

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012320\
 Data File : BG044173.D
 Acq On : 23 Jan 2020 18:55
 Operator : JU
 Sample : PB126290BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126290BL

Quant Time: Jan 24 05:45:00 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

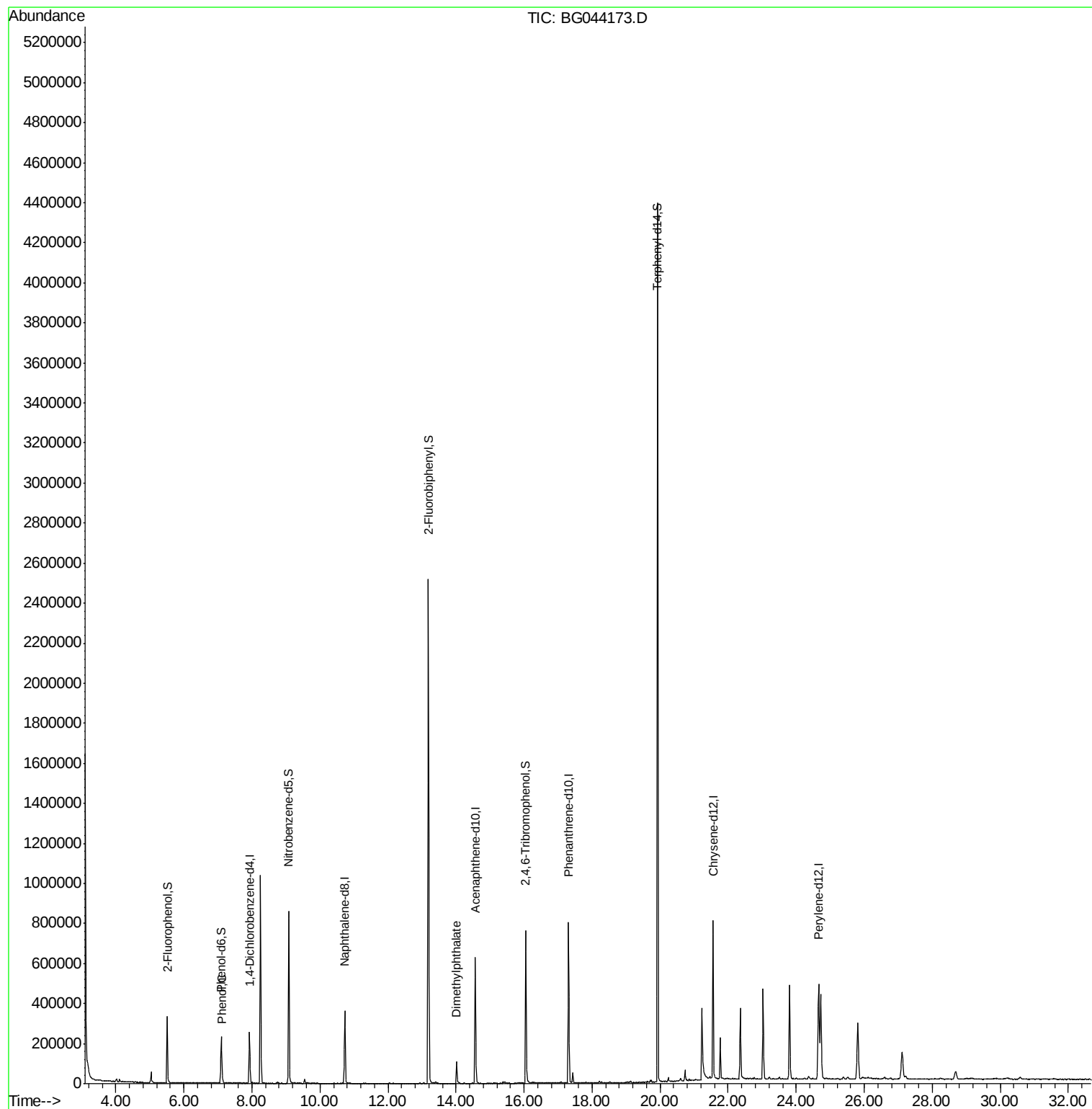
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	76945	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	341037	20.00	ng	-0.04
39) Acenaphthene-d10	14.56	164	242752	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	507365	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	443144	20.00	ng	-0.03
87) Perylene-d12	24.66	264	491645	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	170888	40.78	ng	-0.03
7) Phenol-d6	7.10	99	156068	26.64	ng	-0.03
23) Nitrobenzene-d5	9.08	82	565520	88.71	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	153698	60.50	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1355056	101.13	ng	-0.03
79) Terphenyl-d14	19.92	244	2021122	122.70	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	21531	3.567	ng	98
50) Dimethylphthalate	14.02	163	93898	5.448	ng	98

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

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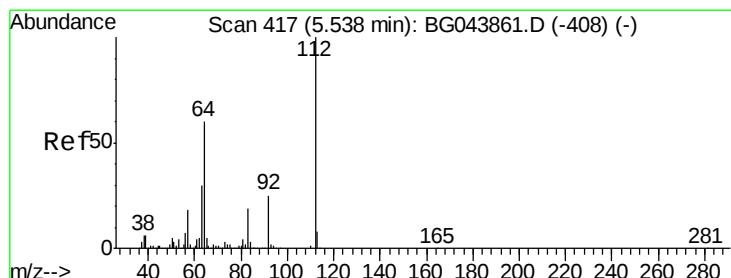
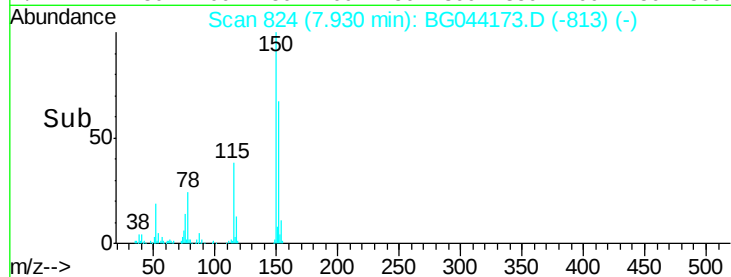
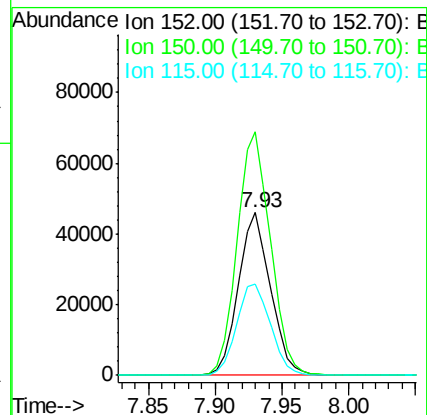
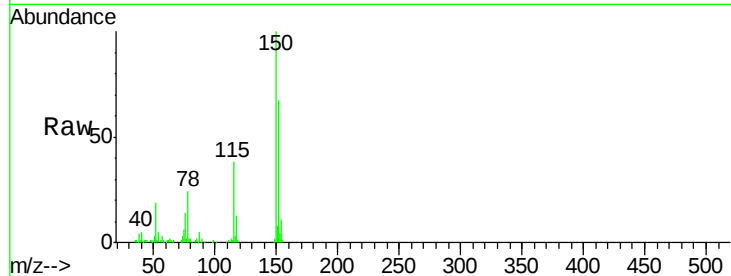


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044173.D
Acq: 23 Jan 2020 18:55

Instrument :
BNA_G
ClientSampleId :
PB126290BL

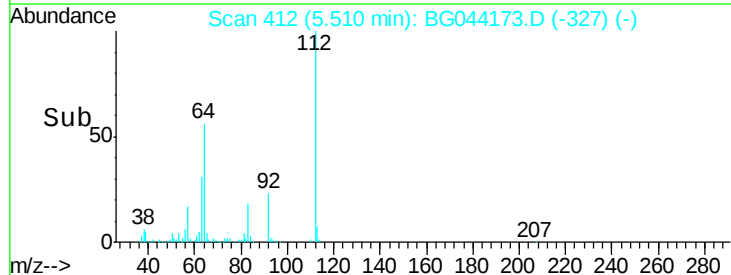
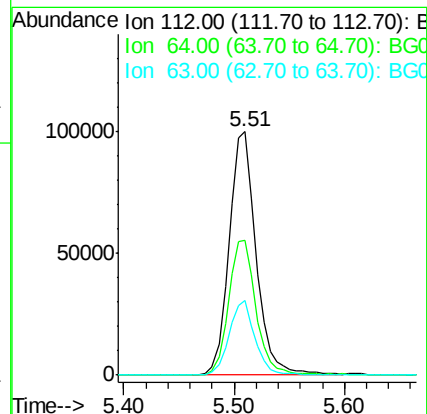
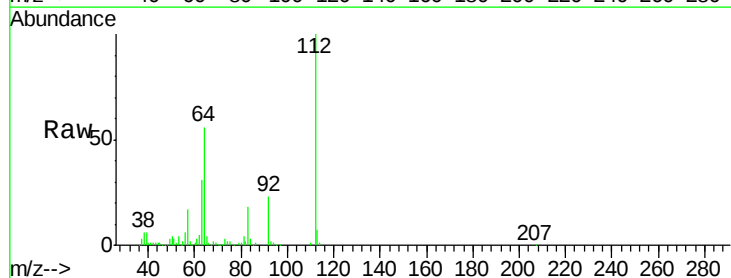
Tot Ion:152 Resp: 76945
Ion Ratio Lower Upper
152 100
150 149.6 127.0 190.4
115 56.2 47.8 71.8

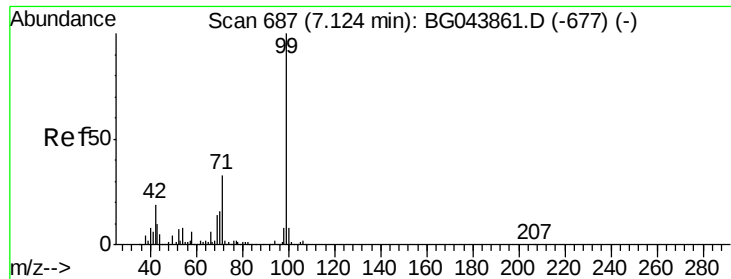


#5

2-Fluorophenol
Concen: 40.779 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044173.D
Acq: 23 Jan 2020 18:55

Tgt Ion:112 Resp: 170888
Ion Ratio Lower Upper
112 100
64 55.5 47.8 71.6
63 30.9 24.3 36.5





#7

Phenol-d6

Concen: 26.643 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.03 min

Lab File: BG044173.D

Acq: 23 Jan 2020 18:55

Instrument :

BNA_G

ClientSampleId :

PB126290BL

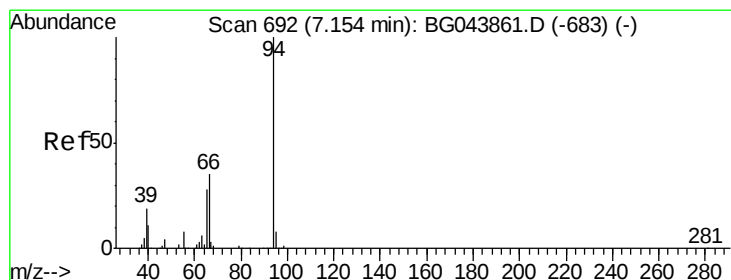
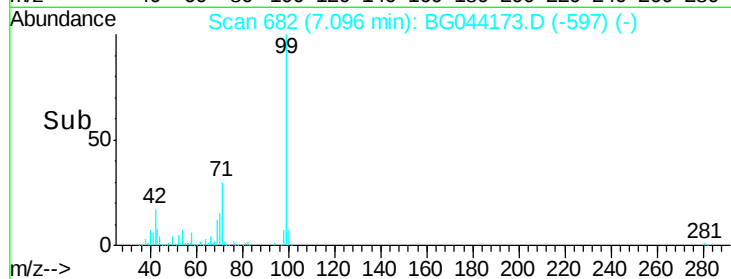
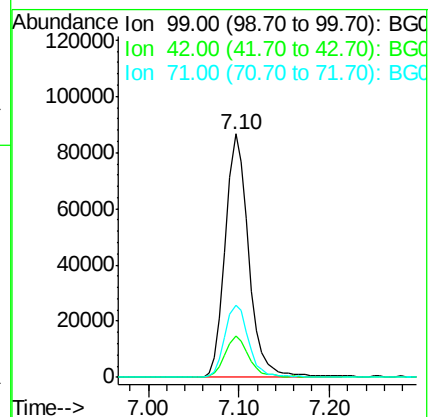
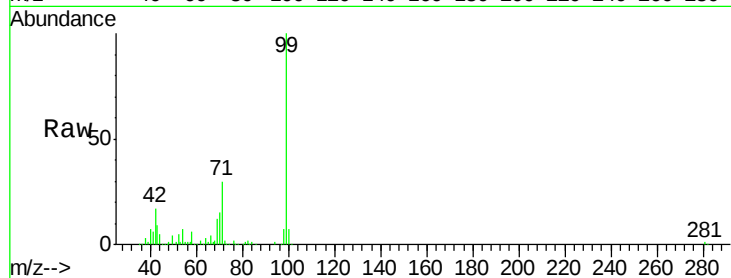
Tot Ion: 99 Resp: 156068

Ion Ratio Lower Upper

99 100

42 16.9 14.9 22.3

71 29.6 26.4 39.6



#10

Phenol

Concen: 3.567 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044173.D

Acq: 23 Jan 2020 18:55

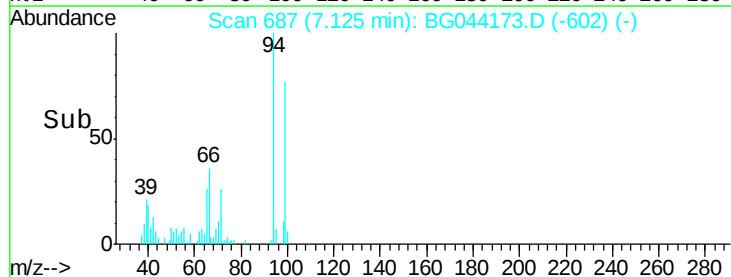
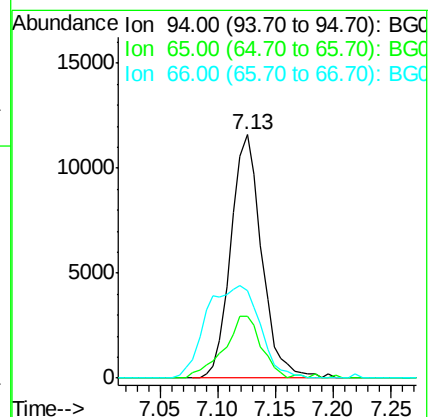
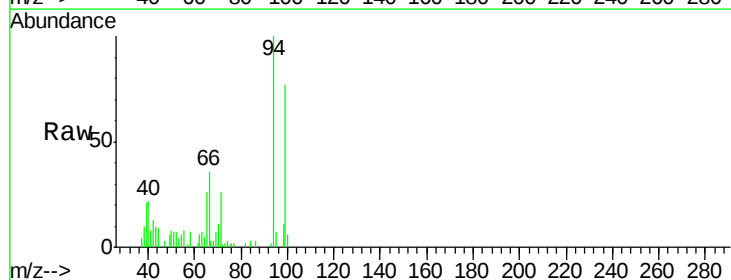
Tgt Ion: 94 Resp: 21531

Ion Ratio Lower Upper

94 100

65 25.7 8.1 48.1

66 35.7 15.6 55.6

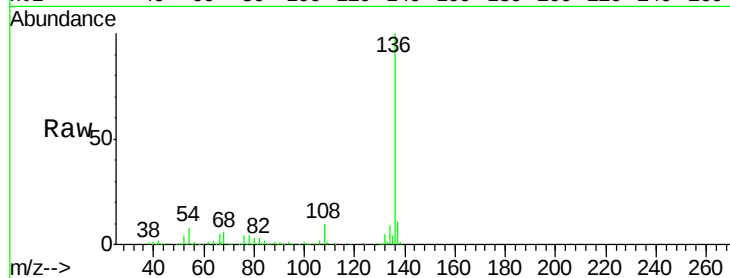




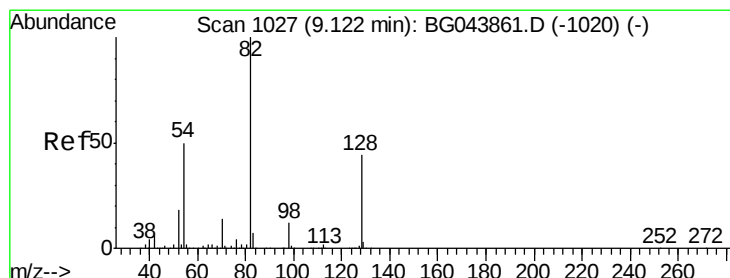
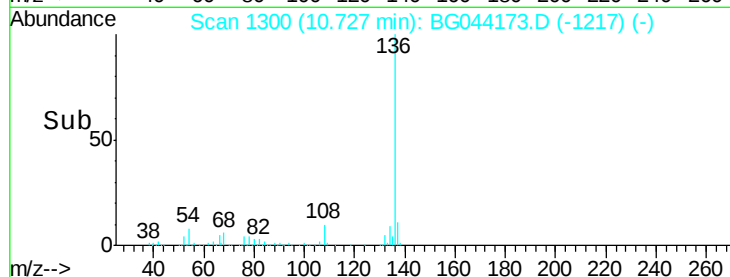
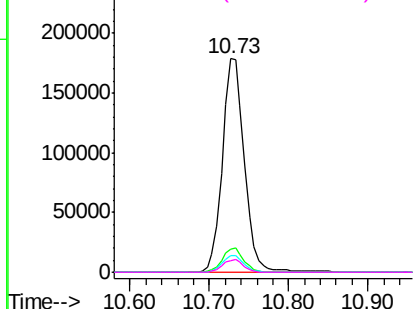
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BG044173.D
Acq: 23 Jan 2020 18:55

Instrument :
BNA_G
ClientSampleId :
PB126290BL

Tot Ion:136	Resp:	341037
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	7.8	7.0 10.4
68	5.6	4.9 7.3

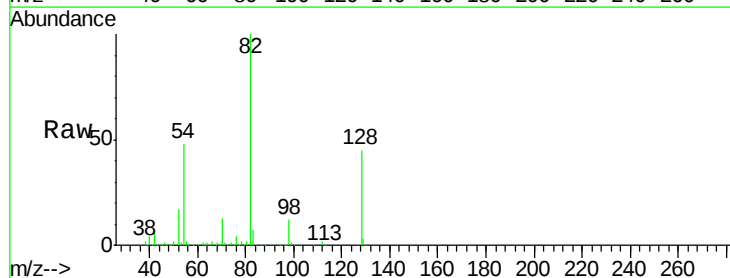


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

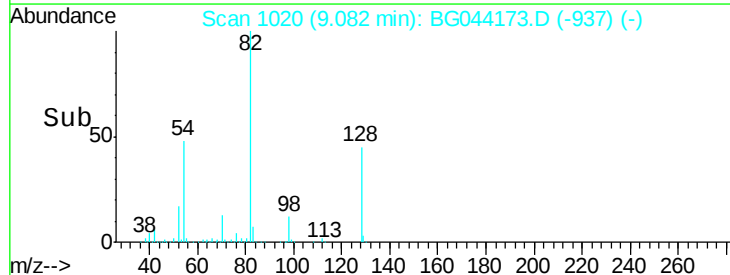
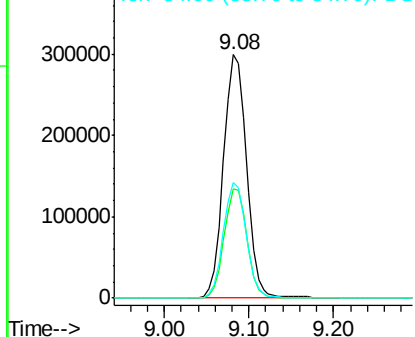


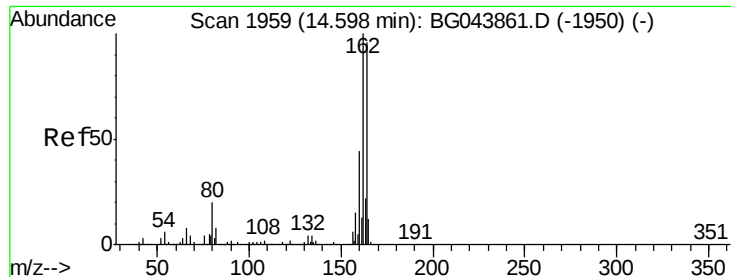
#23
Nitrobenzene-d5
Concen: 88.709 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044173.D
Acq: 23 Jan 2020 18:55

Tgt Ion: 82	Resp:	565520
Ion	Ratio	Lower Upper
82	100	
128	44.7	35.1 52.7
54	47.6	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: 14.56 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044173.D

Acq: 23 Jan 2020 18:55

Instrument :

BNA_G

ClientSampleId :

PB126290BL

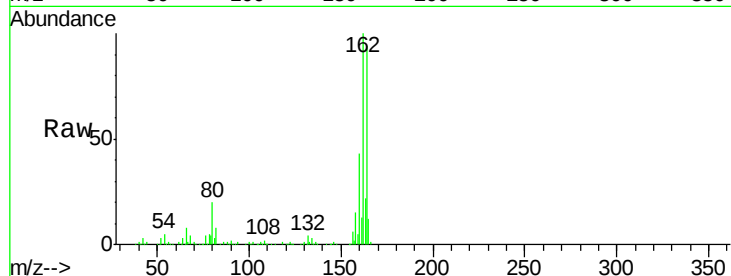
Tot Ion:164 Resp: 242752

Ion Ratio Lower Upper

164 100

162 105.8 83.0 124.4

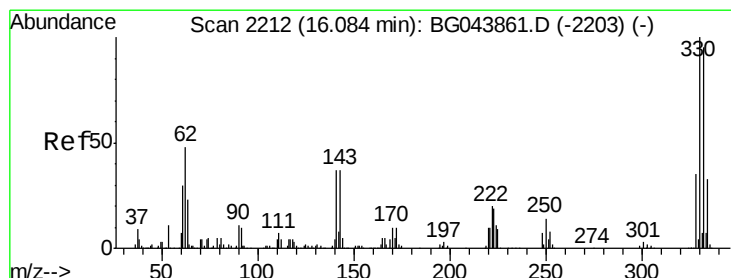
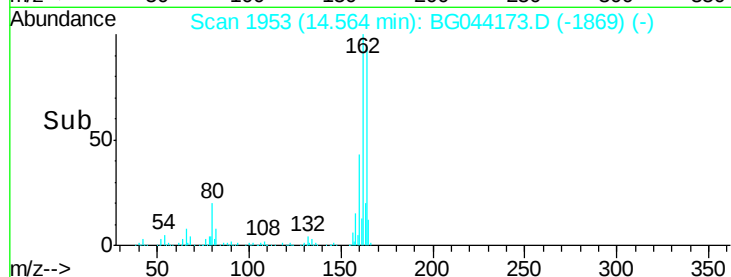
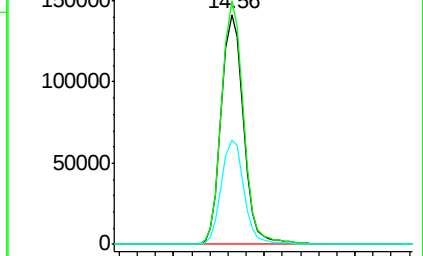
160 45.2 36.1 54.1



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: 60.503 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.03 min

Lab File: BG044173.D

Acq: 23 Jan 2020 18:55

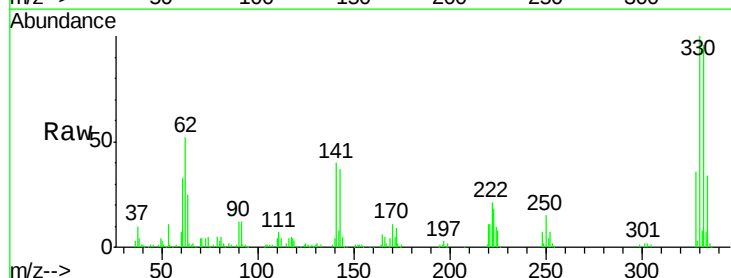
Tgt Ion:330 Resp: 153698

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

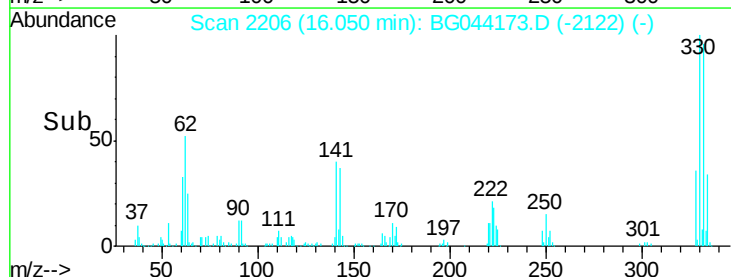
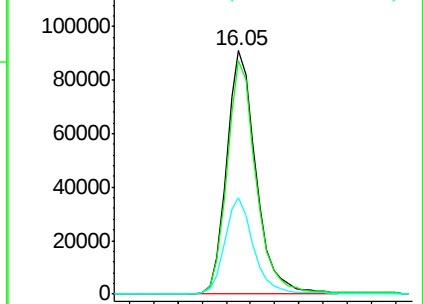
141 39.2 33.1 49.7



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



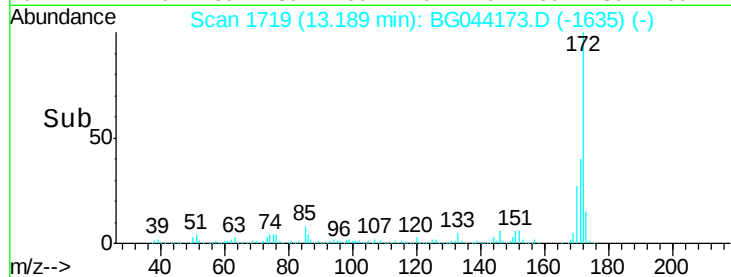
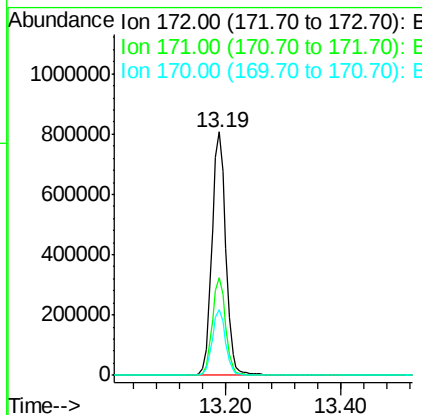
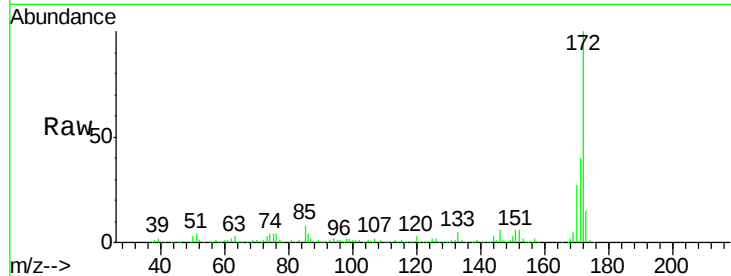


#45
 2-Fluorobiphenyl
 Concen: 101.134 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.03 min
 Lab File: BG044173.D
 Acq: 23 Jan 2020 18:55

Instrument :
 BNA_G
 ClientSampleId :
 PB126290BL

Tot Ion:172 Resp: 1355056

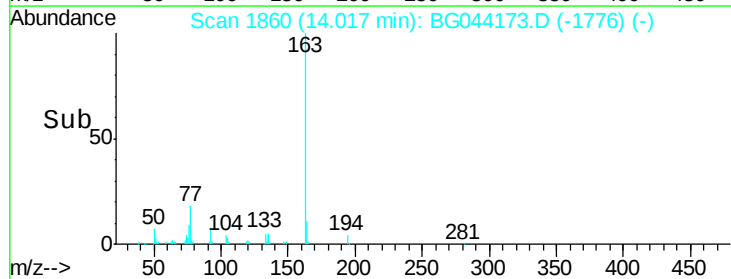
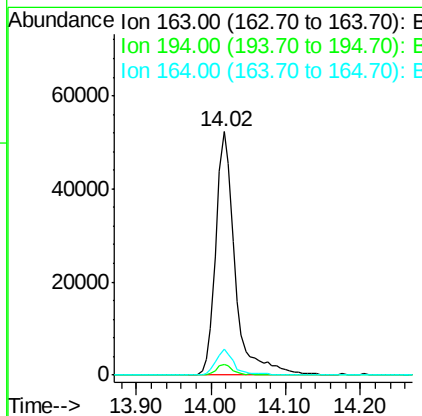
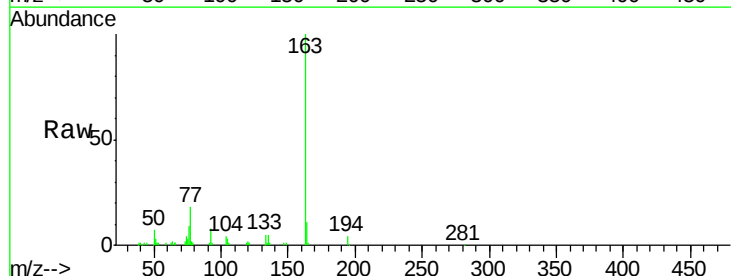
Ion	Ratio	Lower	Upper
172	100		
171	39.9	35.8	53.8
170	26.9	24.2	36.4



#50
 Dimethylphthalate
 Concen: 5.448 ng
 RT: 14.02 min Scan# 1860
 Delta R.T. -0.03 min
 Lab File: BG044173.D
 Acq: 23 Jan 2020 18:55

Tgt Ion:163 Resp: 93898

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	10.7	9.3	13.9

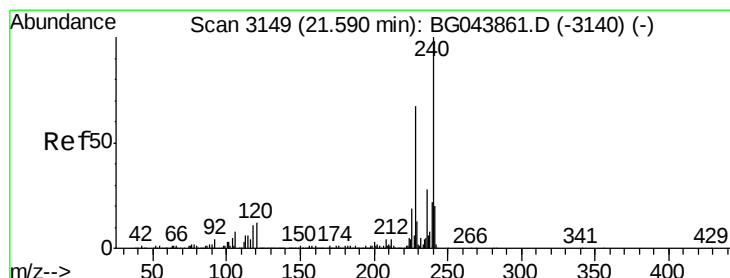
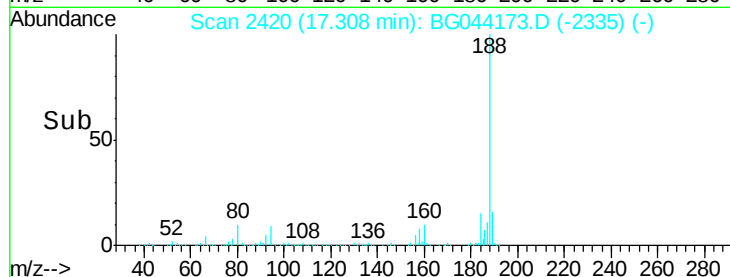
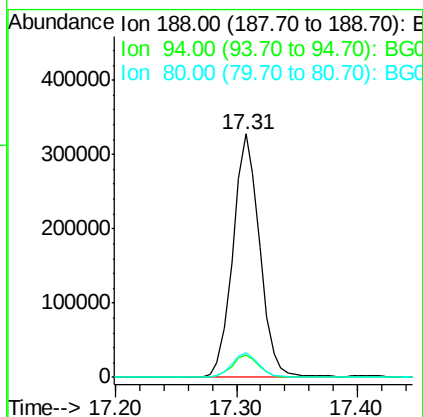
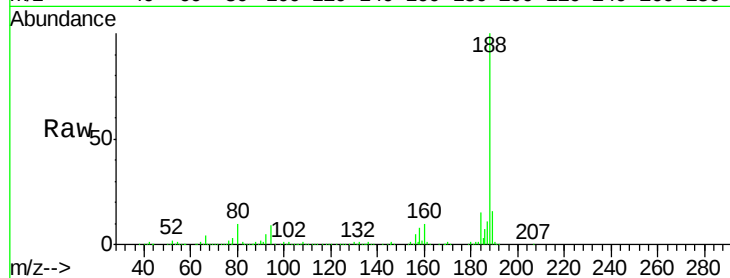




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044173.D
Acq: 23 Jan 2020 18:55

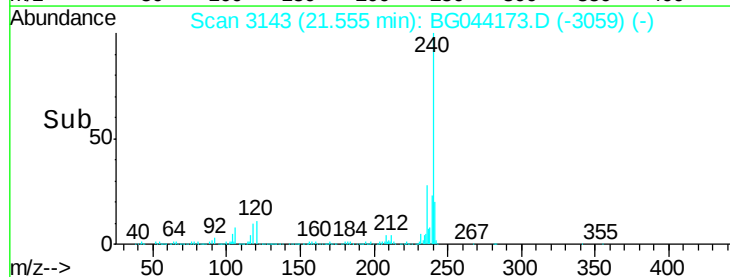
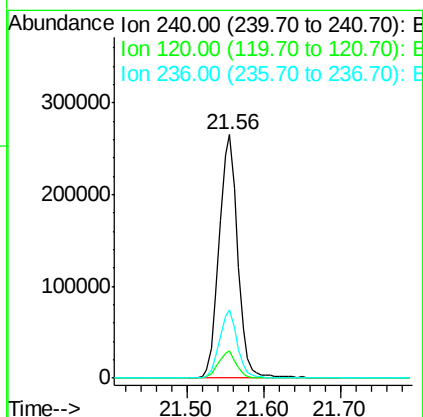
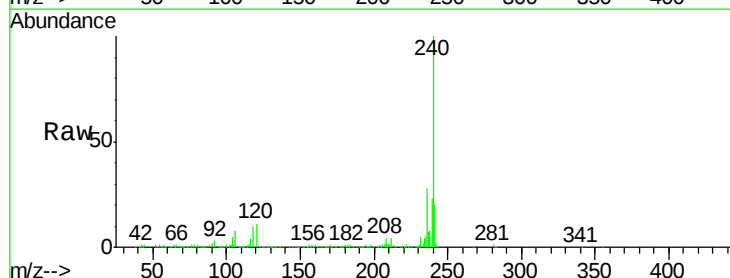
Instrument :
BNA_G
ClientSampleId :
PB126290BL

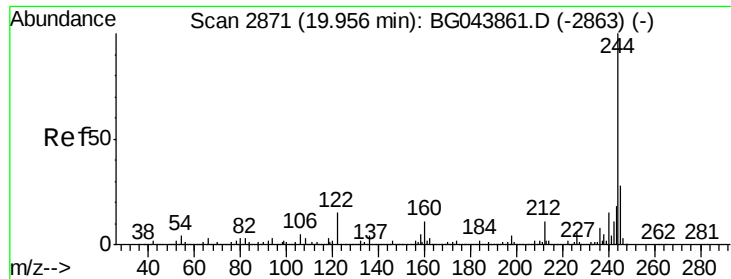
Tot Ion:188 Resp: 507365
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.3 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044173.D
Acq: 23 Jan 2020 18:55

Tgt Ion:240 Resp: 443144
Ion Ratio Lower Upper
240 100
120 11.5 9.6 14.4
236 28.1 22.2 33.2





#79

Terphenyl-d14

Concen: 122.697 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044173.D

Acq: 23 Jan 2020 18:55

Instrument :

BNA_G

ClientSampleId :

PB126290BL

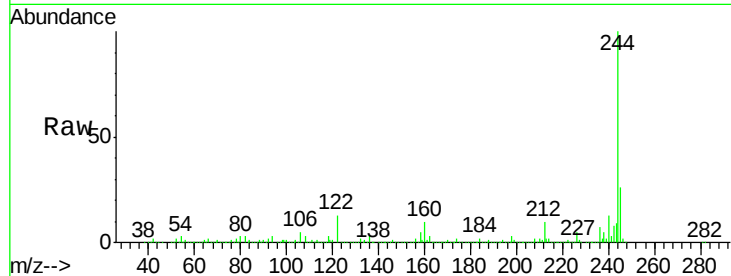
Tot Ion:244 Resp: 2021122

Ion Ratio Lower Upper

244 100

212 9.5 8.6 13.0

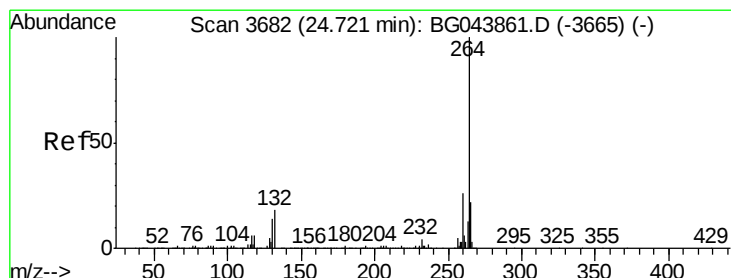
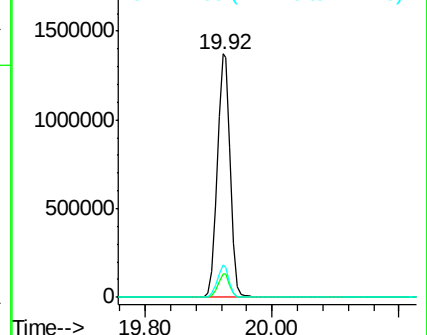
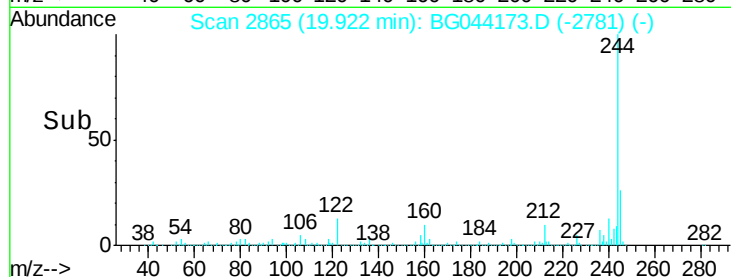
122 13.5 11.9 17.9



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: 24.66 min Scan# 3671

Delta R.T. -0.06 min

Lab File: BG044173.D

Acq: 23 Jan 2020 18:55

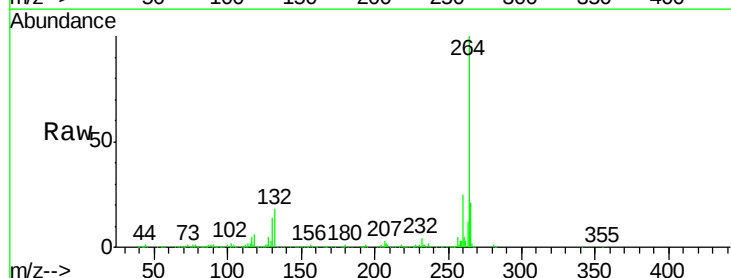
Tgt Ion:264 Resp: 491645

Ion Ratio Lower Upper

264 100

260 24.5 20.4 30.6

265 21.1 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

