

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011520\
 Data File : BG044057.D
 Acq On : 15 Jan 2020 19:49
 Operator : JU
 Sample : PB126104BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126104BL

Quant Time: Jan 16 08:32:33 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	7.94	152	101616	20.00	ng	-0.02
21) Naphthalene-d8	10.74	136	408693	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	276885	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	628132	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	571831	20.00	ng	-0.03
87) Perylene-d12	24.68	264	633576	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	269066	48.62	ng	-0.02
7) Phenol-d6	7.11	99	224849	29.07	ng	-0.02
23) Nitrobenzene-d5	9.09	82	613598	80.32	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	288701	99.64	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1366401	89.41	ng	-0.02
79) Terphenyl-d14	19.93	244	2140453	92.28	ng	-0.02

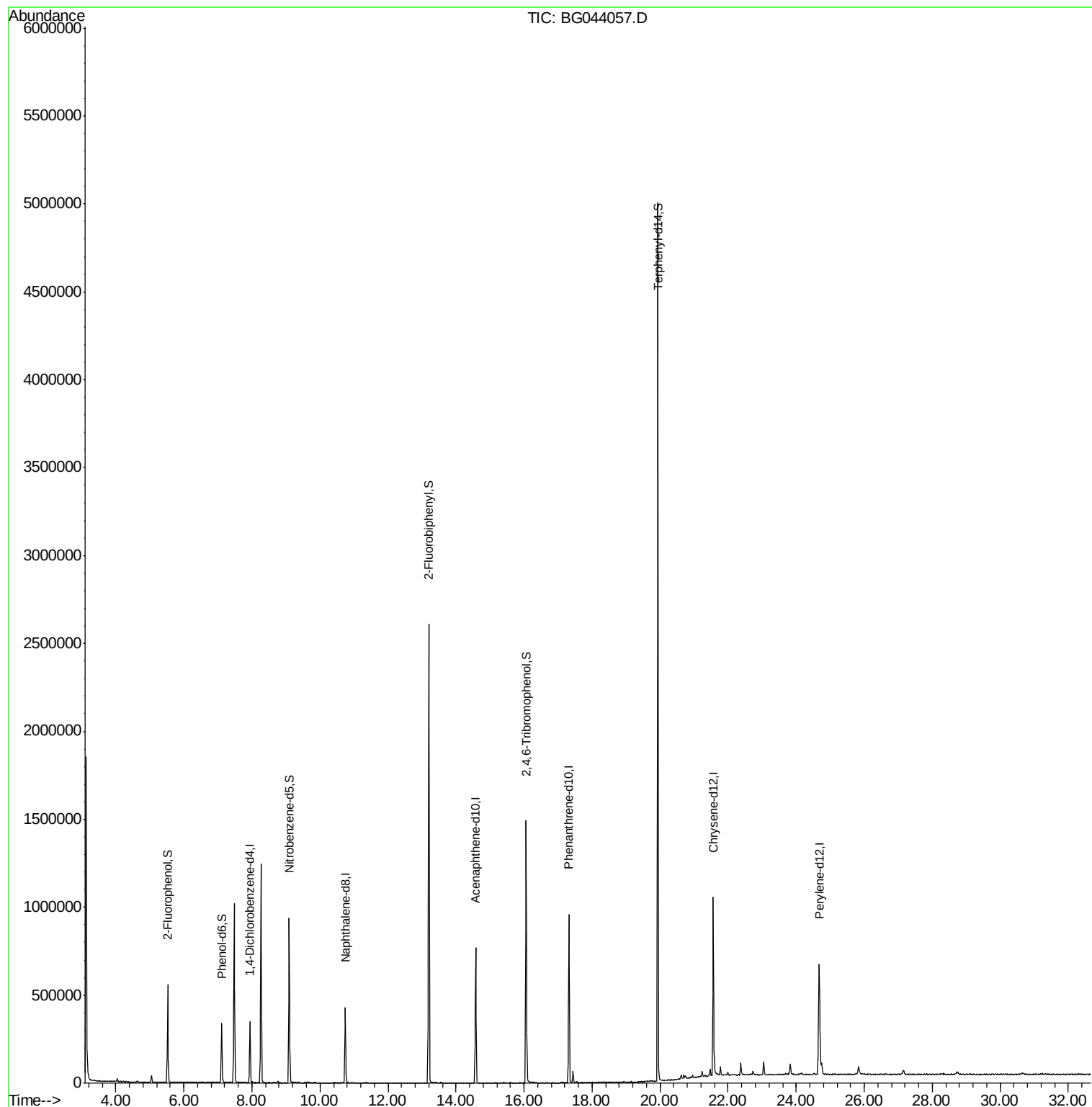
Target Compounds Qvalue

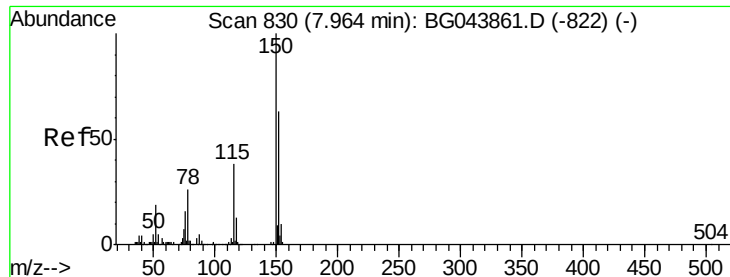
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011520\
Data File : BG044057.D
Acq On : 15 Jan 2020 19:49
Operator : JU
Sample : PB126104BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126104BL

Quant Time: Jan 16 08:32:33 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



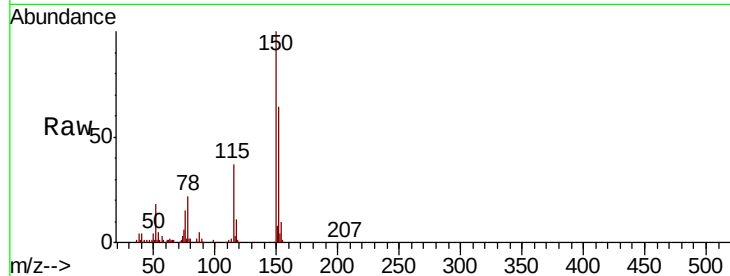


#1

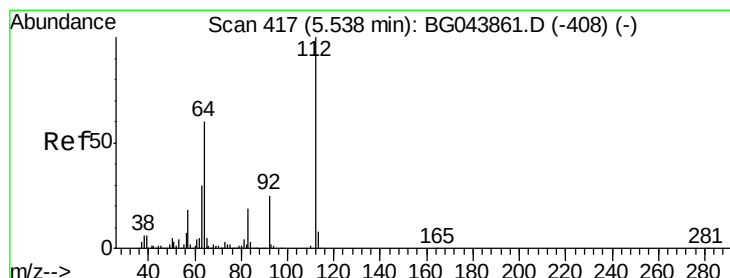
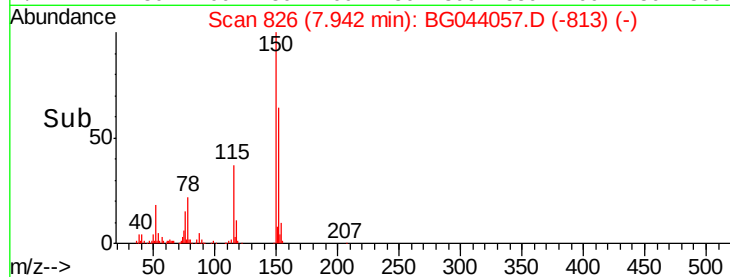
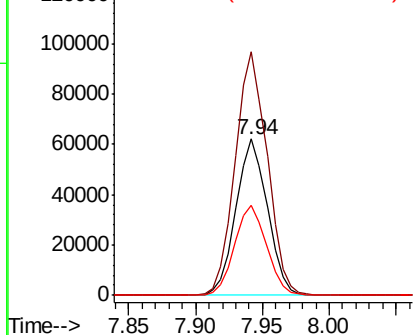
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG044057.D
Acq: 15 Jan 2020 19:49

Instrument :
BNA_G
ClientSampleId :
PB126104BL

Tot Ion:152 Resp: 101616
Ion Ratio Lower Upper
152 100
150 156.0 127.0 190.4
115 57.6 47.8 71.8



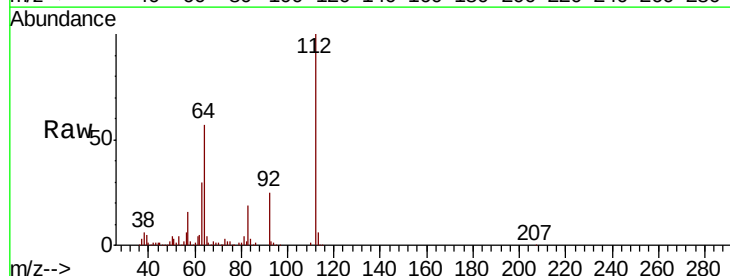
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



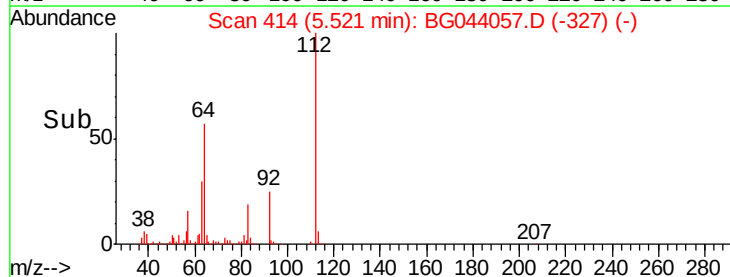
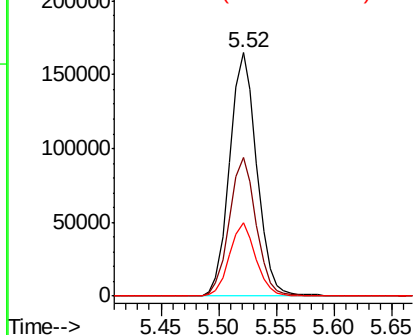
#5

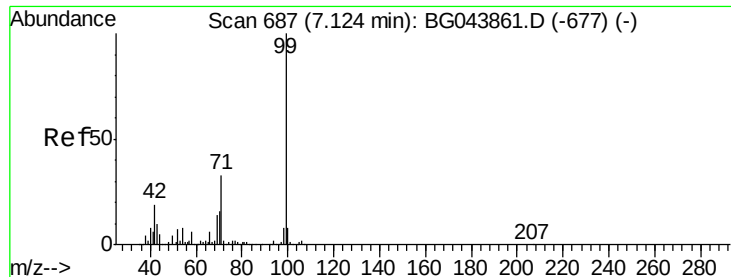
2-Fluorophenol
Concen: 48.618 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.02 min
Lab File: BG044057.D
Acq: 15 Jan 2020 19:49

Tgt Ion:112 Resp: 269066
Ion Ratio Lower Upper
112 100
64 57.2 47.8 71.6
63 30.1 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: 29.066 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

Lab File: BG044057.D

Acq: 15 Jan 2020 19:49

Instrument :

BNA_G

ClientSampleId :

PB126104BL

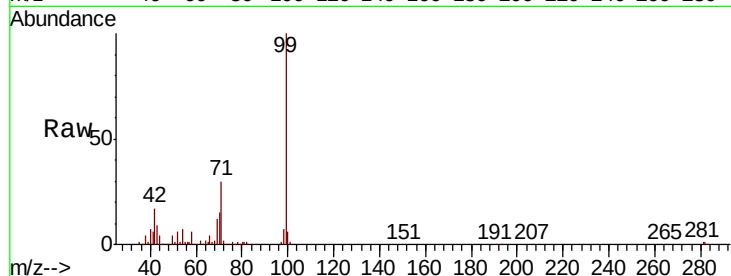
Tot Ion: 99 Resp: 224849

Ion Ratio Lower Upper

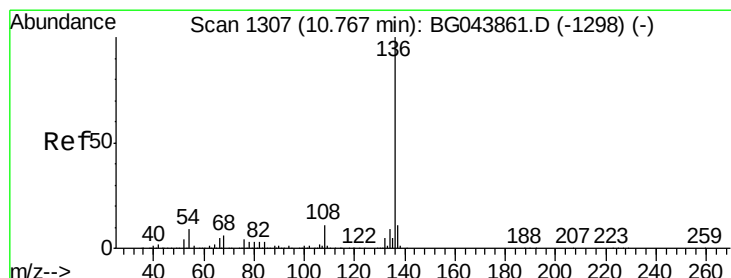
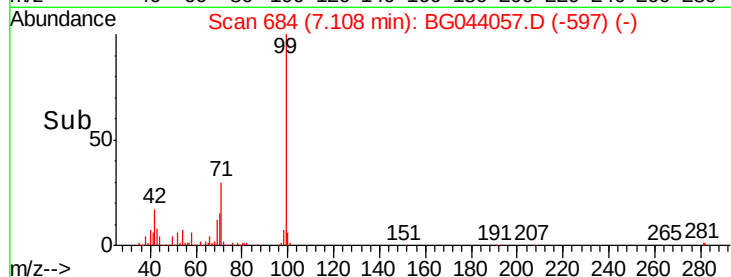
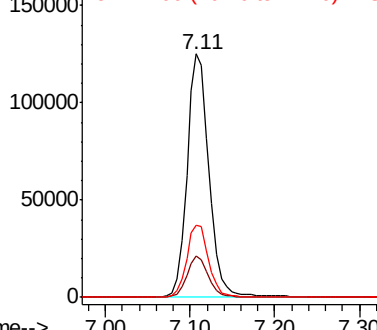
99 100

42 16.9 14.9 22.3

71 29.6 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: 10.74 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG044057.D

Acq: 15 Jan 2020 19:49

Tgt Ion: 136 Resp: 408693

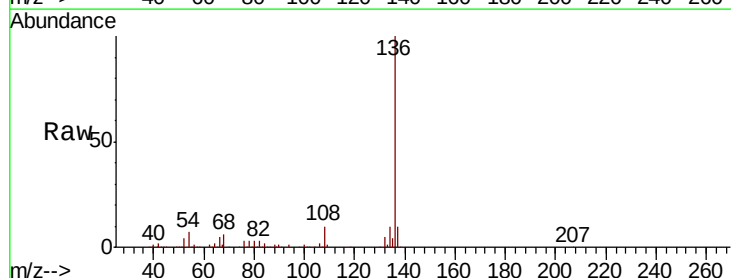
Ion Ratio Lower Upper

136 100

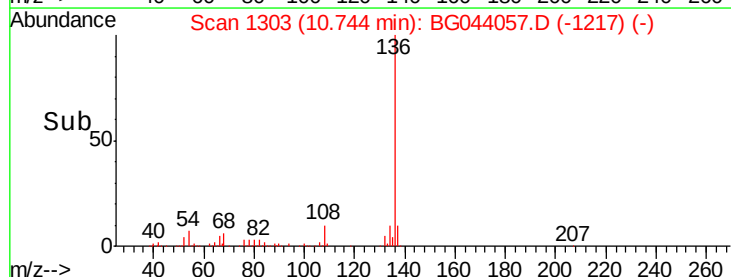
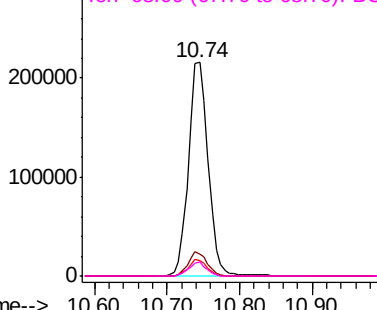
137 10.4 8.8 13.2

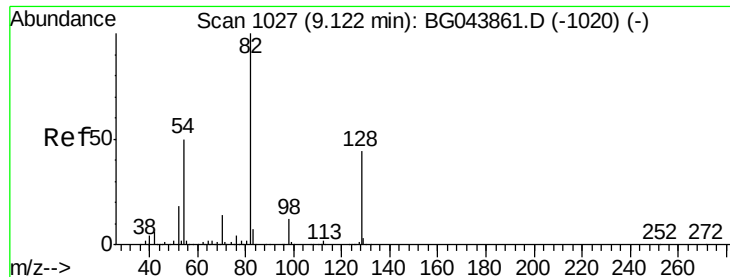
54 7.2 7.0 10.4

68 6.4 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

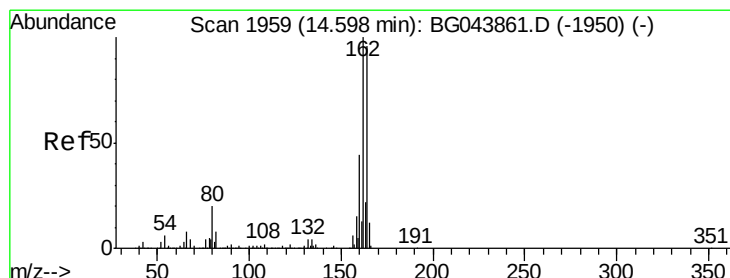
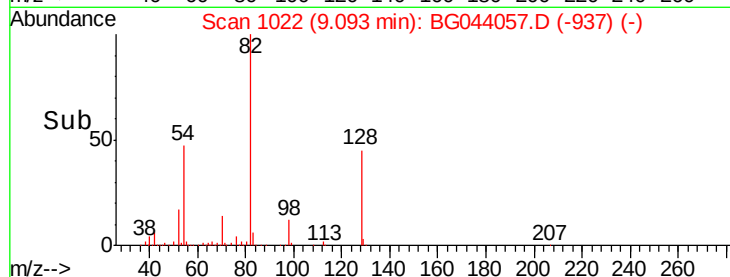
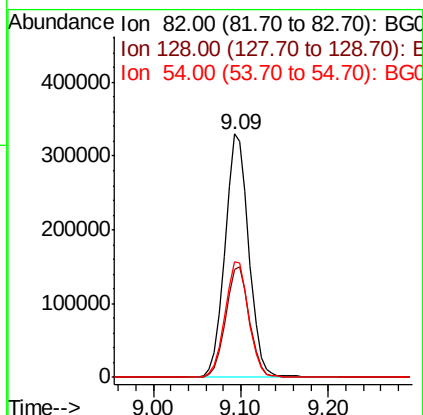
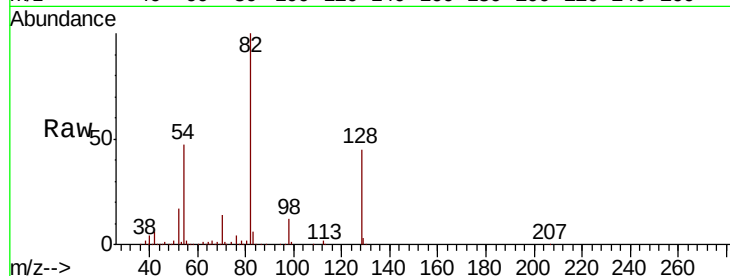




#23
 Nitrobenzene-d5
 Concen: 80.317 ng
 RT: 9.09 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BG044057.D
 Acq: 15 Jan 2020 19:49

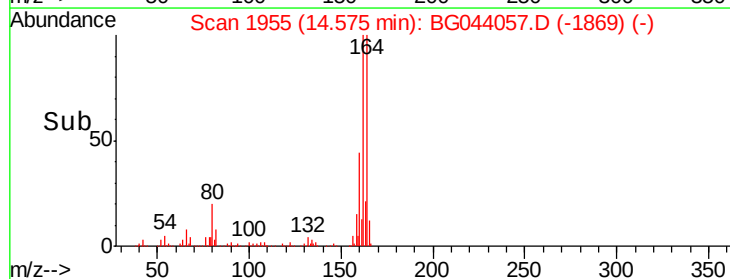
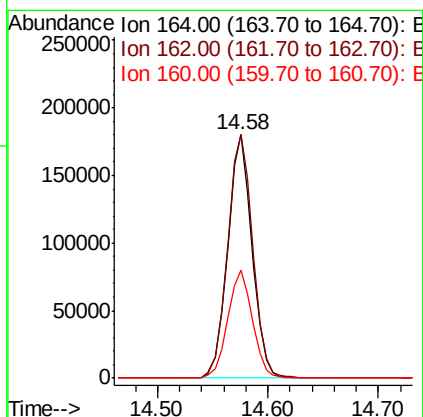
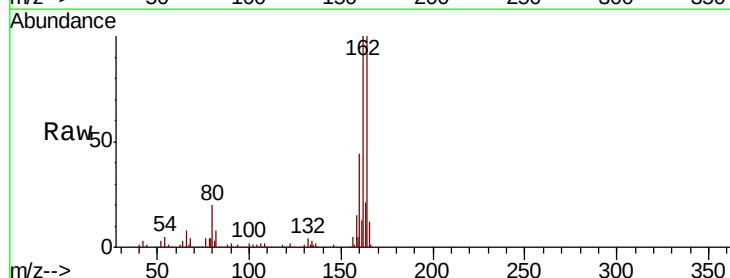
Instrument :
 BNA_G
 ClientSampleId :
 PB126104BL

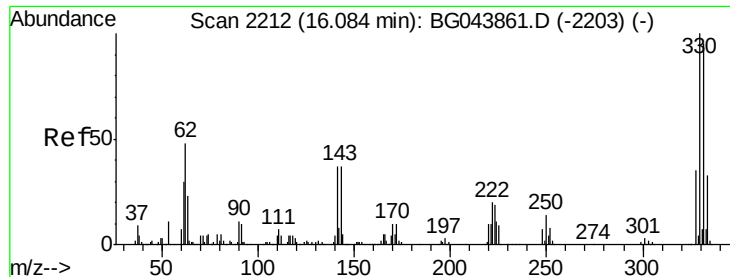
Tot Ion	82	Resp	613598
Ion Ratio	Lower	Upper	
82	100		
128	44.5	35.1	52.7
54	47.5	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.58 min Scan# 1955
 Delta R.T. -0.02 min
 Lab File: BG044057.D
 Acq: 15 Jan 2020 19:49

Tgt Ion	164	Resp	276885
Ion Ratio	Lower	Upper	
164	100		
162	100.0	83.0	124.4
160	44.3	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 99.636 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG044057.D

Acq: 15 Jan 2020 19:49

Instrument :

BNA_G

ClientSampleId :

PB126104BL

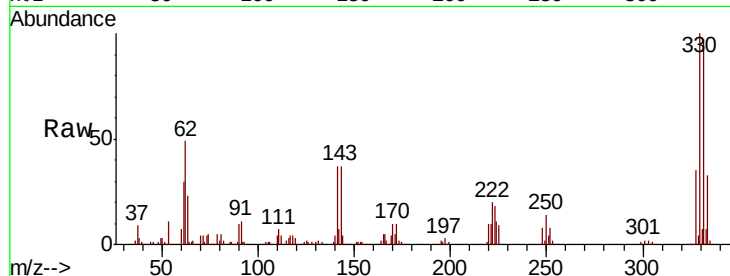
Tot Ion:330 Resp: 288701

Ion Ratio Lower Upper

330 100

332 96.7 77.2 115.8

141 38.0 33.1 49.7

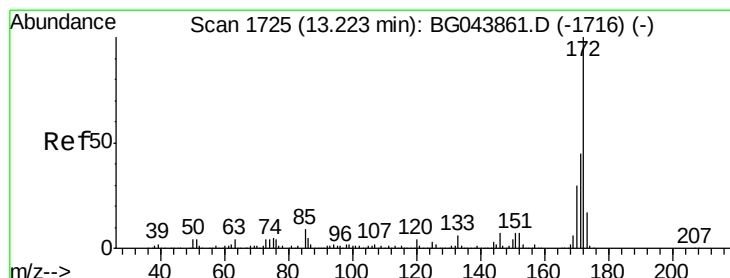
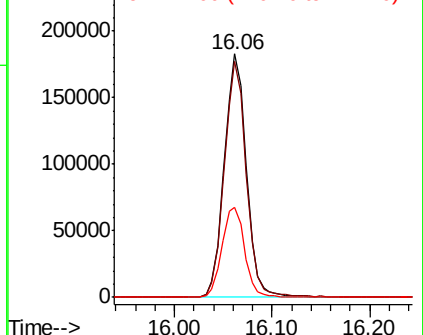
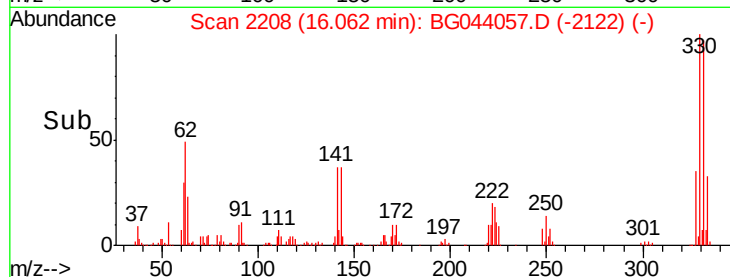


Abundance

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: 89.409 ng

RT: 13.20 min Scan# 1721

Delta R.T. -0.02 min

Lab File: BG044057.D

Acq: 15 Jan 2020 19:49

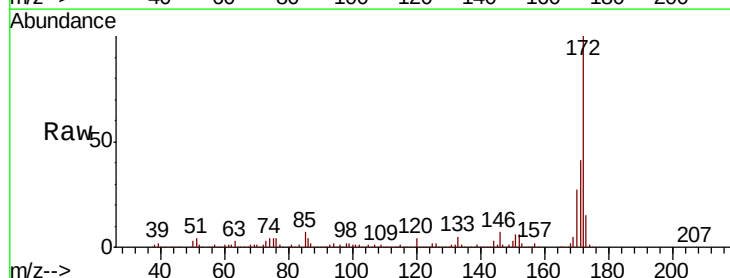
Tgt Ion:172 Resp: 1366401

Ion Ratio Lower Upper

172 100

171 41.0 35.8 53.8

170 27.4 24.2 36.4

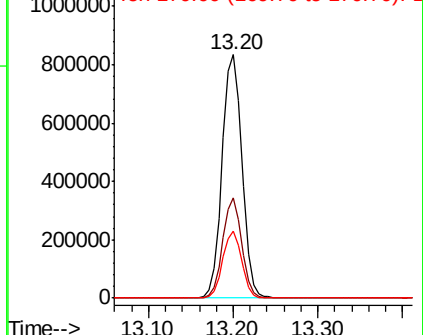
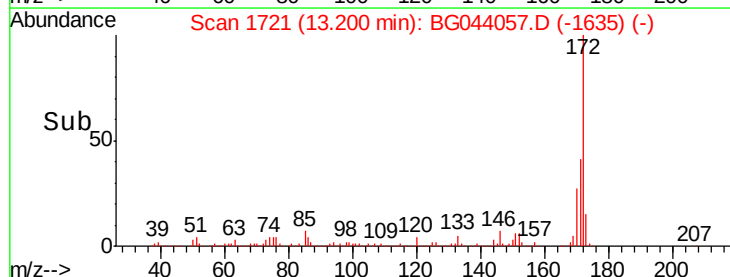


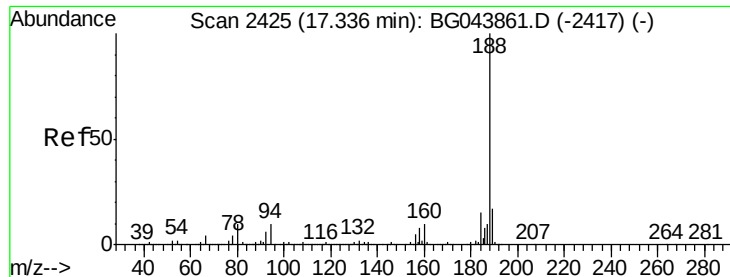
Abundance

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

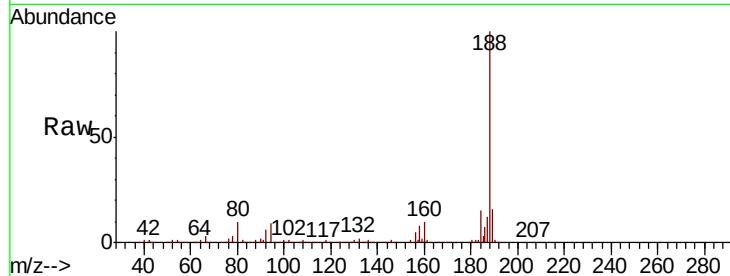




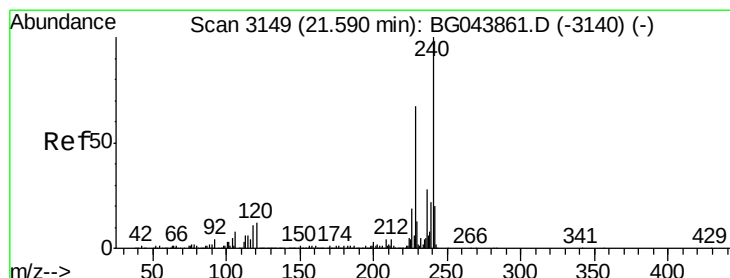
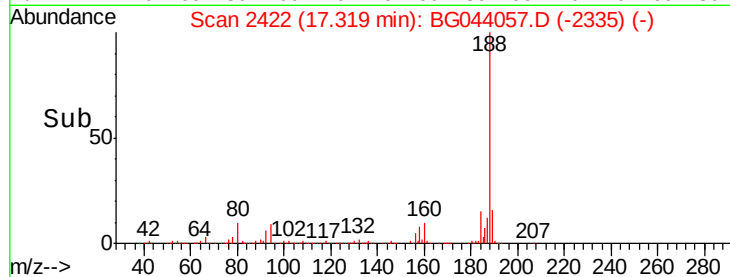
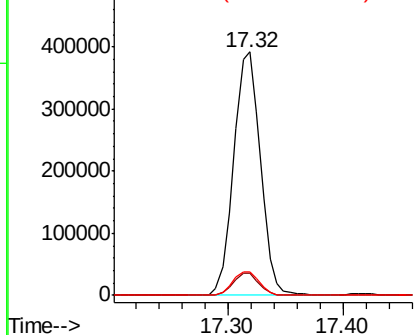
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BG044057.D
Acq: 15 Jan 2020 19:49

Instrument :
BNA_G
ClientSampleId :
PB126104BL

Tot Ion:188 Resp: 628132
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 9.6 8.2 12.4

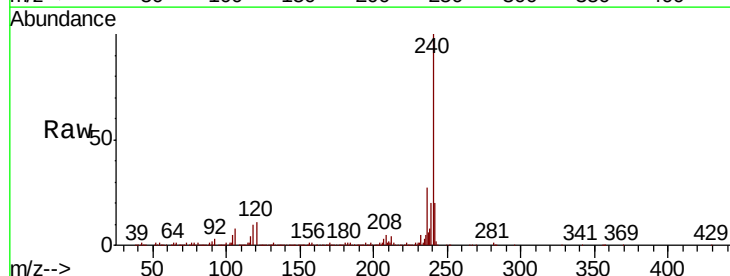


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

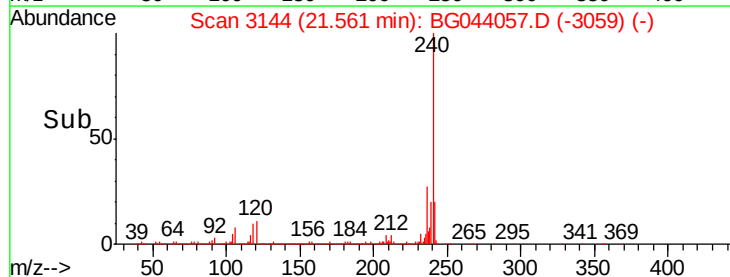
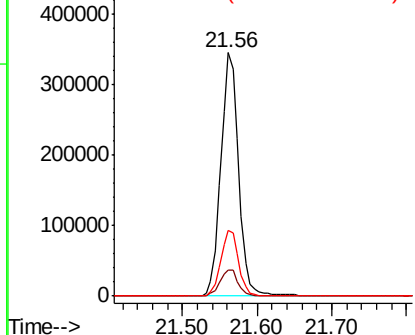


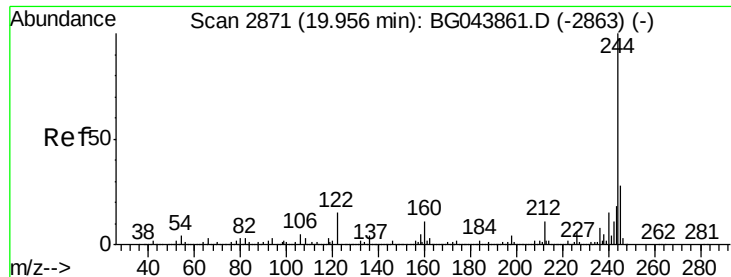
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.03 min
Lab File: BG044057.D
Acq: 15 Jan 2020 19:49

Tgt Ion:240 Resp: 571831
Ion Ratio Lower Upper
240 100
120 10.7 9.6 14.4
236 27.2 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: 92.278 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.02 min

Lab File: BG044057.D

Acq: 15 Jan 2020 19:49

Instrument :

BNA_G

ClientSampleId :

PB126104BL

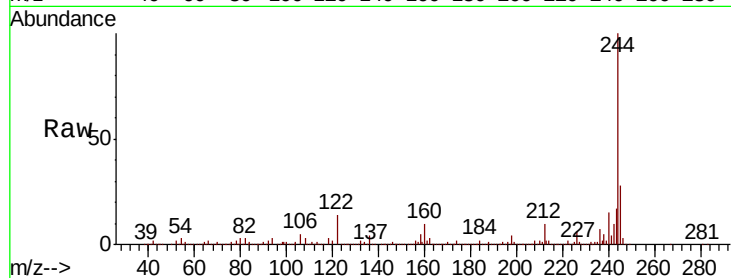
Tot Ion:244 Resp: 2140453

Ion Ratio Lower Upper

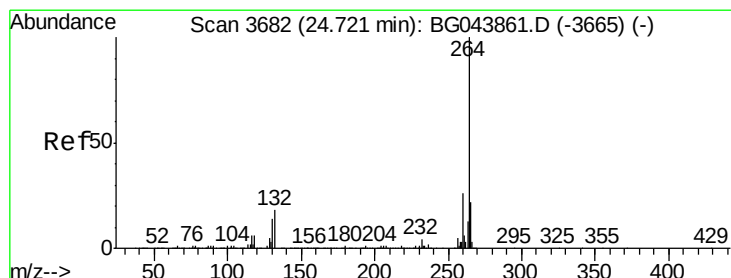
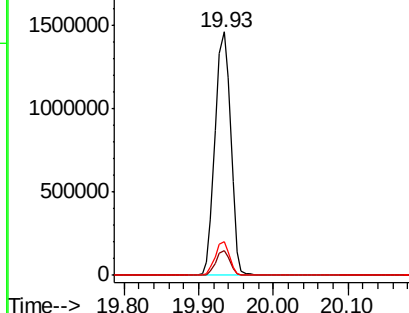
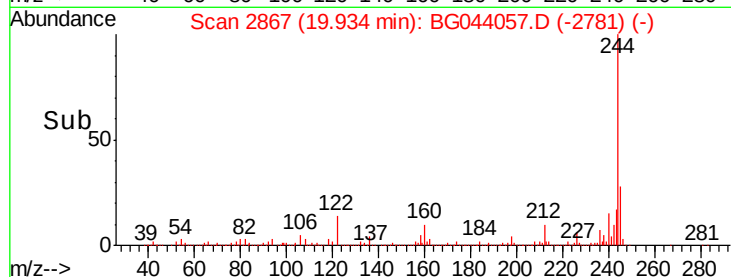
244 100

212 10.3 8.6 13.0

122 13.9 11.9 17.9



Abundance Ion 244.00 (243.70 to 244.70): E
2000000 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: 24.68 min Scan# 3674

Delta R.T. -0.05 min

Lab File: BG044057.D

Acq: 15 Jan 2020 19:49

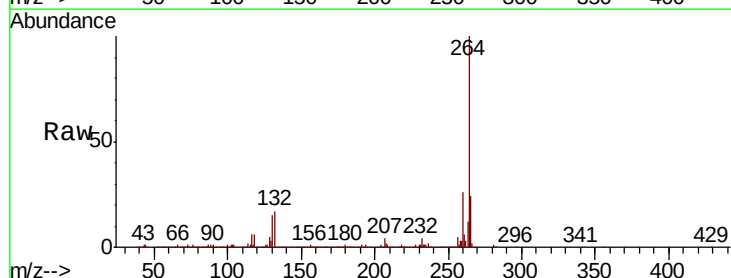
Tgt Ion:264 Resp: 633576

Ion Ratio Lower Upper

264 100

260 25.8 20.4 30.6

265 23.5 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
300000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

