

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044578.D
 Acq On : 25 Feb 2020 15:45
 Operator : CG/JU
 Sample : PB126985BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126985BL

Quant Time: Feb 26 05:33:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	53649	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	220868	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	153571	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	382122	20.00	ng	0.00
76) Chrysene-d12	21.50	240	391816	20.00	ng	0.00
87) Perylene-d12	24.57	264	402718	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	184684	55.23	ng	0.00
7) Phenol-d6	7.05	99	142627	31.16	ng	0.00
23) Nitrobenzene-d5	9.03	82	369474	86.18	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	294388	135.19	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	902919	84.19	ng	0.00
79) Terphenyl-d14	19.88	244	1684568	81.39	ng	0.00

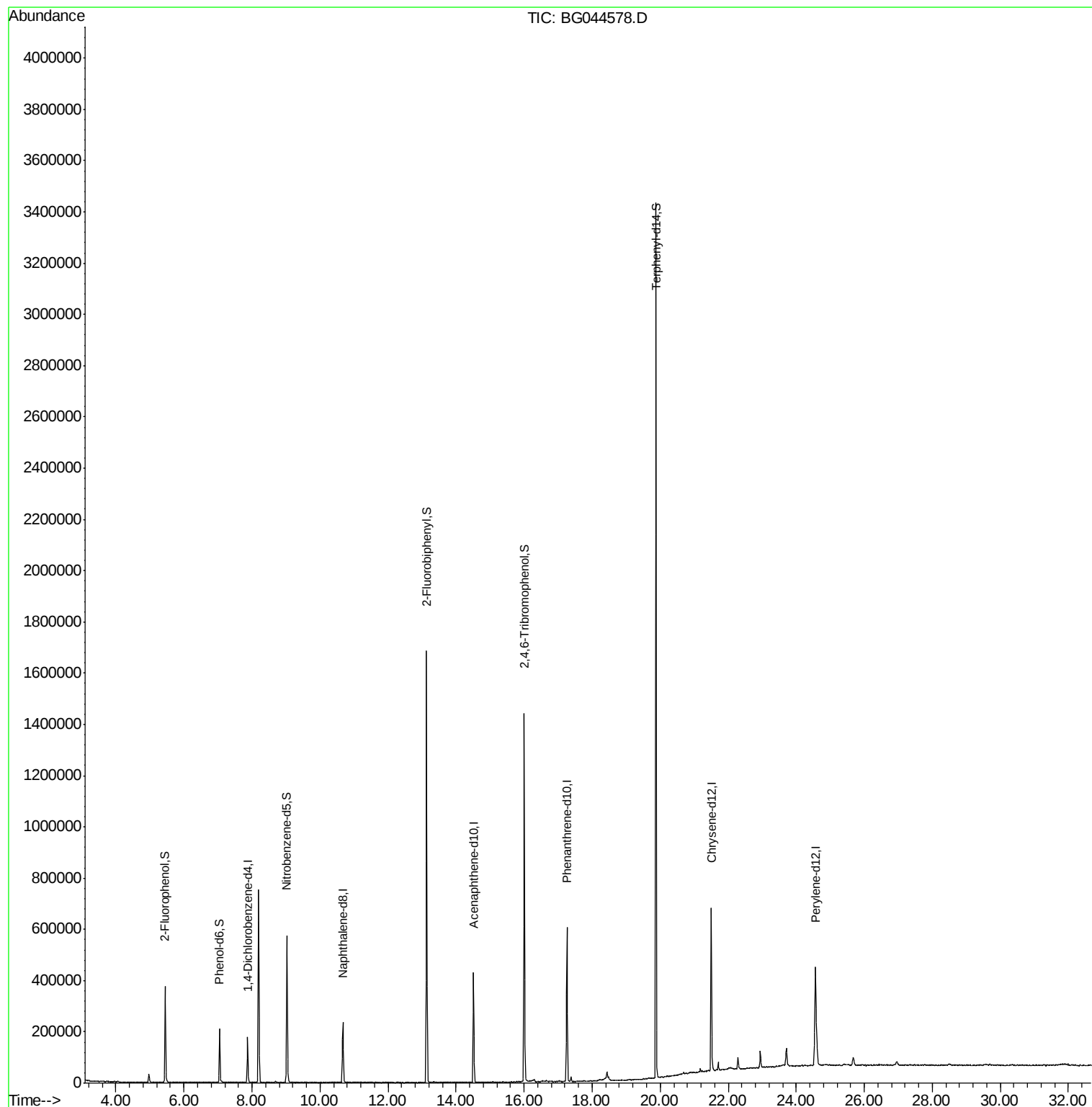
Target Compounds Qvalue

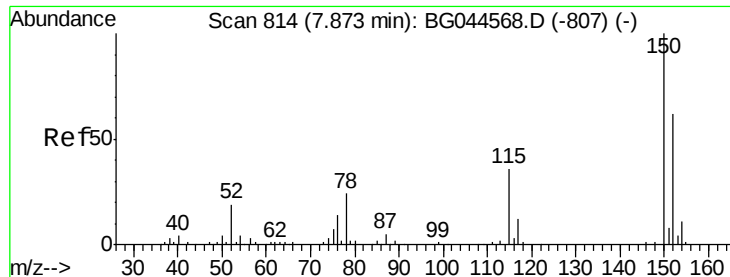
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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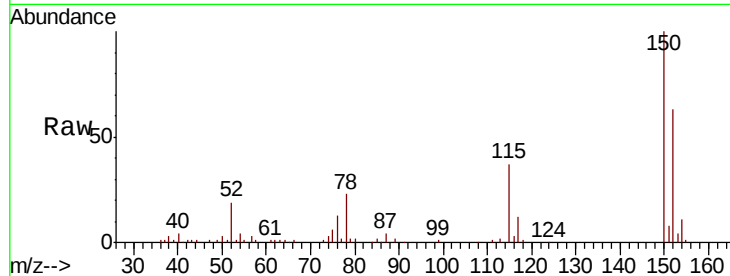


#1

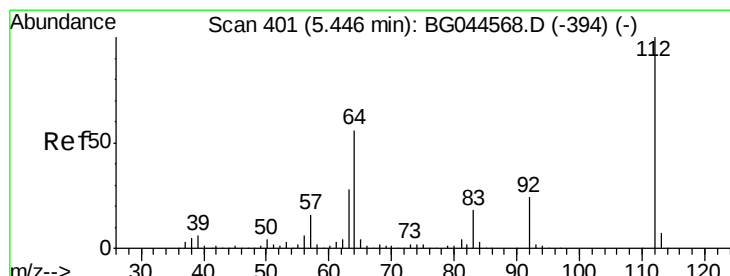
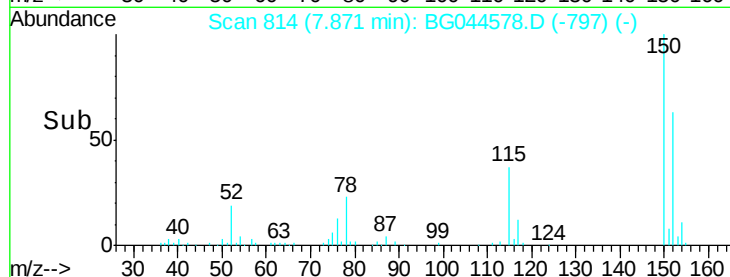
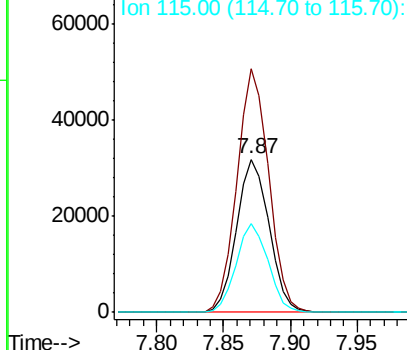
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044578.D
Acq: 25 Feb 2020 15:45

Instrument :
BNA_G
ClientSampleId :
PB126985BL

Tot Ion:152 Resp: 53649
Ion Ratio Lower Upper
152 100
150 158.9 128.9 193.3
115 58.0 47.0 70.4



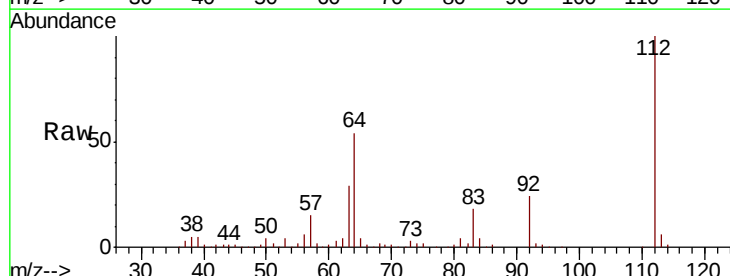
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



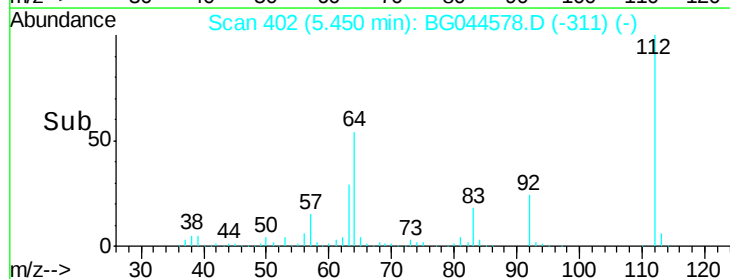
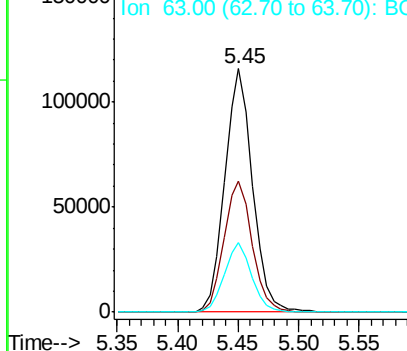
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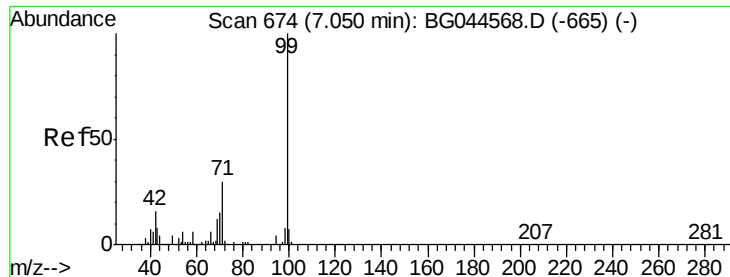
2-Fluorophenol
Concen: 55.233 ng
RT: 5.45 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG044578.D
Acq: 25 Feb 2020 15:45

Tgt Ion:112 Resp: 184684
Ion Ratio Lower Upper
112 100
64 54.0 44.8 67.2
63 28.8 22.3 33.5



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: 31.162 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044578.D

Acq: 25 Feb 2020 15:45

Instrument :

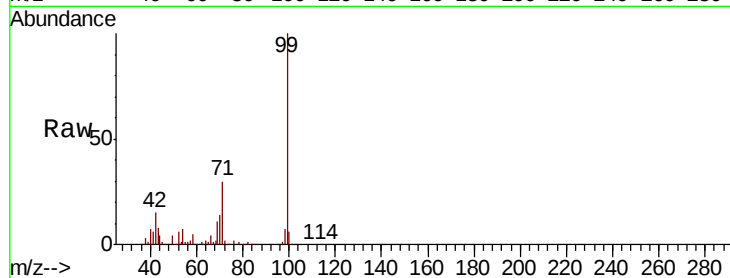
BNA_G

ClientSampleId :

PB126985BL

Tot Ion: 99 Resp: 142627

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.8	19.2
71	29.9	24.4	36.6

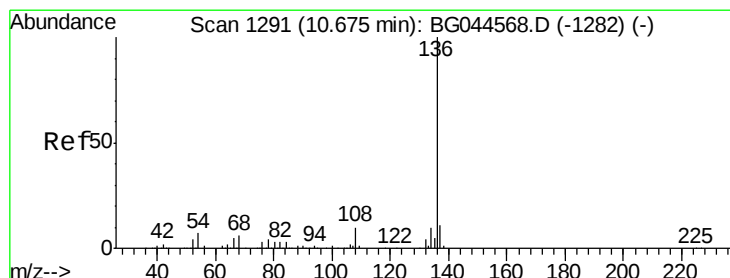
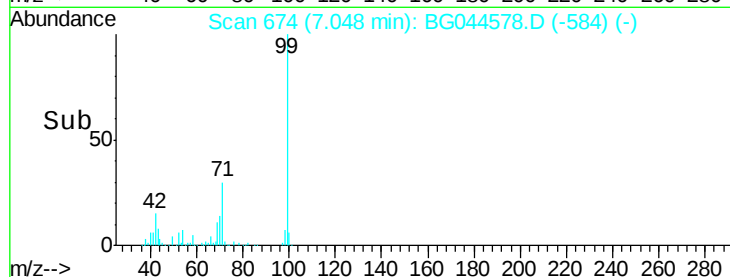
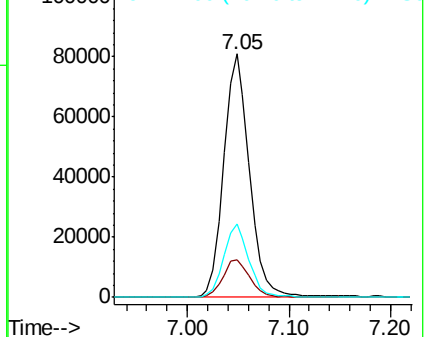


Abundance

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: 10.67 min Scan# 1291

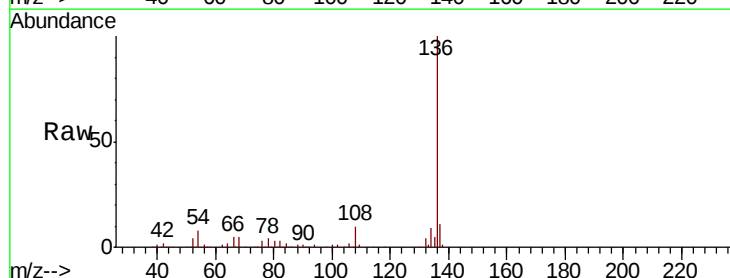
Delta R.T. -0.00 min

Lab File: BG044578.D

Acq: 25 Feb 2020 15:45

Tgt Ion: 136 Resp: 220868

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	5.7	8.5
68	5.4	4.5	6.7



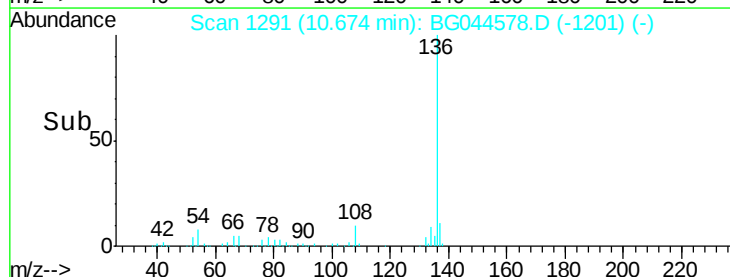
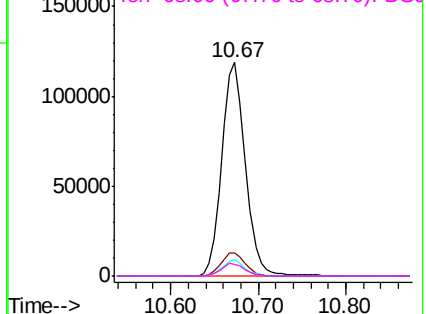
Abundance

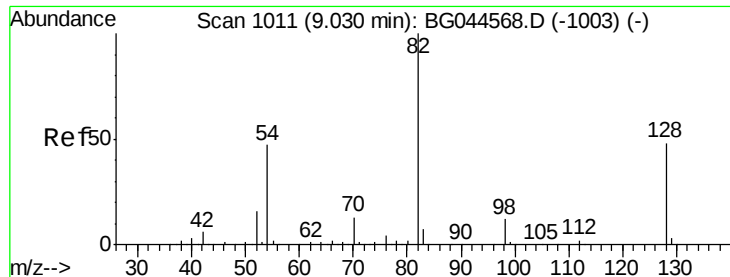
Ion 136.00 (135.70 to 136.70): BGC

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

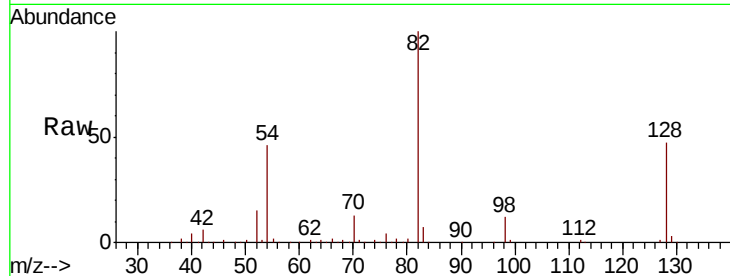




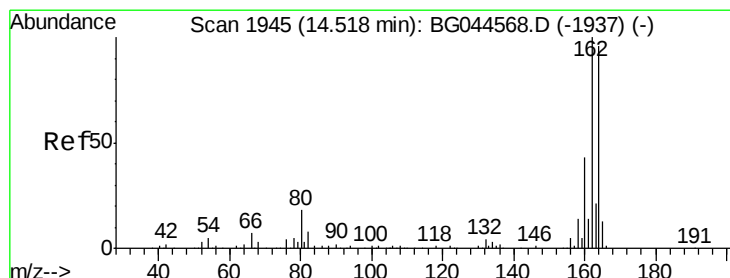
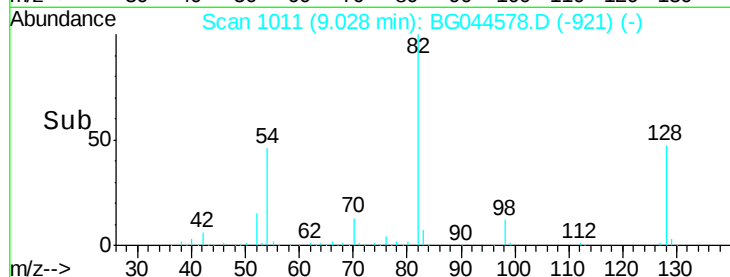
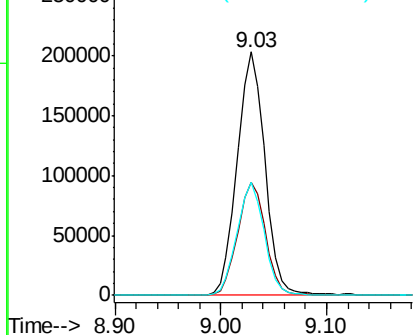
#23
Nitrobenzene-d5
Concen: 86.181 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG044578.D
Acq: 25 Feb 2020 15:45

Instrument :
BNA_G
ClientSampleId :
PB126985BL

Tot Ion: 82 Resp: 369474
Ion Ratio Lower Upper
82 100
128 46.7 38.1 57.1
54 46.3 37.5 56.3

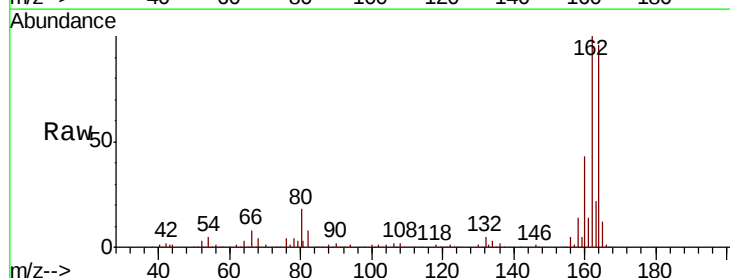


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

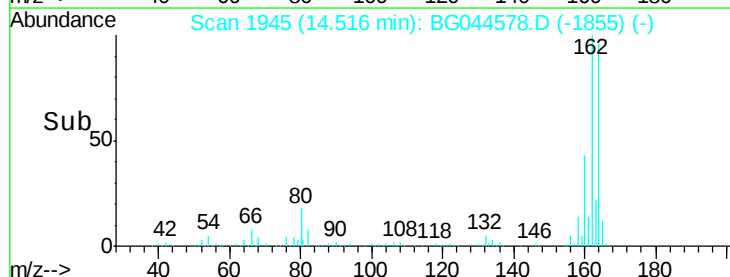
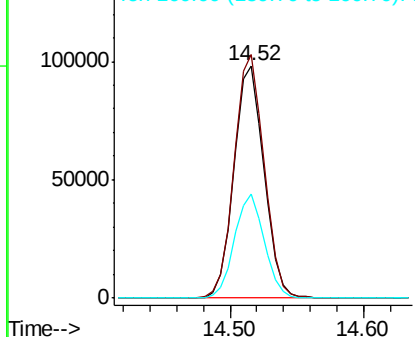


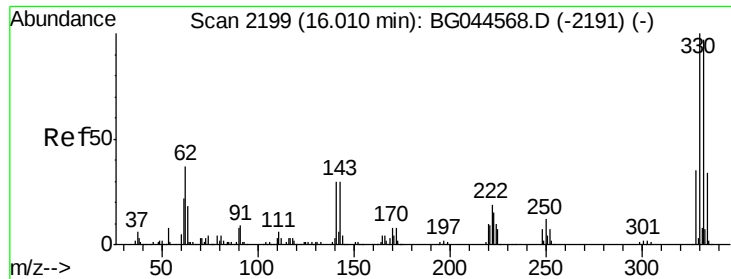
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG044578.D
Acq: 25 Feb 2020 15:45

Tgt Ion:164 Resp: 153571
Ion Ratio Lower Upper
164 100
162 104.7 83.6 125.4
160 44.5 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

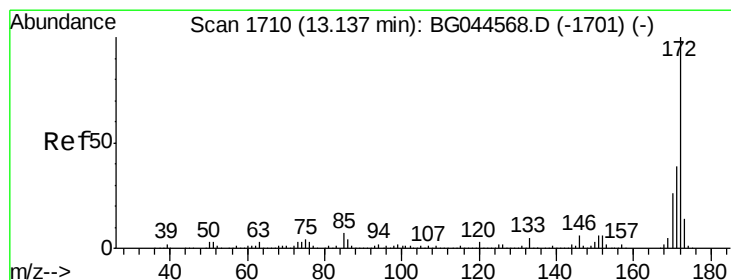
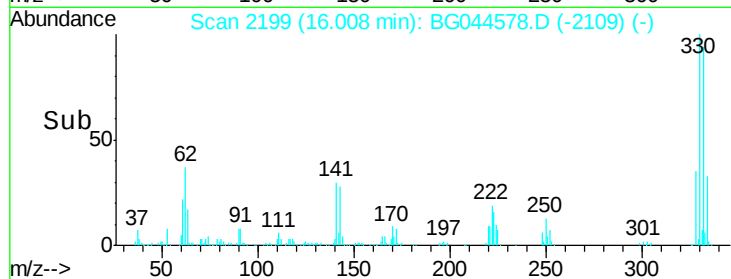
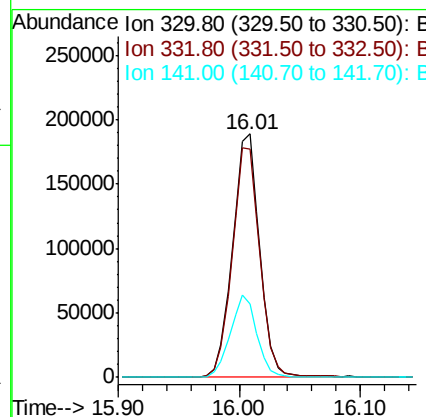
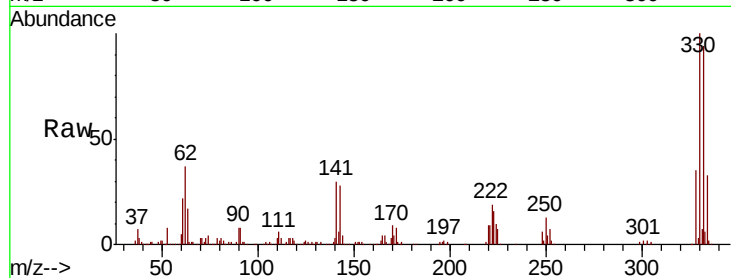




#42
 2,4,6-Tribromophenol
 Concen: 135.194 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BG044578.D
 Acq: 25 Feb 2020 15:45

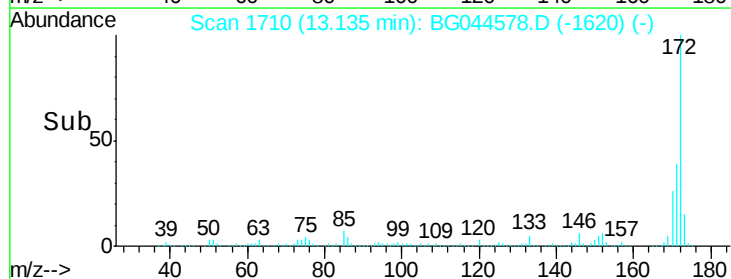
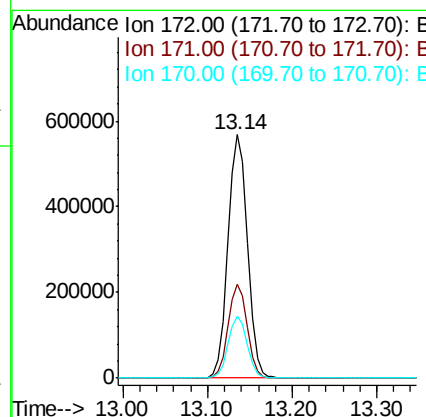
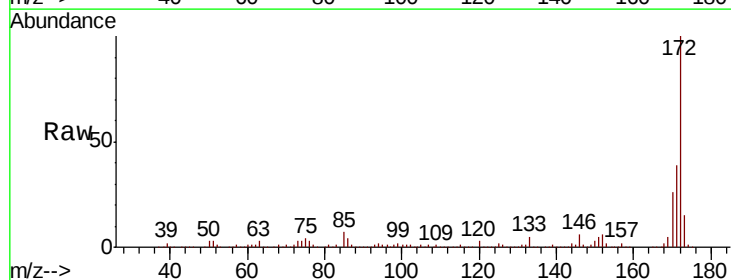
Instrument :
 BNA_G
 ClientSampleId :
 PB126985BL

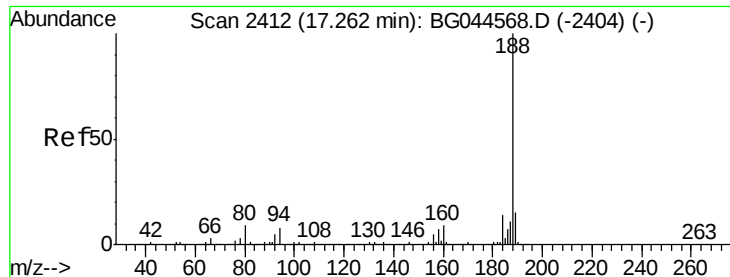
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.0
141	33.4	26.1	39.1



#45
 2-Fluorobiphenyl
 Concen: 84.194 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG044578.D
 Acq: 25 Feb 2020 15:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	25.5	21.0	31.4

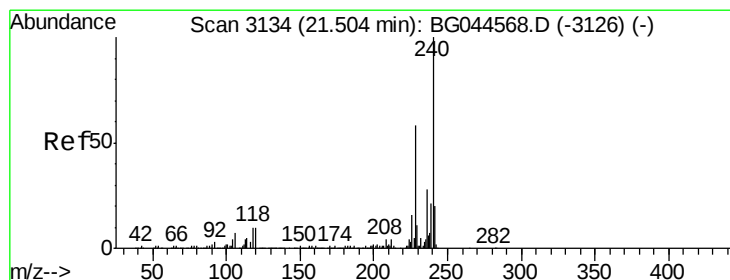
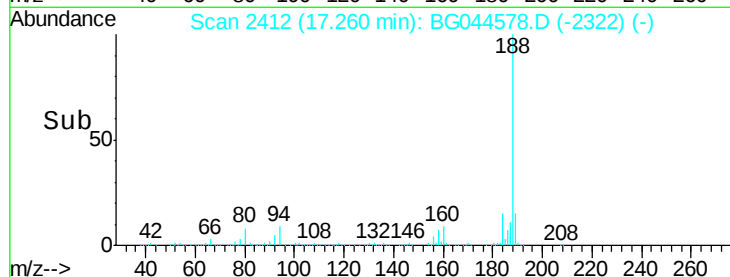
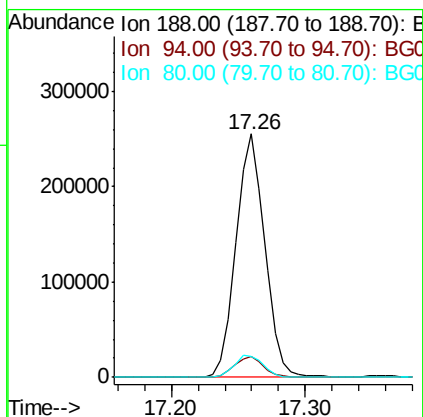
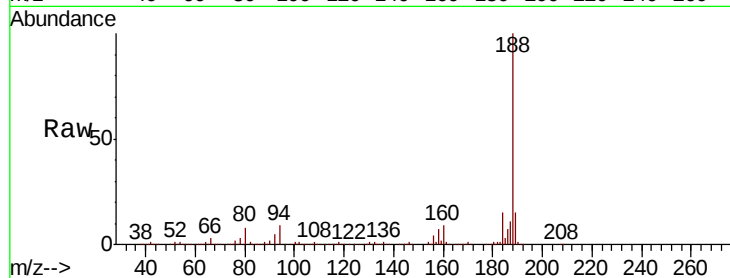




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG044578.D
Acq: 25 Feb 2020 15:45

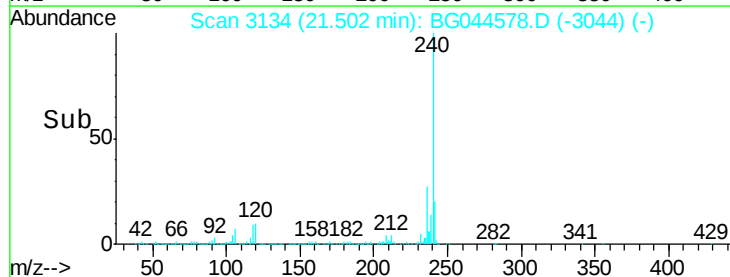
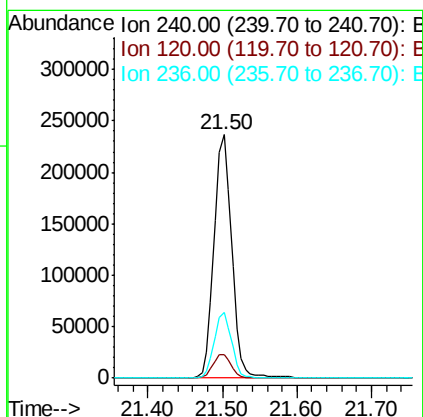
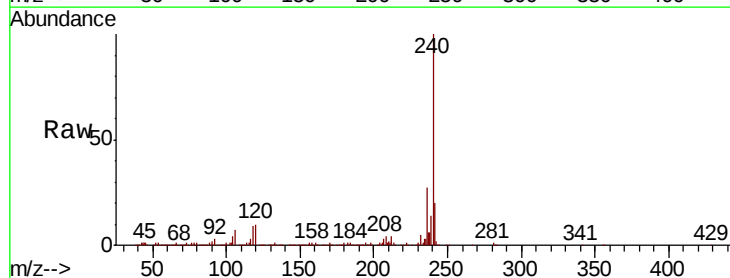
Instrument :
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ClientSampleId :
PB126985BL

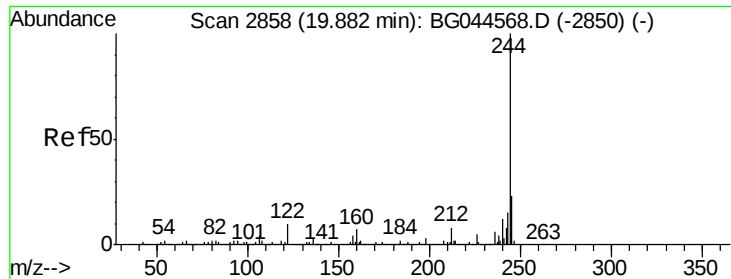
Tot Ion:188 Resp: 382122
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 8.5 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BG044578.D
Acq: 25 Feb 2020 15:45

Tgt Ion:240 Resp: 391816
Ion Ratio Lower Upper
240 100
120 9.6 8.3 12.5
236 26.9 22.3 33.5





#79

Terphenyl-d14

Concen: 81.390 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044578.D

Acq: 25 Feb 2020 15:45

Instrument :

BNA_G

ClientSampleId :

PB126985BL

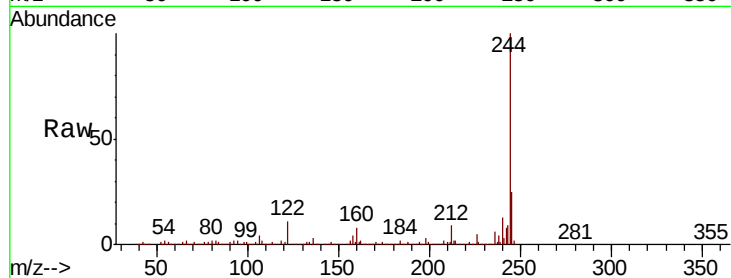
Tot Ion:244 Resp: 1684568

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

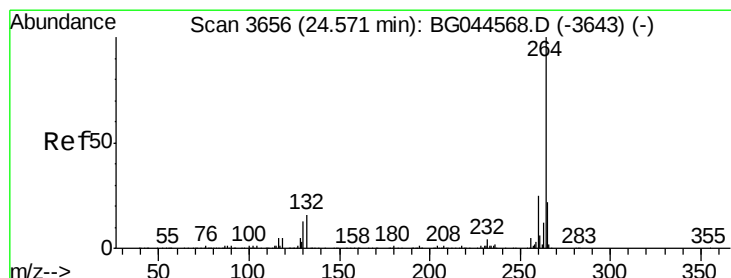
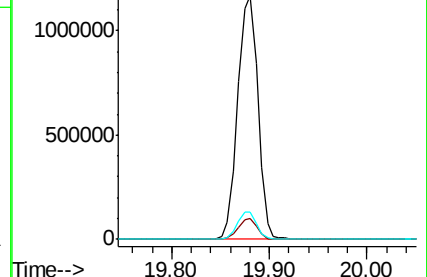
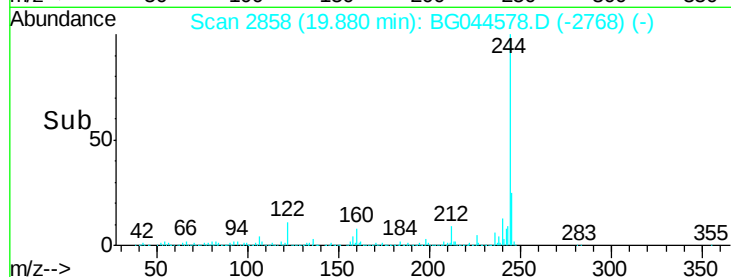
122 11.4 8.2 12.4



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: 24.57 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BG044578.D

Acq: 25 Feb 2020 15:45

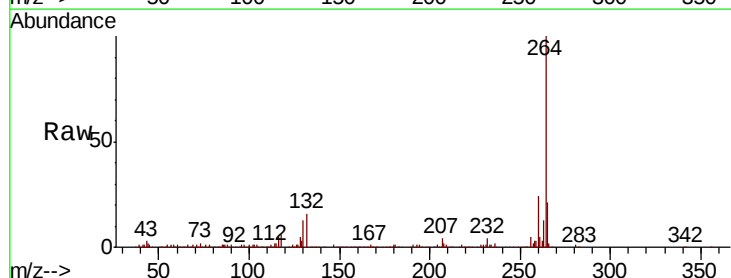
Tgt Ion:264 Resp: 402718

Ion Ratio Lower Upper

264 100

260 23.8 19.7 29.5

265 21.2 17.8 26.8



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

