

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
 Data File : BG044196.D
 Acq On : 25 Jan 2020 1:11
 Operator : CG/JU
 Sample : PB126331BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126331BL

Quant Time: Jan 27 04:05:16 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	85294	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	367482	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	254124	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	510743	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	436657	20.00	ng	-0.03
87) Perylene-d12	24.67	264	482975	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	645507	138.96	ng	-0.03
7) Phenol-d6	7.10	99	840393	129.42	ng	-0.02
23) Nitrobenzene-d5	9.09	82	506287	73.70	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	298619	112.29	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1217230	86.78	ng	-0.03
79) Terphenyl-d14	19.92	244	1699188	97.40	ng	-0.03

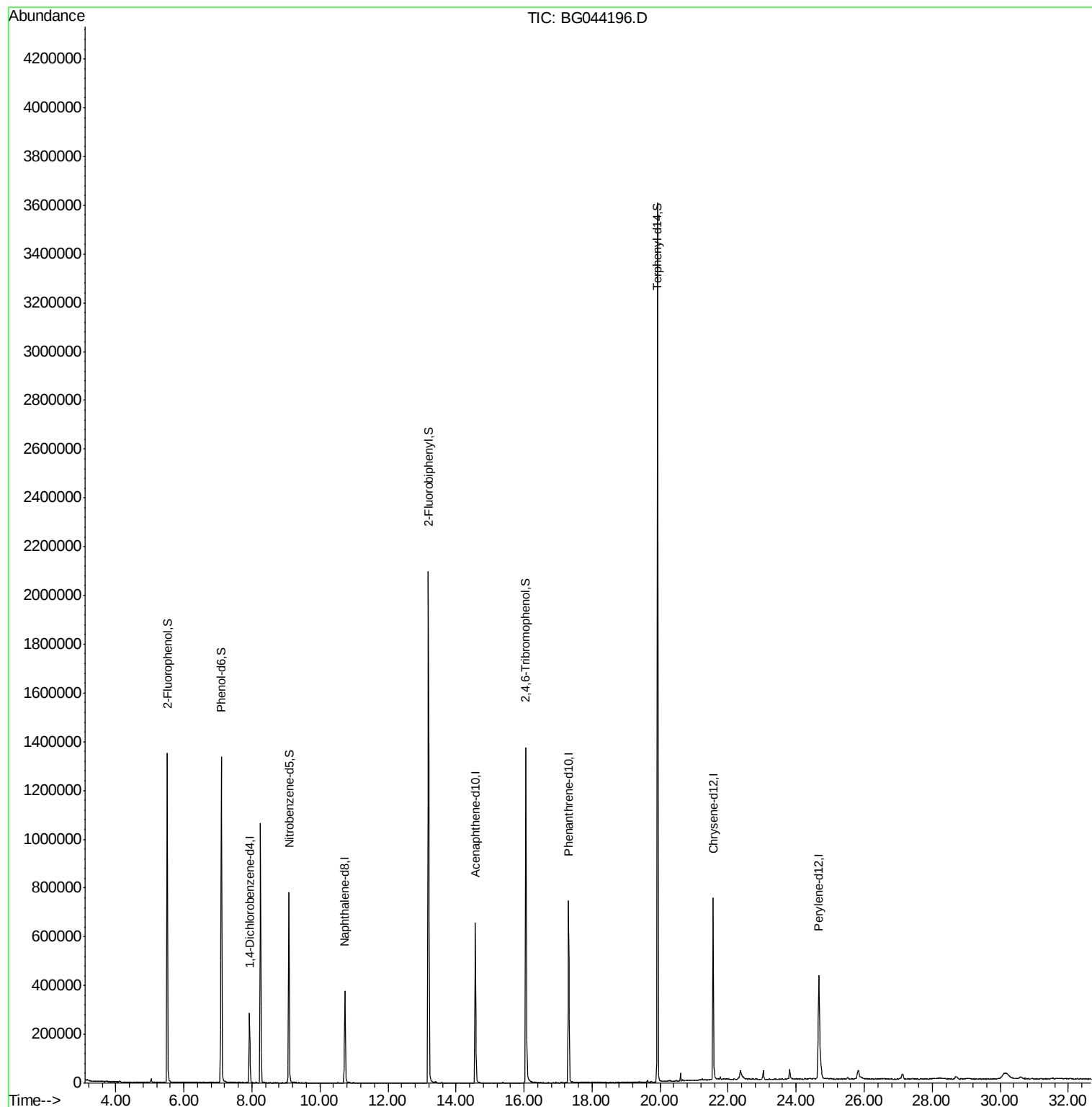
Target Compounds Qvalue

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

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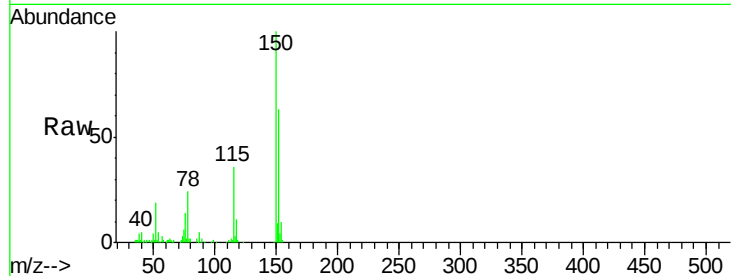


#1

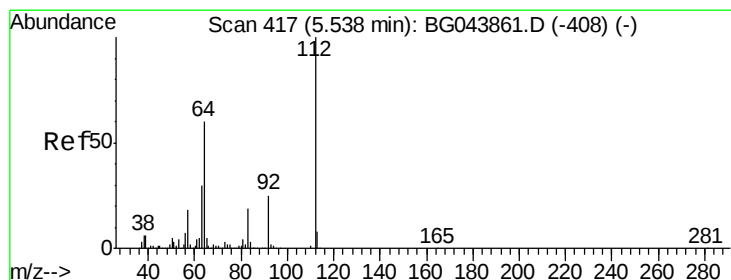
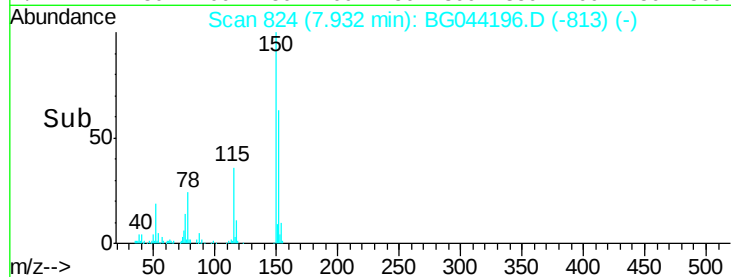
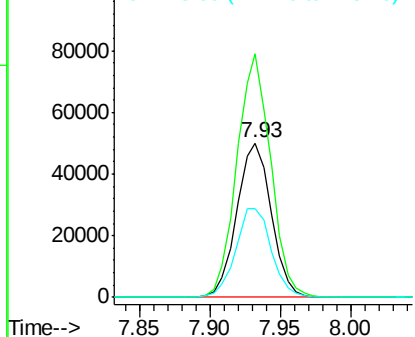
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044196.D
Acq: 25 Jan 2020 1:11

Instrument :
BNA_G
ClientSampleId :
PB126331BL

Tot Ion:152 Resp: 85294
Ion Ratio Lower Upper
152 100
150 157.6 127.0 190.4
115 57.5 47.8 71.8



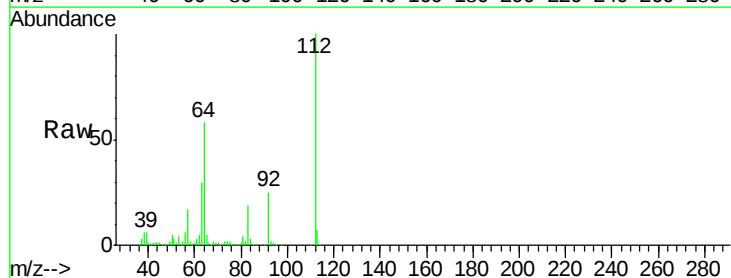
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



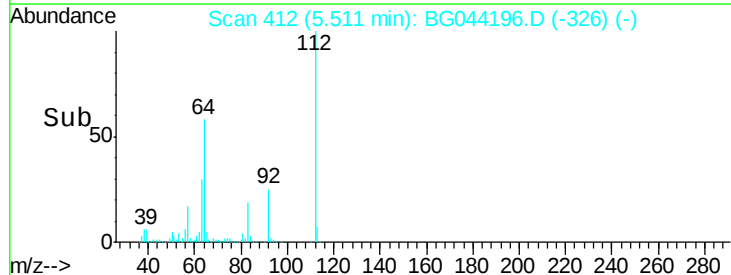
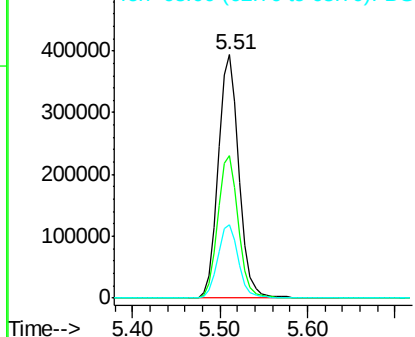
#5

2-Fluorophenol
Concen: 138.958 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044196.D
Acq: 25 Jan 2020 1:11

Tgt Ion:112 Resp: 645507
Ion Ratio Lower Upper
112 100
64 58.3 47.8 71.6
63 29.9 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: 129.424 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044196.D

Acq: 25 Jan 2020 1:11

Instrument :

BNA_G

ClientSampleId :

PB126331BL

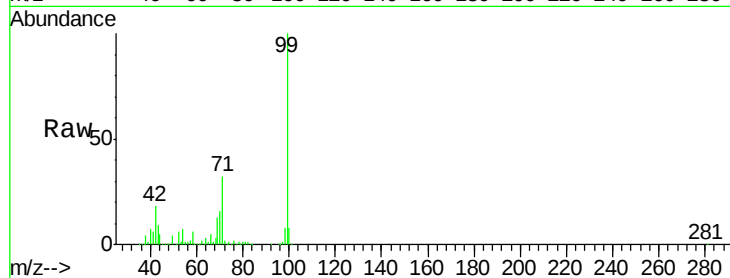
Tot Ion: 99 Resp: 840393

Ion Ratio Lower Upper

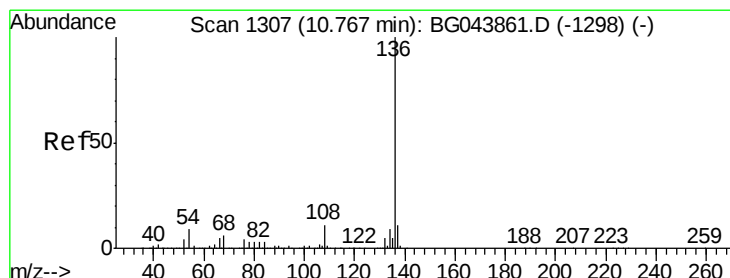
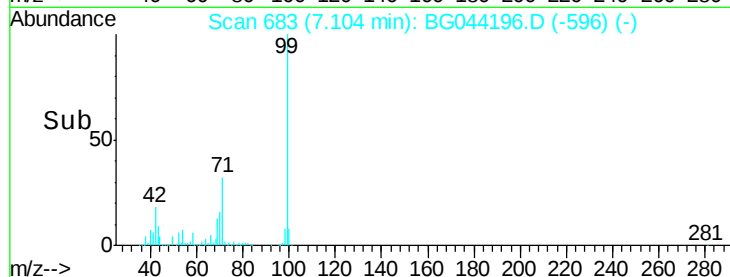
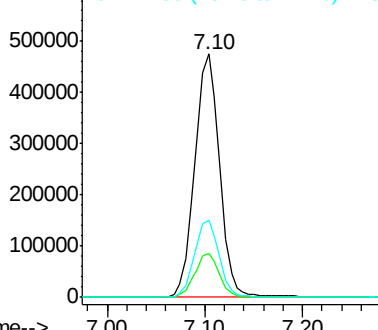
99 100

42 18.2 14.9 22.3

71 31.6 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: BG044196.D

Acq: 25 Jan 2020 1:11

Tgt Ion: 136 Resp: 367482

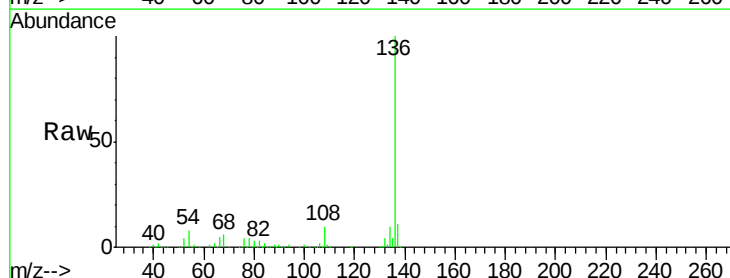
Ion Ratio Lower Upper

136 100

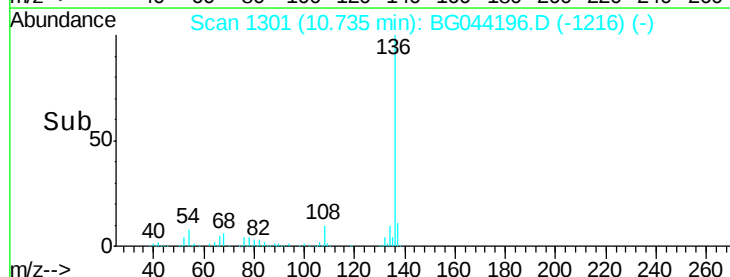
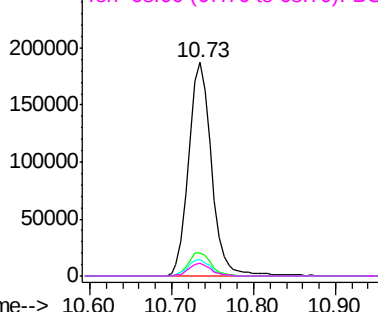
137 10.9 8.8 13.2

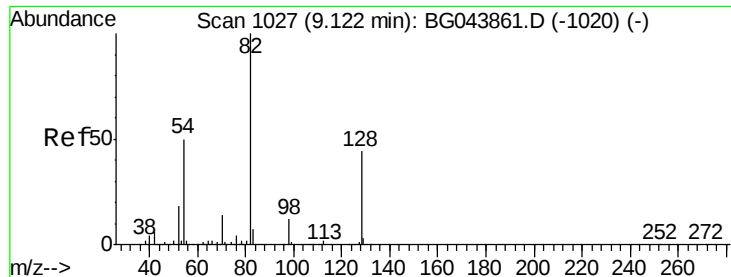
54 8.0 7.0 10.4

68 6.3 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

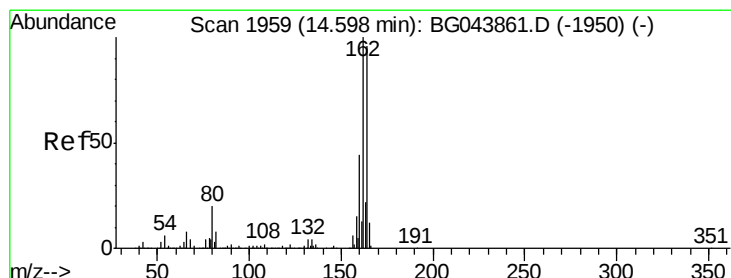
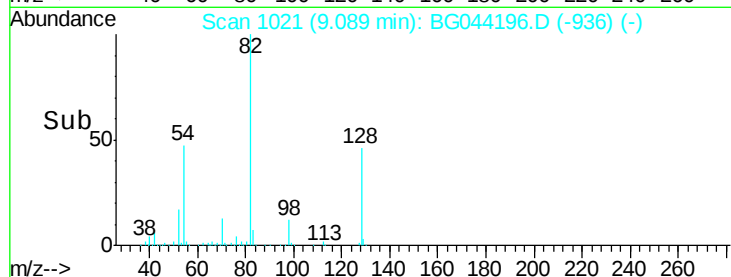
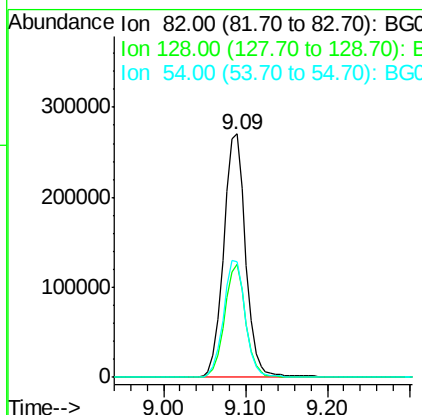
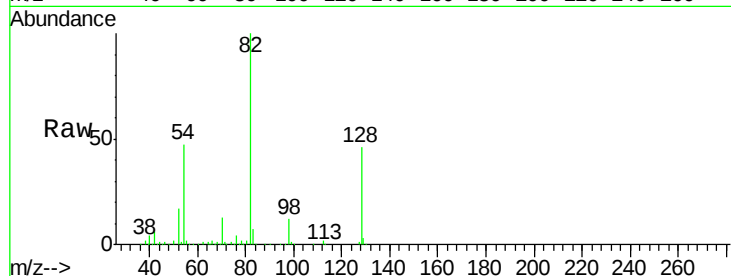




#23
Nitrobenzene-d5
Concen: 73.702 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044196.D
Acq: 25 Jan 2020 1:11

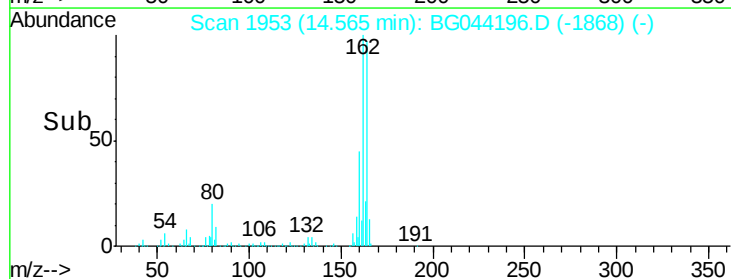
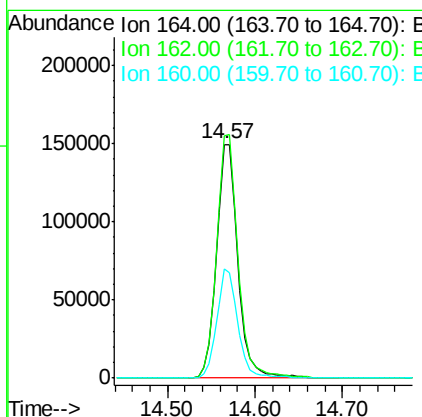
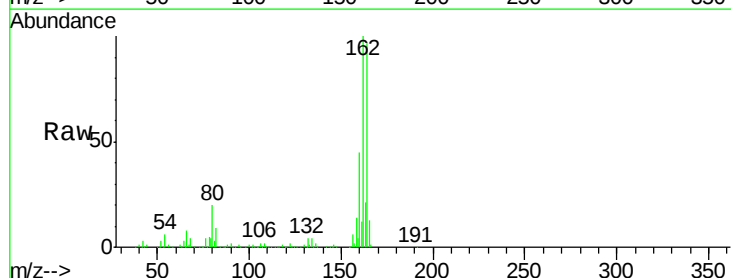
Instrument :
BNA_G
ClientSampleId :
PB126331BL

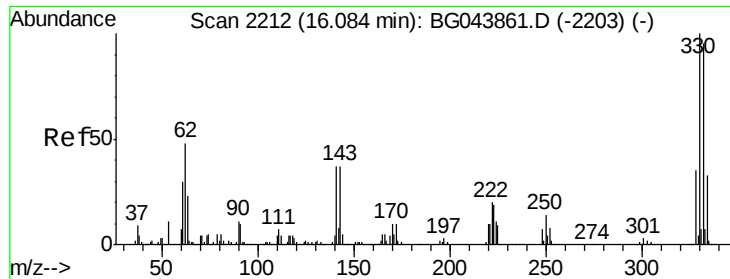
Tot Ion	82	Resp	506287
Ion Ratio	Lower	Upper	
82	100		
128	46.3	35.1	52.7
54	47.5	40.1	60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BG044196.D
Acq: 25 Jan 2020 1:11

Tgt Ion	164	Resp	254124
Ion Ratio	Lower	Upper	
164	100		
162	103.6	83.0	124.4
160	46.5	36.1	54.1

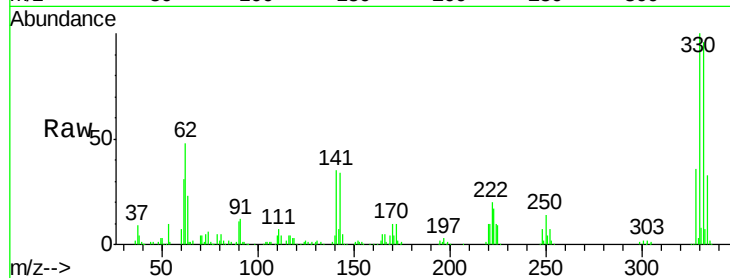




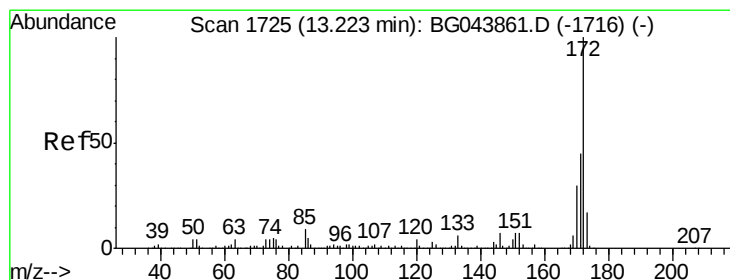
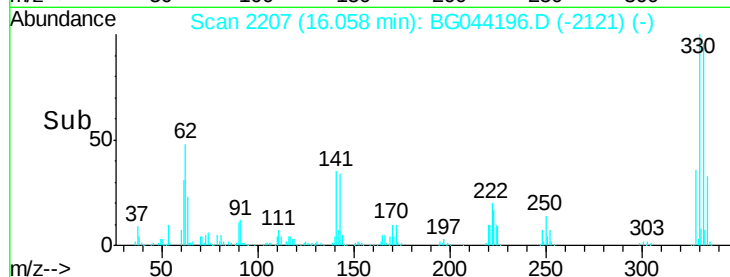
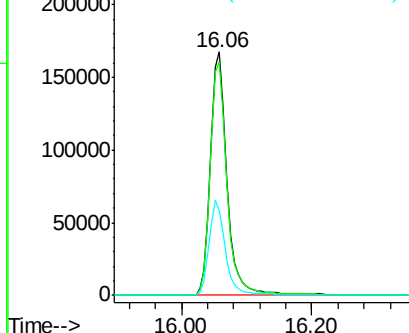
#42
 2,4,6-Tribromophenol
 Concen: 112.290 ng
 RT: 16.06 min Scan# 2207
 Delta R.T. -0.03 min
 Lab File: BG044196.D
 Acq: 25 Jan 2020 1:11

Instrument :
 BNA_G
 ClientSampleId :
 PB126331BL

Tot Ion:330 Resp: 298619
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.2 115.8
 141 38.1 33.1 49.7

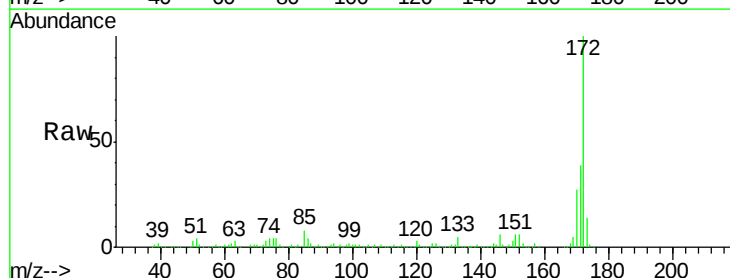


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

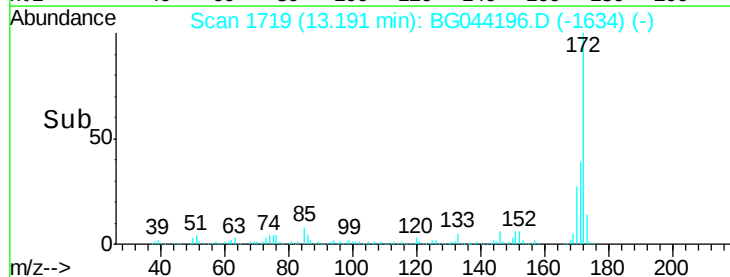
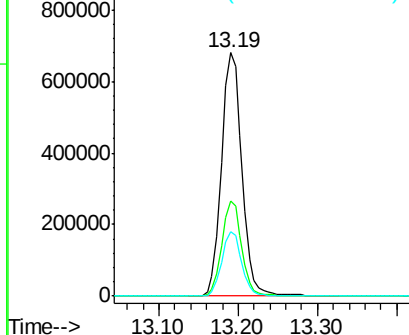


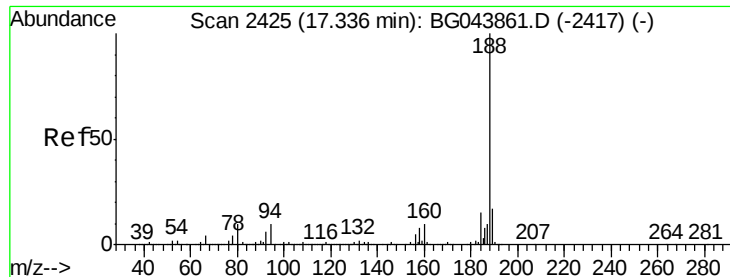
#45
 2-Fluorobiphenyl
 Concen: 86.782 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.03 min
 Lab File: BG044196.D
 Acq: 25 Jan 2020 1:11

Tgt Ion:172 Resp: 1217230
 Ion Ratio Lower Upper
 172 100
 171 38.9 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: BG044196.D

Acq: 25 Jan 2020 1:11

Instrument :

BNA_G

ClientSampleId :

PB126331BL

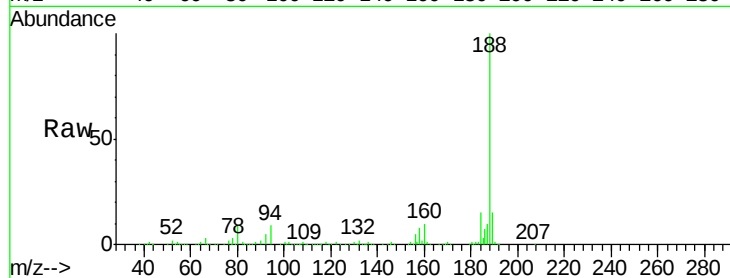
Tot Ion:188 Resp: 510743

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 9.4 8.2 12.4

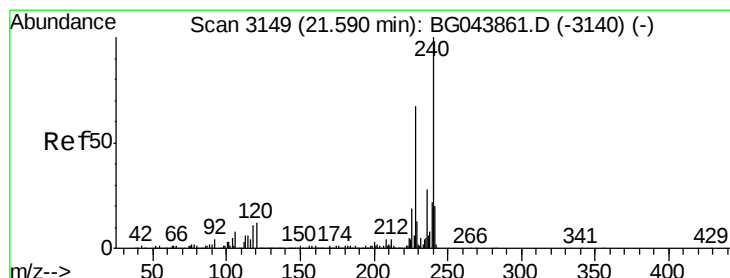
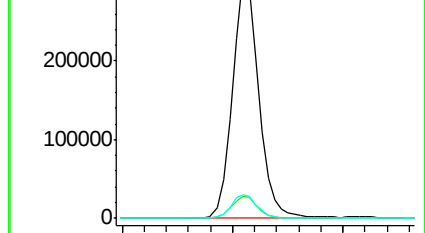
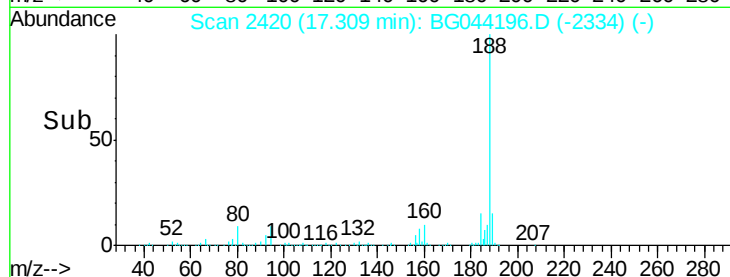


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B

Time--> 17.20 17.30 17.40



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3143

Delta R.T. -0.03 min

Lab File: BG044196.D

Acq: 25 Jan 2020 1:11

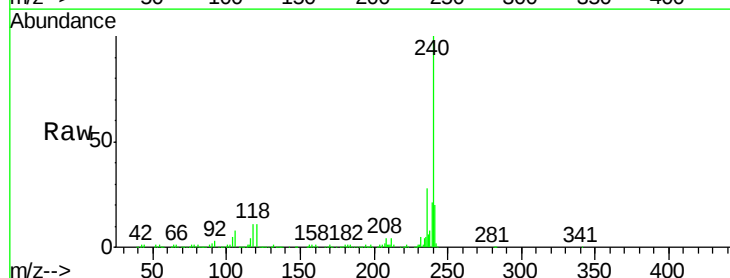
Tgt Ion:240 Resp: 436657

Ion Ratio Lower Upper

240 100

120 10.6 9.6 14.4

236 27.9 22.2 33.2

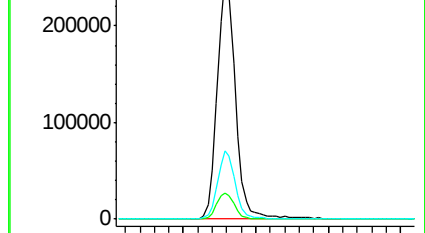
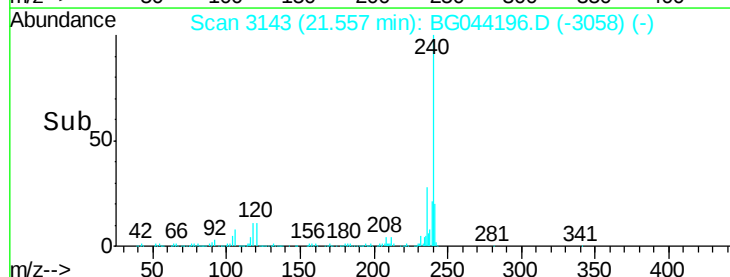


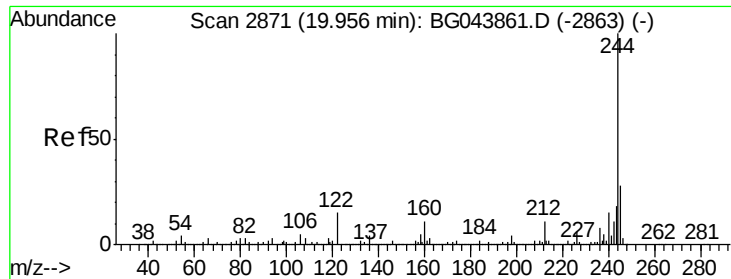
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time--> 21.50 21.60 21.70





#79

Terphenyl-d14

Concen: 97.403 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044196.D

Acq: 25 Jan 2020 1:11

Instrument :

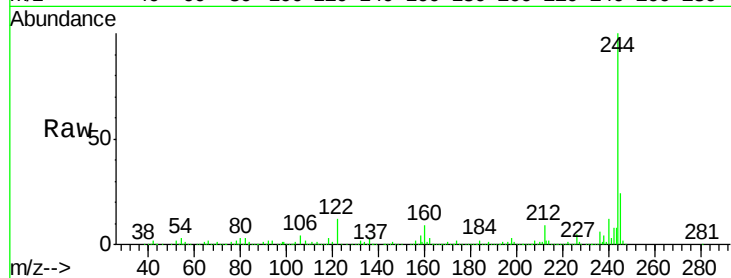
BNA_G

ClientSampleId :

PB126331BL

Tot Ion:244 Resp: 1699188

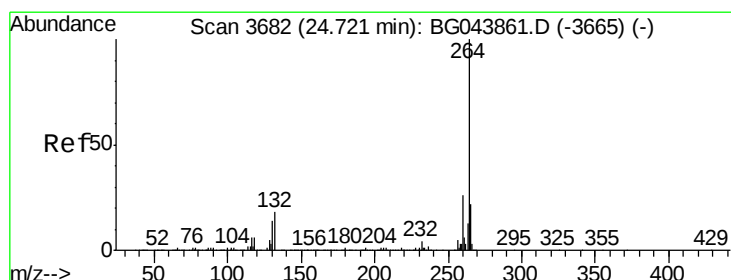
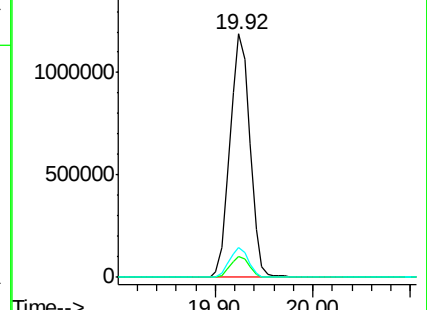
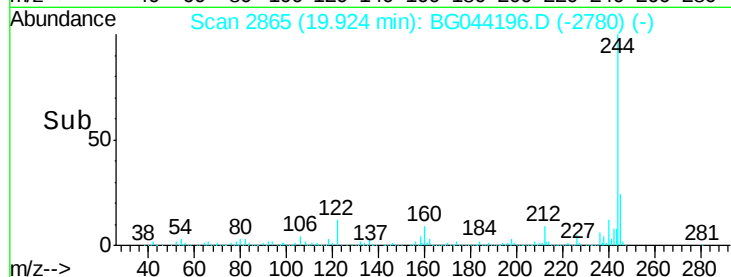
Ion	Ratio	Lower	Upper
244	100		
212	8.8	8.6	13.0
122	12.5	11.9	17.9



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: 24.67 min Scan# 3673

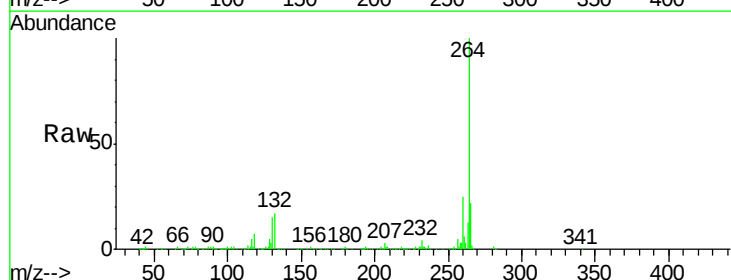
Delta R.T. -0.05 min

Lab File: BG044196.D

Acq: 25 Jan 2020 1:11

Tgt Ion:264 Resp: 482975

Ion	Ratio	Lower	Upper
264	100		
260	25.1	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

