

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
 Data File : BG044216.D
 Acq On : 27 Jan 2020 15:32
 Operator : CG/JU
 Sample : PB126367BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126367BL

Quant Time: Jan 28 01:03:52 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	88263	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	387086	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	265381	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	530306	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	465704	20.00	ng	-0.03
87) Perylene-d12	24.67	264	511168	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	749395	155.90	ng	-0.03
7) Phenol-d6	7.10	99	992880	147.76	ng	-0.02
23) Nitrobenzene-d5	9.09	82	606332	83.80	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	392623	141.38	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1484104	101.32	ng	-0.03
79) Terphenyl-d14	19.93	244	2118478	122.21	ng	-0.03

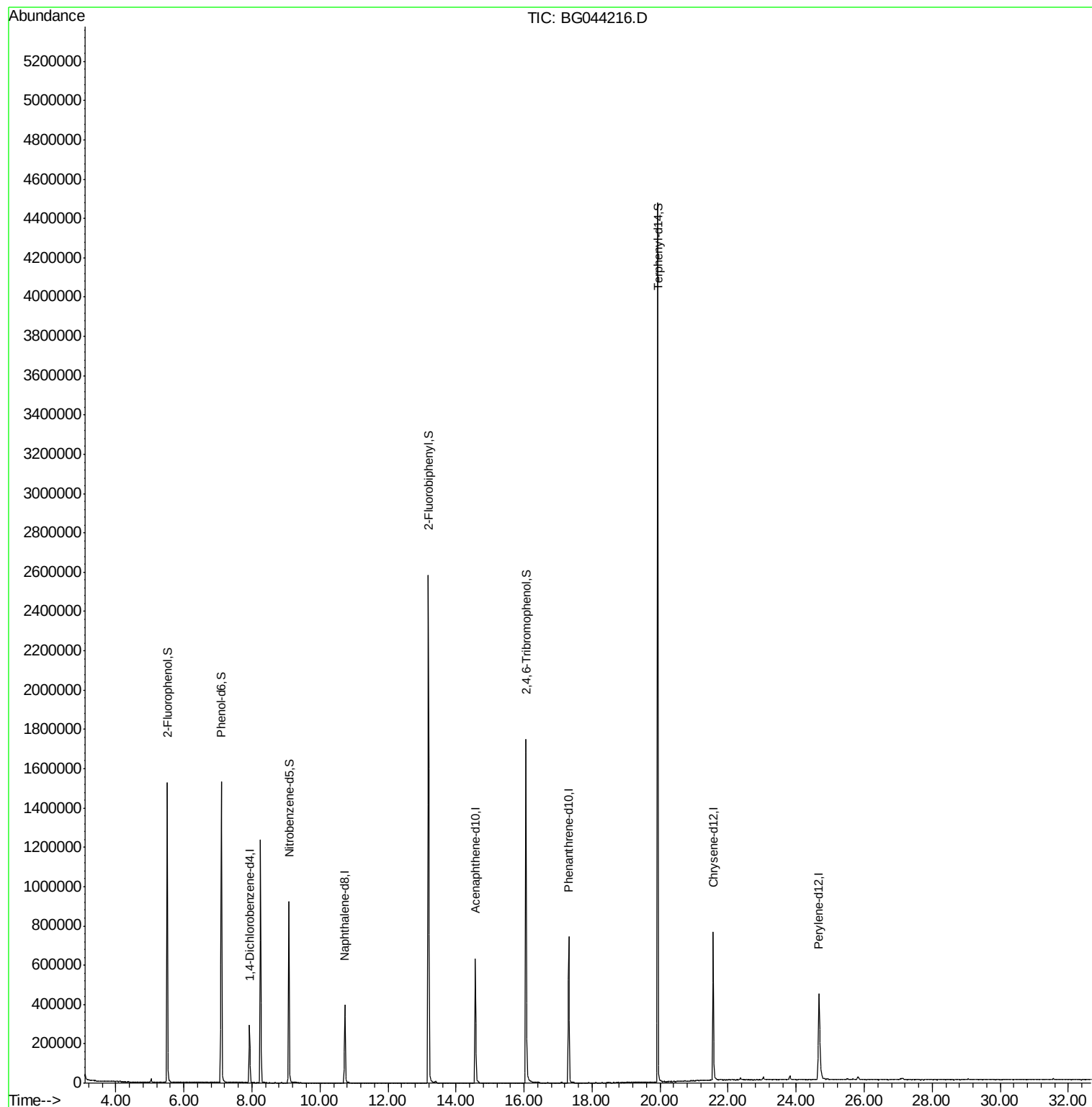
Target Compounds Qvalue

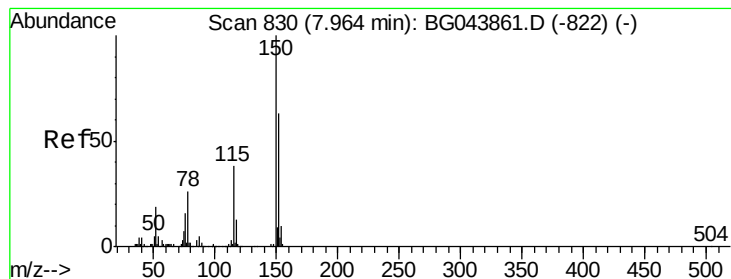
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
Data File : BG044216.D
Acq On : 27 Jan 2020 15:32
Operator : CG/JU
Sample : PB126367BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126367BL

Quant Time: Jan 28 01:03:52 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



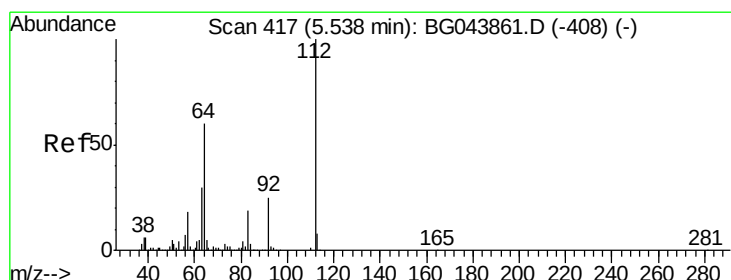
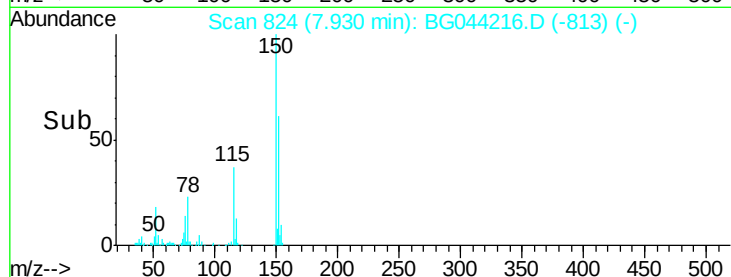
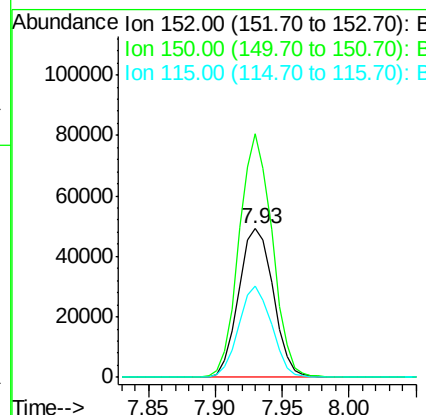
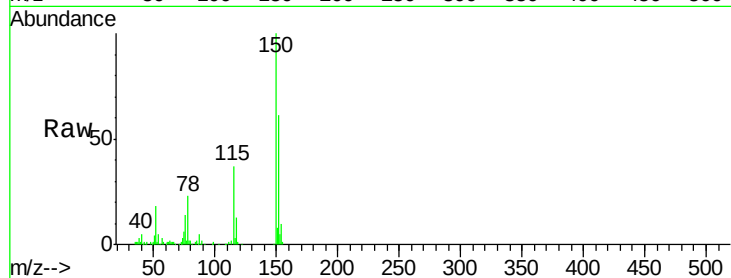


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044216.D
Acq: 27 Jan 2020 15:32

Instrument :
BNA_G
ClientSampleId :
PB126367BL

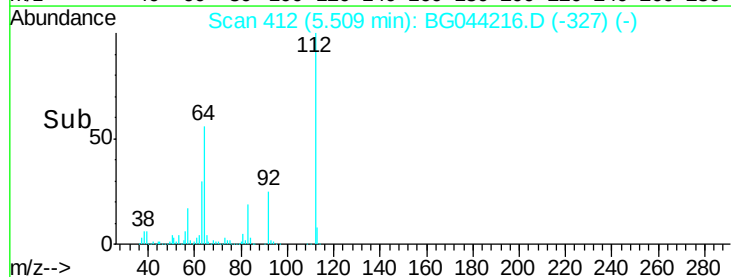
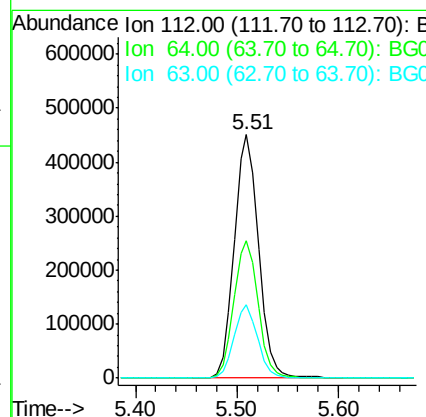
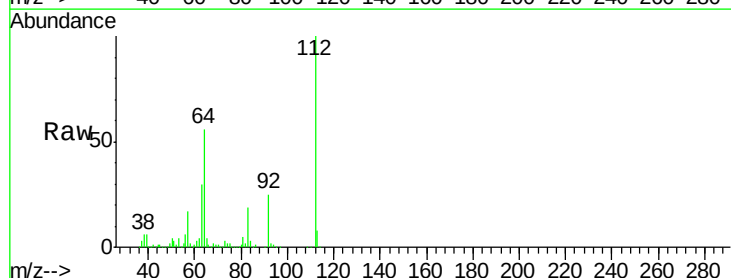
Tot Ion	Ratio	Lower	Upper
152	100		
150	163.7	127.0	190.4
115	61.4	47.8	71.8

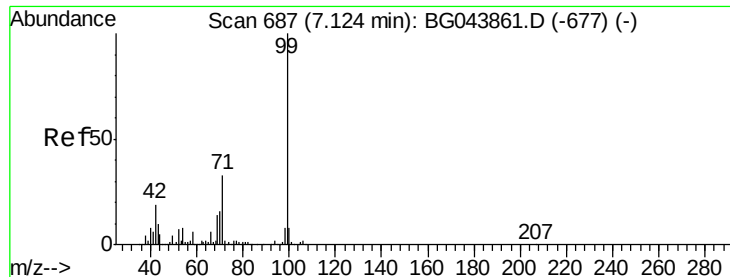


#5

2-Fluorophenol
Concen: 155.895 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044216.D
Acq: 27 Jan 2020 15:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.8	71.6
63	30.1	24.3	36.5





#7

Phenol-d6

Concen: 147.764 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044216.D

Acq: 27 Jan 2020 15:32

Instrument :

BNA_G

ClientSampleId :

PB126367BL

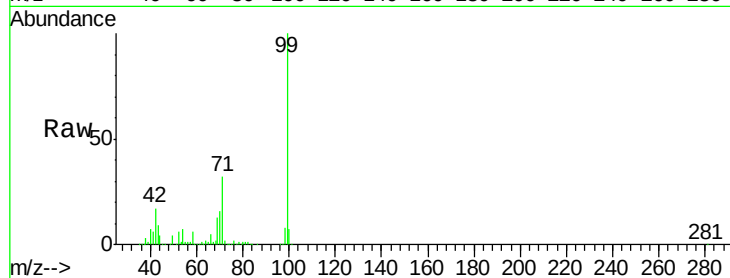
Tot Ion: 99 Resp: 992880

Ion Ratio Lower Upper

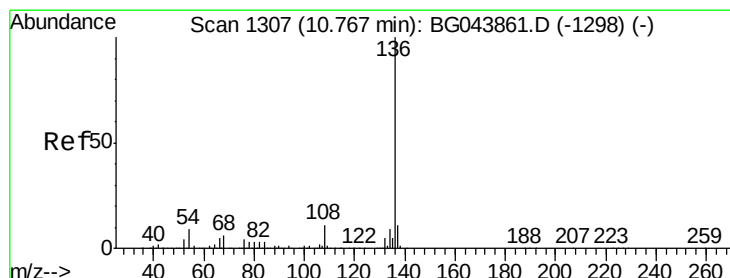
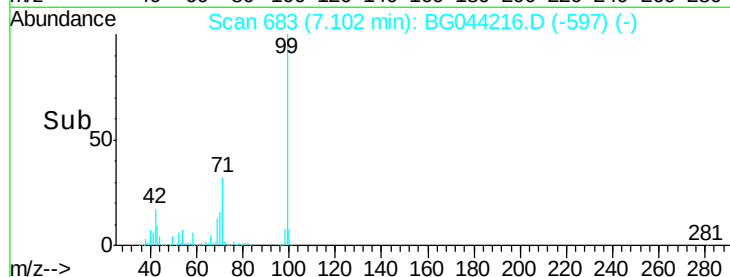
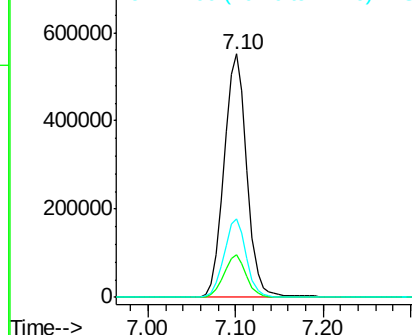
99 100

42 17.5 14.9 22.3

71 32.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BG044216.D

Acq: 27 Jan 2020 15:32

Tgt Ion: 136 Resp: 387086

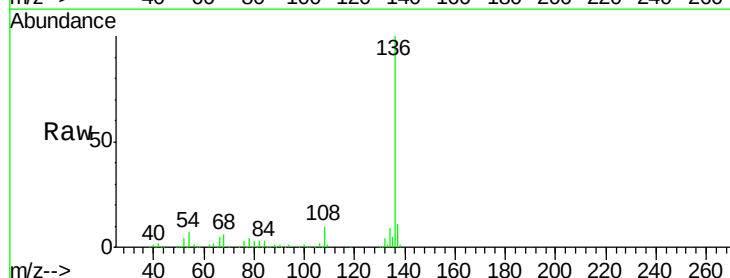
Ion Ratio Lower Upper

136 100

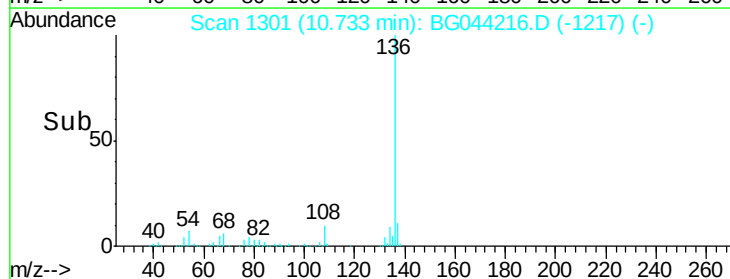
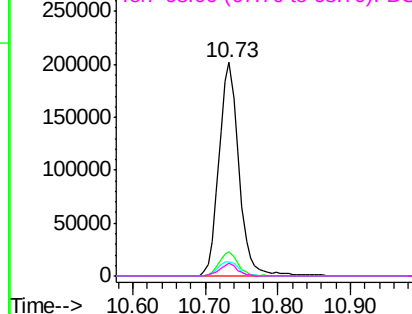
137 11.4 8.8 13.2

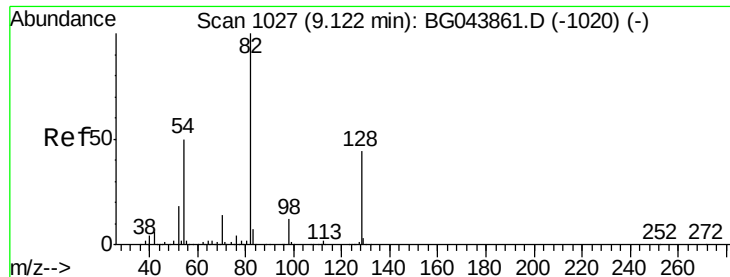
54 6.9 7.0 10.4#

68 5.8 4.9 7.3



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

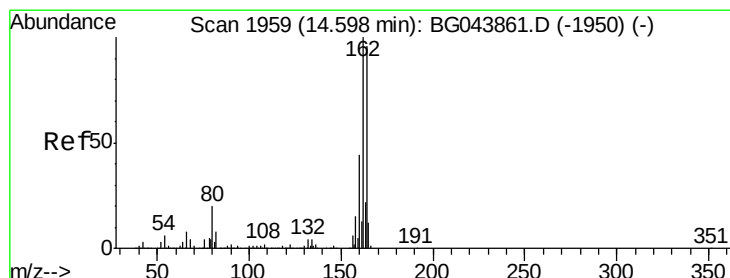
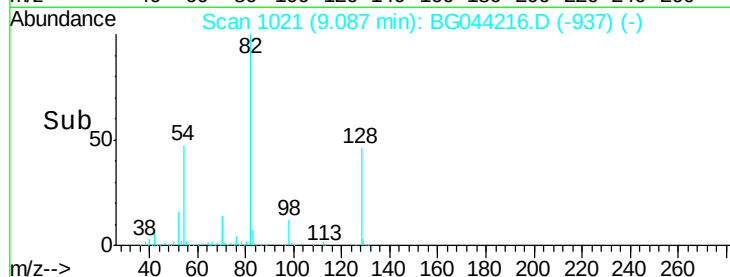
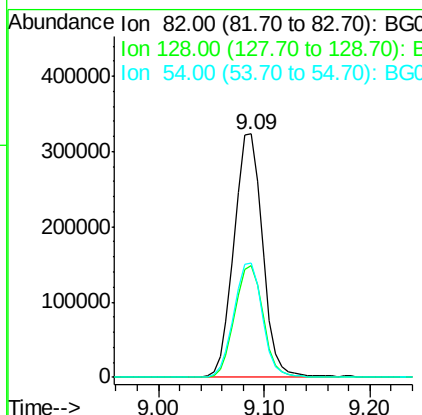
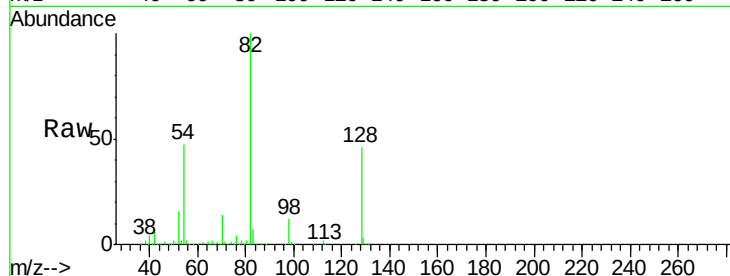




#23
 Nitrobenzene-d5
 Concen: 83.796 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.03 min
 Lab File: BG044216.D
 Acq: 27 Jan 2020 15:32

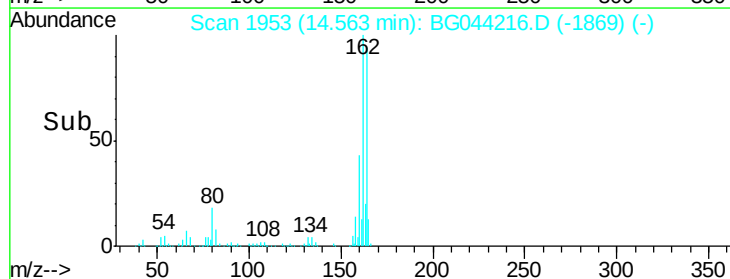
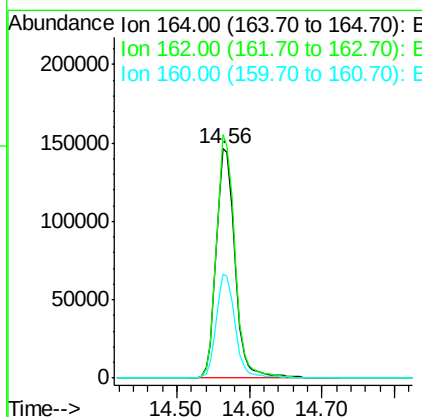
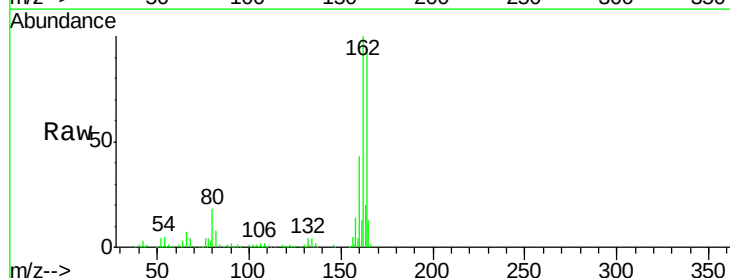
Instrument :
 BNA_G
 ClientSampleId :
 PB126367BL

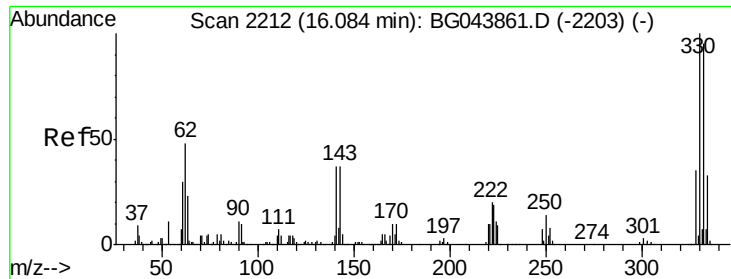
Tot Ion	82	Resp	606332
Ion Ratio	Lower	Upper	
82	100		
128	45.8	35.1	52.7
54	46.9	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.03 min
 Lab File: BG044216.D
 Acq: 27 Jan 2020 15:32

Tgt Ion	164	Resp	265381
Ion Ratio	Lower	Upper	
164	100		
162	106.2	83.0	124.4
160	45.3	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 141.376 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044216.D

Acq: 27 Jan 2020 15:32

Instrument :

BNA_G

ClientSampleId :

PB126367BL

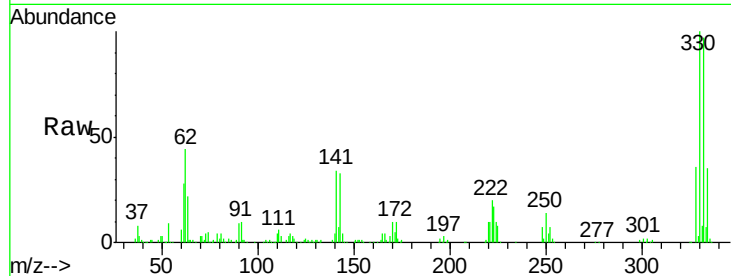
Tot Ion:330 Resp: 392623

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

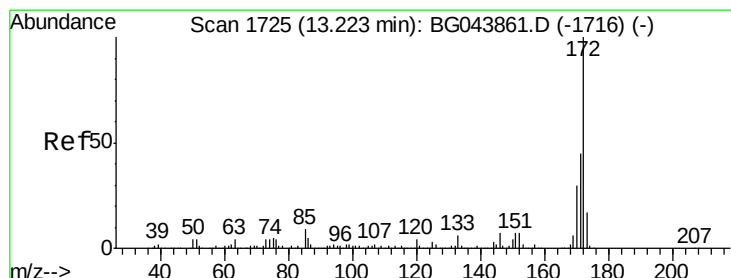
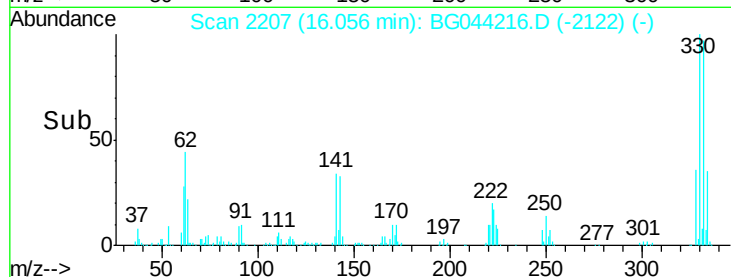
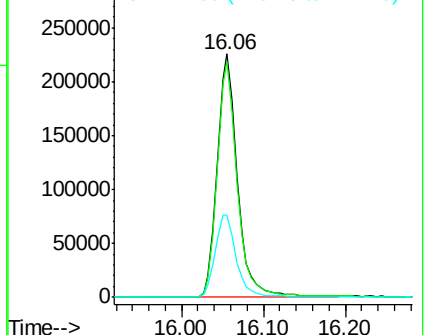
141 35.6 33.1 49.7



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: 101.321 ng

RT: 13.19 min Scan# 1719

Delta R.T. -0.03 min

Lab File: BG044216.D

Acq: 27 Jan 2020 15:32

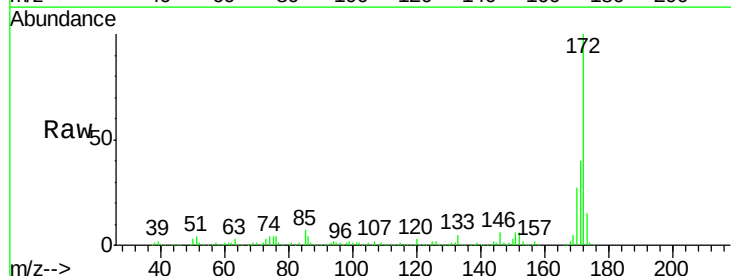
Tgt Ion:172 Resp: 1484104

Ion Ratio Lower Upper

172 100

171 39.6 35.8 53.8

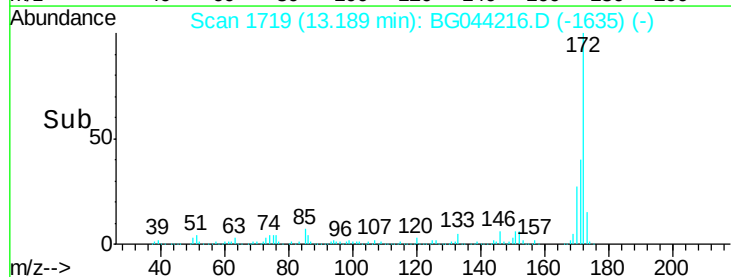
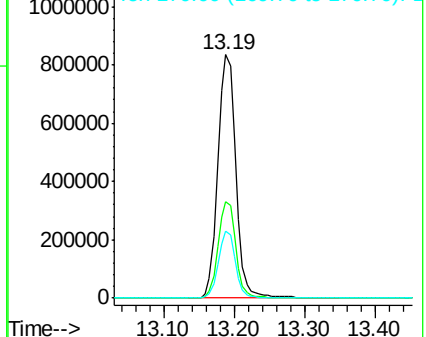
170 27.4 24.2 36.4

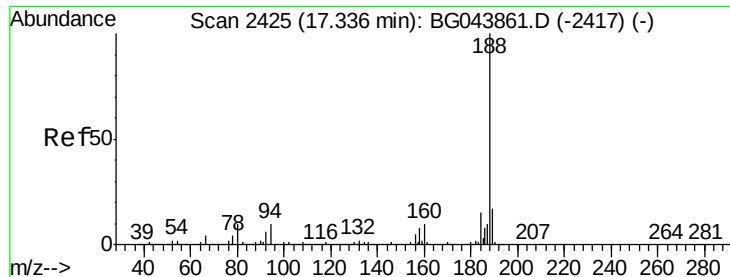


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

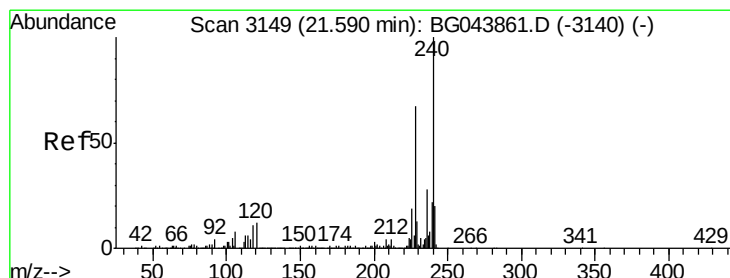
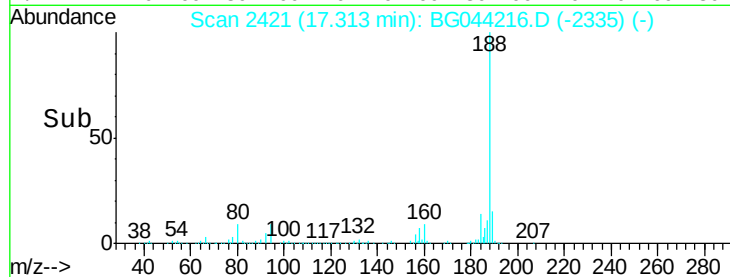
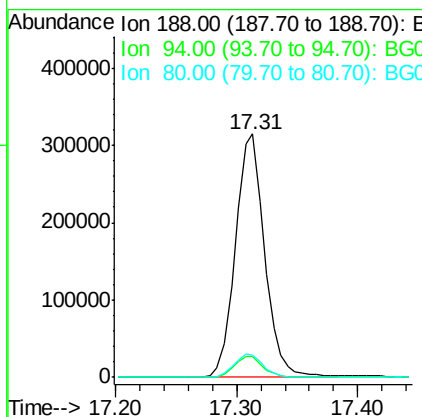
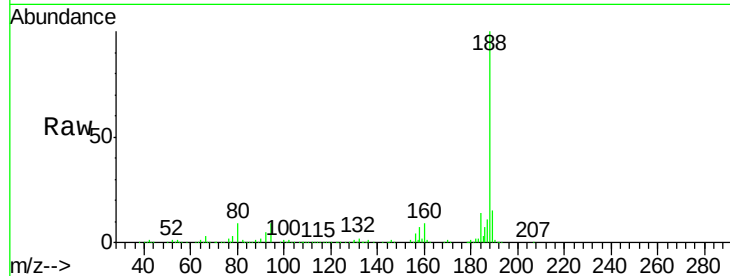




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044216.D
Acq: 27 Jan 2020 15:32

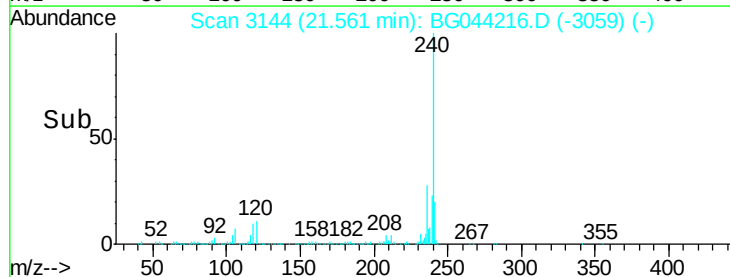
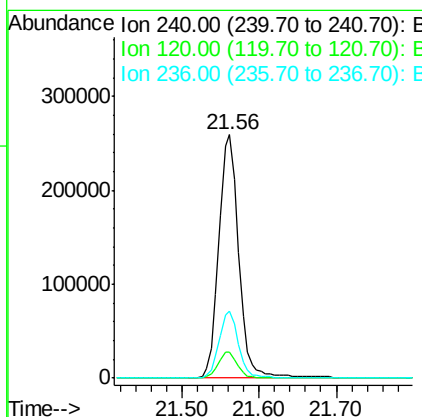
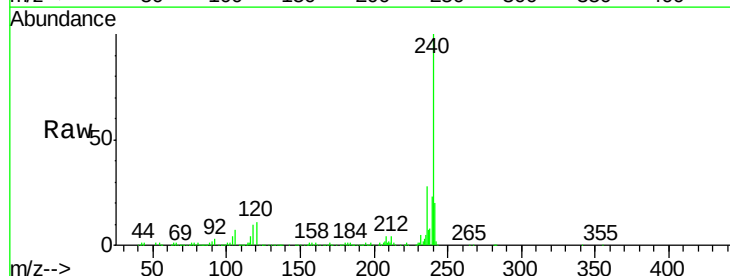
Instrument :
BNA_G
ClientSampleId :
PB126367BL

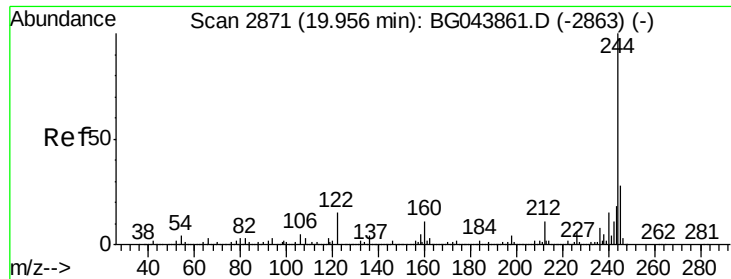
Tot Ion:188 Resp: 530306
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 9.1 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.03 min
Lab File: BG044216.D
Acq: 27 Jan 2020 15:32

Tgt Ion:240 Resp: 465704
Ion Ratio Lower Upper
240 100
120 10.7 9.6 14.4
236 27.6 22.2 33.2





#79

Terphenyl-d14

Concen: 122.211 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044216.D

Acq: 27 Jan 2020 15:32

Instrument :

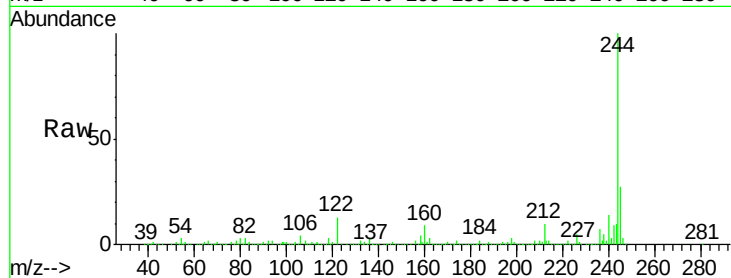
BNA_G

ClientSampleId :

PB126367BL

Tot Ion:244 Resp: 2118478

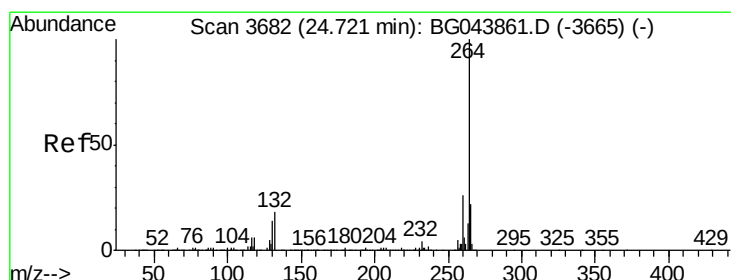
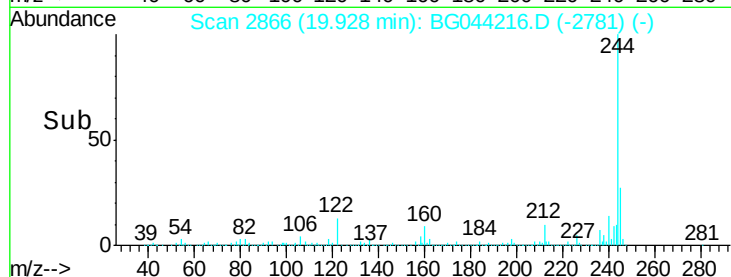
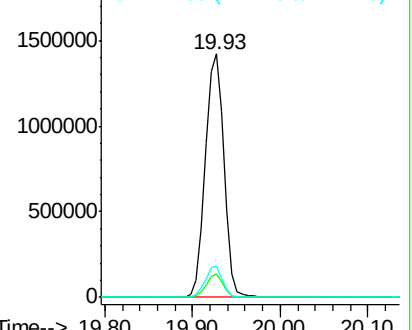
Ion	Ratio	Lower	Upper
244	100		
212	9.6	8.6	13.0
122	12.7	11.9	17.9



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: 24.67 min Scan# 3673

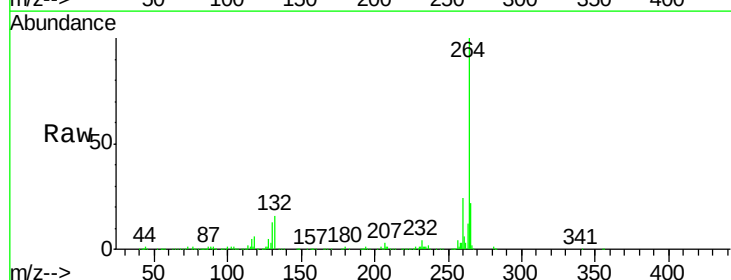
Delta R.T. -0.05 min

Lab File: BG044216.D

Acq: 27 Jan 2020 15:32

Tgt Ion:264 Resp: 511168

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.4	30.6
265	21.8	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

