

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
 Data File : BG044198.D
 Acq On : 25 Jan 2020 2:29
 Operator : CG/JU
 Sample : PB126331TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126331TB

Quant Time: Jan 27 04:08:54 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	7.93	152	83203	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	358928	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	241276	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	495145	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	425819	20.00	ng	-0.03
87) Perylene-d12	24.66	264	471615	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	627344	138.44	ng	-0.03
7) Phenol-d6	7.10	99	822640	129.87	ng	-0.02
23) Nitrobenzene-d5	9.08	82	491035	73.19	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	283271	112.19	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1166569	87.60	ng	-0.03
79) Terphenyl-d14	19.92	244	1656268	97.34	ng	-0.03

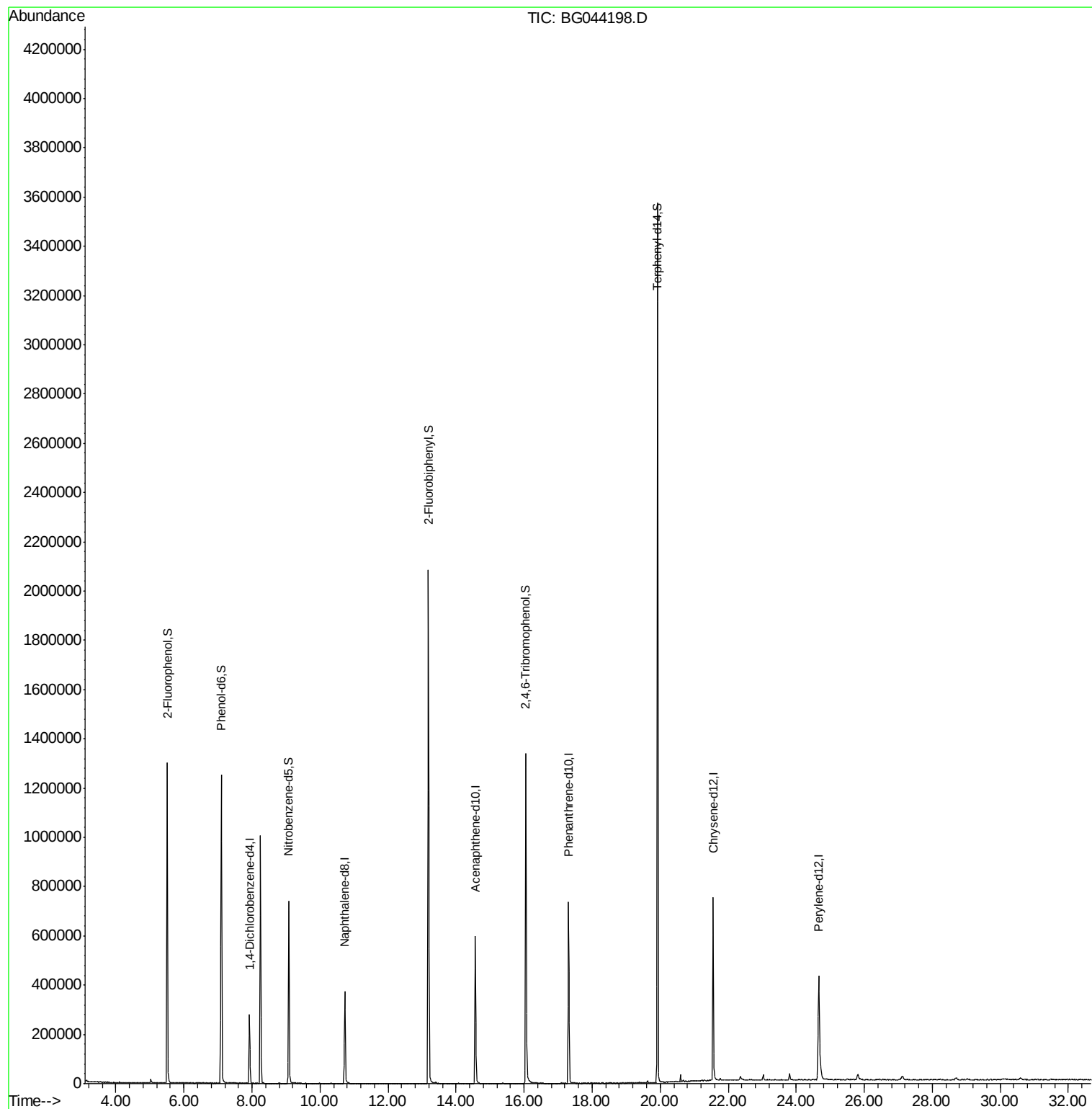
Target Compounds Qvalue

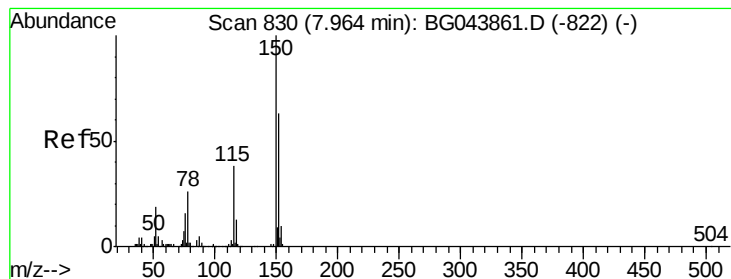
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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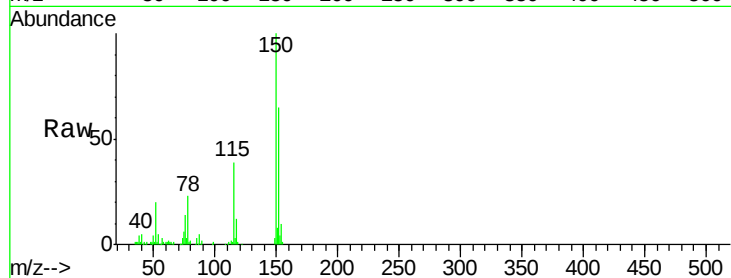


#1

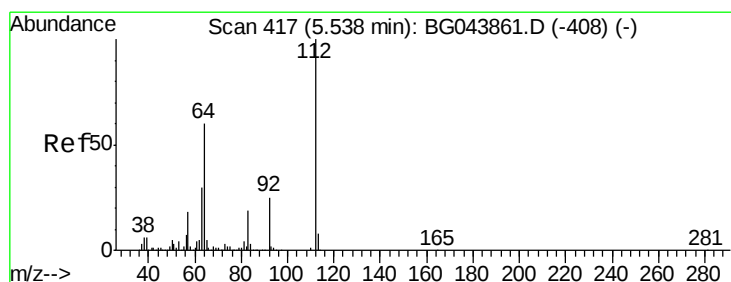
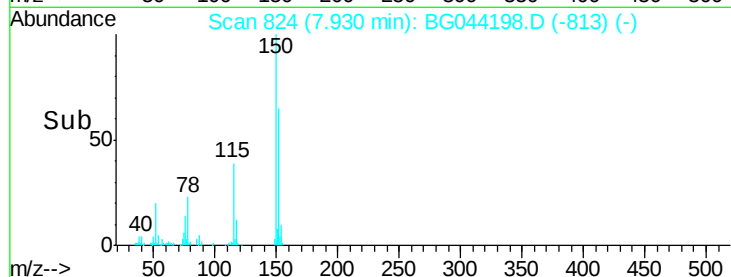
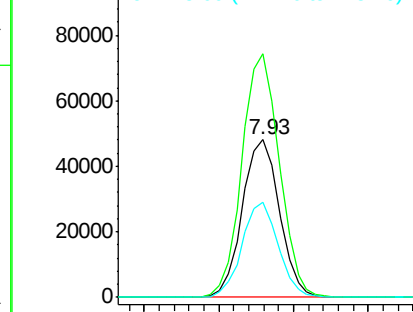
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044198.D
Acq: 25 Jan 2020 2:29

Instrument :
BNA_G
ClientSampleId :
PB126331TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	127.0	190.4
115	60.6	47.8	71.8



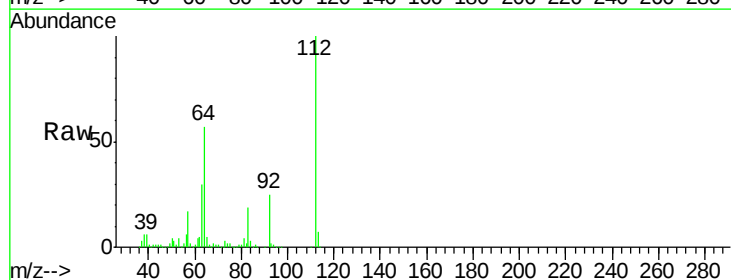
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



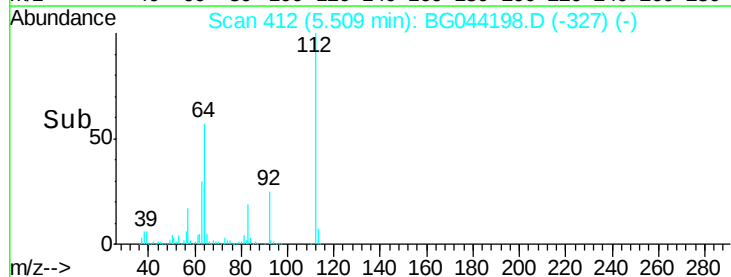
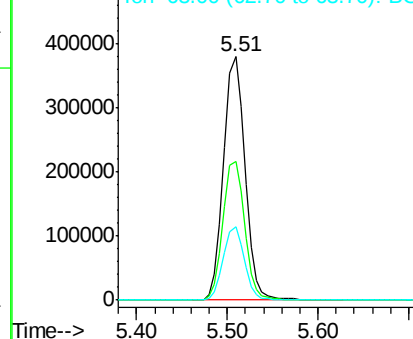
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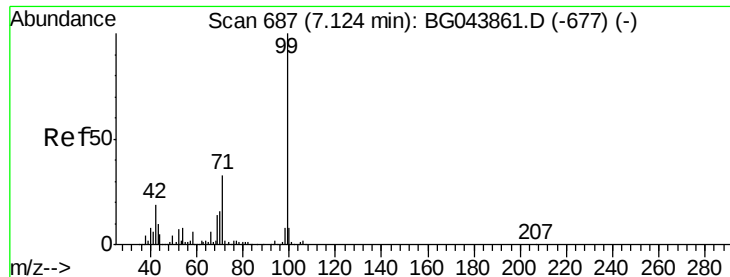
2-Fluorophenol
Concen: 138.442 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044198.D
Acq: 25 Jan 2020 2:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.8	71.6
63	30.2	24.3	36.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 129.874 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044198.D

Acq: 25 Jan 2020 2:29

Instrument :

BNA_G

ClientSampleId :

PB126331TB

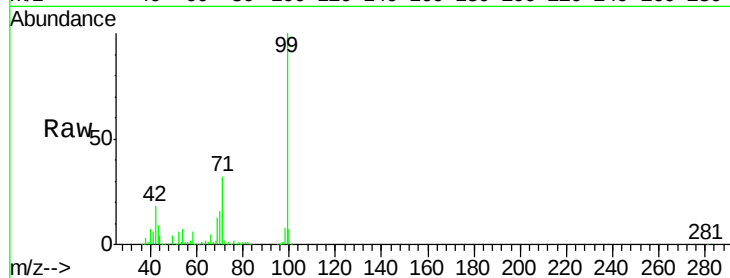
Tot Ion: 99 Resp: 822640

Ion Ratio Lower Upper

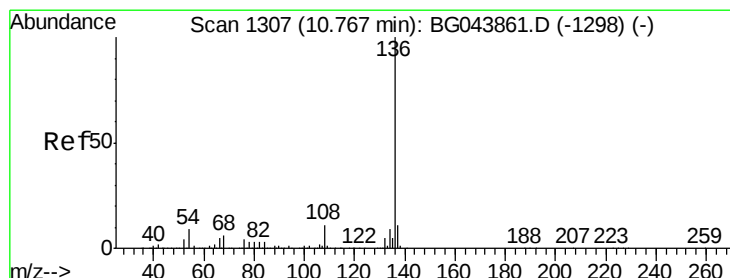
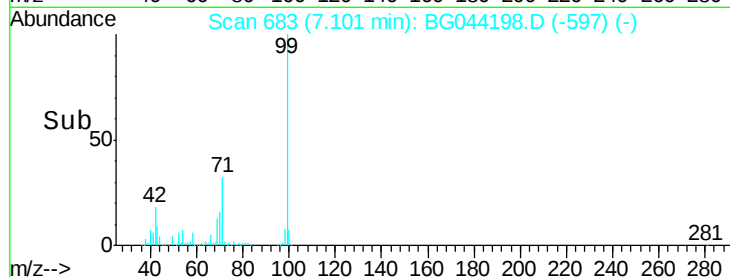
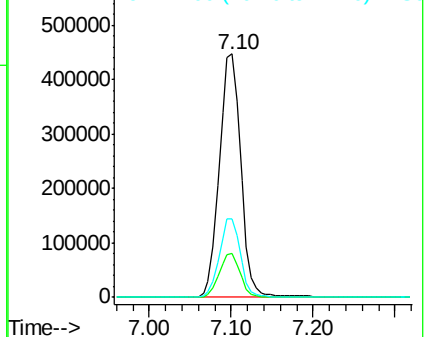
99 100

42 18.0 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: 10.73 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BG044198.D

Acq: 25 Jan 2020 2:29

Tgt Ion: 136 Resp: 358928

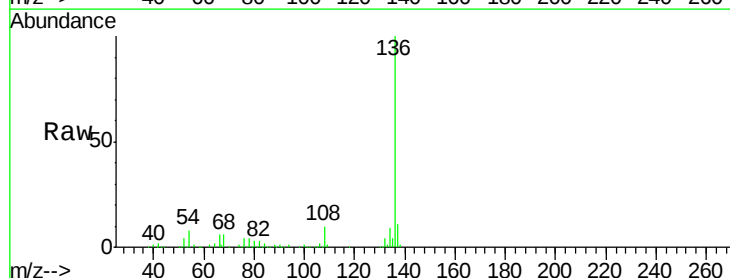
Ion Ratio Lower Upper

136 100

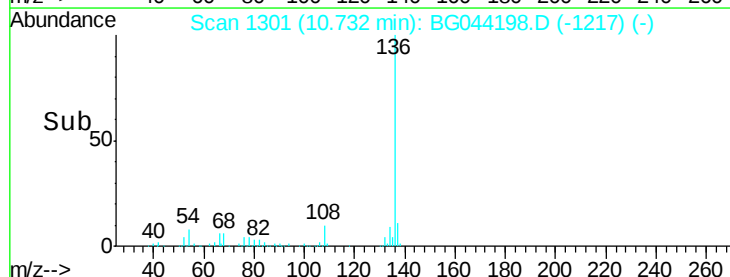
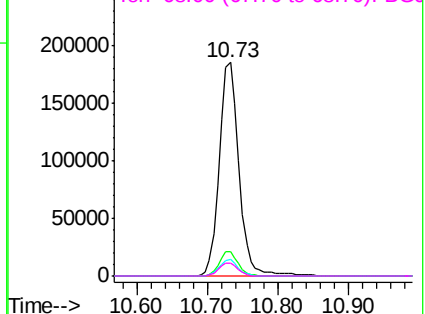
137 11.2 8.8 13.2

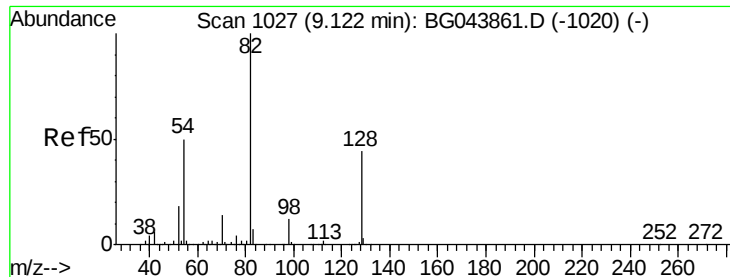
54 8.0 7.0 10.4

68 5.8 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

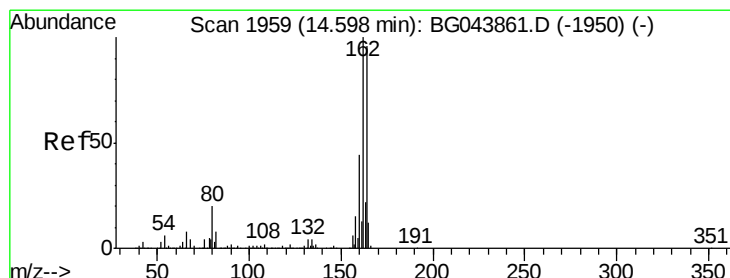
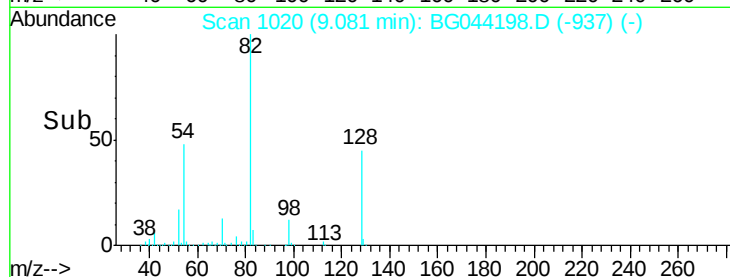
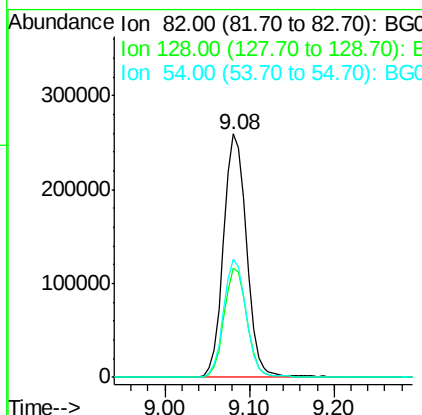
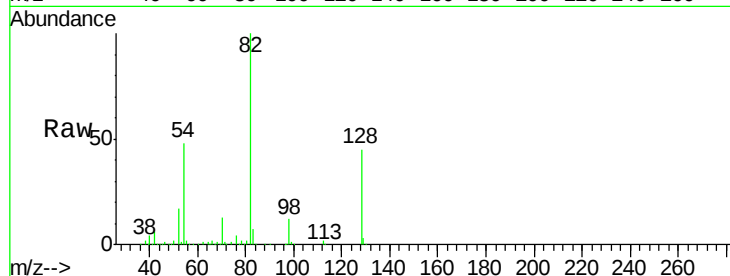




#23
Nitrobenzene-d5
Concen: 73.186 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044198.D
Acq: 25 Jan 2020 2:29

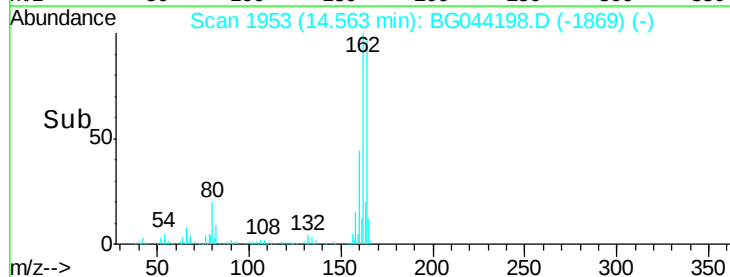
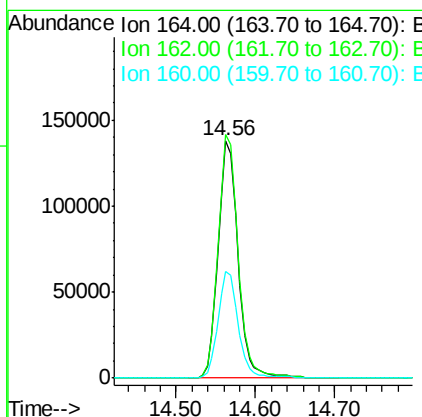
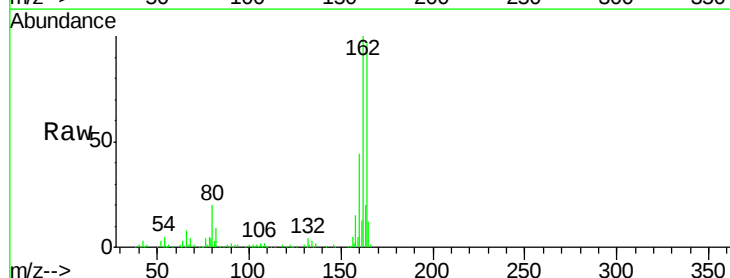
Instrument :
BNA_G
ClientSampleId :
PB126331TB

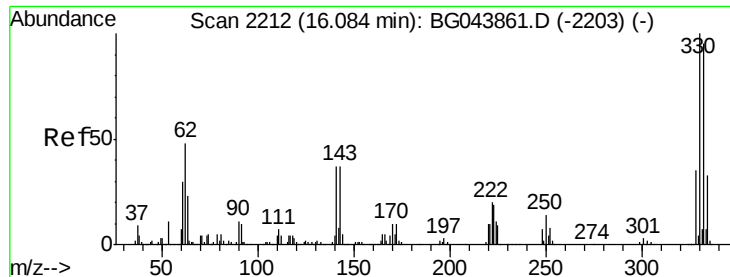
Tot Ion	82	Resp	491035
Ion Ratio	Lower	Upper	
82	100		
128	44.7	35.1	52.7
54	48.3	40.1	60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BG044198.D
Acq: 25 Jan 2020 2:29

Tgt Ion	164	Resp	241276
Ion Ratio	Lower	Upper	
164	100		
162	102.6	83.0	124.4
160	44.8	36.1	54.1

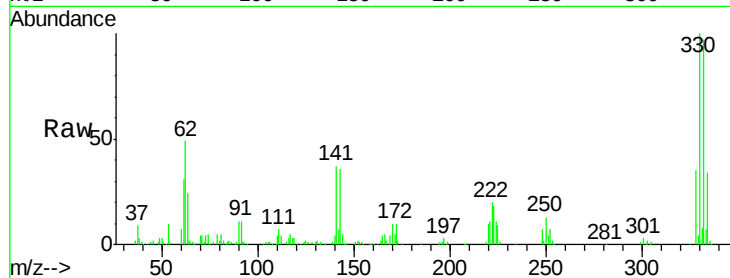




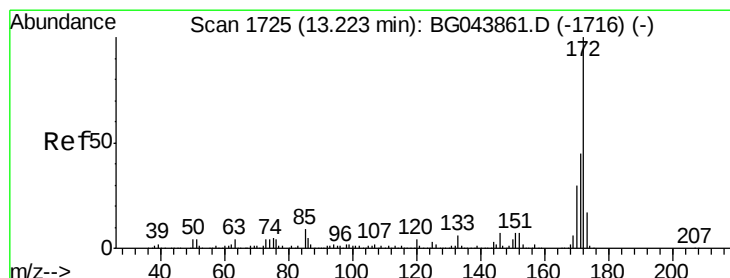
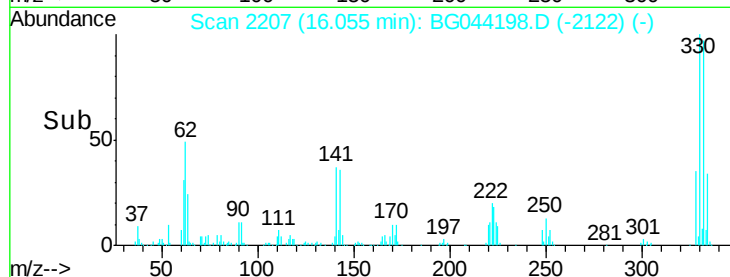
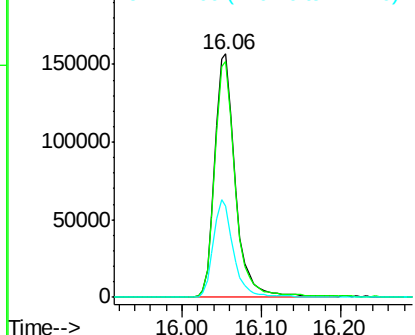
#42
 2,4,6-Tribromophenol
 Concen: 112.191 ng
 RT: 16.06 min Scan# 2207
 Delta R.T. -0.03 min
 Lab File: BG044198.D
 Acq: 25 Jan 2020 2:29

Instrument :
 BNA_G
 ClientSampleId :
 PB126331TB

Tot Ion:330 Resp: 283271
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.2 115.8
 141 39.3 33.1 49.7

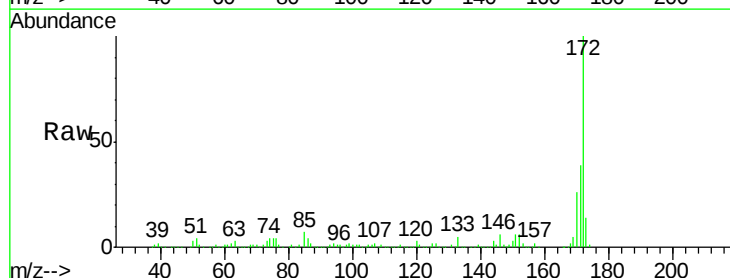


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

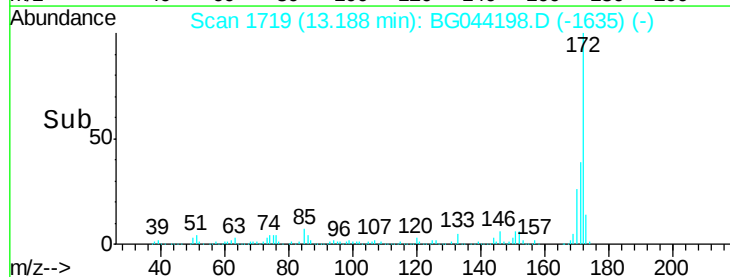
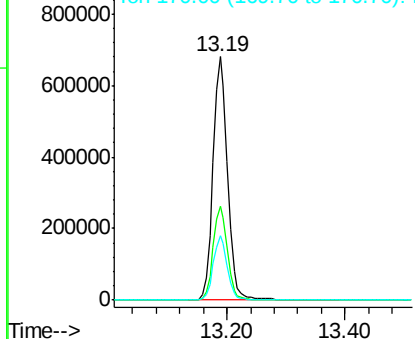


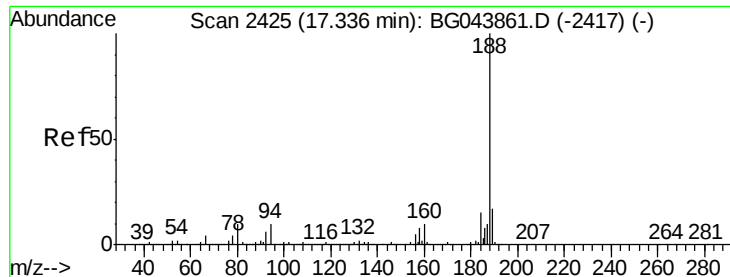
#45
 2-Fluorobiphenyl
 Concen: 87.599 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.03 min
 Lab File: BG044198.D
 Acq: 25 Jan 2020 2:29

Tgt Ion:172 Resp: 1166569
 Ion Ratio Lower Upper
 172 100
 171 38.7 35.8 53.8
 170 26.5 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

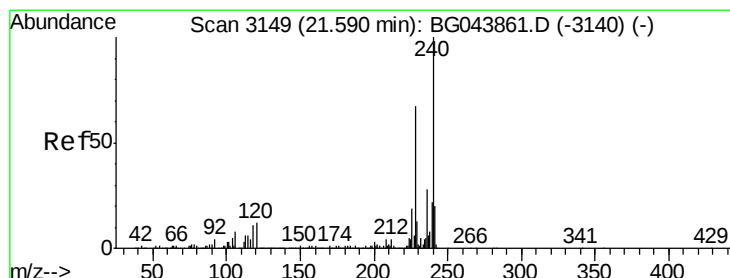
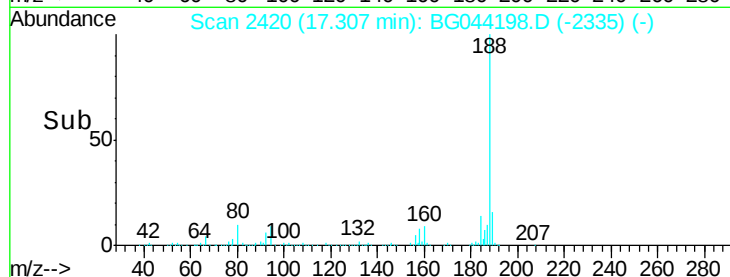
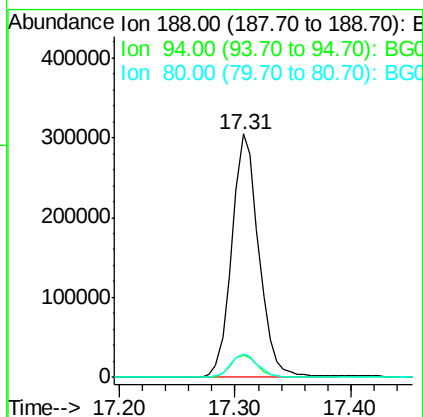
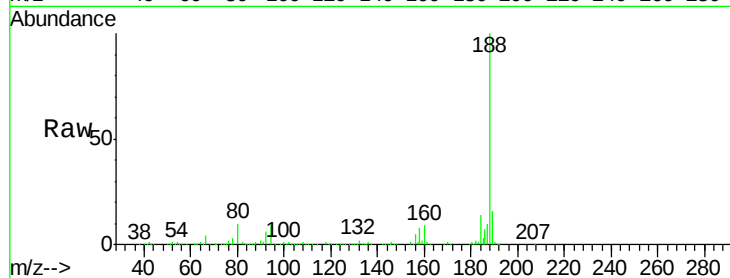




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044198.D
Acq: 25 Jan 2020 2:29

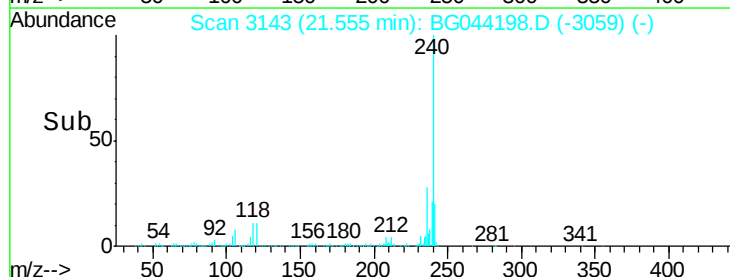
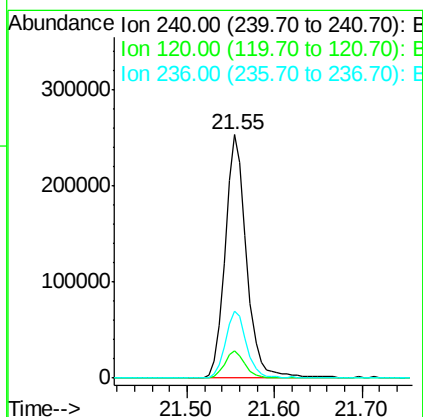
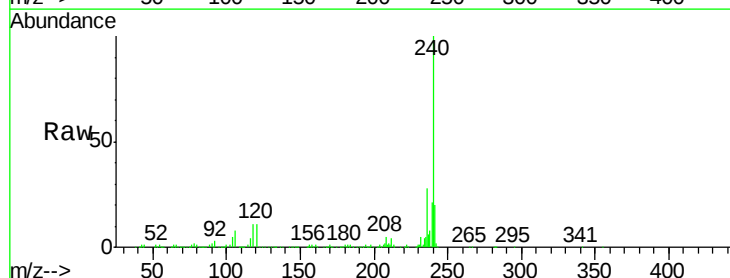
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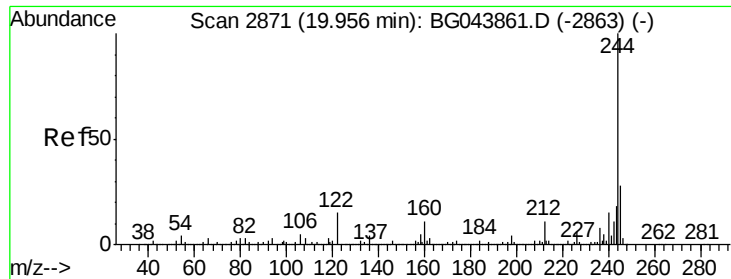
Tot Ion:188 Resp: 495145
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 9.8 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044198.D
Acq: 25 Jan 2020 2:29

Tgt Ion:240 Resp: 425819
Ion Ratio Lower Upper
240 100
120 11.3 9.6 14.4
236 27.6 22.2 33.2





#79

Terphenyl-d14

Concen: 97.341 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044198.D

Acq: 25 Jan 2020 2:29

Instrument :

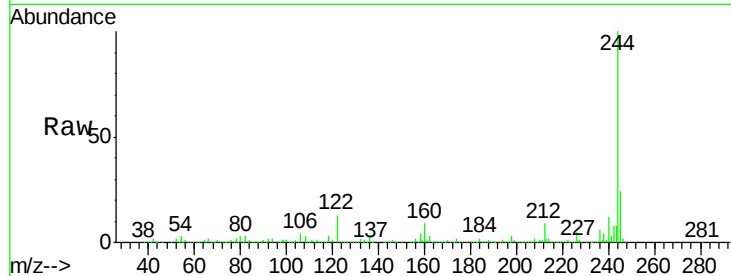
BNA_G

ClientSampleId :

PB126331TB

Tot Ion:244 Resp: 1656268

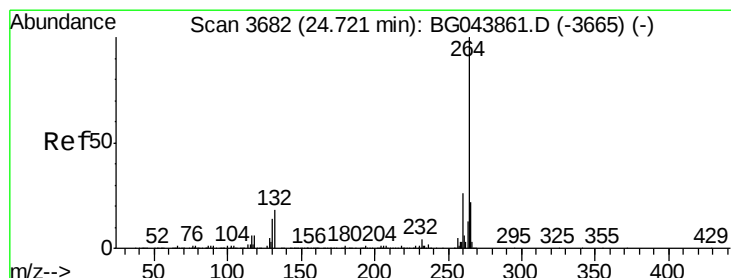
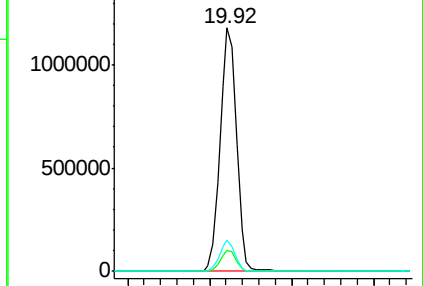
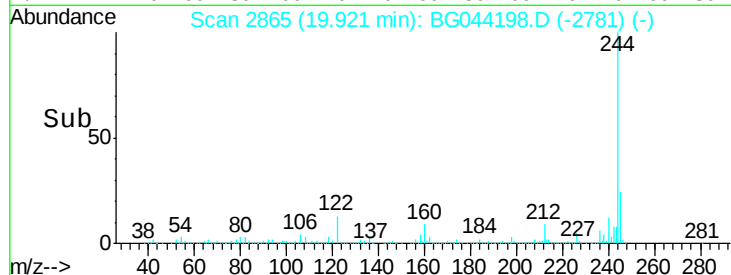
Ion	Ratio	Lower	Upper
244	100		
212	8.8	8.6	13.0
122	12.7	11.9	17.9



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: 24.66 min Scan# 3672

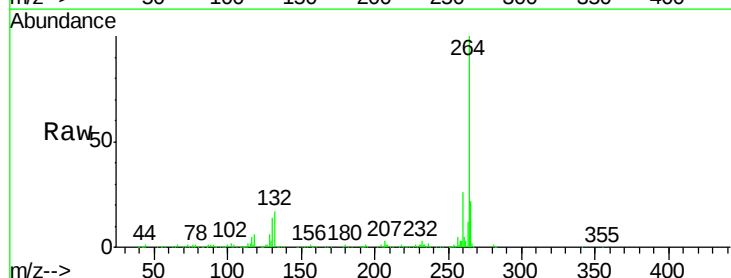
Delta R.T. -0.06 min

Lab File: BG044198.D

Acq: 25 Jan 2020 2:29

Tgt Ion:264 Resp: 471615

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.4	30.6
265	21.6	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

