

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
 Data File : BG044471.D
 Acq On : 18 Feb 2020 14:04
 Operator : CG/JU
 Sample : PB126850BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126850BL

Quant Time: Feb 18 15:09:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 14:58:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	59633	20.00	ng	0.00
21) Naphthalene-d8	10.69	136	228705	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	138387	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	324250	20.00	ng	0.00
76) Chrysene-d12	21.52	240	361634	20.00	ng	0.00
87) Perylene-d12	24.60	264	380828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	525767	155.60	ng	0.00
7) Phenol-d6	7.07	99	656481	144.68	ng	0.00
23) Nitrobenzene-d5	9.05	82	393027	97.02	ng	0.00
42) 2,4,6-Tribromophenol	16.02	330	274000	168.66	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	864161	104.57	ng	0.00
79) Terphenyl-d14	19.89	244	1621137	92.21	ng	0.00

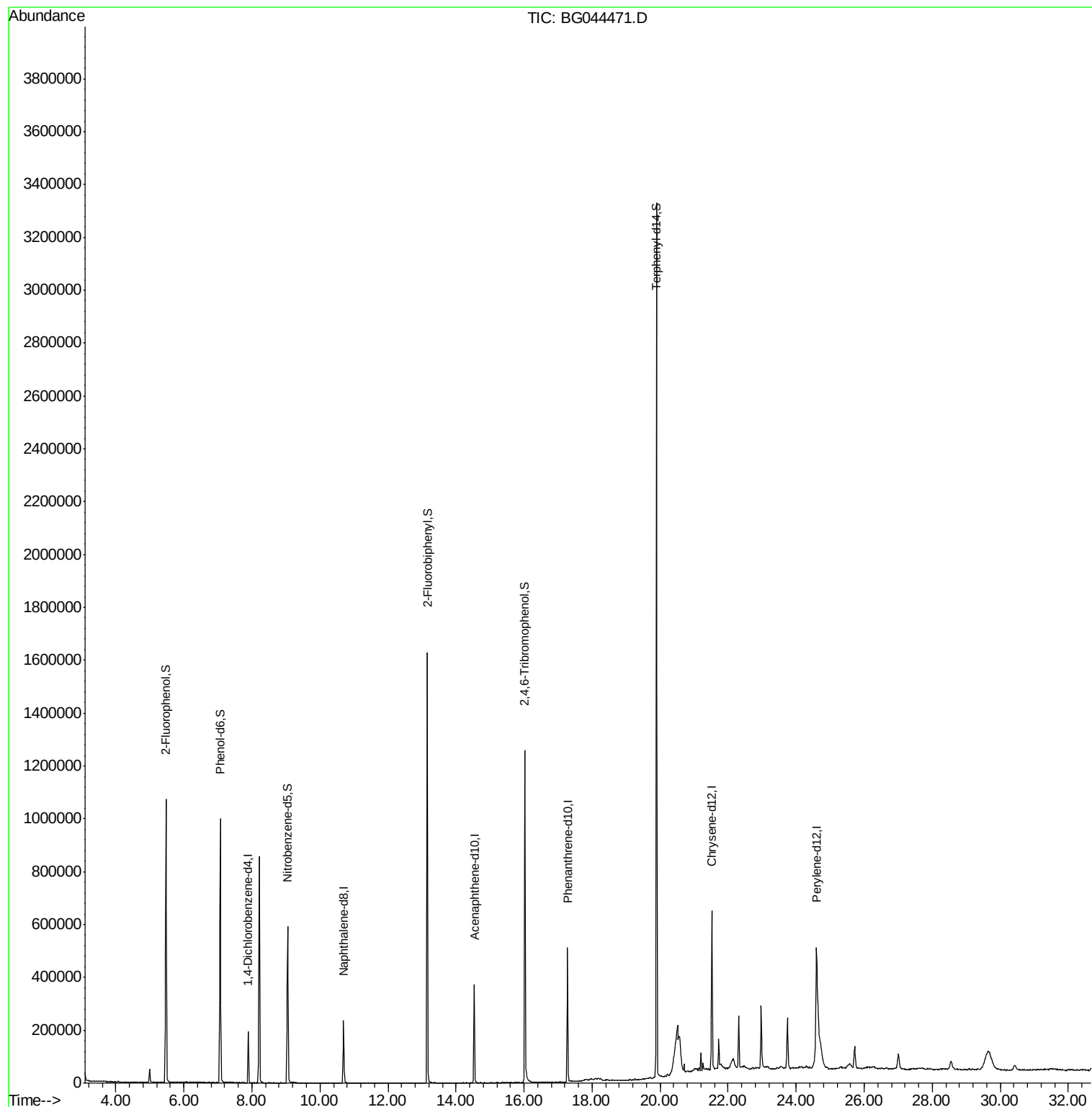
Target Compounds Qvalue

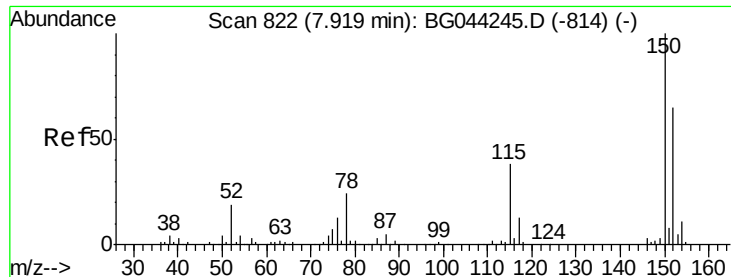
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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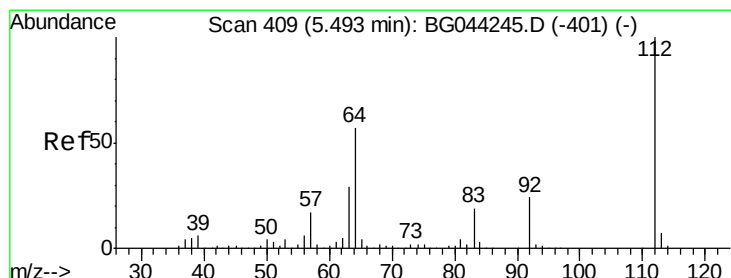
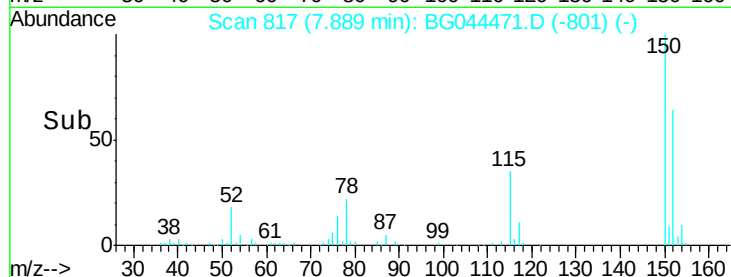
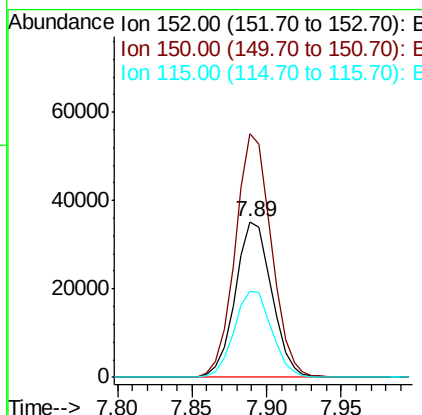
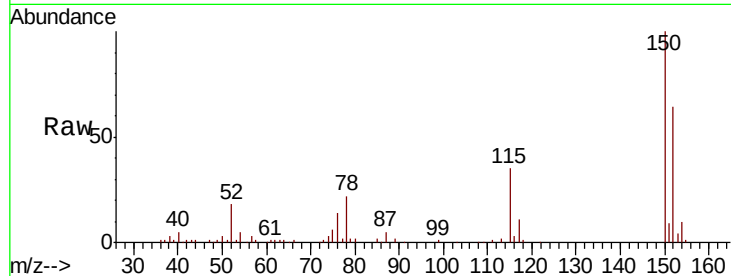


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG044471.D
Acq: 18 Feb 2020 14:04

Instrument :
BNA_G
ClientSampleId :
PB126850BL

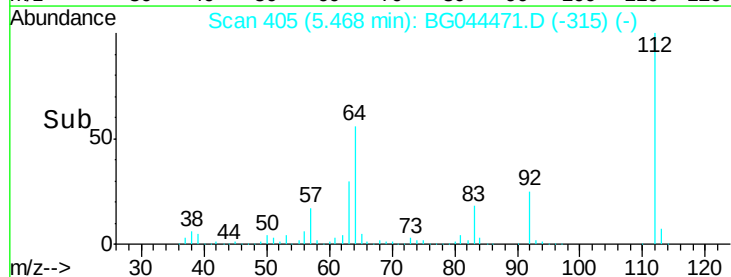
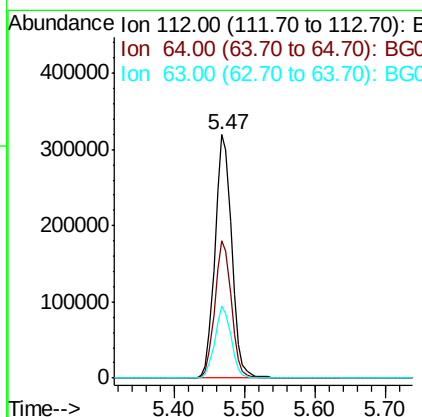
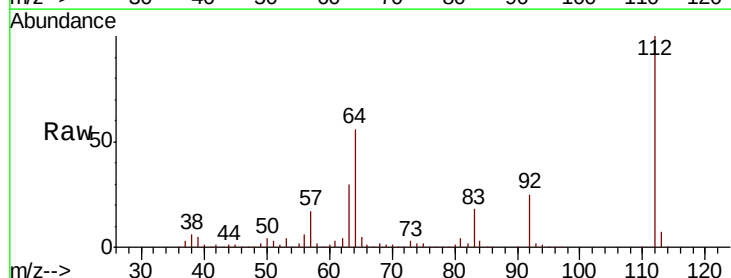
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	122.6	183.8
115	55.0	46.0	69.0

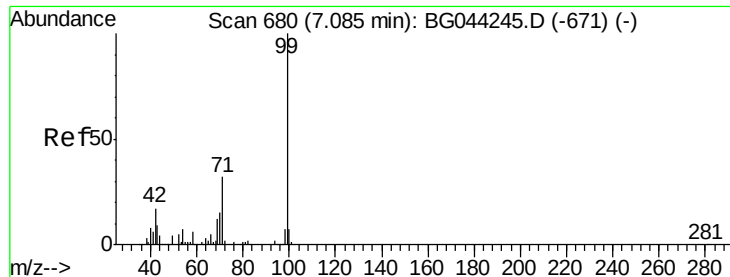


#5

2-Fluorophenol
Concen: 155.601 ng
RT: 5.47 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG044471.D
Acq: 18 Feb 2020 14:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	45.4	68.2
63	29.6	22.9	34.3





#7

Phenol-d6

Concen: 144.682 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG044471.D

Acq: 18 Feb 2020 14:04

Instrument :

BNA_G

ClientSampleId :

PB126850BL

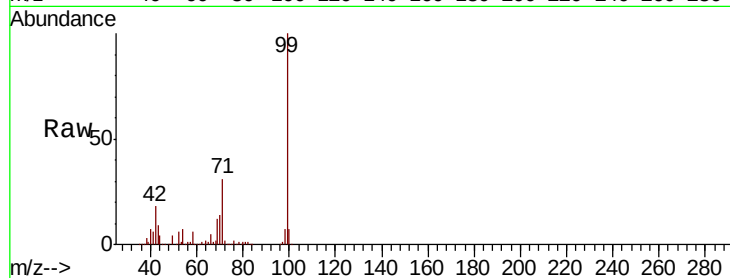
Tot Ion: 99 Resp: 656481

Ion Ratio Lower Upper

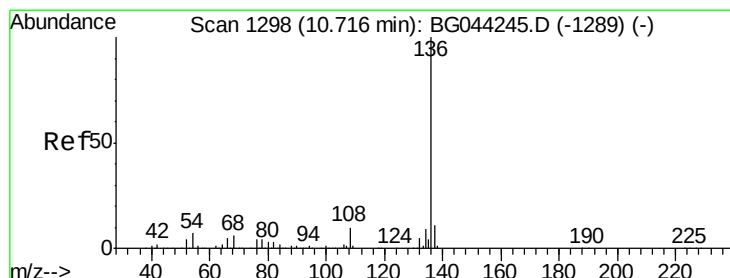
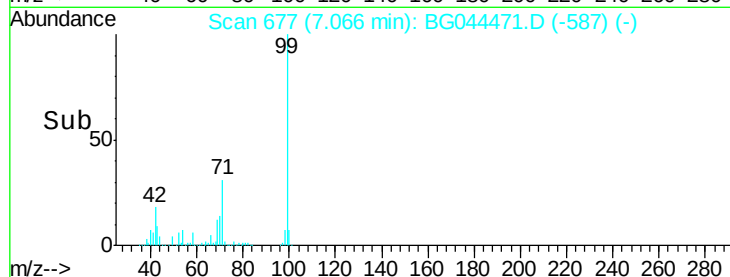
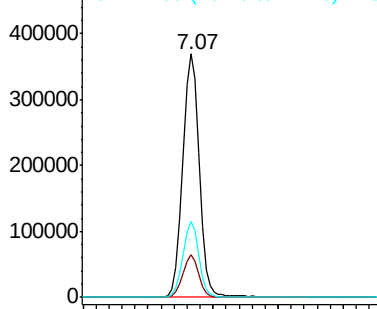
99 100

42 17.5 13.8 20.6

71 31.1 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: 10.69 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BG044471.D

Acq: 18 Feb 2020 14:04

Tgt Ion: 136 Resp: 228705

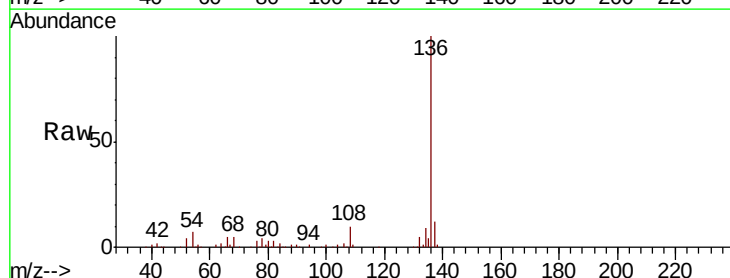
Ion Ratio Lower Upper

136 100

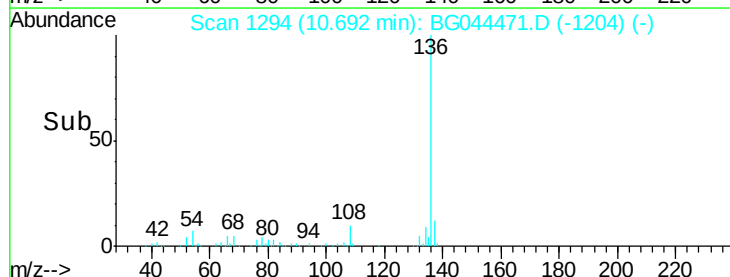
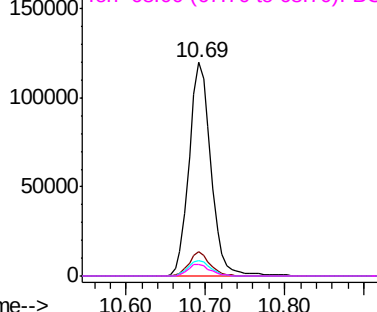
137 11.7 8.8 13.2

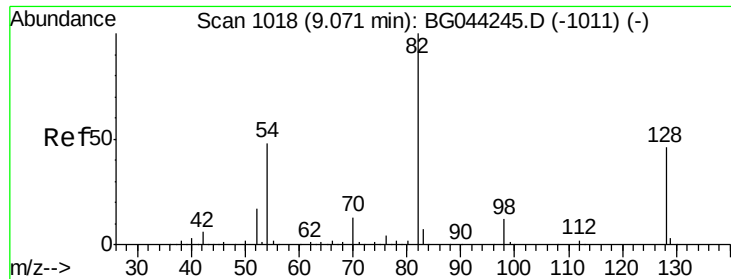
54 7.2 5.8 8.8

68 5.4 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

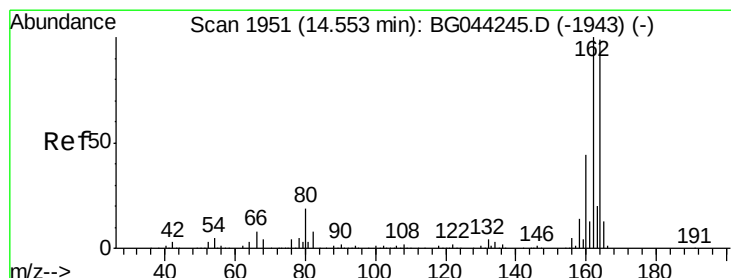
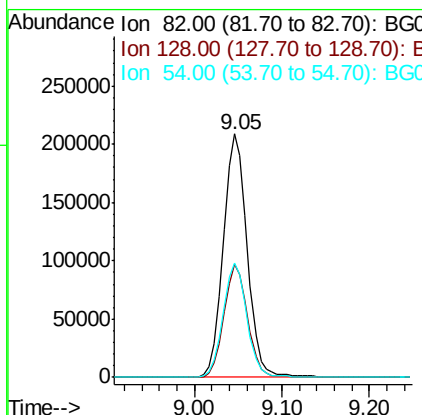
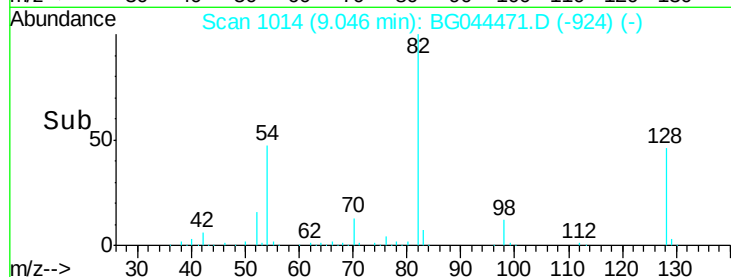
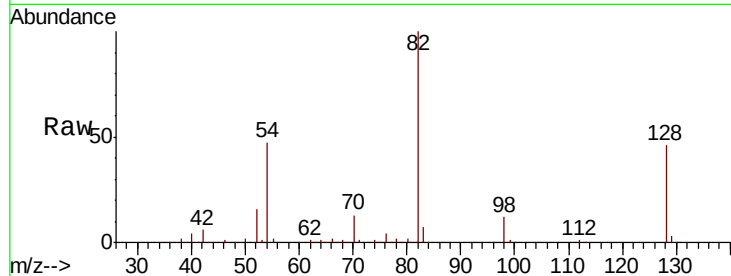




#23
Nitrobenzene-d5
Concen: 97.020 ng
RT: 9.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BG044471.D
Acq: 18 Feb 2020 14:04

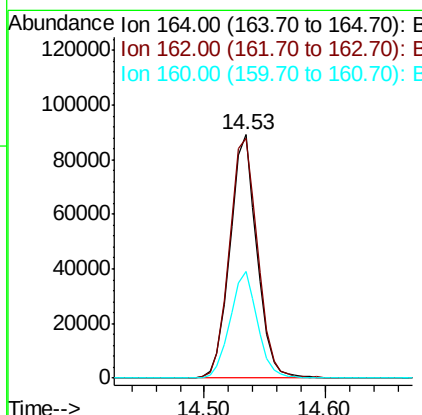
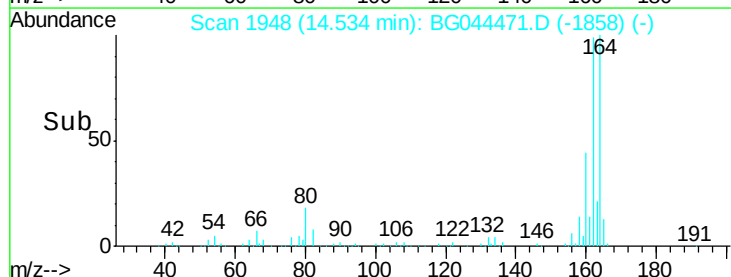
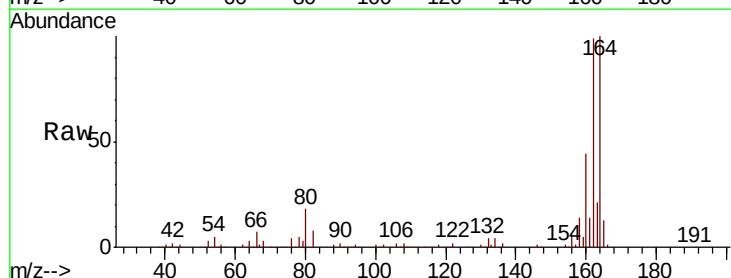
Instrument :
BNA_G
ClientSampled :
PB126850BL

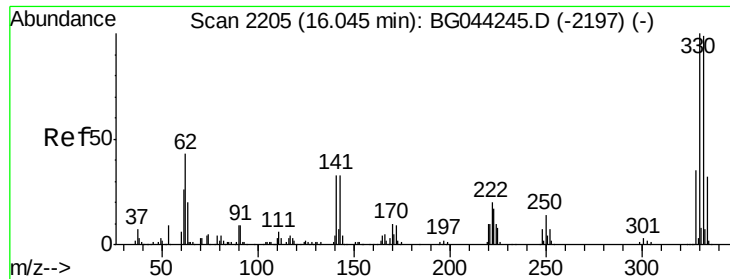
Tot Ion: 82 Resp: 393027
Ion Ratio Lower Upper
82 100
128 46.3 36.5 54.7
54 47.0 38.6 58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BG044471.D
Acq: 18 Feb 2020 14:04

Tgt Ion:164 Resp: 138387
Ion Ratio Lower Upper
164 100
162 98.6 80.7 121.1
160 43.9 35.3 52.9

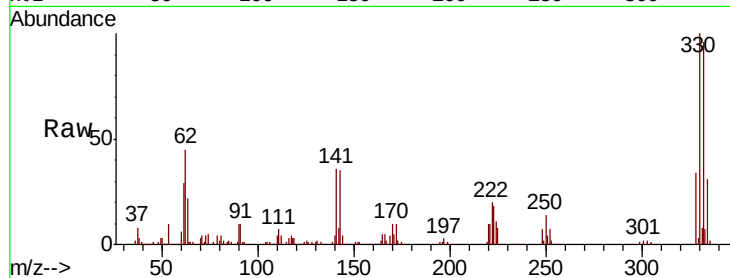




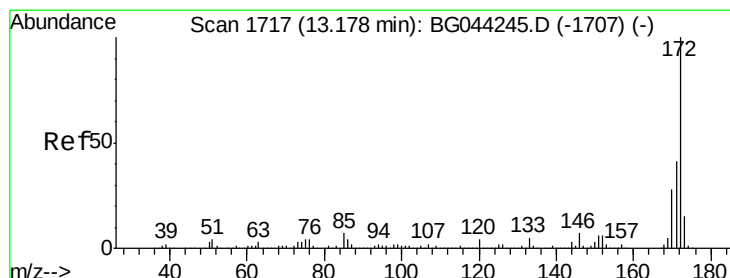
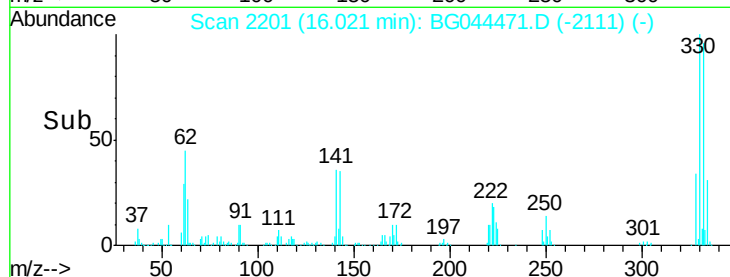
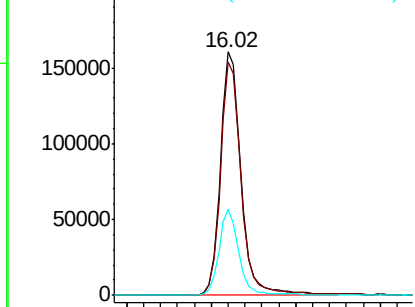
#42
 2,4,6-Tribromophenol
 Concen: 168.659 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BG044471.D
 Acq: 18 Feb 2020 14:04

Instrument :
 BNA_G
 ClientSampleId :
 PB126850BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.2	115.8
141	34.6	28.3	42.5

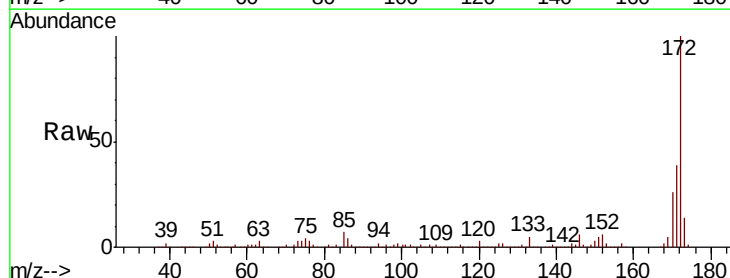


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

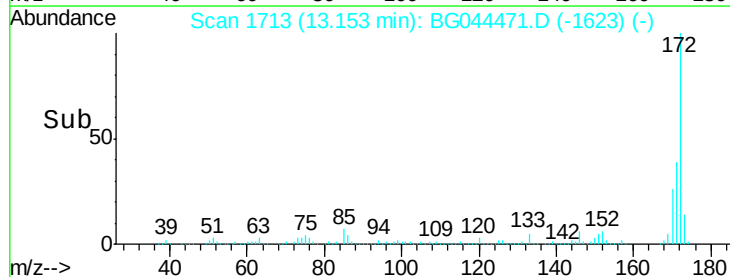
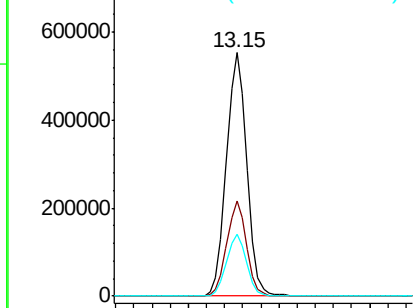


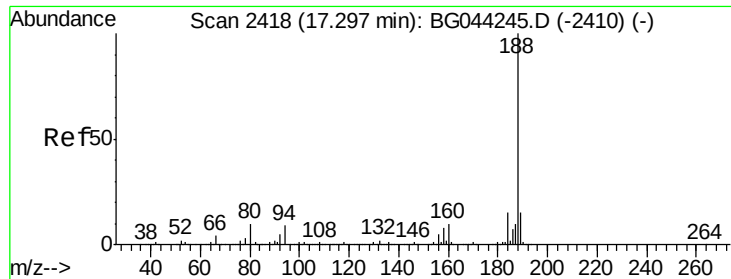
#45
 2-Fluorobiphenyl
 Concen: 104.568 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. 0.00 min
 Lab File: BG044471.D
 Acq: 18 Feb 2020 14:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	32.9	49.3
170	25.6	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

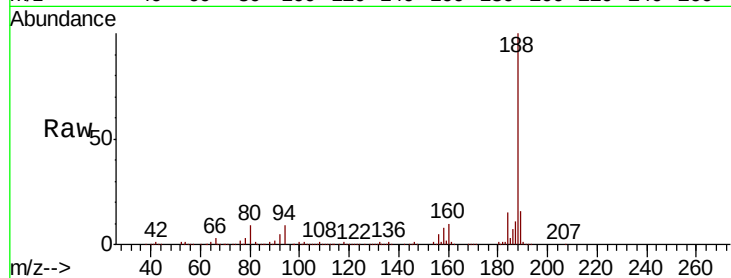




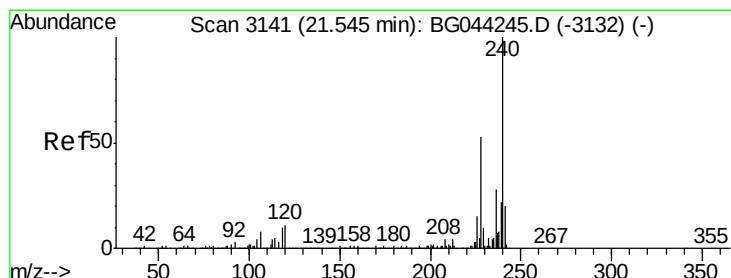
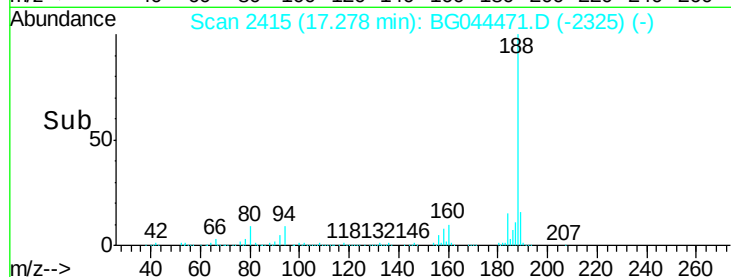
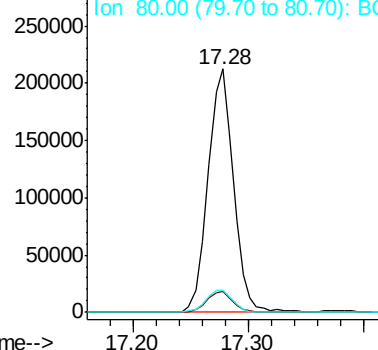
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BG044471.D
Acq: 18 Feb 2020 14:04

Instrument :
BNA_G
ClientSampleId :
PB126850BL

Tot Ion:188 Resp: 324250
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.2 7.7 11.5

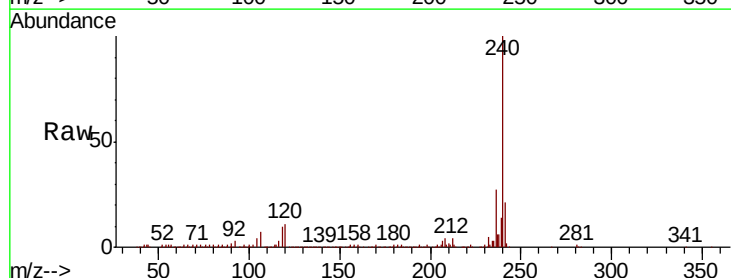


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

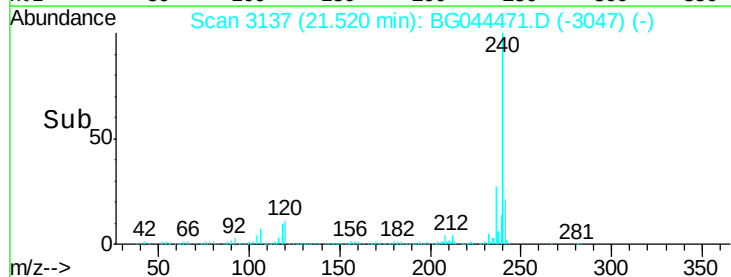
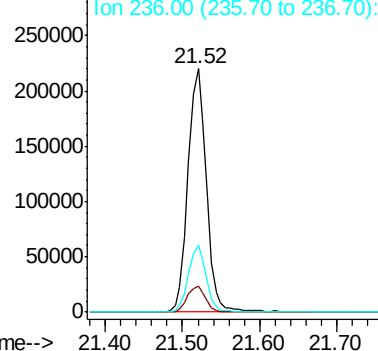


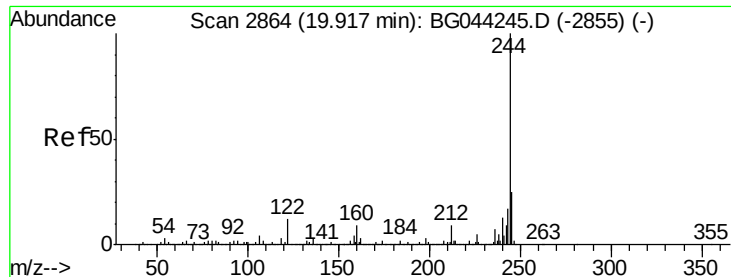
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BG044471.D
Acq: 18 Feb 2020 14:04

Tgt Ion:240 Resp: 361634
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 27.4 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: 92.206 ng

RT: 19.89 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BG044471.D

Acq: 18 Feb 2020 14:04

Instrument :

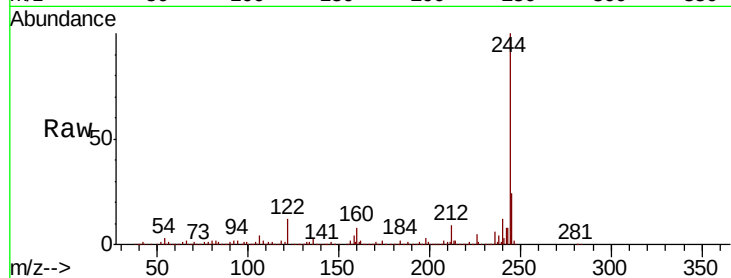
BNA_G

ClientSampleId :

PB126850BL

Tot Ion:244 Resp: 1621137

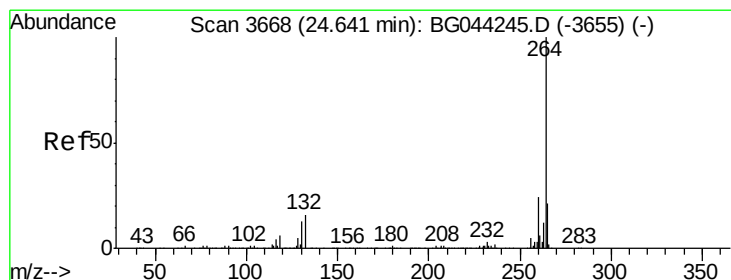
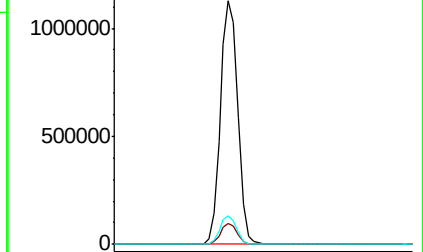
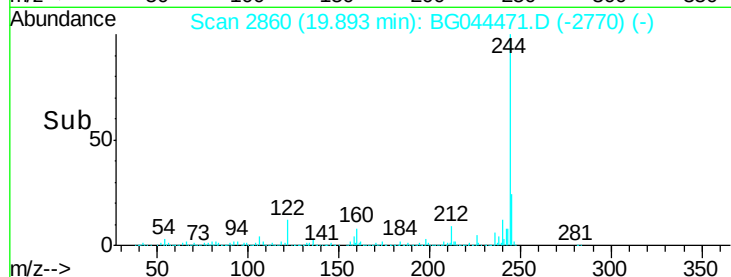
Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.2
122	11.7	9.8	14.6



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: 24.60 min Scan# 3661

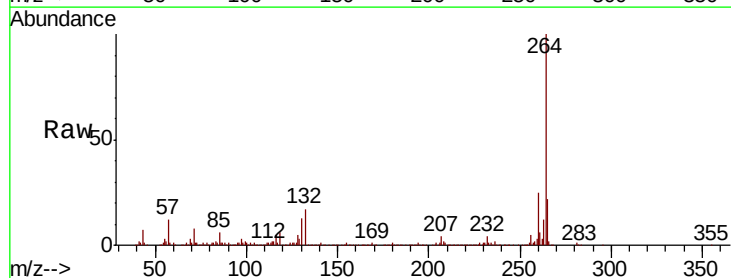
Delta R.T. 0.00 min

Lab File: BG044471.D

Acq: 18 Feb 2020 14:04

Tgt Ion:264 Resp: 380828

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.5	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

