

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011520\
 Data File : BG044056.D
 Acq On : 15 Jan 2020 19:09
 Operator : JU
 Sample : PB126095BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126095BL

Quant Time: Jan 16 08:29:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	103523	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	410380	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	275324	20.00	ng	-0.02
64) Phenanthrene-d10	17.31	188	617371	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	554490	20.00	ng	-0.03
87) Perylene-d12	24.68	264	615727	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	247046	43.82	ng	-0.02
7) Phenol-d6	7.11	99	199941	25.37	ng	-0.02
23) Nitrobenzene-d5	9.09	82	676061	88.13	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	329521	114.37	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1519338	99.98	ng	-0.02
79) Terphenyl-d14	19.93	244	2248764	103.26	ng	-0.02

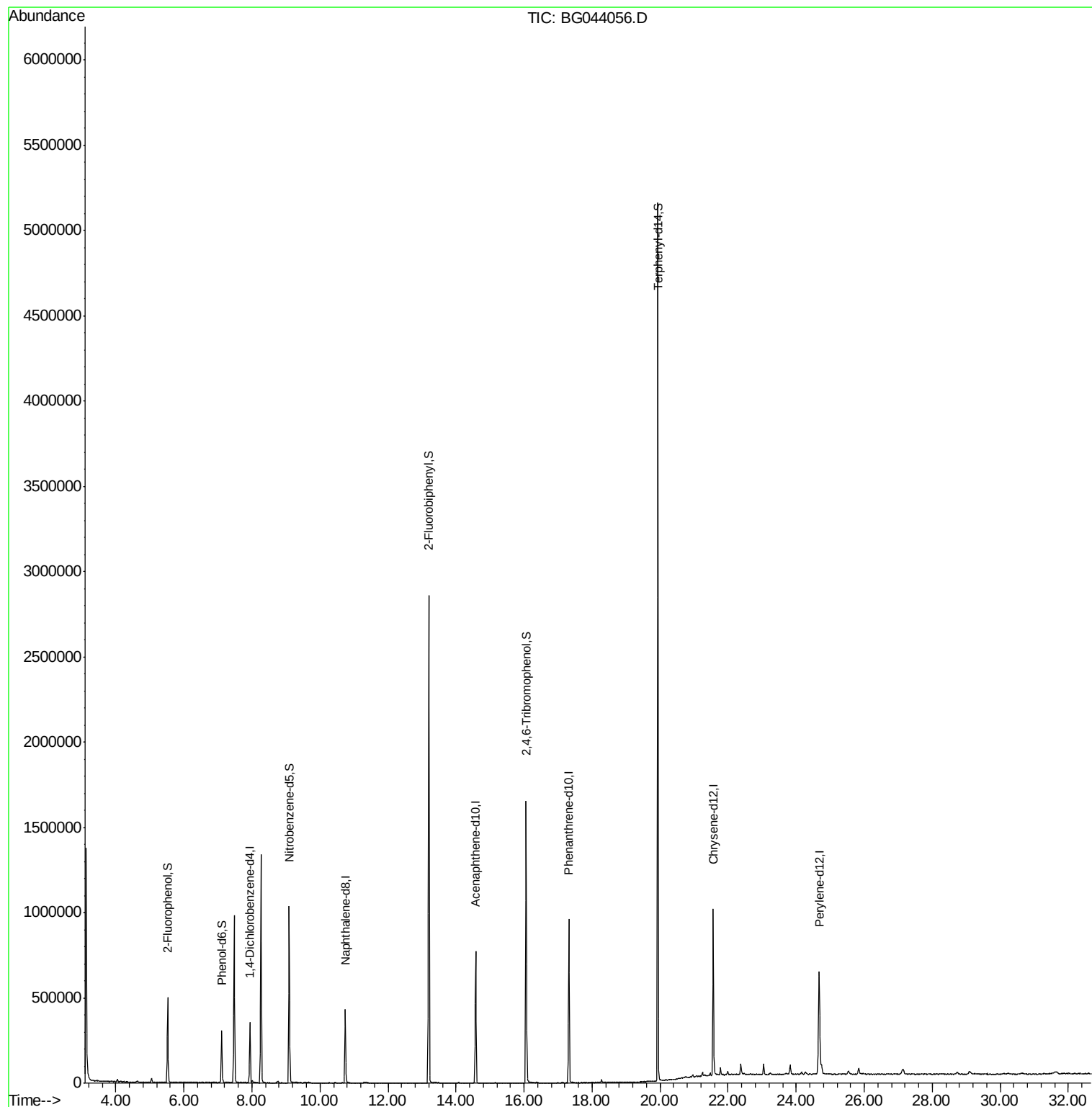
Target Compounds Qvalue

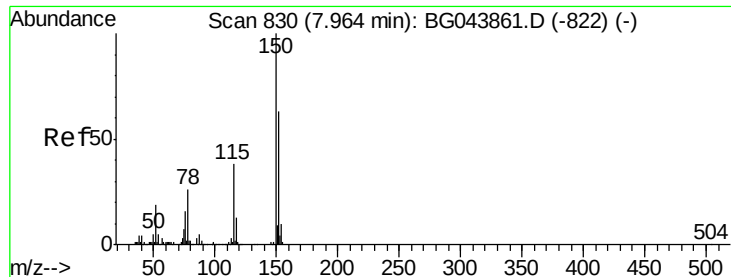
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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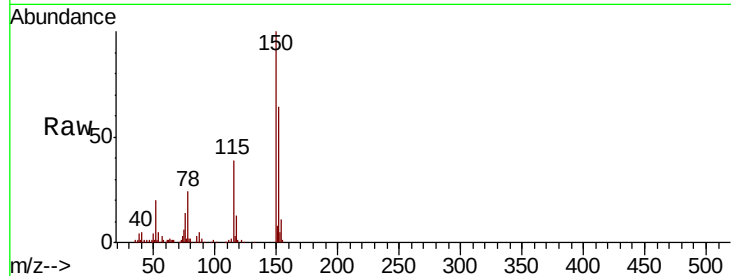


#1

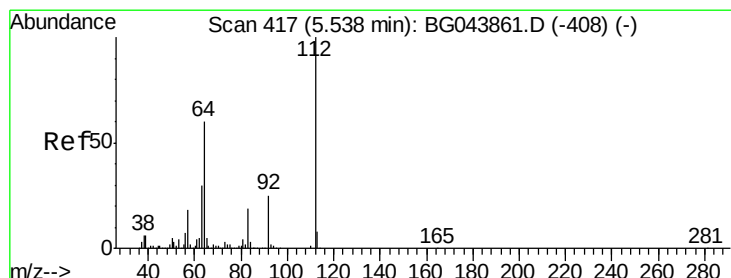
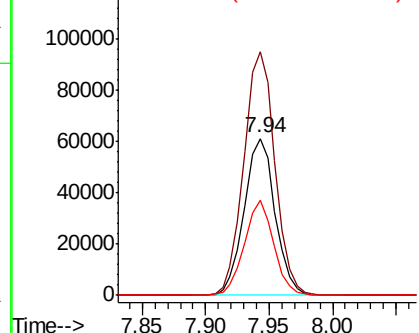
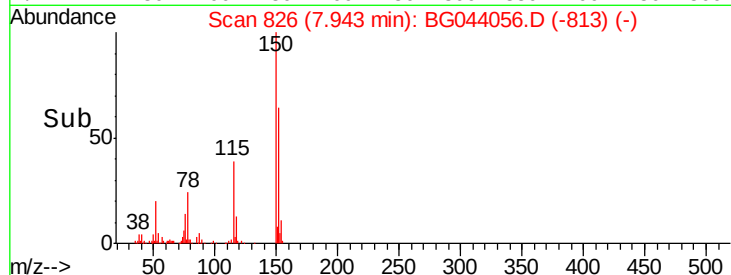
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG044056.D
Acq: 15 Jan 2020 19:09

Instrument :
BNA_G
ClientSampleId :
PB126095BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.0	190.4
115	60.5	47.8	71.8



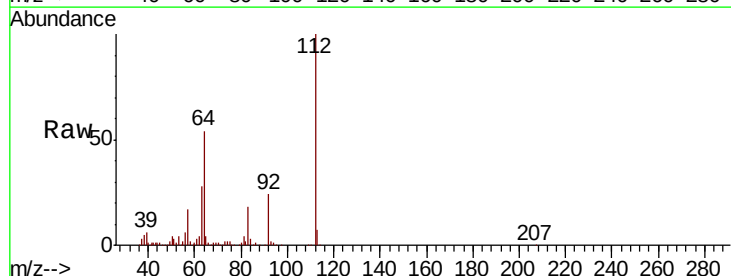
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



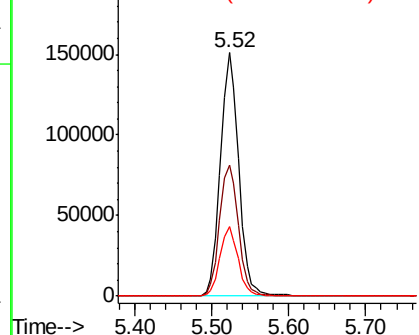
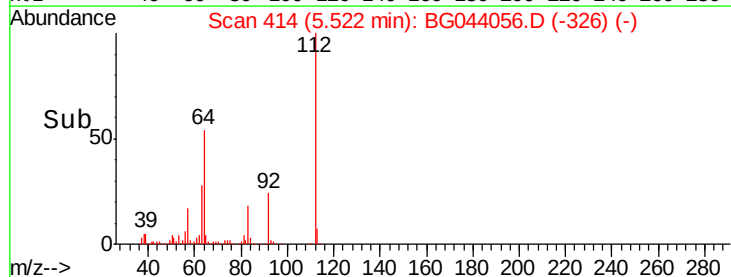
#5

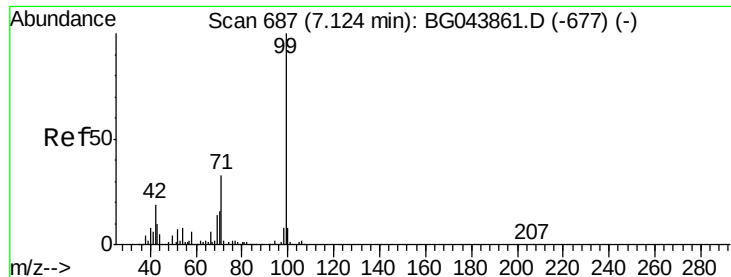
2-Fluorophenol
Concen: 43.817 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.02 min
Lab File: BG044056.D
Acq: 15 Jan 2020 19:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	47.8	71.6
63	28.4	24.3	36.5



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: 25.370 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

Lab File: BG044056.D

Acq: 15 Jan 2020 19:09

Instrument :

BNA_G

ClientSampled :

PB126095BL

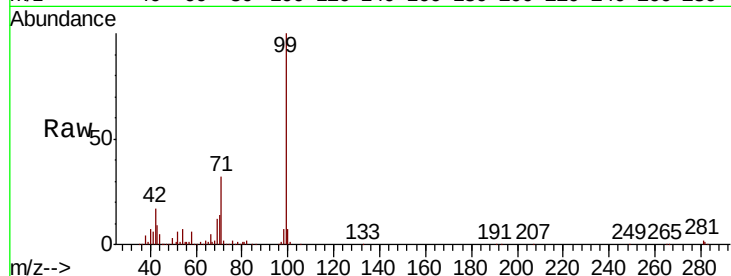
Tot Ion: 99 Resp: 199941

Ion Ratio Lower Upper

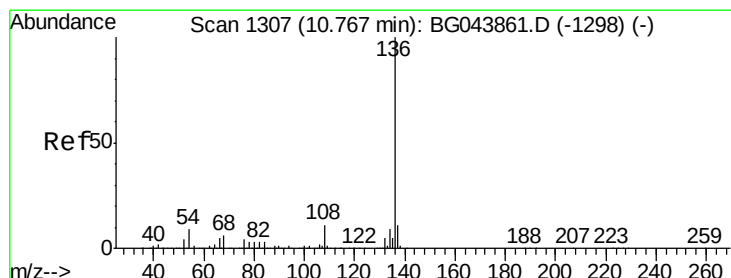
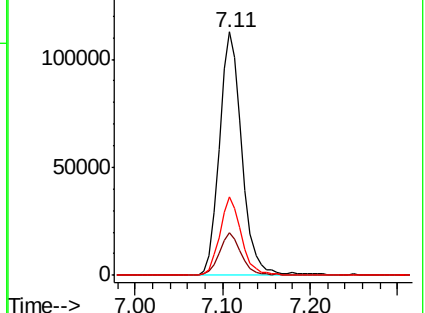
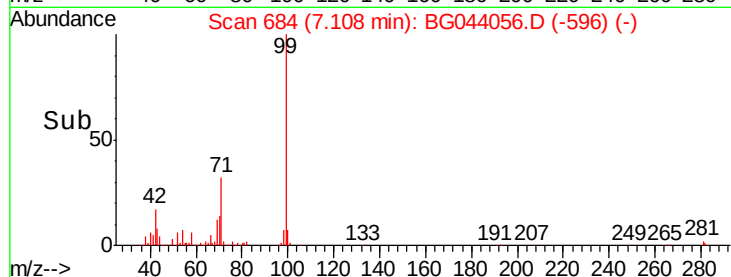
99 100

42 17.3 14.9 22.3

71 32.2 26.4 39.6



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: 10.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG044056.D

Acq: 15 Jan 2020 19:09

Tgt Ion: 136 Resp: 410380

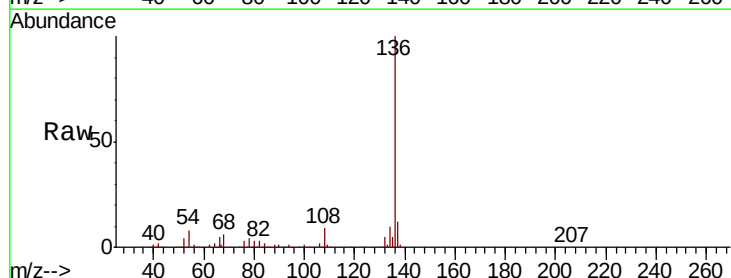
Ion Ratio Lower Upper

136 100

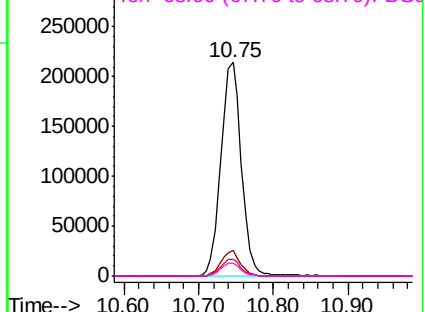
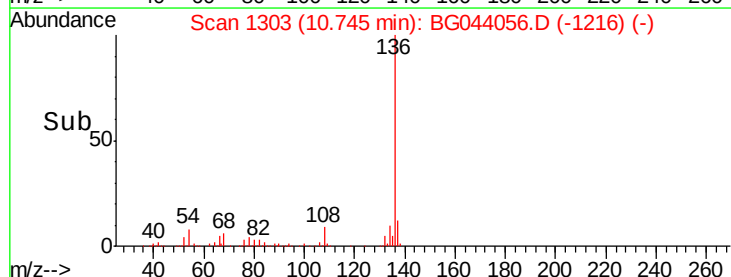
137 12.0 8.8 13.2

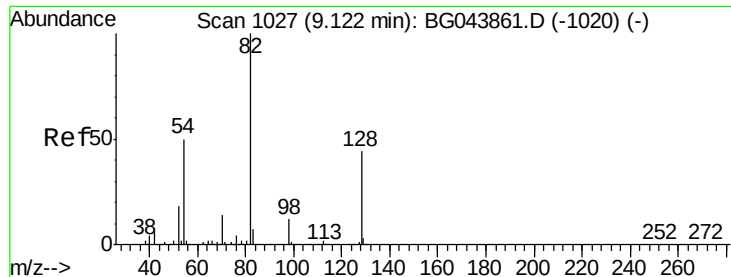
54 7.8 7.0 10.4

68 5.9 4.9 7.3



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

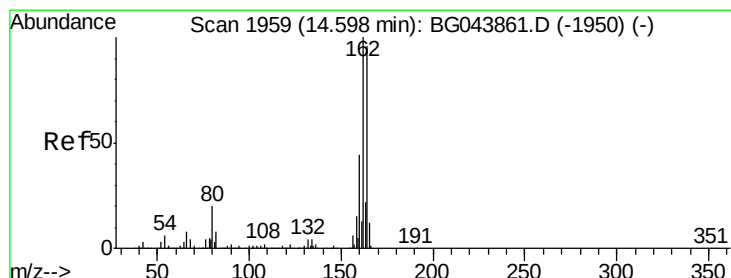
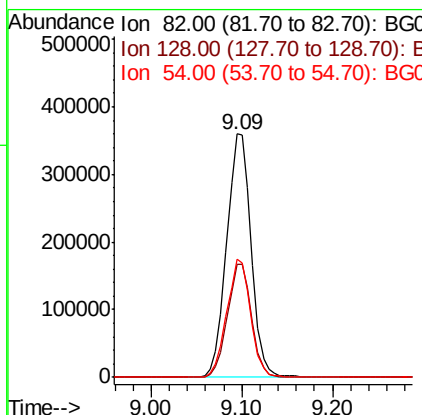
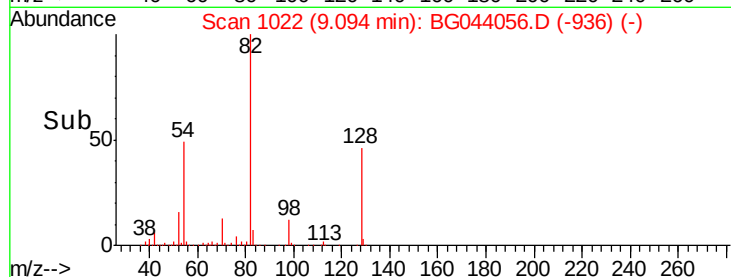
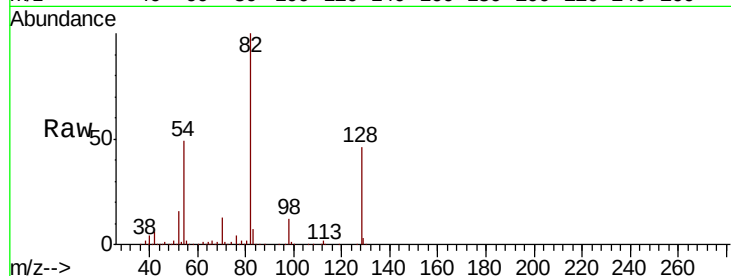




#23
 Nitrobenzene-d5
 Concen: 88.129 ng
 RT: 9.09 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BG044056.D
 Acq: 15 Jan 2020 19:09

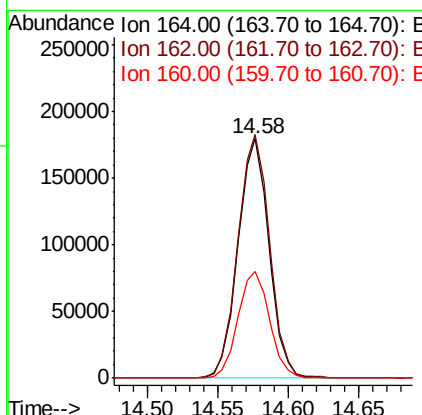
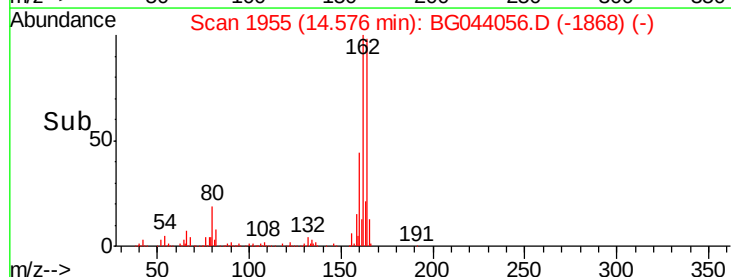
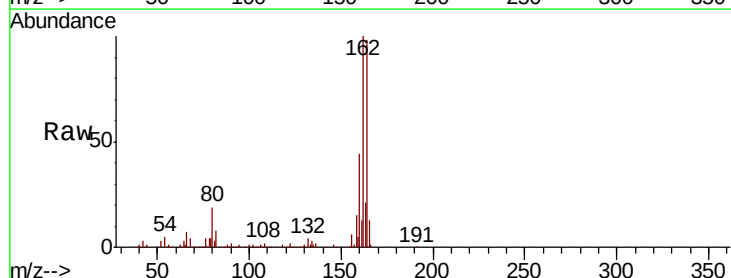
Instrument :
 BNA_G
 ClientSampleId :
 PB126095BL

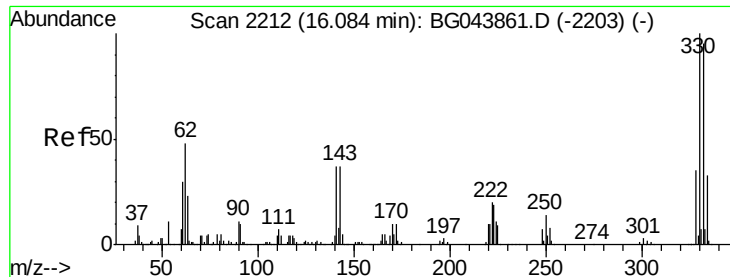
Tot Ion	82	Resp	676061
Ion Ratio	Lower	Upper	
82	100		
128	46.3	35.1	52.7
54	48.5	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.58 min Scan# 1955
 Delta R.T. -0.02 min
 Lab File: BG044056.D
 Acq: 15 Jan 2020 19:09

Tgt Ion	164	Resp	275324
Ion Ratio	Lower	Upper	
164	100		
162	101.7	83.0	124.4
160	44.6	36.1	54.1

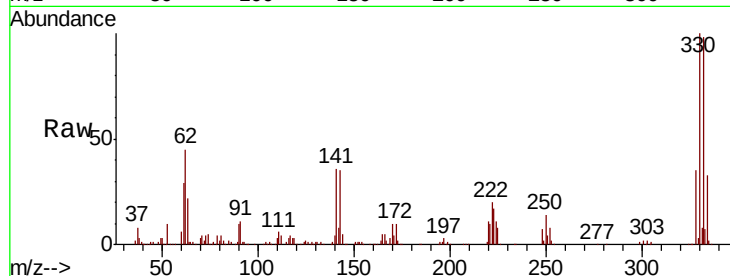




#42
 2,4,6-Tribromophenol
 Concen: 114.369 ng
 RT: 16.06 min Scan# 2208
 Delta R.T. -0.02 min
 Lab File: BG044056.D
 Acq: 15 Jan 2020 19:09

Instrument :
 BNA_G
 ClientSampled :
 PB126095BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.2	115.8
141	36.6	33.1	49.7

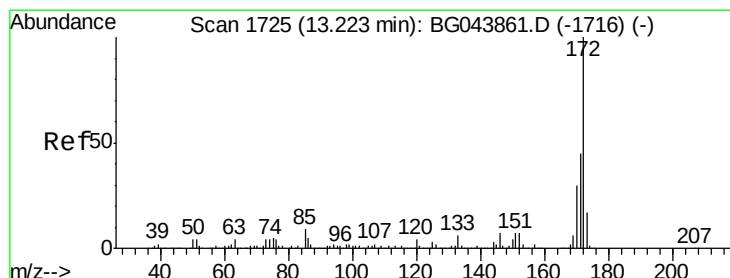
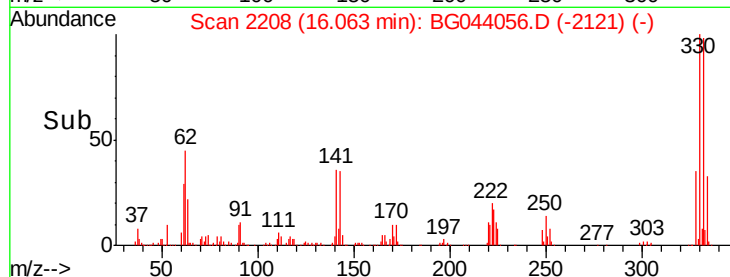
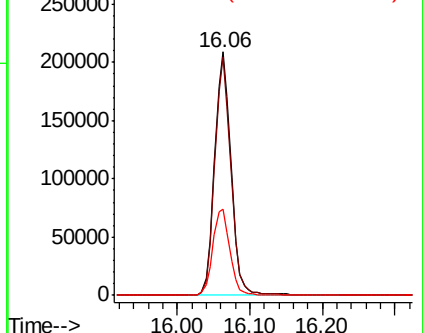


Abundance

Ion 329.80 (329.50 to 330.50): E

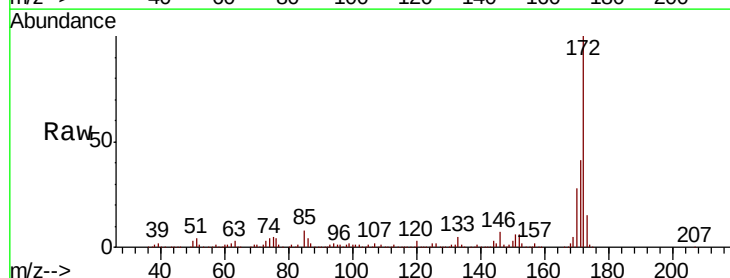
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 99.980 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG044056.D
 Acq: 15 Jan 2020 19:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.8	35.8	53.8
170	27.9	24.2	36.4

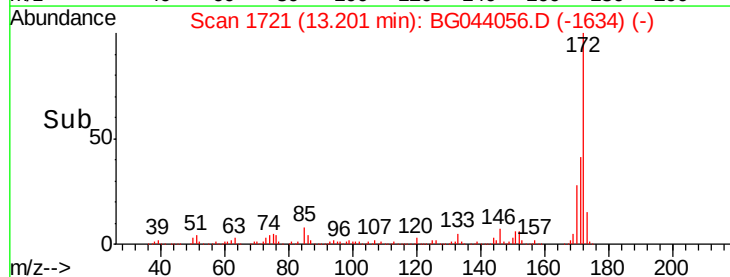
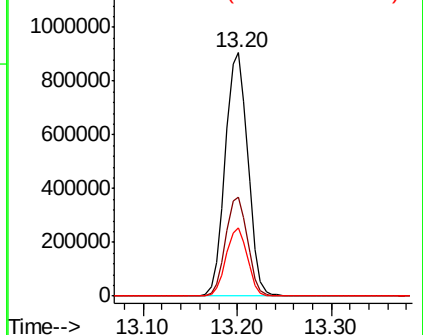


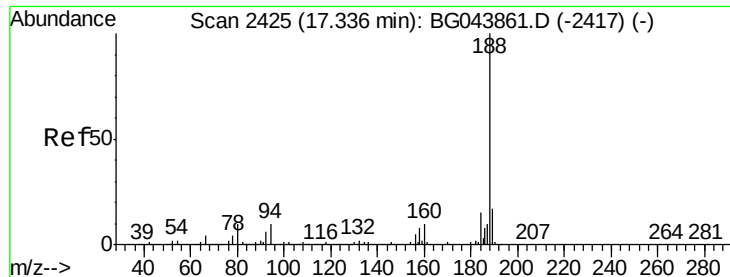
Abundance

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

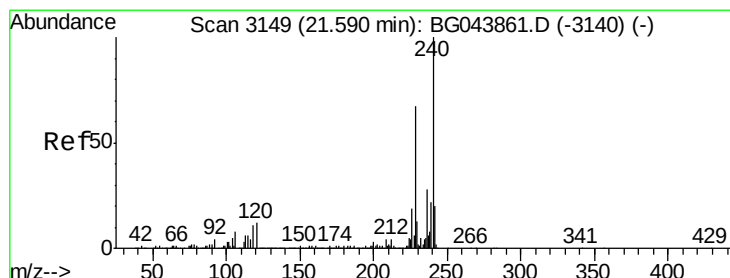
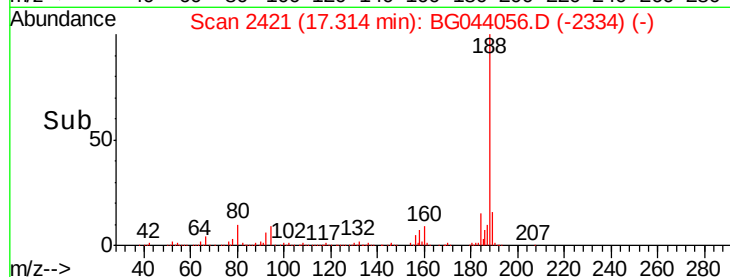
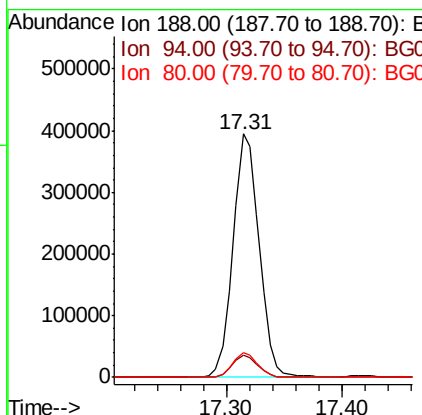
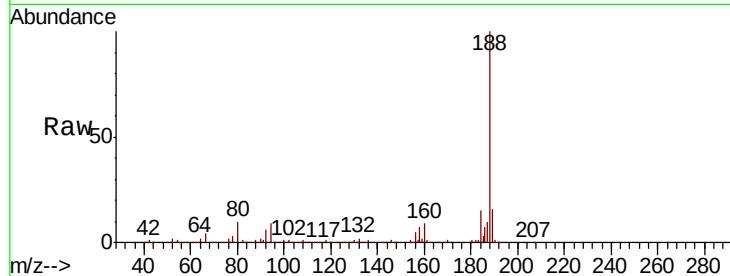




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044056.D
Acq: 15 Jan 2020 19:09

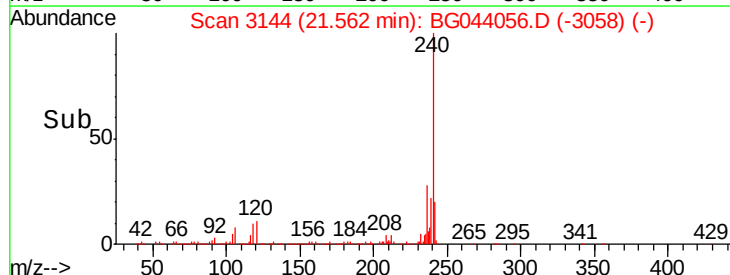
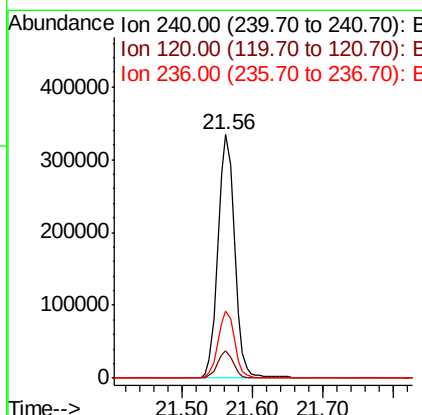
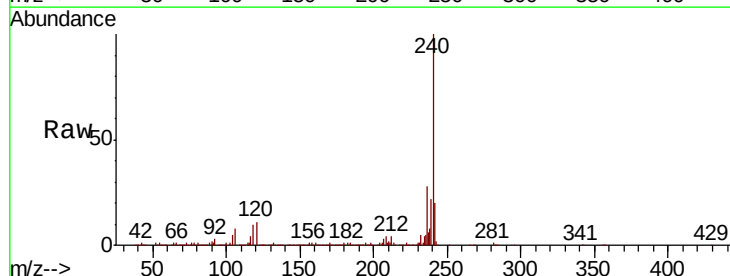
Instrument :
BNA_G
ClientSampleId :
PB126095BL

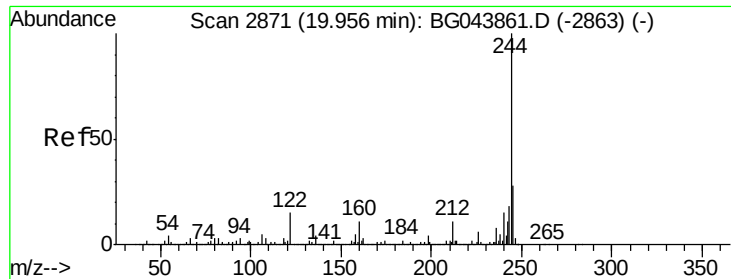
Tot Ion:188 Resp: 617371
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 10.0 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.03 min
Lab File: BG044056.D
Acq: 15 Jan 2020 19:09

Tgt Ion:240 Resp: 554490
Ion Ratio Lower Upper
240 100
120 11.2 9.6 14.4
236 27.7 22.2 33.2





#79

Terphenyl-d14

Concen: 103.260 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.02 min

Lab File: BG044056.D

Acq: 15 Jan 2020 19:09

Instrument :

BNA_G

ClientSampleId :

PB126095BL

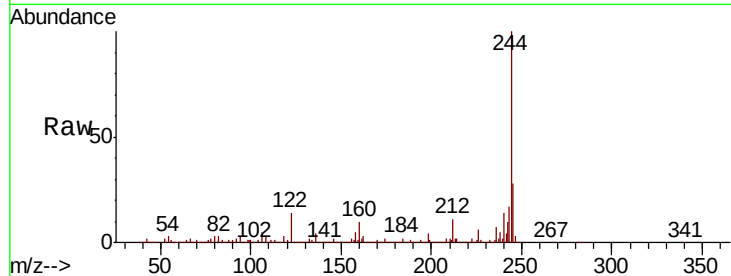
Tot Ion:244 Resp: 2248764

Ion Ratio Lower Upper

244 100

212 10.6 8.6 13.0

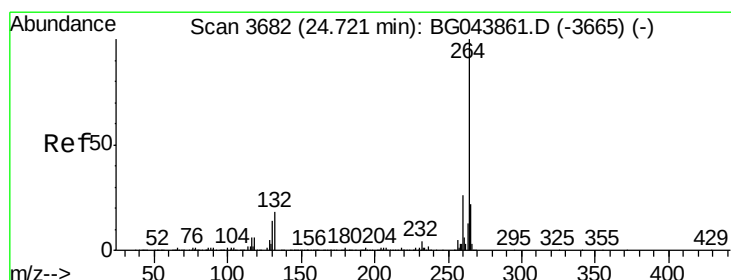
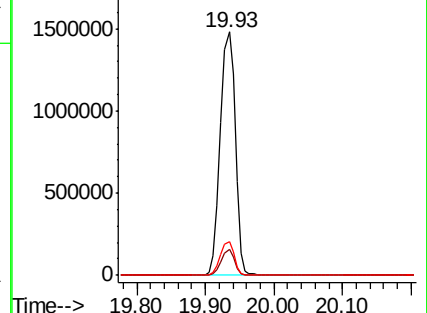
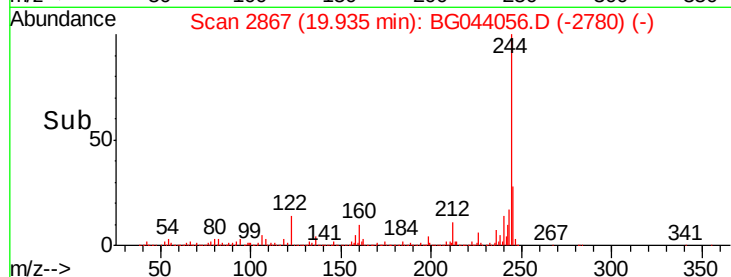
122 13.9 11.9 17.9



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: 24.68 min Scan# 3674

Delta R.T. -0.05 min

Lab File: BG044056.D

Acq: 15 Jan 2020 19:09

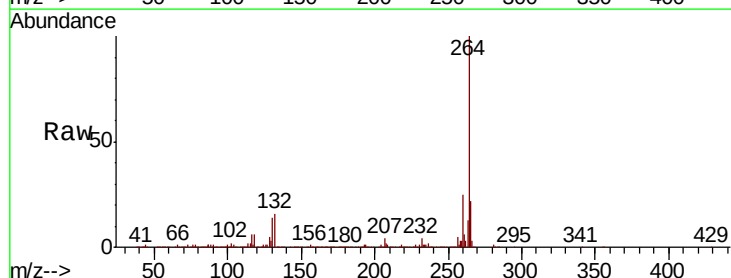
Tgt Ion:264 Resp: 615727

Ion Ratio Lower Upper

264 100

260 24.8 20.4 30.6

265 22.1 17.4 26.2



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

