

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012220\
 Data File : BG044156.D
 Acq On : 22 Jan 2020 13:45
 Operator : JU
 Sample : PB126265BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126265BL

Quant Time: Jan 23 08:03:53 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	80504	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	353738	20.00	ng	-0.04
39) Acenaphthene-d10	14.56	164	247284	20.00	ng	-0.04
64) Phenanthrene-d10	17.31	188	487291	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	421203	20.00	ng	-0.04
87) Perylene-d12	24.66	264	466775	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	617641	140.87	ng	-0.03
7) Phenol-d6	7.10	99	856775	139.80	ng	-0.02
23) Nitrobenzene-d5	9.09	82	524102	79.26	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	324503	125.40	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1260957	92.39	ng	-0.04
79) Terphenyl-d14	19.92	244	1761304	107.90	ng	-0.04

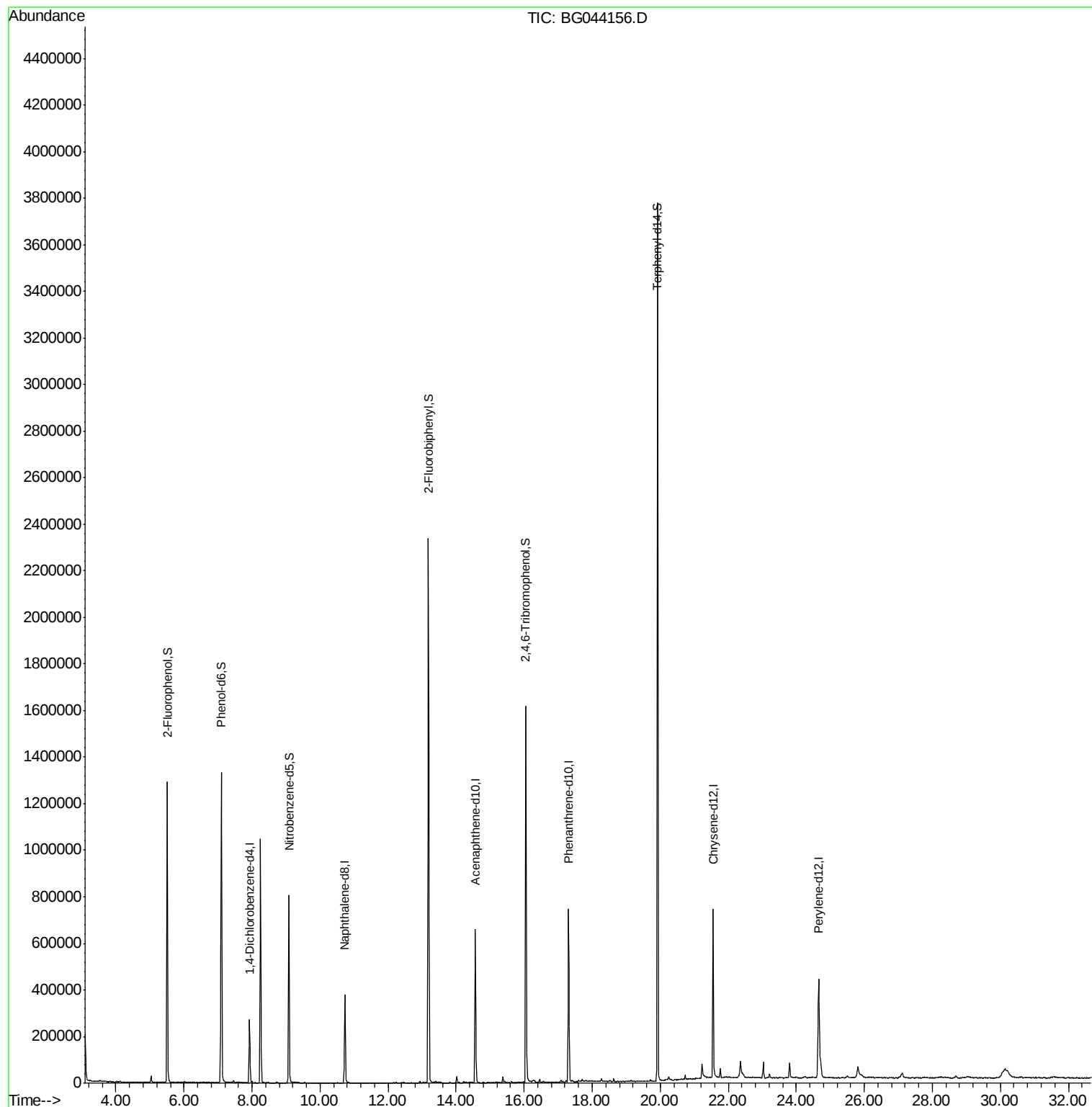
Target Compounds Qvalue

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

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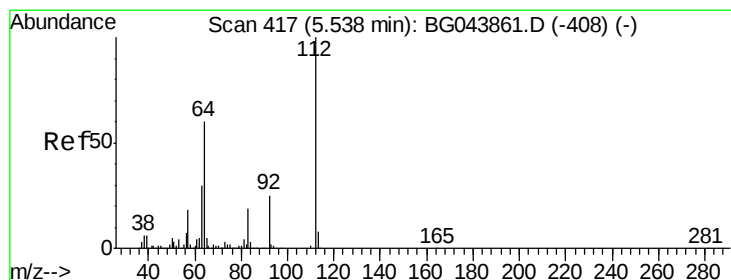
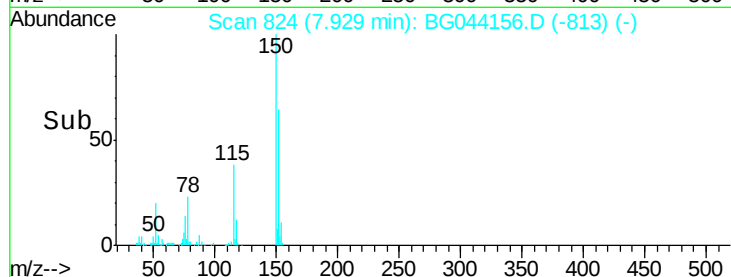
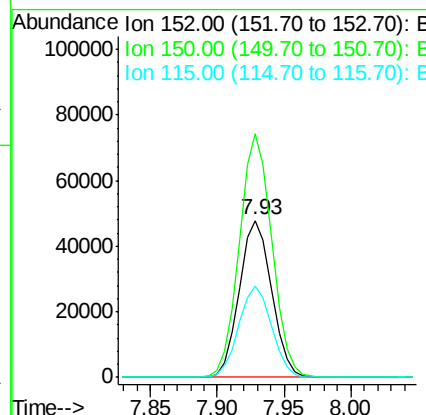
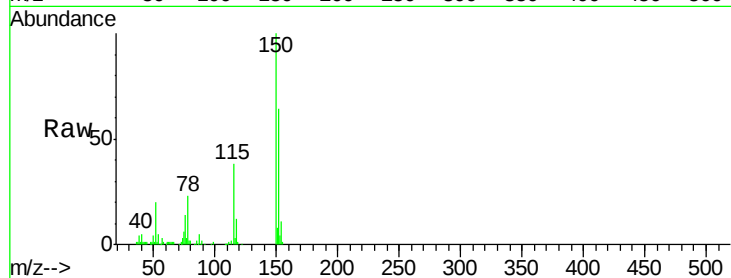


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044156.D
Acq: 22 Jan 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126265BL

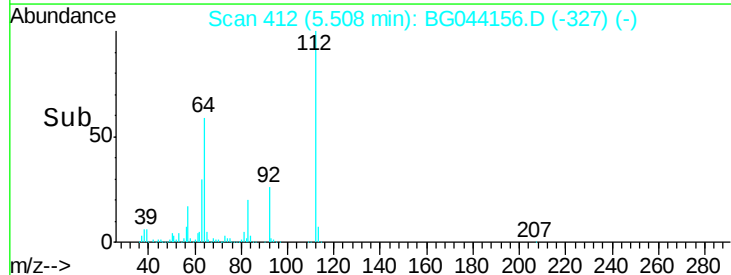
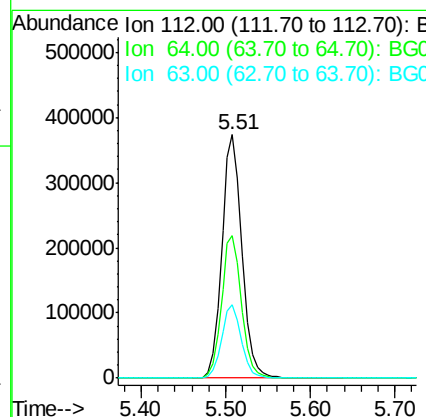
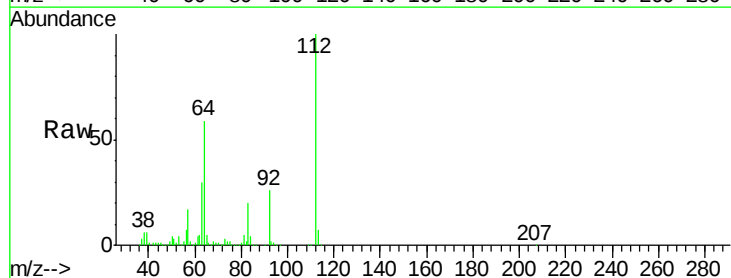
Tot Ion:152 Resp: 80504
Ion Ratio Lower Upper
152 100
150 155.4 127.0 190.4
115 58.3 47.8 71.8

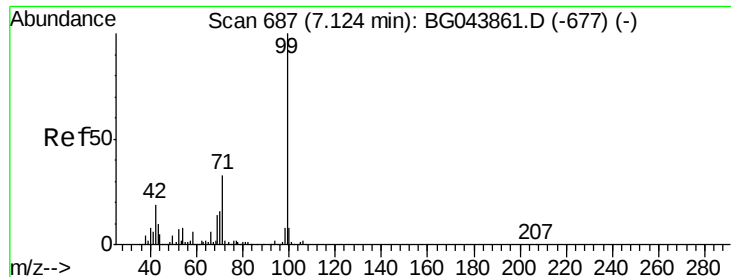


#5

2-Fluorophenol
Concen: 140.870 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044156.D
Acq: 22 Jan 2020 13:45

Tgt Ion:112 Resp: 617641
Ion Ratio Lower Upper
112 100
64 58.7 47.8 71.6
63 30.3 24.3 36.5





#7

Phenol-d6

Concen: 139.798 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044156.D

Acq: 22 Jan 2020 13:45

Instrument :

BNA_G

ClientSampleId :

PB126265BL

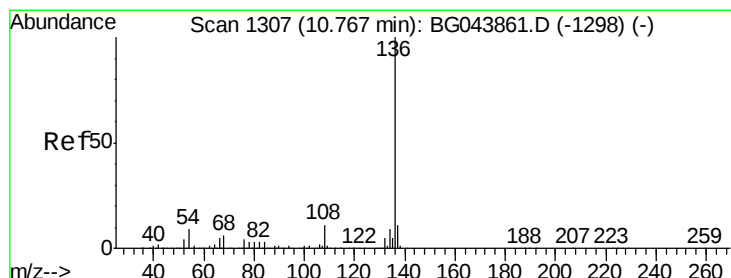
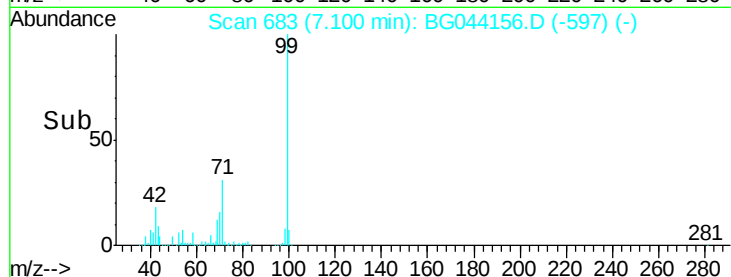
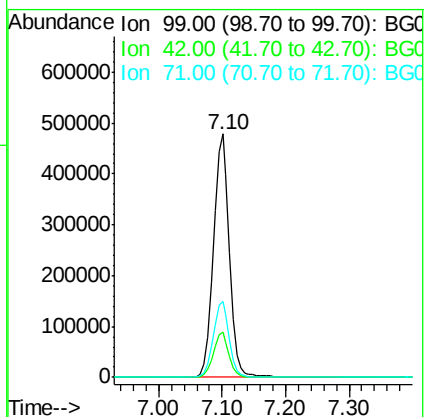
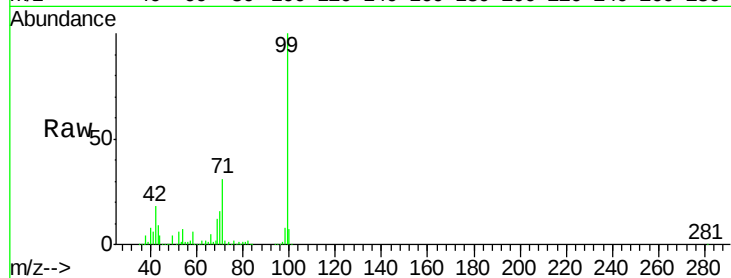
Tot Ion: 99 Resp: 856775

Ion Ratio Lower Upper

99 100

42 18.3 14.9 22.3

71 31.4 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.04 min

Lab File: BG044156.D

Acq: 22 Jan 2020 13:45

Tgt Ion: 136 Resp: 353738

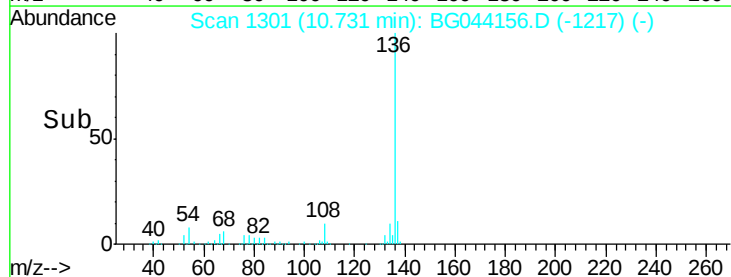
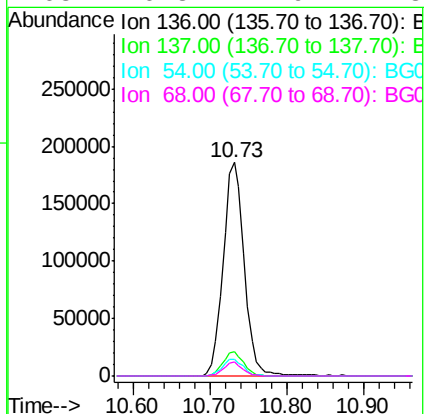
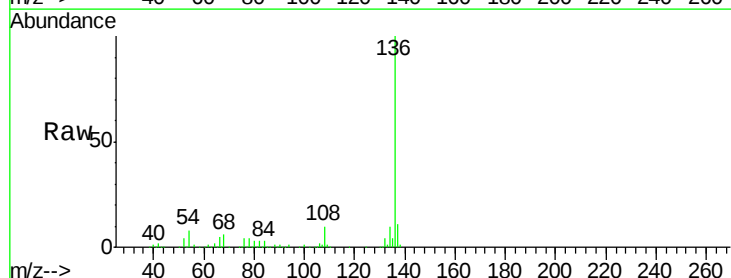
Ion Ratio Lower Upper

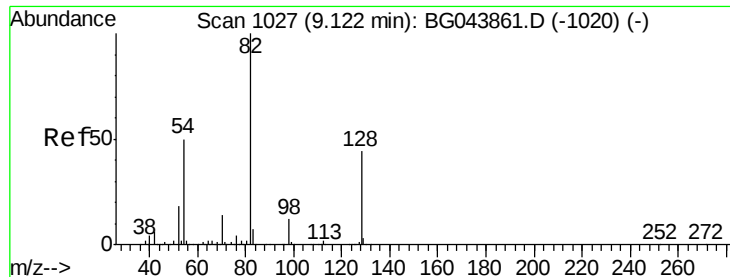
136 100

137 11.4 8.8 13.2

54 7.9 7.0 10.4

68 6.3 4.9 7.3

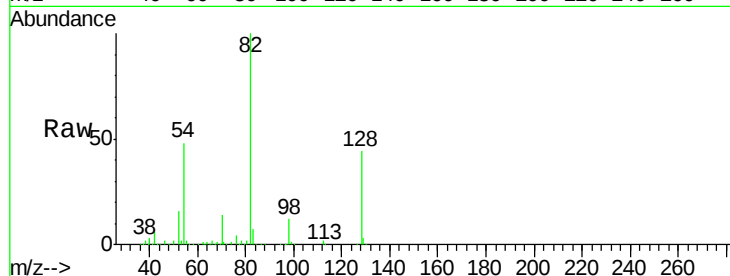




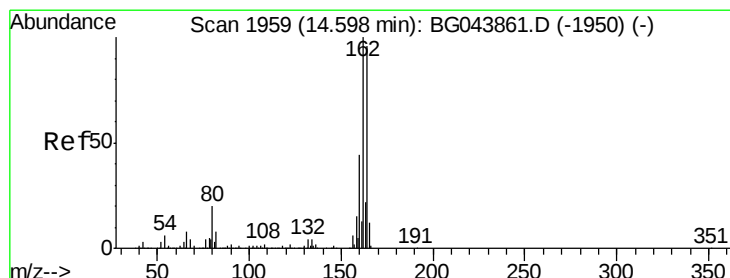
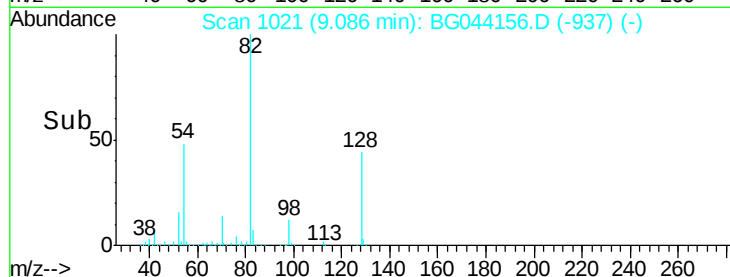
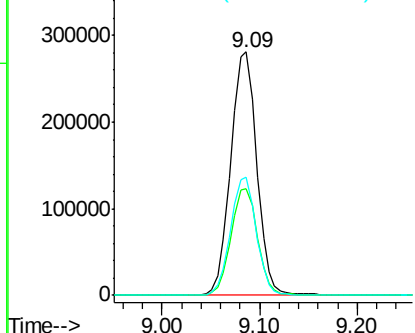
#23
 Nitrobenzene-d5
 Concen: 79.260 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.04 min
 Lab File: BG044156.D
 Acq: 22 Jan 2020 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB126265BL

Tot Ion	82	Resp	524102
Ion Ratio	Lower	Upper	
82	100		
128	44.0	35.1	52.7
54	48.3	40.1	60.1

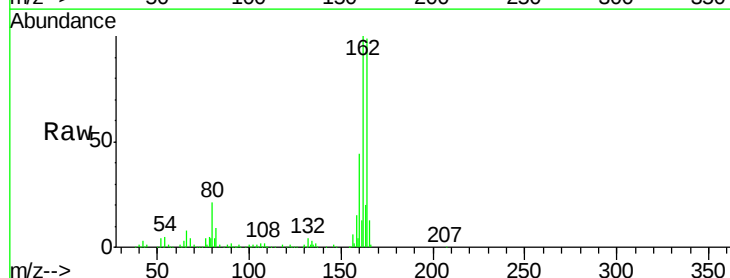


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

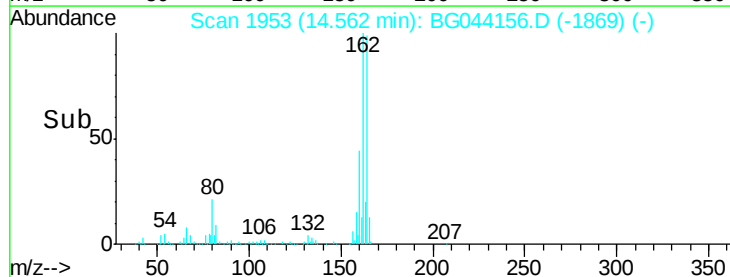
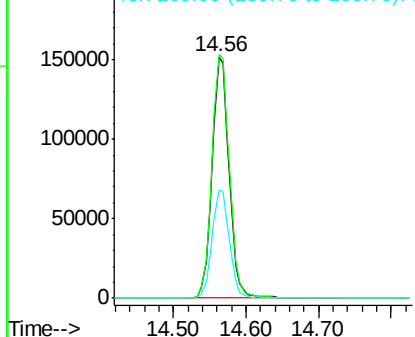


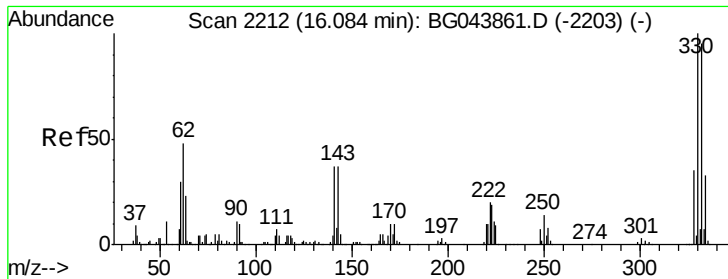
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.04 min
 Lab File: BG044156.D
 Acq: 22 Jan 2020 13:45

Tgt Ion	164	Resp	247284
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
164	100		
162	100.8	83.0	124.4
160	44.6	36.1	54.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

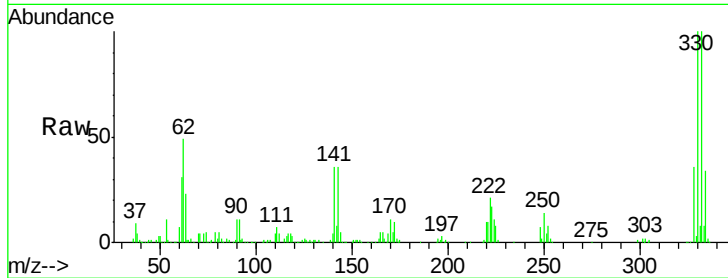




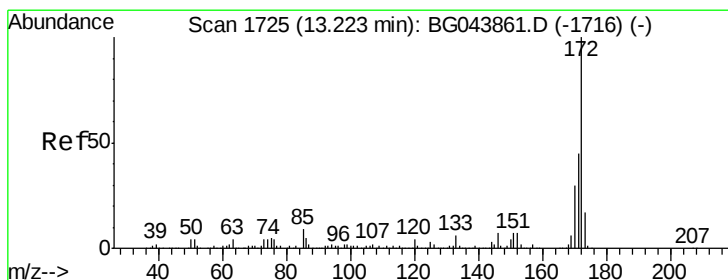
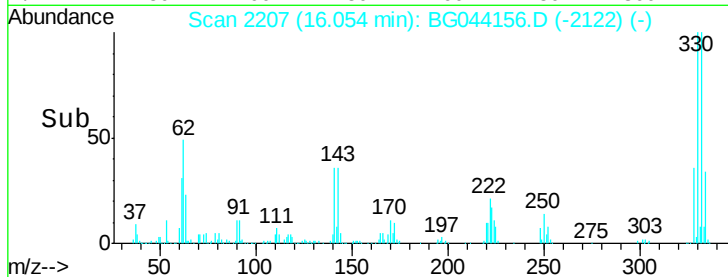
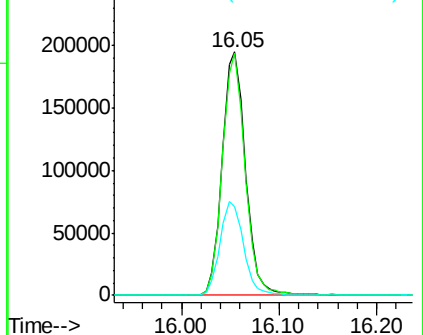
#42
 2,4,6-Tribromophenol
 Concen: 125.398 ng
 RT: 16.05 min Scan# 2207
 Delta R.T. -0.03 min
 Lab File: BG044156.D
 Acq: 22 Jan 2020 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB126265BL

Tot Ion:330 Resp: 324503
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.2 115.8
 141 38.9 33.1 49.7

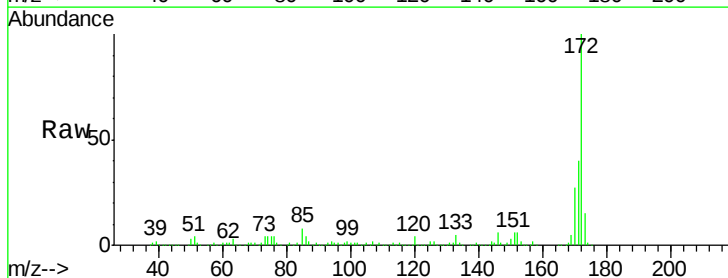


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

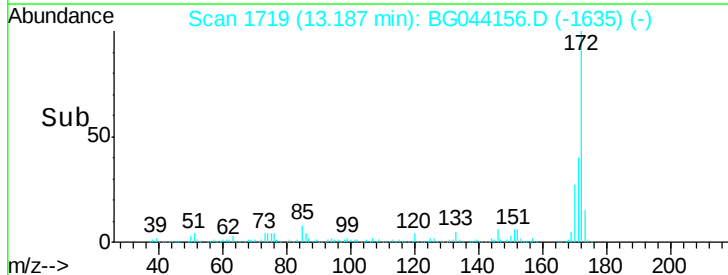
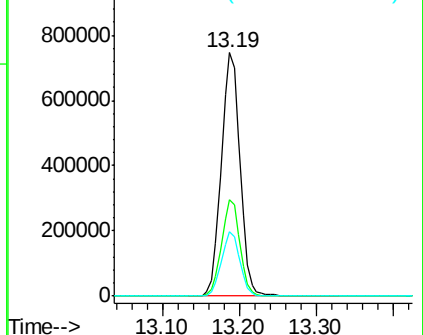


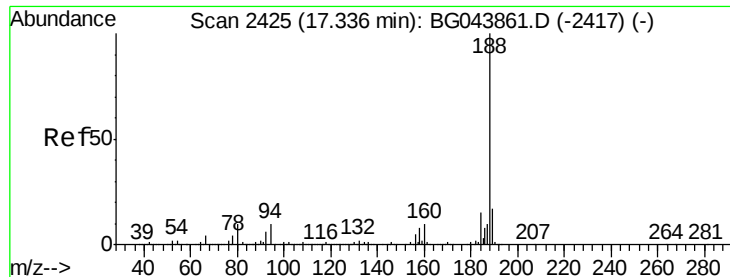
#45
 2-Fluorobiphenyl
 Concen: 92.386 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.04 min
 Lab File: BG044156.D
 Acq: 22 Jan 2020 13:45

Tgt Ion:172 Resp: 1260957
 Ion Ratio Lower Upper
 172 100
 171 39.7 35.8 53.8
 170 26.6 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

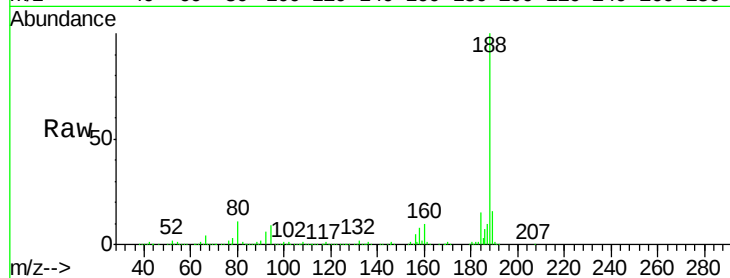




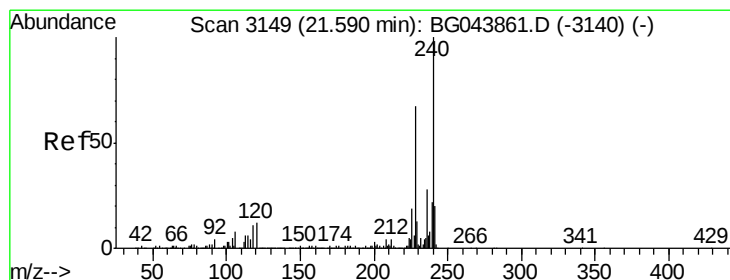
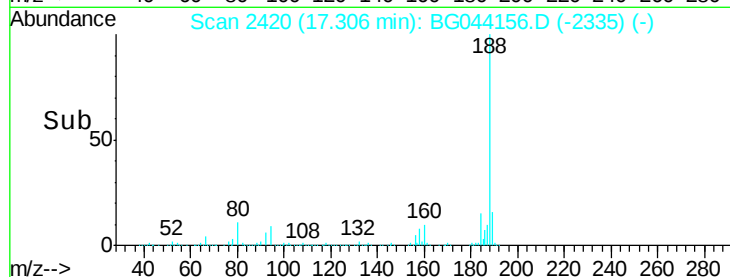
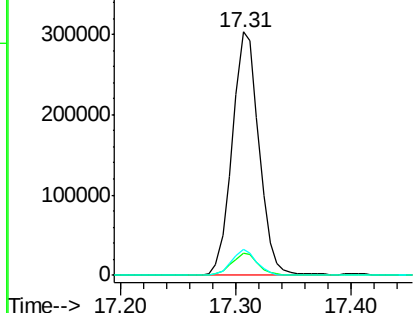
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044156.D
Acq: 22 Jan 2020 13:45

Instrument :
BNA_G
ClientSampleId :
PB126265BL

Tot Ion:188 Resp: 487291
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.7 8.2 12.4

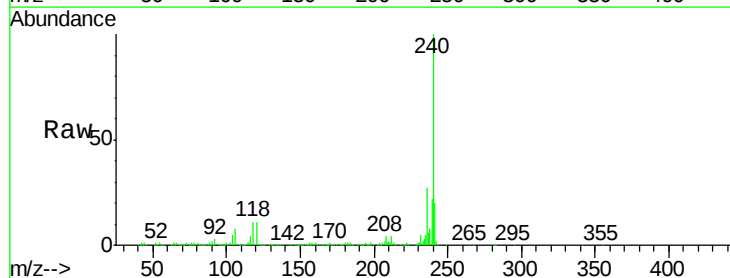


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

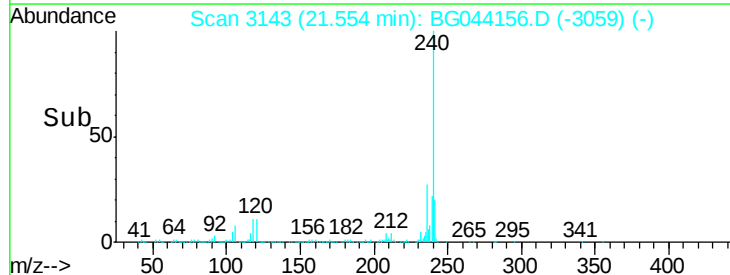
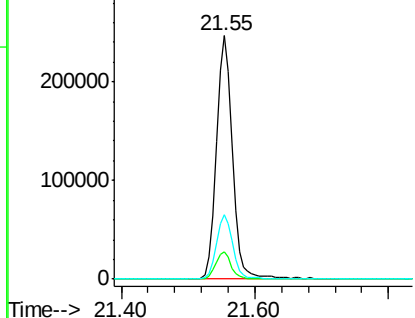


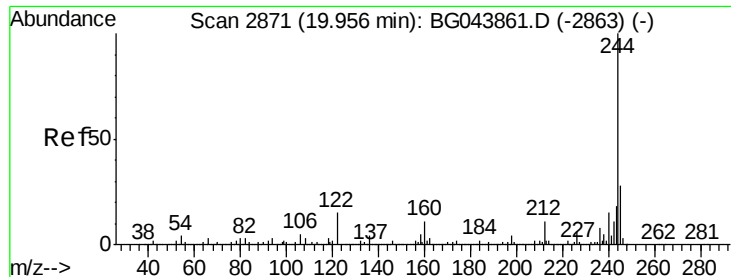
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.04 min
Lab File: BG044156.D
Acq: 22 Jan 2020 13:45

Tgt Ion:240 Resp: 421203
Ion Ratio Lower Upper
240 100
120 11.3 9.6 14.4
236 26.6 22.2 33.2



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: 107.896 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.04 min

Lab File: BG044156.D

Acq: 22 Jan 2020 13:45

Instrument :

BNA_G

ClientSampleId :

PB126265BL

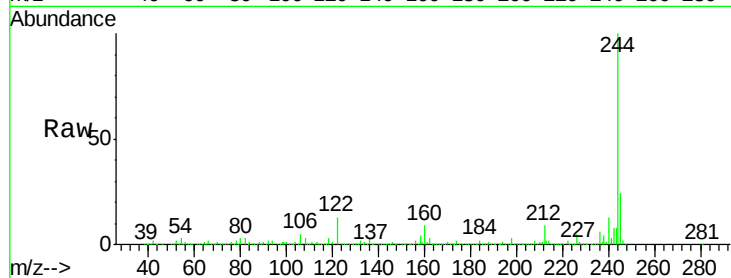
Tot Ion:244 Resp: 1761304

Ion Ratio Lower Upper

244 100

212 9.2 8.6 13.0

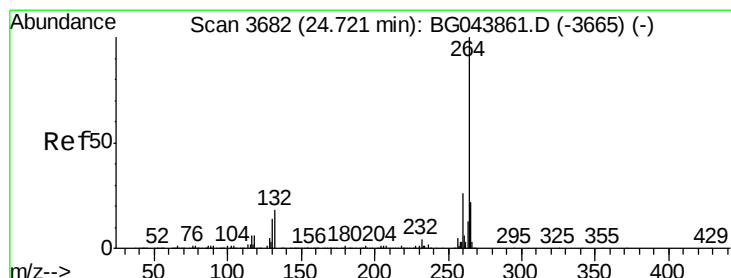
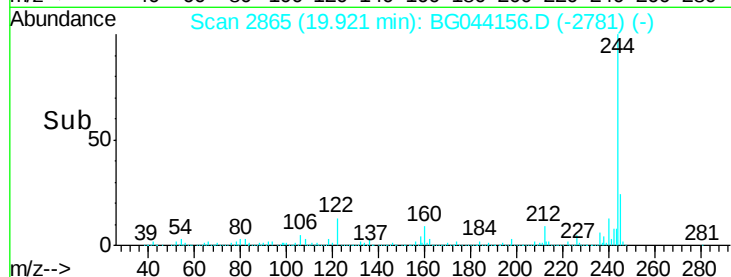
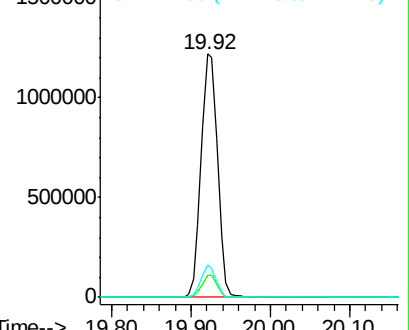
122 13.1 11.9 17.9



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# 3672

Delta R.T. -0.06 min

Lab File: BG044156.D

Acq: 22 Jan 2020 13:45

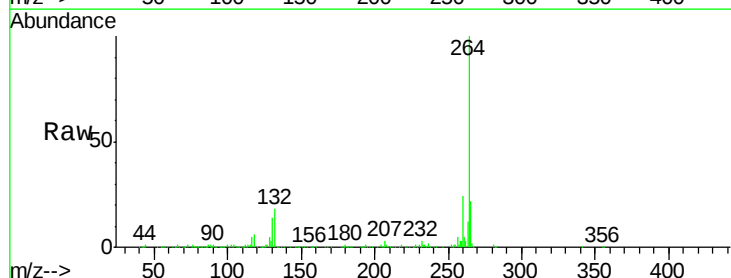
Tgt Ion:264 Resp: 466775

Ion Ratio Lower Upper

264 100

260 24.1 20.4 30.6

265 22.2 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

