

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\
 Data File : BG044081.D
 Acq On : 17 Jan 2020 19:18
 Operator : JU
 Sample : PB126154BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126154BL

Quant Time: Jan 18 03:39:40 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	69490	20.00	ng	-0.04
21) Naphthalene-d8	10.74	136	299391	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	218281	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	476790	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	401841	20.00	ng	-0.03
87) Perylene-d12	24.67	264	444604	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	353562	93.42	ng	-0.03
7) Phenol-d6	7.10	99	304630	57.58	ng	-0.02
23) Nitrobenzene-d5	9.09	82	541919	96.83	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	406457	177.94	ng	-0.02
45) 2-Fluorobiphenyl	13.19	172	1250333	103.78	ng	-0.03
79) Terphenyl-d14	19.93	244	1899741	129.68	ng	-0.03

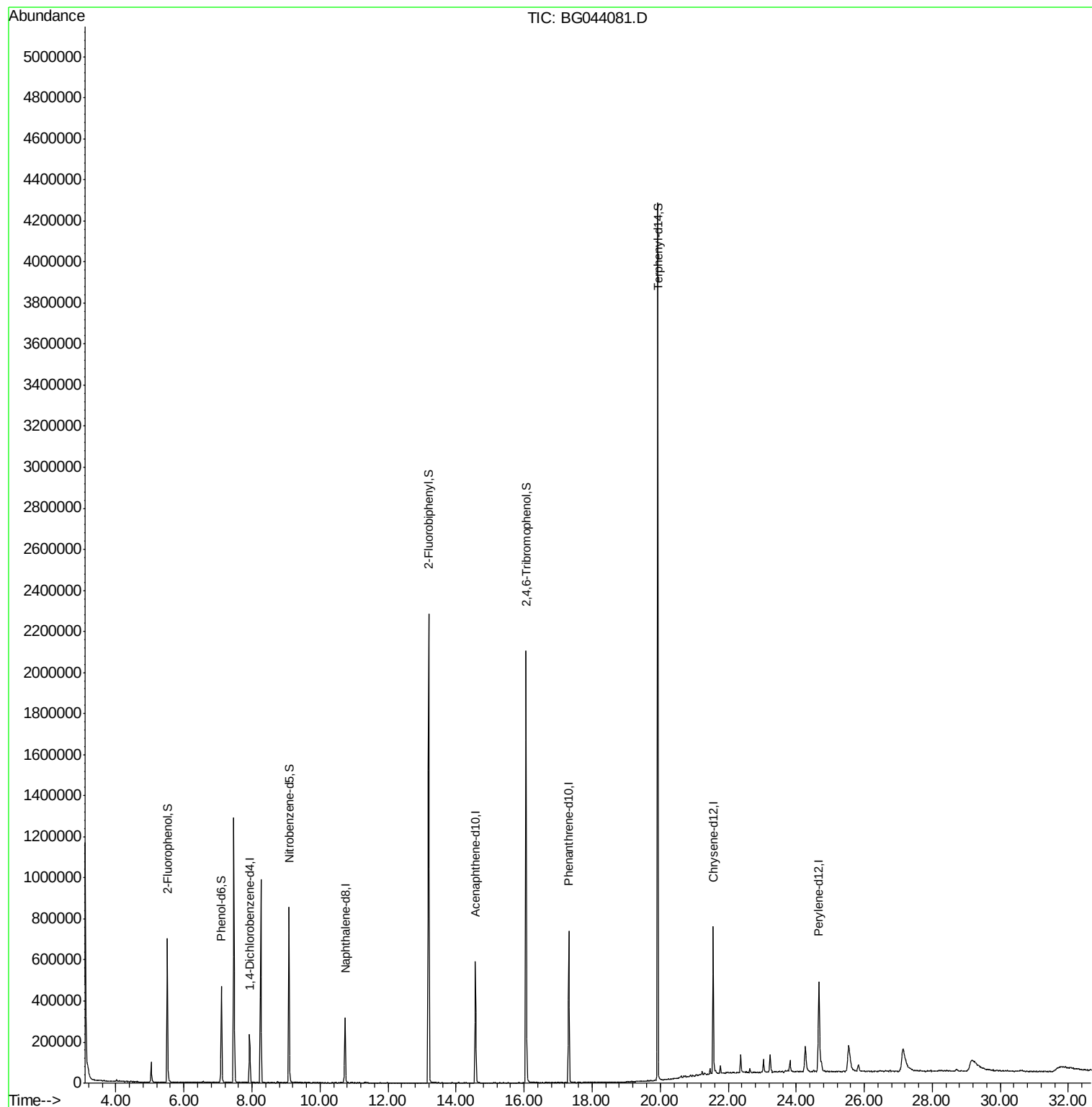
Target Compounds Qvalue

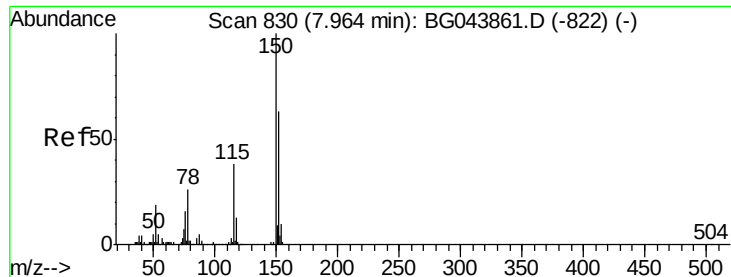
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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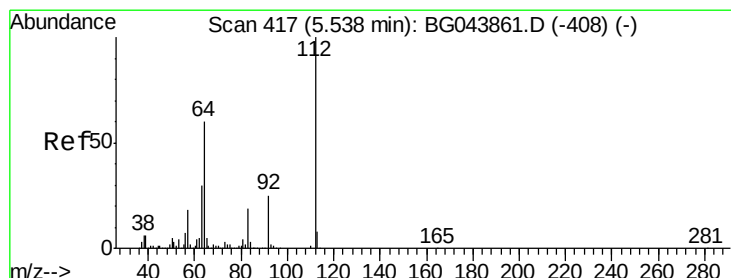
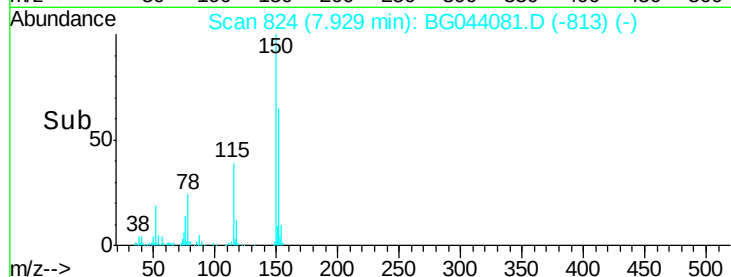
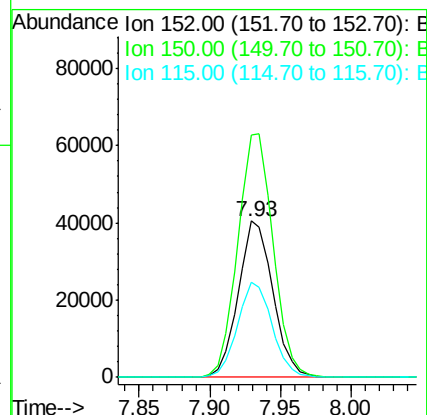
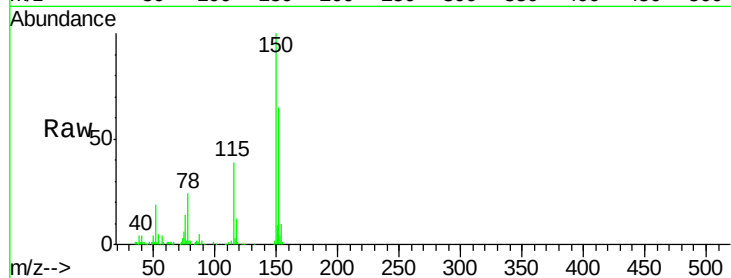


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044081.D
Acq: 17 Jan 2020 19:18

Instrument :
BNA_G
ClientSampleId :
PB126154BL

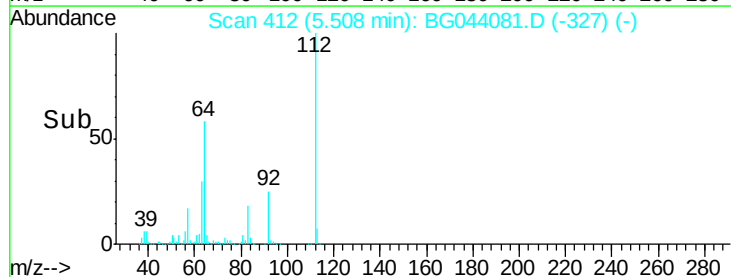
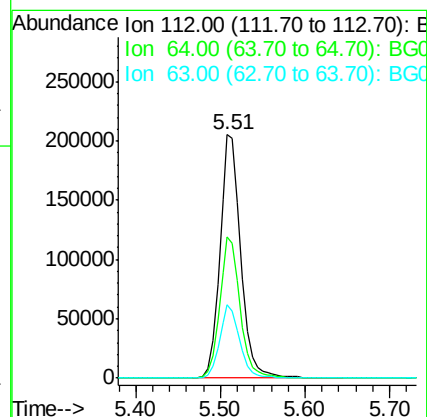
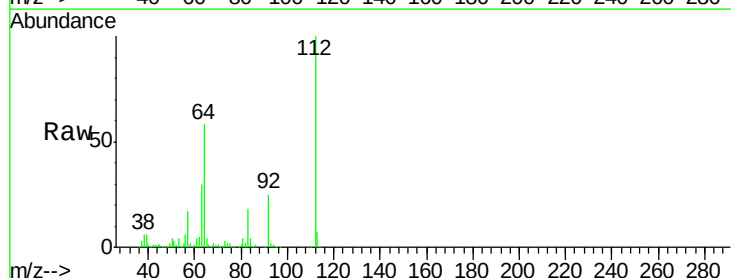
Tot Ion:152 Resp: 69490
Ion Ratio Lower Upper
152 100
150 154.8 127.0 190.4
115 61.1 47.8 71.8

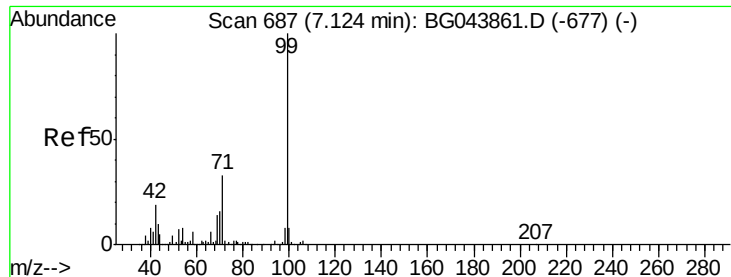


#5

2-Fluorophenol
Concen: 93.421 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044081.D
Acq: 17 Jan 2020 19:18

Tgt Ion:112 Resp: 353562
Ion Ratio Lower Upper
112 100
64 57.9 47.8 71.6
63 30.0 24.3 36.5





#7

Phenol-d6

Concen: 57.584 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044081.D

Acq: 17 Jan 2020 19:18

Instrument :

BNA_G

ClientSampleId :

PB126154BL

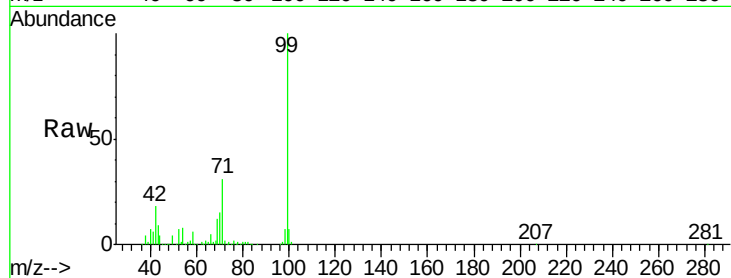
Tot Ion: 99 Resp: 304630

Ion Ratio Lower Upper

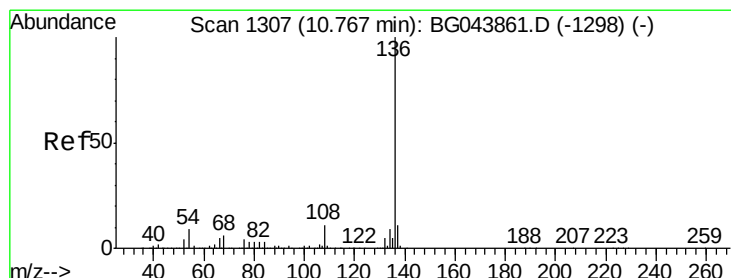
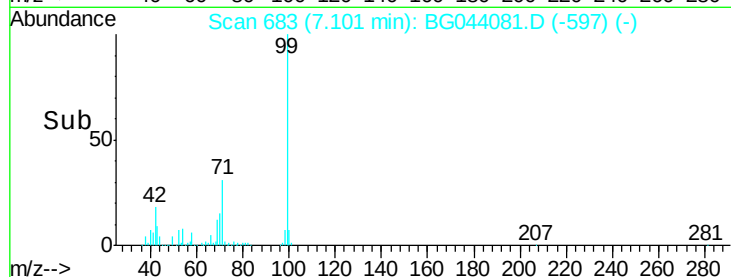
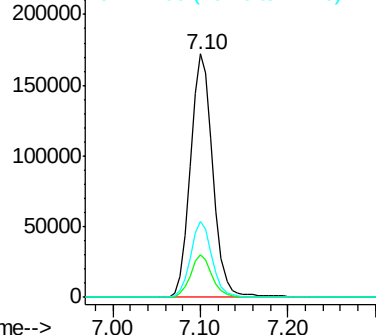
99 100

42 17.5 14.9 22.3

71 31.1 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# 1302

Delta R.T. -0.03 min

Lab File: BG044081.D

Acq: 17 Jan 2020 19:18

Tgt Ion: 136 Resp: 299391

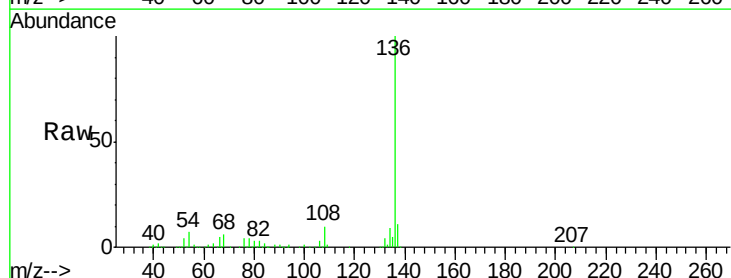
Ion Ratio Lower Upper

136 100

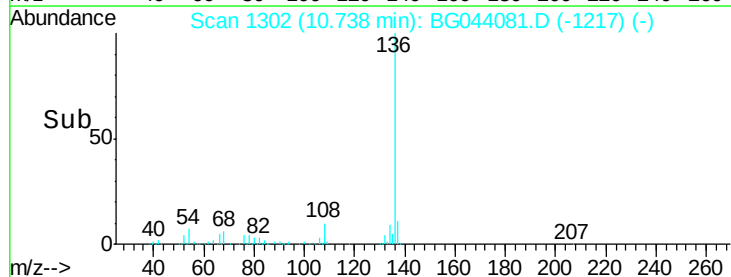
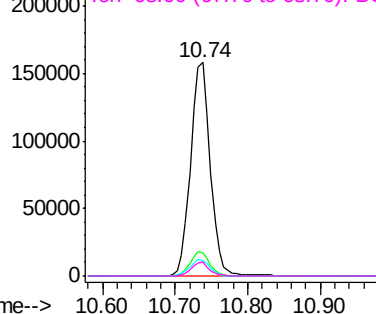
137 10.8 8.8 13.2

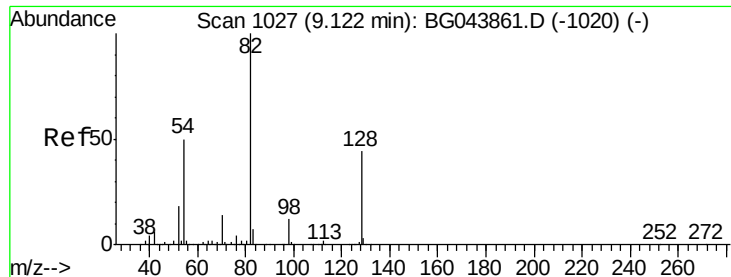
54 7.4 7.0 10.4

68 6.3 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

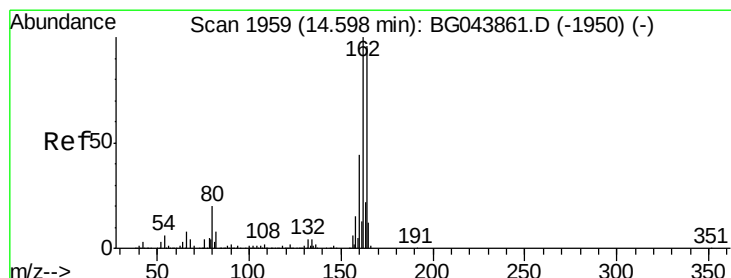
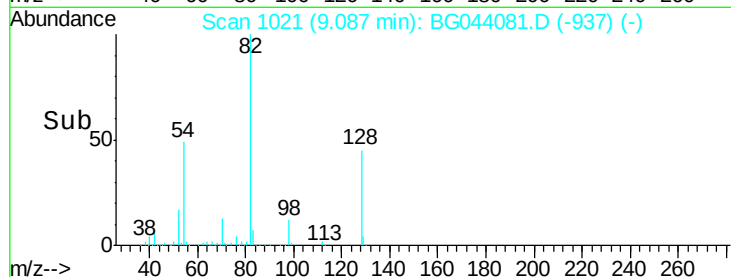
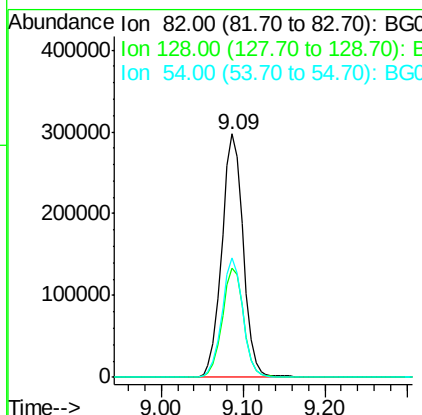
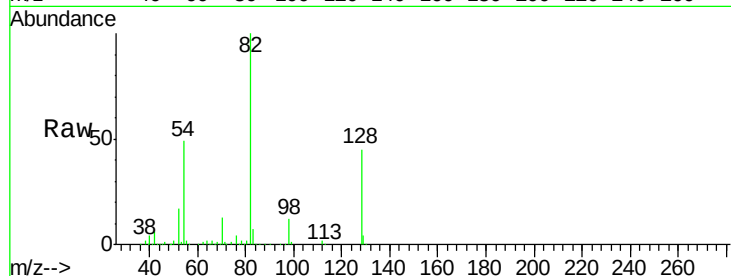




#23
 Nitrobenzene-d5
 Concen: 96.831 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.04 min
 Lab File: BG044081.D
 Acq: 17 Jan 2020 19:18

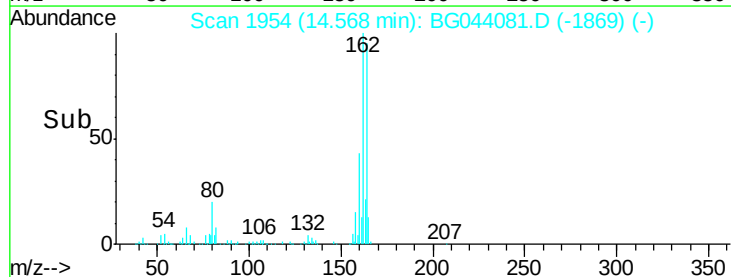
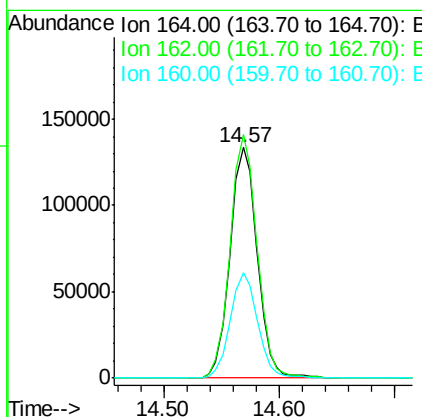
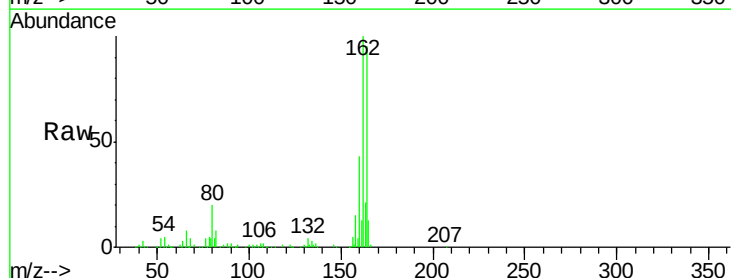
Instrument :
 BNA_G
 ClientSampleId :
 PB126154BL

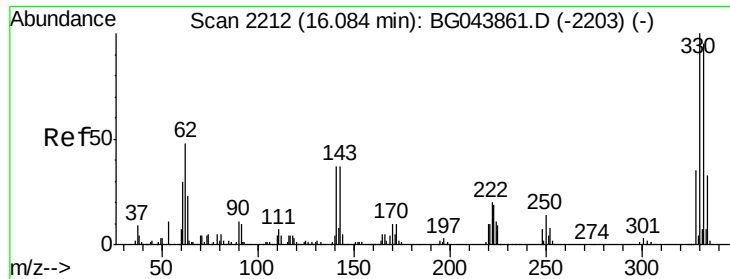
Tot Ion	82	Resp	541919
Ion Ratio	Lower	Upper	
82	100		
128	44.8	35.1	52.7
54	48.9	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.03 min
 Lab File: BG044081.D
 Acq: 17 Jan 2020 19:18

Tgt Ion	164	Resp	218281
Ion Ratio	Lower	Upper	
164	100		
162	105.7	83.0	124.4
160	45.6	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 177.938 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG044081.D

Acq: 17 Jan 2020 19:18

Instrument :

BNA_G

ClientSampleId :

PB126154BL

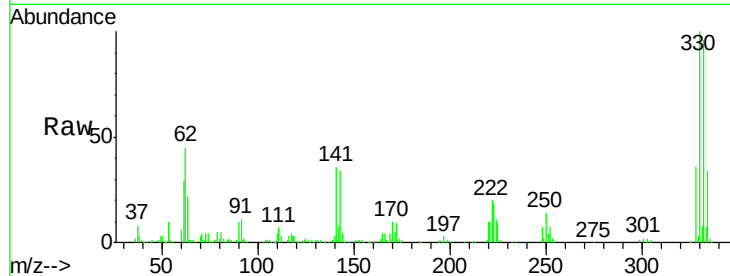
Tot Ion:330 Resp: 406457

Ion Ratio Lower Upper

330 100

332 95.5 77.2 115.8

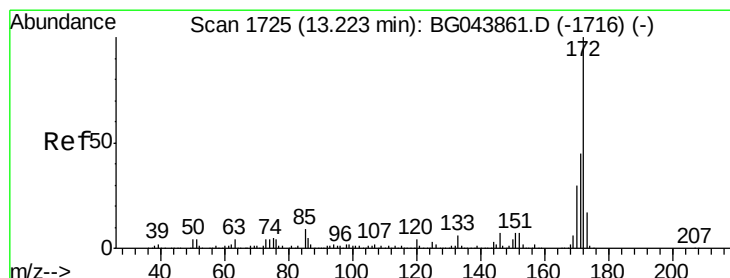
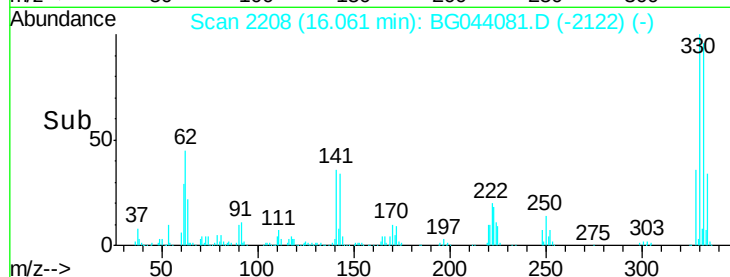
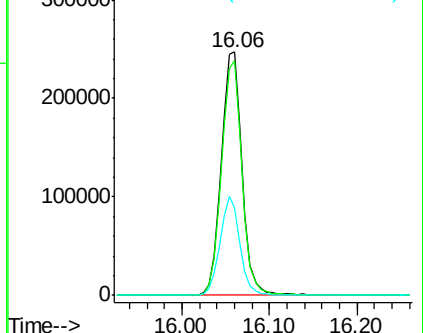
141 38.8 33.1 49.7



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: 103.780 ng

RT: 13.19 min Scan# 1720

Delta R.T. -0.03 min

Lab File: BG044081.D

Acq: 17 Jan 2020 19:18

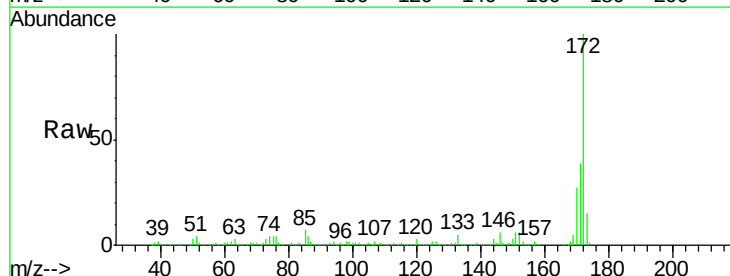
Tgt Ion:172 Resp: 1250333

Ion Ratio Lower Upper

172 100

171 39.4 35.8 53.8

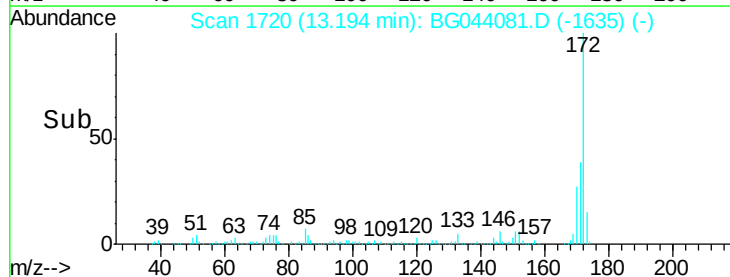
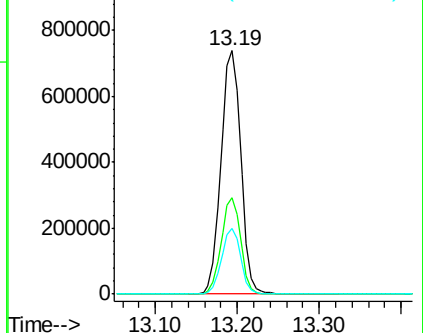
170 26.8 24.2 36.4

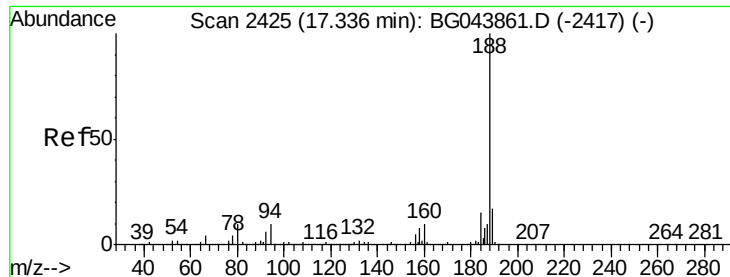


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG044081.D

Acq: 17 Jan 2020 19:18

Instrument :

BNA_G

ClientSampleId :

PB126154BL

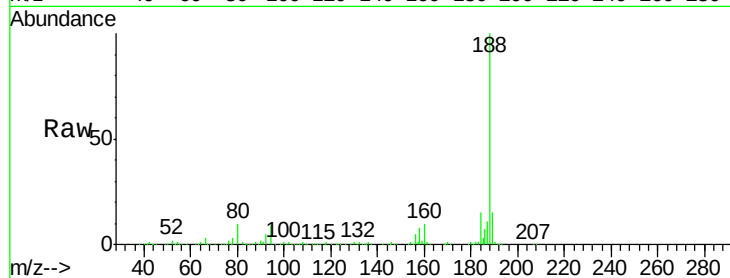
Tot Ion:188 Resp: 476790

Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

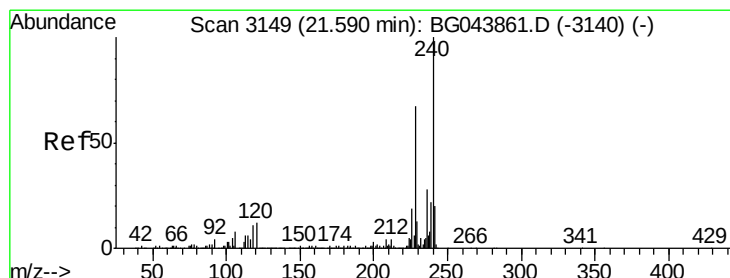
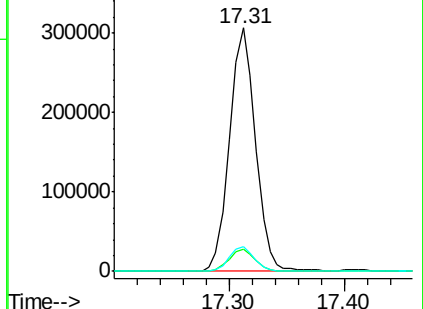
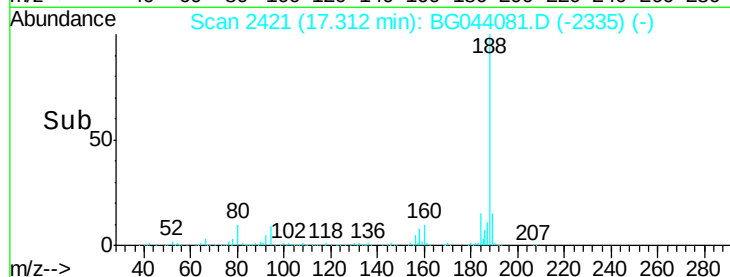
80 10.3 8.2 12.4



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: 21.56 min Scan# 3144

Delta R.T. -0.03 min

Lab File: BG044081.D

Acq: 17 Jan 2020 19:18

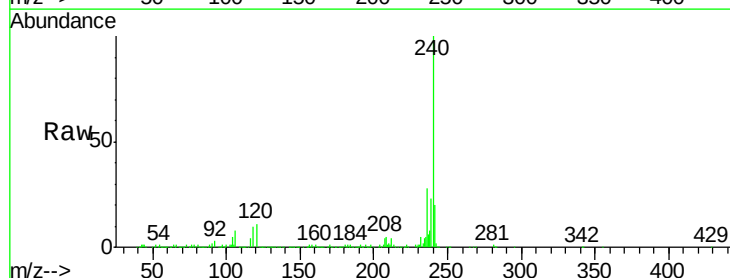
Tgt Ion:240 Resp: 401841

Ion Ratio Lower Upper

240 100

120 10.7 9.6 14.4

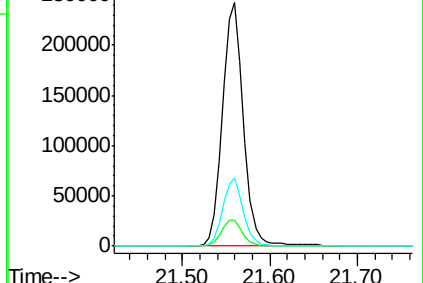
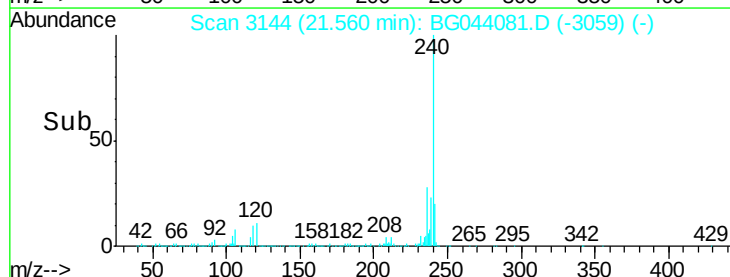
236 28.3 22.2 33.2

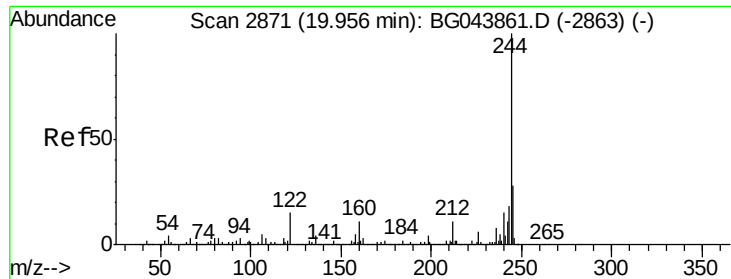


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 129.681 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044081.D

Acq: 17 Jan 2020 19:18

Instrument :

BNA_G

ClientSampleId :

PB126154BL

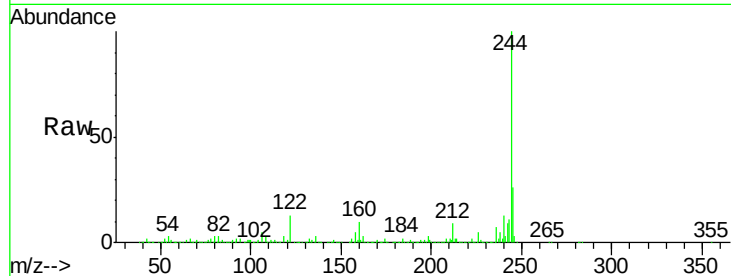
Tot Ion:244 Resp: 1899741

Ion Ratio Lower Upper

244 100

212 9.4 8.6 13.0

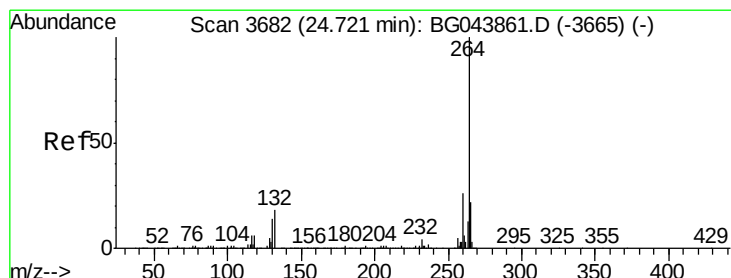
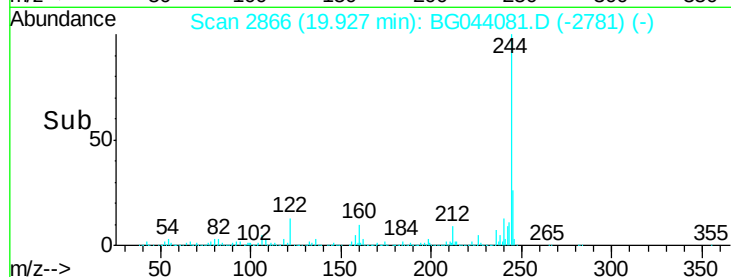
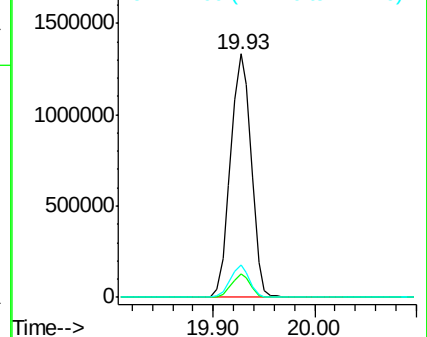
122 13.3 11.9 17.9



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: BG044081.D

Acq: 17 Jan 2020 19:18

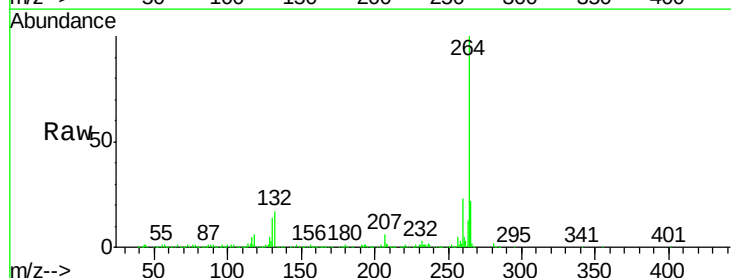
Tgt Ion:264 Resp: 444604

Ion Ratio Lower Upper

264 100

260 23.2 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

