

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011520\
 Data File : BG044058.D
 Acq On : 15 Jan 2020 20:28
 Operator : JU
 Sample : L1123-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP-01

Quant Time: Jan 16 08:34:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

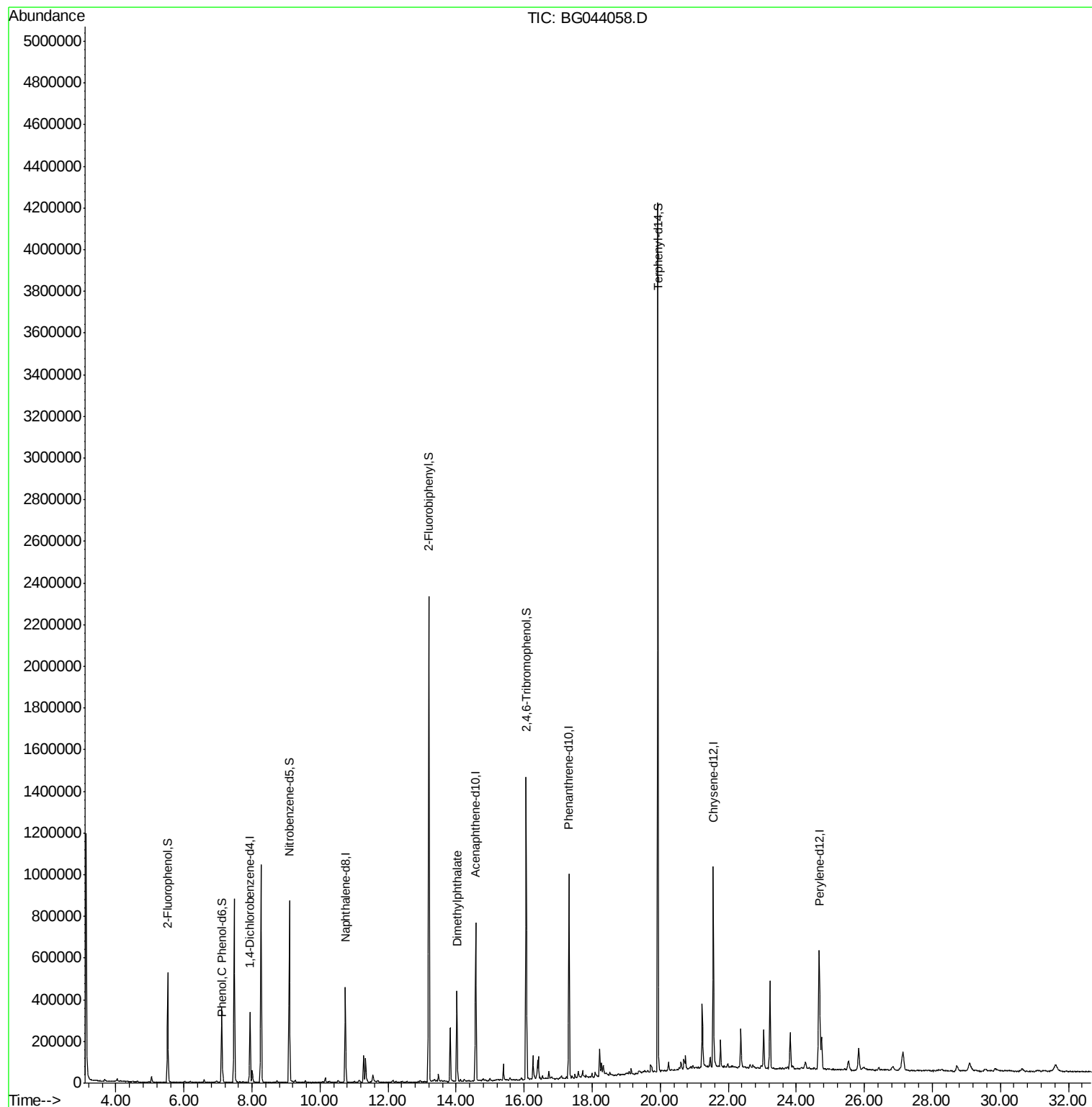
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	99632	20.00	ng	-0.02
21) Naphthalene-d8	10.74	136	414659	20.00	ng	-0.02
39) Acenaphthene-d10	14.57	164	279471	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	617248	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	534300	20.00	ng	-0.03
87) Perylene-d12	24.67	264	597032	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	258532	47.64	ng	-0.02
7) Phenol-d6	7.11	99	239164	31.53	ng	-0.02
23) Nitrobenzene-d5	9.10	82	560123	72.26	ng	-0.02
42) 2,4,6-Tribromophenol	16.06	330	266888	91.26	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1230994	79.80	ng	-0.02
79) Terphenyl-d14	19.93	244	1834821	82.03	ng	-0.02
Target Compounds						
10) Phenol	7.14	94	17065	2.184	ng	96
50) Dimethylphthalate	14.03	163	314346	15.841	ng	97

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

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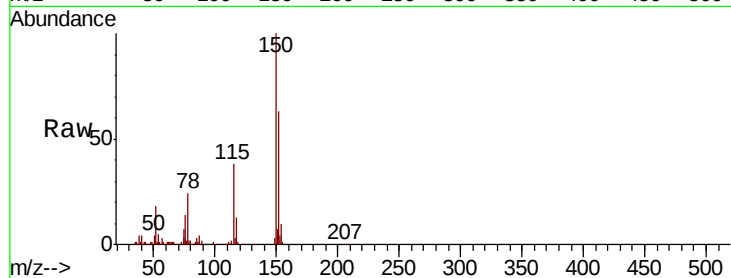


#1

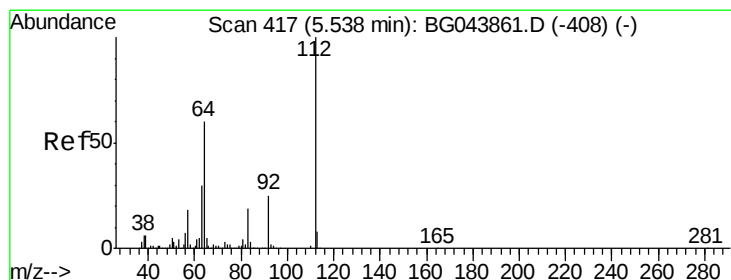
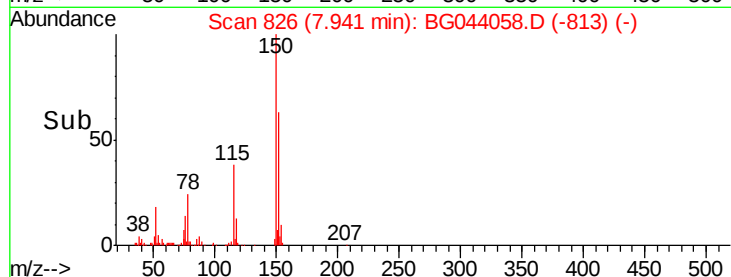
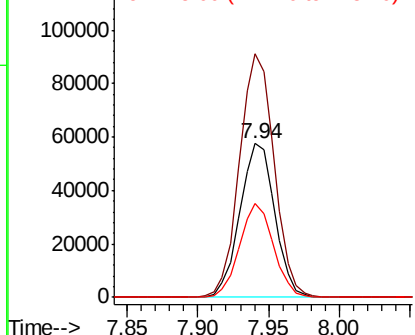
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Instrument :
BNA_G
ClientSampleId :
TWP-01

Tot Ion:152 Resp: 99632
Ion Ratio Lower Upper
152 100
150 158.2 127.0 190.4
115 60.9 47.8 71.8



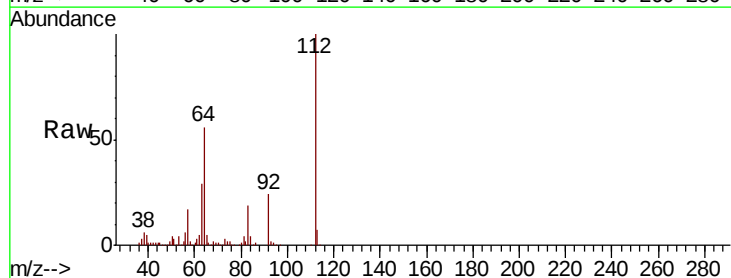
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



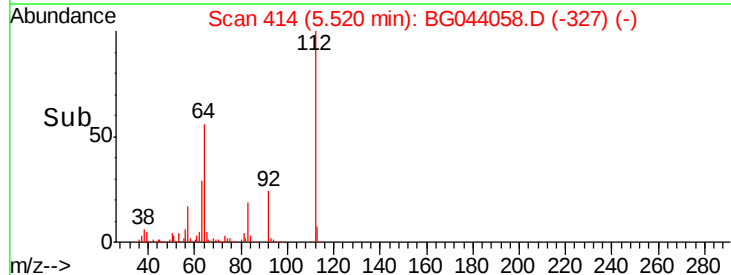
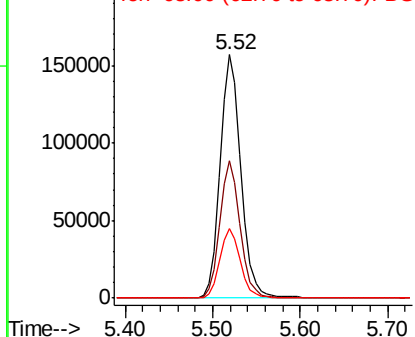
#5

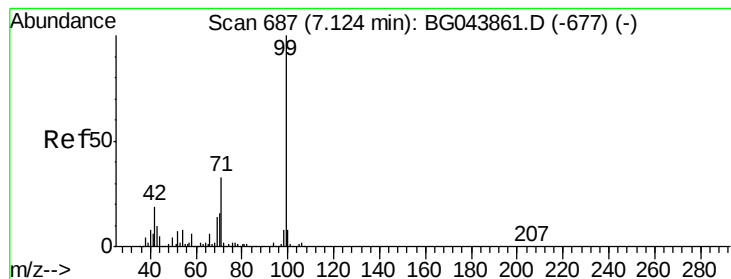
2-Fluorophenol
Concen: 47.645 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.02 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Tgt Ion:112 Resp: 258532
Ion Ratio Lower Upper
112 100
64 56.3 47.8 71.6
63 28.7 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 31.532 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

Lab File: BG044058.D

Acq: 15 Jan 2020 20:28

Instrument :

BNA_G

ClientSampleId :

TWP-01

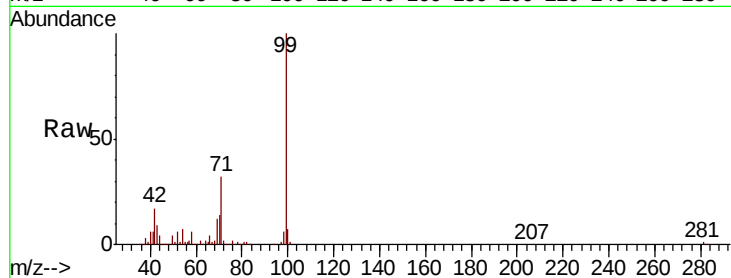
Tot Ion: 99 Resp: 239164

Ion Ratio Lower Upper

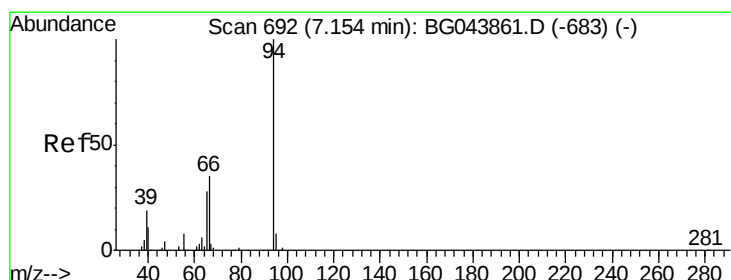
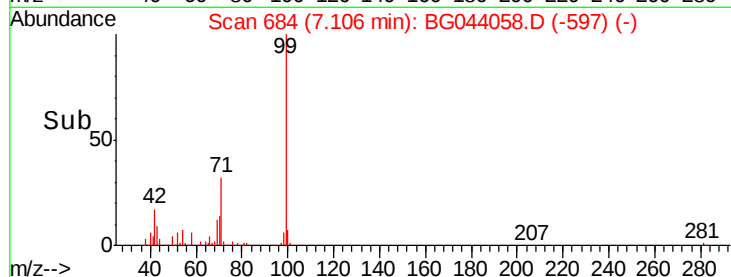
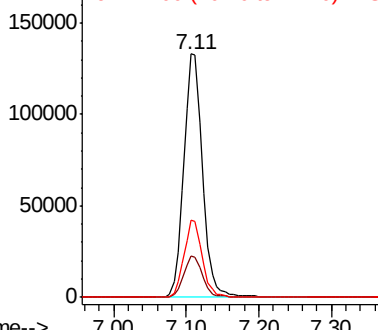
99 100

42 17.1 14.9 22.3

71 31.6 26.4 39.6



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



#10

Phenol

Concen: 2.184 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.02 min

Lab File: BG044058.D

Acq: 15 Jan 2020 20:28

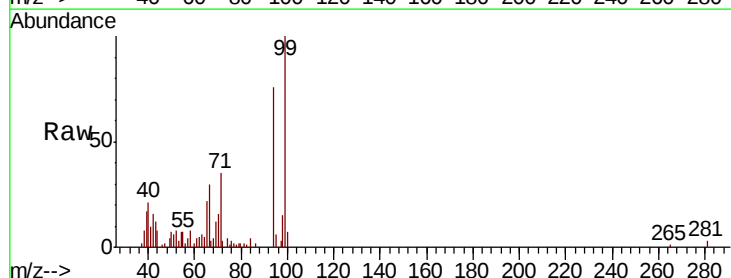
Tgt Ion: 94 Resp: 17065

Ion Ratio Lower Upper

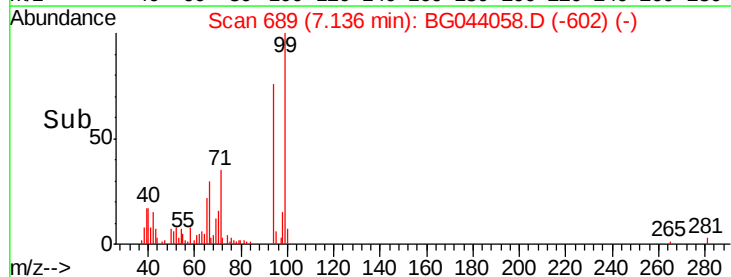
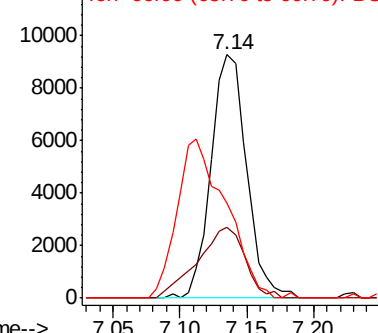
94 100

65 29.2 8.1 48.1

66 39.0 15.6 55.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

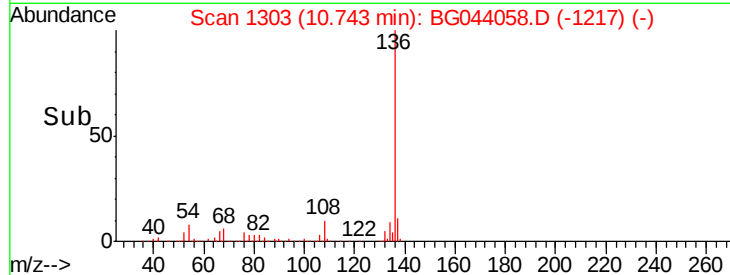
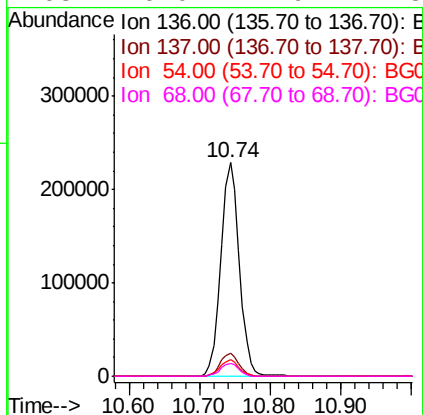
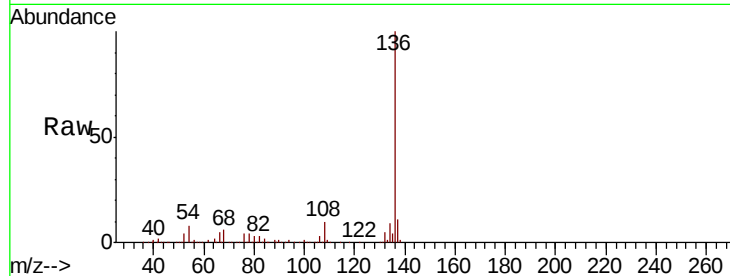




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

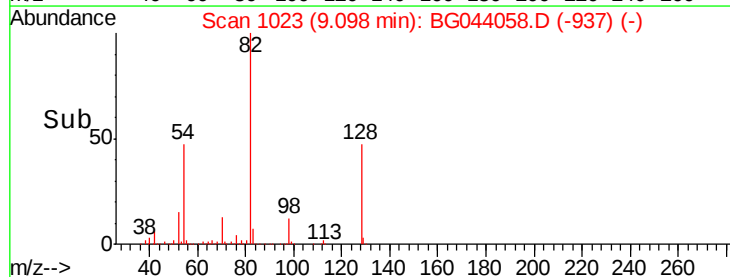
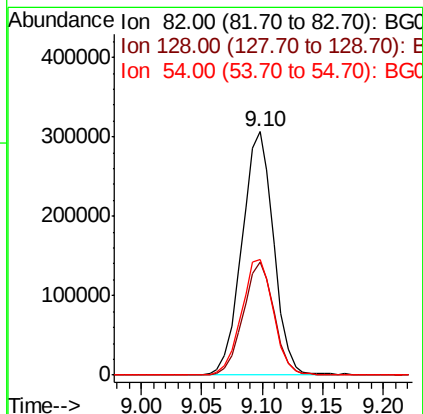
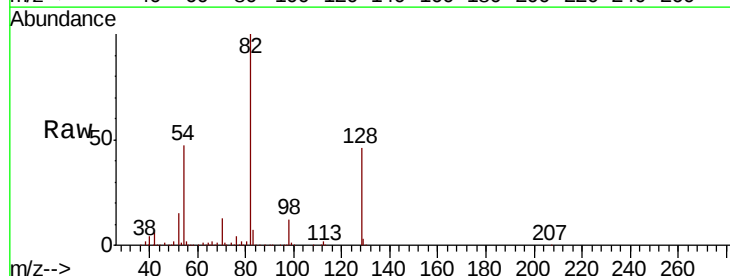
Instrument :
BNA_G
ClientSampleId :
TWP-01

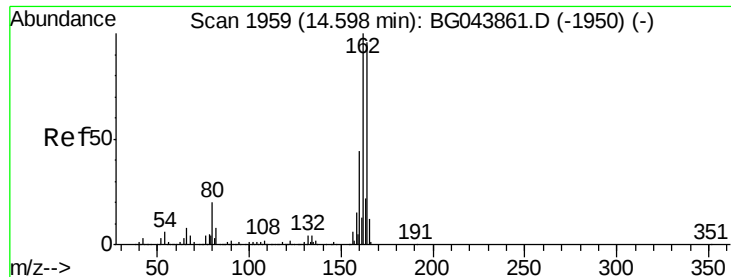
Tot Ion:136	Resp:	414659	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	8.8	13.2	
54 7.6	7.0	10.4	
68 6.0	4.9	7.3	



#23
Nitrobenzene-d5
Concen: 72.262 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Tgt	Ion: 82	Resp:	560123
Ion	Ratio	Lower	Upper
82	100		
128	46.5	35.1	52.7
54	47.4	40.1	60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG044058.D

Acq: 15 Jan 2020 20:28

Instrument :

BNA_G

ClientSampleId :

TWP-01

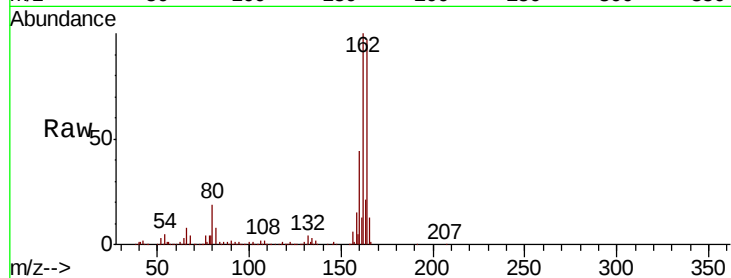
Tot Ion:164 Resp: 279471

Ion Ratio Lower Upper

164 100

162 103.3 83.0 124.4

160 45.4 36.1 54.1

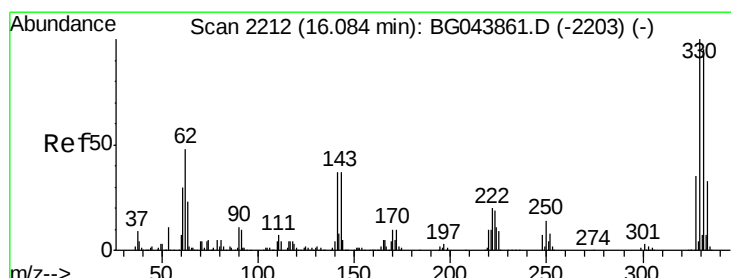
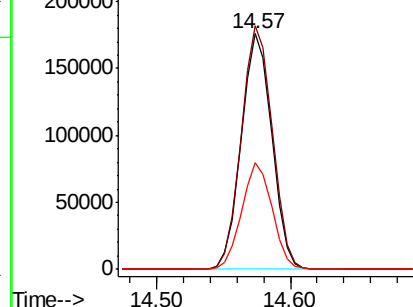
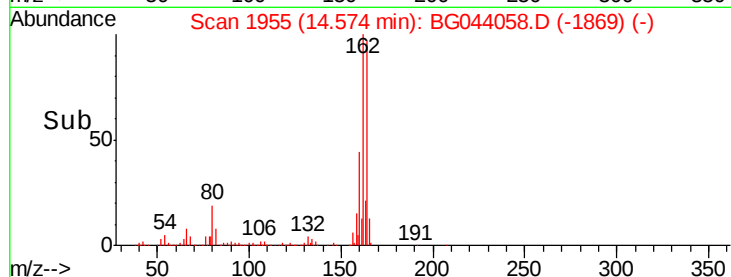


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 91.256 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG044058.D

Acq: 15 Jan 2020 20:28

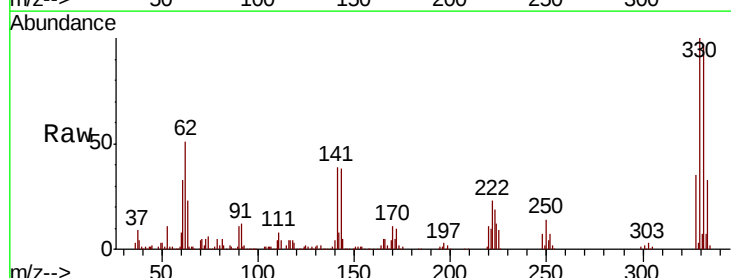
Tgt Ion:330 Resp: 266888

Ion Ratio Lower Upper

330 100

332 96.0 77.2 115.8

141 38.4 33.1 49.7

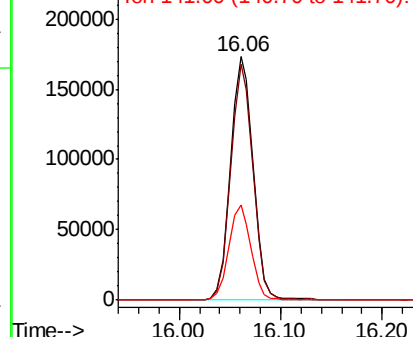
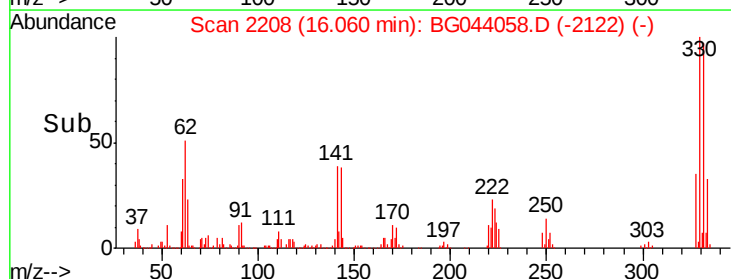


Abundance

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

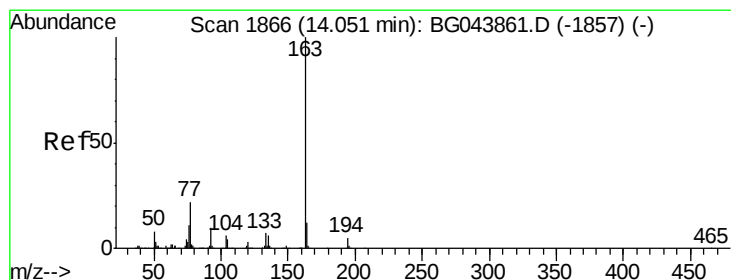
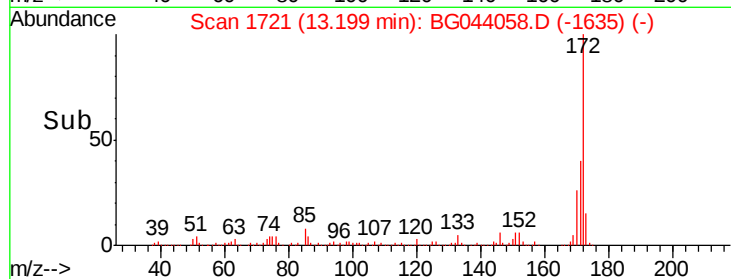
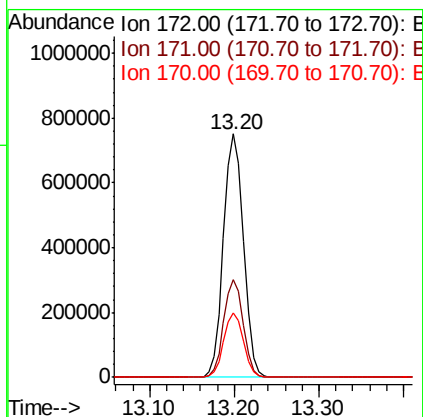
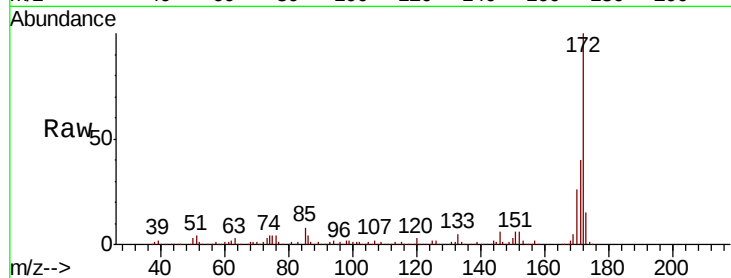




#45
2-Fluorobiphenyl
Concen: 79.804 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

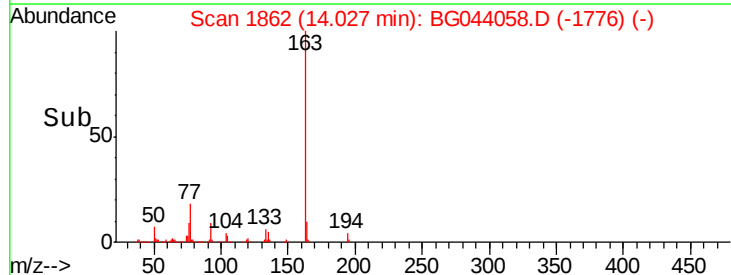
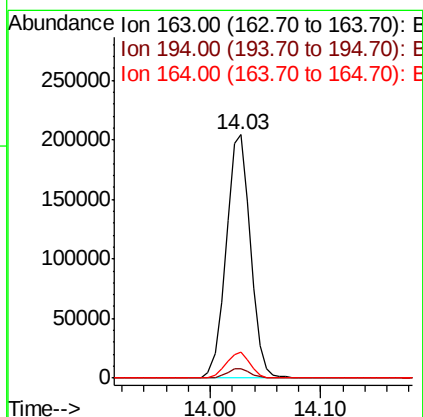
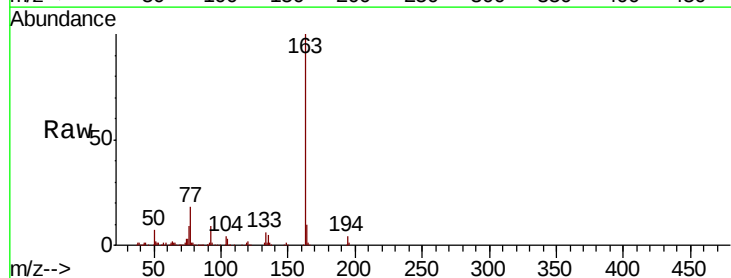
Instrument :
BNA_G
ClientSampleId :
TWP-01

Tot Ion:172 Resp: 1230994
Ion Ratio Lower Upper
172 100
171 39.9 35.8 53.8
170 26.4 24.2 36.4



#50
Dimethylphthalate
Concen: 15.841 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Tgt Ion:163 Resp: 314346
Ion Ratio Lower Upper
163 100
194 3.8 3.7 5.5
164 10.4 9.3 13.9

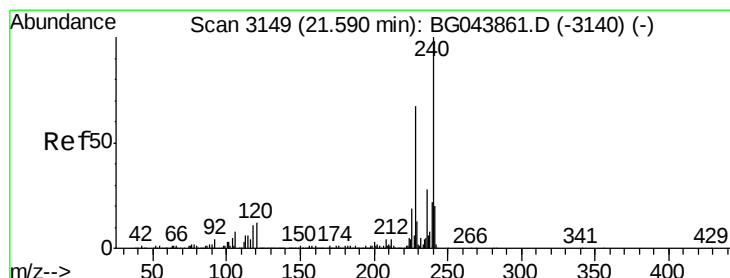
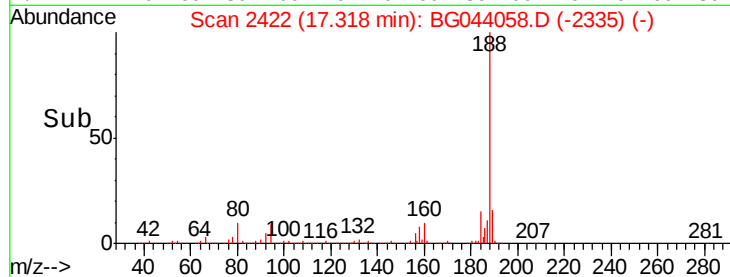
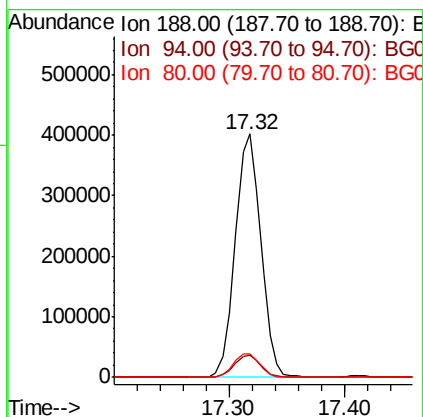
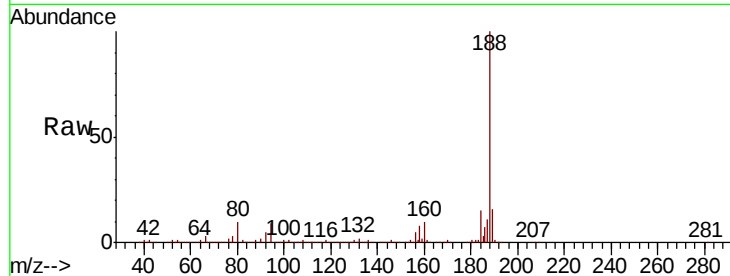




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

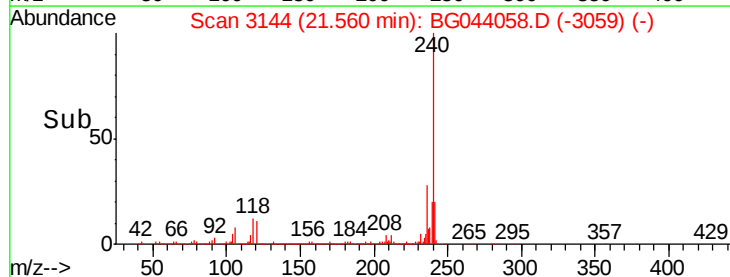
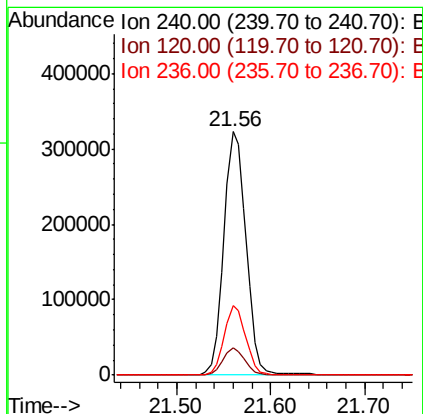
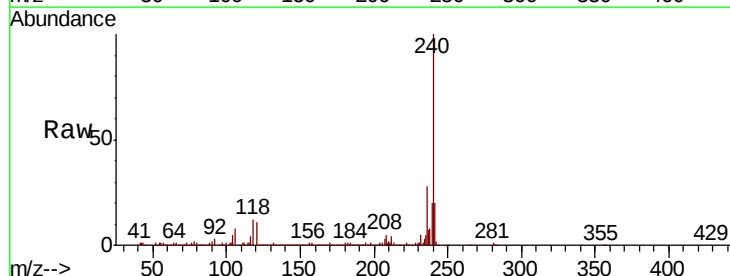
Instrument :
BNA_G
ClientSampleId :
TWP-01

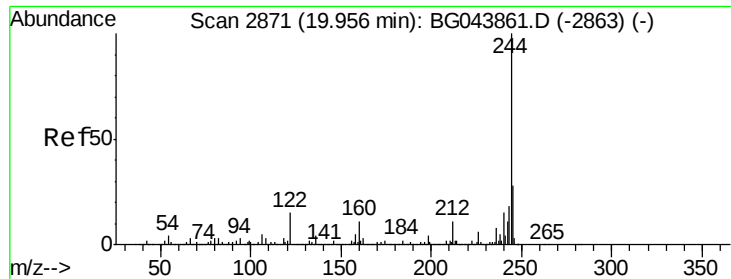
Tot Ion:188 Resp: 617248
Ion Ratio Lower Upper
188 100
94 9.2 7.9 11.9
80 9.7 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.03 min
Lab File: BG044058.D
Acq: 15 Jan 2020 20:28

Tgt Ion:240 Resp: 534300
Ion Ratio Lower Upper
240 100
120 11.4 9.6 14.4
236 28.4 22.2 33.2





#79

Terphenyl-d14

Concen: 82.028 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.02 min

Lab File: BG044058.D

Acq: 15 Jan 2020 20:28

Instrument :

BNA_G

ClientSampleId :

TWP-01

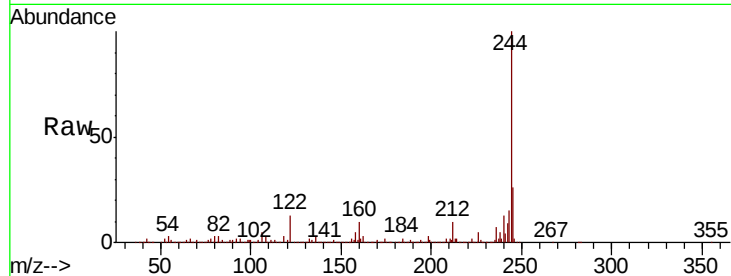
Tot Ion:244 Resp: 1834821

Ion Ratio Lower Upper

244 100

212 9.8 8.6 13.0

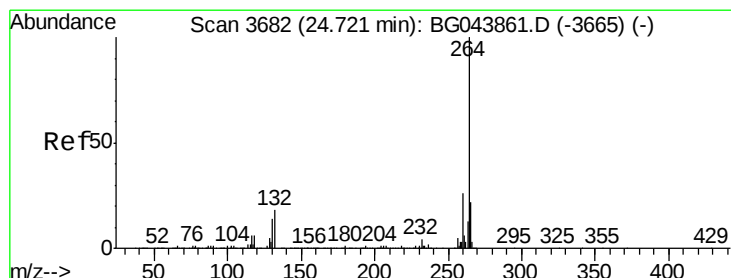
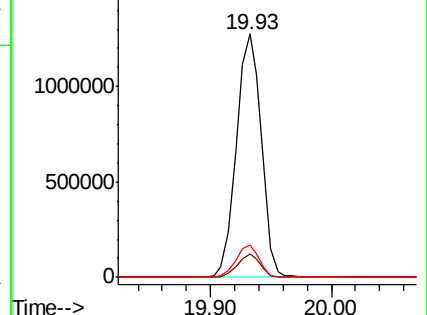
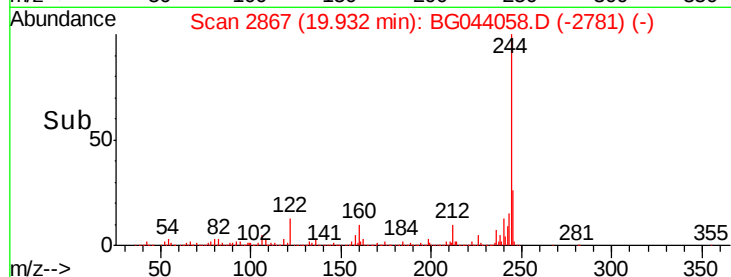
122 13.1 11.9 17.9



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

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3674

Delta R.T. -0.05 min

Lab File: BG044058.D

Acq: 15 Jan 2020 20:28

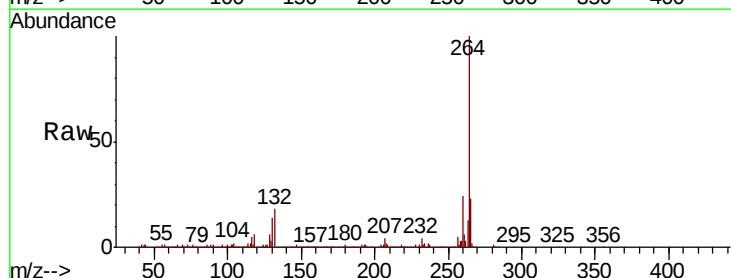
Tgt Ion:264 Resp: 597032

Ion Ratio Lower Upper

264 100

260 24.0 20.4 30.6

265 22.9 17.4 26.2



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

