

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
 Data File : BG044889.D
 Acq On : 19 Mar 2020 9:02
 Operator : CG/JU
 Sample : PB127639BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127639BL

Quant Time: Mar 19 11:39:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

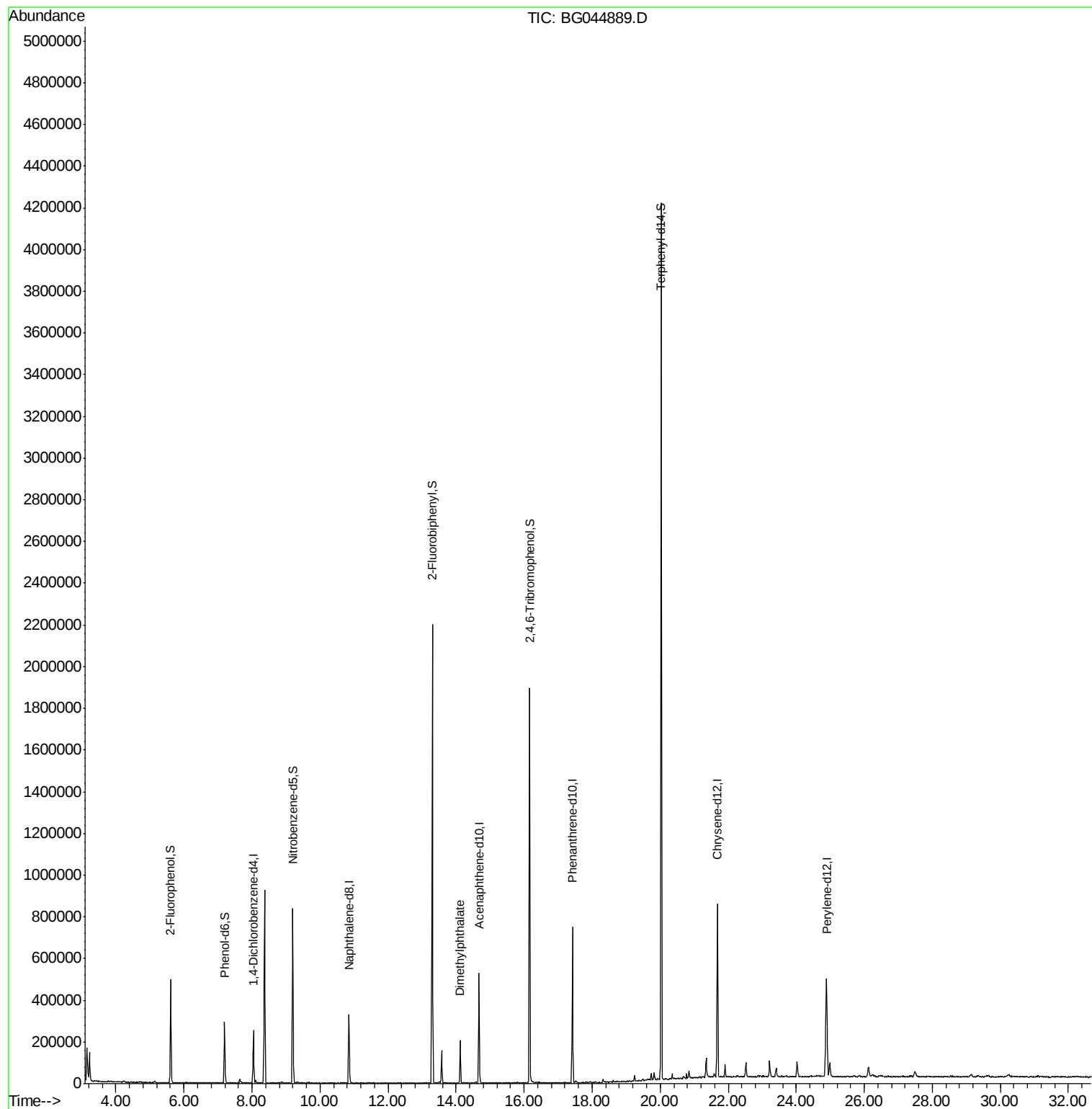
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	71669	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	285357	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	193610	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	485151	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	517680	20.00	ng	-0.02
87) Perylene-d12	24.89	264	526590	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	222783	48.39	ng	0.00
7) Phenol-d6	7.20	99	182221	27.24	ng	-0.01
23) Nitrobenzene-d5	9.20	82	534565	82.20	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	383712	151.36	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1158641	85.70	ng	0.00
79) Terphenyl-d14	20.03	244	2077697	75.07	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	131280	8.514	ng	Qvalue 99

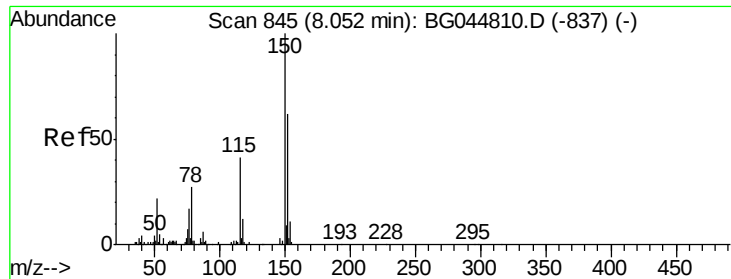
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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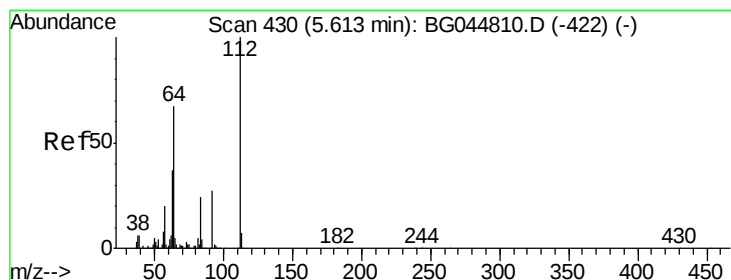
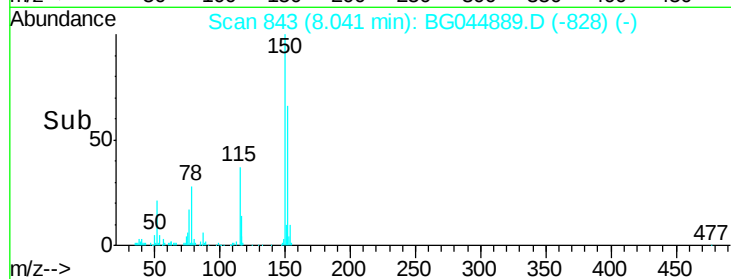
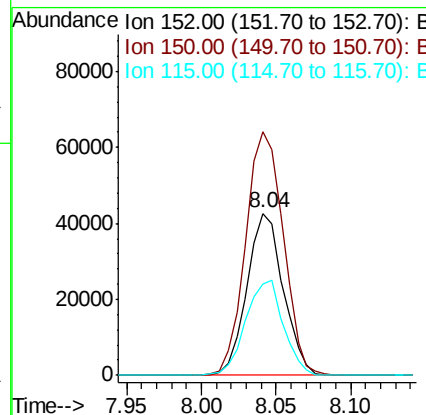
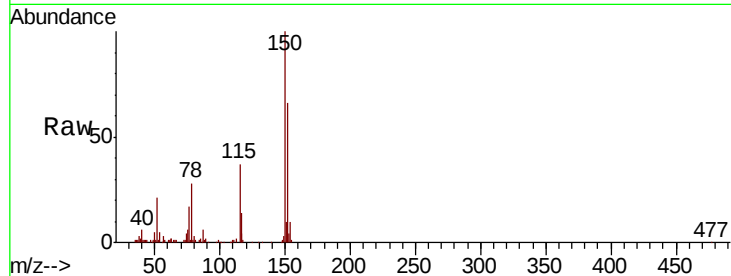


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044889.D
Acq: 19 Mar 2020 9:02

Instrument :
BNA_G
ClientSampleId :
PB127639BL

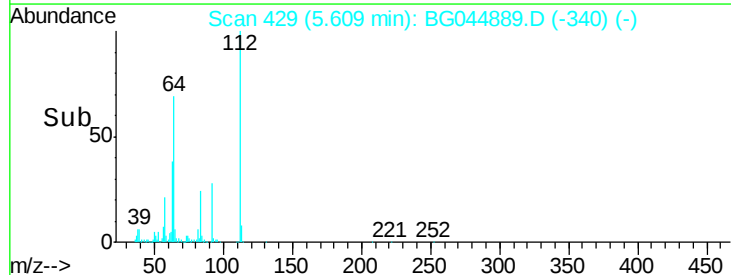
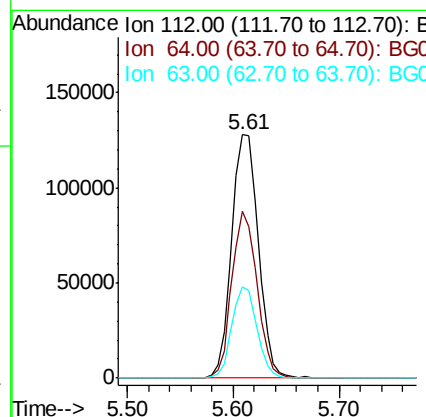
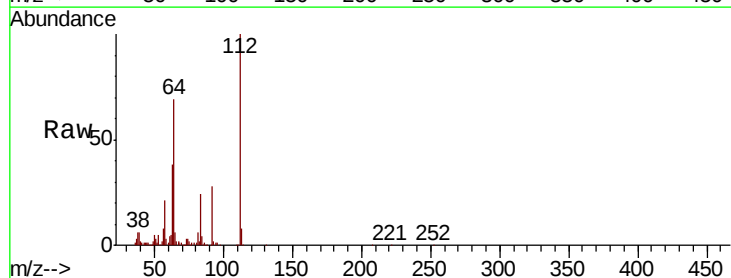
Tot Ion:152 Resp: 71669
Ion Ratio Lower Upper
152 100
150 150.5 128.8 193.2
115 56.2 52.6 79.0

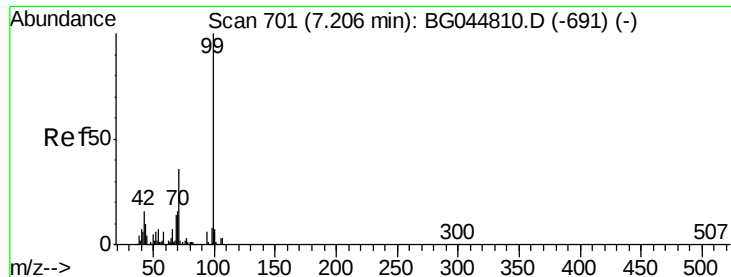


#5

2-Fluorophenol
Concen: 48.390 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG044889.D
Acq: 19 Mar 2020 9:02

Tgt Ion:112 Resp: 222783
Ion Ratio Lower Upper
112 100
64 68.7 53.4 80.2
63 37.8 29.4 44.2





#7

Phenol-d6

Concen: 27.241 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG044889.D

Acq: 19 Mar 2020 9:02

Instrument :

BNA_G

ClientSampleId :

PB127639BL

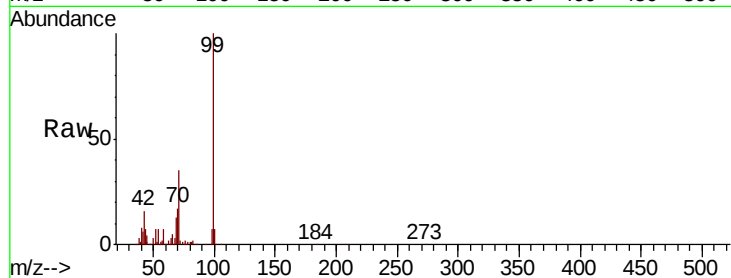
Tot Ion: 99 Resp: 182221

Ion Ratio Lower Upper

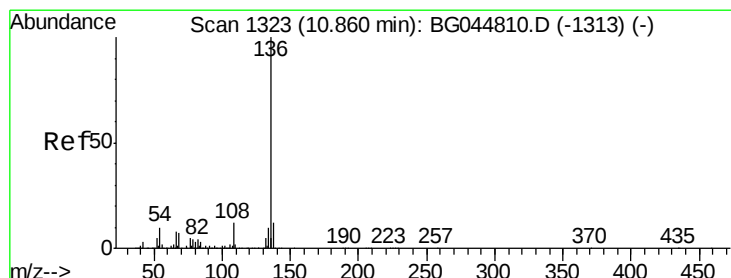
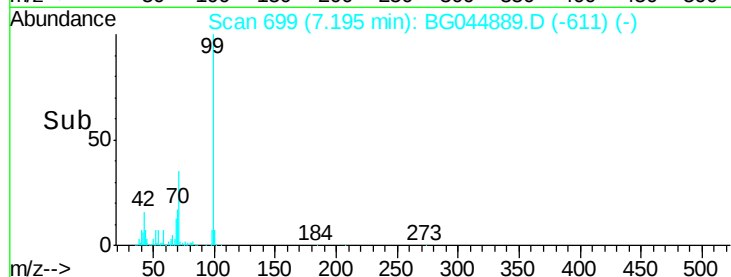
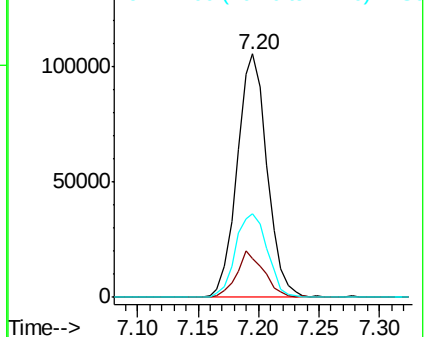
99 100

42 15.7 12.6 19.0

71 34.6 29.0 43.4



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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG044889.D

Acq: 19 Mar 2020 9:02

Tgt Ion: 136 Resp: 285357

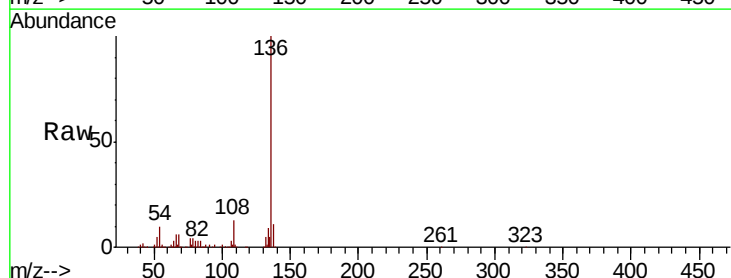
Ion Ratio Lower Upper

136 100

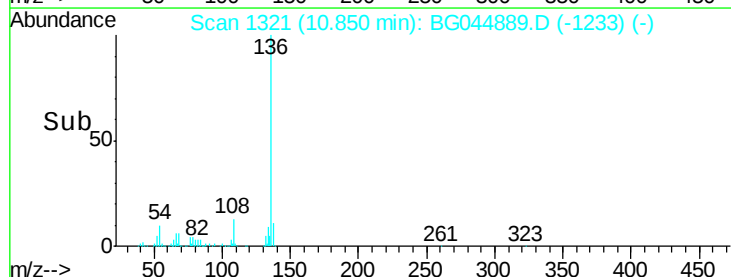
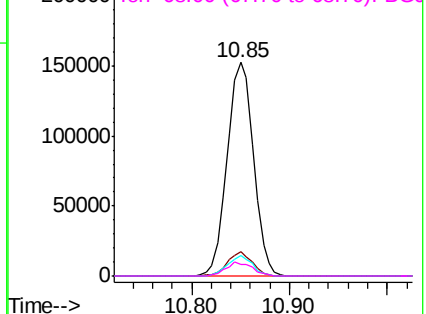
137 11.4 9.8 14.6

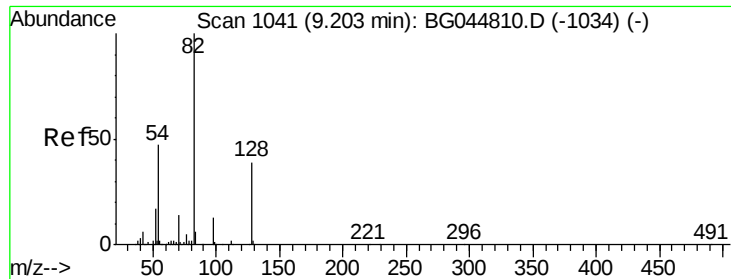
54 9.8 7.9 11.9

68 5.6 5.4 8.0



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

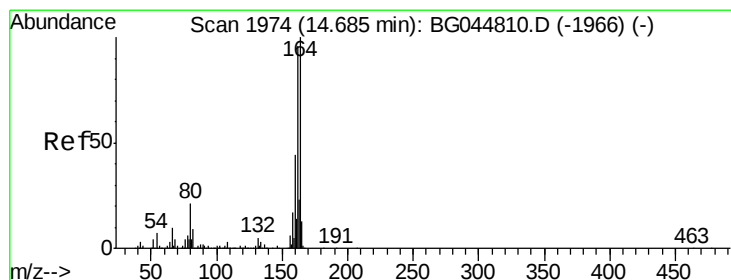
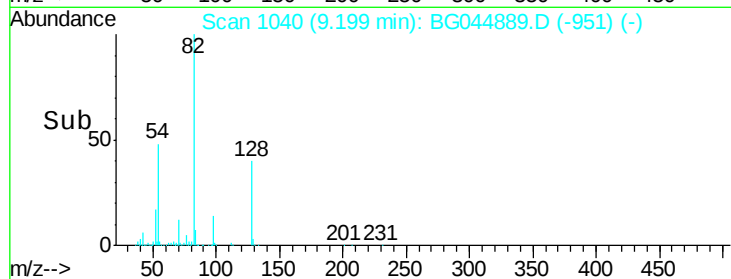
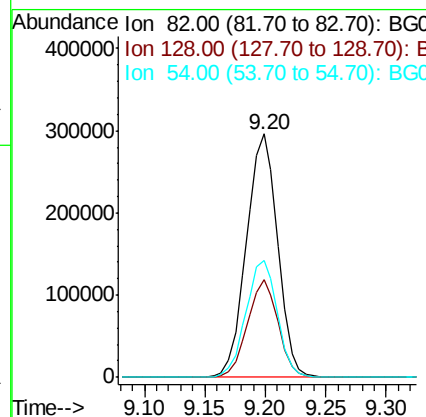
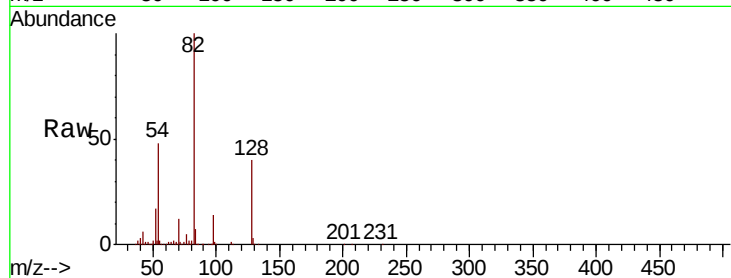




#23
 Nitrobenzene-d5
 Concen: 82.204 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044889.D
 Acq: 19 Mar 2020 9:02

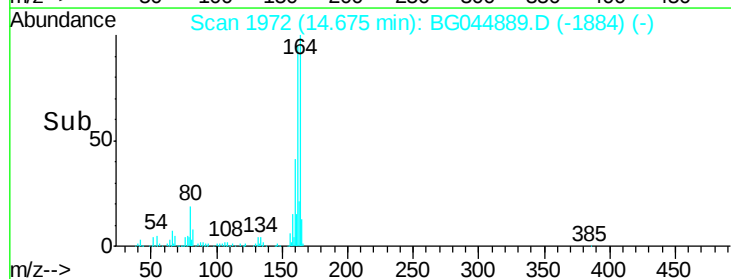
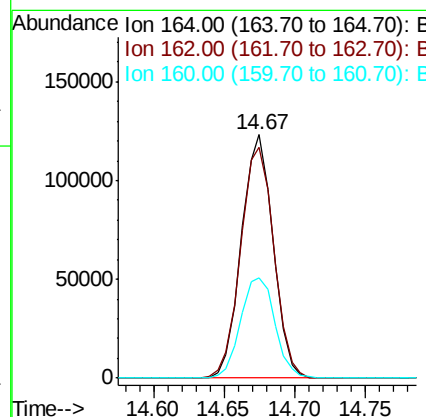
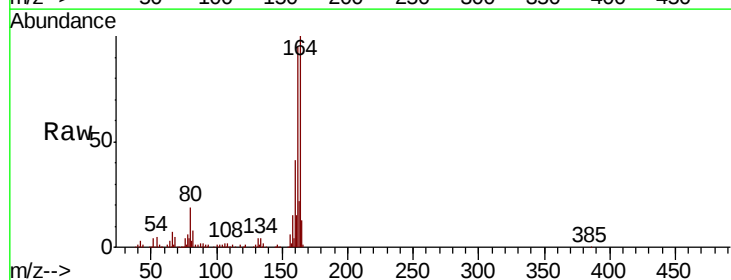
Instrument :
 BNA_G
 ClientSampleId :
 PB127639BL

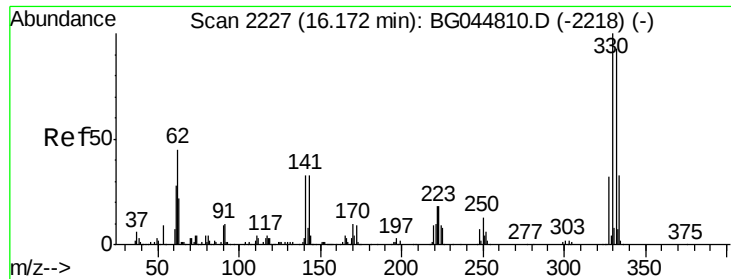
Tot Ion	82	Resp	534565
Ion Ratio	Lower	Upper	
82	100		
128	40.4	30.6	46.0
54	48.2	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044889.D
 Acq: 19 Mar 2020 9:02

Tgt Ion	164	Resp	193610
Ion Ratio	Lower	Upper	
164	100		
162	94.8	76.7	115.1
160	41.3	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 151.364 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044889.D

Acq: 19 Mar 2020 9:02

Instrument :

BNA_G

ClientSampleId :

PB127639BL

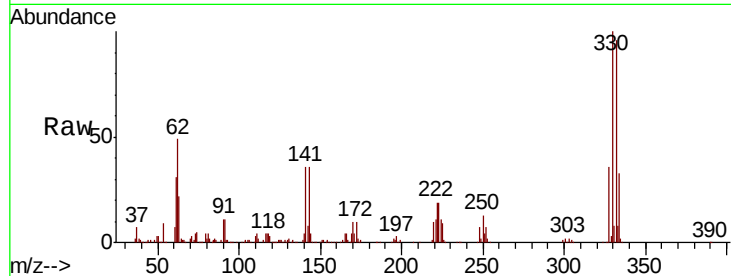
Tot Ion:330 Resp: 383712

Ion Ratio Lower Upper

330 100

332 96.2 77.8 116.6

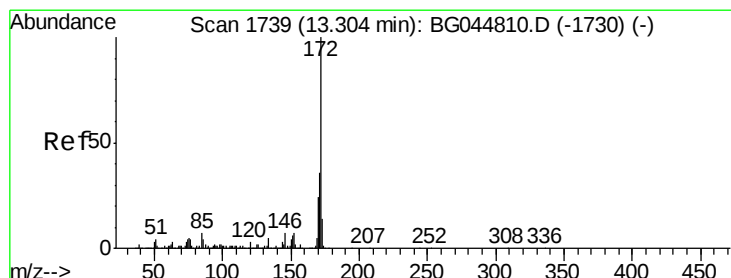
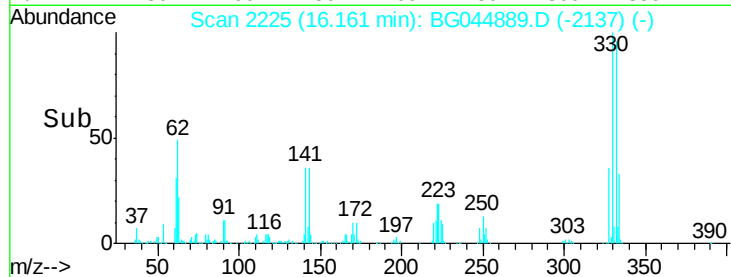
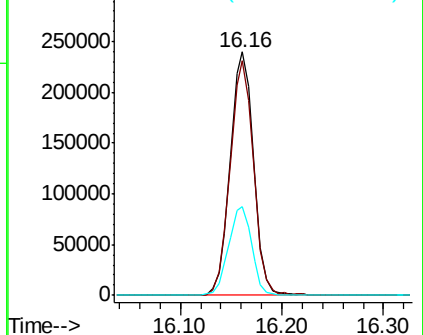
141 36.2 29.5 44.3



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: 85.699 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.00 min

Lab File: BG044889.D

Acq: 19 Mar 2020 9:02

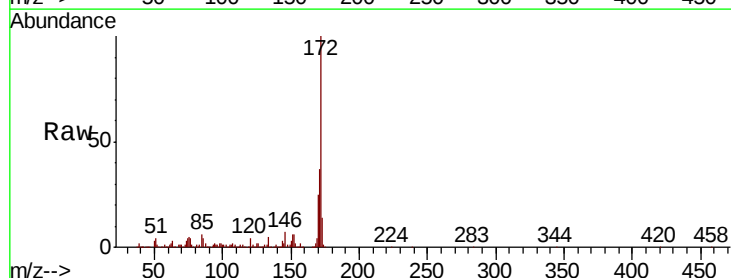
Tgt Ion:172 Resp: 1158641

Ion Ratio Lower Upper

172 100

171 36.9 28.7 43.1

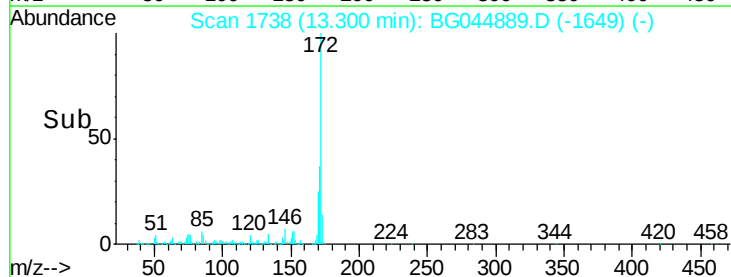
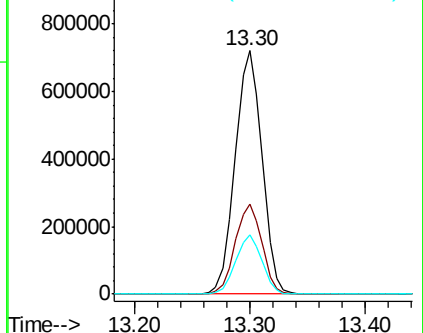
170 24.5 19.0 28.6

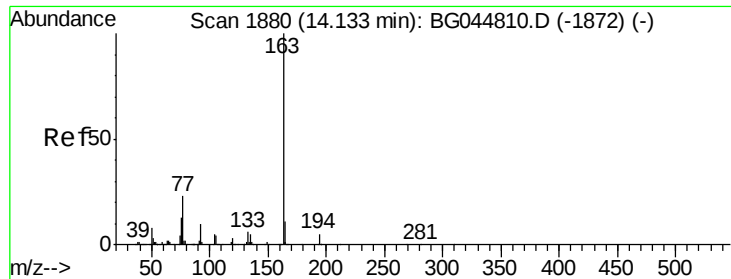


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.514 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG044889.D

Acq: 19 Mar 2020 9:02

Instrument :

BNA_G

ClientSampleId :

PB127639BL

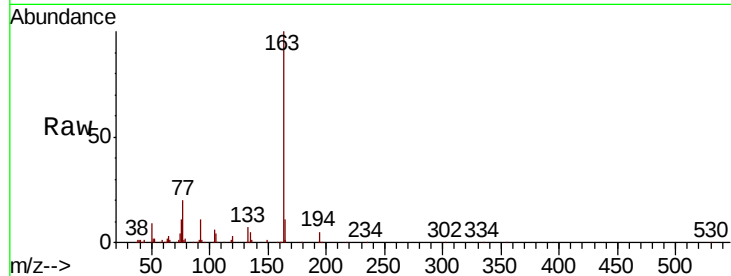
Tot Ion:163 Resp: 131280

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

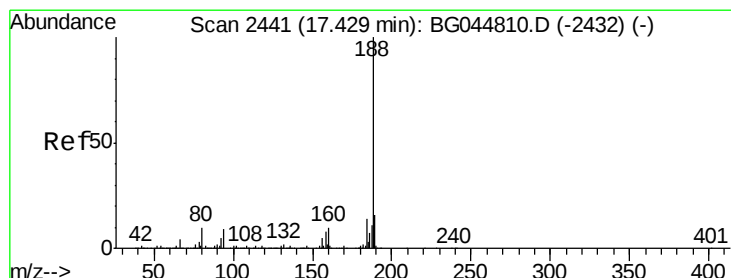
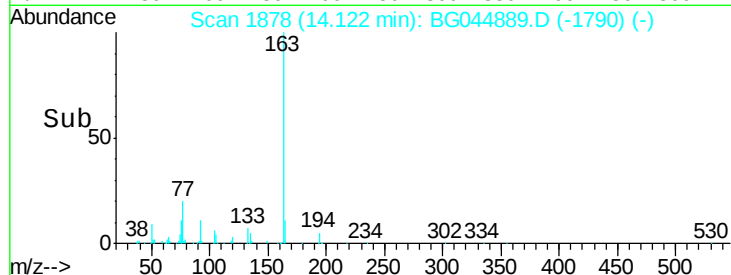
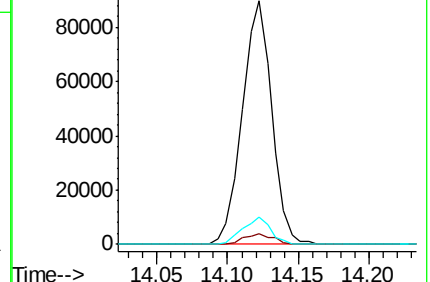
164 11.1 9.1 13.7



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: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044889.D

Acq: 19 Mar 2020 9:02

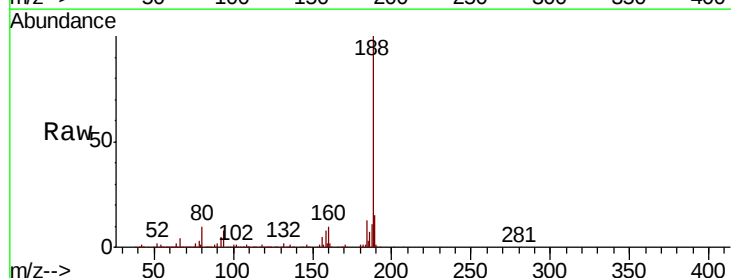
Tgt Ion:188 Resp: 485151

Ion Ratio Lower Upper

188 100

94 7.6 7.3 10.9

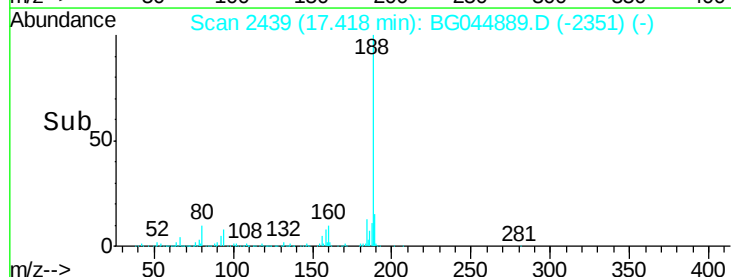
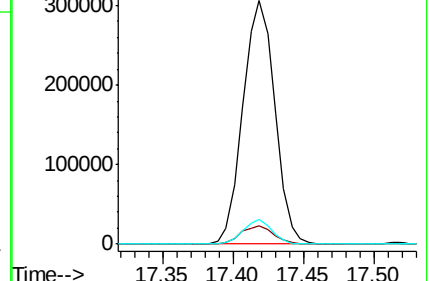
80 10.0 8.0 12.0

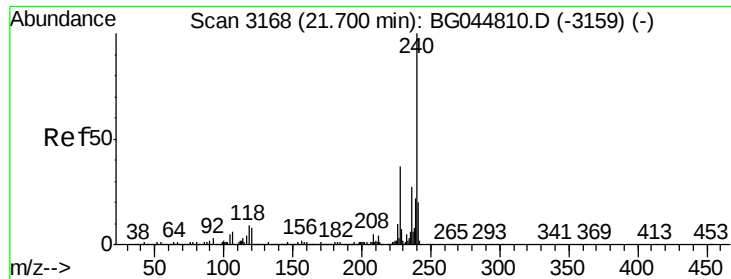


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

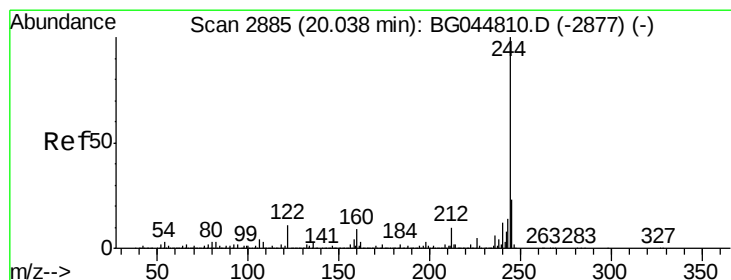
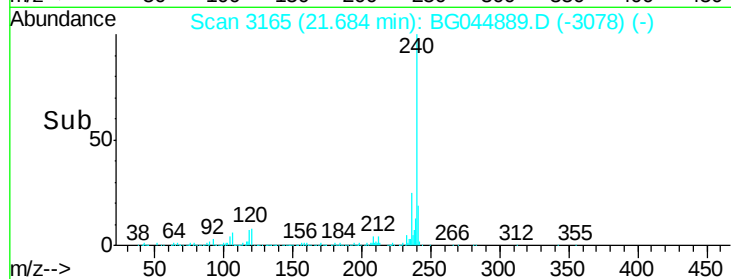
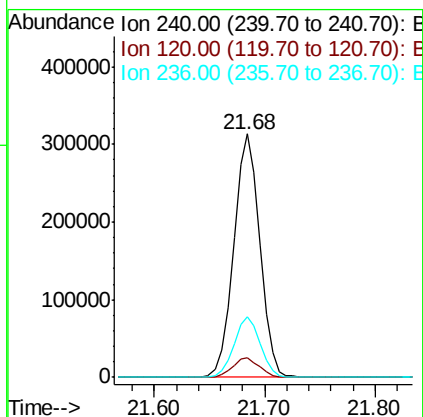
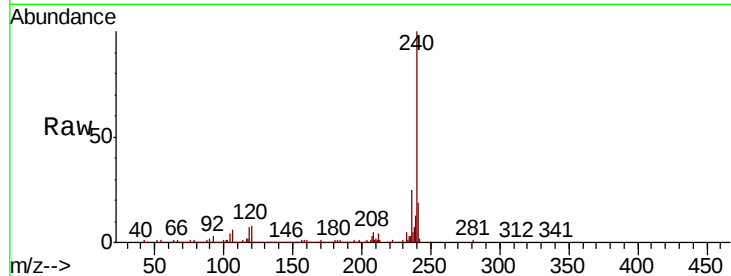




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.02 min
 Lab File: BG044889.D
 Acq: 19 Mar 2020 9:02

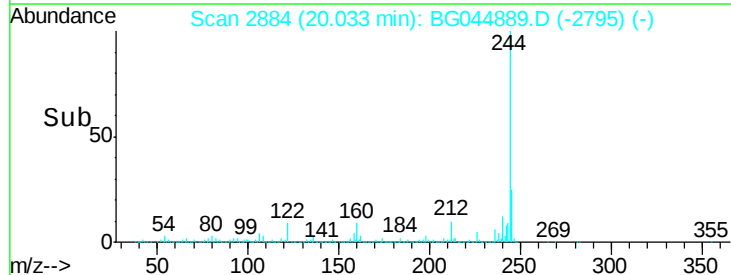
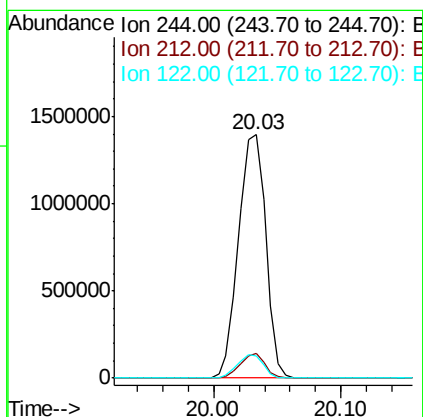
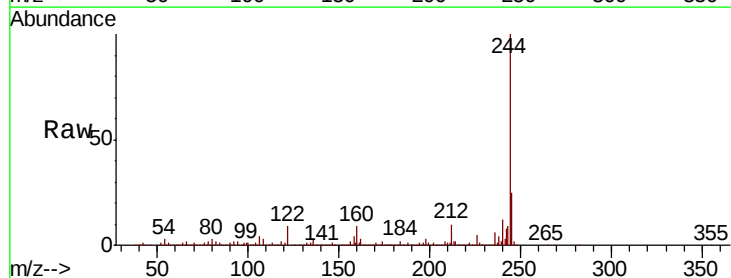
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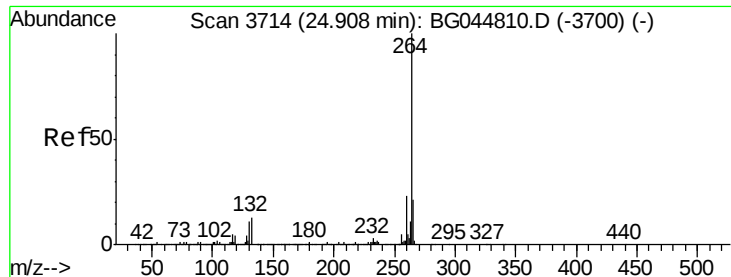
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.7	10.1
236	24.6	21.5	32.3



#79
 Terphenyl-d14
 Concen: 75.074 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.00 min
 Lab File: BG044889.D
 Acq: 19 Mar 2020 9:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.7	11.5
122	9.2	8.6	12.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG044889.D
Acq: 19 Mar 2020 9:02

Instrument :
BNA_G
ClientSampleId :
PB127639BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.1	27.1
265	22.1	17.1	25.7

