

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
 Data File : BG044863.D
 Acq On : 18 Mar 2020 12:56
 Operator : CG/JU
 Sample : L1942-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-DB

Quant Time: Mar 18 16:20:56 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

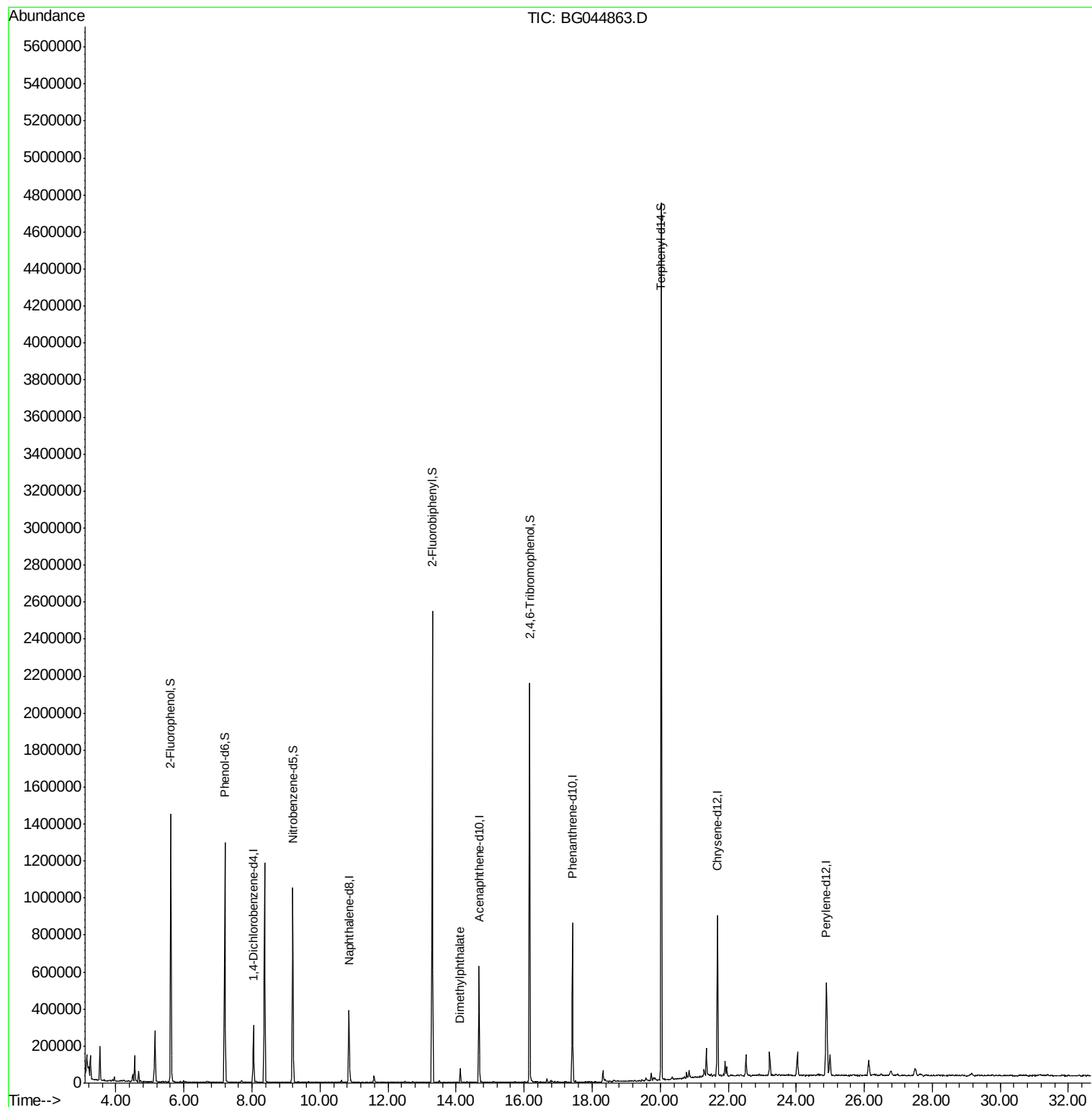
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	87989	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	337355	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	232383	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	541257	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	492658	20.00	ng	-0.02
87) Perylene-d12	24.89	264	556438	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	622982	110.22	ng	0.00
7) Phenol-d6	7.20	99	790846	96.30	ng	0.00
23) Nitrobenzene-d5	9.20	82	659674	85.81	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	435721	143.20	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1366855	84.23	ng	0.00
79) Terphenyl-d14	20.03	244	2236312	84.91	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	52923	2.859	ng	Qvalue # 93

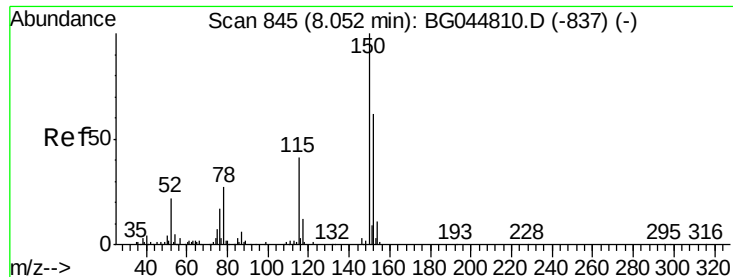
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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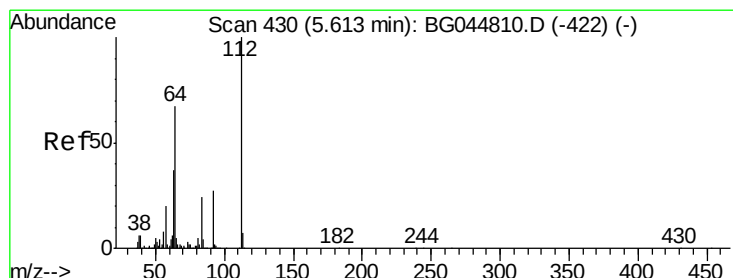
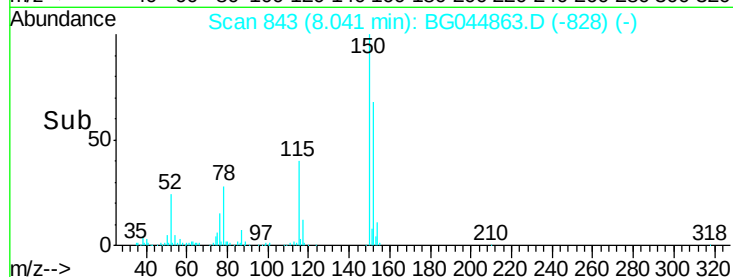
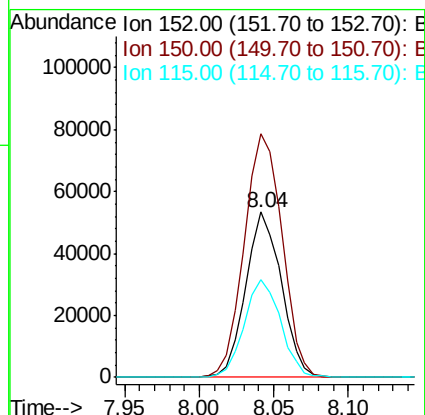
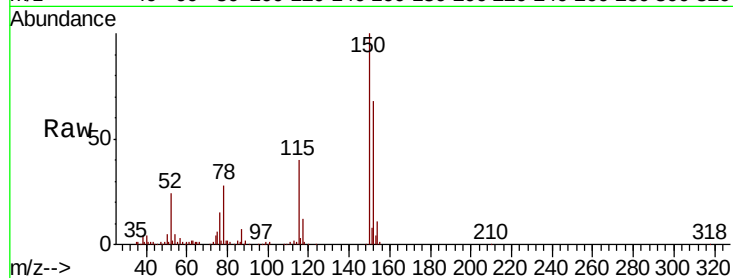


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044863.D
Acq: 18 Mar 2020 12:56

Instrument :
BNA_G
ClientSampleId :
TP-3-DB

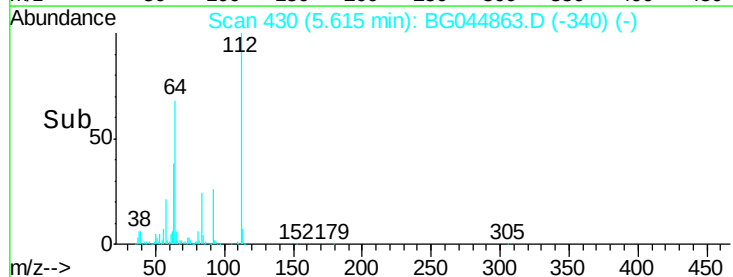
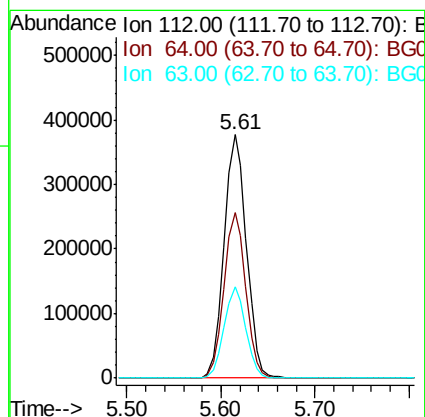
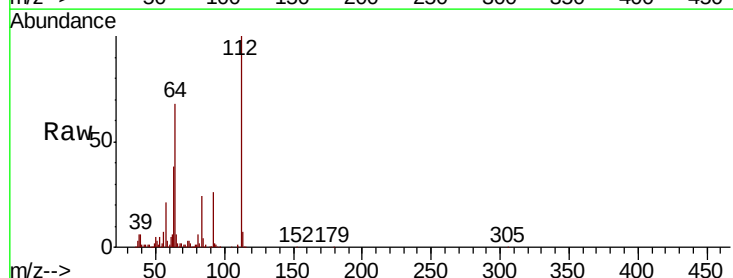
Tot Ion:152 Resp: 87989
Ion Ratio Lower Upper
152 100
150 147.6 128.8 193.2
115 59.4 52.6 79.0

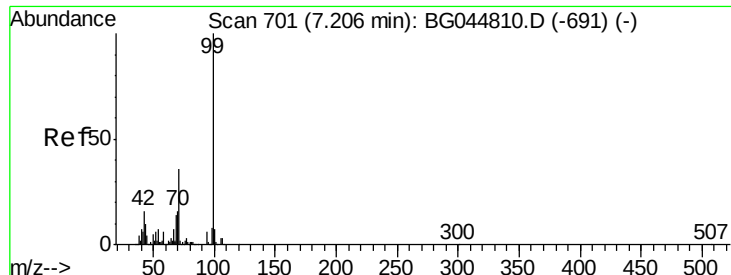


#5

2-Fluorophenol
Concen: 110.217 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044863.D
Acq: 18 Mar 2020 12:56

Tgt Ion:112 Resp: 622982
Ion Ratio Lower Upper
112 100
64 67.9 53.4 80.2
63 37.8 29.4 44.2





#7

Phenol-d6

Concen: 96.299 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044863.D

Acq: 18 Mar 2020 12:56

Instrument :

BNA_G

ClientSampleId :

TP-3-DB

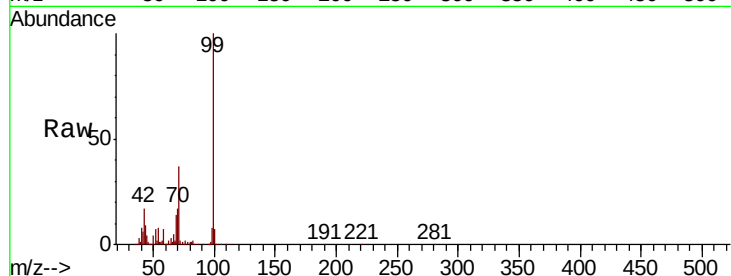
Tot Ion: 99 Resp: 790846

Ion Ratio Lower Upper

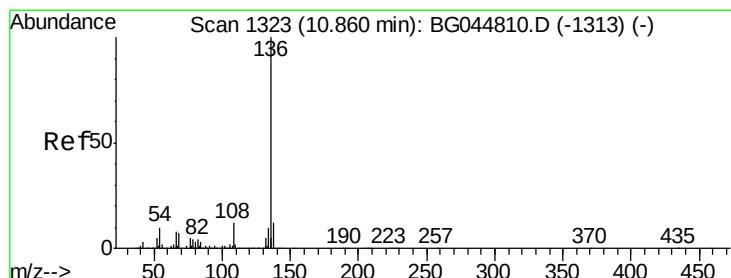
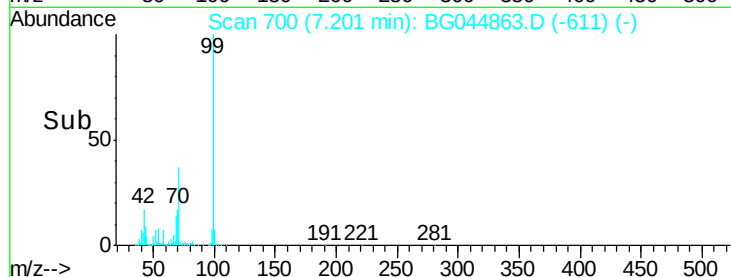
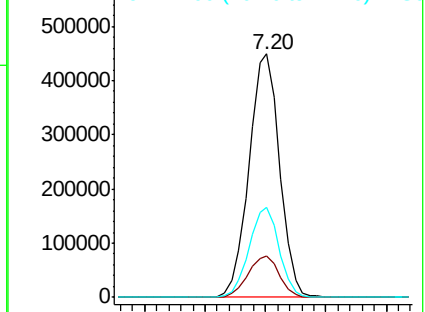
99 100

42 16.8 12.6 19.0

71 37.1 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: BG044863.D

Acq: 18 Mar 2020 12:56

Tgt Ion: 136 Resp: 337355

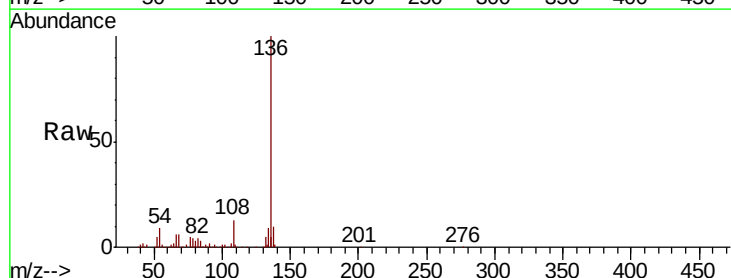
Ion Ratio Lower Upper

136 100

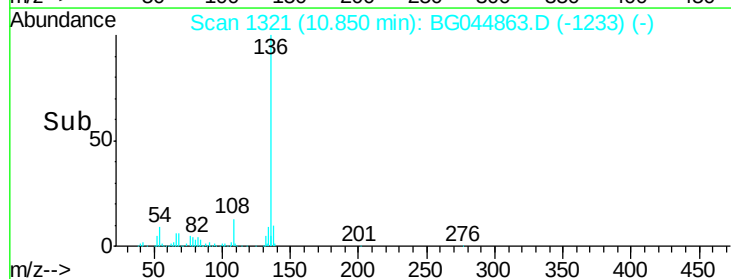
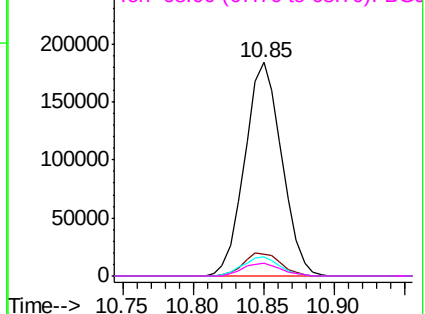
137 10.5 9.8 14.6

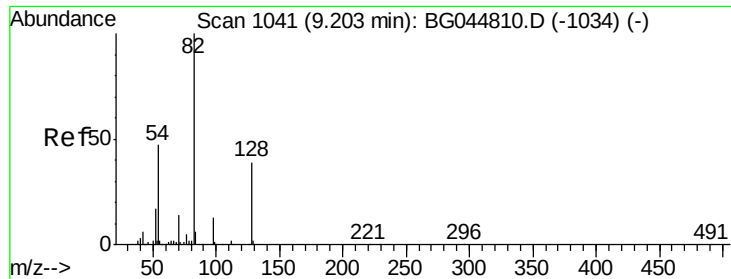
54 9.1 7.9 11.9

68 6.0 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

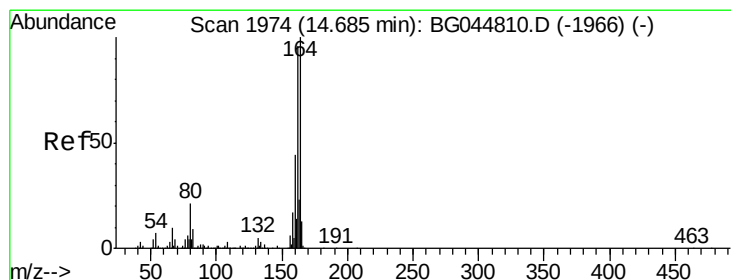
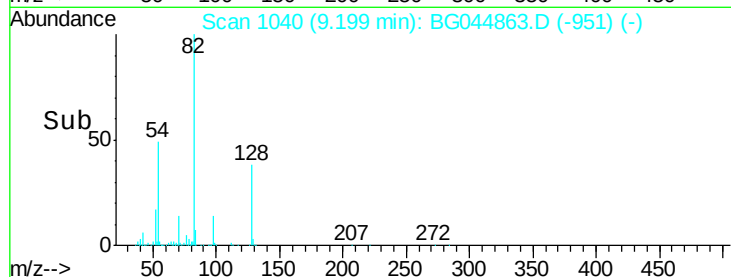
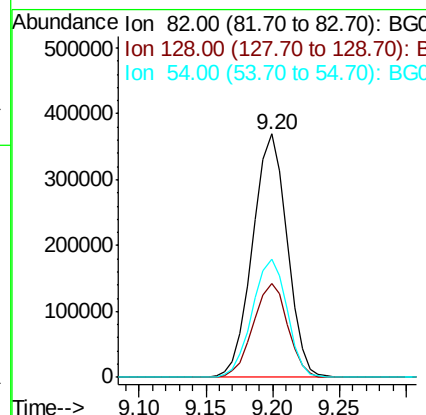
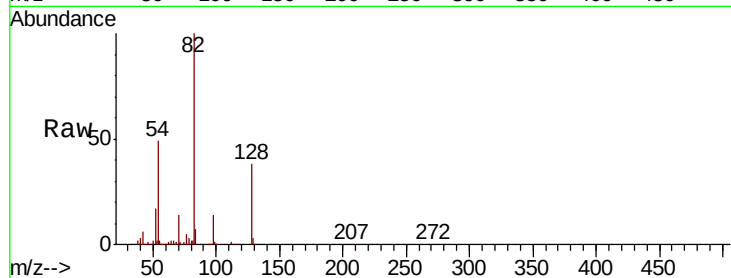




#23
 Nitrobenzene-d5
 Concen: 85.807 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044863.D
 Acq: 18 Mar 2020 12:56

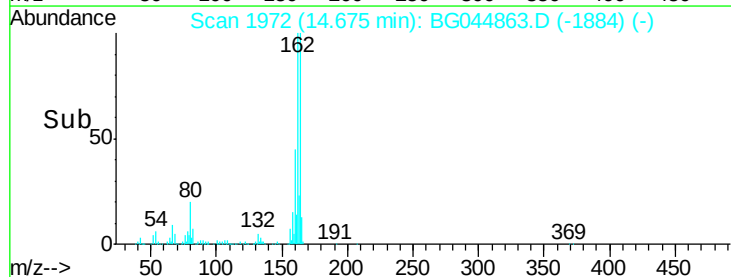
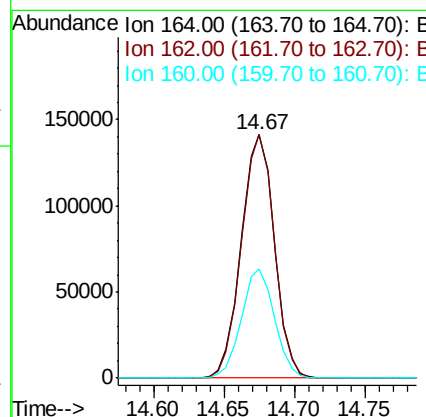
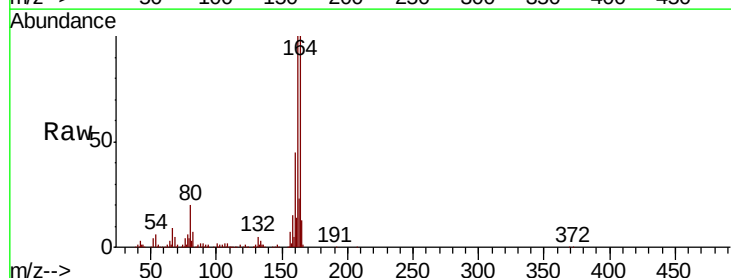
Instrument :
 BNA_G
 ClientSampleID :
 TP-3-DB

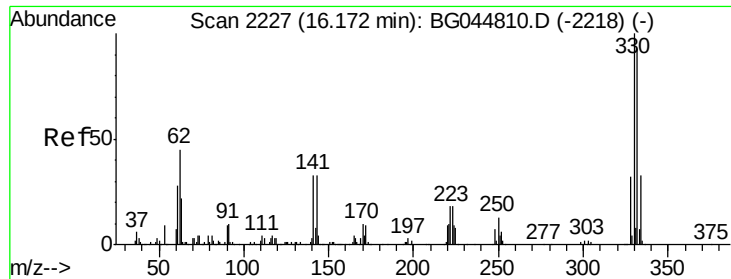
Tot Ion	82	Resp	659674
Ion Ratio	Lower	Upper	
82	100		
128	38.4	30.6	46.0
54	48.7	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044863.D
 Acq: 18 Mar 2020 12:56

Tgt Ion	164	Resp	232383
Ion Ratio	Lower	Upper	
164	100		
162	100.0	76.7	115.1
160	45.0	35.0	52.4

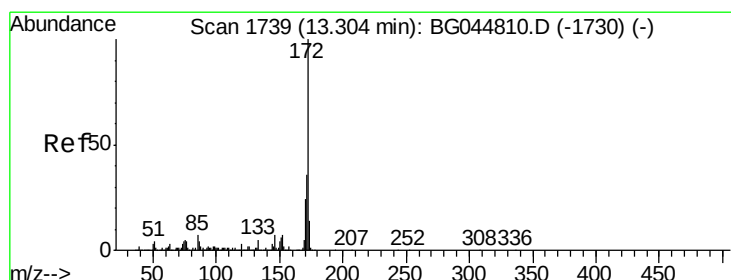
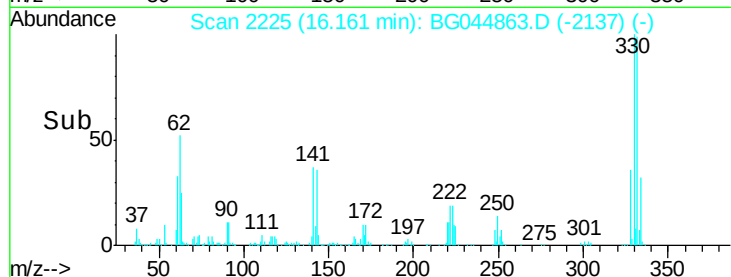
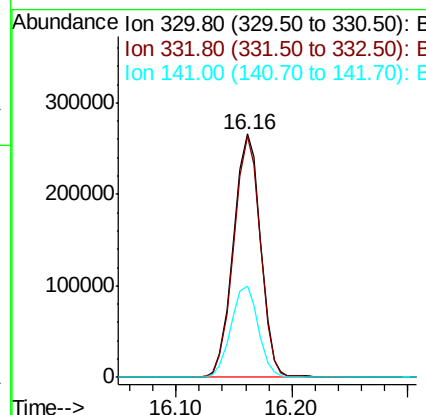
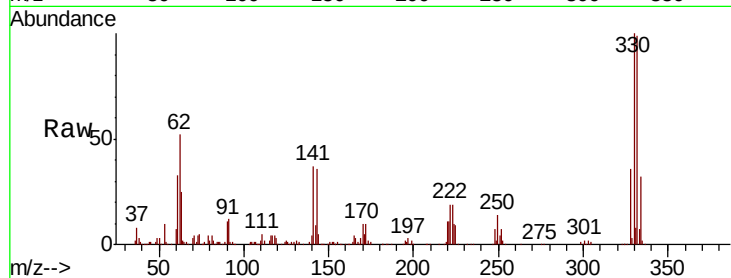




#42
 2,4,6-Tribromophenol
 Concen: 143.202 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG044863.D
 Acq: 18 Mar 2020 12:56

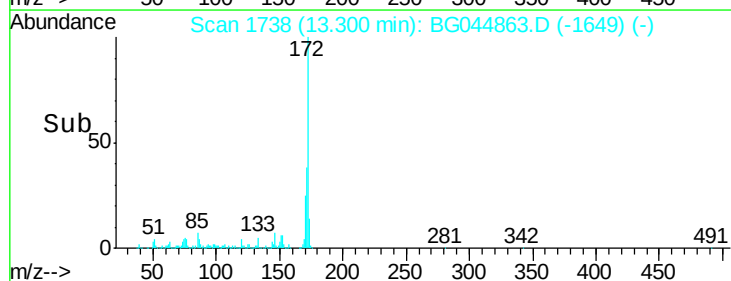
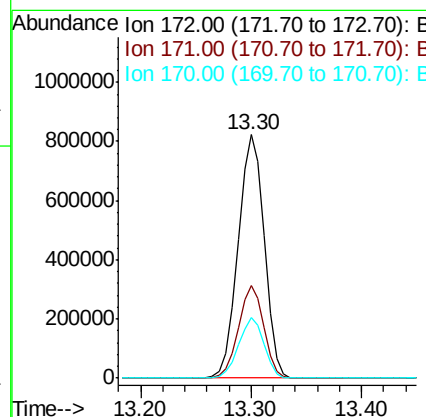
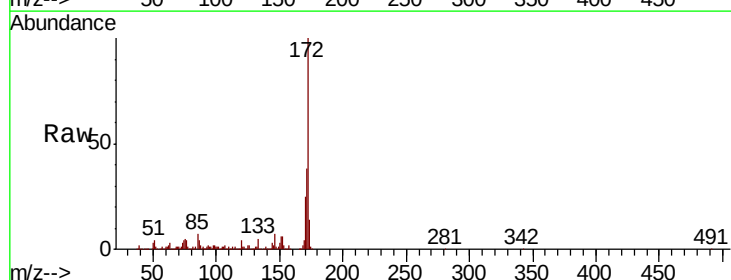
Instrument :
 BNA_G
 ClientSampleId :
 TP-3-DB

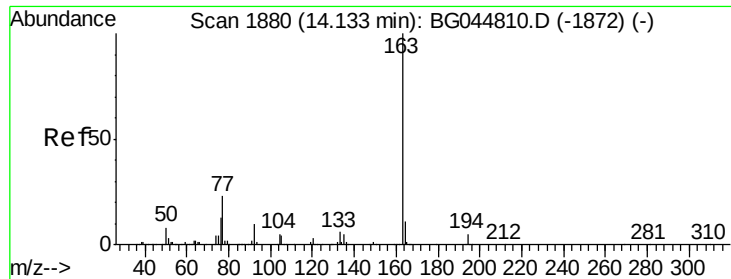
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.8	116.6
141	37.7	29.5	44.3



#45
 2-Fluorobiphenyl
 Concen: 84.231 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG044863.D
 Acq: 18 Mar 2020 12:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	28.7	43.1
170	24.9	19.0	28.6





#50

Dimethylphthalate

Concen: 2.859 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG044863.D

Acq: 18 Mar 2020 12:56

Instrument :

BNA_G

ClientSampleId :

TP-3-DB

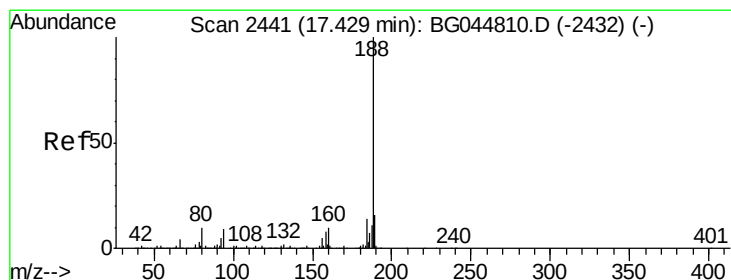
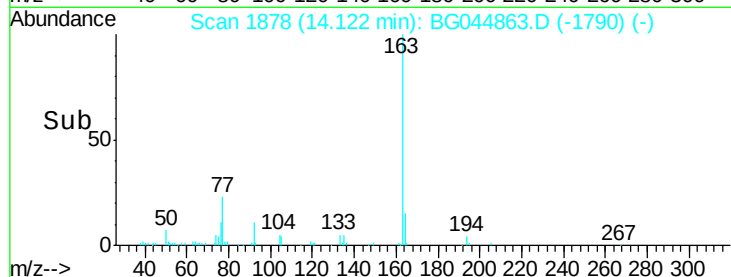
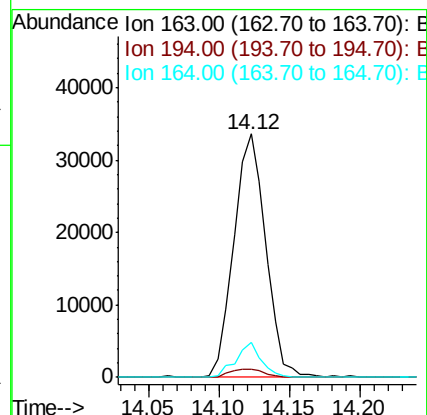
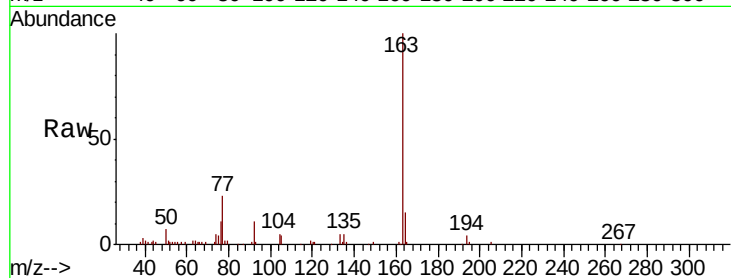
Tot Ion:163 Resp: 52923

Ion Ratio Lower Upper

163 100

194 3.5 3.7 5.5#

164 14.6 9.1 13.7#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044863.D

Acq: 18 Mar 2020 12:56

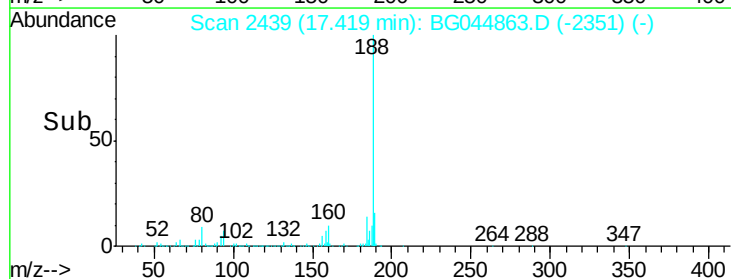
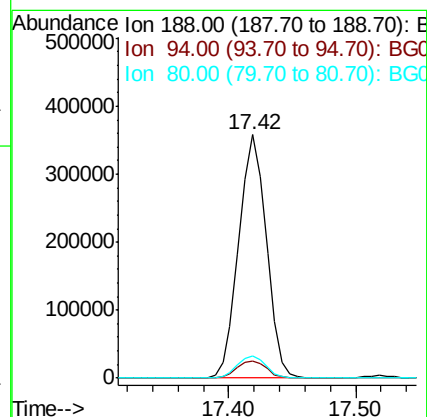
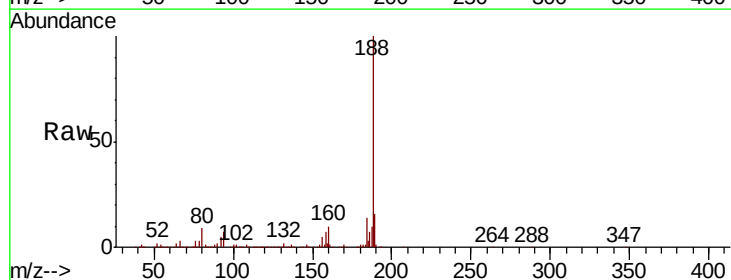
Tgt Ion:188 Resp: 541257

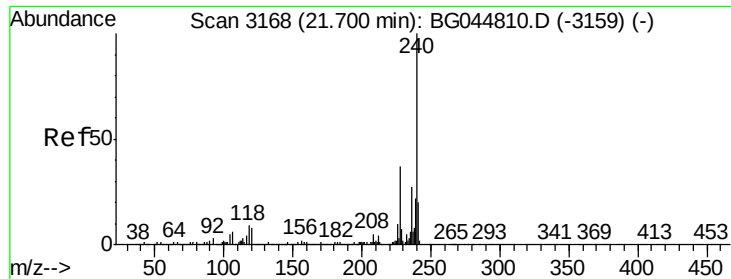
Ion Ratio Lower Upper

188 100

94 7.2 7.3 10.9#

80 9.0 8.0 12.0

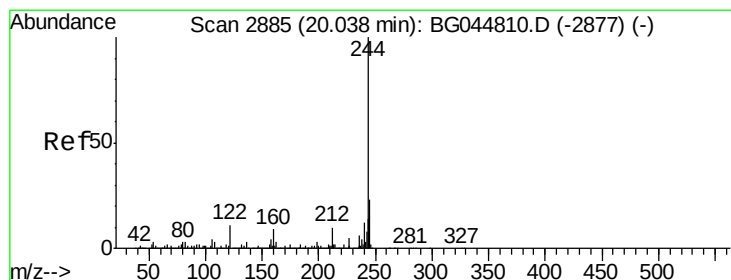
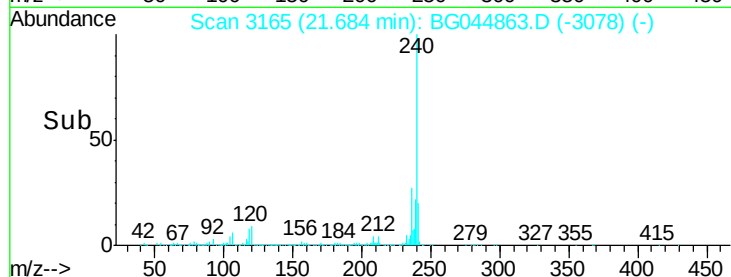
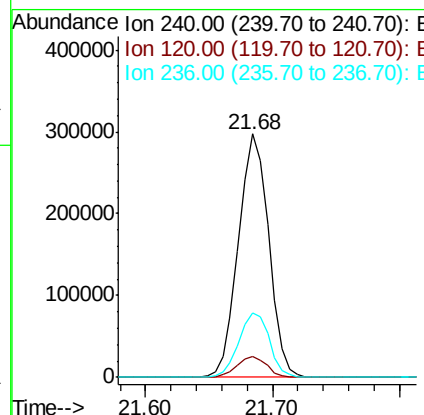
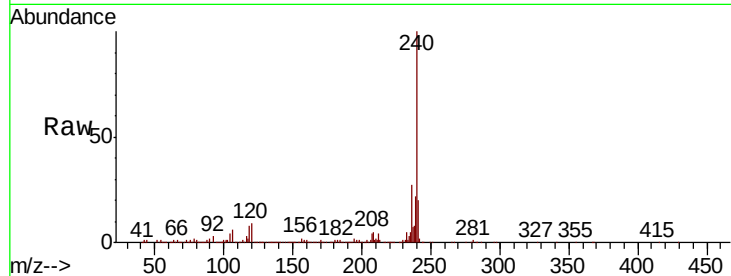




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.02 min
 Lab File: BG044863.D
 Acq: 18 Mar 2020 12:56

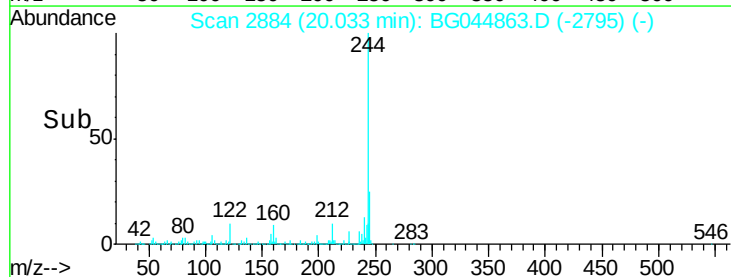
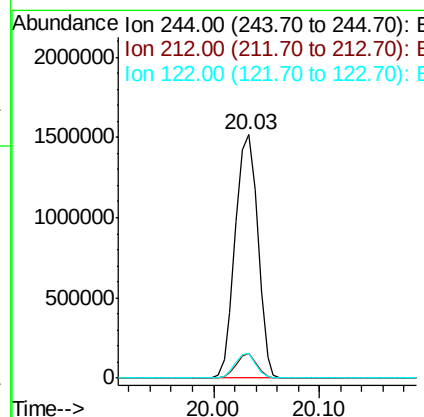
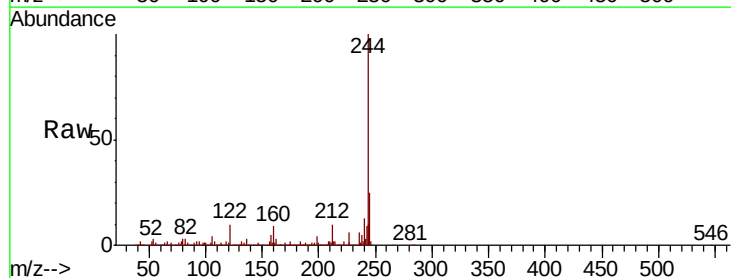
Instrument :
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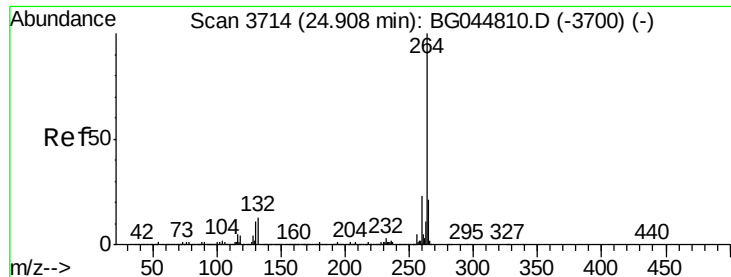
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.7	10.1
236	26.7	21.5	32.3



#79
 Terphenyl-d14
 Concen: 84.909 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.00 min
 Lab File: BG044863.D
 Acq: 18 Mar 2020 12:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.7	11.5
122	10.2	8.6	12.8

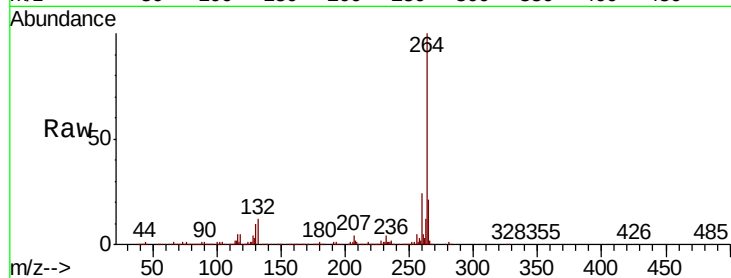




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3710
 Delta R.T. -0.02 min
 Lab File: BG044863.D
 Acq: 18 Mar 2020 12:56

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-DB

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.1	27.1
265	21.3	17.1	25.7



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

