

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
 Data File : BG044035.D
 Acq On : 14 Jan 2020 13:54
 Operator : JU
 Sample : PB126078BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126078BL

Quant Time: Jan 14 21:11:04 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

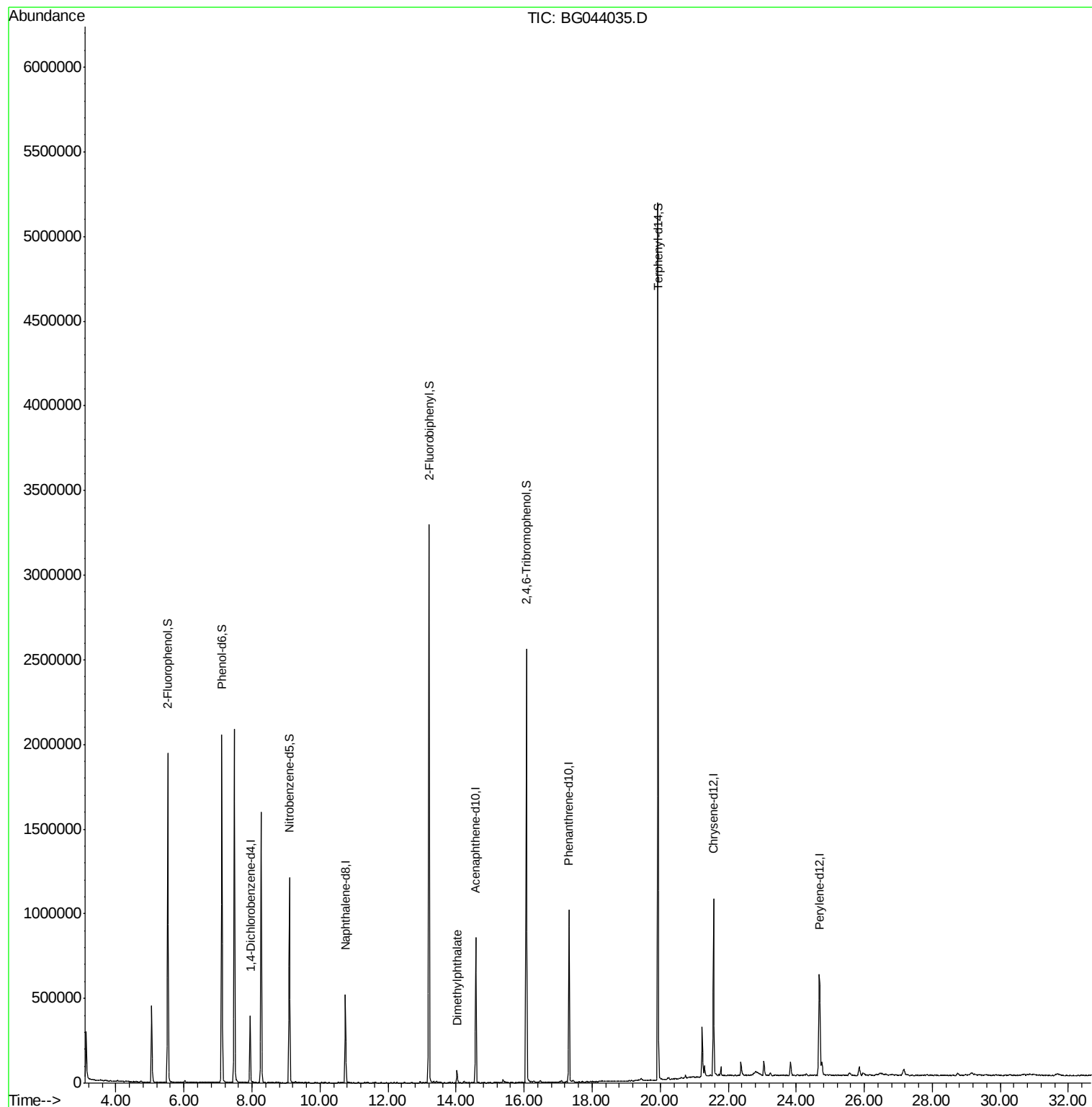
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	117172	20.00	ng	-0.02
21) Naphthalene-d8	10.74	136	482983	20.00	ng	-0.02
39) Acenaphthene-d10	14.57	164	313209	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	655099	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	569064	20.00	ng	-0.02
87) Perylene-d12	24.69	264	628976	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	937040	146.84	ng	-0.01
7) Phenol-d6	7.11	99	1317315	147.68	ng	-0.01
23) Nitrobenzene-d5	9.10	82	784587	86.90	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	500403	152.67	ng	-0.02
45) 2-Fluorobiphenyl	13.21	172	1708783	98.85	ng	-0.02
79) Terphenyl-d14	19.93	244	2349548	105.94	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.03	163	54298	2.442	ng	Qvalue # 97

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

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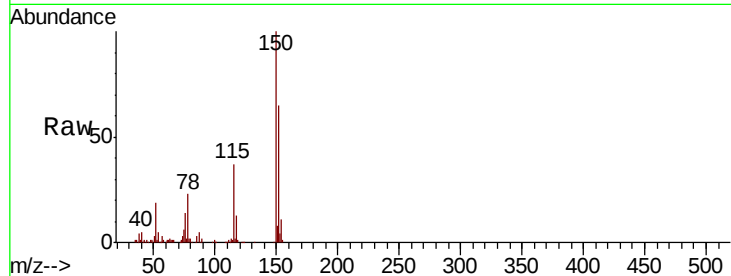


#1

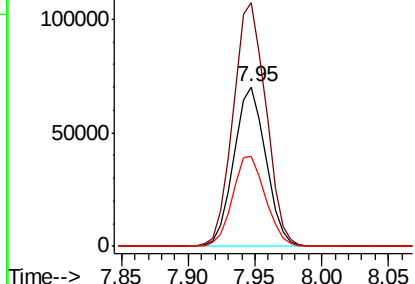
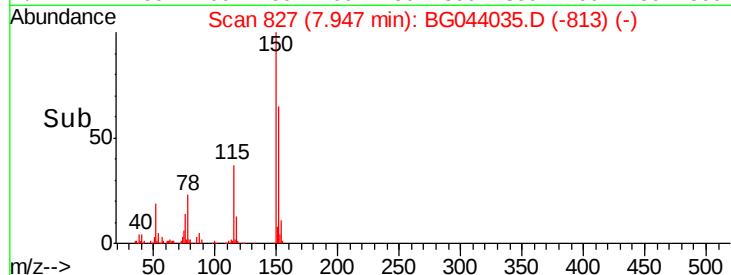
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Instrument :
BNA_G
ClientSampleId :
PB126078BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	127.0	190.4
115	56.5	47.8	71.8



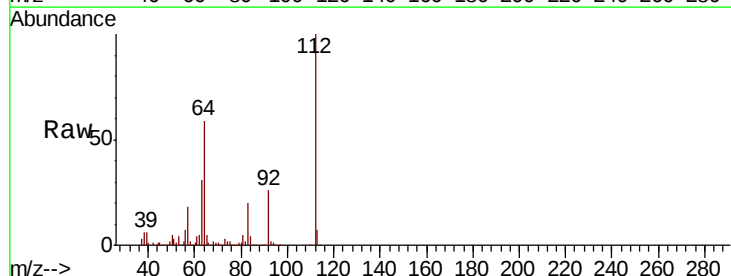
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



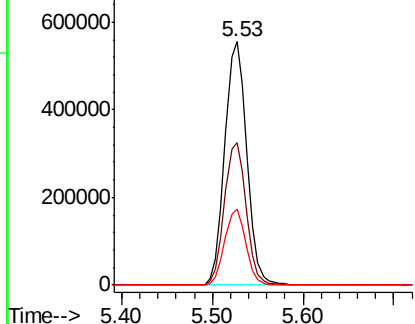
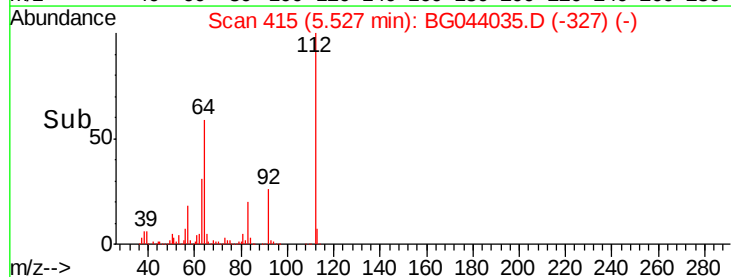
#5

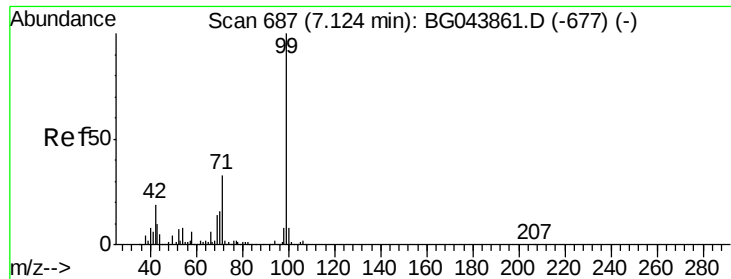
2-Fluorophenol
Concen: 146.837 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.8	71.6
63	31.0	24.3	36.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 147.678 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG044035.D

Acq: 14 Jan 2020 13:54

Instrument :

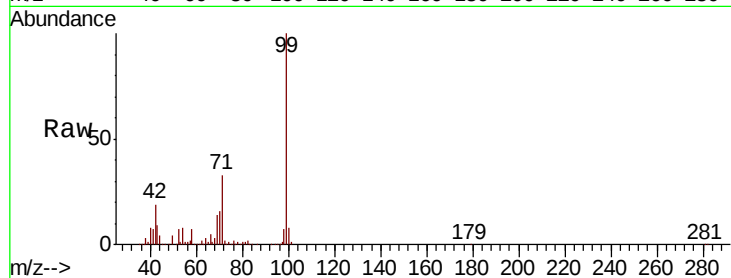
BNA_G

ClientSampleId :

PB126078BL

Tot Ion: 99 Resp: 1317315

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.9	22.3
71	33.5	26.4	39.6

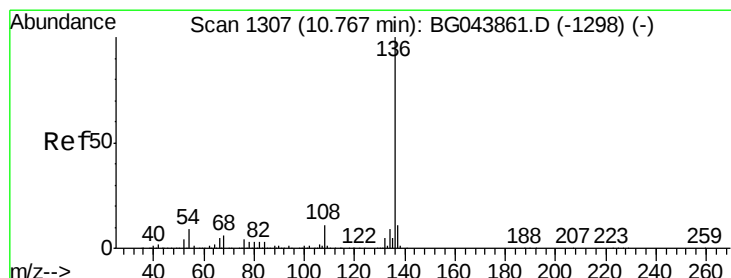
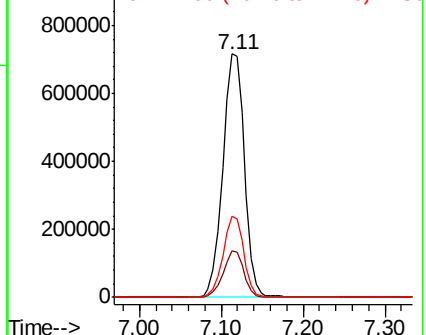
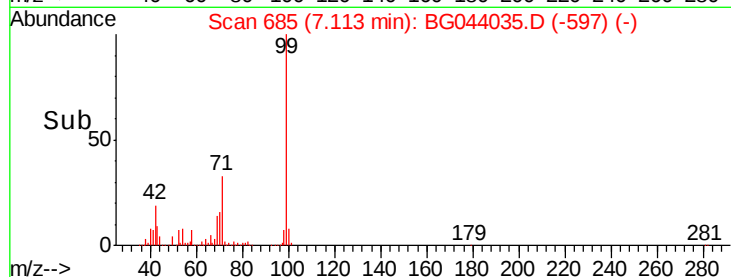


Abundance

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: 10.74 min Scan# 1303

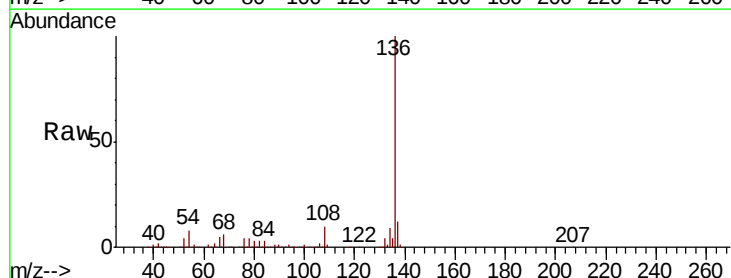
Delta R.T. -0.02 min

Lab File: BG044035.D

Acq: 14 Jan 2020 13:54

Tgt Ion: 136 Resp: 482983

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	7.8	7.0	10.4
68	6.1	4.9	7.3



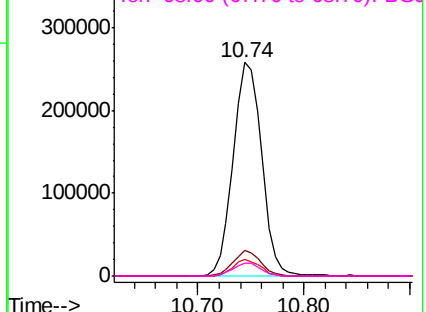
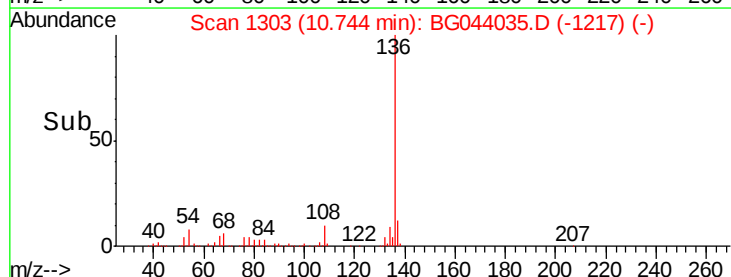
Abundance

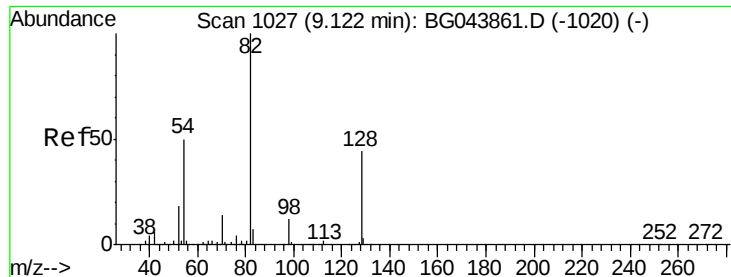
Ion 136.00 (135.70 to 136.70): BGC

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

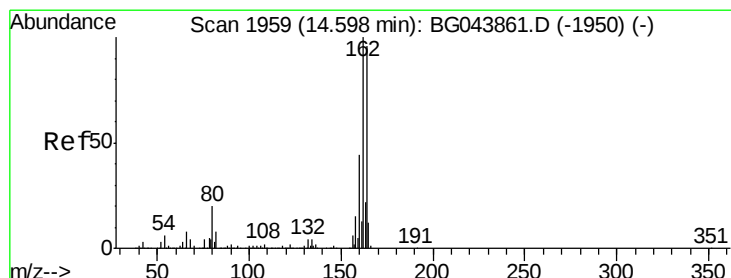
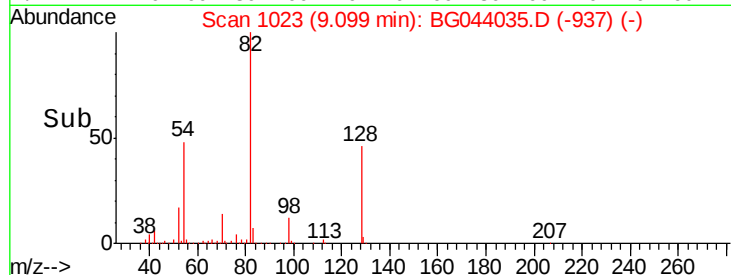
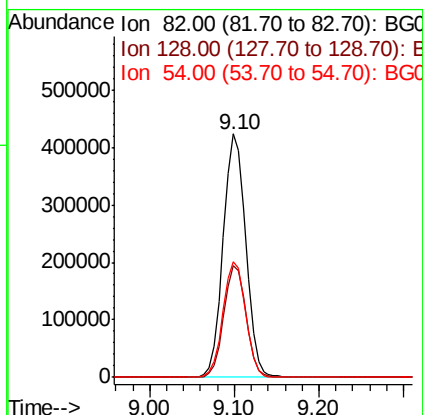
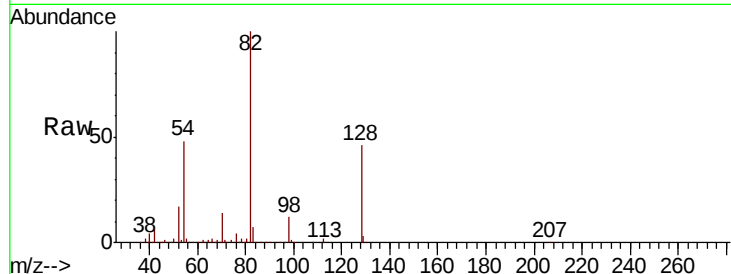




#23
Nitrobenzene-d5
Concen: 86.902 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

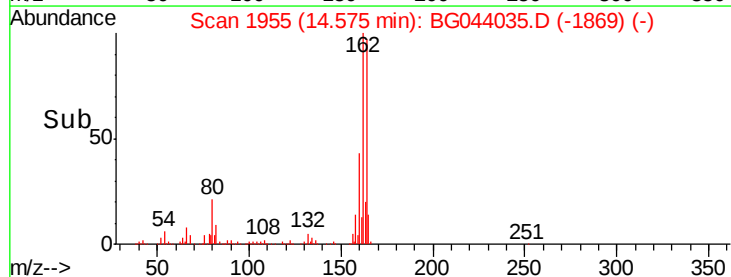
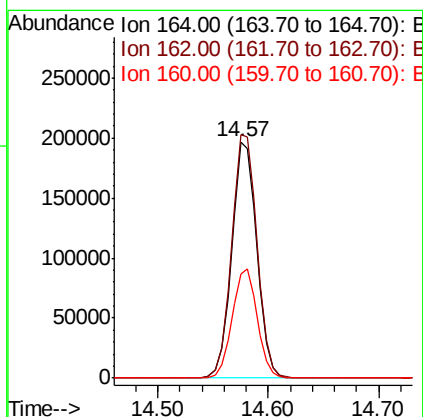
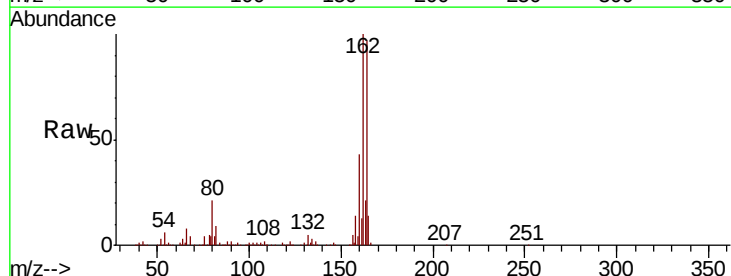
Instrument :
BNA_G
ClientSampleId :
PB126078BL

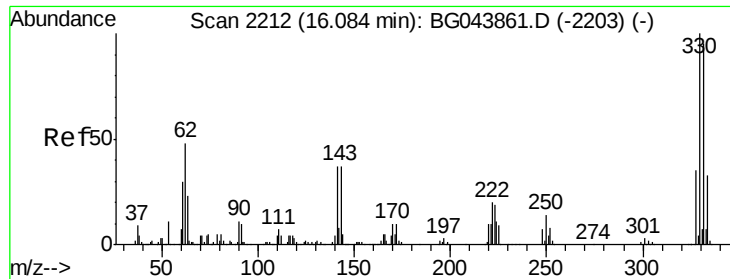
Tot Ion	82	Resp	784587
Ion Ratio	Lower	Upper	
82	100		
128	45.7	35.1	52.7
54	47.7	40.1	60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Tgt Ion	164	Resp	313209
Ion Ratio	Lower	Upper	
164	100		
162	103.2	83.0	124.4
160	44.2	36.1	54.1

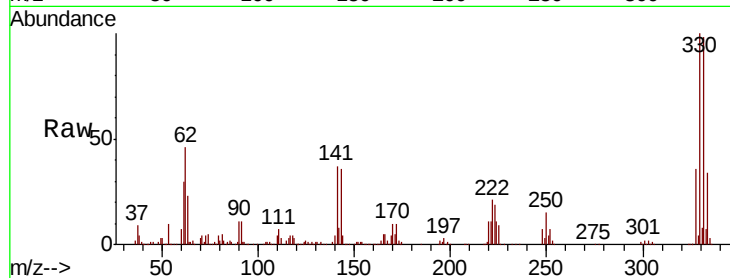




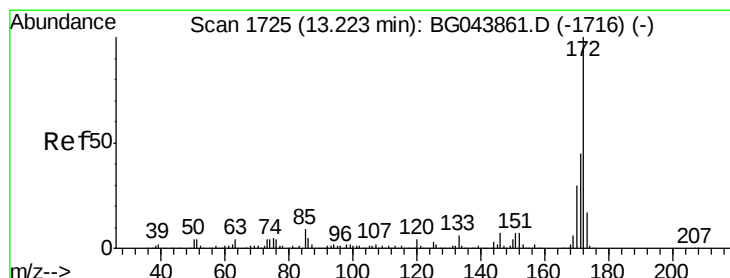
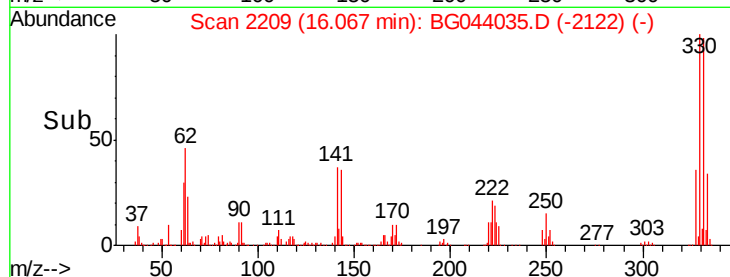
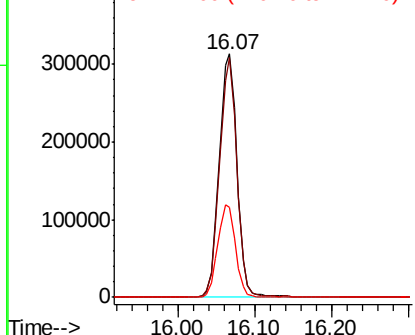
#42
 2,4,6-Tribromophenol
 Concen: 152.670 ng
 RT: 16.07 min Scan# 2209
 Delta R.T. -0.02 min
 Lab File: BG044035.D
 Acq: 14 Jan 2020 13:54

Instrument :
 BNA_G
 ClientSampleId :
 PB126078BL

Tot Ion:330 Resp: 500403
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.2 115.8
 141 38.2 33.1 49.7

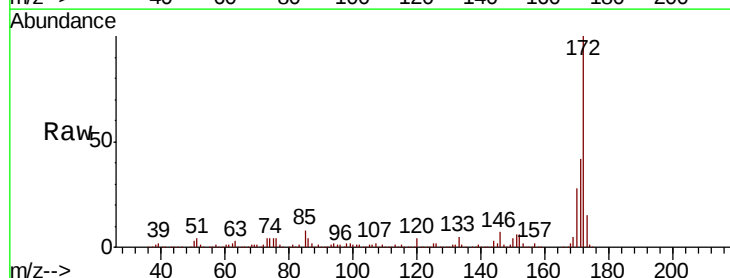


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

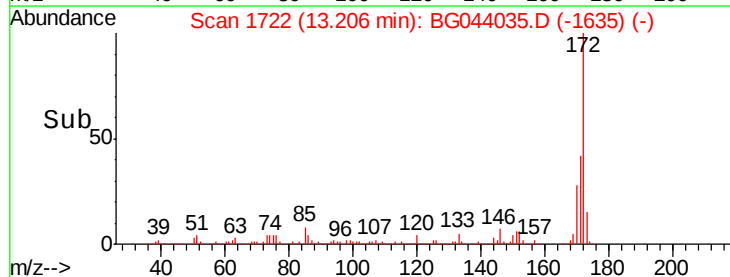
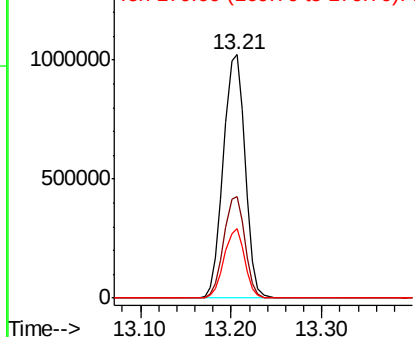


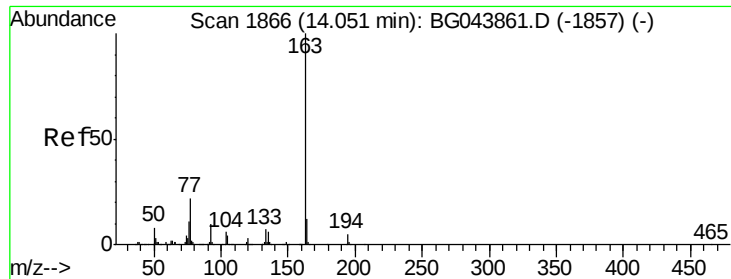
#45
 2-Fluorobiphenyl
 Concen: 98.845 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG044035.D
 Acq: 14 Jan 2020 13:54

Tgt Ion:172 Resp: 1708783
 Ion Ratio Lower Upper
 172 100
 171 41.7 35.8 53.8
 170 28.5 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





#50

Dimethylphthalate

Concen: 2.442 ng

RT: 14.03 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BG044035.D

Acq: 14 Jan 2020 13:54

Instrument :

BNA_G

ClientSampleId :

PB126078BL

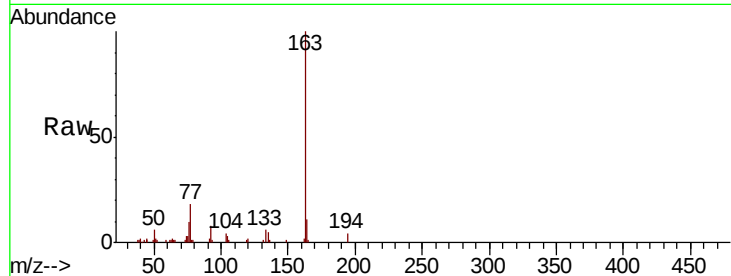
Tot Ion:163 Resp: 54298

Ion Ratio Lower Upper

163 100

194 3.6 3.7 5.5#

164 10.5 9.3 13.9

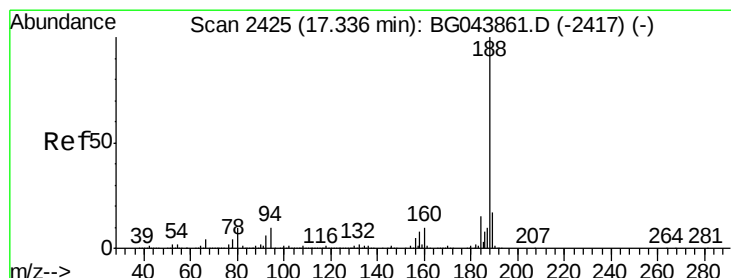
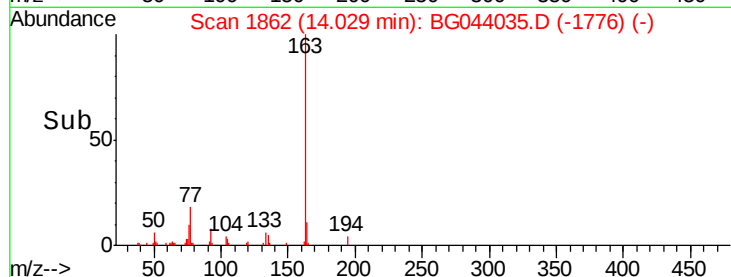
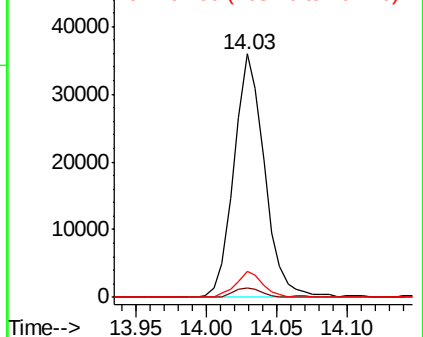


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.02 min

Lab File: BG044035.D

Acq: 14 Jan 2020 13:54

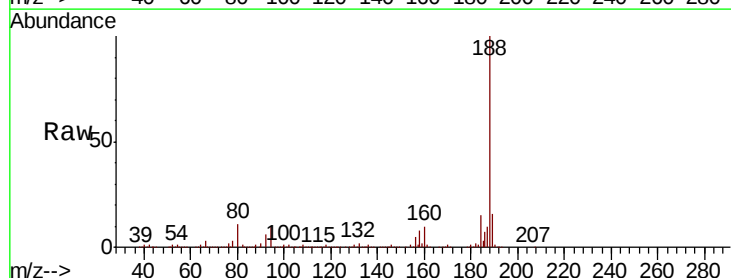
Tgt Ion:188 Resp: 655099

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 10.5 8.2 12.4

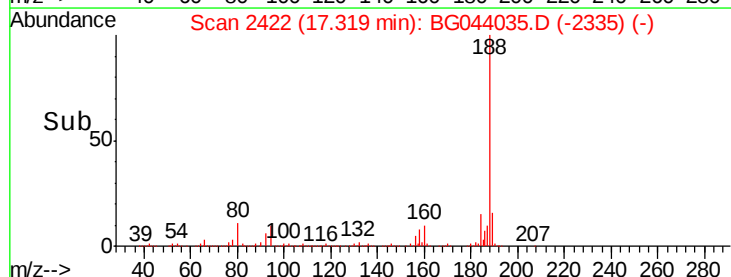
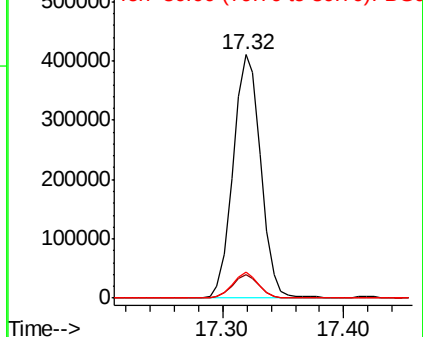


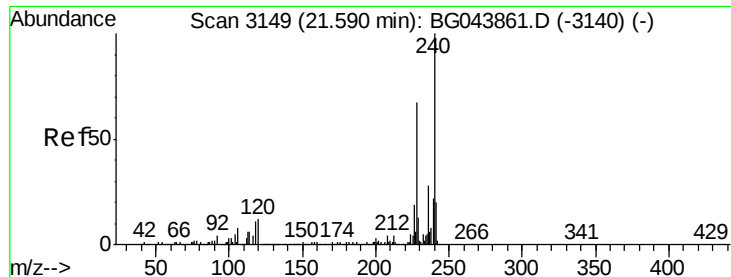
Abundance

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: 21.57 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG044035.D

Acq: 14 Jan 2020 13:54

Instrument :

BNA_G

ClientSampleId :

PB126078BL

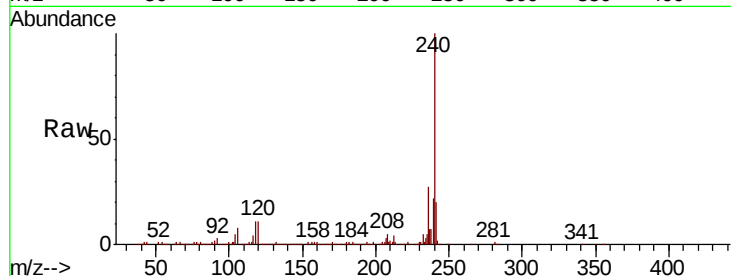
Tot Ion:240 Resp: 569064

Ion Ratio Lower Upper

240 100

120 11.0 9.6 14.4

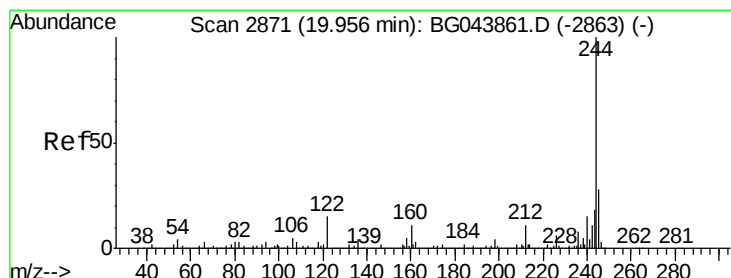
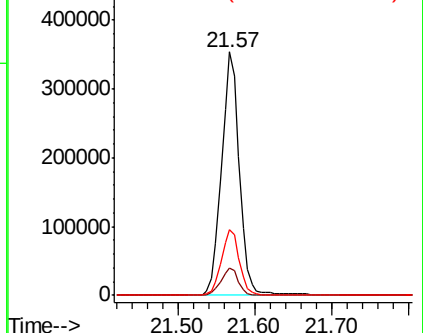
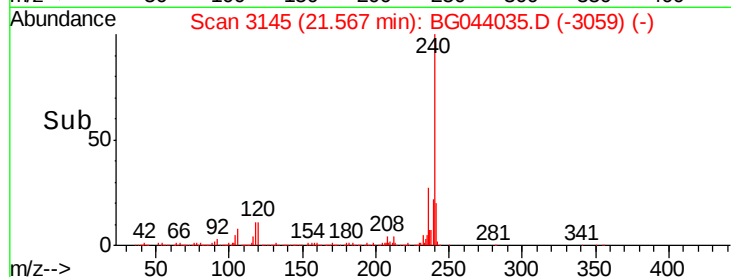
236 27.1 22.2 33.2



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: 105.938 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.02 min

Lab File: BG044035.D

Acq: 14 Jan 2020 13:54

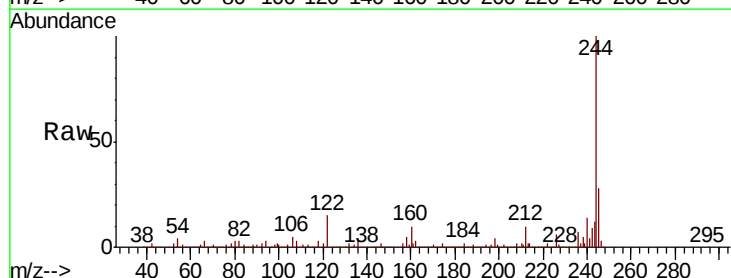
Tgt Ion:244 Resp: 2349548

Ion Ratio Lower Upper

244 100

212 10.5 8.6 13.0

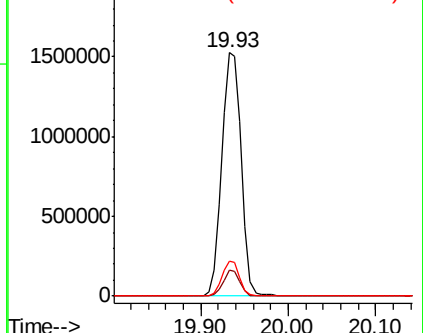
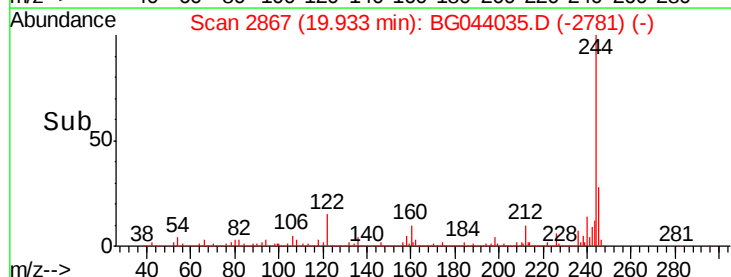
122 14.6 11.9 17.9

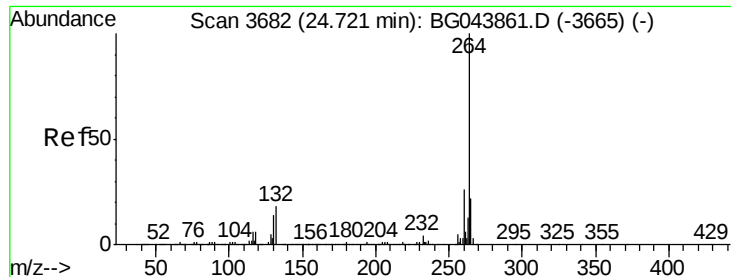


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.69 min Scan# 3676
Delta R.T. -0.03 min
Lab File: BG044035.D
Acq: 14 Jan 2020 13:54

Instrument :
BNA_G
ClientSampleId :
PB126078BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	21.7	17.4	26.2

