

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\
 Data File : BG044255.D
 Acq On : 31 Jan 2020 11:37
 Operator : CG/JU
 Sample : PB126472BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126472BL

Quant Time: Jan 31 23:46:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	86732	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	337424	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	211373	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	488971	20.00	ng	0.00
76) Chrysene-d12	21.54	240	472408	20.00	ng	0.00
87) Perylene-d12	24.64	264	526429	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	734502	149.46	ng	0.00
7) Phenol-d6	7.09	99	923510	139.94	ng	0.00
23) Nitrobenzene-d5	9.07	82	565359	94.59	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	354561	142.89	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1255269	99.45	ng	0.00
79) Terphenyl-d14	19.91	244	2102759	91.55	ng	0.00

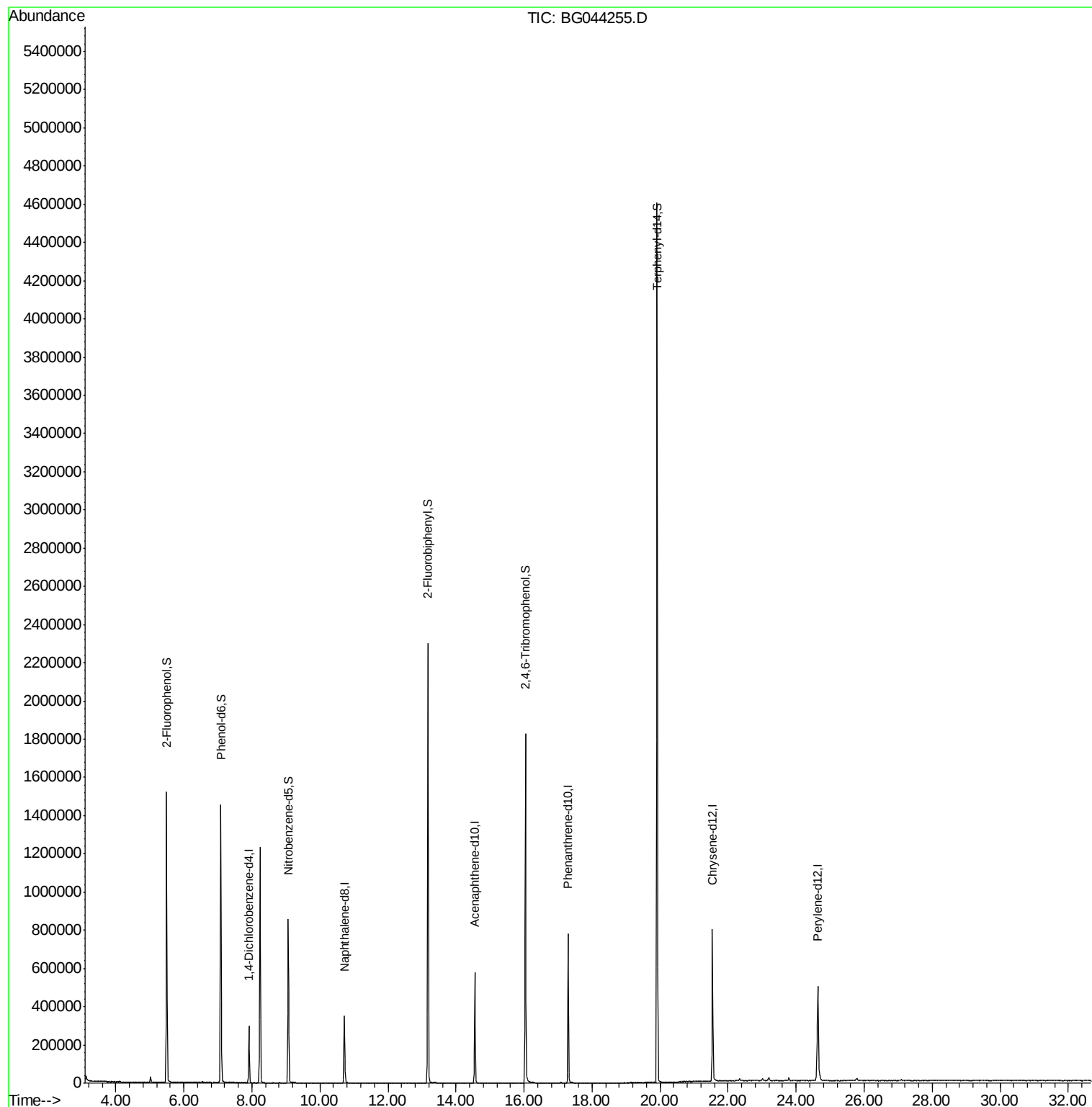
Target Compounds Qvalue

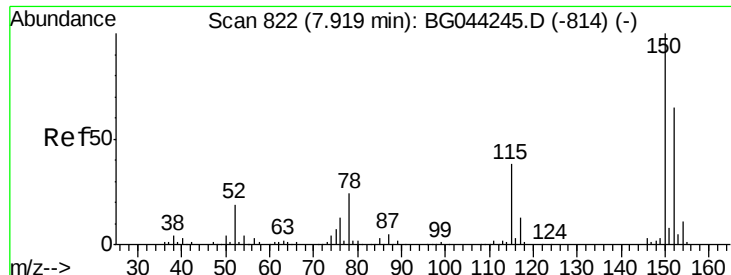
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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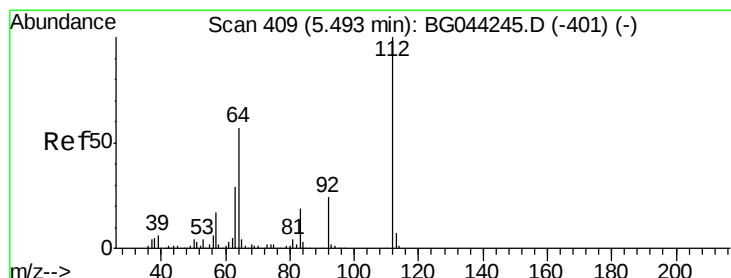
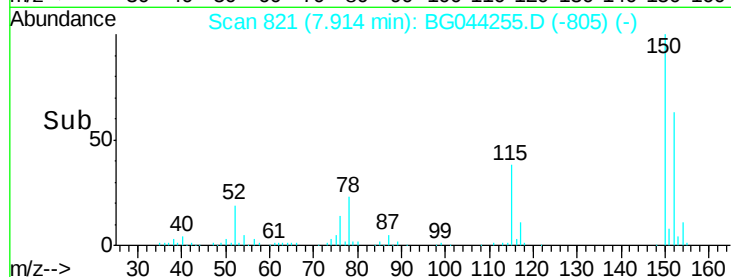
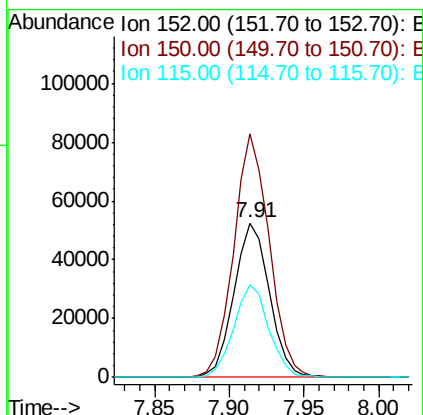
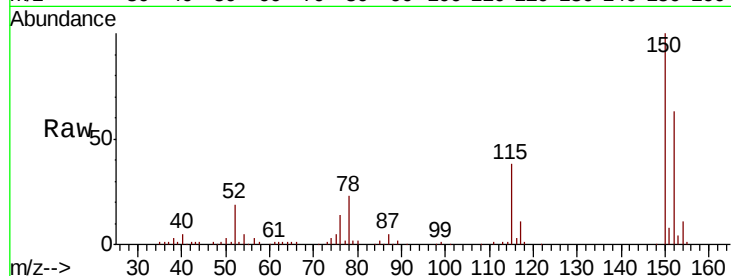


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044255.D
Acq: 31 Jan 2020 11:37

Instrument :
BNA_G
ClientSampleId :
PB126472BL

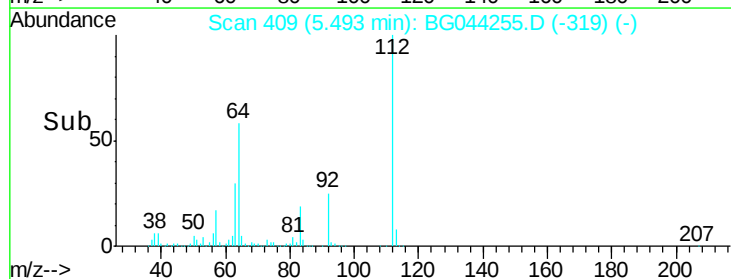
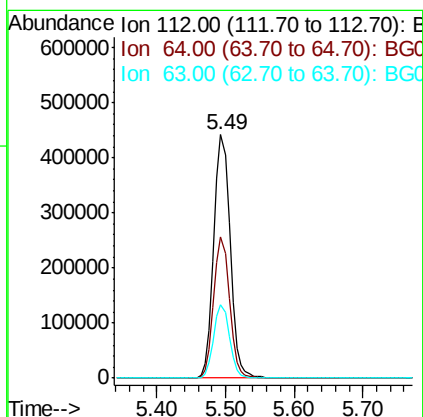
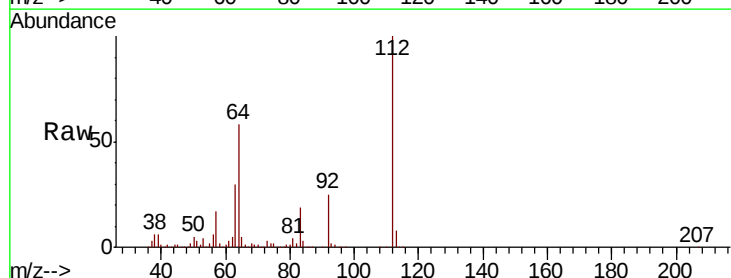
Tot Ion:152 Resp: 86732
Ion Ratio Lower Upper
152 100
150 157.7 122.6 183.8
115 60.1 46.0 69.0



#5

2-Fluorophenol
Concen: 149.458 ng
RT: 5.49 min Scan# 409
Delta R.T. 0.00 min
Lab File: BG044255.D
Acq: 31 Jan 2020 11:37

Tgt Ion:112 Resp: 734502
Ion Ratio Lower Upper
112 100
64 57.9 45.4 68.2
63 30.1 22.9 34.3





#7

Phenol-d6

Concen: 139.940 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

Instrument :

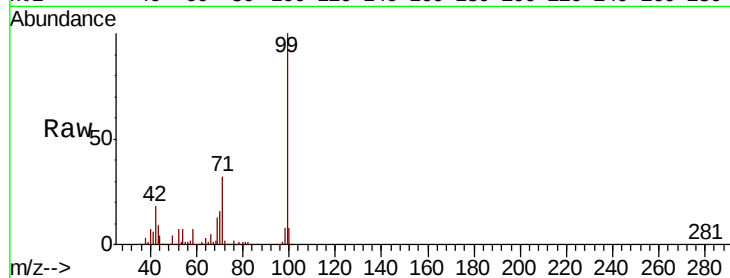
BNA_G

ClientSampleId :

PB126472BL

Tot Ion: 99 Resp: 923510

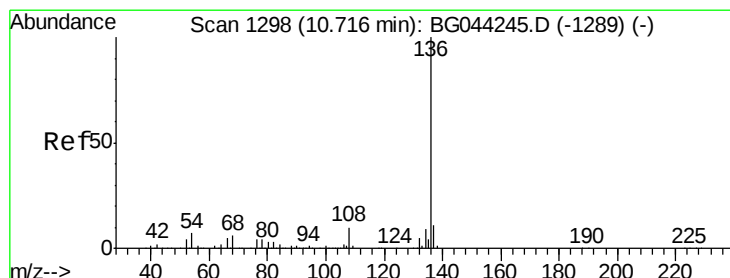
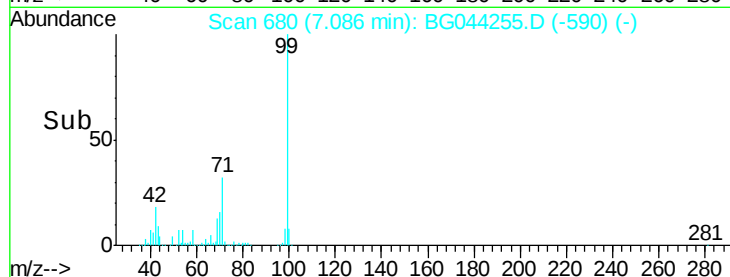
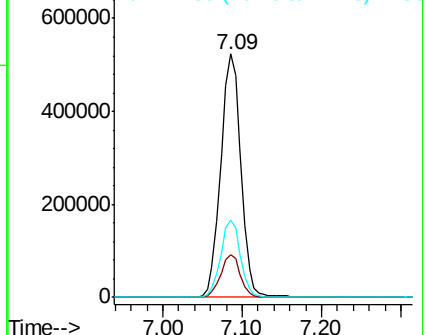
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.8	20.6
71	31.8	25.5	38.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

Tgt Ion: 136 Resp: 337424

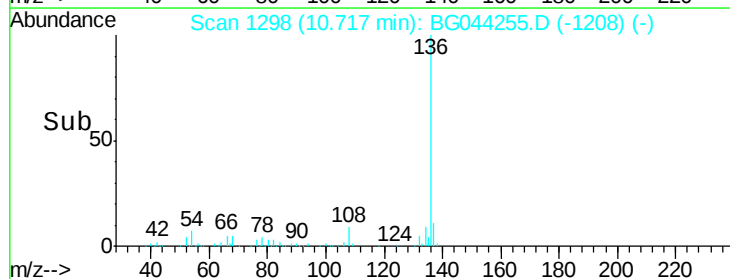
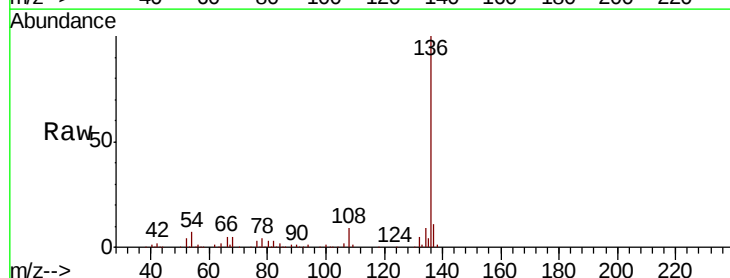
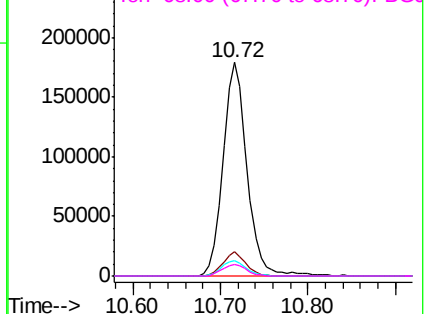
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.2	5.8	8.8
68	5.2	4.6	6.8

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

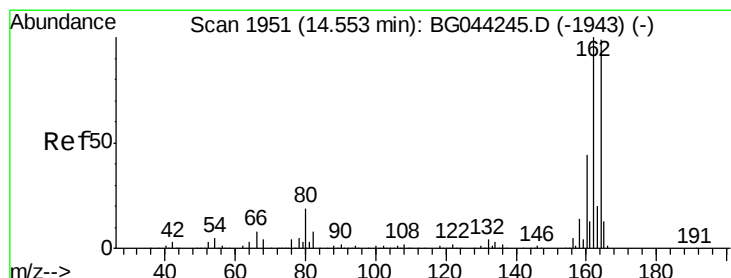
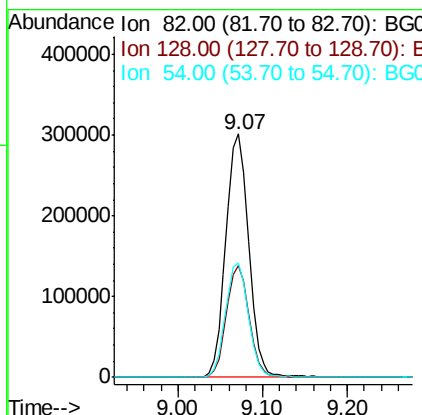
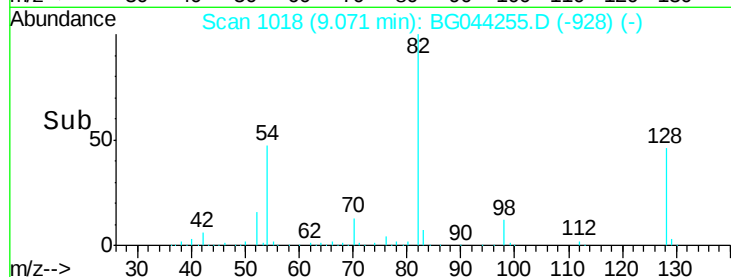
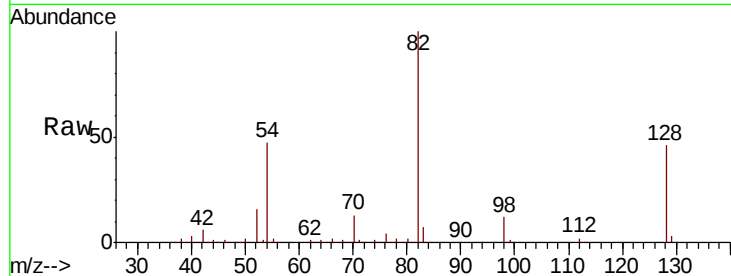




#23
Nitrobenzene-d5
Concen: 94.593 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BG044255.D
Acq: 31 Jan 2020 11:37

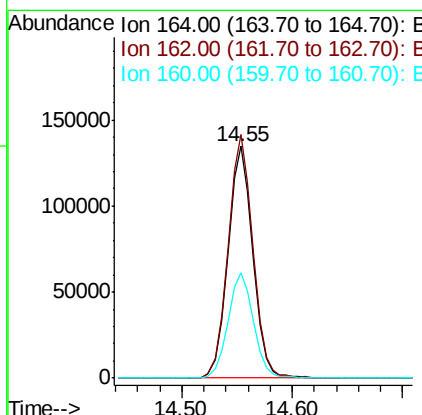
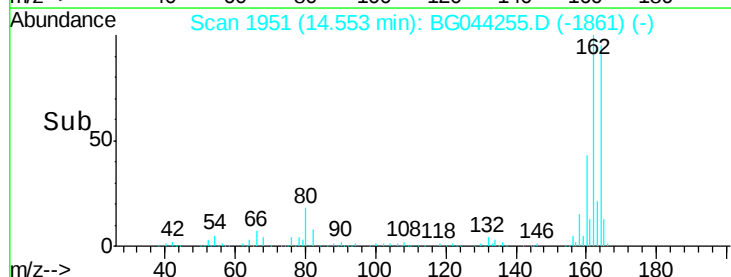
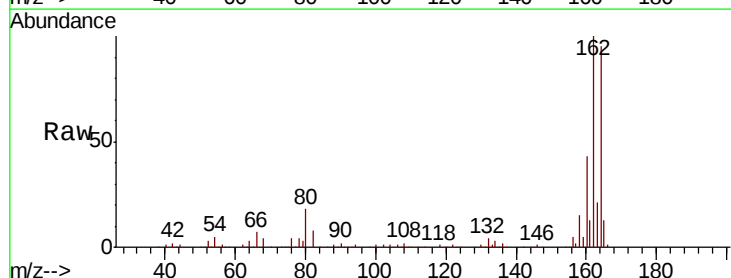
Instrument :
BNA_G
ClientSampleId :
PB126472BL

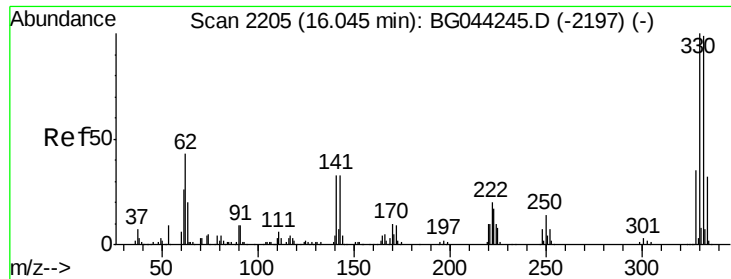
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.5	54.7
54	46.9	38.6	58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG044255.D
Acq: 31 Jan 2020 11:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	80.7	121.1
160	45.4	35.3	52.9

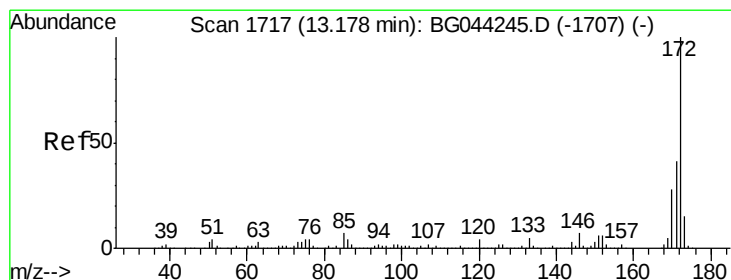
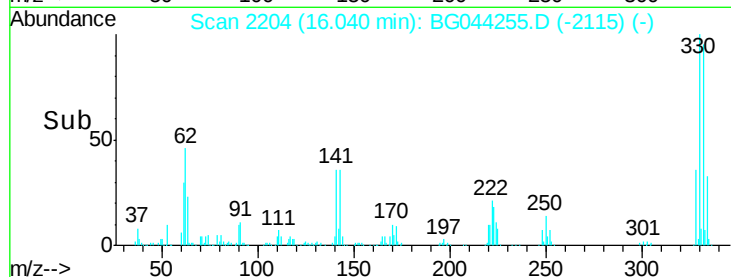
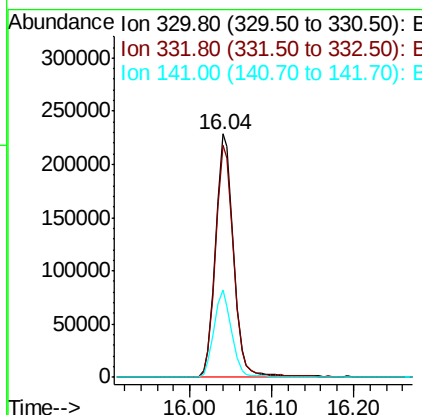
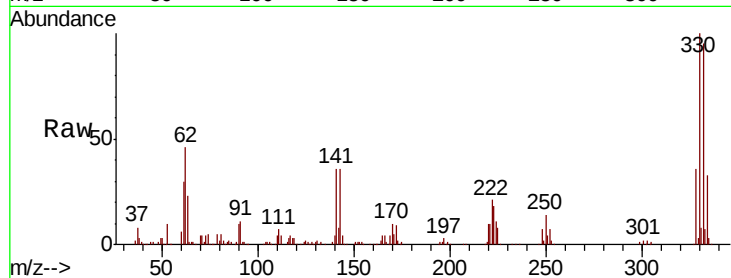




#42
 2,4,6-Tribromophenol
 Concen: 142.888 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG044255.D
 Acq: 31 Jan 2020 11:37

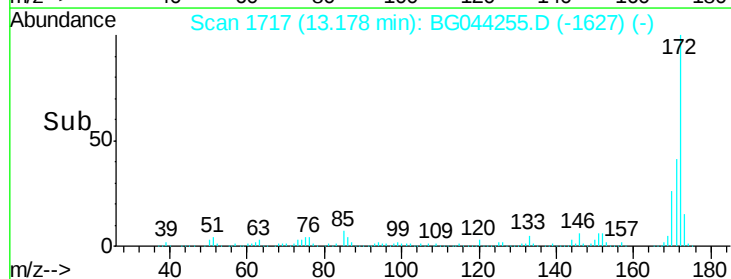
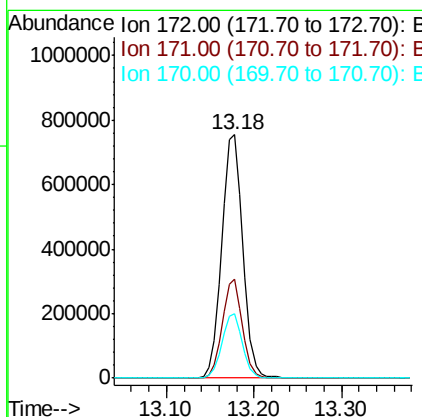
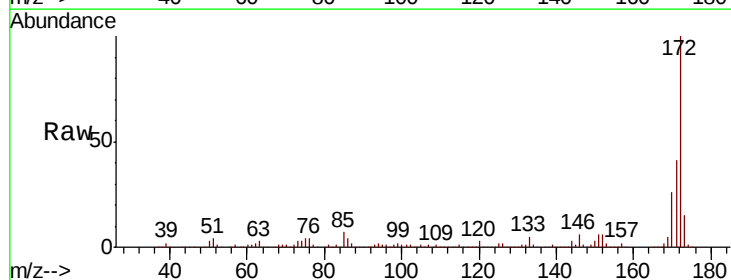
Instrument :
 BNA_G
 ClientSampleId :
 PB126472BL

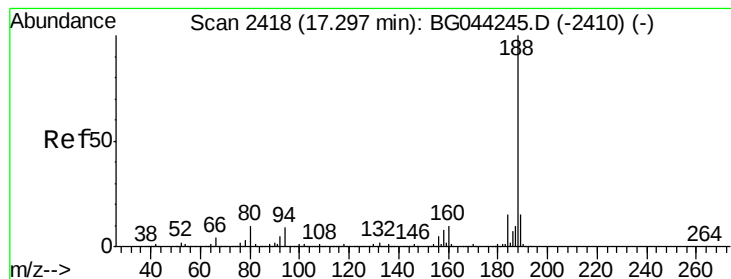
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.2	115.8
141	35.1	28.3	42.5



#45
 2-Fluorobiphenyl
 Concen: 99.446 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG044255.D
 Acq: 31 Jan 2020 11:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.6	32.9	49.3
170	26.3	22.0	33.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

Instrument :

BNA_G

ClientSampleId :

PB126472BL

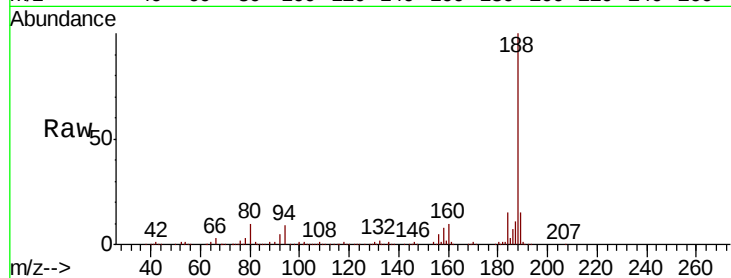
Tot Ion:188 Resp: 488971

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

80 9.7 7.7 11.5

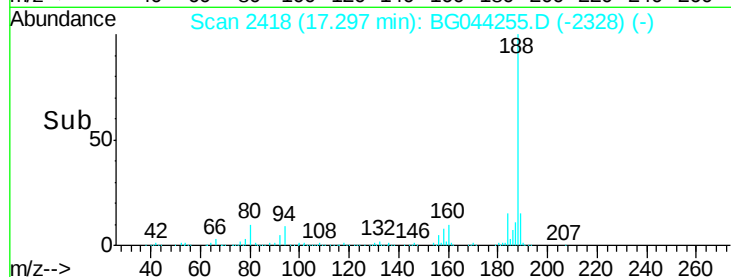


Abundance Ion 188.00 (187.70 to 188.70): E

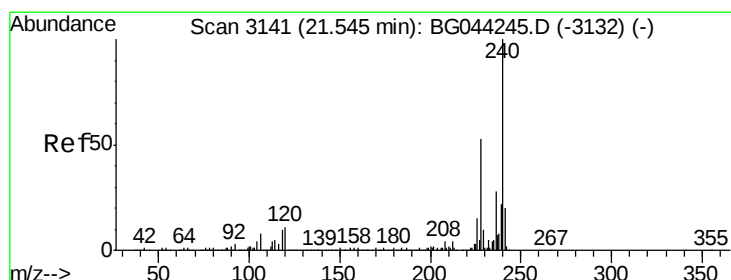
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time--> 17.20 17.30 17.40



Time--> 17.20 17.30 17.40



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

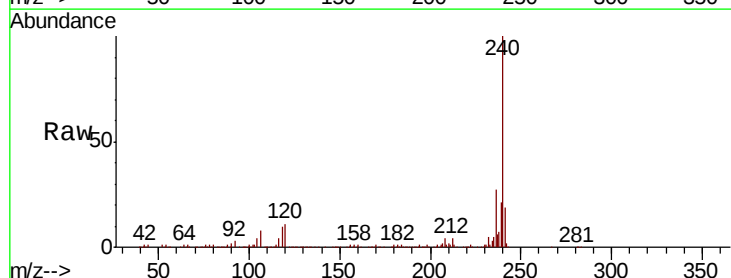
Tgt Ion:240 Resp: 472408

Ion Ratio Lower Upper

240 100

120 11.3 8.4 12.6

236 26.9 22.1 33.1

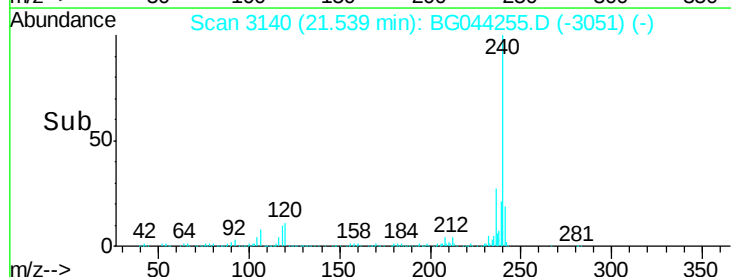


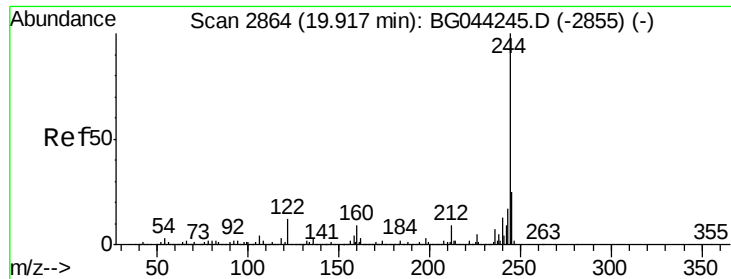
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time--> 21.40 21.50 21.60 21.70





#79

Terphenyl-d14

Concen: 91.554 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

Instrument :

BNA_G

ClientSampleId :

PB126472BL

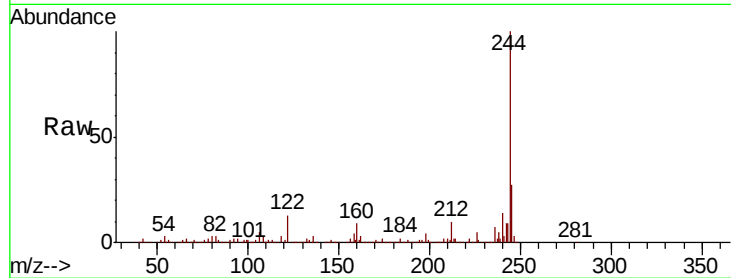
Tot Ion:244 Resp: 2102759

Ion Ratio Lower Upper

244 100

212 9.6 7.4 11.2

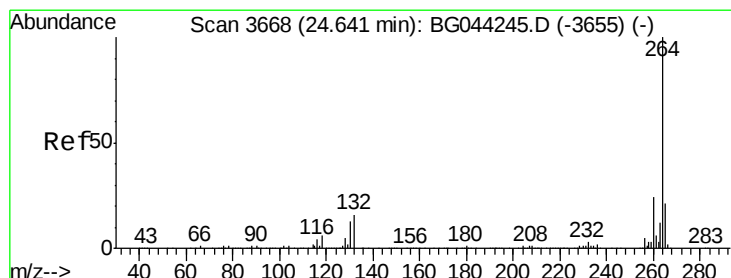
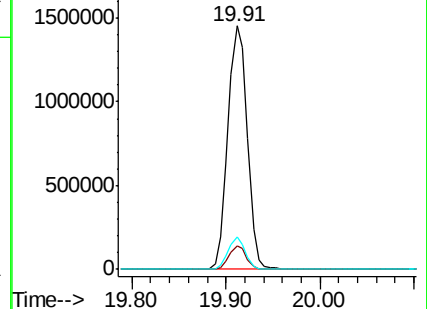
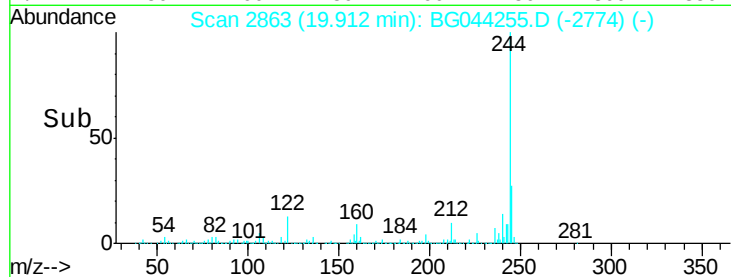
122 13.3 9.8 14.6



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: 24.64 min Scan# 3667

Delta R.T. -0.01 min

Lab File: BG044255.D

Acq: 31 Jan 2020 11:37

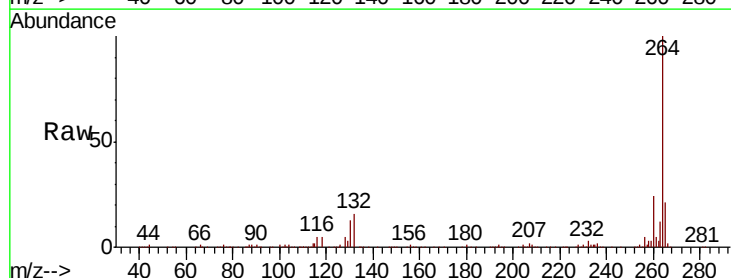
Tgt Ion:264 Resp: 526429

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.0 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

