

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044538.D
 Acq On : 21 Feb 2020 2:27
 Operator : CG/JU
 Sample : PB126886BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126886BL

Quant Time: Feb 21 07:45:32 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

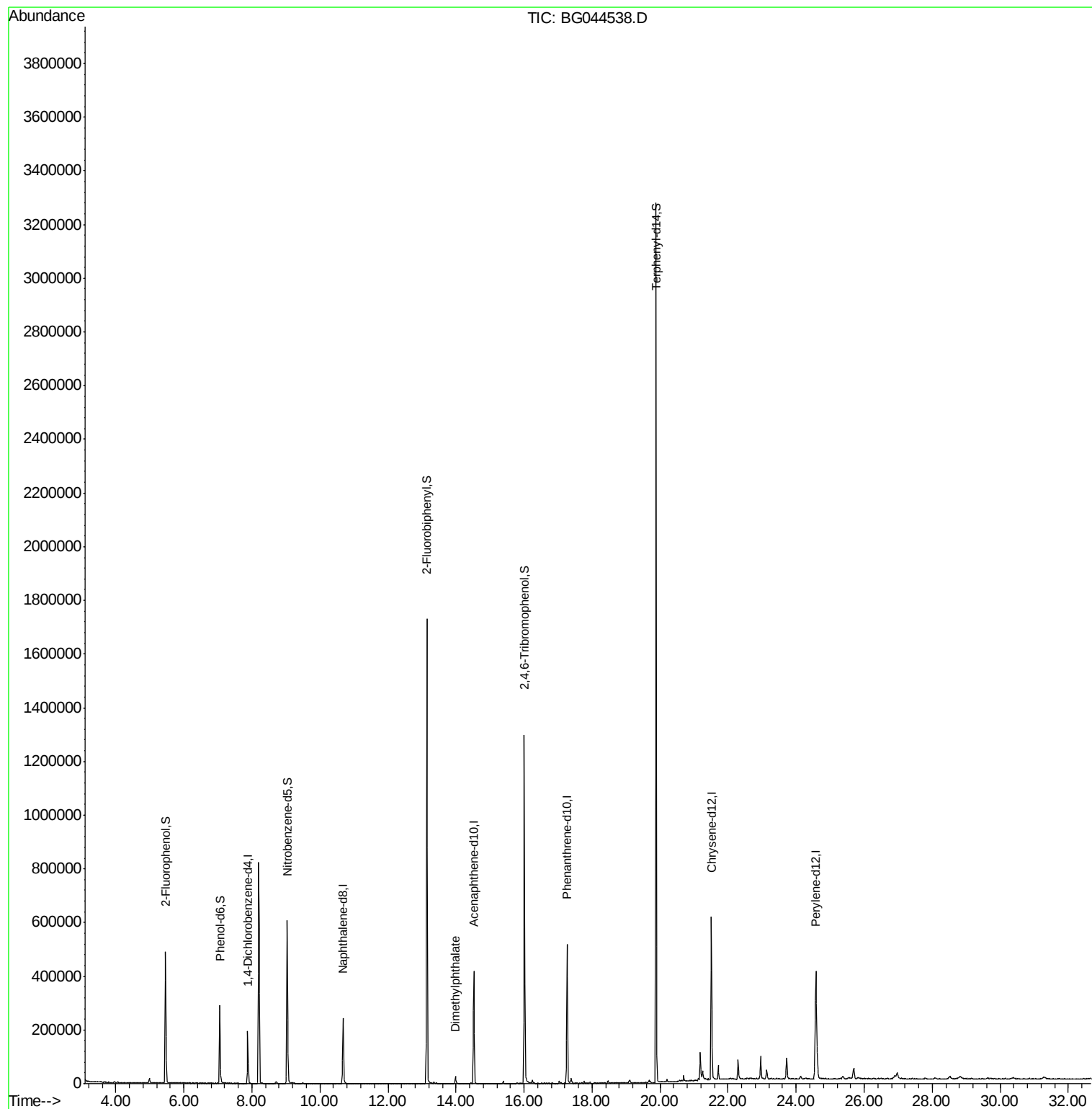
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	60273	20.00	ng	-0.03
21) Naphthalene-d8	10.68	136	242723	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	158812	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	354592	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	376022	20.00	ng	-0.03
87) Perylene-d12	24.58	264	399984	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	250484	73.34	ng	-0.02
7) Phenol-d6	7.06	99	204616	44.62	ng	-0.02
23) Nitrobenzene-d5	9.04	82	407488	94.78	ng	-0.03
42) 2,4,6-Tribromophenol	16.01	330	274095	147.02	ng	-0.02
45) 2-Fluorobiphenyl	13.14	172	957637	100.98	ng	-0.02
79) Terphenyl-d14	19.88	244	1612443	88.20	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.98	163	26507	2.322	ng	Qvalue # 97

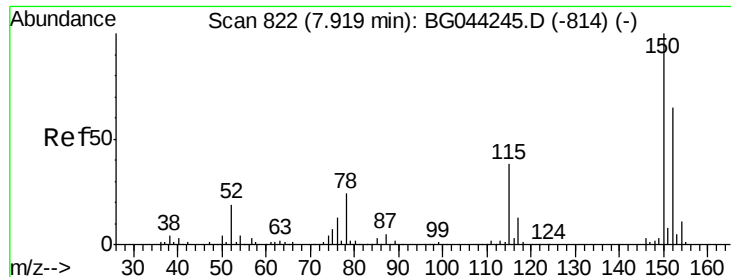
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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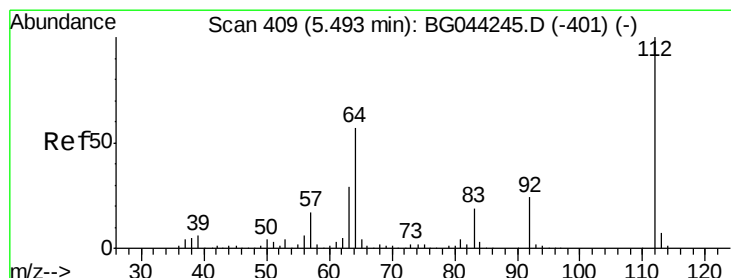
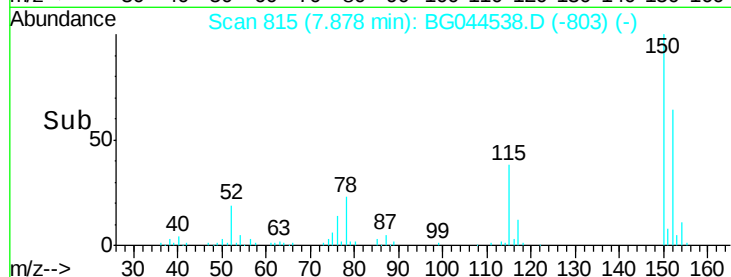
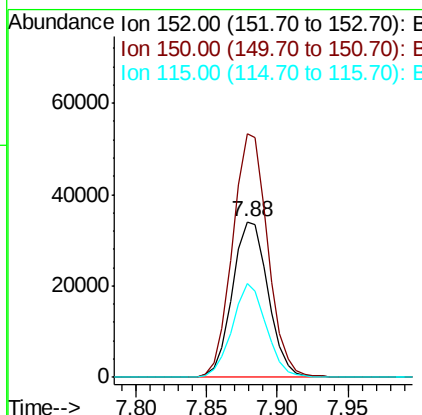
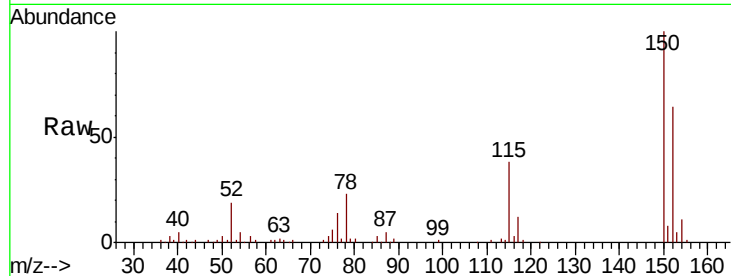


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.88 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BG044538.D
 Acq: 21 Feb 2020 2:27

Instrument :
 BNA_G
 ClientSampleId :
 PB126886BL

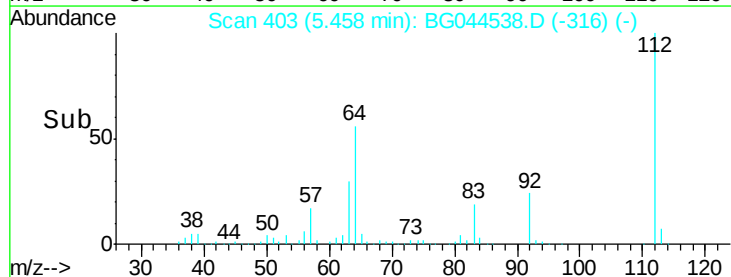
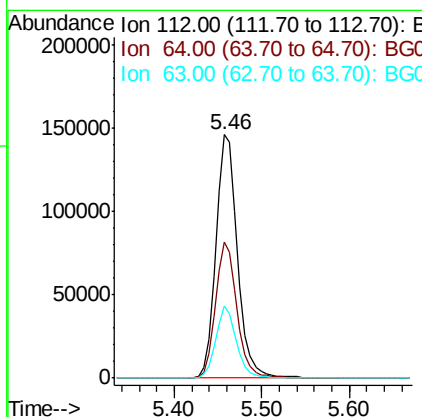
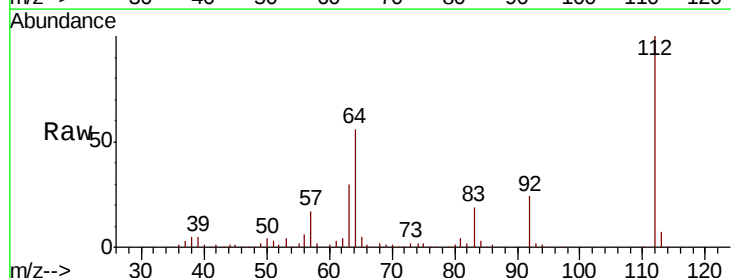
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.6	183.8
115	60.2	46.0	69.0

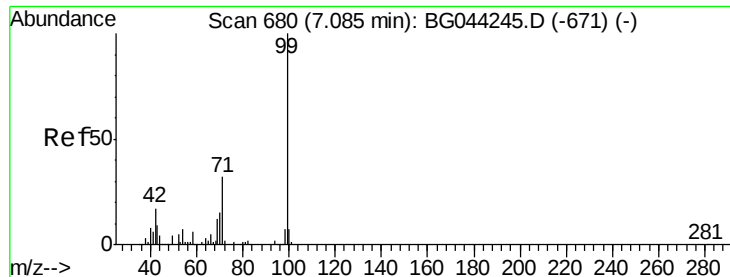


#5

2-Fluorophenol
 Concen: 73.344 ng
 RT: 5.46 min Scan# 403
 Delta R.T. -0.02 min
 Lab File: BG044538.D
 Acq: 21 Feb 2020 2:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	45.4	68.2
63	29.5	22.9	34.3





#7

Phenol-d6

Concen: 44.616 ng

RT: 7.06 min Scan# 675

Delta R.T. -0.02 min

Lab File: BG044538.D

Acq: 21 Feb 2020 2:27

Instrument :

BNA_G

ClientSampleId :

PB126886BL

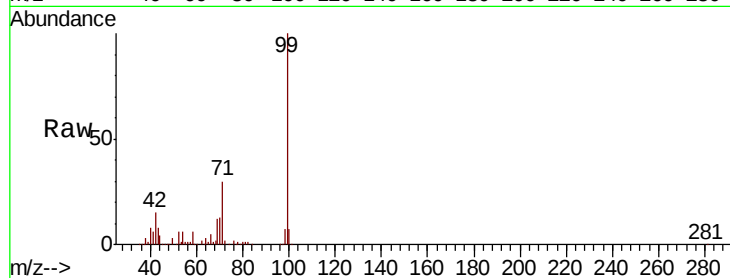
Tot Ion: 99 Resp: 204616

Ion Ratio Lower Upper

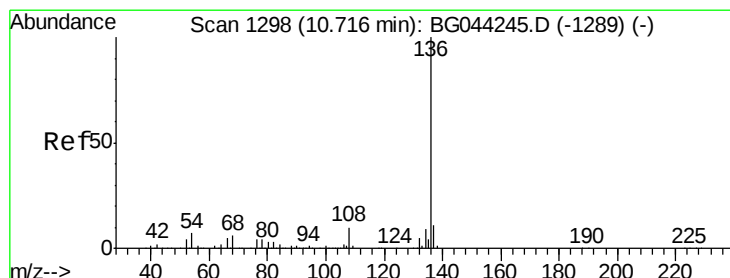
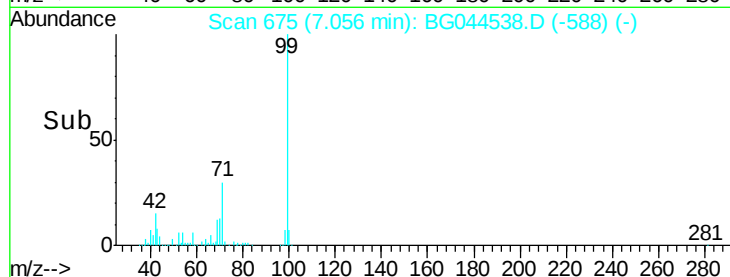
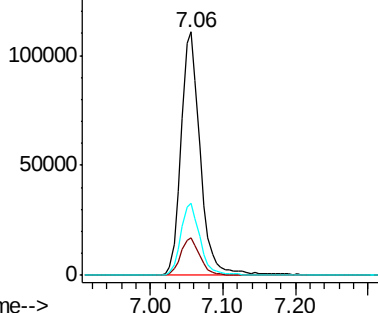
99 100

42 15.5 13.8 20.6

71 29.6 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: 10.68 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BG044538.D

Acq: 21 Feb 2020 2:27

Tgt Ion: 136 Resp: 242723

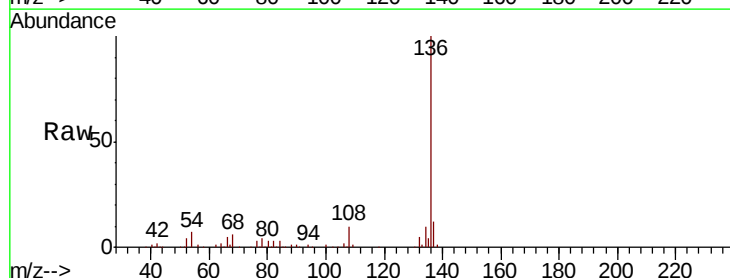
Ion Ratio Lower Upper

136 100

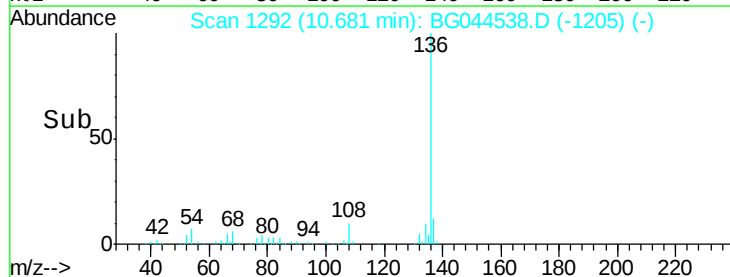
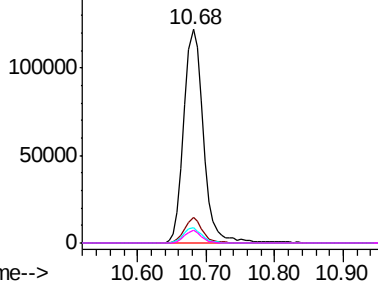
137 11.7 8.8 13.2

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

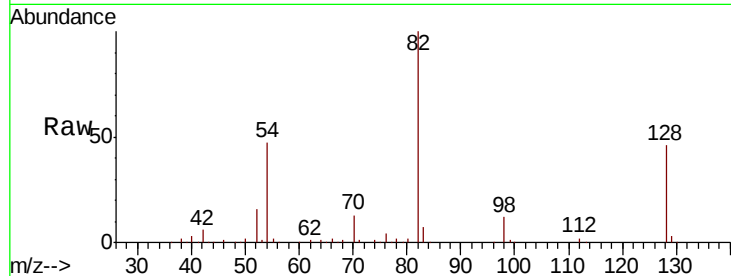




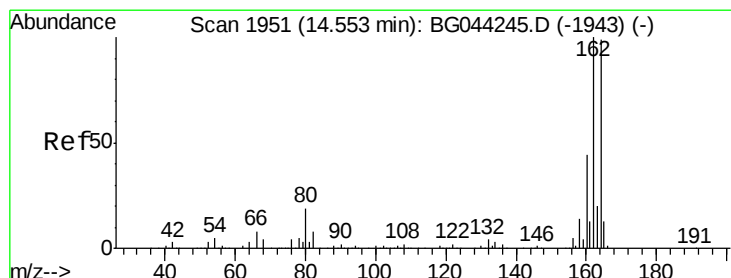
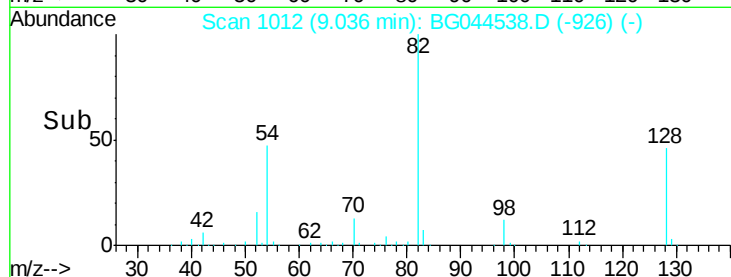
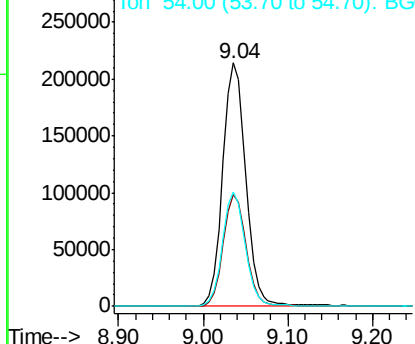
#23
Nitrobenzene-d5
Concen: 94.780 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BG044538.D
Acq: 21 Feb 2020 2:27

Instrument :
BNA_G
ClientSampled :
PB126886BL

Tot Ion	82	Resp	407488
Ion Ratio	100	Lower	Upper
128	46.1	36.5	54.7
54	47.0	38.6	58.0

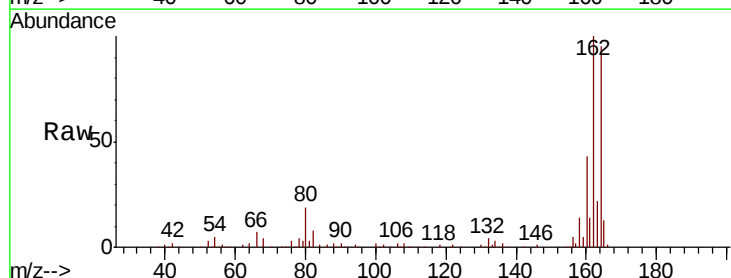


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

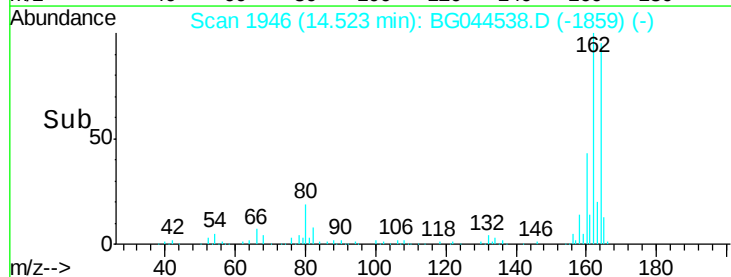
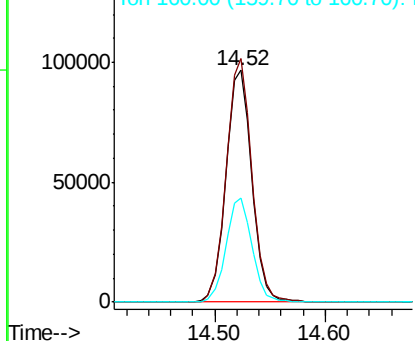


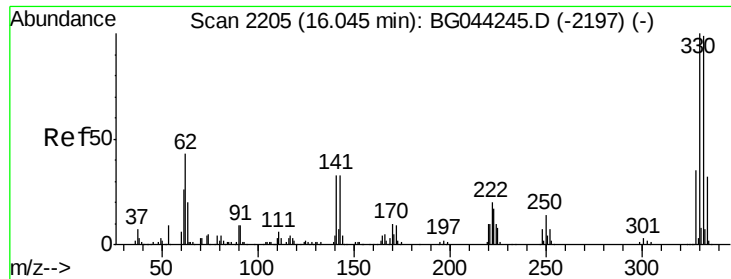
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG044538.D
Acq: 21 Feb 2020 2:27

Tgt Ion	164	Resp	158812
Ion Ratio	100	Lower	Upper
162	104.9	80.7	121.1
160	44.9	35.3	52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

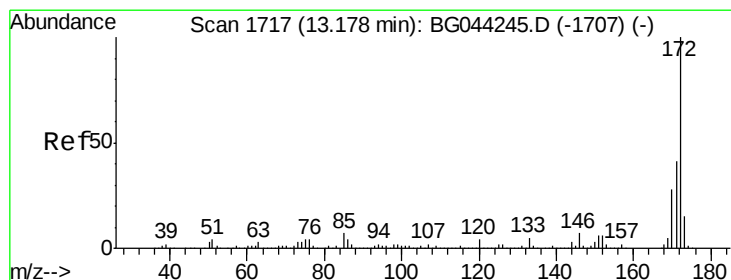
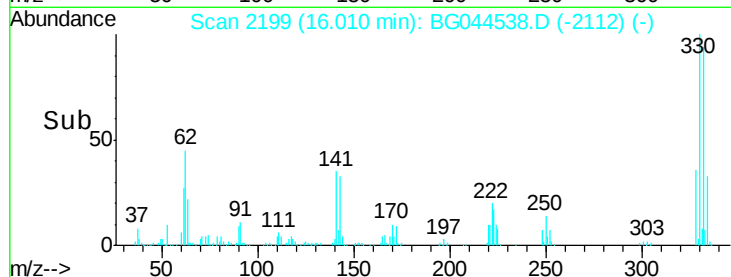
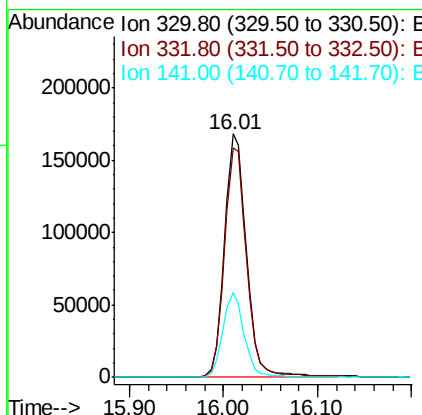
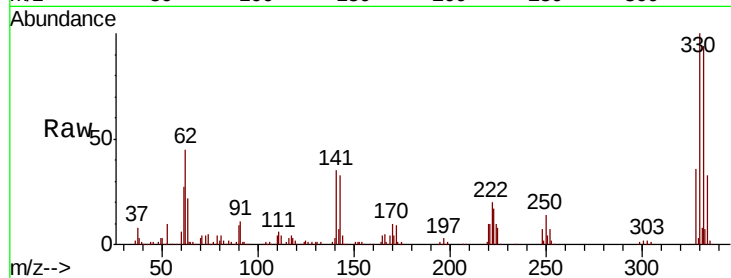




#42
 2,4,6-Tribromophenol
 Concen: 147.018 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.02 min
 Lab File: BG044538.D
 Acq: 21 Feb 2020 2:27

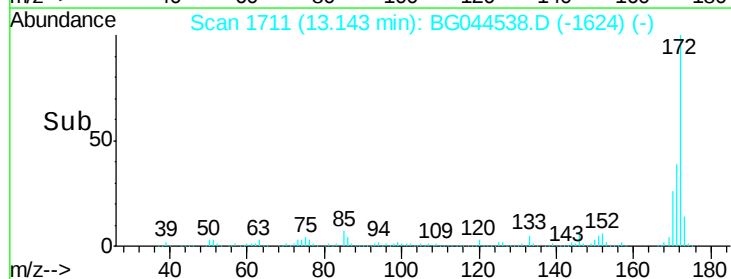
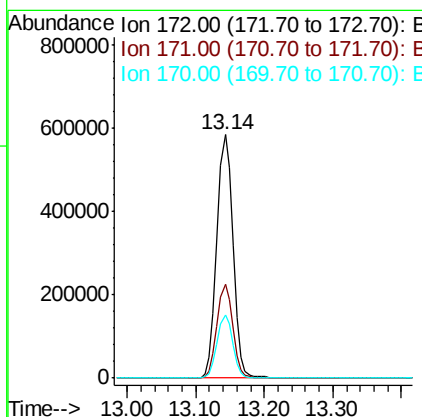
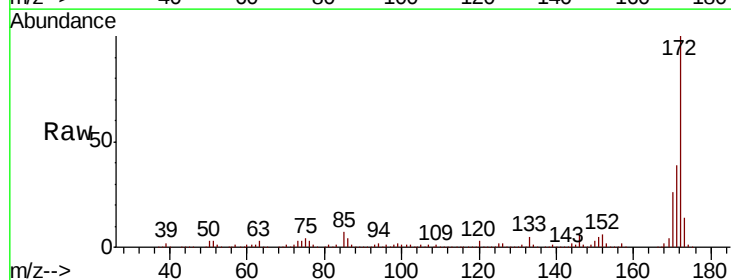
Instrument :
 BNA_G
 ClientSampleId :
 PB126886BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.2	115.8
141	34.0	28.3	42.5



#45
 2-Fluorobiphenyl
 Concen: 100.976 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.02 min
 Lab File: BG044538.D
 Acq: 21 Feb 2020 2:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	32.9	49.3
170	26.0	22.0	33.0





#50

Dimethylphthalate

Concen: 2.322 ng

RT: 13.98 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BG044538.D

Acq: 21 Feb 2020 2:27

Instrument :

BNA_G

ClientSampleId :

PB126886BL

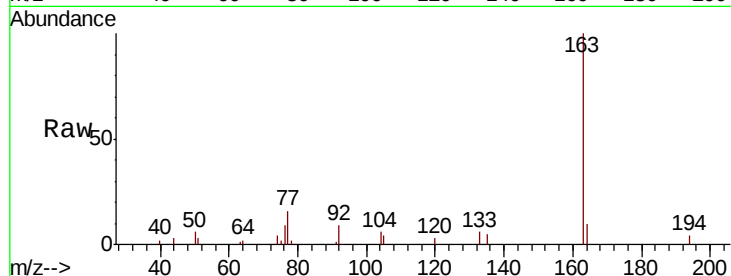
Tot Ion:163 Resp: 26507

Ion Ratio Lower Upper

163 100

194 3.6 3.6 5.4#

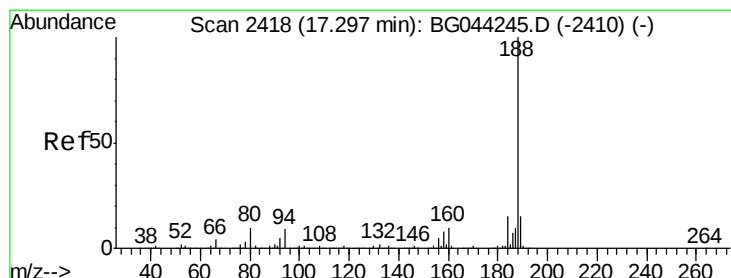
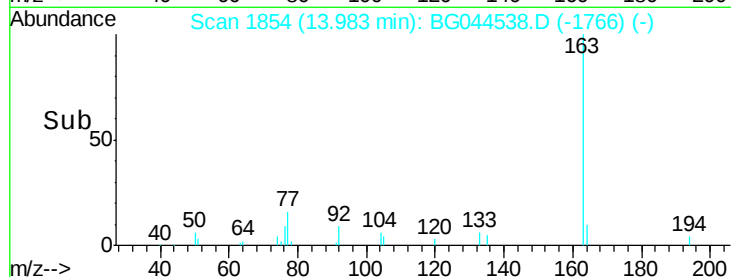
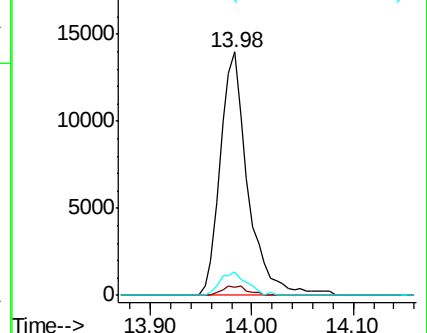
164 9.8 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.27 min Scan# 2413

Delta R.T. -0.02 min

Lab File: BG044538.D

Acq: 21 Feb 2020 2:27

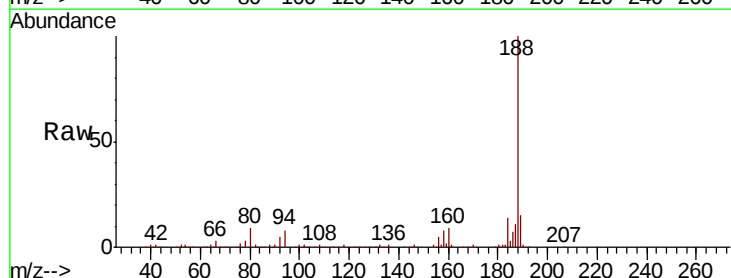
Tgt Ion:188 Resp: 354592

Ion Ratio Lower Upper

188 100

94 8.3 7.4 11.2

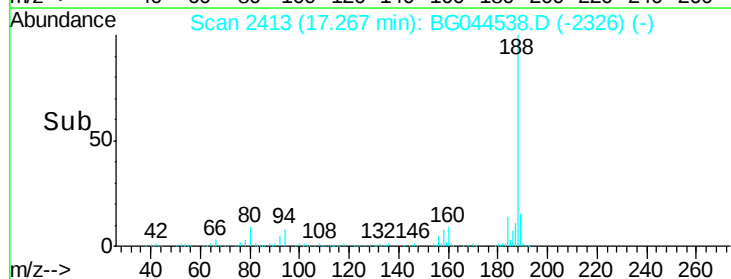
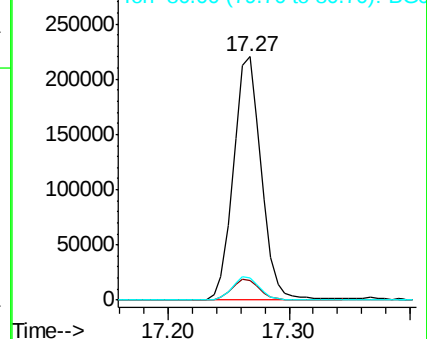
80 8.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.03 min

Lab File: BG044538.D

Acq: 21 Feb 2020 2:27

Instrument :

BNA_G

ClientSampleId :

PB126886BL

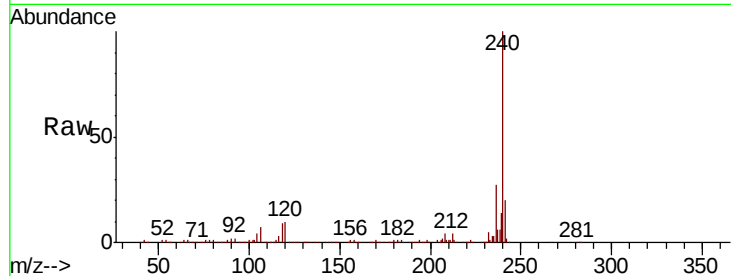
Tot Ion:240 Resp: 376022

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

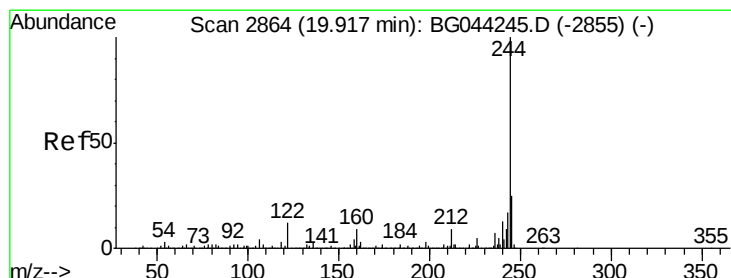
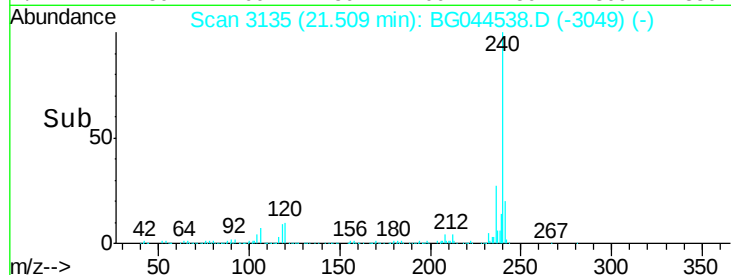
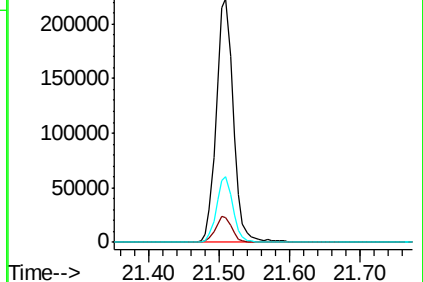
236 27.0 22.1 33.1



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



#79

Terphenyl-d14

Concen: 88.202 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG044538.D

Acq: 21 Feb 2020 2:27

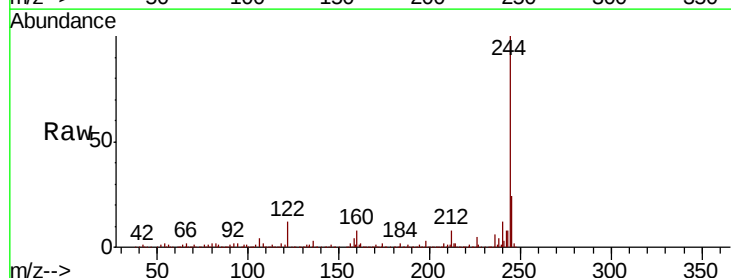
Tgt Ion:244 Resp: 1612443

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.2

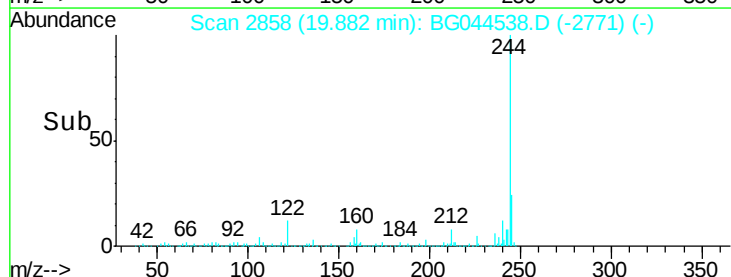
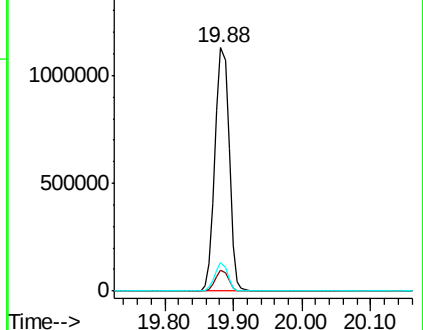
122 11.7 9.8 14.6

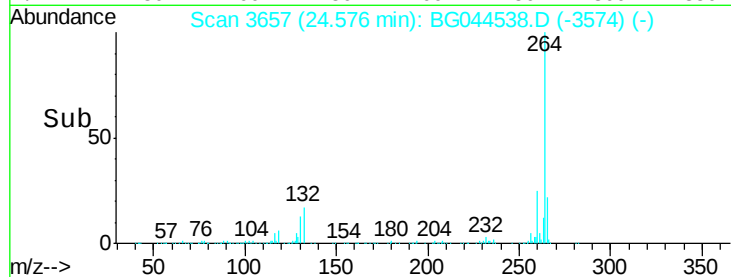
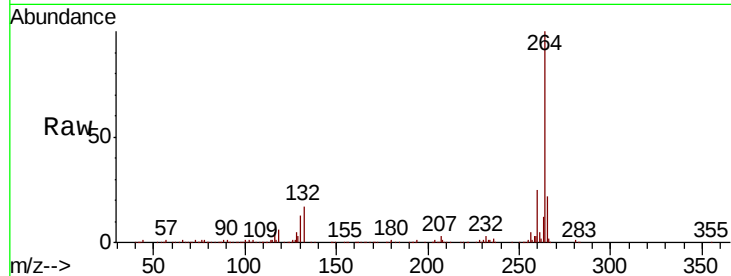
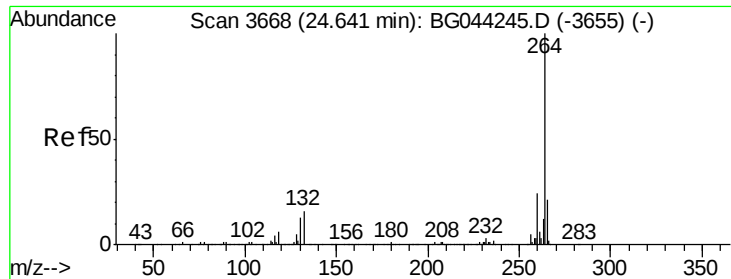


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.58 min Scan# 3657

Delta R.T. -0.04 min

Lab File: BG044538.D

Acq: 21 Feb 2020 2:27

Instrument :

BNA_G

ClientSampleId :

PB126886BL

Tot Ion:264 Resp: 399984

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 22.4 16.7 25.1

