

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021120\
 Data File : BG044389.D
 Acq On : 11 Feb 2020 15:07
 Operator : CG/JU
 Sample : PB126698BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126698BL

Quant Time: Feb 12 03:24:22 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	83946	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	326113	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	211241	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	498586	20.00	ng	0.00
76) Chrysene-d12	21.53	240	502708	20.00	ng	0.00
87) Perylene-d12	24.62	264	518751	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	265040	55.72	ng	0.00
7) Phenol-d6	7.07	99	198709	31.11	ng	0.00
23) Nitrobenzene-d5	9.06	82	520905	90.18	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	361808	145.90	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1178685	93.44	ng	0.00
79) Terphenyl-d14	19.90	244	2008052	82.16	ng	0.00

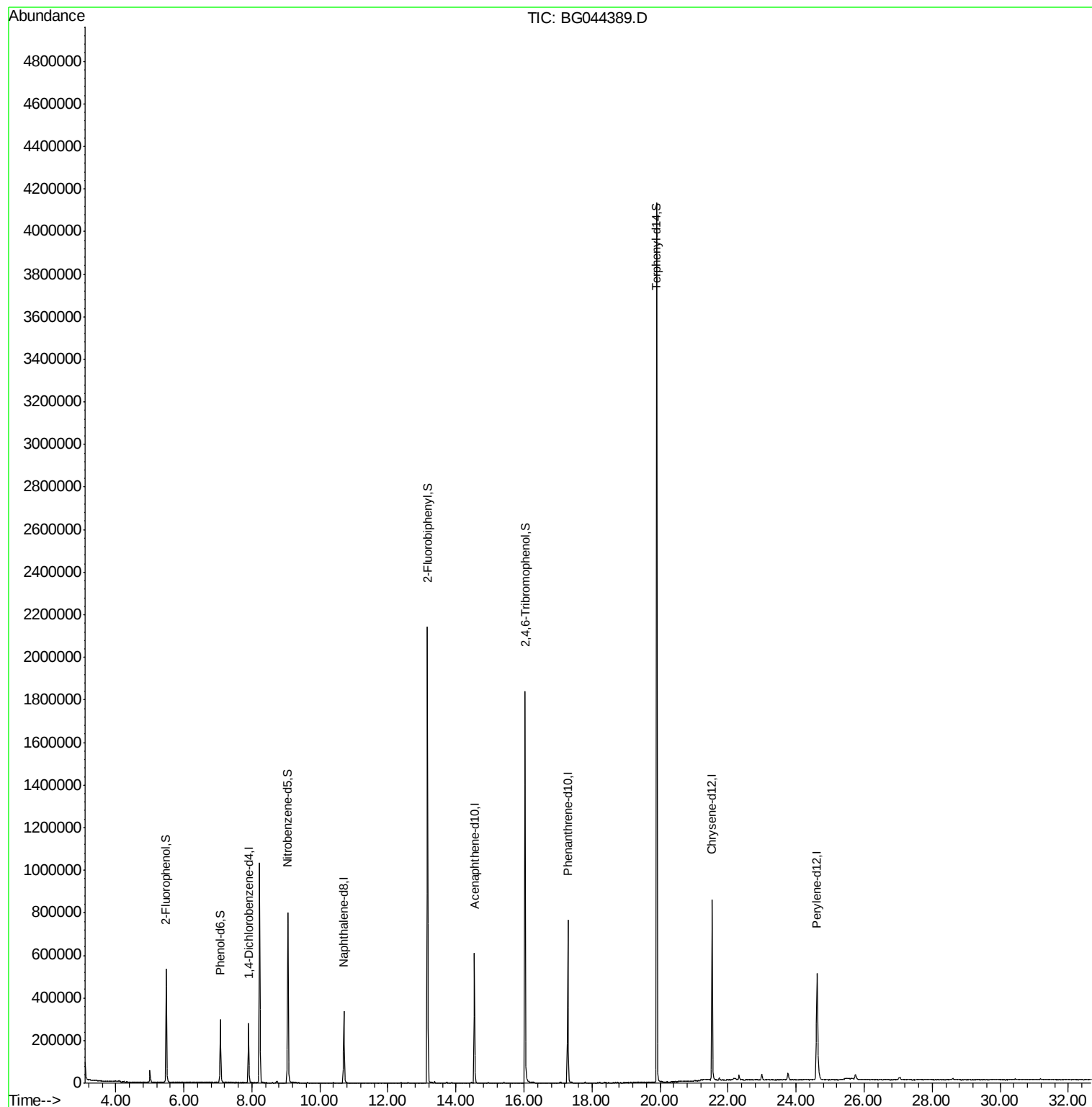
Target Compounds Qvalue

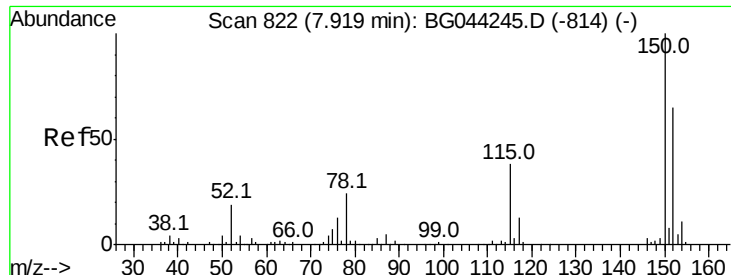
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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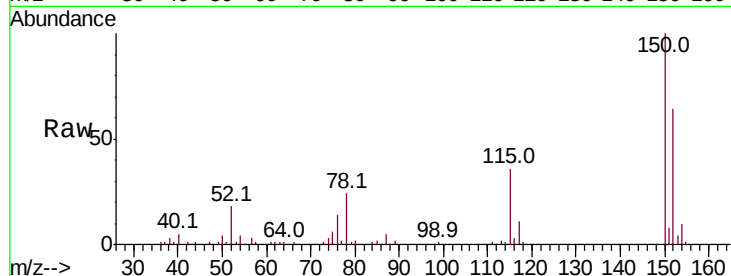


#1

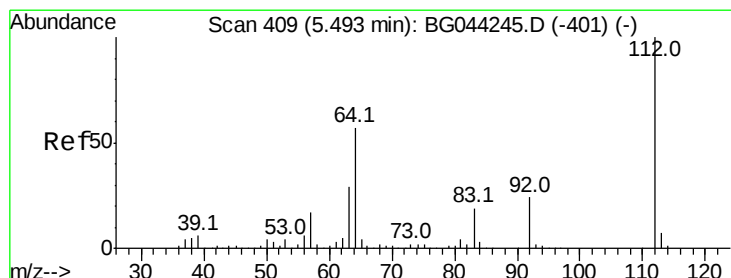
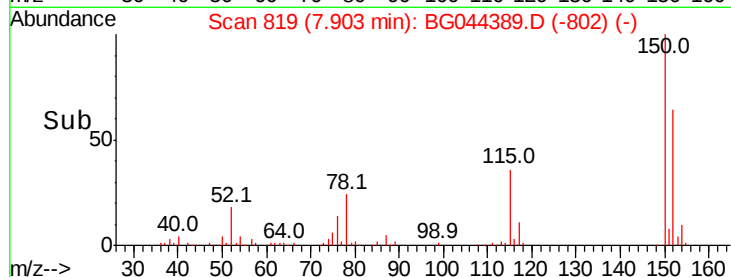
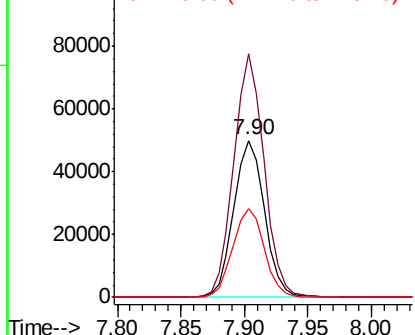
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BG044389.D
 Acq: 11 Feb 2020 15:07

Instrument :
 BNA_G
 ClientSampleId :
 PB126698BL

Tot Ion:152 Resp: 83946
 Ion Ratio Lower Upper
 152 100
 150 155.0 122.6 183.8
 115 56.5 46.0 69.0



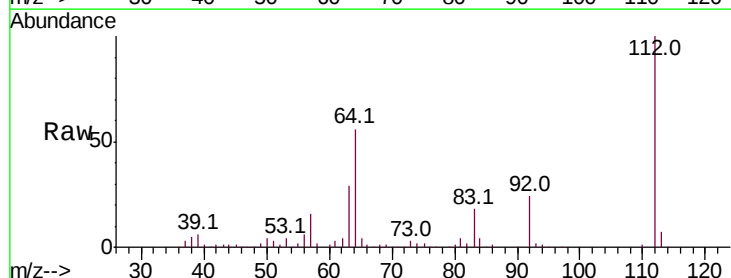
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



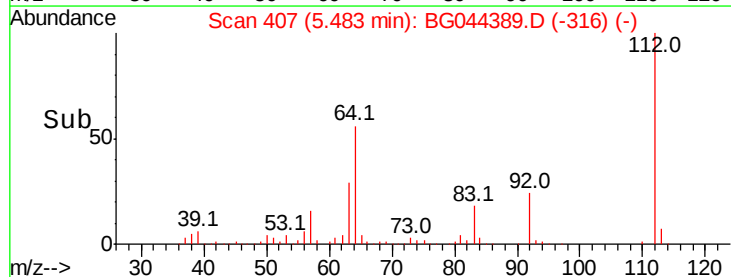
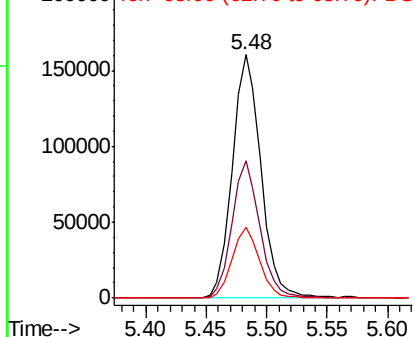
#5

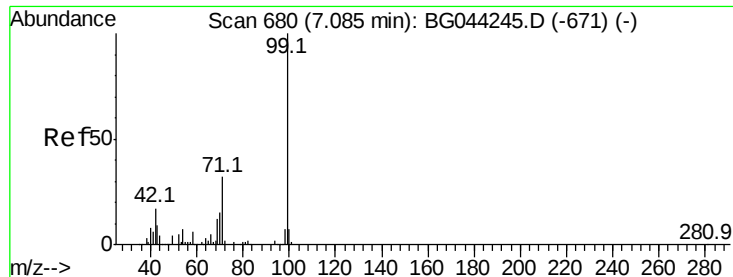
2-Fluorophenol
 Concen: 55.721 ng
 RT: 5.48 min Scan# 407
 Delta R.T. 0.00 min
 Lab File: BG044389.D
 Acq: 11 Feb 2020 15:07

Tgt Ion:112 Resp: 265040
 Ion Ratio Lower Upper
 112 100
 64 56.4 45.4 68.2
 63 28.9 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: 31.110 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044389.D

Acq: 11 Feb 2020 15:07

Instrument :

BNA_G

ClientSampleId :

PB126698BL

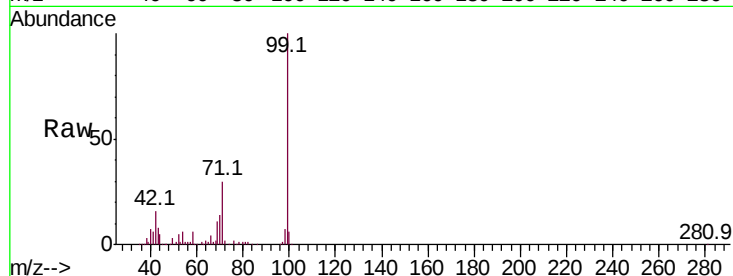
Tot Ion: 99 Resp: 198709

Ion Ratio Lower Upper

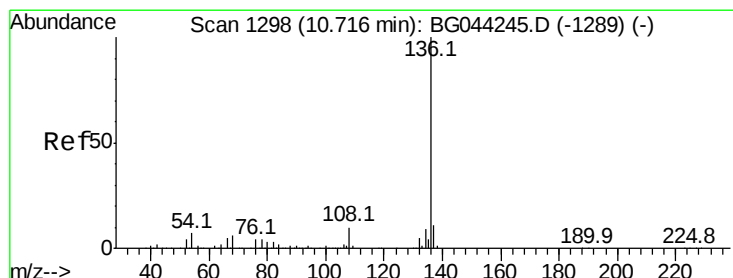
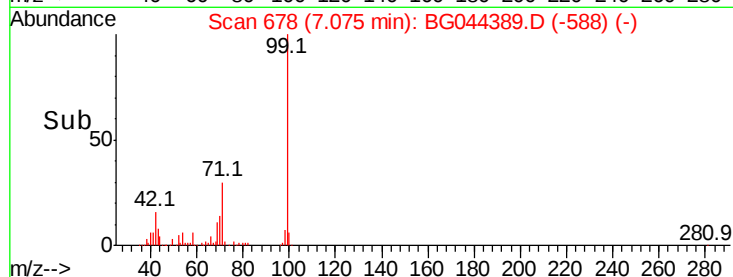
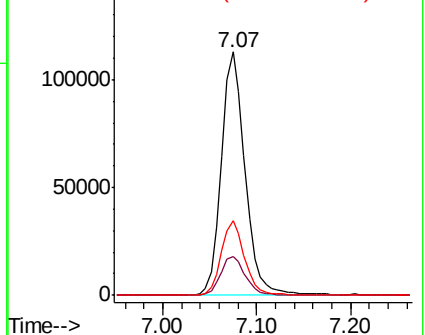
99 100

42 16.1 13.8 20.6

71 30.5 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: 10.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BG044389.D

Acq: 11 Feb 2020 15:07

Tgt Ion: 136 Resp: 326113

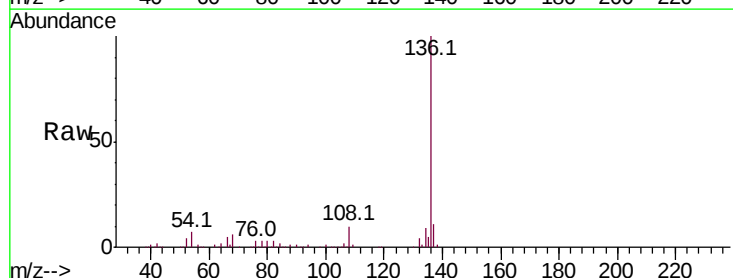
Ion Ratio Lower Upper

136 100

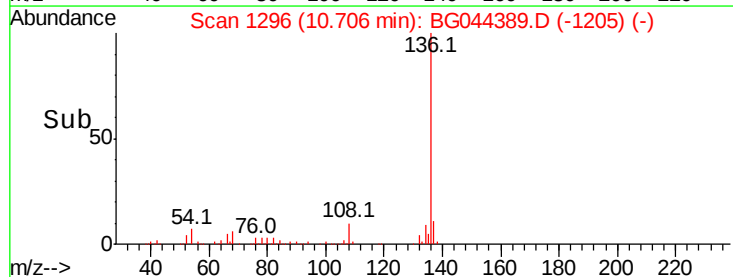
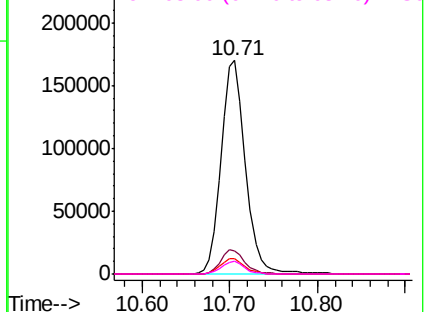
137 10.9 8.8 13.2

54 7.3 5.8 8.8

68 5.9 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

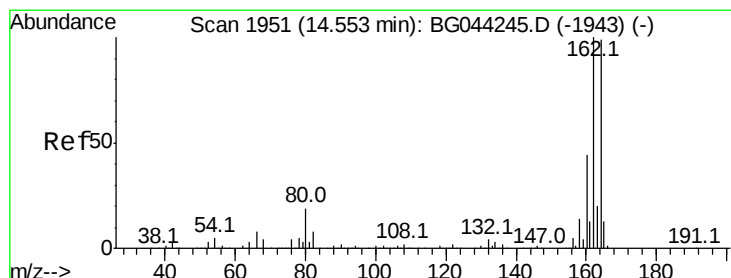
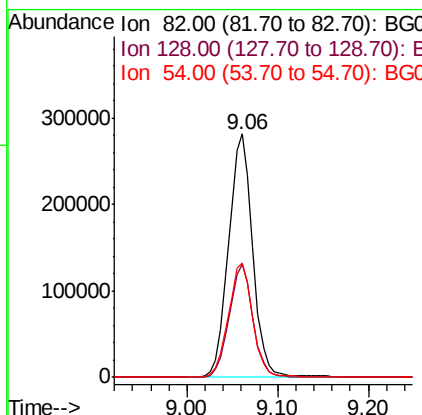
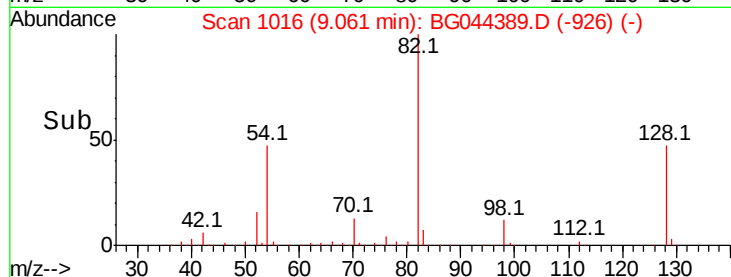
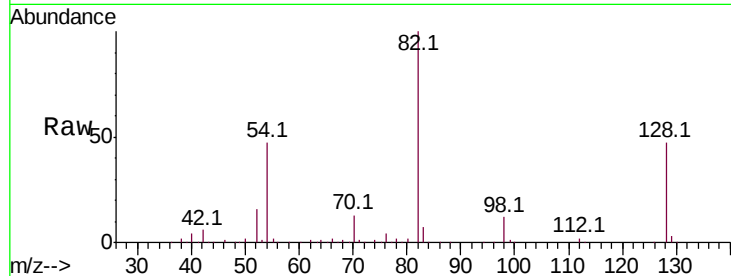




#23
Nitrobenzene-d5
Concen: 90.178 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG044389.D
Acq: 11 Feb 2020 15:07

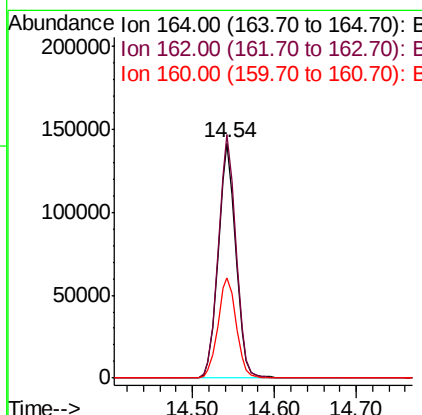
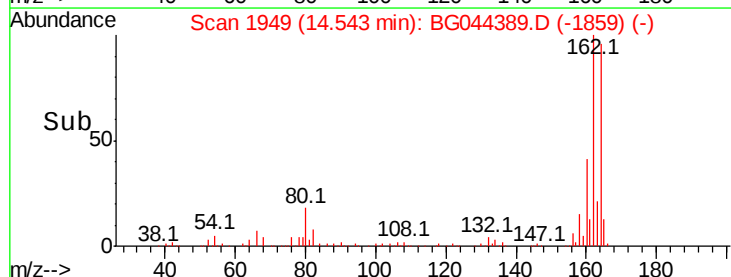
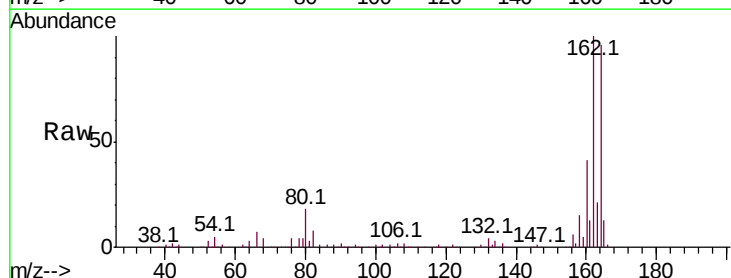
Instrument :
BNA_G
ClientSampleId :
PB126698BL

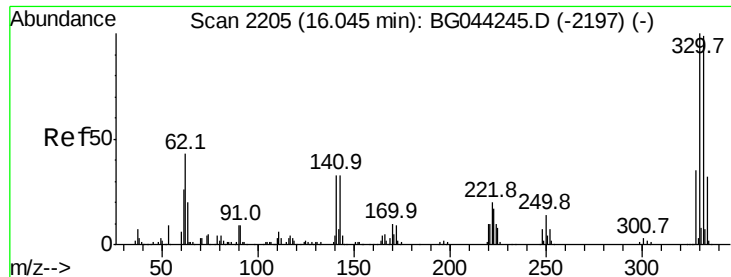
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.5	54.7
54	47.1	38.6	58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG044389.D
Acq: 11 Feb 2020 15:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.7	121.1
160	42.9	35.3	52.9

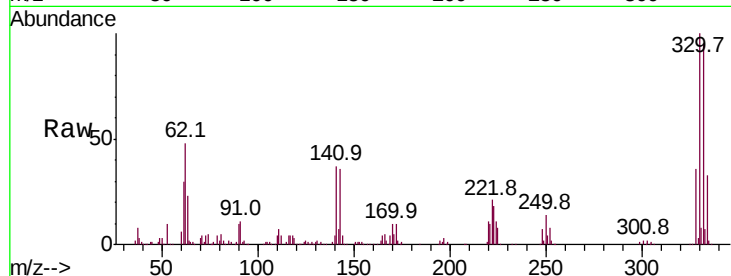




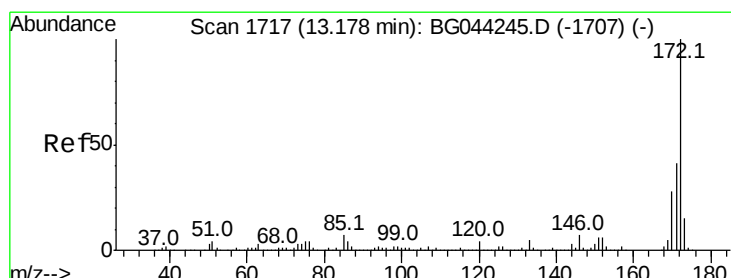
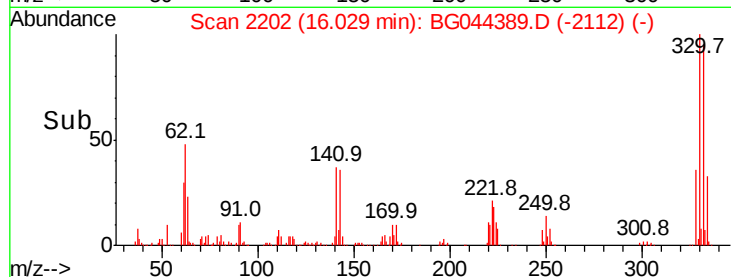
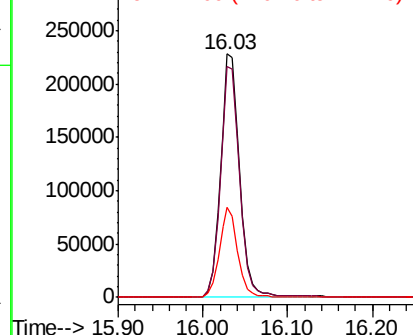
#42
 2,4,6-Tribromophenol
 Concen: 145.899 ng
 RT: 16.03 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG044389.D
 Acq: 11 Feb 2020 15:07

Instrument :
 BNA_G
 ClientSampleId :
 PB126698BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.2	115.8
141	35.4	28.3	42.5

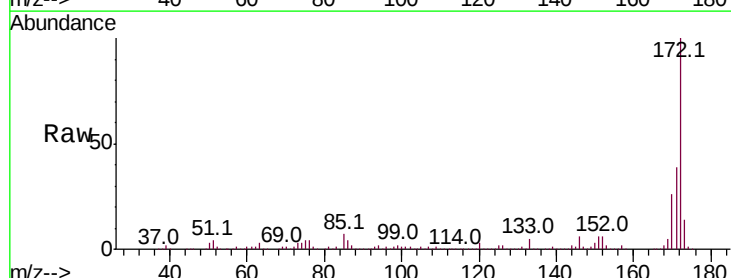


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

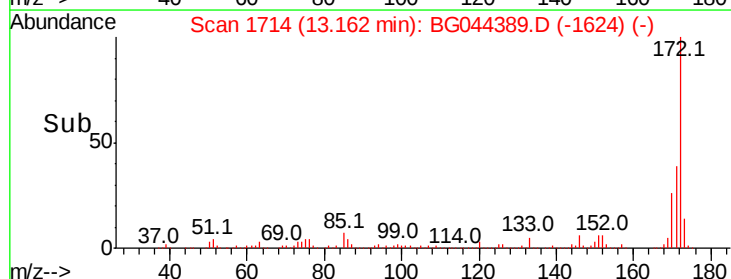
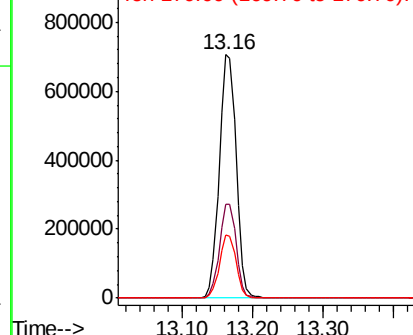


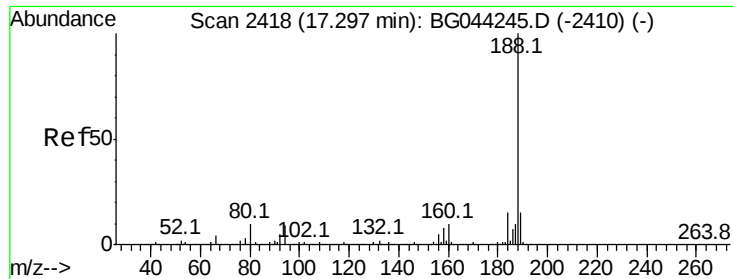
#45
 2-Fluorobiphenyl
 Concen: 93.437 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.00 min
 Lab File: BG044389.D
 Acq: 11 Feb 2020 15:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	32.9	49.3
170	26.1	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

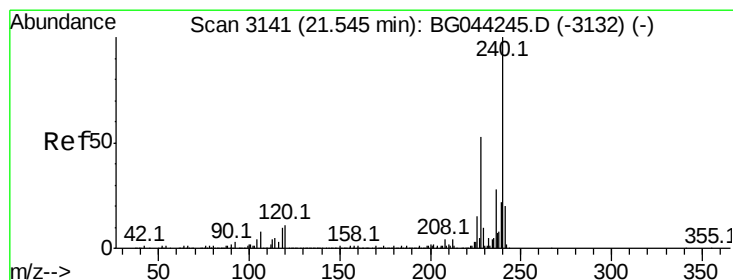
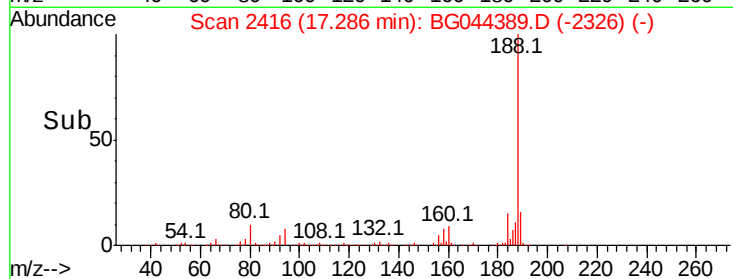
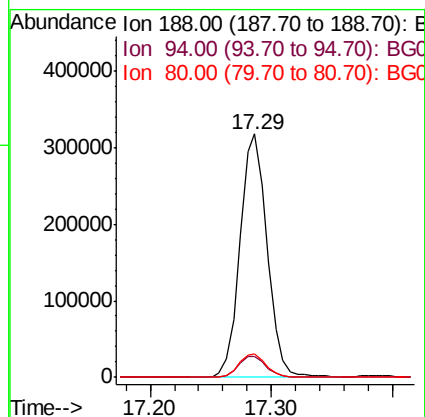
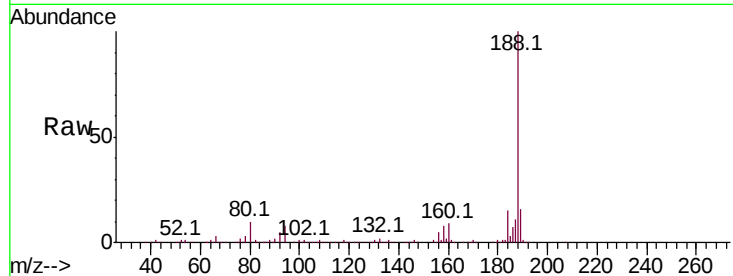




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG044389.D
Acq: 11 Feb 2020 15:07

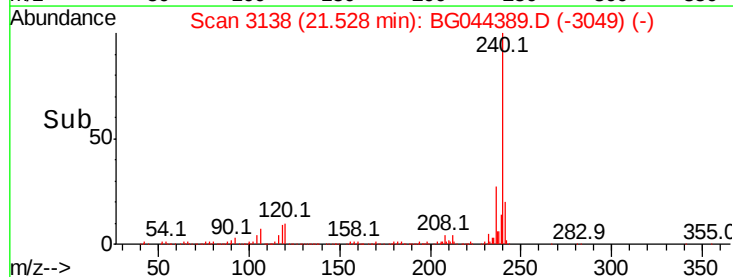
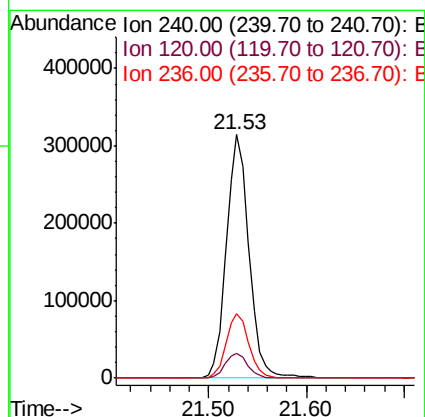
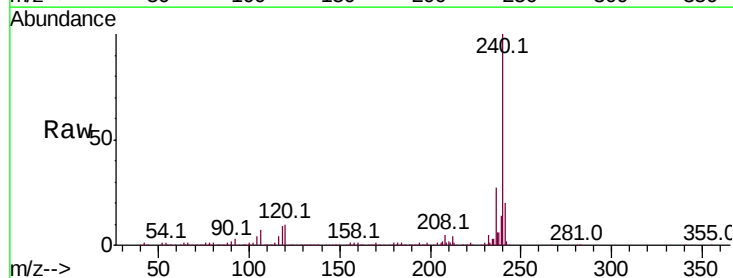
Instrument :
BNA_G
ClientSampleId :
PB126698BL

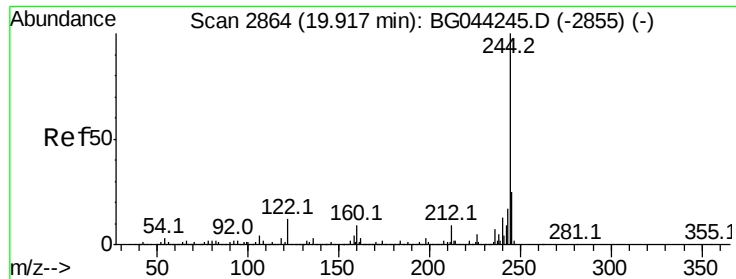
Tot Ion:188 Resp: 498586
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.6 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.53 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG044389.D
Acq: 11 Feb 2020 15:07

Tgt Ion:240 Resp: 502708
Ion Ratio Lower Upper
240 100
120 10.2 8.4 12.6
236 26.6 22.1 33.1





#79

Terphenyl-d14

Concen: 82.161 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG044389.D

Acq: 11 Feb 2020 15:07

Instrument :

BNA_G

ClientSampleId :

PB126698BL

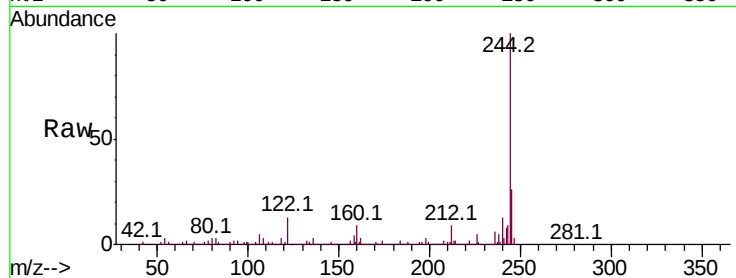
Tot Ion:244 Resp: 2008052

Ion Ratio Lower Upper

244 100

212 9.3 7.4 11.2

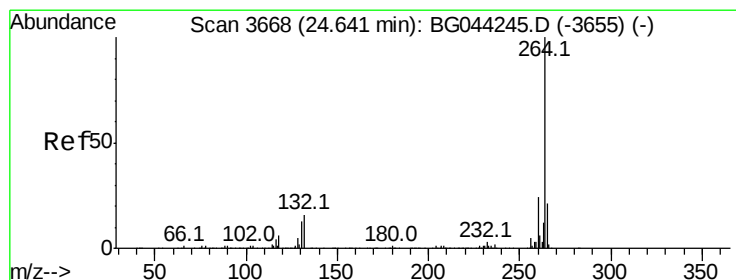
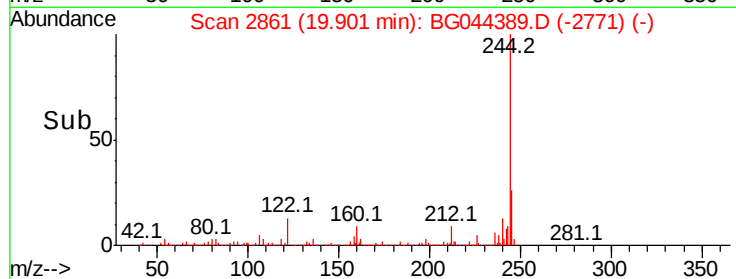
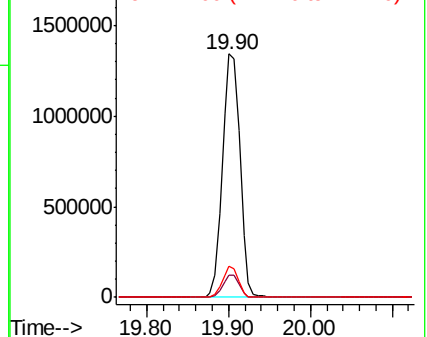
122 12.8 9.8 14.6



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. -0.00 min

Lab File: BG044389.D

Acq: 11 Feb 2020 15:07

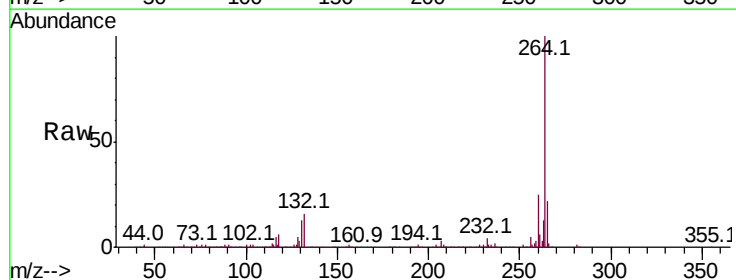
Tgt Ion:264 Resp: 518751

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

265 21.9 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

