

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044094.D
 Acq On : 20 Jan 2020 12:26
 Operator : JU
 Sample : PB126101BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126101BL

Quant Time: Jan 21 06:15:37 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	90814	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	406997	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	280257	20.00	ng	-0.03
64) Phenanthrene-d10	17.32	188	555955	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	473137	20.00	ng	-0.03
87) Perylene-d12	24.67	264	534143	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	583972	118.07	ng	-0.03
7) Phenol-d6	7.10	99	860481	124.46	ng	-0.02
23) Nitrobenzene-d5	9.09	82	481993	63.35	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	328912	112.15	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1219117	78.81	ng	-0.03
79) Terphenyl-d14	19.93	244	1735086	89.71	ng	-0.03

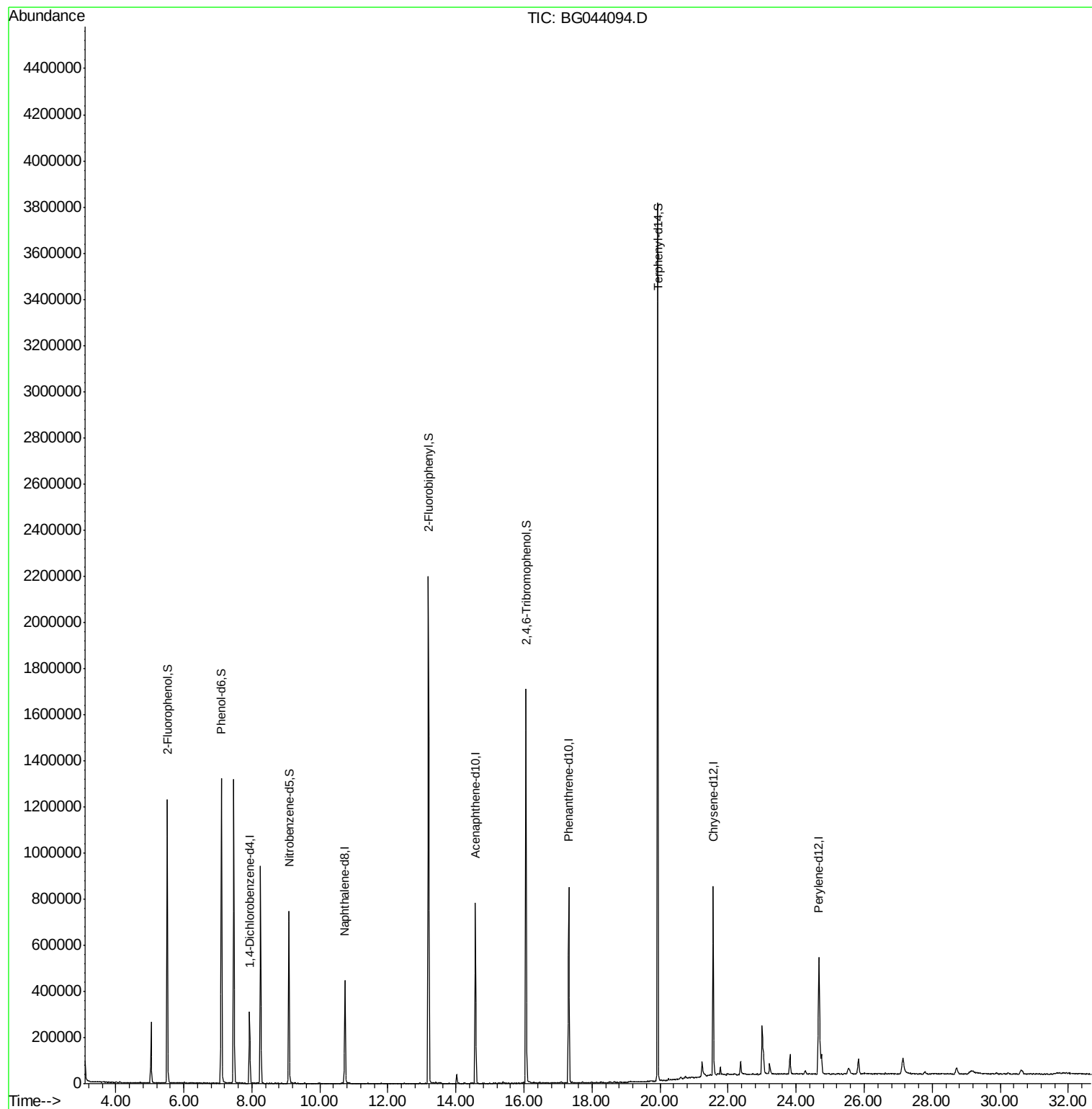
Target Compounds Qvalue

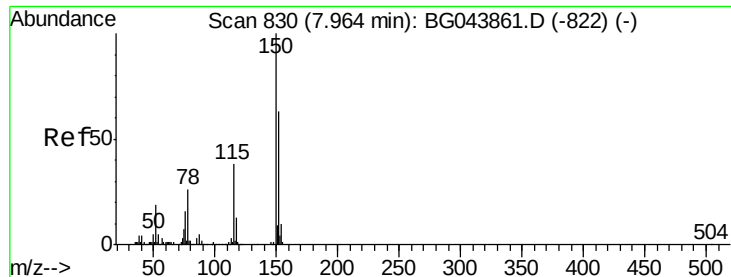
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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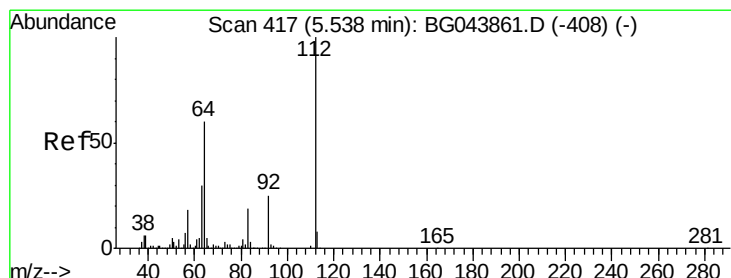
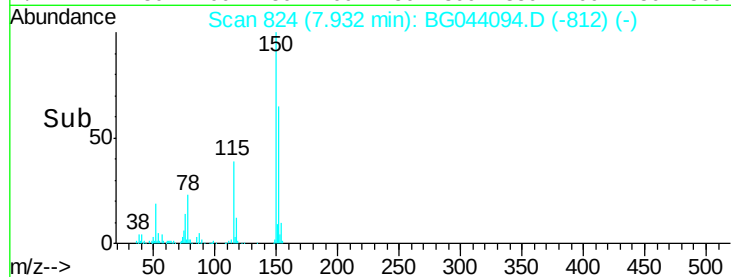
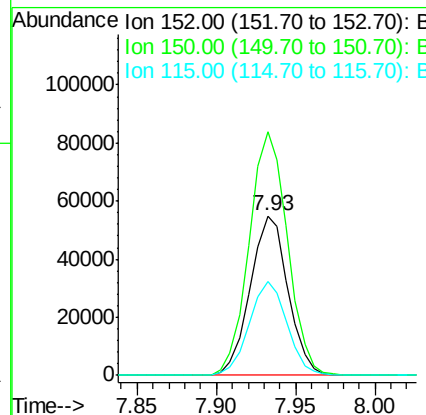
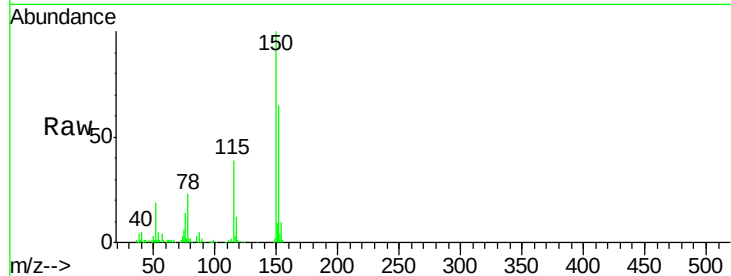


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044094.D
Acq: 20 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :
PB126101BL

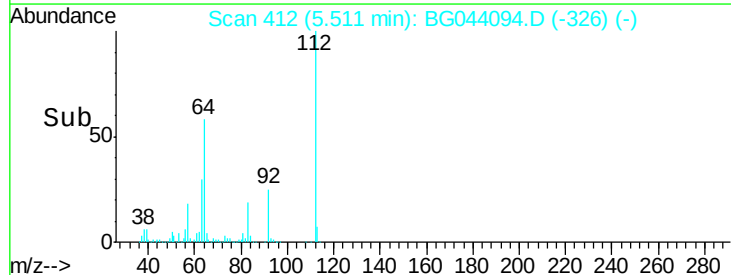
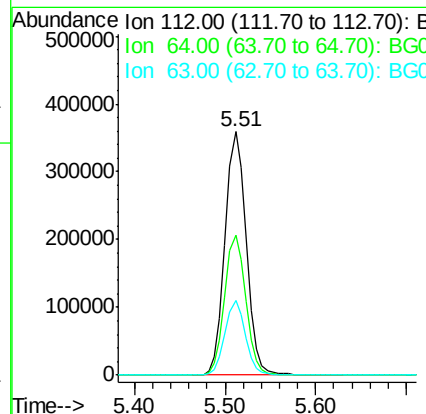
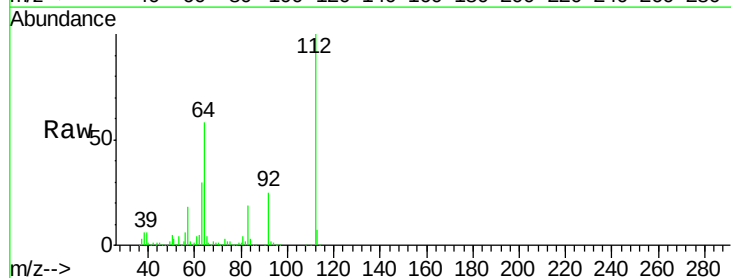
Tot Ion:152 Resp: 90814
Ion Ratio Lower Upper
152 100
150 152.7 127.0 190.4
115 59.2 47.8 71.8

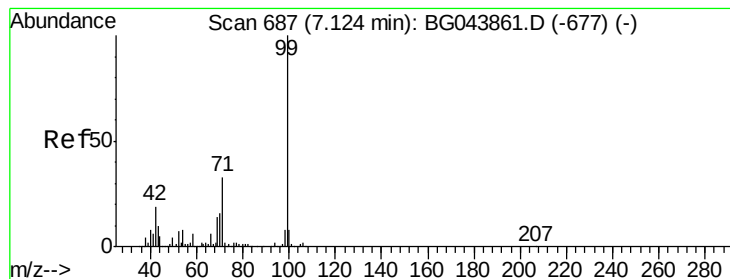


#5

2-Fluorophenol
Concen: 118.070 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044094.D
Acq: 20 Jan 2020 12:26

Tgt Ion:112 Resp: 583972
Ion Ratio Lower Upper
112 100
64 57.5 47.8 71.6
63 30.5 24.3 36.5





#7

Phenol-d6

Concen: 124.463 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044094.D

Acq: 20 Jan 2020 12:26

Instrument :

BNA_G

ClientSampleId :

PB126101BL

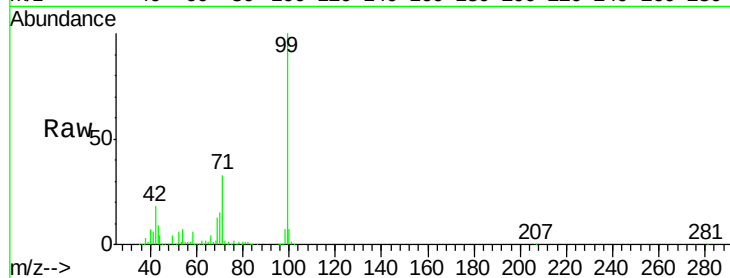
Tot Ion: 99 Resp: 860481

Ion Ratio Lower Upper

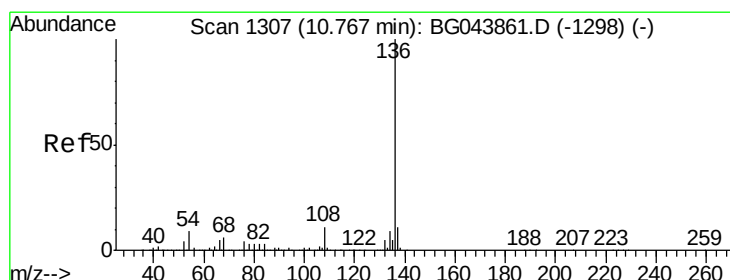
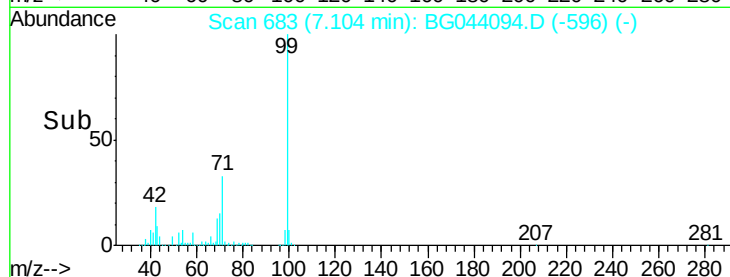
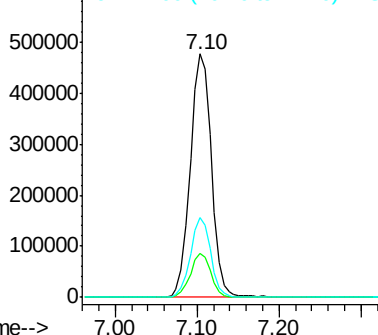
99 100

42 17.9 14.9 22.3

71 32.5 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: BG044094.D

Acq: 20 Jan 2020 12:26

Tgt Ion: 136 Resp: 406997

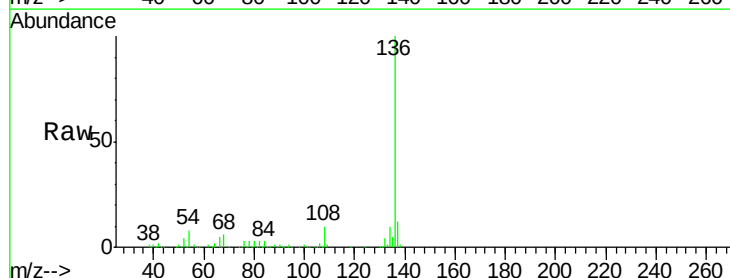
Ion Ratio Lower Upper

136 100

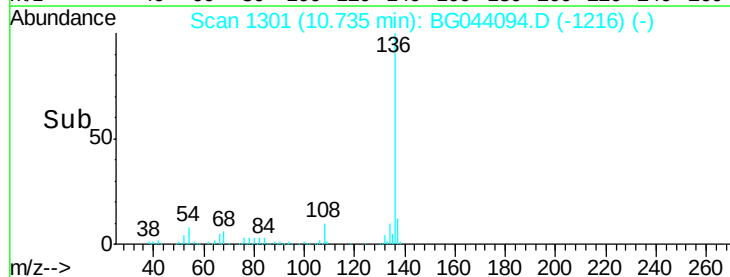
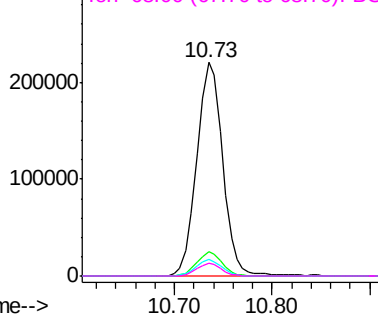
137 11.5 8.8 13.2

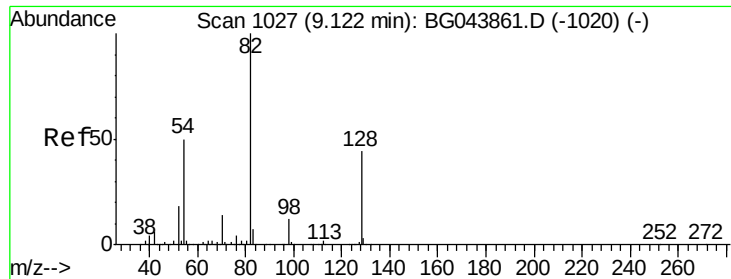
54 7.6 7.0 10.4

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

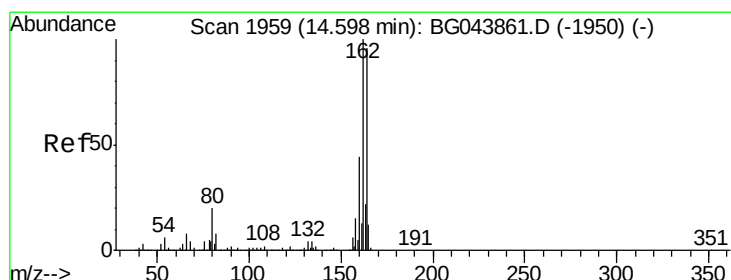
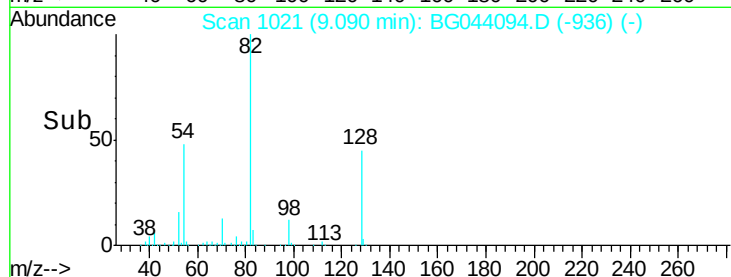
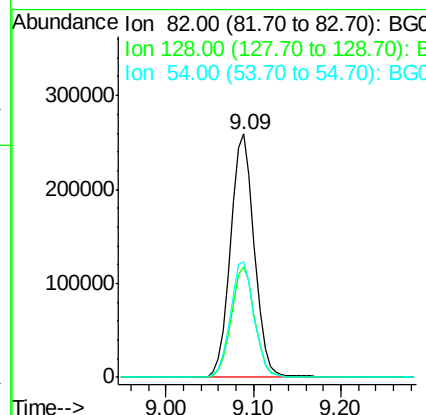
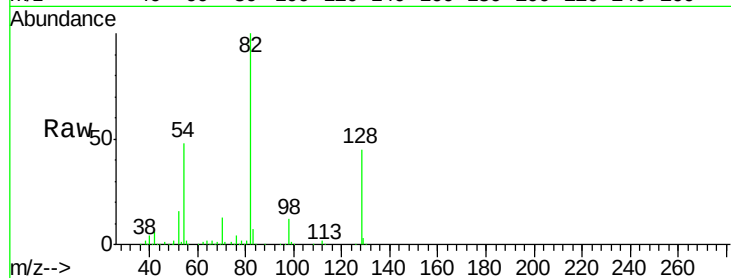




#23
 Nitrobenzene-d5
 Concen: 63.353 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.03 min
 Lab File: BG044094.D
 Acq: 20 Jan 2020 12:26

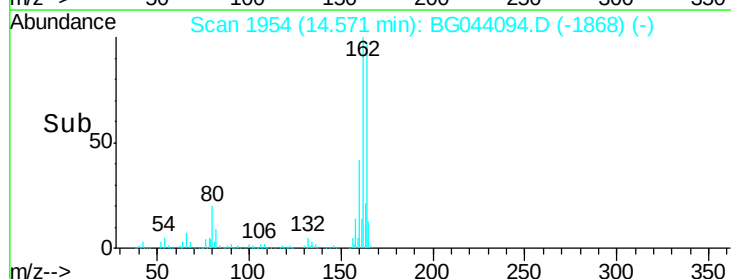
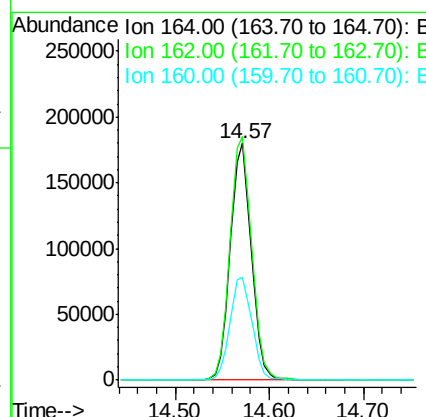
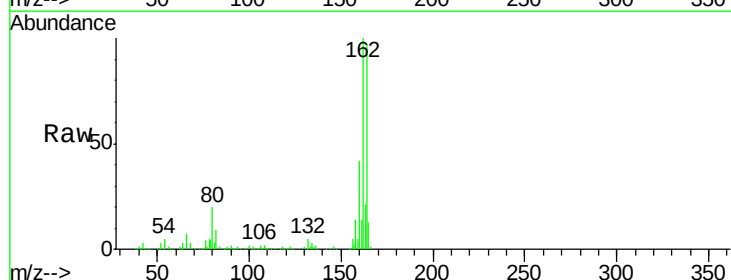
Instrument :
 BNA_G
 ClientSampleId :
 PB126101BL

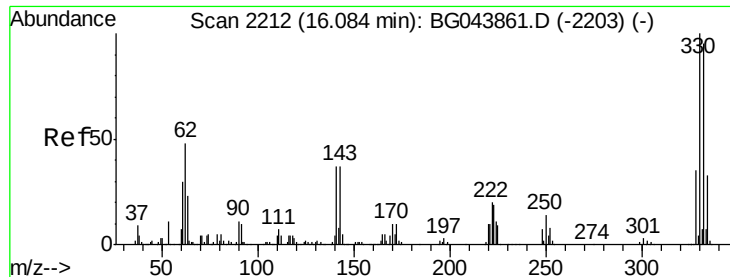
Tot Ion	82	Resp	481993
Ion Ratio	Lower	Upper	
82	100		
128	45.4	35.1	52.7
54	47.6	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.03 min
 Lab File: BG044094.D
 Acq: 20 Jan 2020 12:26

Tgt Ion	164	Resp	280257
Ion Ratio	Lower	Upper	
164	100		
162	102.8	83.0	124.4
160	43.5	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 112.148 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044094.D

Acq: 20 Jan 2020 12:26

Instrument :

BNA_G

ClientSampleId :

PB126101BL

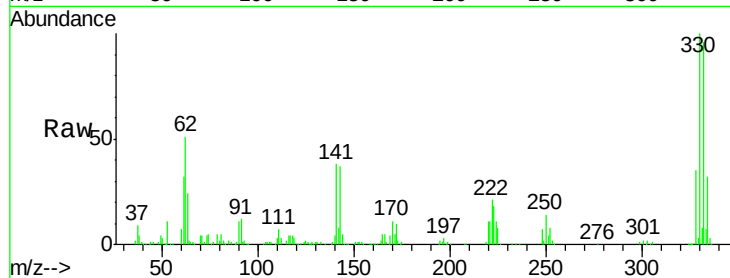
Tot Ion:330 Resp: 328912

Ion Ratio Lower Upper

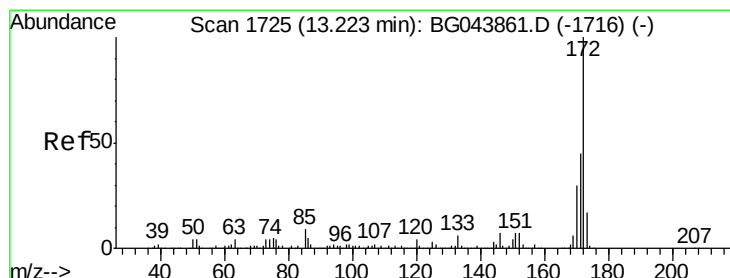
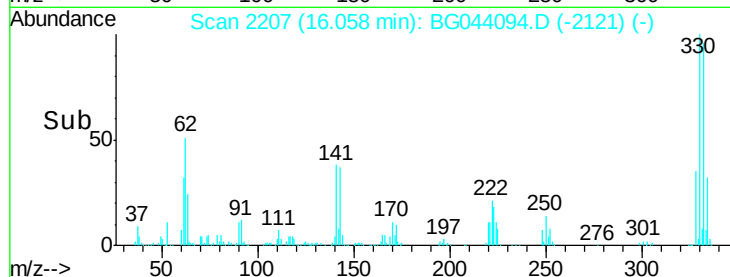
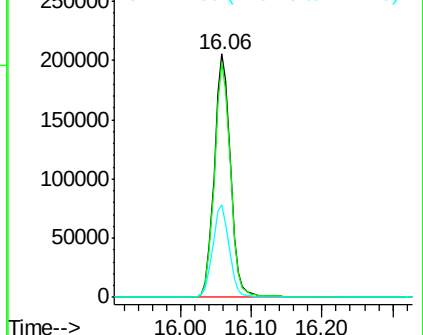
330 100

332 95.3 77.2 115.8

141 38.5 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: 78.812 ng

RT: 13.19 min Scan# 1719

Delta R.T. -0.03 min

Lab File: BG044094.D

Acq: 20 Jan 2020 12:26

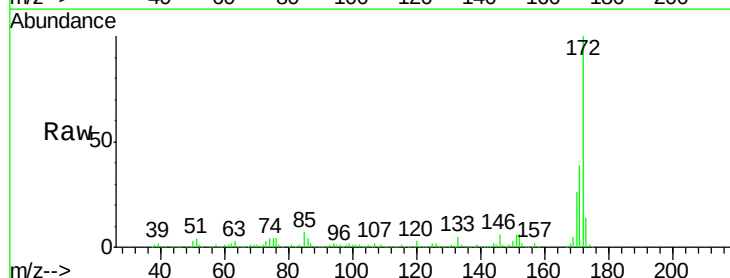
Tgt Ion:172 Resp: 1219117

Ion Ratio Lower Upper

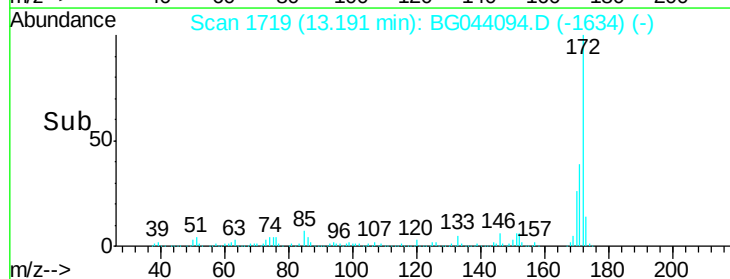
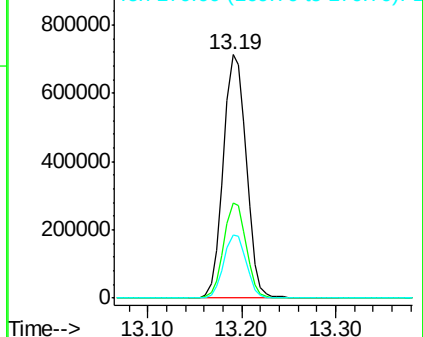
172 100

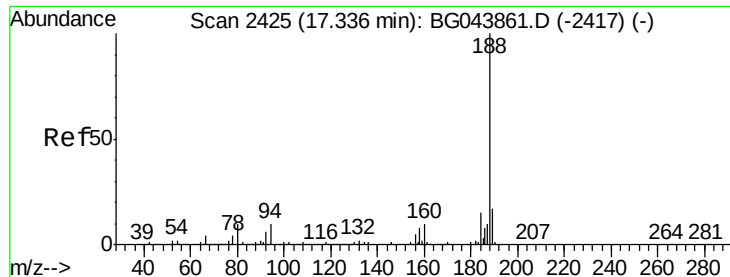
171 39.3 35.8 53.8

170 26.2 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

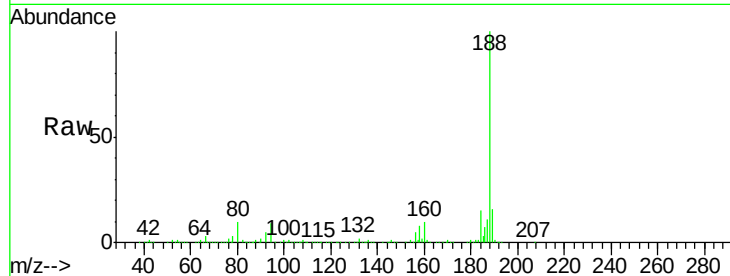




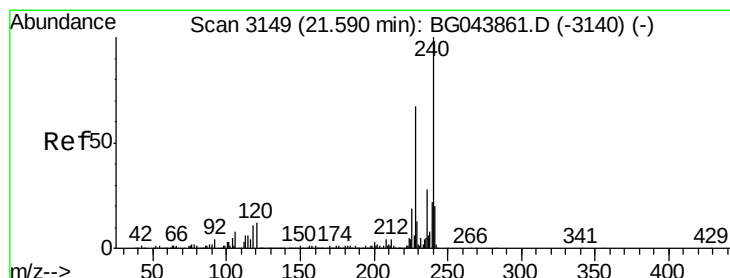
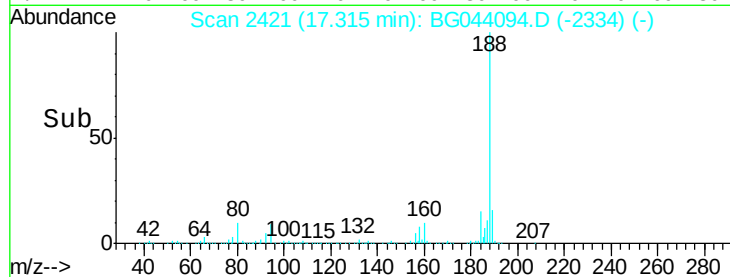
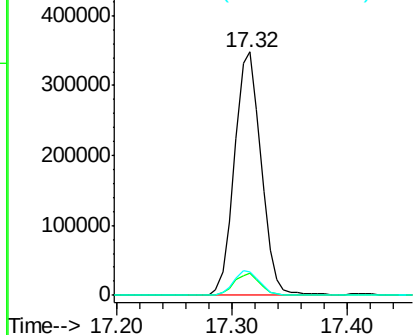
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044094.D
Acq: 20 Jan 2020 12:26

Instrument :
BNA_G
ClientSampleId :
PB126101BL

Tot Ion:188 Resp: 555955
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 9.8 8.2 12.4

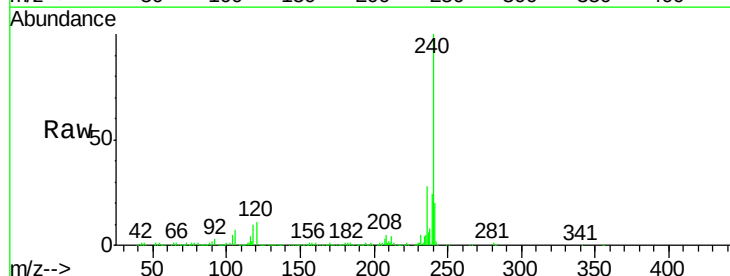


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

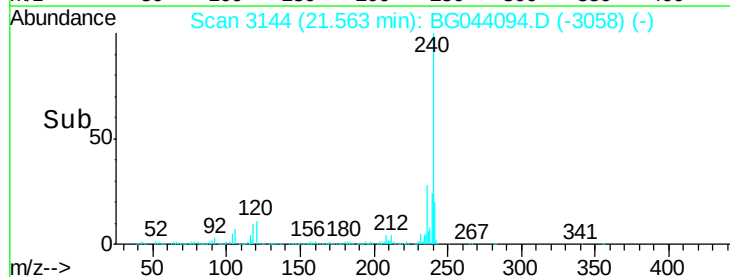
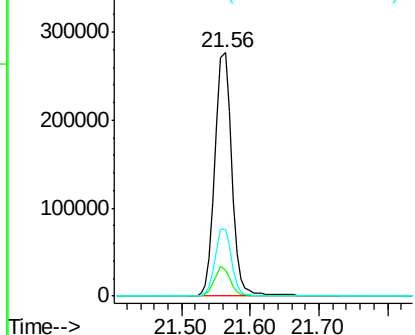


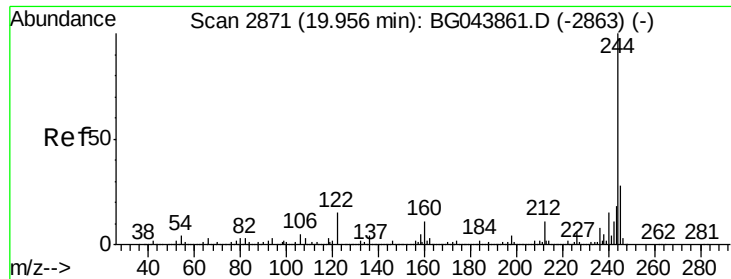
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.03 min
Lab File: BG044094.D
Acq: 20 Jan 2020 12:26

Tgt Ion:240 Resp: 473137
Ion Ratio Lower Upper
240 100
120 10.7 9.6 14.4
236 27.8 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: 89.706 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044094.D

Acq: 20 Jan 2020 12:26

Instrument :

BNA_G

ClientSampleId :

PB126101BL

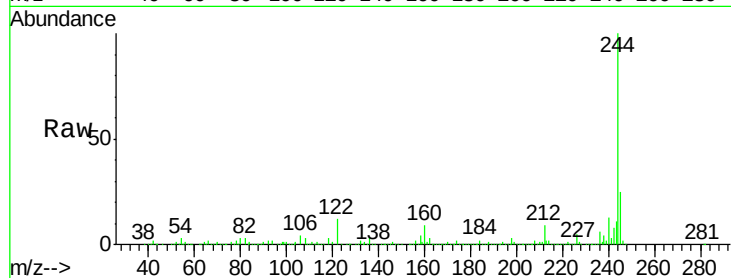
Tot Ion:244 Resp: 1735086

Ion	Ratio	Lower	Upper
244	100		
212	9.1	8.6	13.0
122	12.5	11.9	17.9

244 100

212 9.1 8.6 13.0

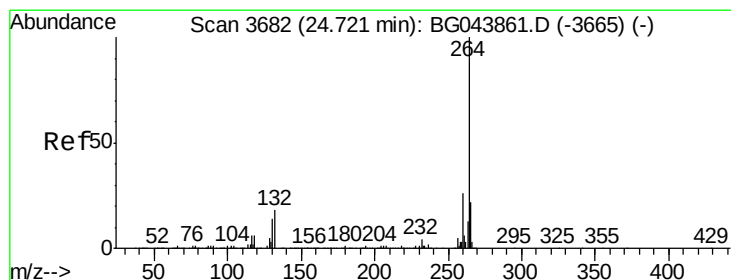
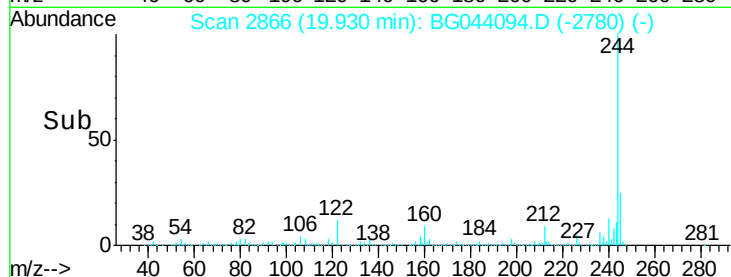
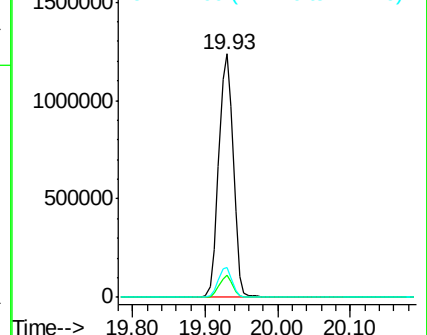
122 12.5 11.9 17.9



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: 24.67 min Scan# 3673

Delta R.T. -0.05 min

Lab File: BG044094.D

Acq: 20 Jan 2020 12:26

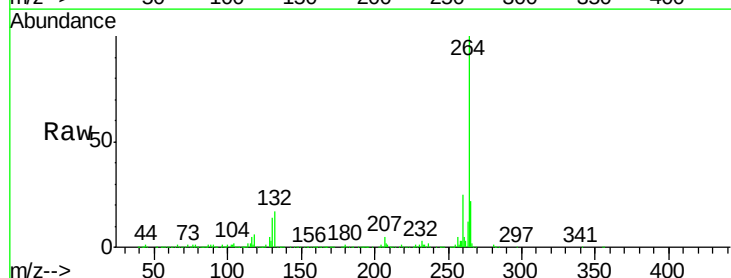
Tgt Ion:264 Resp: 534143

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.4	30.6
265	21.6	17.4	26.2

264 100

260 24.9 20.4 30.6

265 21.6 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

