

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021120\
 Data File : BG044391.D
 Acq On : 11 Feb 2020 16:25
 Operator : CG/JU
 Sample : PB126734BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126734BL

Quant Time: Feb 12 03:27:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	62394	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	255585	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	171224	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	439275	20.00	ng	0.00
76) Chrysene-d12	21.53	240	453782	20.00	ng	0.00
87) Perylene-d12	24.62	264	463422	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	529956	149.90	ng	0.00
7) Phenol-d6	7.08	99	686473	144.60	ng	0.00
23) Nitrobenzene-d5	9.06	82	413743	91.39	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	305799	152.13	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	985989	96.43	ng	0.00
79) Terphenyl-d14	19.90	244	1885249	85.45	ng	0.00

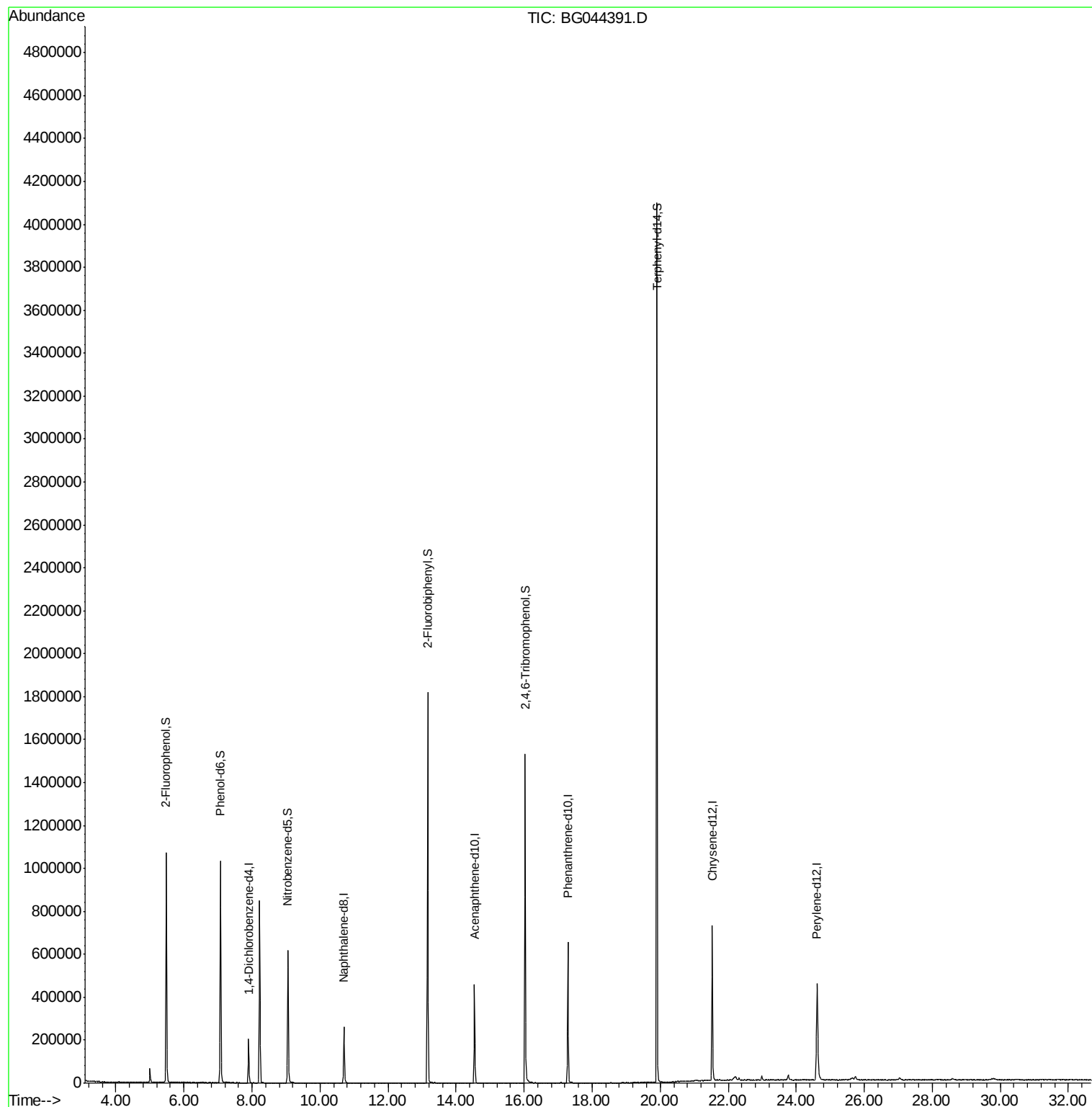
Target Compounds Qvalue

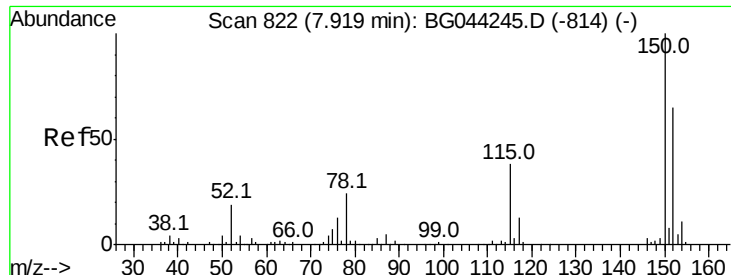
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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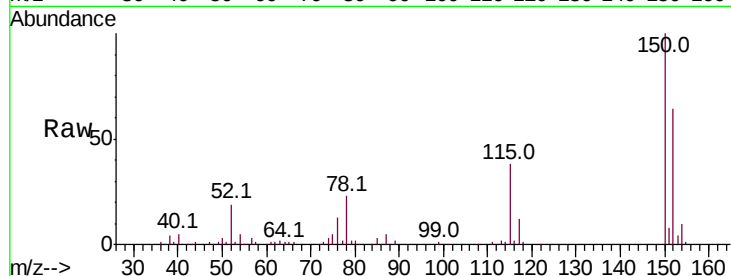


#1

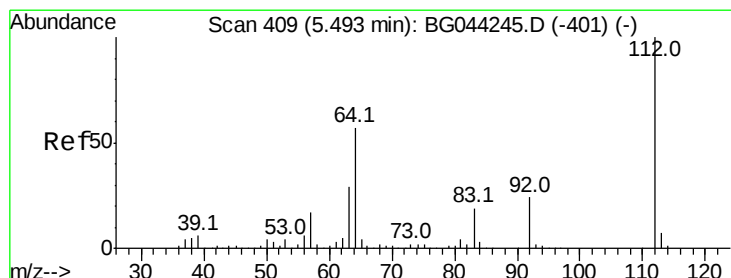
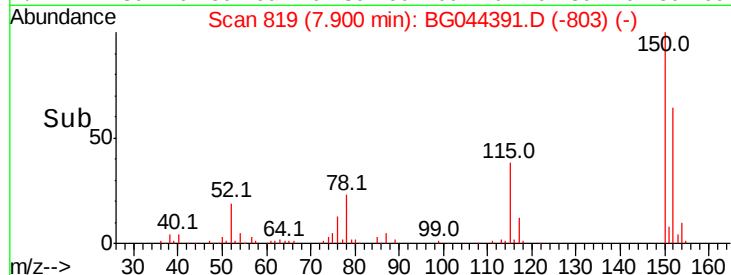
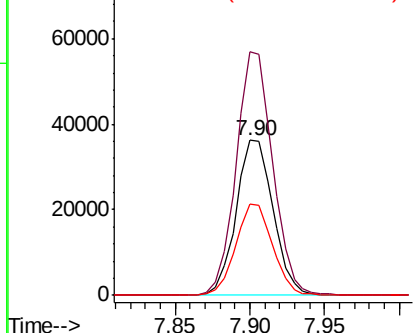
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG044391.D
 Acq: 11 Feb 2020 16:25

Instrument :
 BNA_G
 ClientSampleId :
 PB126734BL

Tot Ion:152 Resp: 62394
 Ion Ratio Lower Upper
 152 100
 150 156.8 122.6 183.8
 115 59.0 46.0 69.0



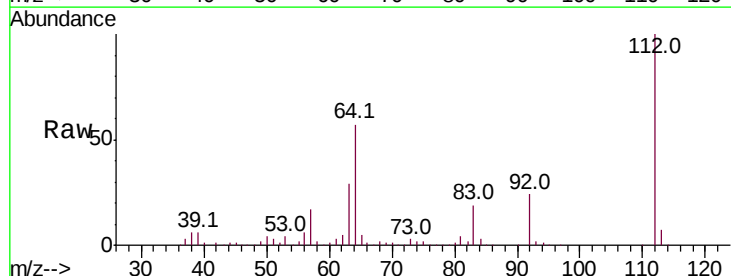
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



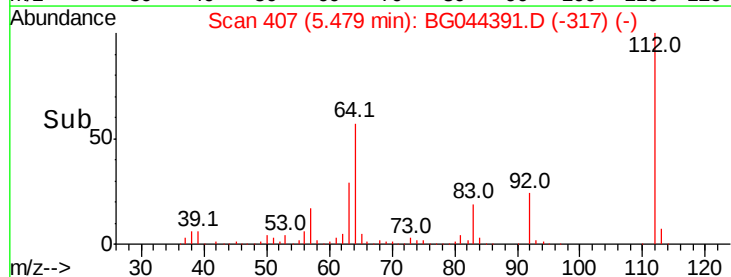
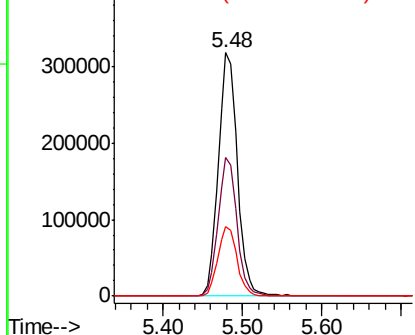
#5

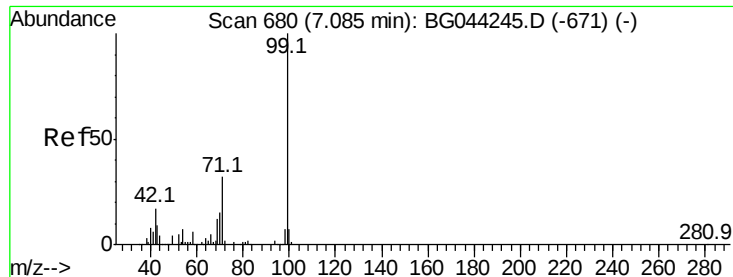
2-Fluorophenol
 Concen: 149.900 ng
 RT: 5.48 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: BG044391.D
 Acq: 11 Feb 2020 16:25

Tgt Ion:112 Resp: 529956
 Ion Ratio Lower Upper
 112 100
 64 56.7 45.4 68.2
 63 28.7 22.9 34.3



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: 144.597 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044391.D

Acq: 11 Feb 2020 16:25

Instrument :

BNA_G

ClientSampleId :

PB126734BL

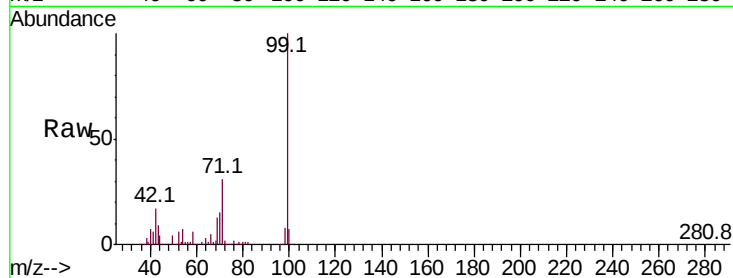
Tot Ion: 99 Resp: 686473

Ion Ratio Lower Upper

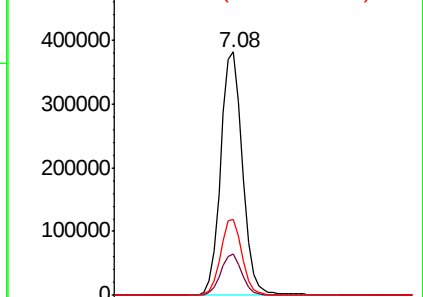
99 100

42 16.8 13.8 20.6

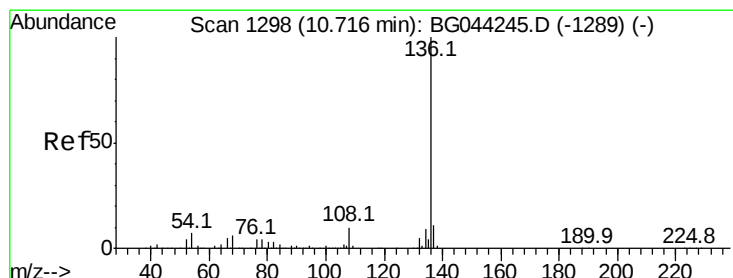
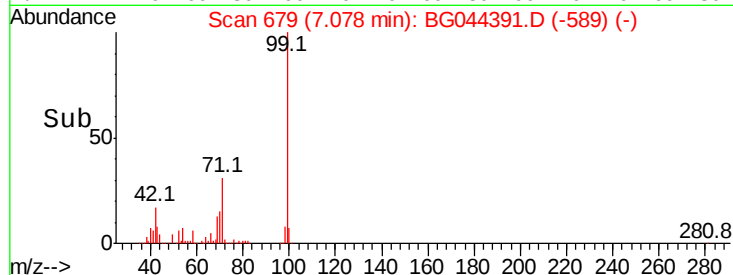
71 31.2 25.5 38.3



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.70 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BG044391.D

Acq: 11 Feb 2020 16:25

Tgt Ion: 136 Resp: 255585

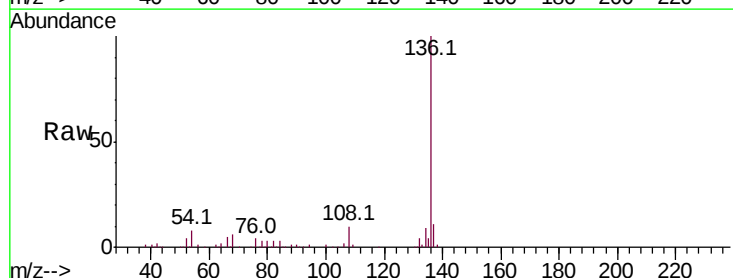
Ion Ratio Lower Upper

136 100

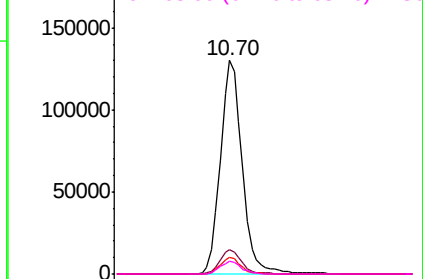
137 11.4 8.8 13.2

54 7.7 5.8 8.8

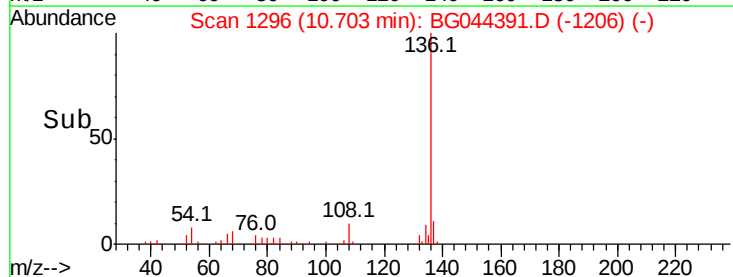
68 6.3 4.6 6.8



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

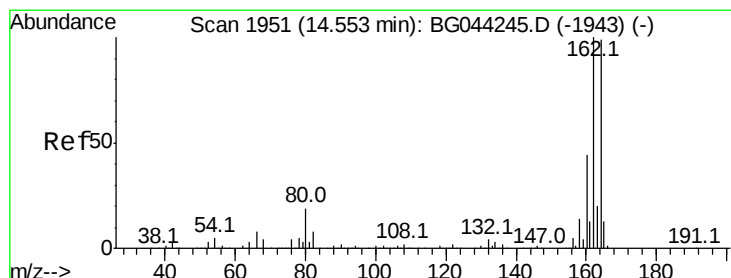
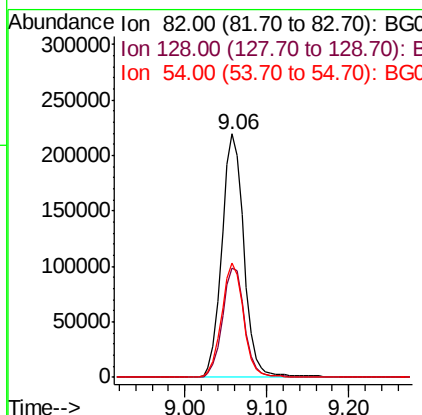
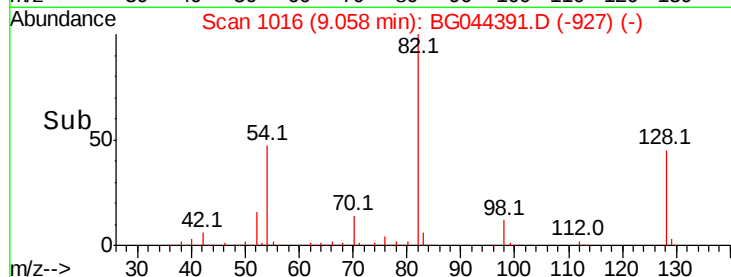
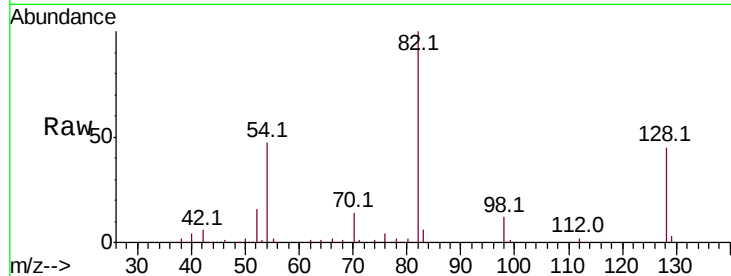




#23
Nitrobenzene-d5
Concen: 91.392 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG044391.D
Acq: 11 Feb 2020 16:25

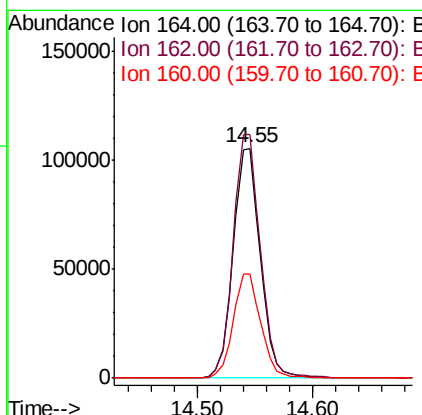
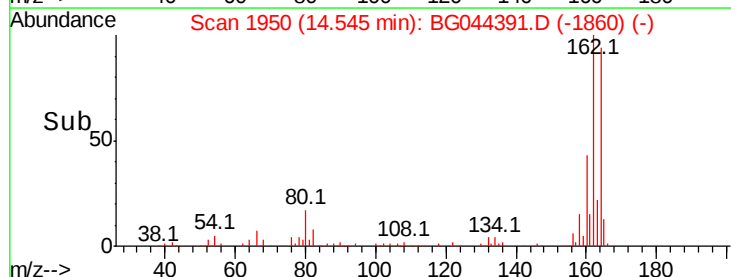
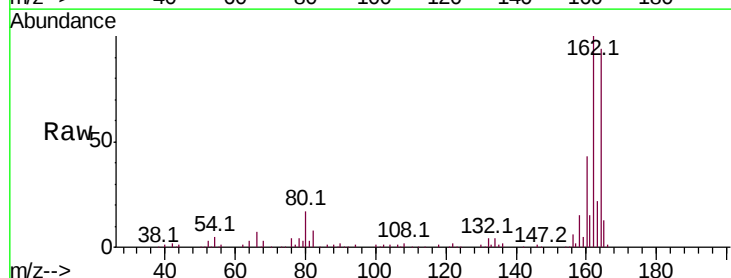
Instrument :
BNA_G
ClientSampleId :
PB126734BL

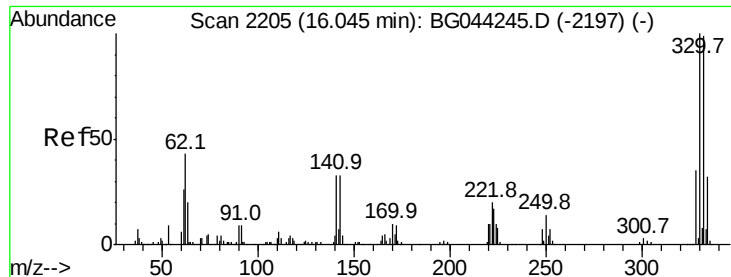
Tot Ion: 82 Resp: 413743
Ion Ratio Lower Upper
82 100
128 44.9 36.5 54.7
54 46.8 38.6 58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BG044391.D
Acq: 11 Feb 2020 16:25

Tgt Ion:164 Resp: 171224
Ion Ratio Lower Upper
164 100
162 105.9 80.7 121.1
160 45.3 35.3 52.9

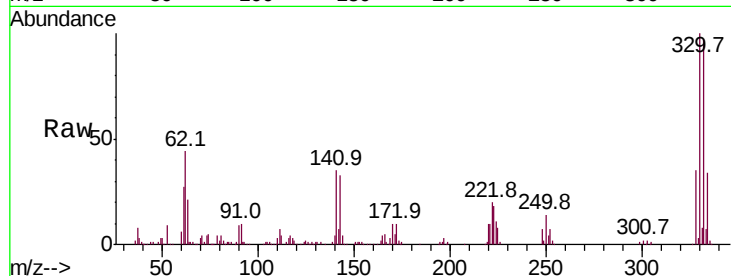




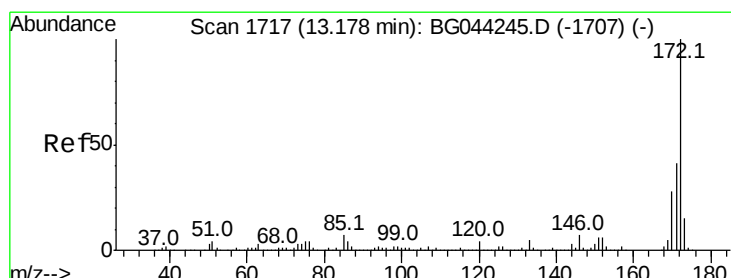
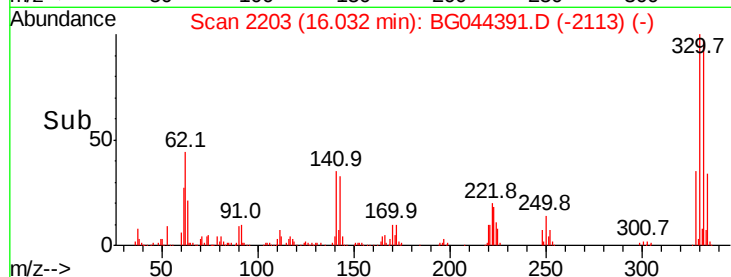
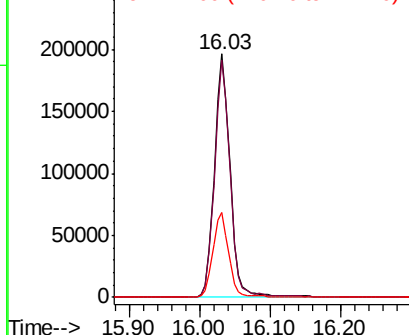
#42
 2,4,6-Tribromophenol
 Concen: 152.133 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BG044391.D
 Acq: 11 Feb 2020 16:25

Instrument :
 BNA_G
 ClientSampleID :
 PB126734BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.2	115.8
141	35.4	28.3	42.5

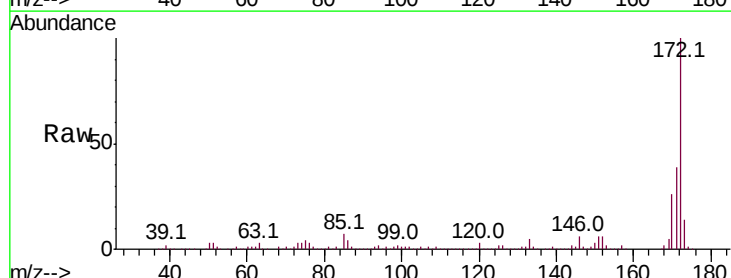


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

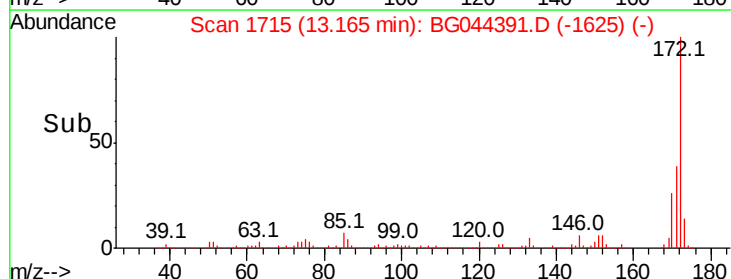
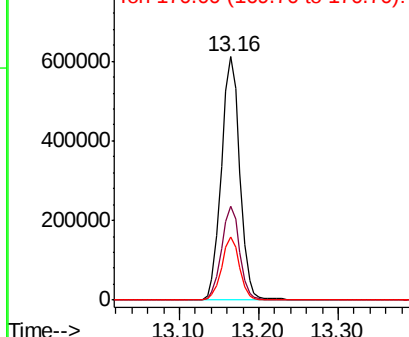


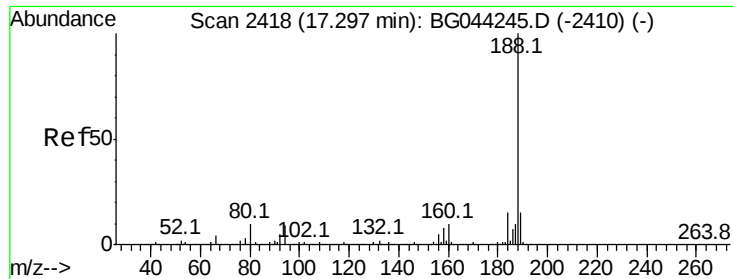
#45
 2-Fluorobiphenyl
 Concen: 96.429 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044391.D
 Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	32.9	49.3
170	25.7	22.0	33.0



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: 17.28 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BG044391.D

Acq: 11 Feb 2020 16:25

Instrument :

BNA_G

ClientSampleId :

PB126734BL

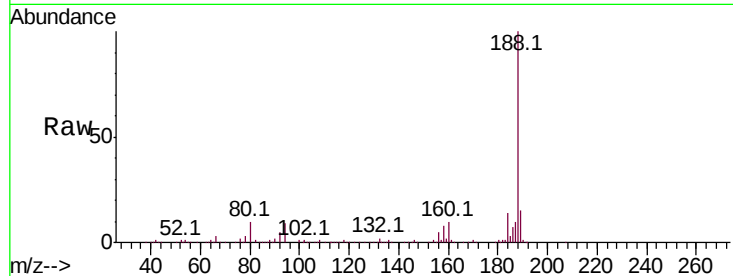
Tot Ion:188 Resp: 439275

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

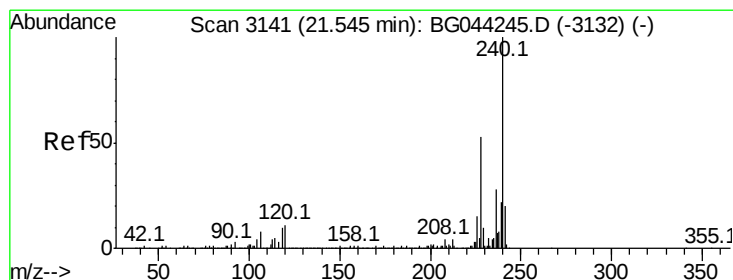
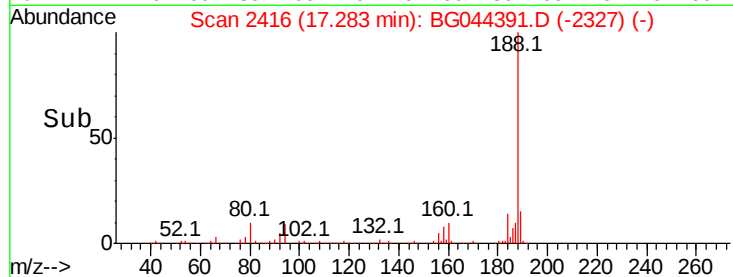
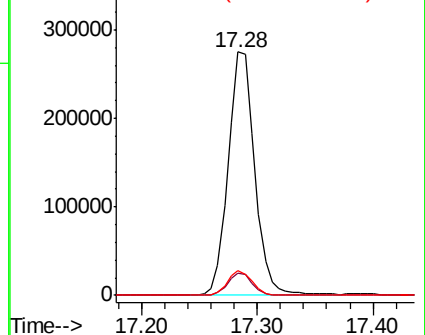
80 10.1 7.7 11.5



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: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG044391.D

Acq: 11 Feb 2020 16:25

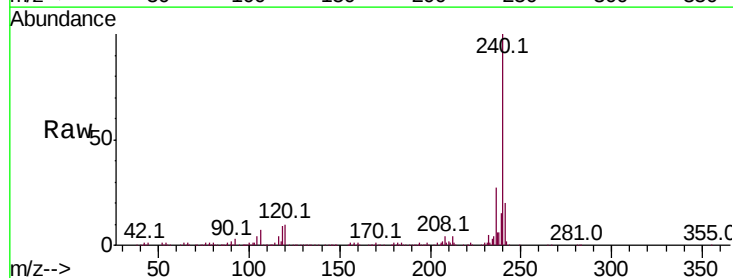
Tgt Ion:240 Resp: 453782

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

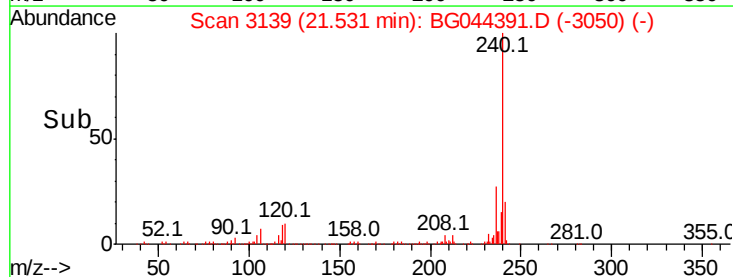
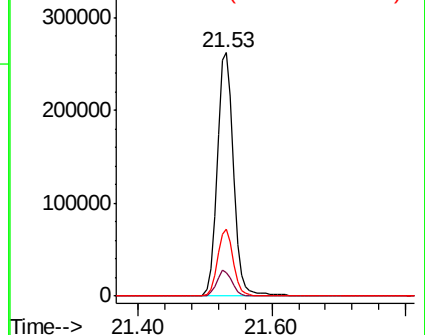
236 27.3 22.1 33.1

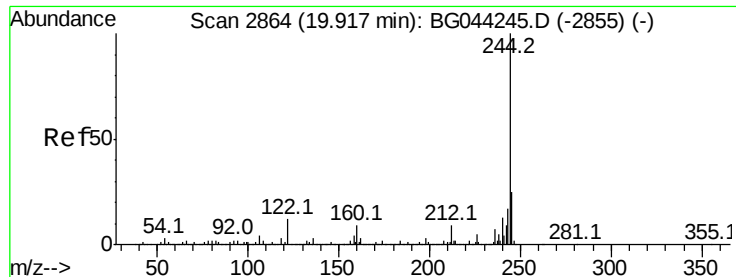


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.453 ng

RT: 19.90 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG044391.D

Acq: 11 Feb 2020 16:25

Instrument :

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ClientSampleId :

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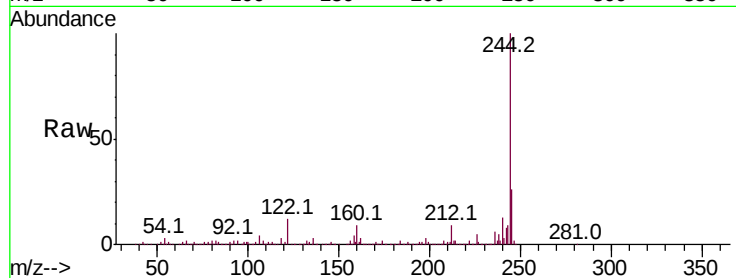
Tot Ion:244 Resp: 1885249

Ion Ratio Lower Upper

244 100

212 9.3 7.4 11.2

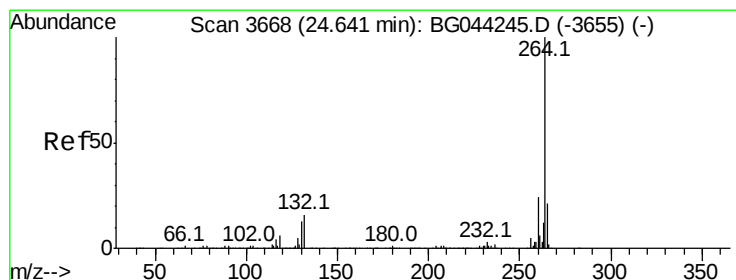
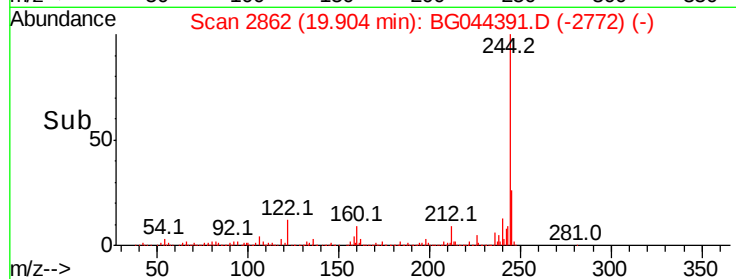
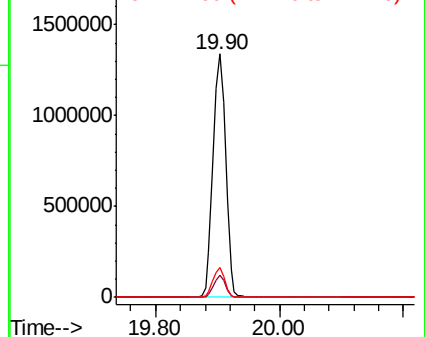
122 12.3 9.8 14.6



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: 24.62 min Scan# 3664

Delta R.T. -0.01 min

Lab File: BG044391.D

Acq: 11 Feb 2020 16:25

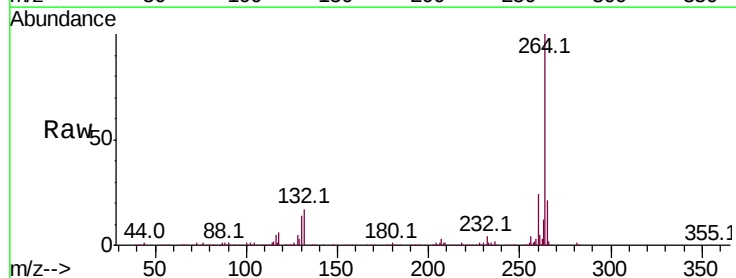
Tgt Ion:264 Resp: 463422

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 21.4 16.7 25.1



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

