
Instrument :
BNA_G
ClientSampleId :
RBR-200030

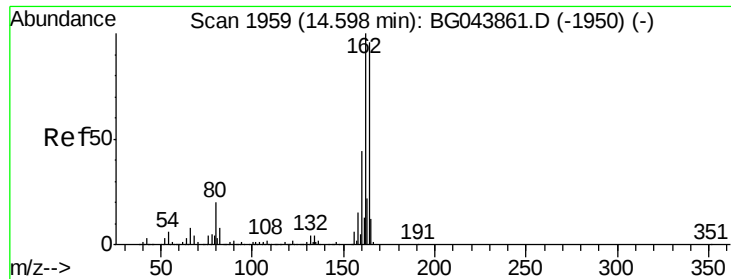
Tot Ion:136	Resp:	484421
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	7.7	7.0 10.4
68	6.0	4.9 7.3



#23
Nitrobenzene-d5
Concen: 72.288 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG044004.D
Acq: 10 Jan 2020 16:14

Tgt Ion: 82	Resp:	654590
Ion	Ratio	Lower Upper
82	100	
128	46.4	35.1 52.7
54	48.8	40.1 60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BG044004.D

Acq: 10 Jan 2020 16:14

Instrument :

BNA_G

ClientSampleId :

RBR-200030

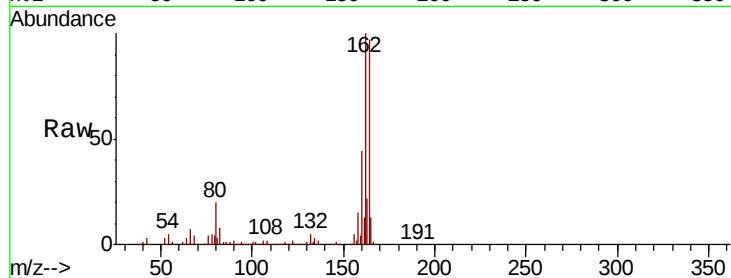
Tot Ion:164 Resp: 315497

Ion Ratio Lower Upper

164 100

162 103.6 83.0 124.4

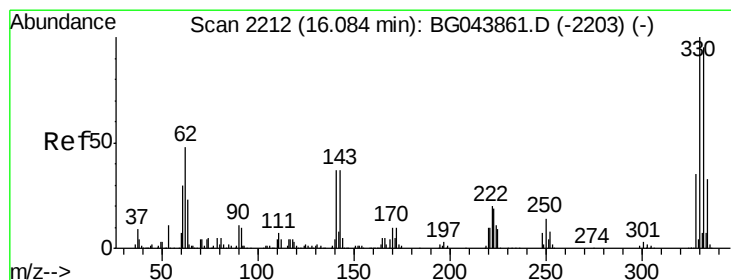
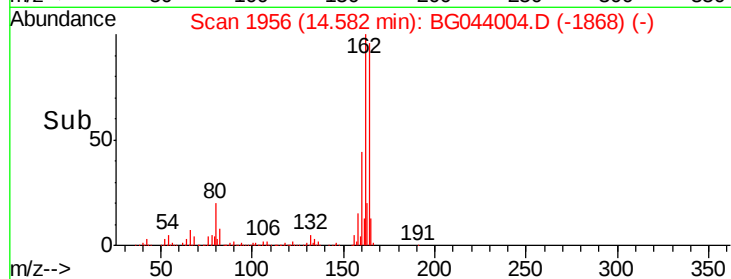
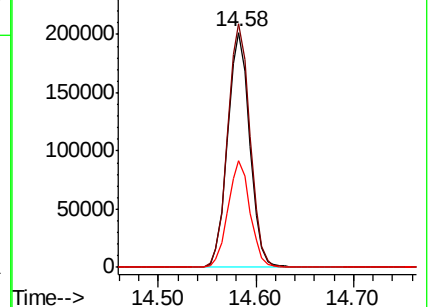
160 45.1 36.1 54.1



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: 125.220 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG044004.D

Acq: 10 Jan 2020 16:14

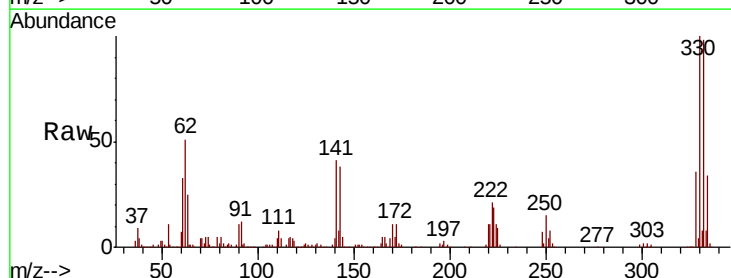
Tgt Ion:330 Resp: 413428

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

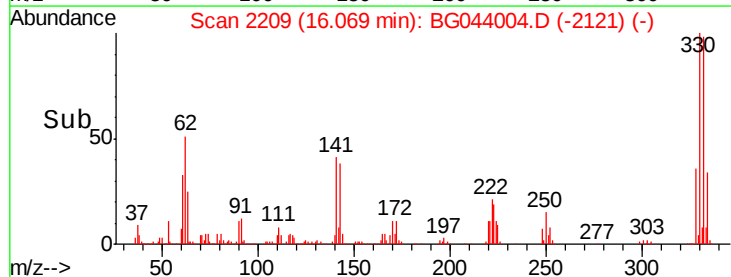
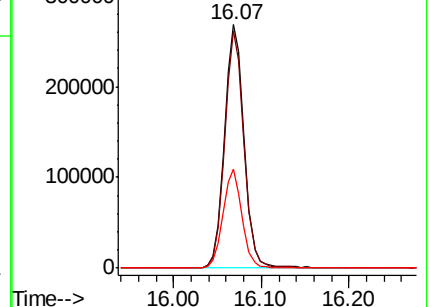
141 39.4 33.1 49.7



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

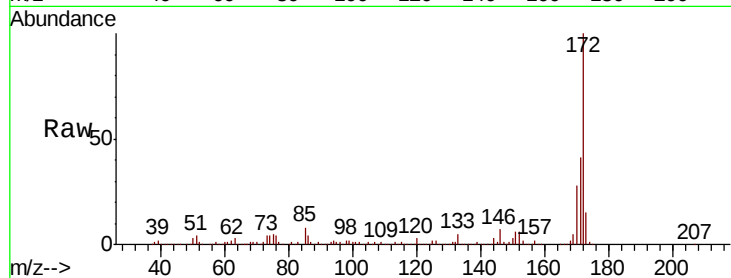




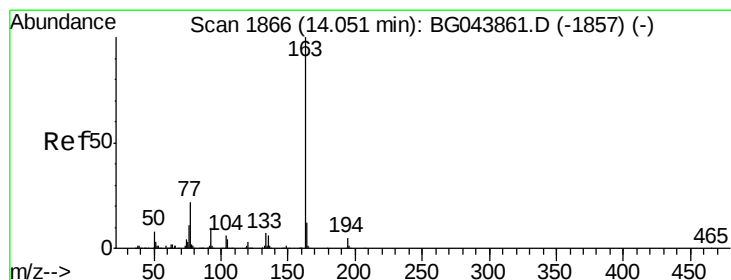
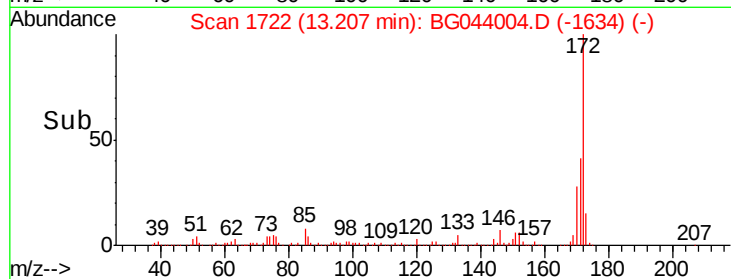
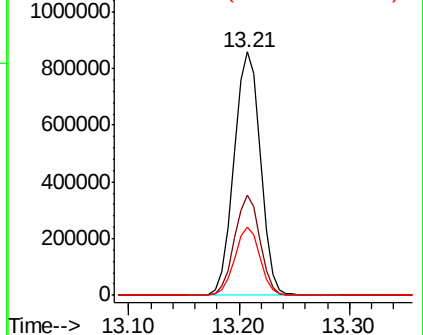
#45
2-Fluorobiphenyl
Concen: 83.017 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BG044004.D
Acq: 10 Jan 2020 16:14

Instrument :
BNA_G
ClientSampleId :
RBR-200030

Tot Ion:172 Resp: 1445644
Ion Ratio Lower Upper
172 100
171 41.2 35.8 53.8
170 27.9 24.2 36.4

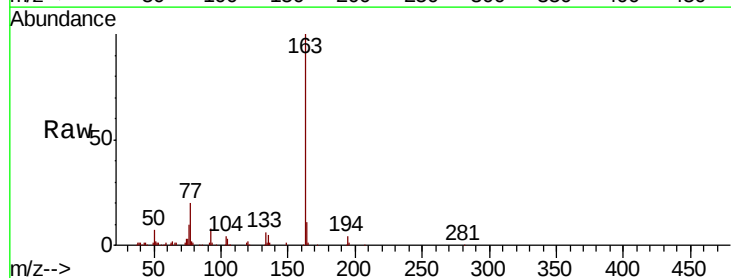


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

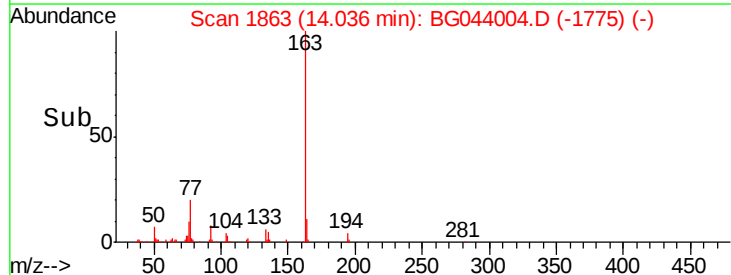
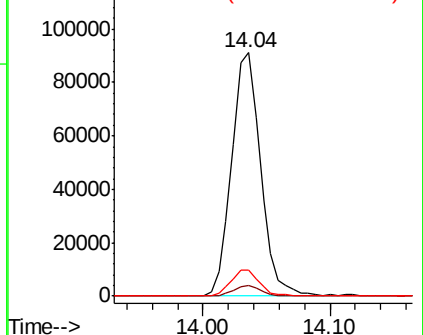


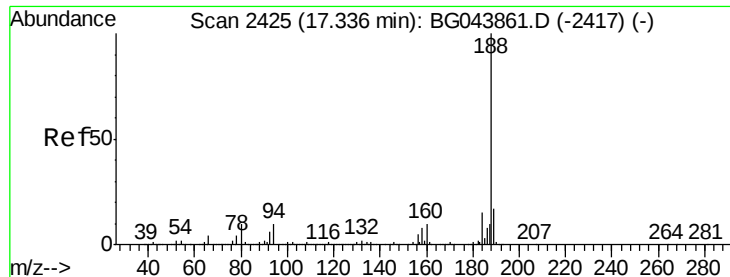
#50
Dimethylphthalate
Concen: 6.442 ng
RT: 14.04 min Scan# 1863
Delta R.T. -0.02 min
Lab File: BG044004.D
Acq: 10 Jan 2020 16:14

Tgt Ion:163 Resp: 144310
Ion Ratio Lower Upper
163 100
194 4.2 3.7 5.5
164 10.9 9.3 13.9



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

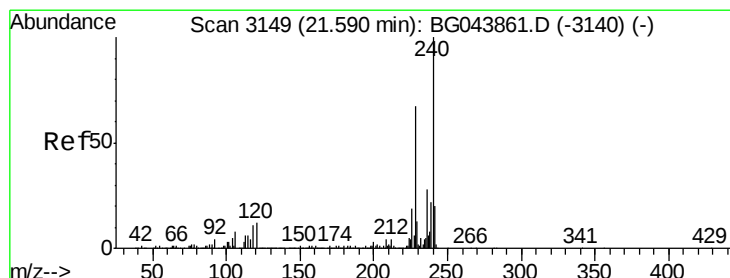
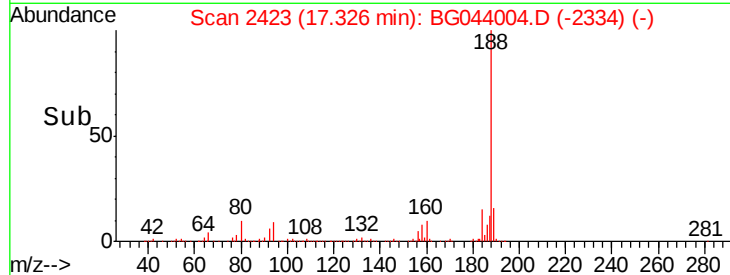
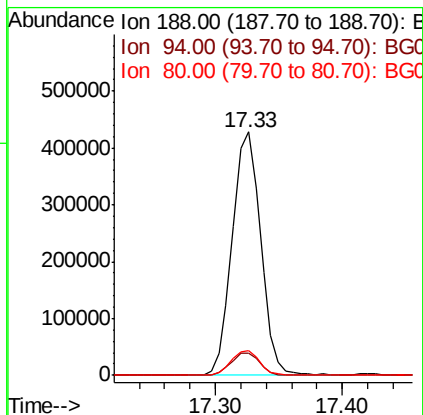
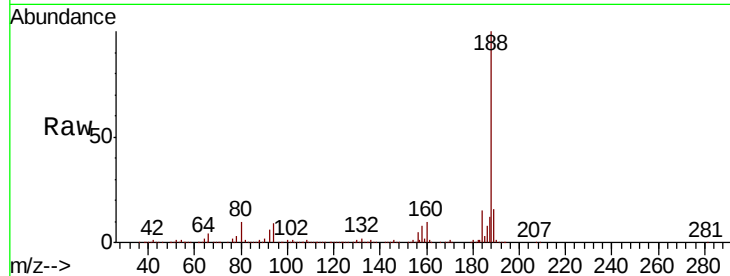




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG044004.D
Acq: 10 Jan 2020 16:14

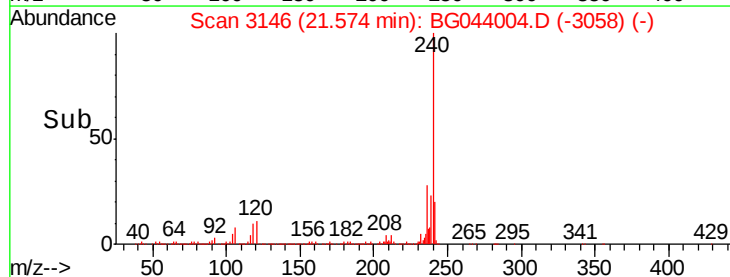
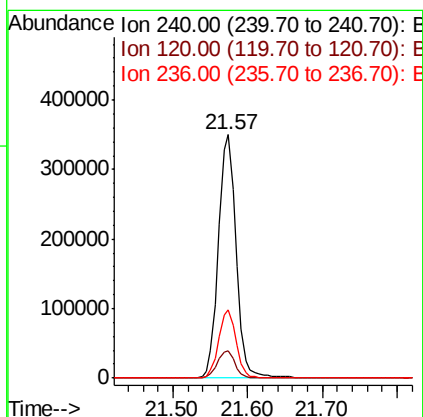
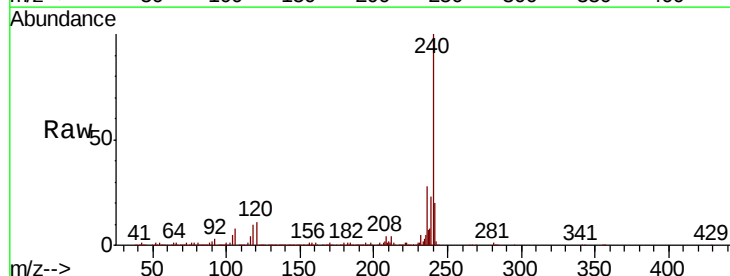
Instrument :
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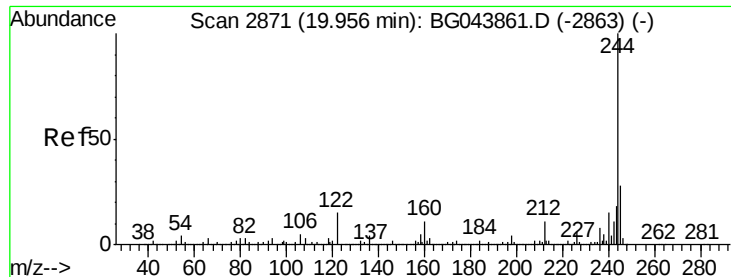
Tot Ion:188 Resp: 667136
Ion Ratio Lower Upper
188 100
94 8.9 7.9 11.9
80 10.1 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG044004.D
Acq: 10 Jan 2020 16:14

Tgt Ion:240 Resp: 578393
Ion Ratio Lower Upper
240 100
120 11.1 9.6 14.4
236 28.0 22.2 33.2





#79

Terphenyl-d14

Concen: 85.429 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

Lab File: BG044004.D

Acq: 10 Jan 2020 16:14

Instrument :

BNA_G

ClientSampleId :

RBR-200030

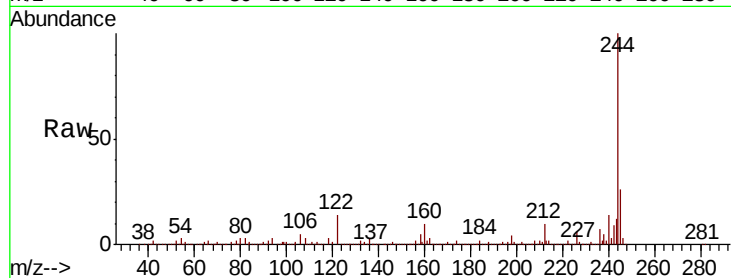
Tot Ion:244 Resp: 2046646

Ion Ratio Lower Upper

244 100

212 9.9 8.6 13.0

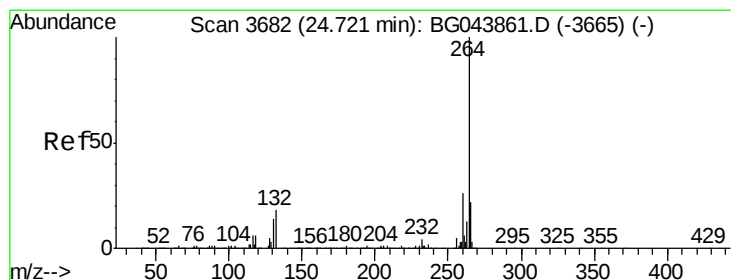
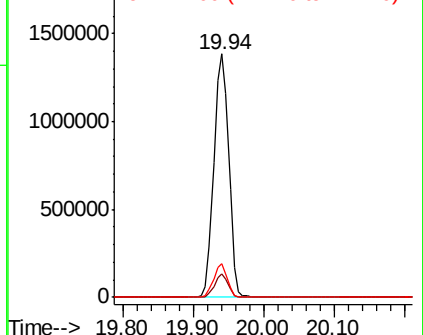
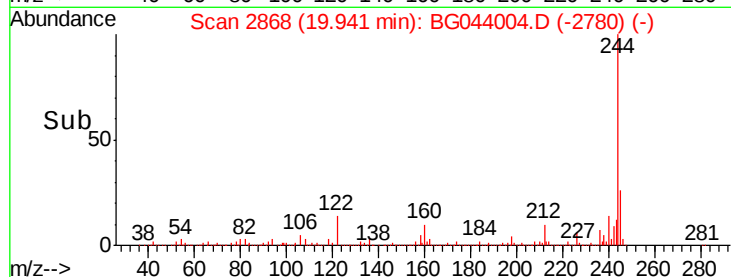
122 13.9 11.9 17.9



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# 3677

Delta R.T. -0.03 min

Lab File: BG044004.D

Acq: 10 Jan 2020 16:14

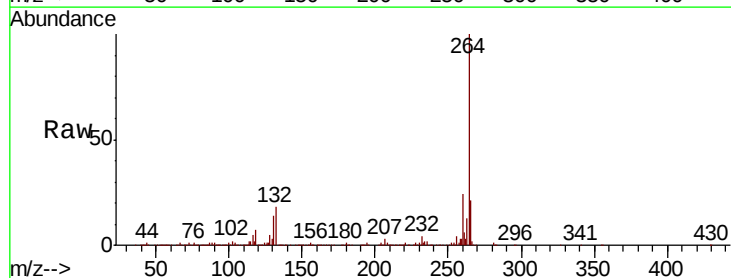
Tgt Ion:264 Resp: 636823

Ion Ratio Lower Upper

264 100

260 24.2 20.4 30.6

265 21.4 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

