

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040720\
 Data File : BG044961.D
 Acq On : 7 Apr 2020 19:01
 Operator : CG/JU
 Sample : L2162-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-54-53-COMP

Quant Time: Apr 08 02:50:46 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 23 07:18:46 2020
 Response via : Initial Calibration

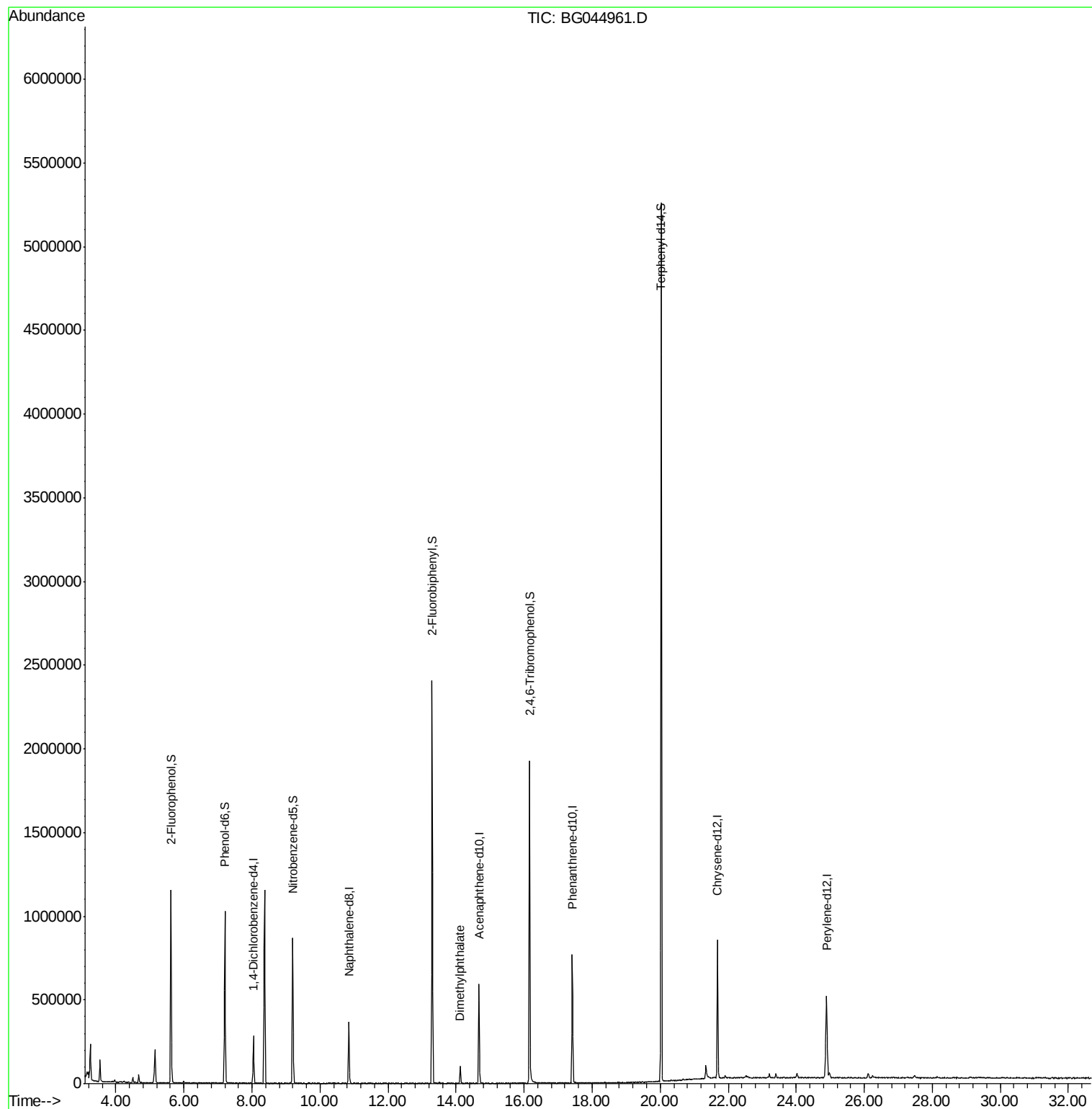
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	87067	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	334990	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	222358	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	514968	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	515351	20.00	ng	-0.01
87) Perylene-d12	24.89	264	553775	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	561172	100.33	ng	0.00
7) Phenol-d6	7.20	99	679251	83.59	ng	0.00
23) Nitrobenzene-d5	9.20	82	590003	77.29	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	413029	141.86	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1317053	84.82	ng	0.00
79) Terphenyl-d14	20.03	244	2434940	88.38	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	74321	4.197	ng	Qvalue 98

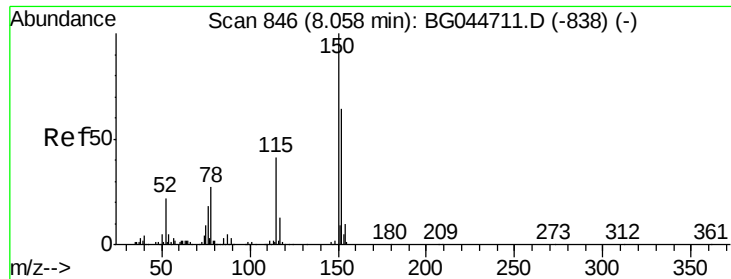
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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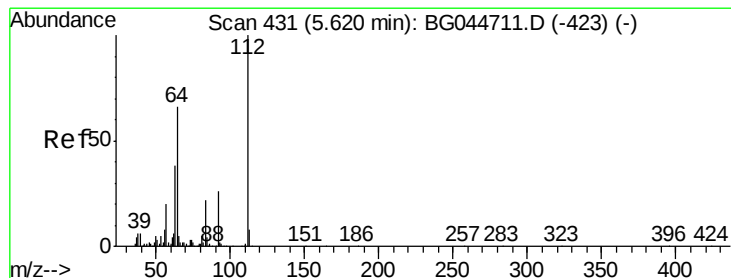
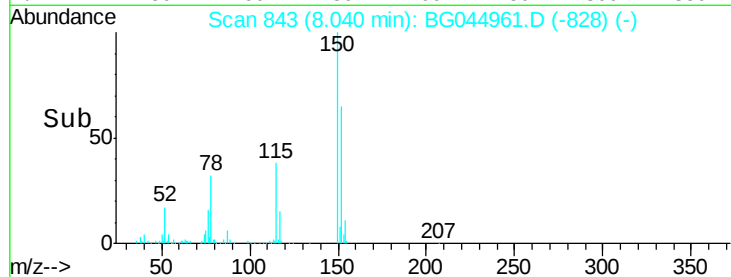
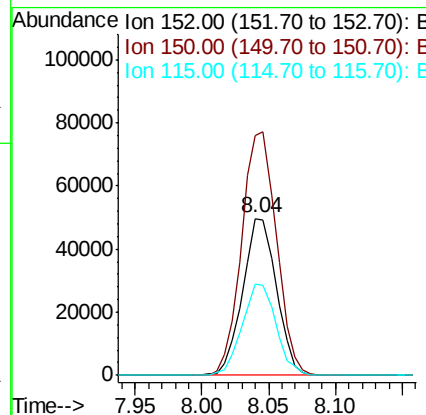
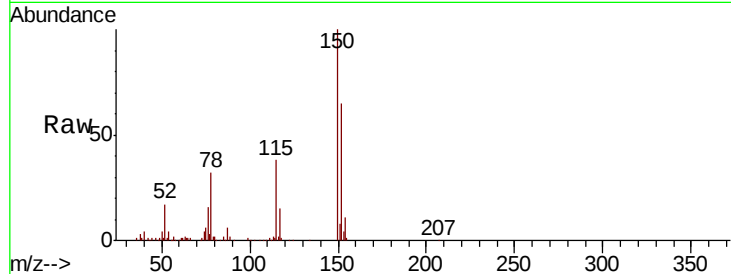


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044961.D
Acq: 7 Apr 2020 19:01

Instrument :
BNA_G
ClientSampleId :
TP-54-53-COMP

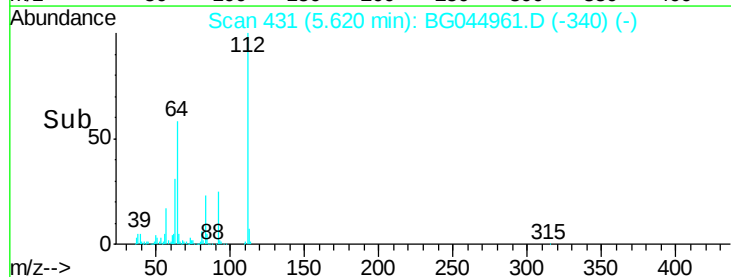
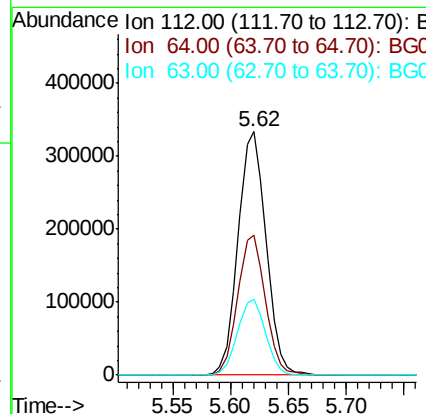
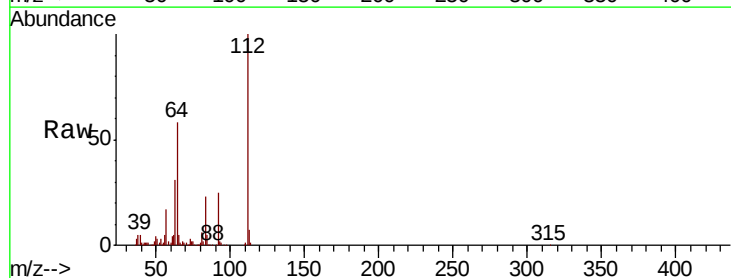
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	128.8	193.2
115	57.9	52.6	79.0

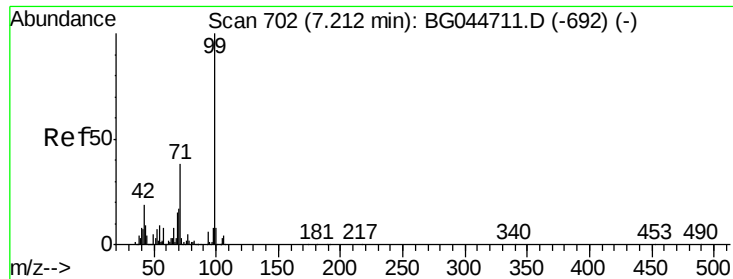


#5

2-Fluorophenol
Concen: 100.333 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG044961.D
Acq: 7 Apr 2020 19:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	53.4	80.2
63	31.0	29.4	44.2





#7

Phenol-d6

Concen: 83.586 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044961.D

Acq: 7 Apr 2020 19:01

Instrument :

BNA_G

ClientSampleId :

TP-54-53-COMP

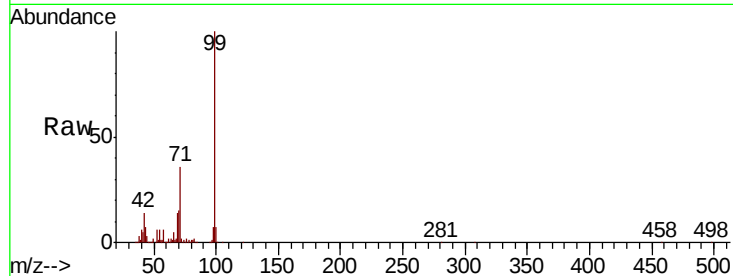
Tot Ion: 99 Resp: 679251

Ion Ratio Lower Upper

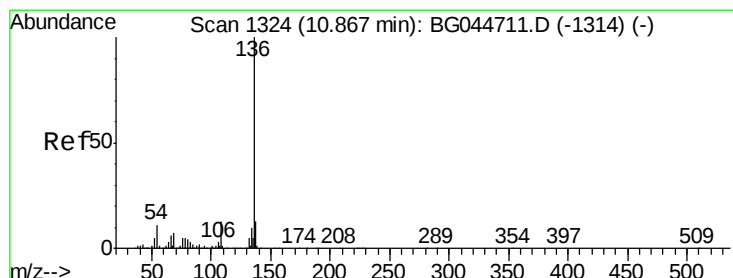
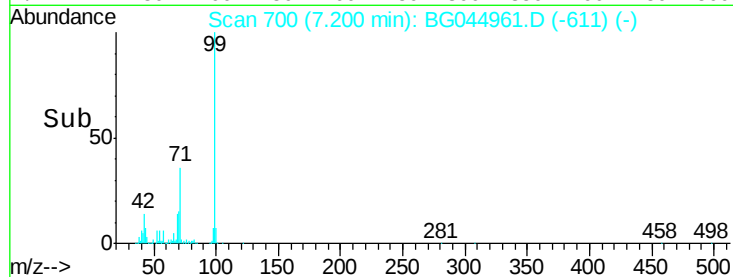
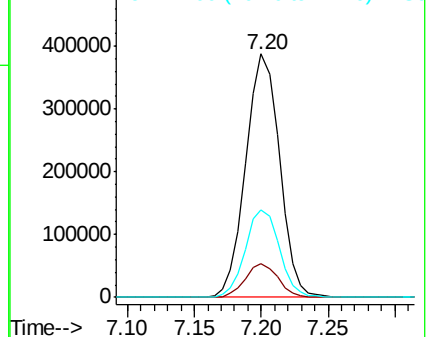
99 100

42 13.7 12.6 19.0

71 36.1 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: BG044961.D

Acq: 7 Apr 2020 19:01

Tgt Ion: 136 Resp: 334990

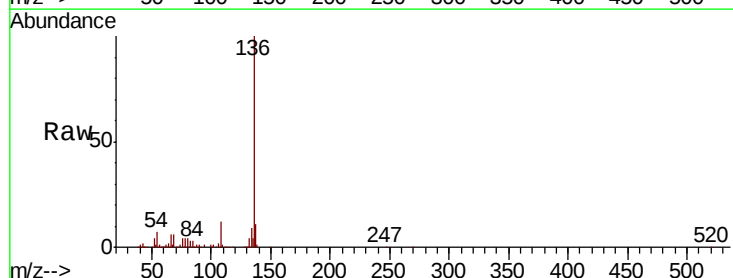
Ion Ratio Lower Upper

136 100

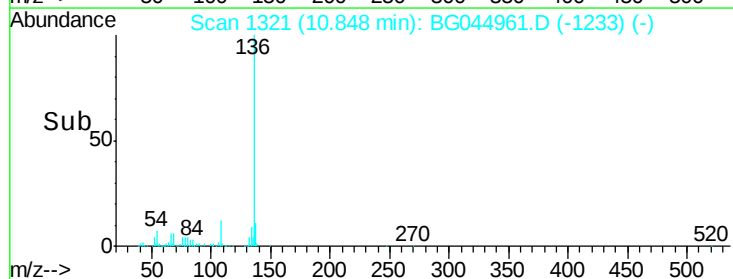
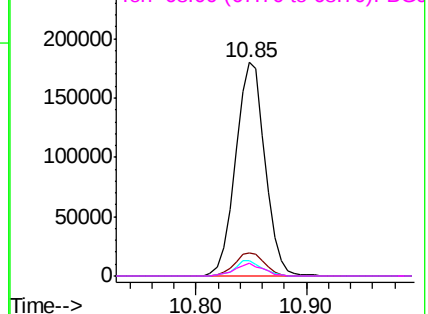
137 10.7 9.8 14.6

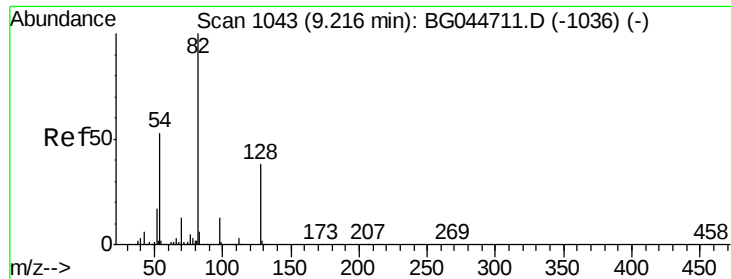
54 7.2 7.9 11.9#

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

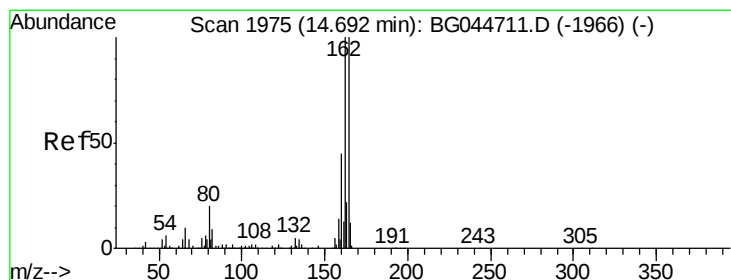
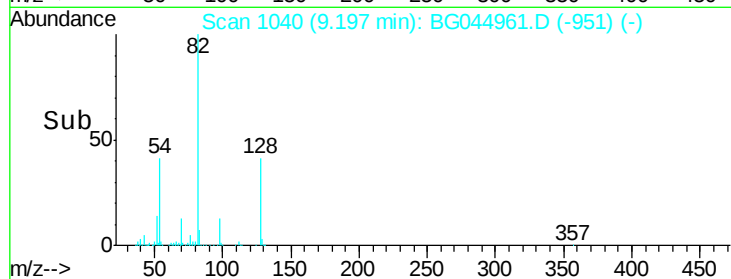
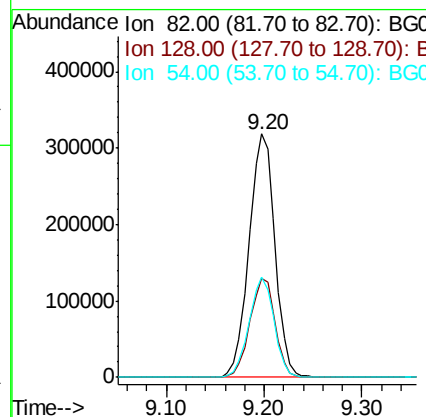
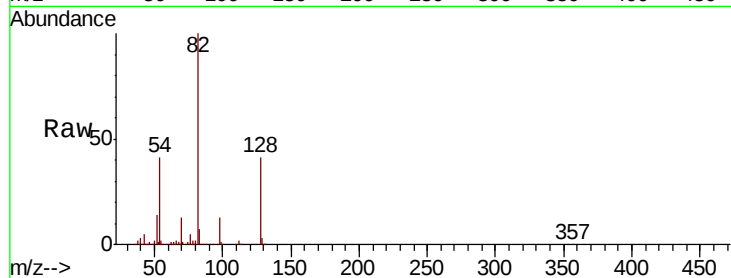




#23
Nitrobenzene-d5
Concen: 77.286 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG044961.D
Acq: 7 Apr 2020 19:01

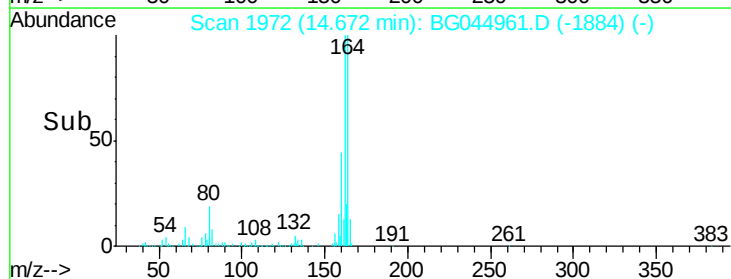
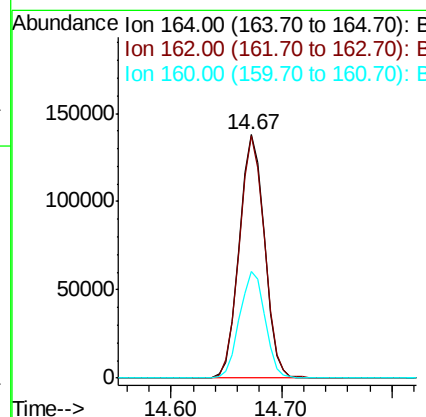
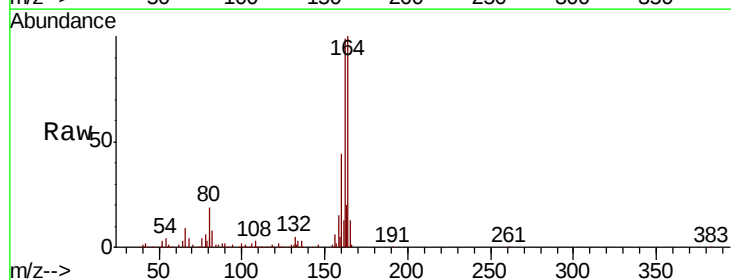
Instrument :
BNA_G
ClientSampleId :
TP-54-53-COMP

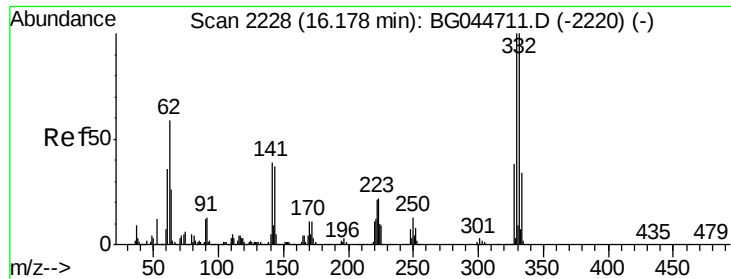
Tot Ion	82	Resp	590003
Ion Ratio	Lower	Upper	
82	100		
128	40.9	30.6	46.0
54	41.4	37.1	55.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044961.D
Acq: 7 Apr 2020 19:01

Tgt Ion	164	Resp	222358
Ion Ratio	Lower	Upper	
164	100		
162	99.5	76.7	115.1
160	43.9	35.0	52.4

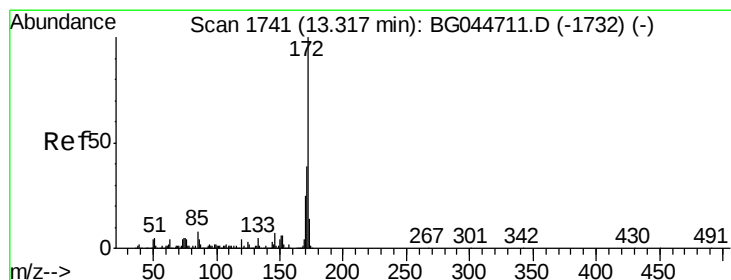
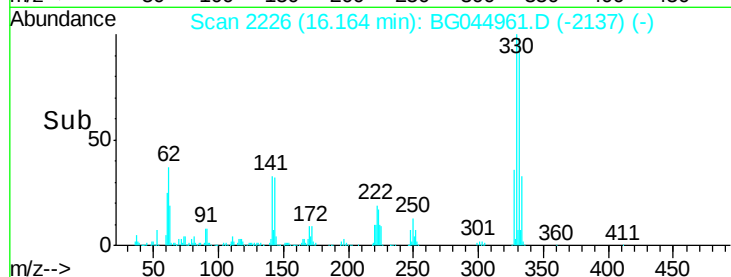
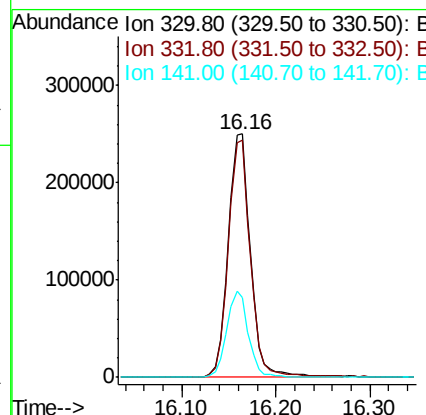
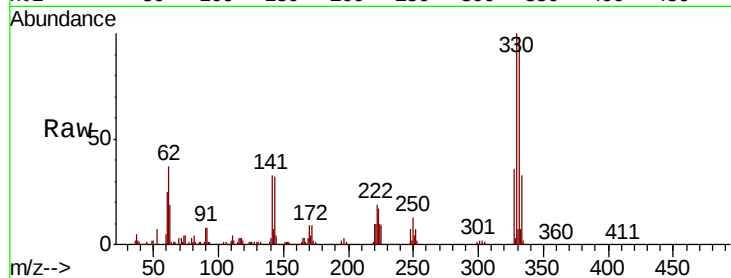




#42
 2,4,6-Tribromophenol
 Concen: 141.864 ng
 RT: 16.16 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BG044961.D
 Acq: 7 Apr 2020 19:01

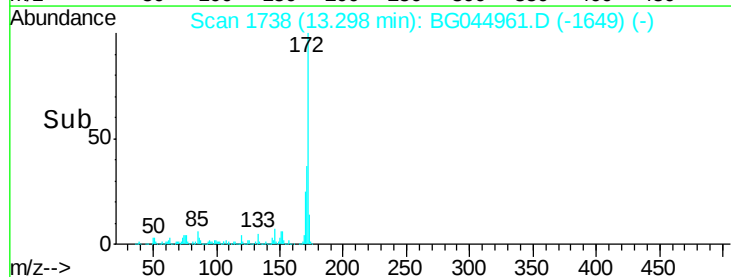
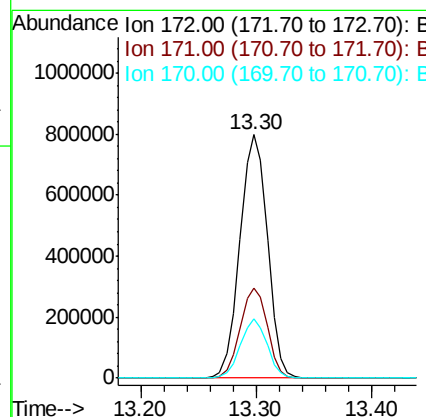
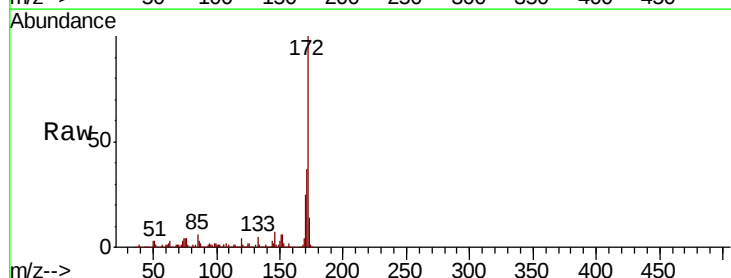
Instrument :
 BNA_G
 ClientSampleId :
 TP-54-53-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.8	116.6
141	34.2	29.5	44.3



#45
 2-Fluorobiphenyl
 Concen: 84.821 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG044961.D
 Acq: 7 Apr 2020 19:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.7	43.1
170	24.6	19.0	28.6

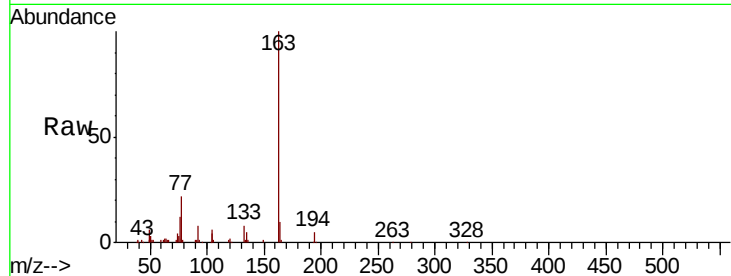




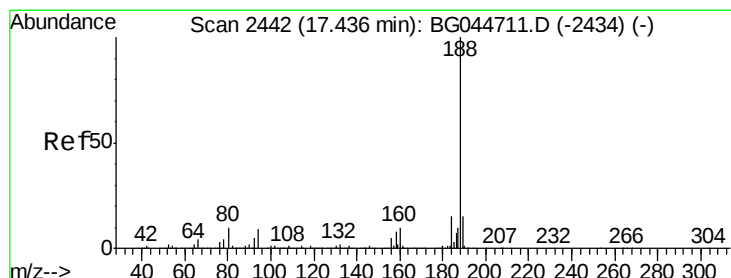
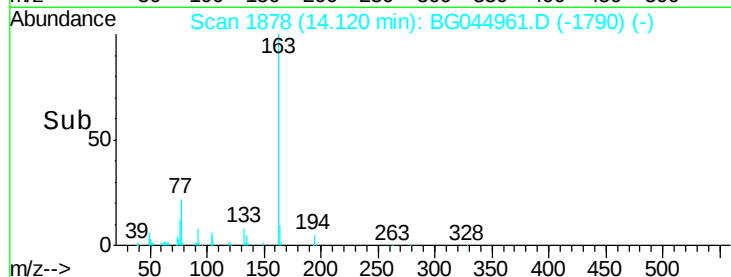
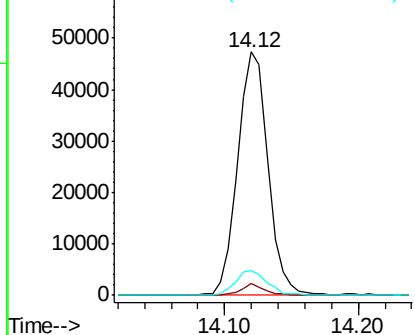
#50
Dimethylphthalate
Concen: 4.197 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044961.D
Acq: 7 Apr 2020 19:01

Instrument :
BNA_G
ClientSampleId :
TP-54-53-COMP

Tot Ion:163 Resp: 74321
Ion Ratio Lower Upper
163 100
194 4.7 3.7 5.5
164 10.1 9.1 13.7

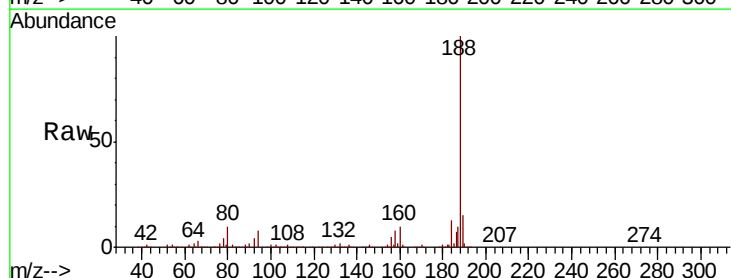


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

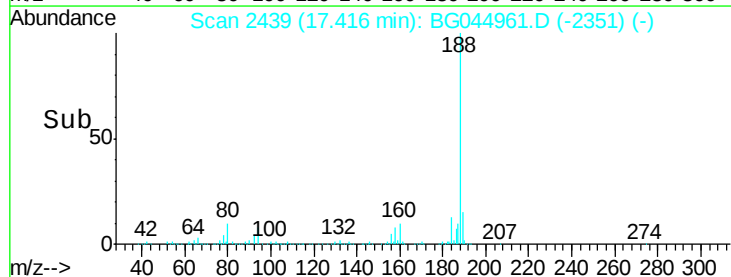
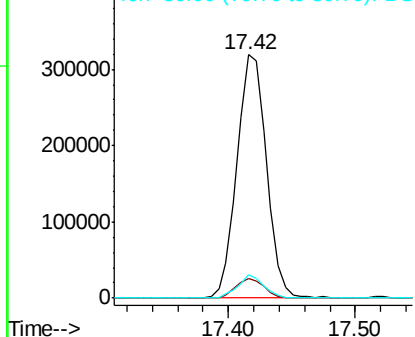


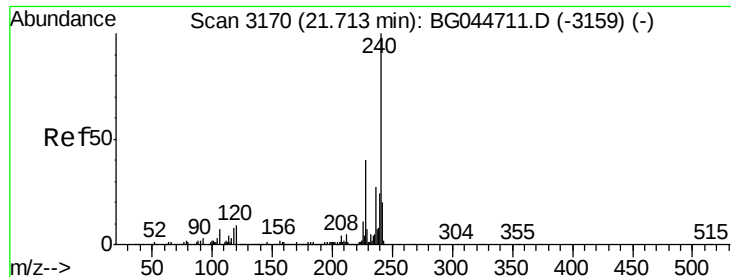
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044961.D
Acq: 7 Apr 2020 19:01

Tgt Ion:188 Resp: 514968
Ion Ratio Lower Upper
188 100
94 8.1 7.3 10.9
80 9.6 8.0 12.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG044961.D

Acq: 7 Apr 2020 19:01

Instrument :

BNA_G

ClientSampleId :

TP-54-53-COMP

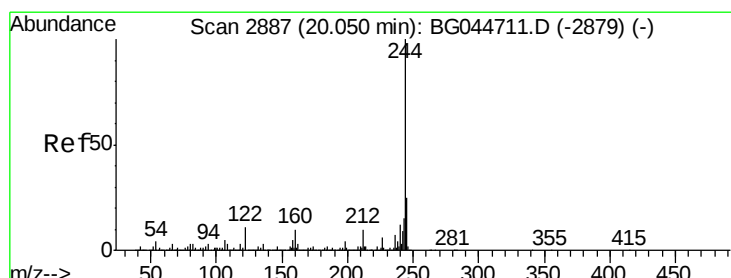
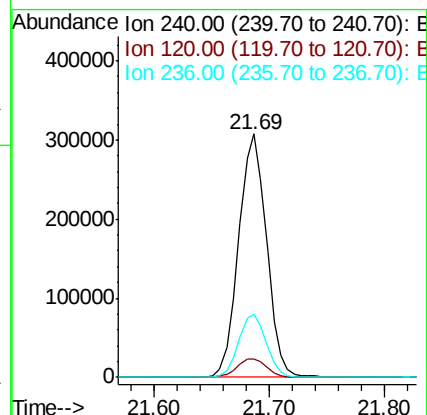
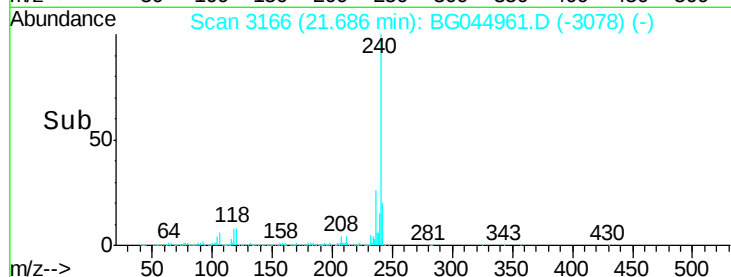
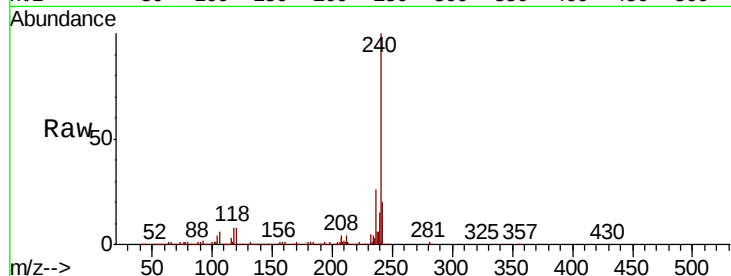
Tot Ion:240 Resp: 515351

Ion Ratio Lower Upper

240 100

120 7.7 6.7 10.1

236 26.1 21.5 32.3



#79

Terphenyl-d14

Concen: 88.380 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044961.D

Acq: 7 Apr 2020 19:01

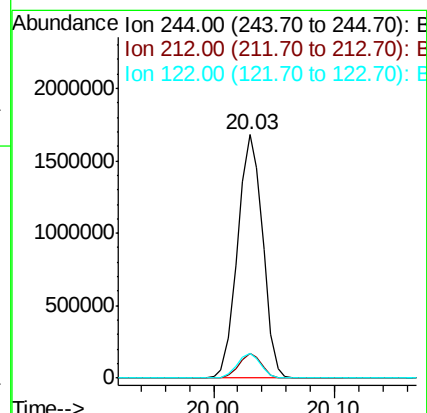
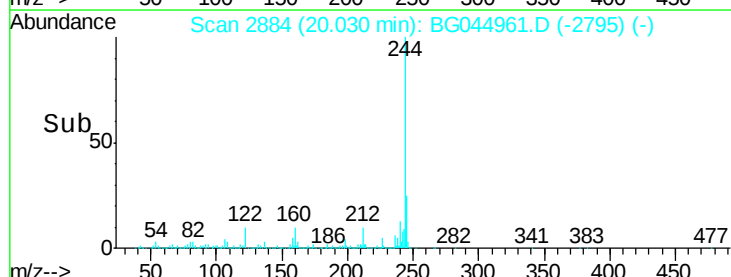
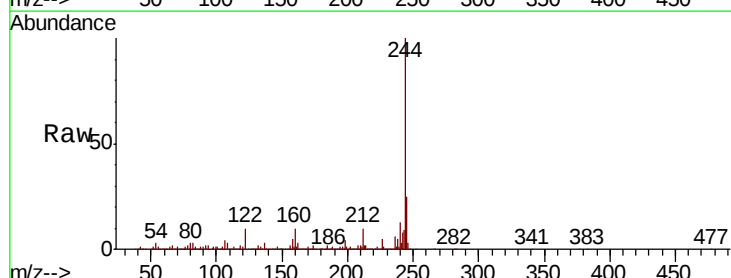
Tgt Ion:244 Resp: 2434940

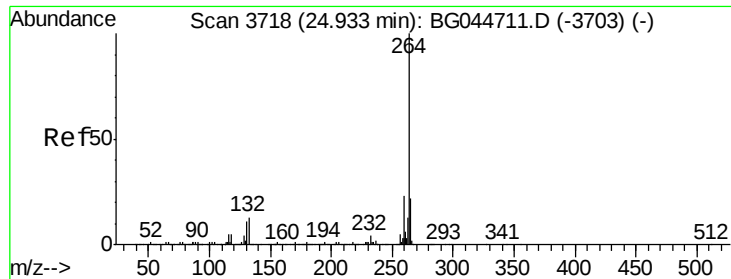
Ion Ratio Lower Upper

244 100

212 10.4 7.7 11.5

122 10.1 8.6 12.8

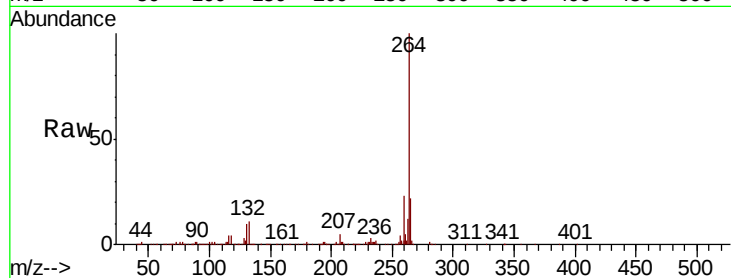




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG044961.D
Acq: 7 Apr 2020 19:01

Instrument :
BNA_G
ClientSampleId :
TP-54-53-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	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

