

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
 Data File : BG044879.D
 Acq On : 19 Mar 2020 1:07
 Operator : CG/JU
 Sample : L1942-25
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-DA

Quant Time: Mar 19 03:50:23 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

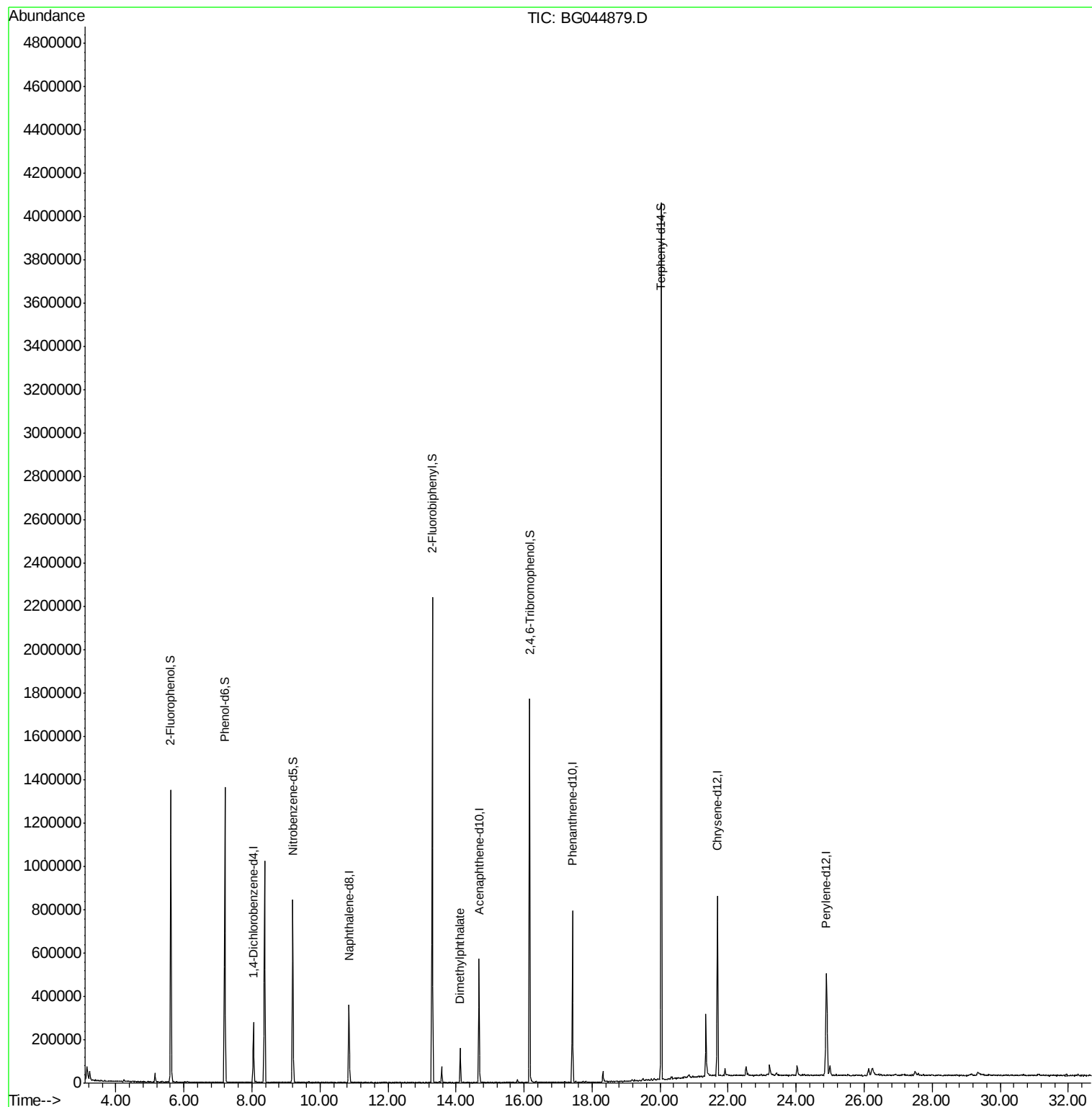
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	80683	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	306915	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	206360	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	491957	20.00	ng	0.00
76) Chrysene-d12	21.68	240	508364	20.00	ng	-0.02
87) Perylene-d12	24.89	264	533092	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	580141	111.93	ng	0.00
7) Phenol-d6	7.20	99	818025	108.63	ng	0.00
23) Nitrobenzene-d5	9.20	82	542293	77.53	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	358789	132.79	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1166660	80.96	ng	0.00
79) Terphenyl-d14	20.03	244	1986881	73.11	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	108130	6.579	ng	Qvalue 97

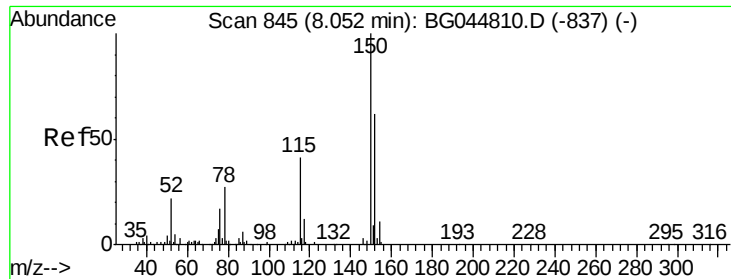
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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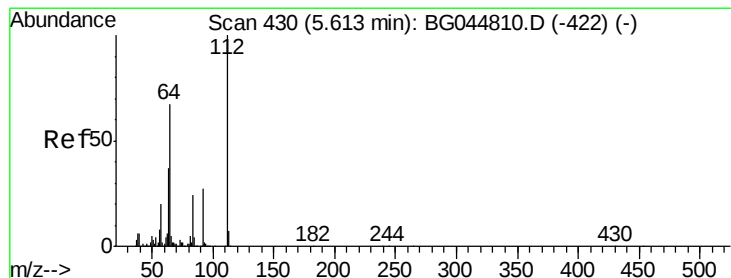
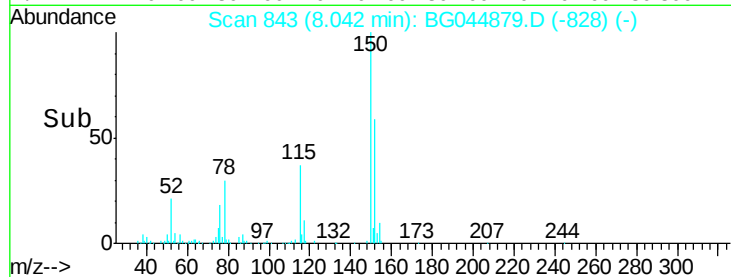
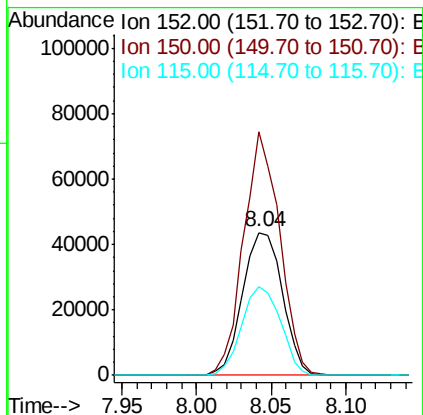
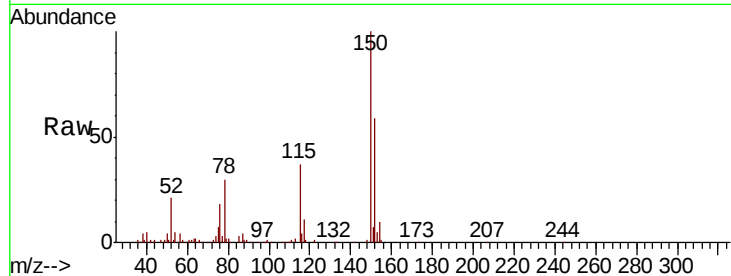


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044879.D
Acq: 19 Mar 2020 1:07

Instrument :
BNA_G
ClientSampled :
TP-5-DA

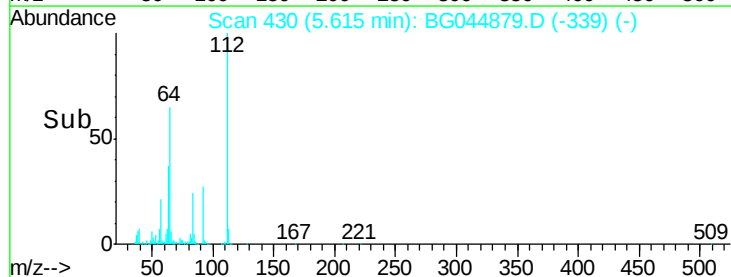
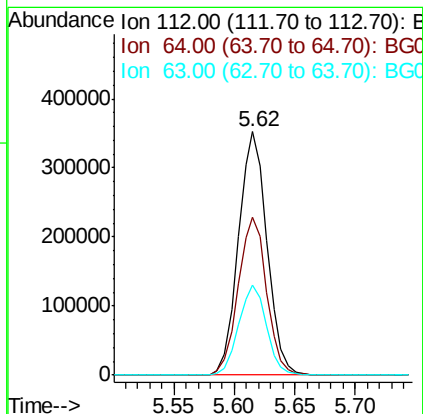
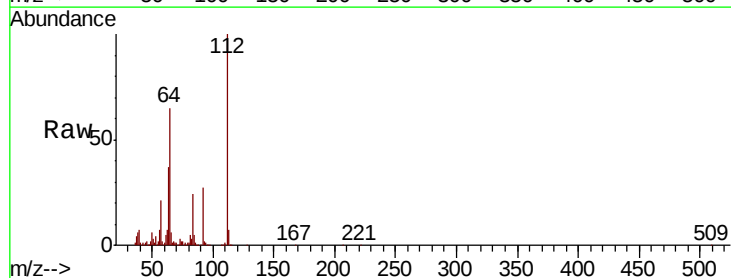
Tot Ion	Ratio	Lower	Upper
152	100		
150	170.9	128.8	193.2
115	62.6	52.6	79.0

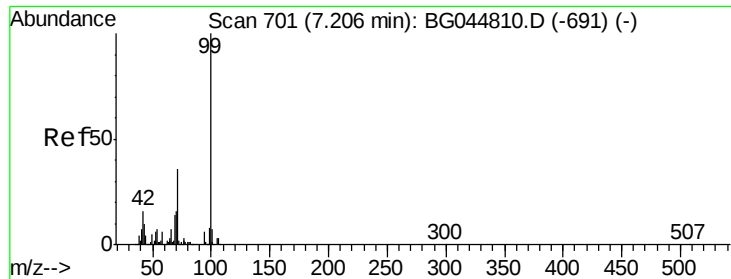


#5

2-Fluorophenol
Concen: 111.932 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044879.D
Acq: 19 Mar 2020 1:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	53.4	80.2
63	37.1	29.4	44.2





#7

Phenol-d6

Concen: 108.628 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044879.D

Acq: 19 Mar 2020 1:07

Instrument :

BNA_G

ClientSampleId :

TP-5-DA

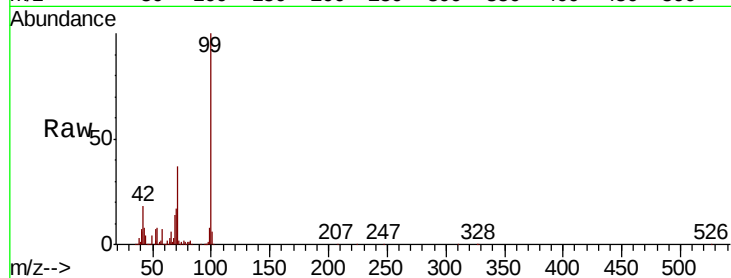
Tot Ion: 99 Resp: 818025

Ion Ratio Lower Upper

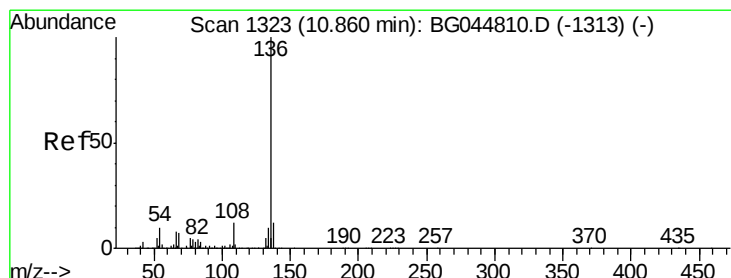
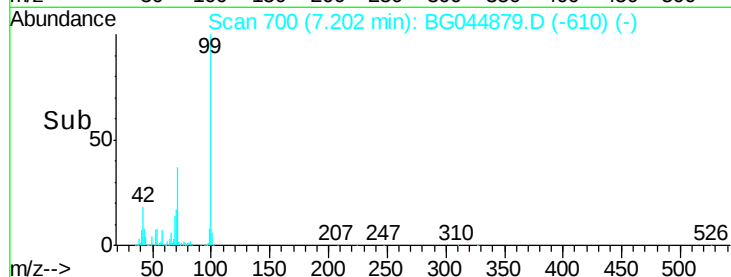
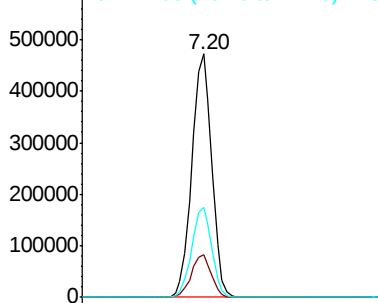
99 100

42 17.6 12.6 19.0

71 37.0 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: BG044879.D

Acq: 19 Mar 2020 1:07

Tgt Ion: 136 Resp: 306915

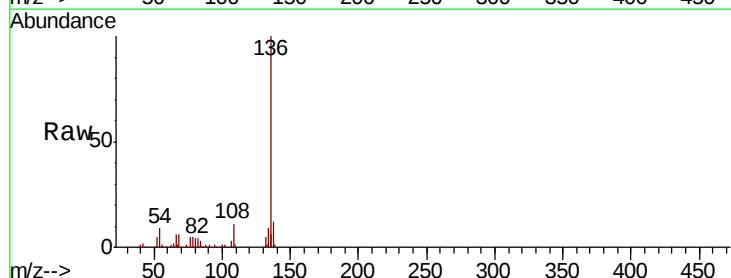
Ion Ratio Lower Upper

136 100

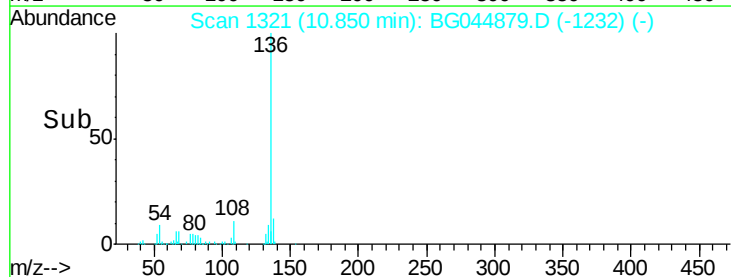
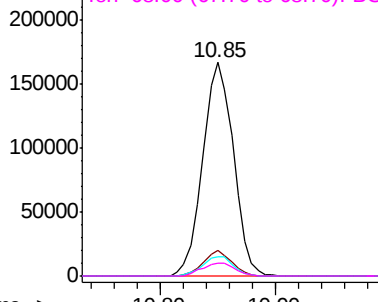
137 12.1 9.8 14.6

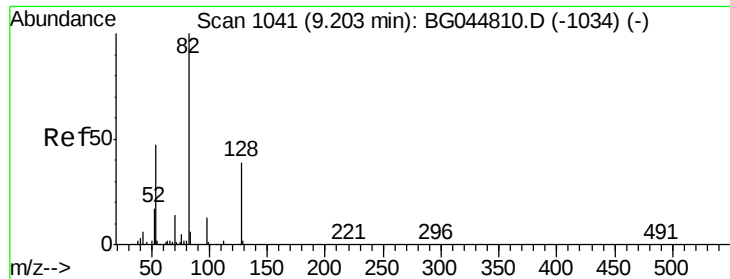
54 9.1 7.9 11.9

68 5.8 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

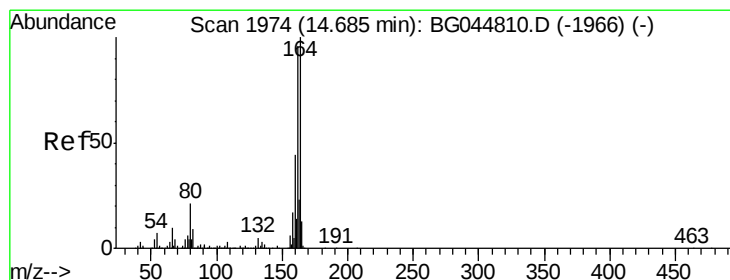
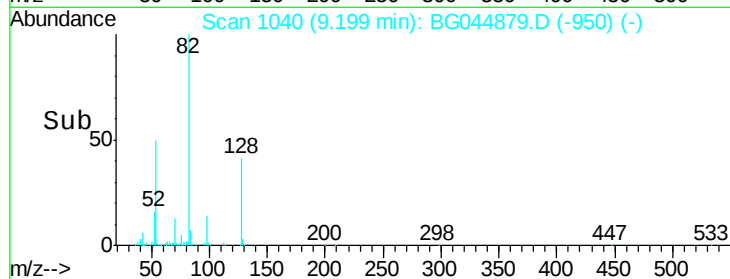
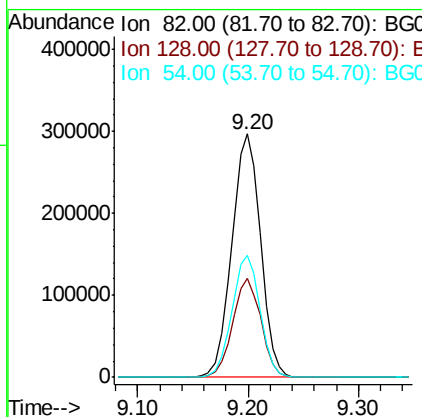
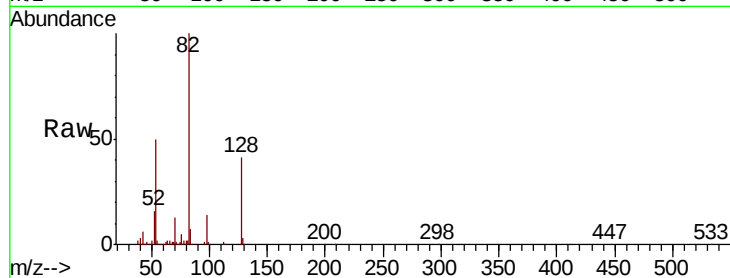




#23
 Nitrobenzene-d5
 Concen: 77.535 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044879.D
 Acq: 19 Mar 2020 1:07

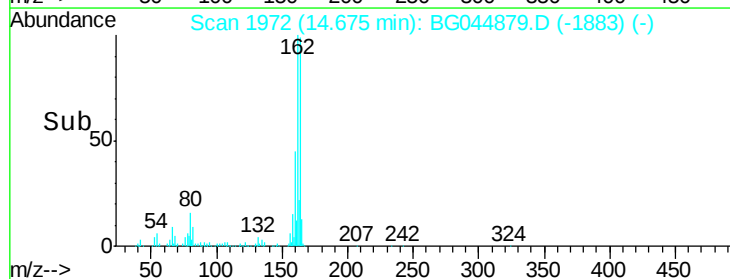
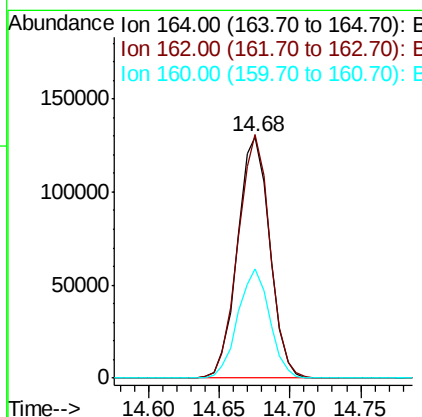
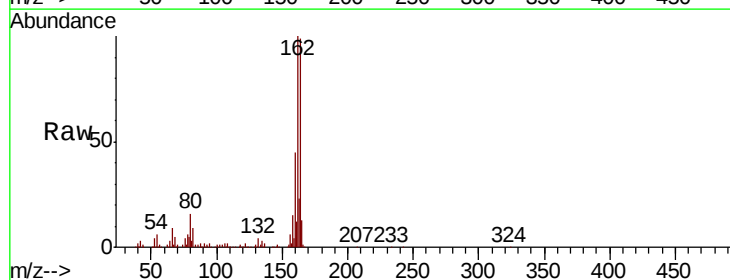
Instrument :
 BNA_G
 ClientSampleId :
 TP-5-DA

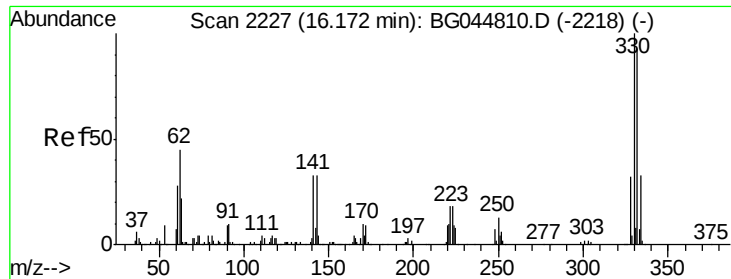
Tot Ion	82.00	Resp	542293
Ion Ratio	Lower	Upper	
82	100		
128	40.6	30.6	46.0
54	50.2	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG044879.D
 Acq: 19 Mar 2020 1:07

Tgt Ion	164.00	Resp	206360
Ion Ratio	Lower	Upper	
164	100		
162	100.9	76.7	115.1
160	45.3	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 132.788 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044879.D

Acq: 19 Mar 2020 1:07

Instrument :

BNA_G

ClientSampleId :

TP-5-DA

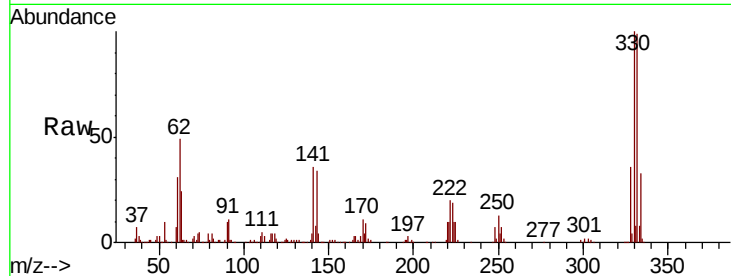
Tot Ion:330 Resp: 358789

Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.6

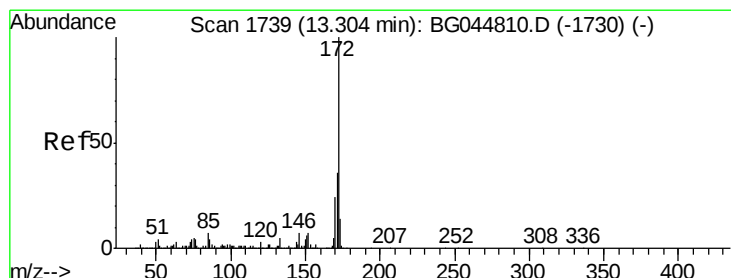
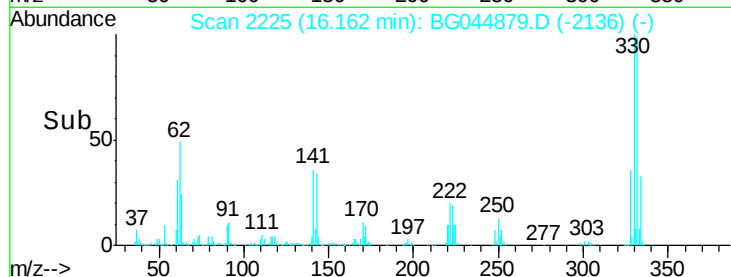
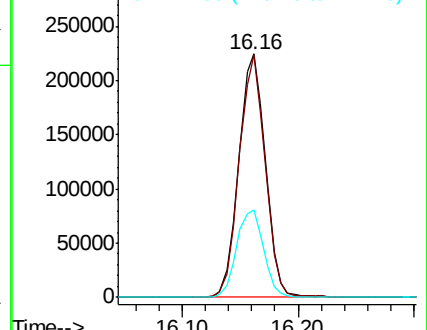
141 36.6 29.5 44.3



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: 80.960 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.00 min

Lab File: BG044879.D

Acq: 19 Mar 2020 1:07

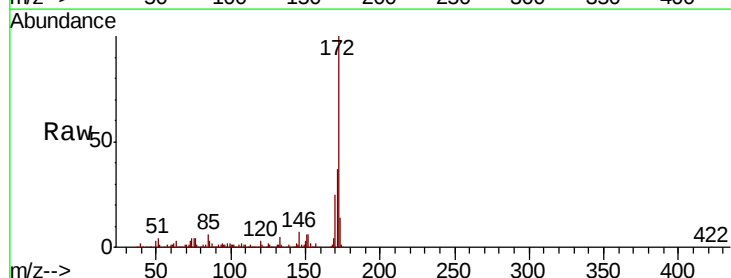
Tgt Ion:172 Resp: 1166660

Ion Ratio Lower Upper

172 100

171 37.4 28.7 43.1

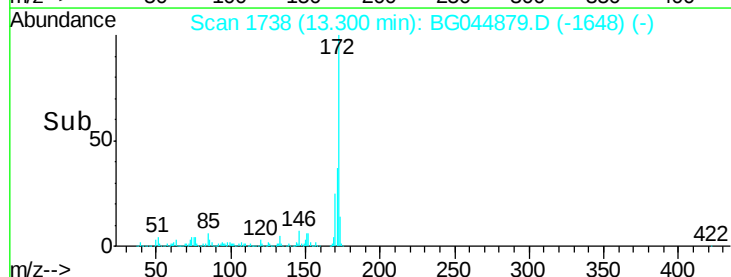
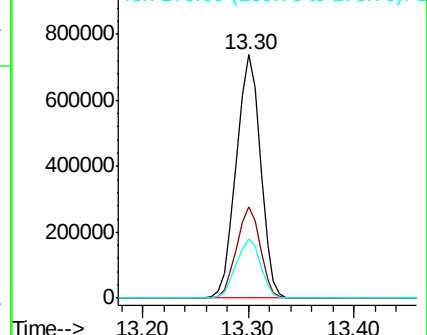
170 24.5 19.0 28.6

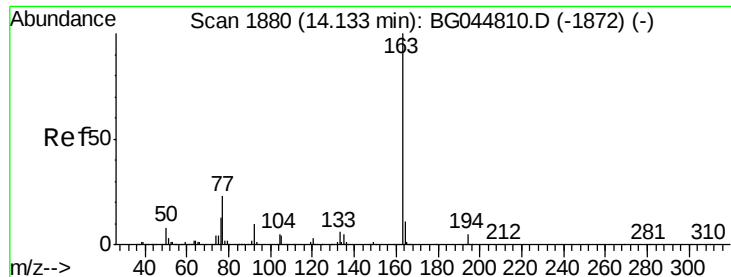


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

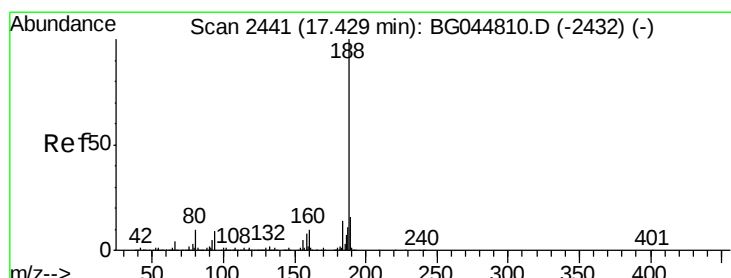
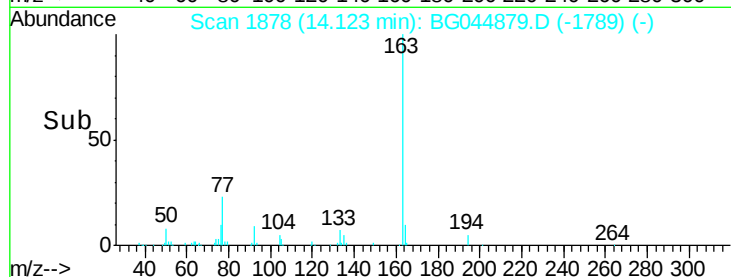
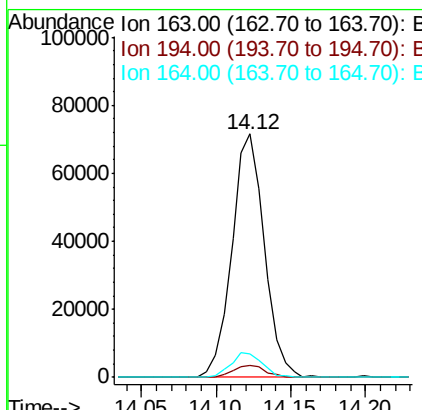
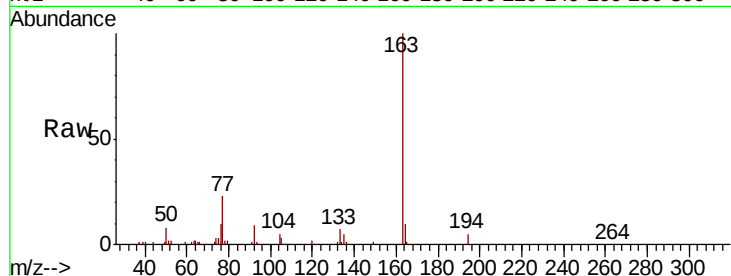




#50
Dimethylphthalate
Concen: 6.579 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044879.D
Acq: 19 Mar 2020 1:07

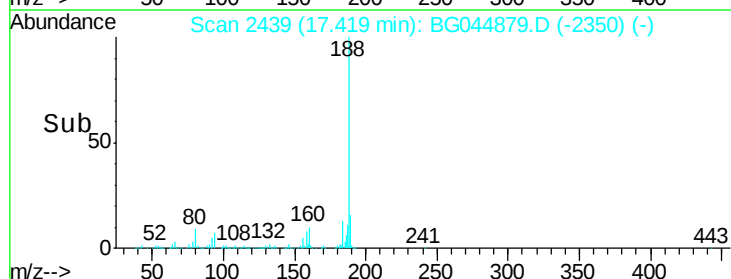
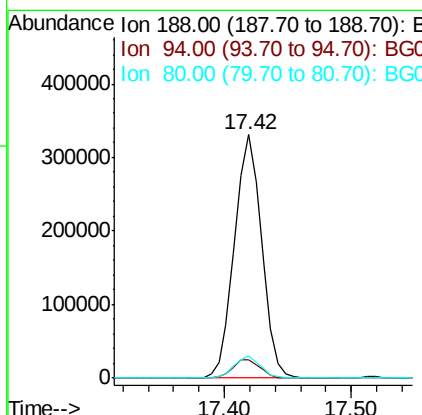
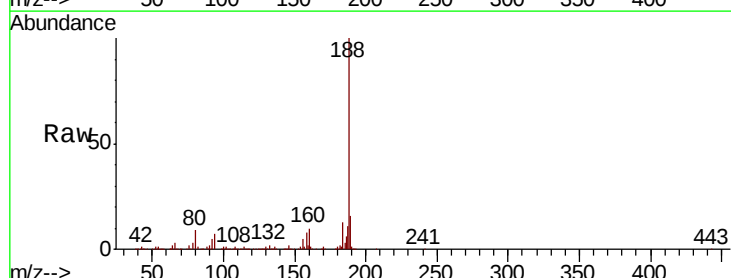
Instrument :
BNA_G
ClientSampleId :
TP-5-DA

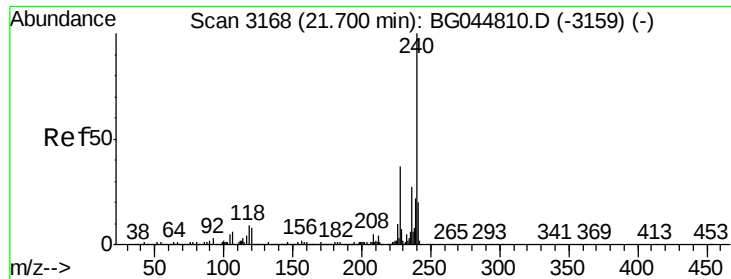
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.7	5.5
164	9.9	9.1	13.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044879.D
Acq: 19 Mar 2020 1:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.3	10.9
80	9.0	8.0	12.0

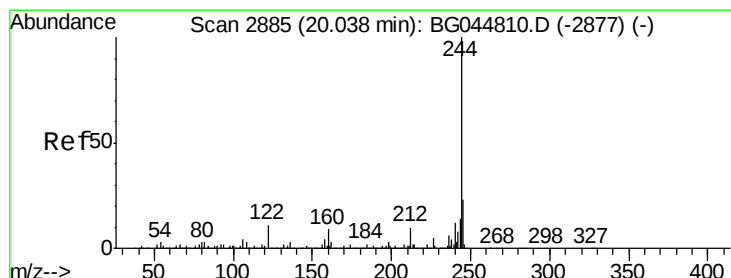
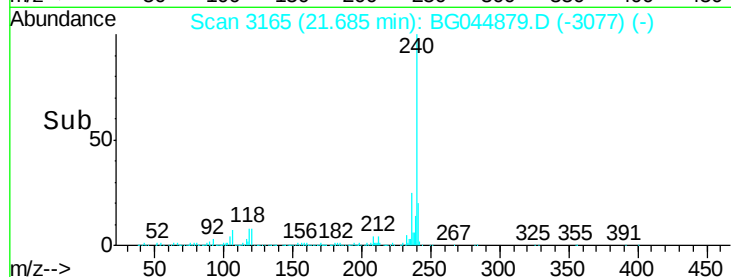
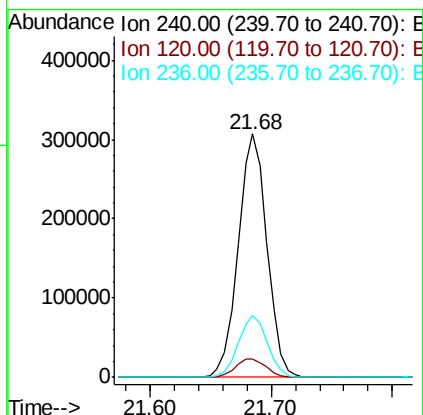
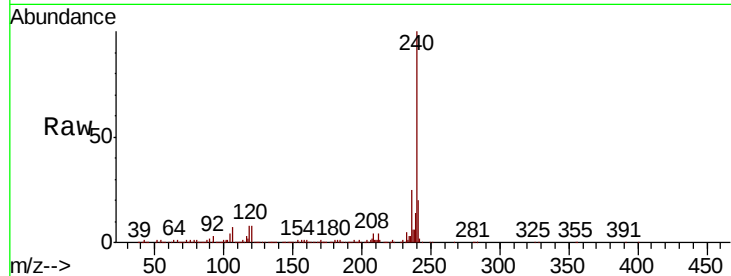




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG044879.D
Acq: 19 Mar 2020 1:07

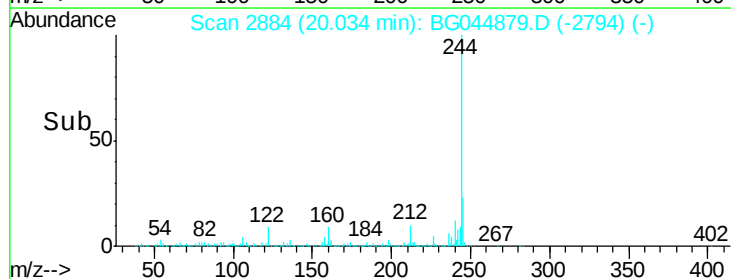
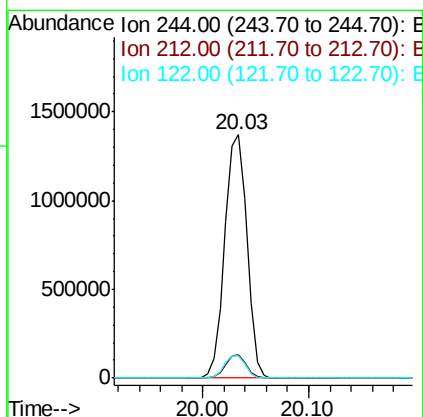
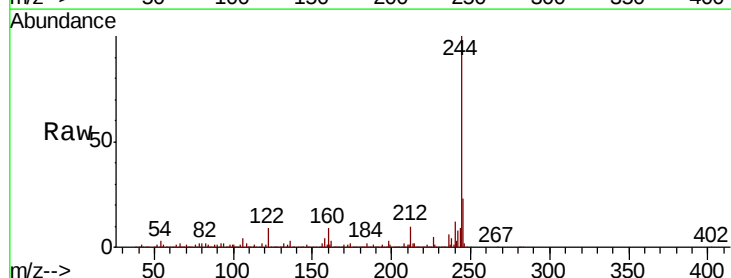
Instrument :
BNA_G
ClientSampleId :
TP-5-DA

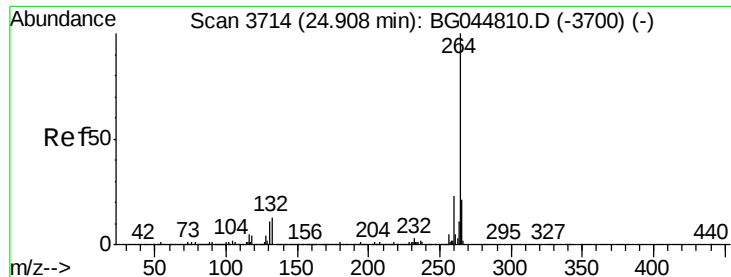
Tot Ion:240 Resp: 508364
Ion Ratio Lower Upper
240 100
120 7.8 6.7 10.1
236 25.4 21.5 32.3



#79
Terphenyl-d14
Concen: 73.108 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BG044879.D
Acq: 19 Mar 2020 1:07

Tgt Ion:244 Resp: 1986881
Ion Ratio Lower Upper
244 100
212 9.6 7.7 11.5
122 9.2 8.6 12.8

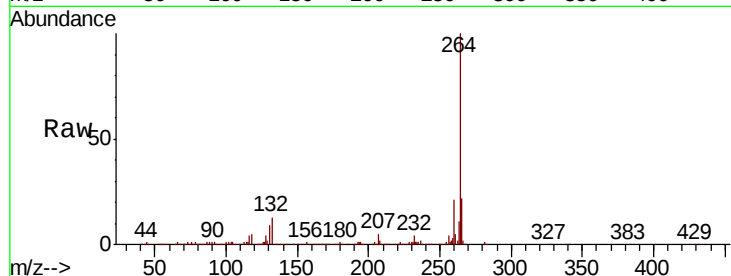




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3710
 Delta R.T. -0.02 min
 Lab File: BG044879.D
 Acq: 19 Mar 2020 1:07

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-DA

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.1	27.1
265	22.1	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

