

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\
 Data File : BG044080.D
 Acq On : 17 Jan 2020 18:39
 Operator : JU
 Sample : PB126101BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126101BL

Quant Time: Jan 18 03:37:08 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	76513	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	325671	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	234433	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	520909	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	436550	20.00	ng	-0.03
87) Perylene-d12	24.67	264	483480	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	451243	108.29	ng	-0.03
7) Phenol-d6	7.10	99	425619	73.07	ng	-0.02
23) Nitrobenzene-d5	9.09	82	536510	88.13	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	405747	165.39	ng	-0.03
45) 2-Fluorobiphenyl	13.20	172	1262147	97.54	ng	-0.03
79) Terphenyl-d14	19.93	244	1959840	119.80	ng	-0.03

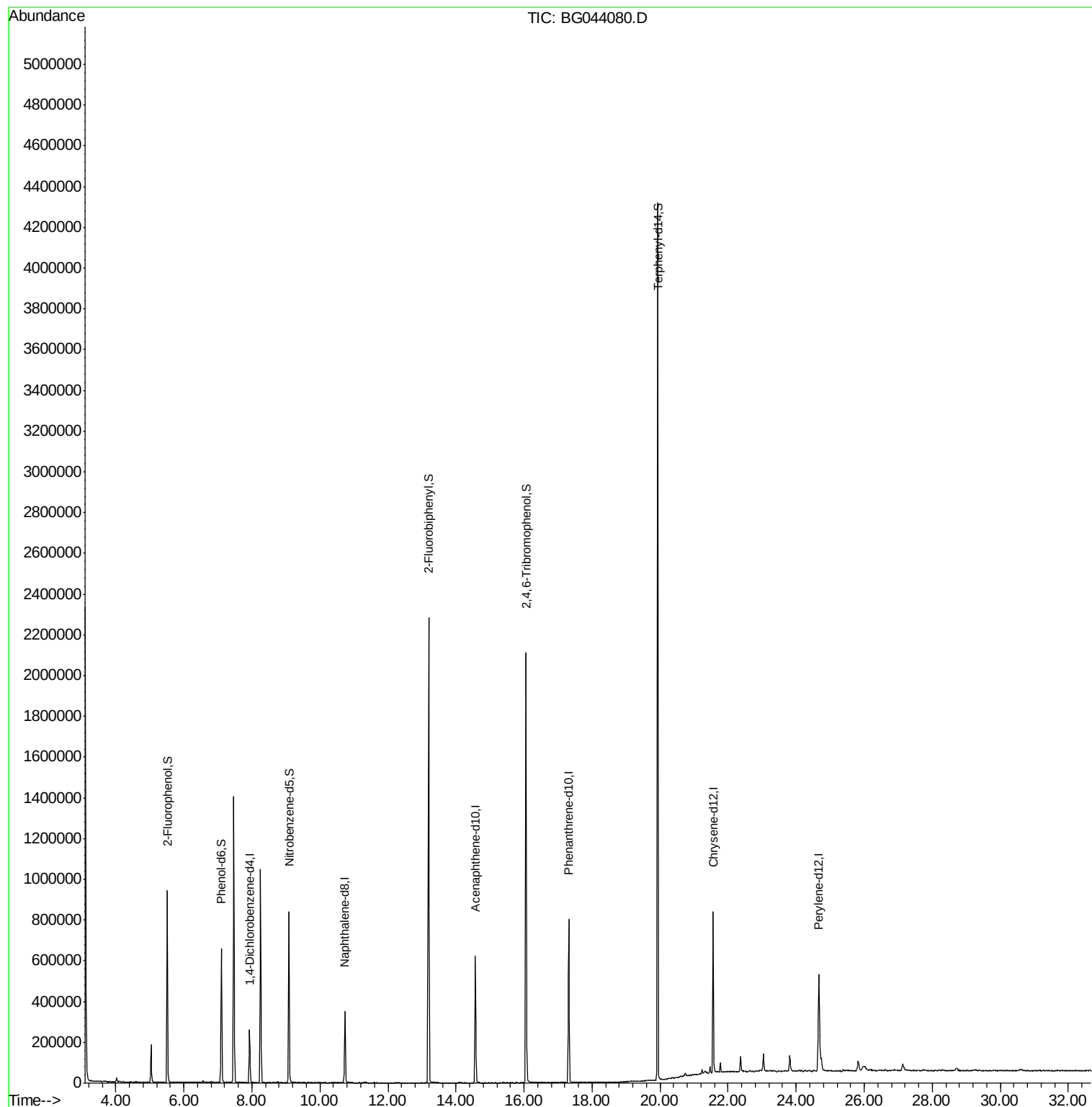
Target Compounds Qvalue

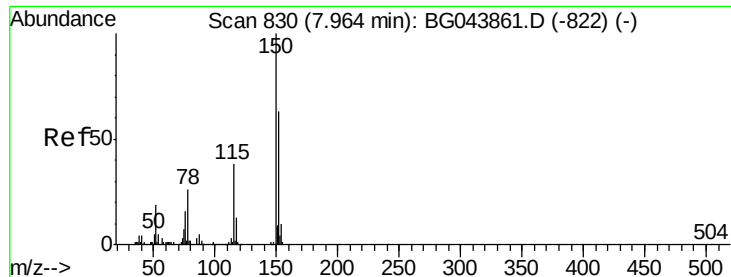
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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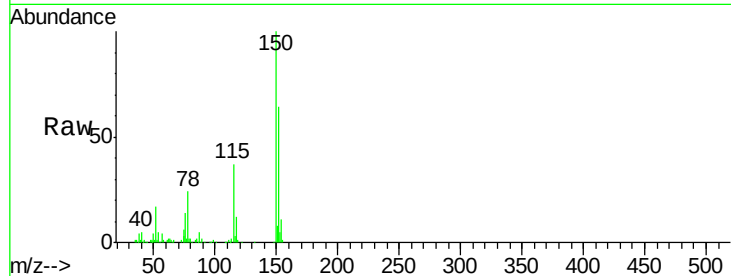


#1

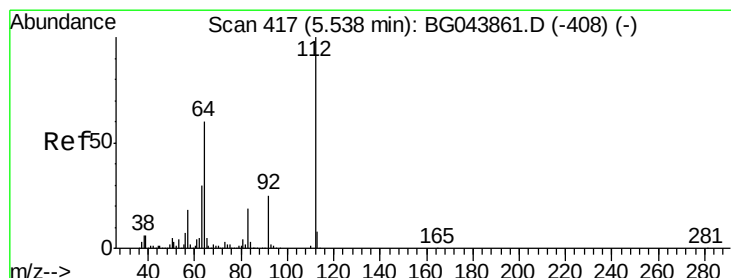
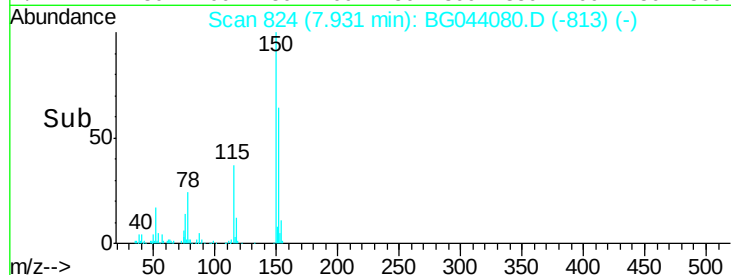
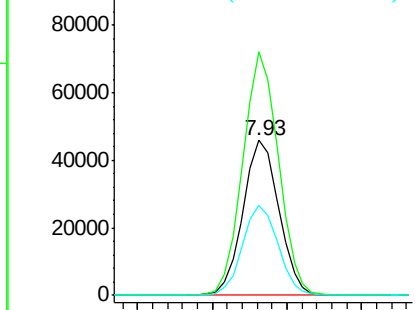
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

Instrument :
BNA_G
ClientSampleId :
PB126101BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	127.0	190.4
115	58.3	47.8	71.8



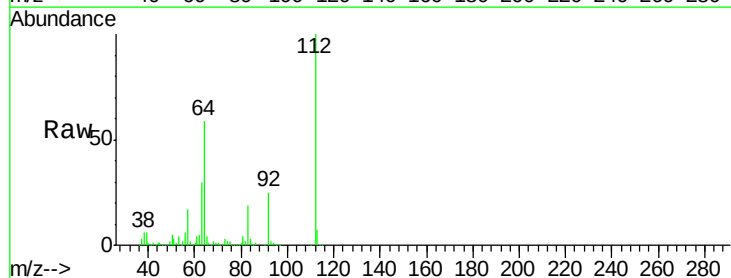
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



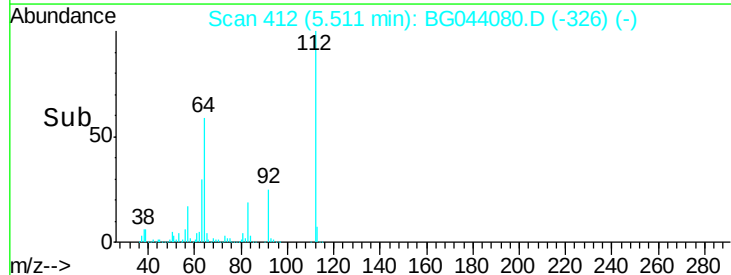
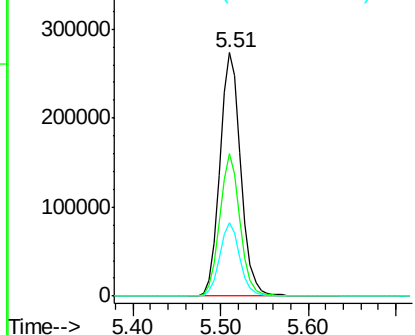
#5

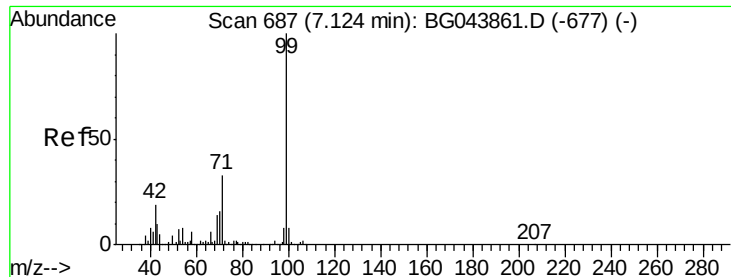
2-Fluorophenol
Concen: 108.287 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	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: 73.070 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044080.D

Acq: 17 Jan 2020 18:39

Instrument :

BNA_G

ClientSampleId :

PB126101BL

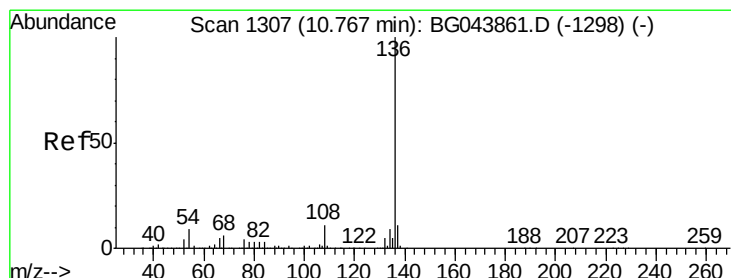
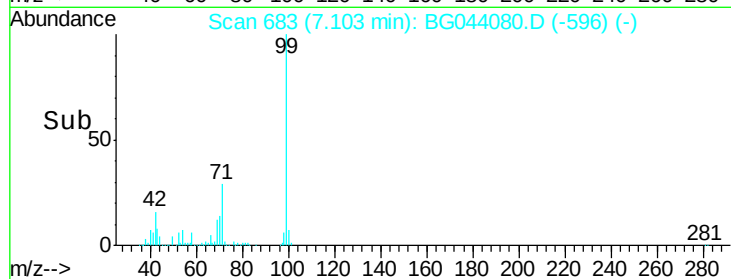
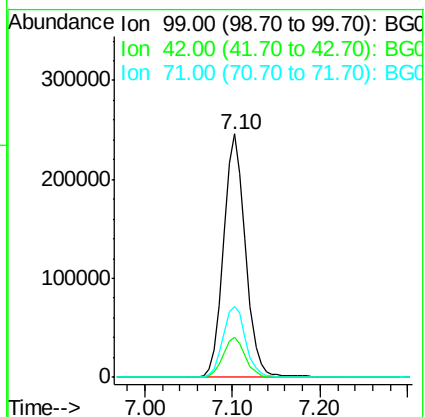
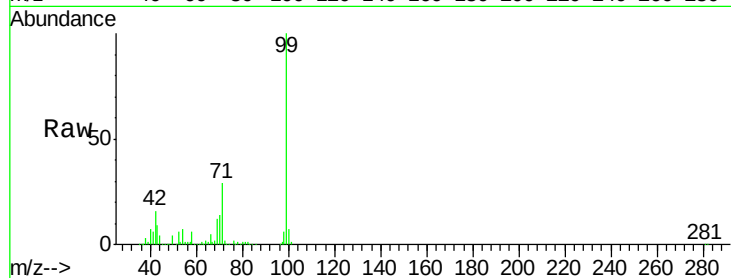
Tot Ion: 99 Resp: 425619

Ion Ratio Lower Upper

99 100

42 16.4 14.9 22.3

71 29.2 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BG044080.D

Acq: 17 Jan 2020 18:39

Tgt Ion: 136 Resp: 325671

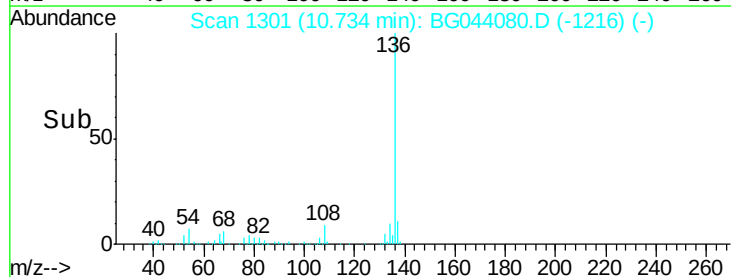
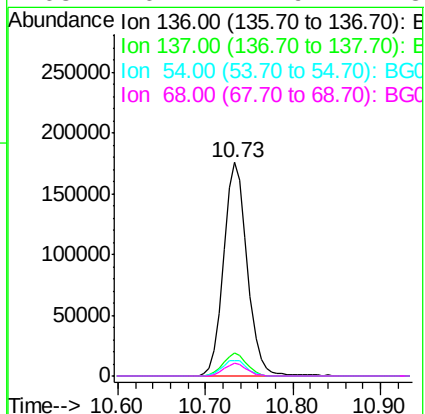
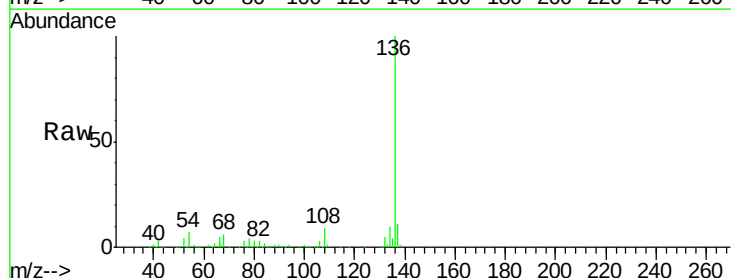
Ion Ratio Lower Upper

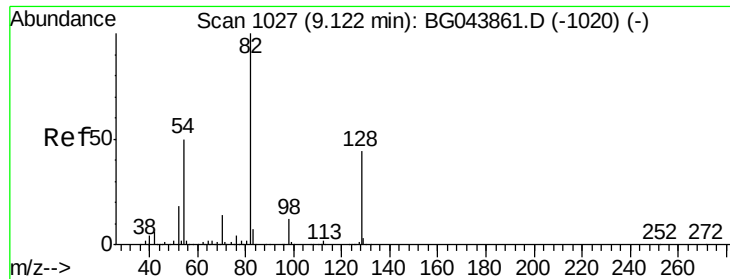
136 100

137 10.8 8.8 13.2

54 7.0 7.0 10.4

68 6.1 4.9 7.3

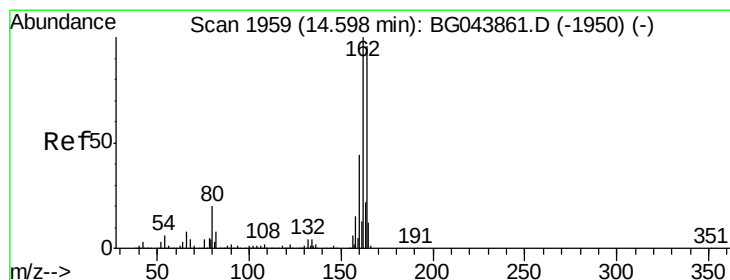
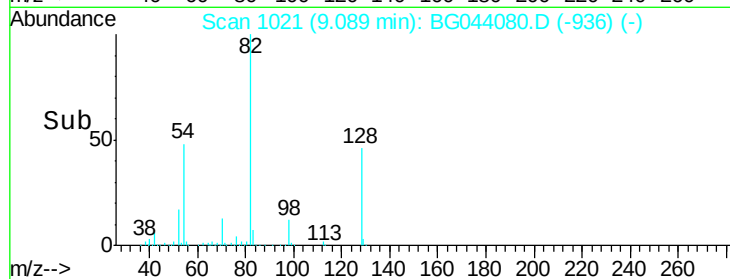
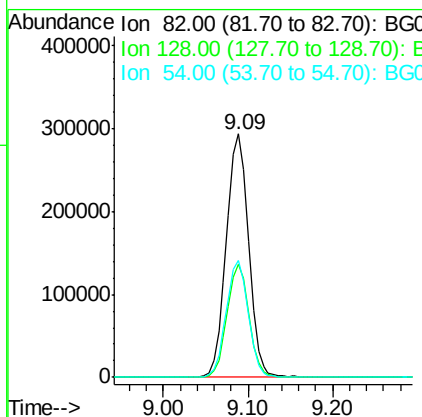
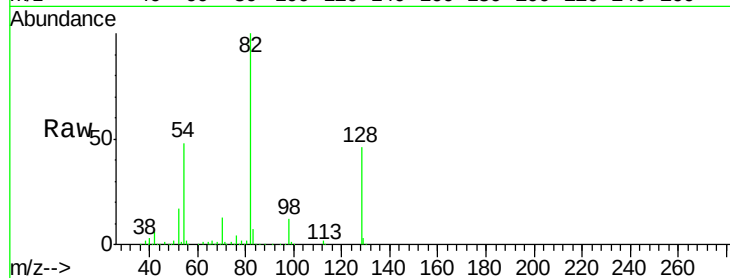




#23
Nitrobenzene-d5
Concen: 88.129 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

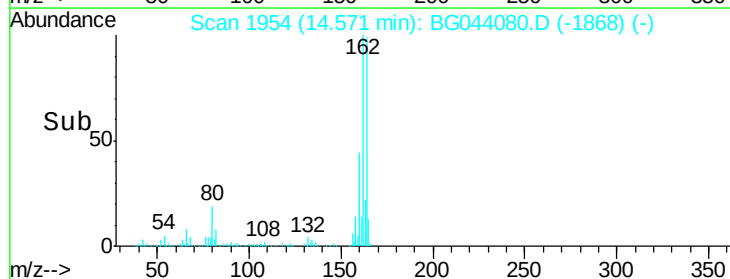
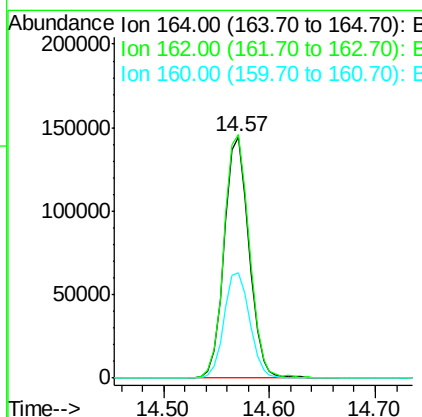
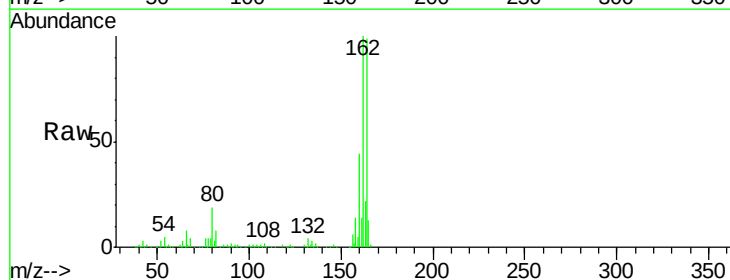
Instrument :
BNA_G
ClientSampleId :
PB126101BL

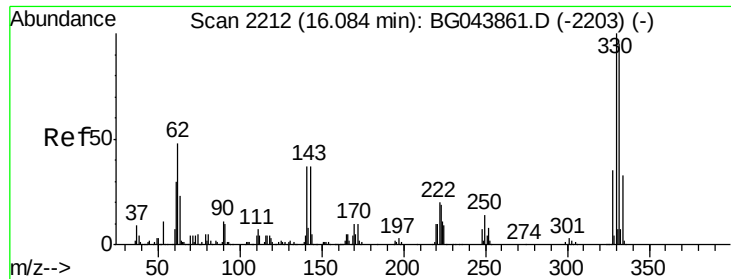
Tot Ion	82	Resp	536510
Ion Ratio	Lower	Upper	
82	100		
128	46.2	35.1	52.7
54	48.1	40.1	60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

Tgt Ion	164	Resp	234433
Ion Ratio	Lower	Upper	
164	100		
162	101.0	83.0	124.4
160	44.0	36.1	54.1

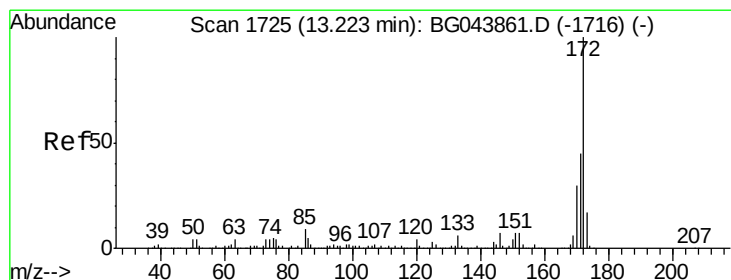
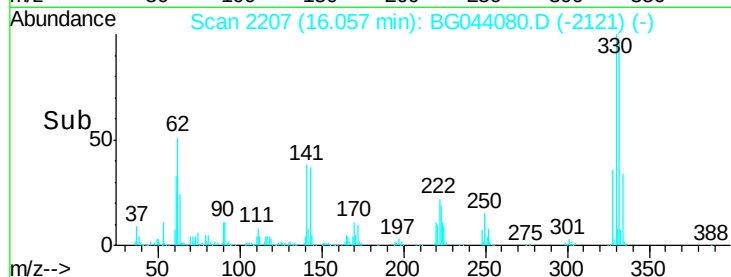
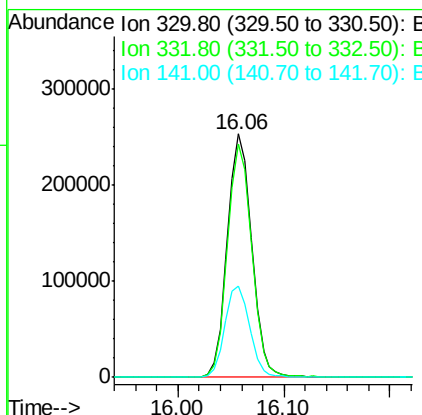
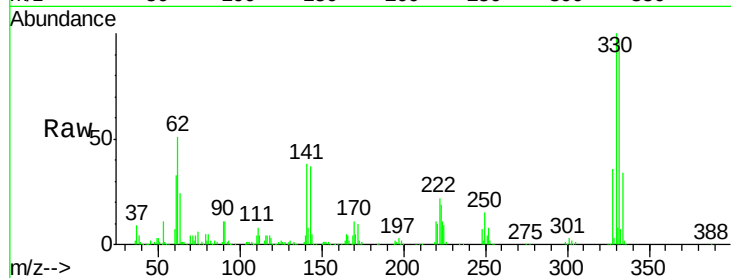




#42
 2,4,6-Tribromophenol
 Concen: 165.389 ng
 RT: 16.06 min Scan# 2207
 Delta R.T. -0.03 min
 Lab File: BG044080.D
 Acq: 17 Jan 2020 18:39

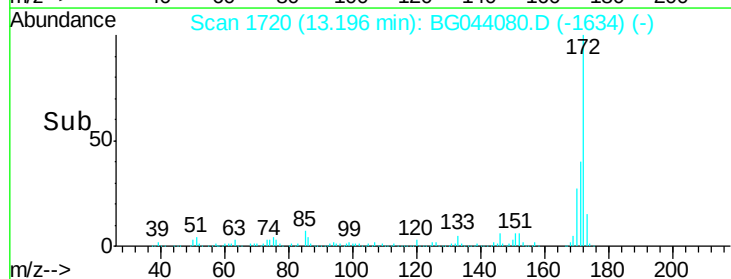
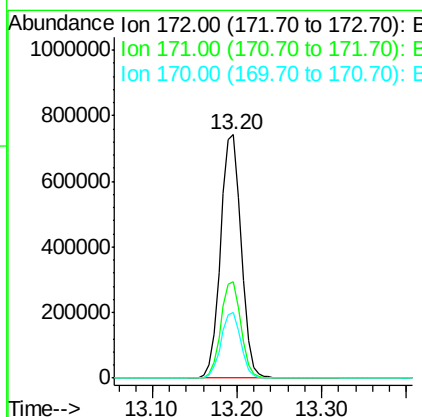
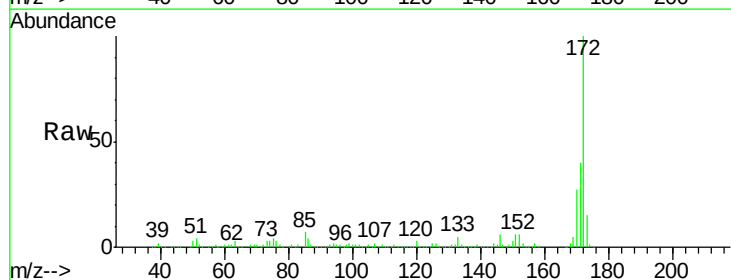
Instrument :
 BNA_G
 ClientSampleId :
 PB126101BL

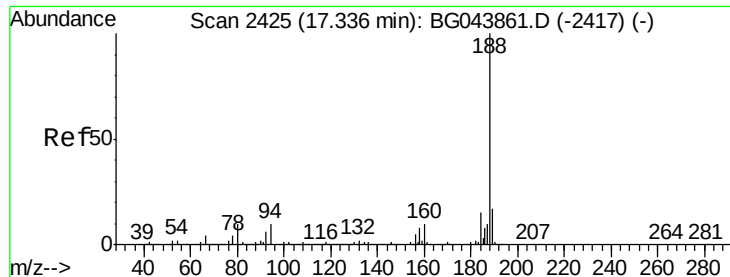
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.2	115.8
141	38.4	33.1	49.7



#45
 2-Fluorobiphenyl
 Concen: 97.543 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BG044080.D
 Acq: 17 Jan 2020 18:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	35.8	53.8
170	27.2	24.2	36.4

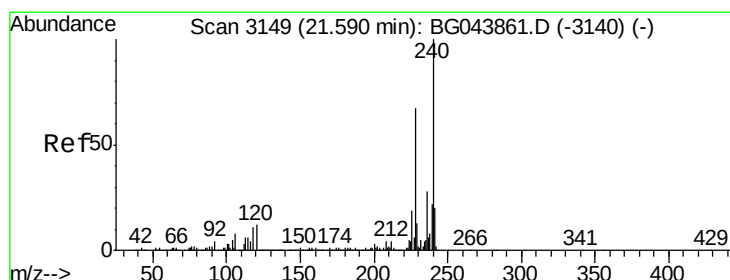
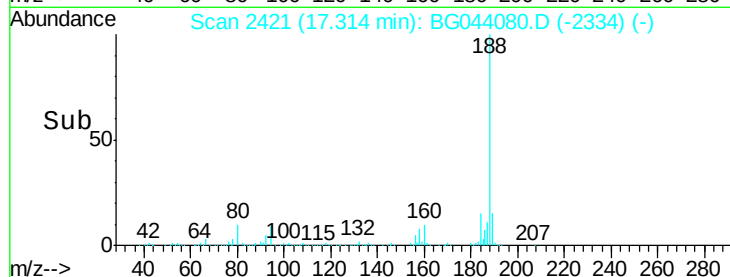
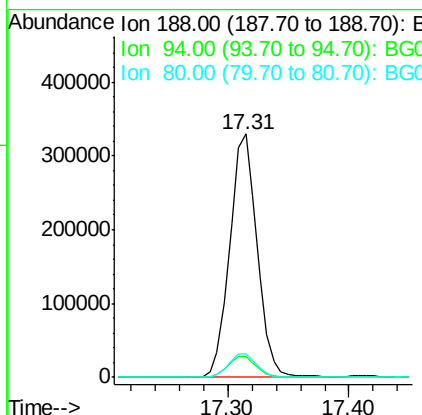
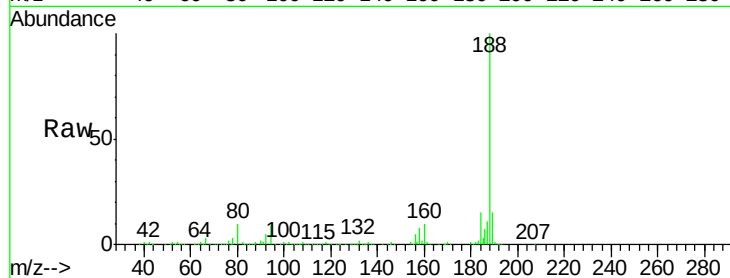




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

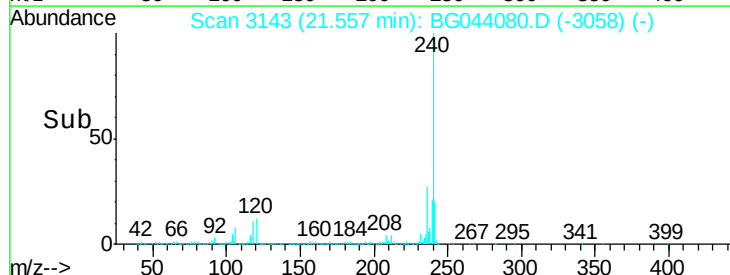
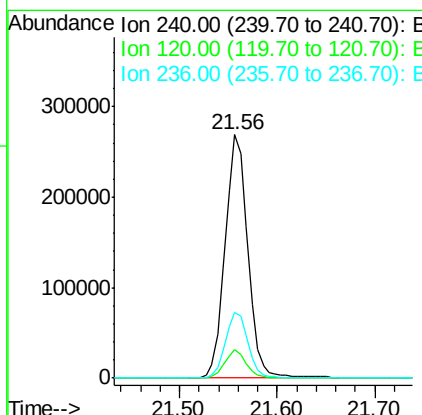
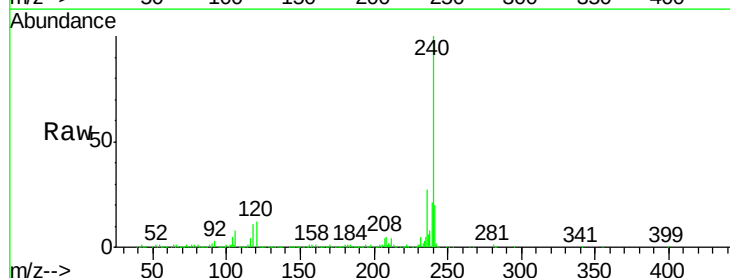
Instrument :
BNA_G
ClientSampleId :
PB126101BL

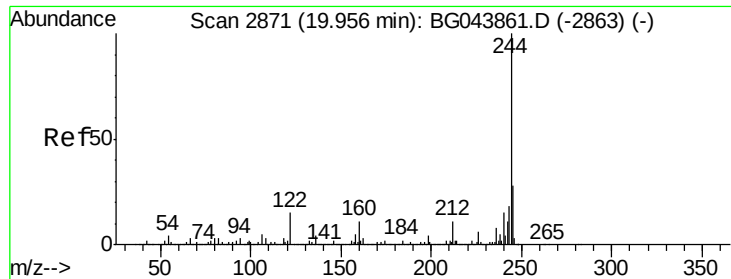
Tot Ion:188 Resp: 520909
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 9.8 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044080.D
Acq: 17 Jan 2020 18:39

Tgt Ion:240 Resp: 436550
Ion Ratio Lower Upper
240 100
120 11.6 9.6 14.4
236 27.2 22.2 33.2





#79

Terphenyl-d14

Concen: 119.799 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044080.D

Acq: 17 Jan 2020 18:39

Instrument :

BNA_G

ClientSampleId :

PB126101BL

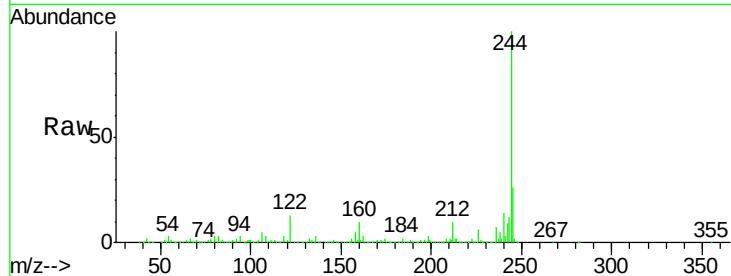
Tot Ion:244 Resp: 1959840

Ion Ratio Lower Upper

244 100

212 9.6 8.6 13.0

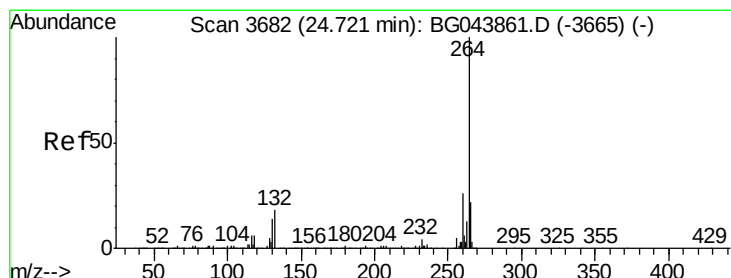
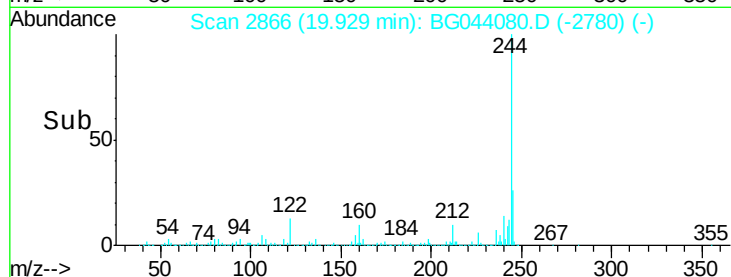
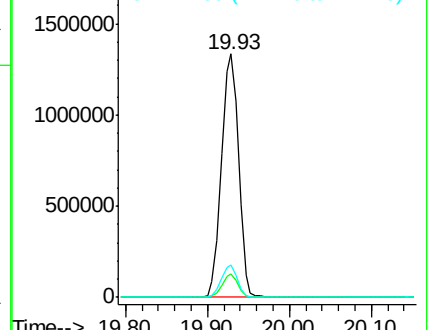
122 13.3 11.9 17.9



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: BG044080.D

Acq: 17 Jan 2020 18:39

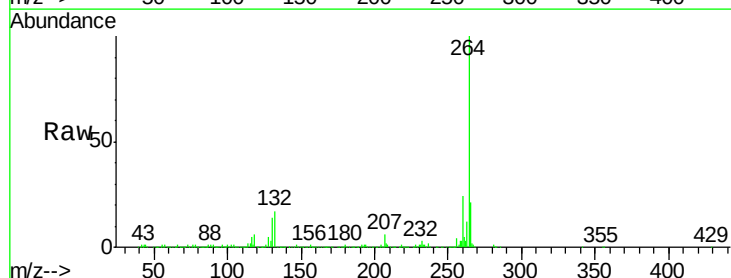
Tgt Ion:264 Resp: 483480

Ion Ratio Lower Upper

264 100

260 23.8 20.4 30.6

265 20.7 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

