

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
 Data File : BG044145.D
 Acq On : 21 Jan 2020 22:34
 Operator : JU
 Sample : L1166-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QVD-WC-S-SB-0203

Quant Time: Jan 22 07:25:33 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

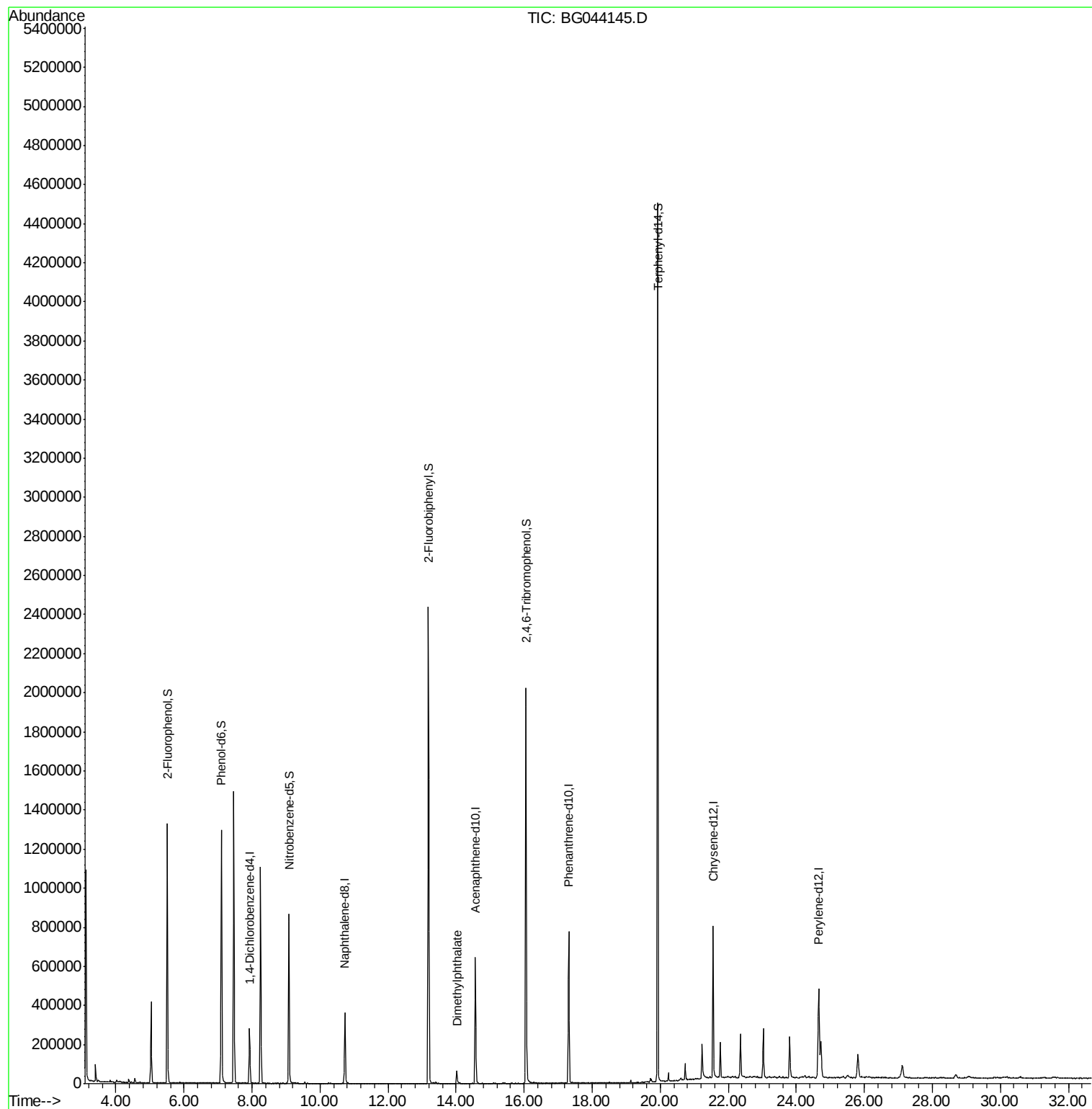
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	81066	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	343102	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	242309	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	515520	20.00	ng	-0.02
76) Chrysene-d12	21.55	240	444371	20.00	ng	-0.04
87) Perylene-d12	24.66	264	483830	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	634524	143.72	ng	-0.03
7) Phenol-d6	7.10	99	840741	136.23	ng	-0.02
23) Nitrobenzene-d5	9.09	82	566535	88.33	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	407778	160.81	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1310842	98.01	ng	-0.04
79) Terphenyl-d14	19.93	244	2015625	121.68	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.02	163	57047	3.316	ng	Qvalue 99

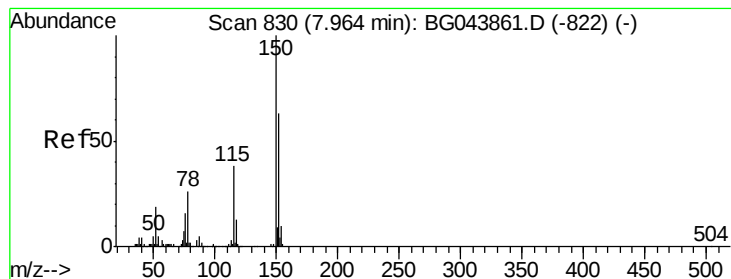
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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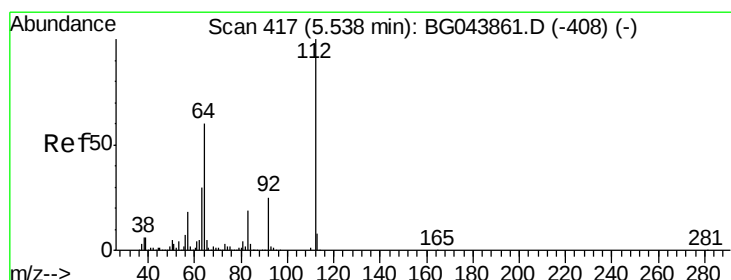
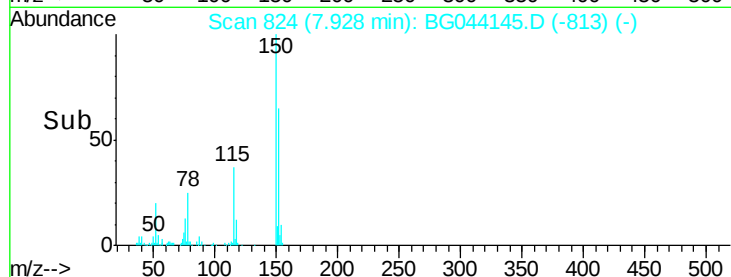
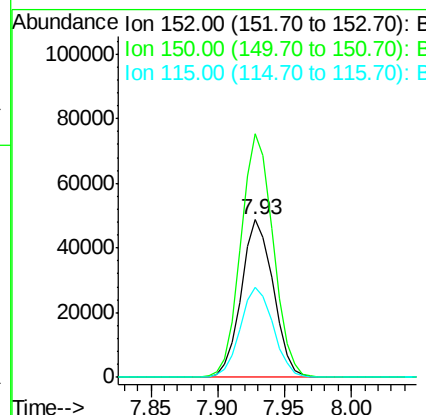
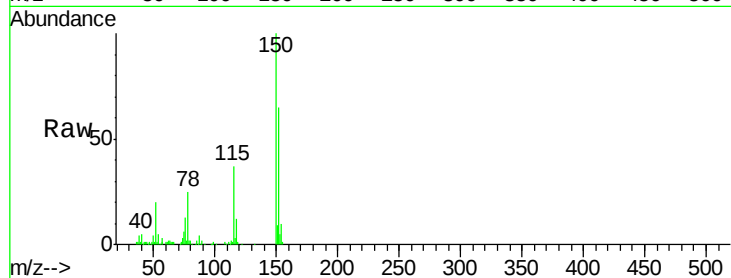


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044145.D
Acq: 21 Jan 2020 22:34

Instrument :
BNA_G
ClientSampleId :
QVD-WC-S-SB-0203

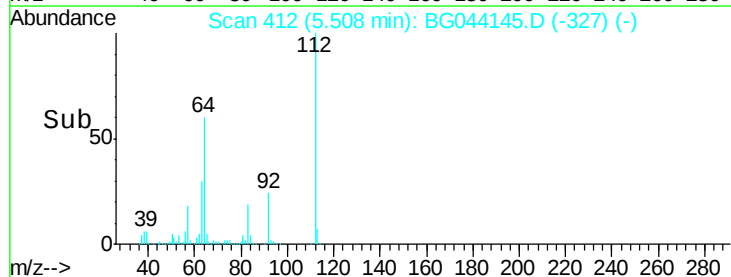
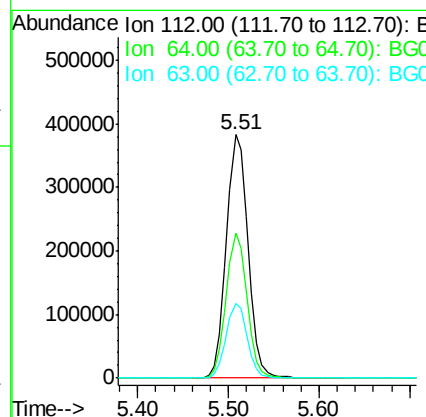
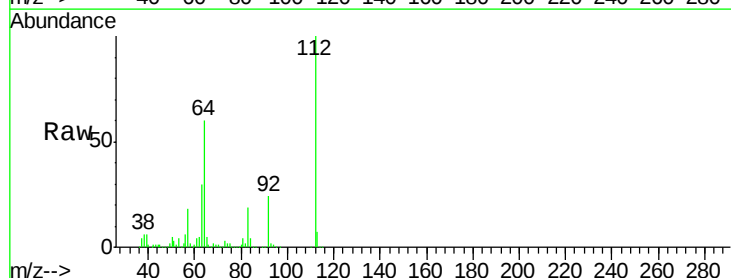
Tot Ion:152 Resp: 81066
Ion Ratio Lower Upper
152 100
150 154.7 127.0 190.4
115 57.1 47.8 71.8

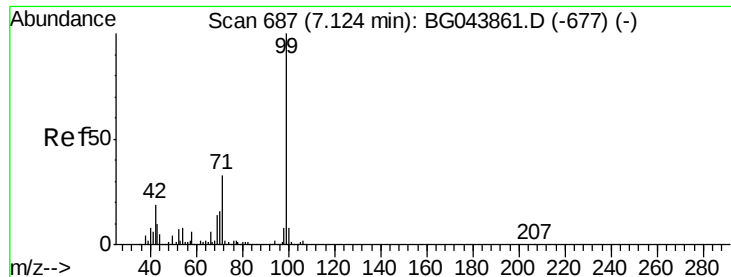


#5

2-Fluorophenol
Concen: 143.718 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044145.D
Acq: 21 Jan 2020 22:34

Tgt Ion:112 Resp: 634524
Ion Ratio Lower Upper
112 100
64 59.6 47.8 71.6
63 30.5 24.3 36.5





#7

Phenol-d6

Concen: 136.230 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044145.D

Acq: 21 Jan 2020 22:34

Instrument :

BNA_G

ClientSampleId :

QVD-WC-S-SB-0203

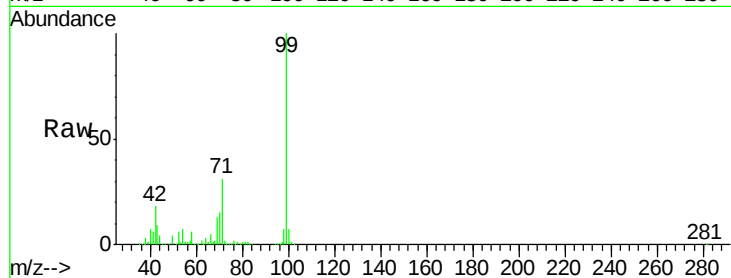
Tot Ion: 99 Resp: 840741

Ion Ratio Lower Upper

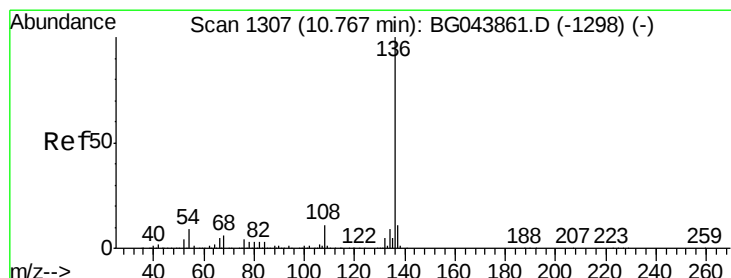
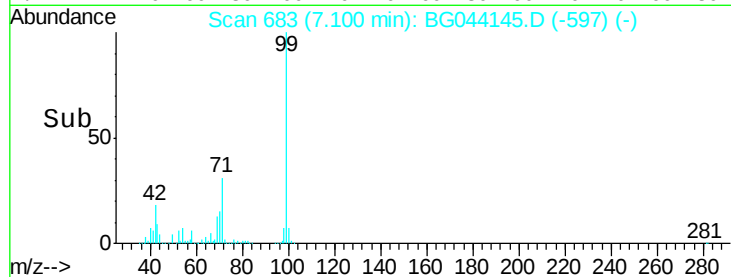
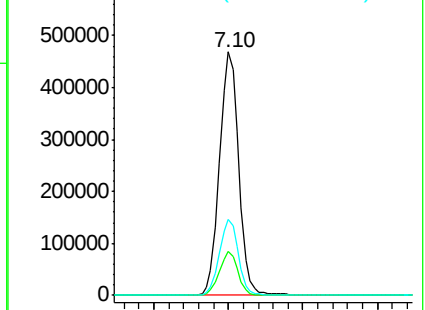
99 100

42 17.8 14.9 22.3

71 31.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.04 min

Lab File: BG044145.D

Acq: 21 Jan 2020 22:34

Tgt Ion: 136 Resp: 343102

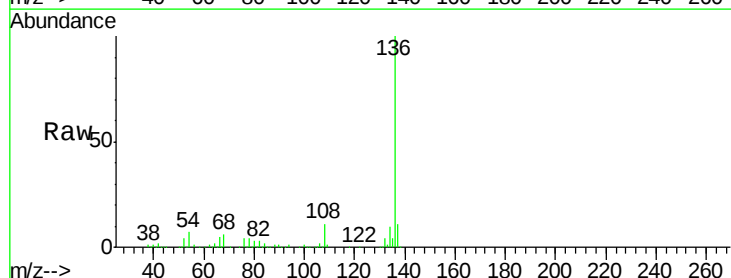
Ion Ratio Lower Upper

136 100

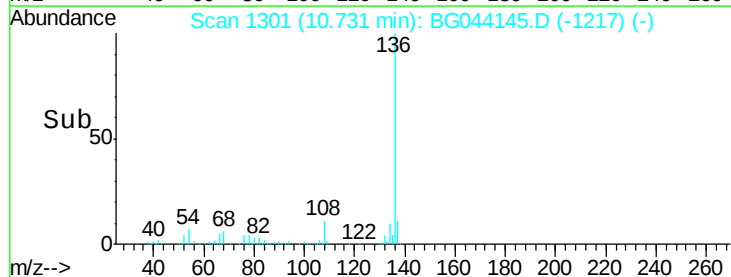
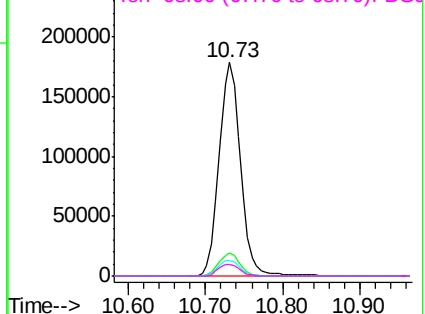
137 11.0 8.8 13.2

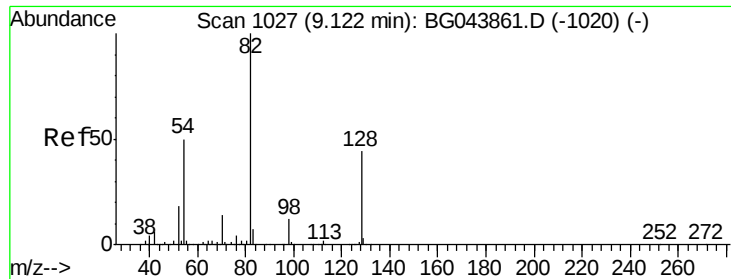
54 7.2 7.0 10.4

68 5.6 4.9 7.3



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

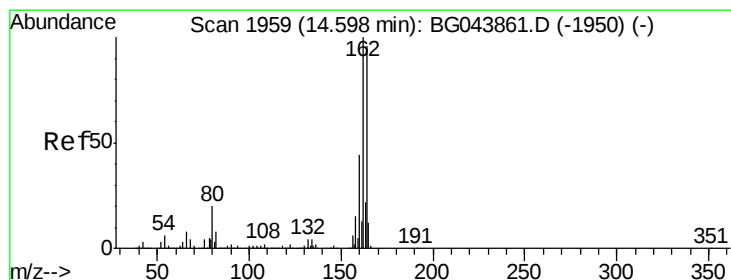
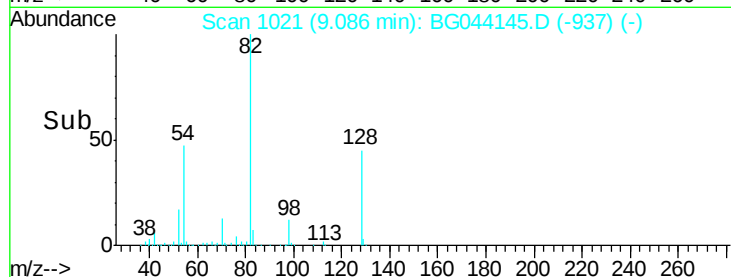
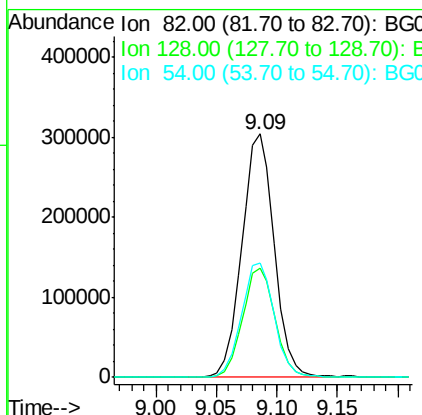
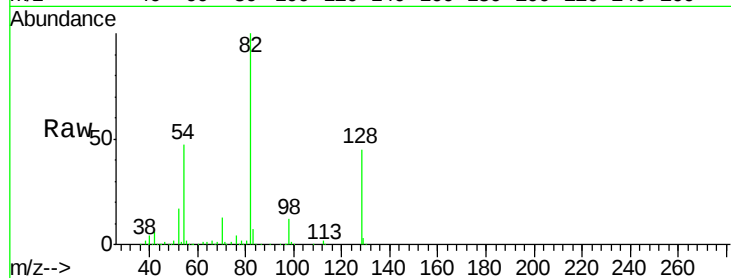




#23
Nitrobenzene-d5
Concen: 88.333 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044145.D
Acq: 21 Jan 2020 22:34

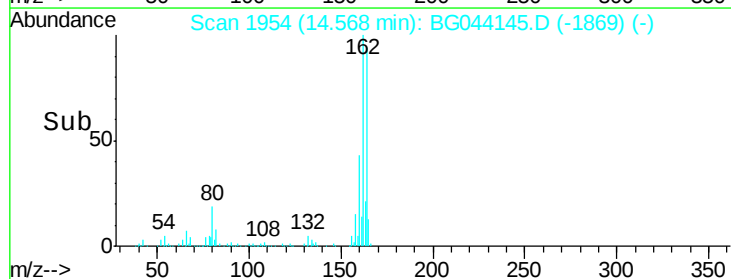
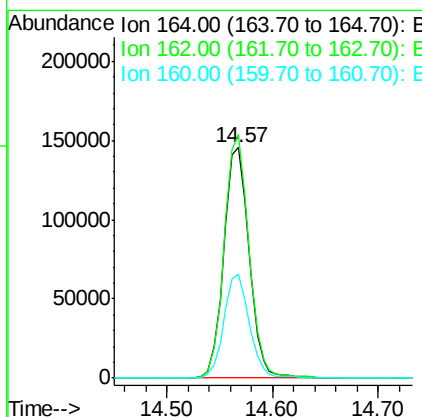
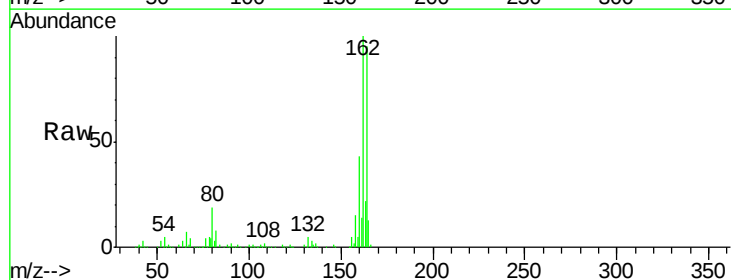
Instrument :
BNA_G
ClientSampleId :
QVD-WC-S-SB-0203

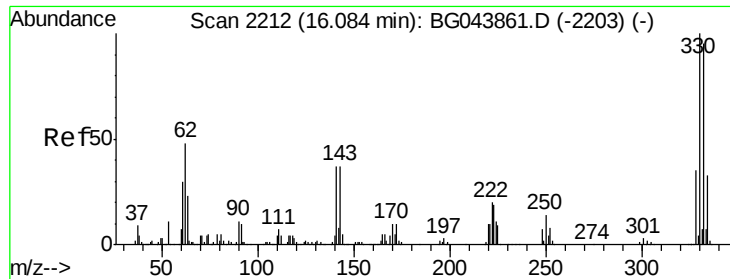
Tot Ion	82	Resp	566535
Ion Ratio	Lower	Upper	
82	100		
128	45.0	35.1	52.7
54	47.0	40.1	60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044145.D
Acq: 21 Jan 2020 22:34

Tgt Ion	164	Resp	242309
Ion Ratio	Lower	Upper	
164	100		
162	105.8	83.0	124.4
160	45.2	36.1	54.1

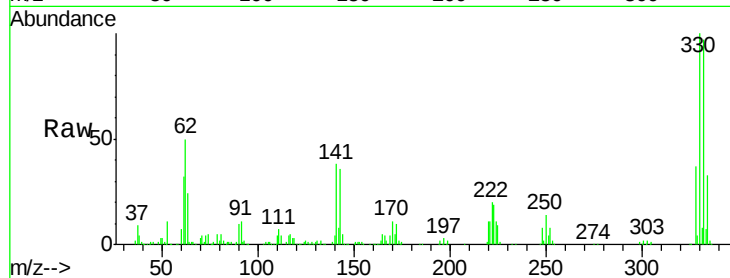




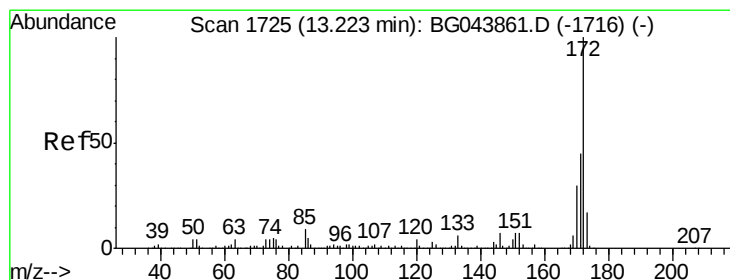
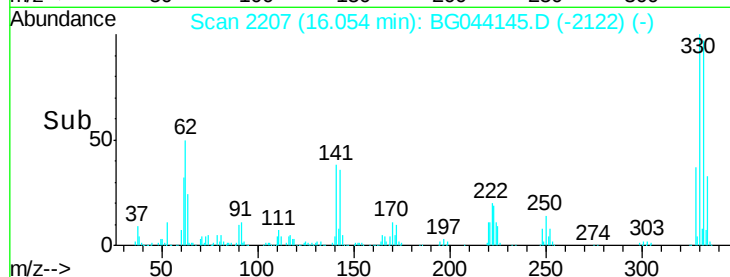
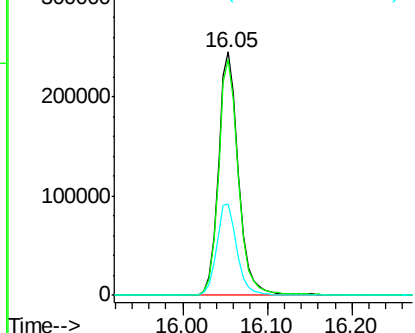
#42
 2,4,6-Tribromophenol
 Concen: 160.814 ng
 RT: 16.05 min Scan# 2207
 Delta R.T. -0.03 min
 Lab File: BG044145.D
 Acq: 21 Jan 2020 22:34

Instrument :
 BNA_G
 ClientSampleId :
 QVD-WC-S-SB-0203

Tot Ion:330 Resp: 407778
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.2 115.8
 141 38.8 33.1 49.7

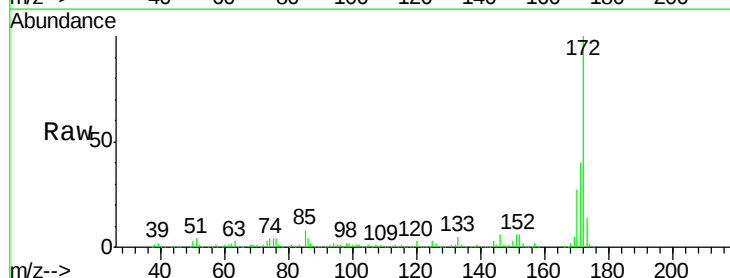


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

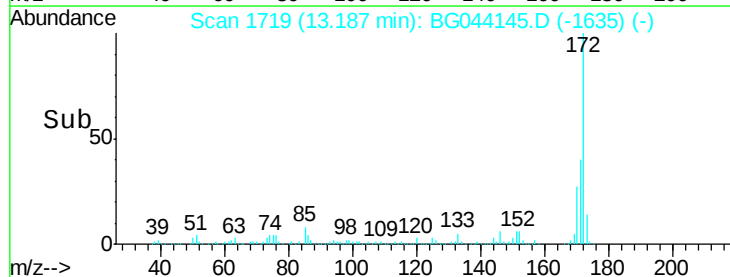
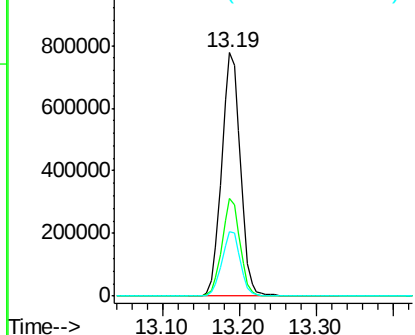


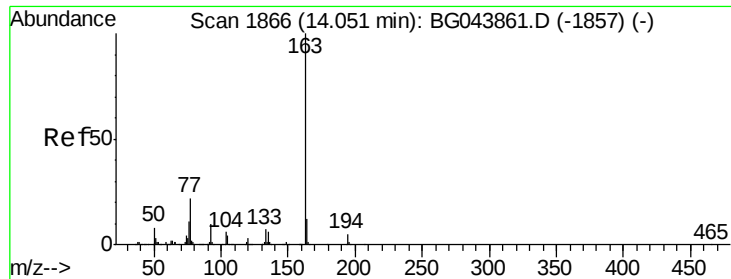
#45
 2-Fluorobiphenyl
 Concen: 98.013 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.04 min
 Lab File: BG044145.D
 Acq: 21 Jan 2020 22:34

Tgt Ion:172 Resp: 1310842
 Ion Ratio Lower Upper
 172 100
 171 40.2 35.8 53.8
 170 26.6 24.2 36.4



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: 3.316 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.03 min

Lab File: BG044145.D

Acq: 21 Jan 2020 22:34

Instrument :

BNA_G

ClientSampleId :

QVD-WC-S-SB-0203

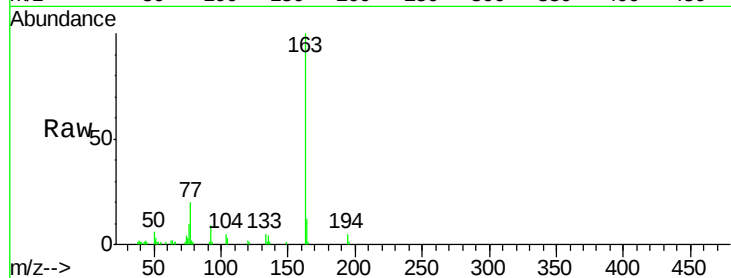
Tot Ion:163 Resp: 57047

Ion Ratio Lower Upper

163 100

194 5.5 3.7 5.5

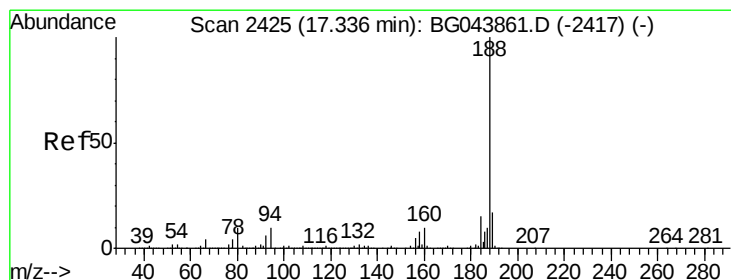
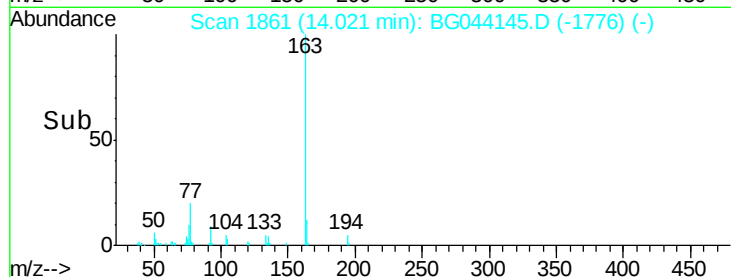
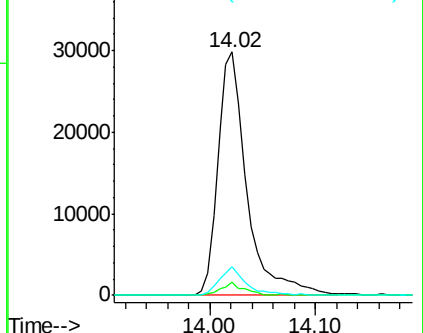
164 11.5 9.3 13.9



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: 17.31 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG044145.D

Acq: 21 Jan 2020 22:34

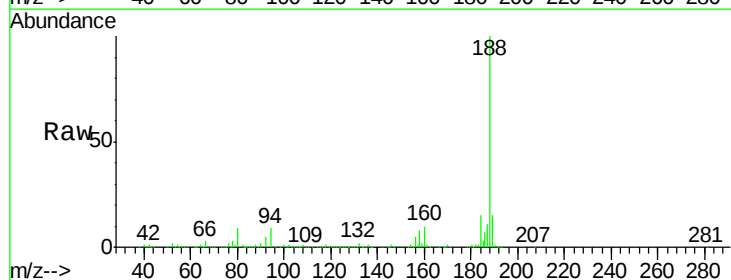
Tgt Ion:188 Resp: 515520

Ion Ratio Lower Upper

188 100

94 8.6 7.9 11.9

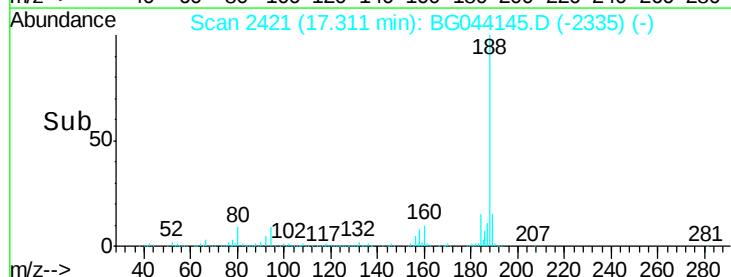
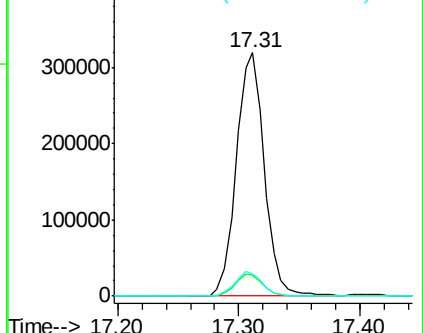
80 9.2 8.2 12.4

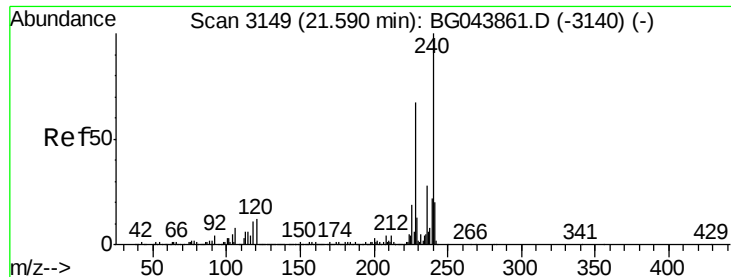


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.55 min Scan# 3143

Delta R.T. -0.04 min

Lab File: BG044145.D

Acq: 21 Jan 2020 22:34

Instrument :

BNA_G

ClientSampleId :

QVD-WC-S-SB-0203

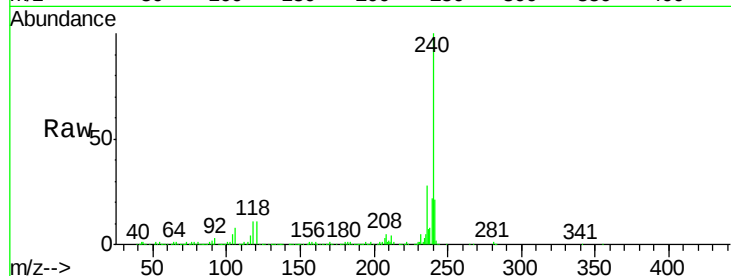
Tot Ion:240 Resp: 444371

Ion Ratio Lower Upper

240 100

120 11.1 9.6 14.4

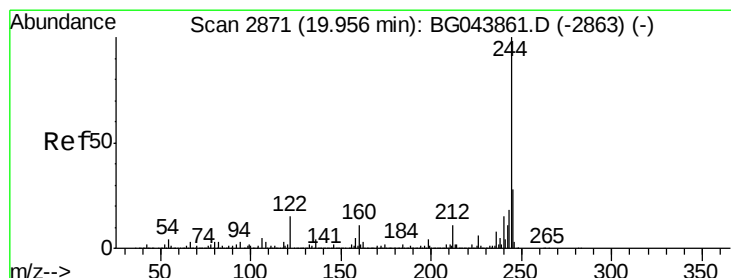
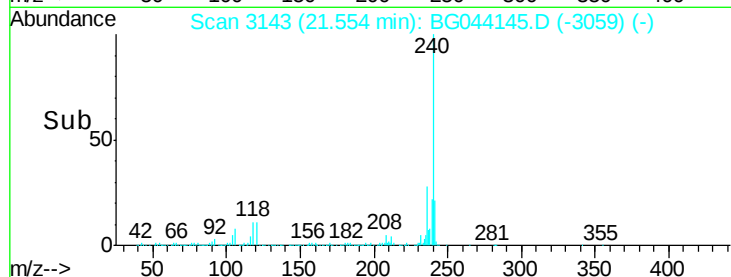
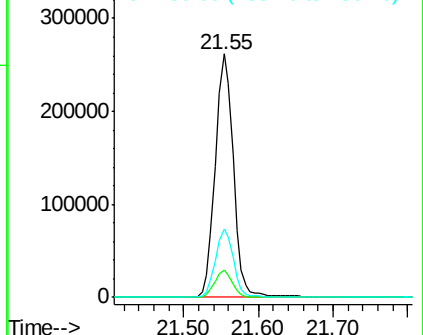
236 27.9 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 121.678 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044145.D

Acq: 21 Jan 2020 22:34

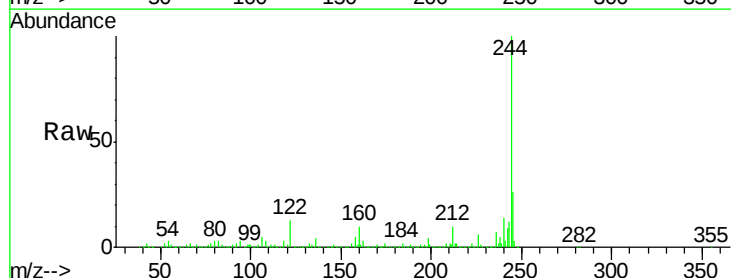
Tgt Ion:244 Resp: 2015625

Ion Ratio Lower Upper

244 100

212 9.8 8.6 13.0

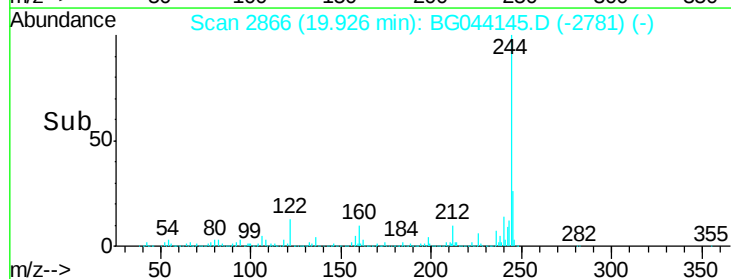
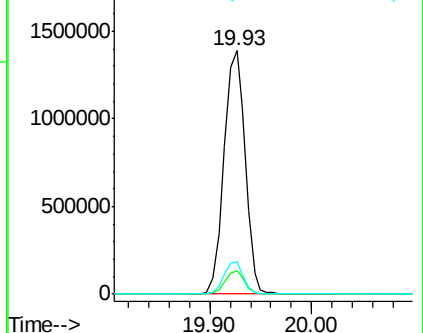
122 13.2 11.9 17.9

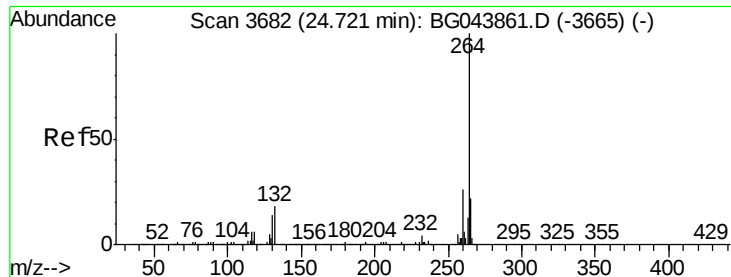


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044145.D
Acq: 21 Jan 2020 22:34

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.4	30.6
265	21.9	17.4	26.2

