

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
 Data File : BG044999.D
 Acq On : 16 Apr 2020 2:15
 Operator : CG/JU
 Sample : L2259-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BUS-WASH

Quant Time: Apr 16 05:37:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

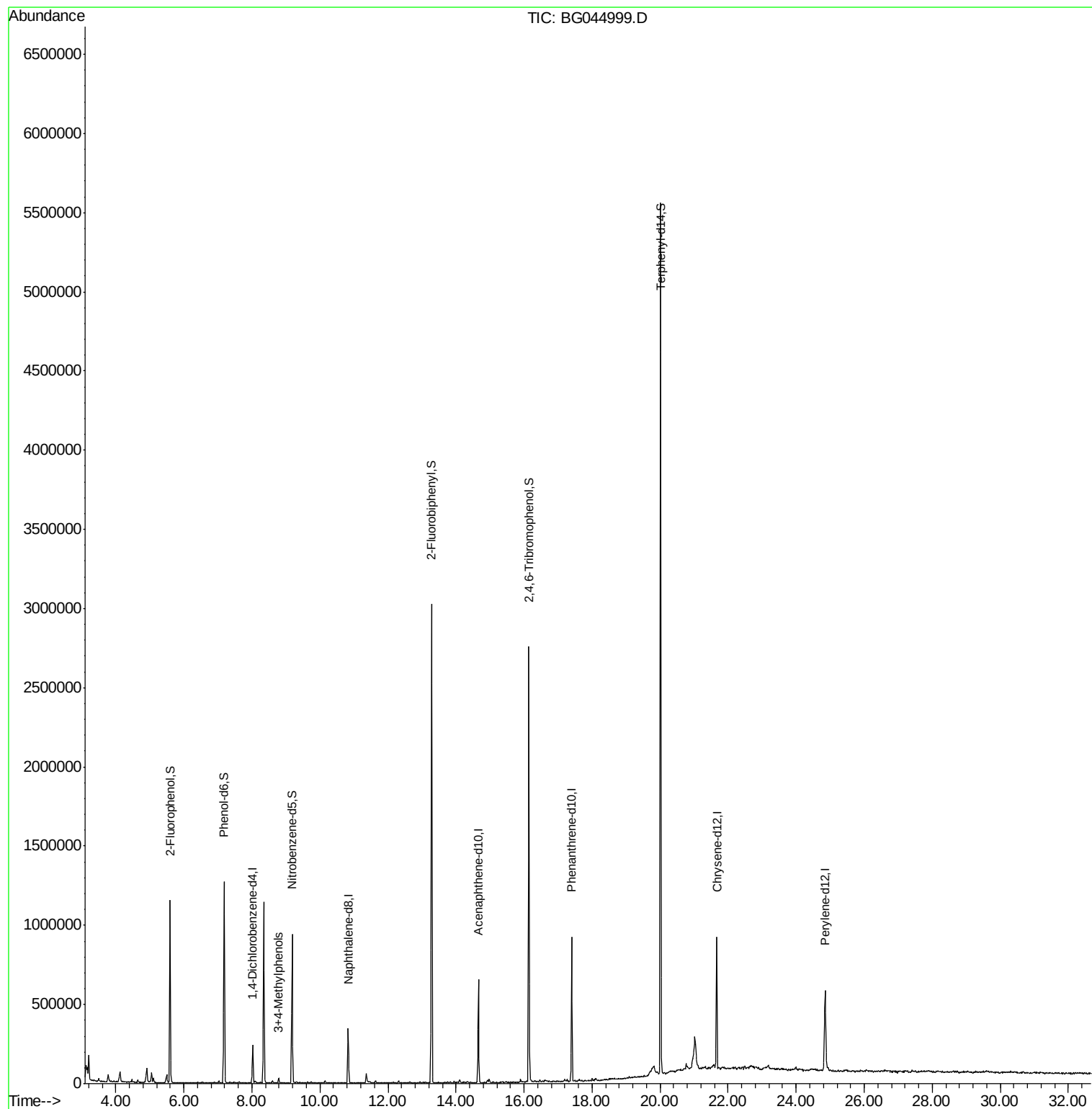
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	72242	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	306729	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	238249	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	574245	20.00	ng	0.00
76) Chrysene-d12	21.66	240	538203	20.00	ng	0.00
87) Perylene-d12	24.85	264	574197	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	550092	125.71	ng	0.00
7) Phenol-d6	7.18	99	821991	126.43	ng	0.00
23) Nitrobenzene-d5	9.18	82	649823	96.67	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	564151	153.28	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1590840	97.91	ng	0.00
79) Terphenyl-d14	20.01	244	2600847	105.33	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	8.79	107	16759	2.385	ng	Qvalue # 85

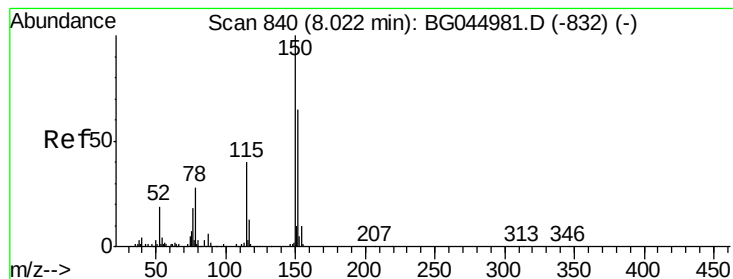
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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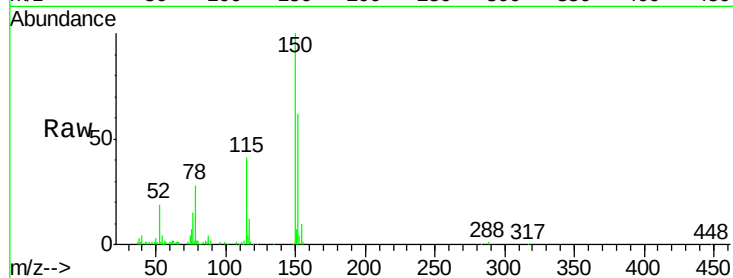


#1

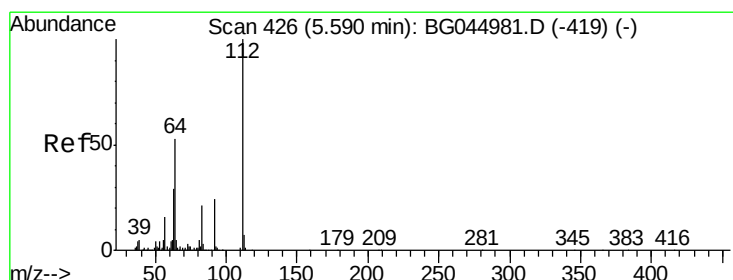
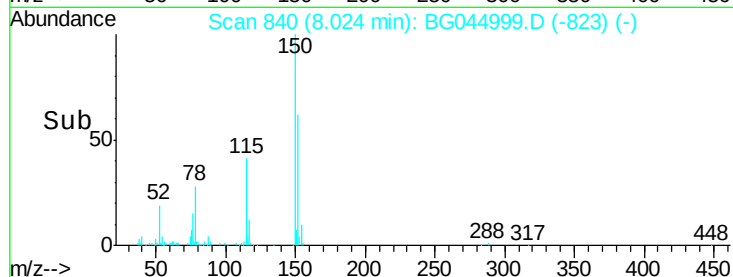
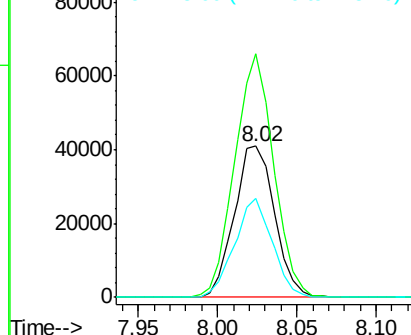
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG044999.D
Acq: 16 Apr 2020 2:15

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Tot Ion:152 Resp: 72242
Ion Ratio Lower Upper
152 100
150 160.8 123.6 185.4
115 65.7 49.1 73.7



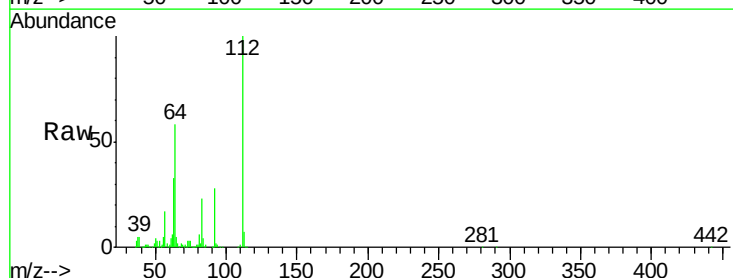
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



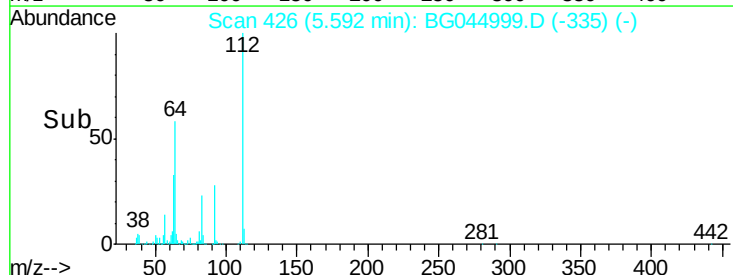
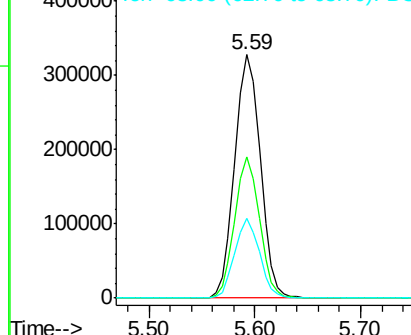
#5

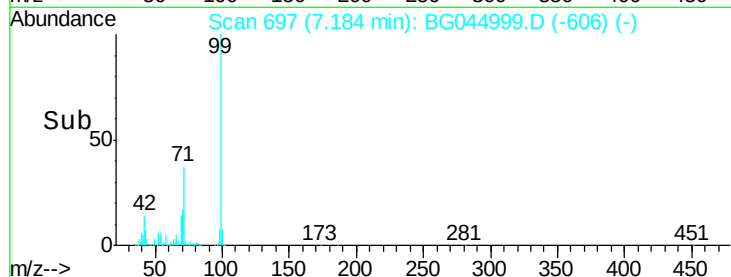
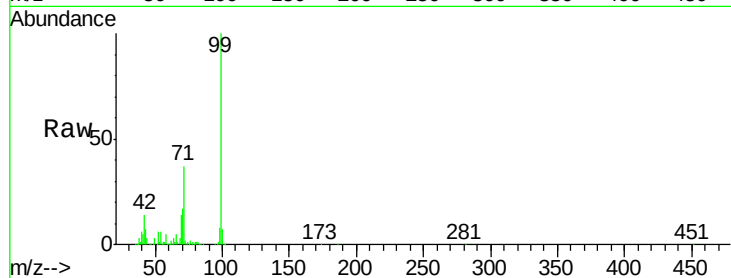
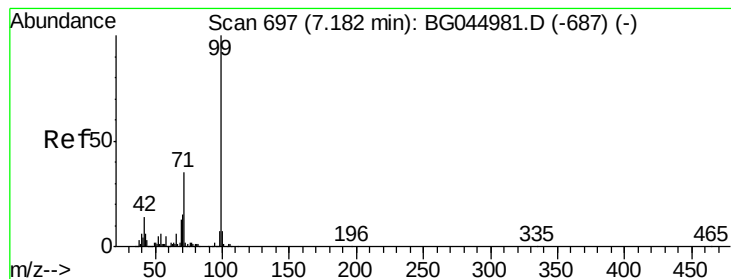
2-Fluorophenol
Concen: 125.712 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG044999.D
Acq: 16 Apr 2020 2:15

Tgt Ion:112 Resp: 550092
Ion Ratio Lower Upper
112 100
64 58.1 42.4 63.6
63 32.6 23.1 34.7



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





#7

Phenol-d6

Concen: 126.434 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG044999.D

Acq: 16 Apr 2020 2:15

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

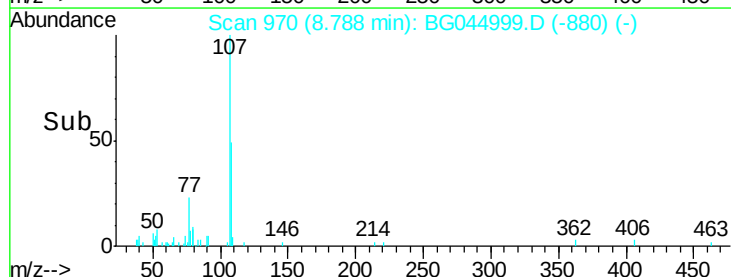
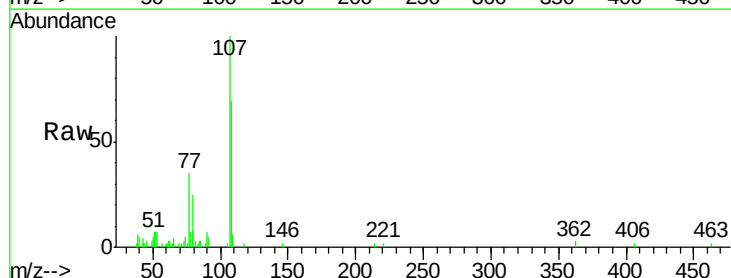
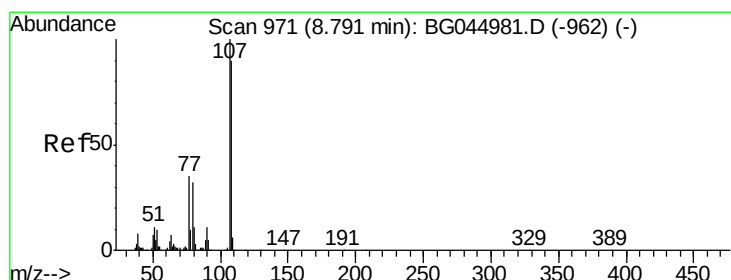
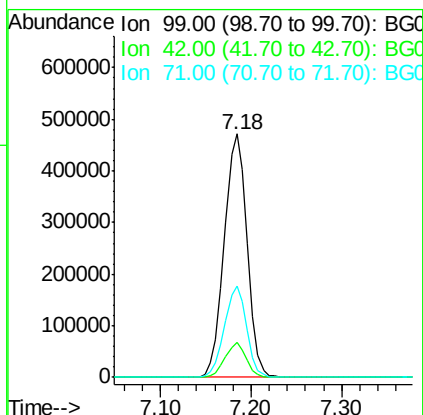
Tot Ion: 99 Resp: 821991

Ion Ratio Lower Upper

99 100

42 14.3 11.3 16.9

71 37.4 28.3 42.5



#20

3+4-Methylphenols

Concen: 2.385 ng

RT: 8.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BG044999.D

Acq: 16 Apr 2020 2:15

Tgt Ion:107 Resp: 16759

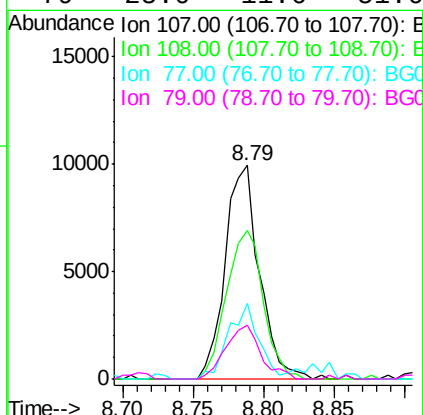
Ion Ratio Lower Upper

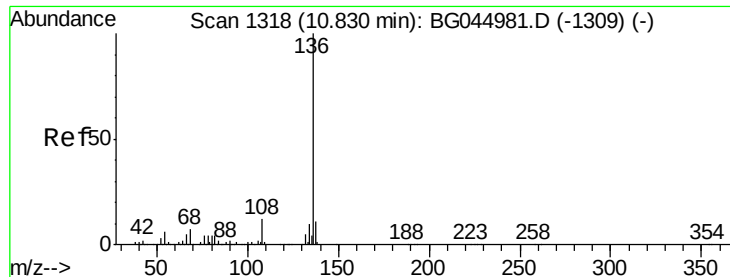
107 100

108 69.5 69.9 109.9#

77 35.2 15.2 55.2

79 25.0 11.6 51.6

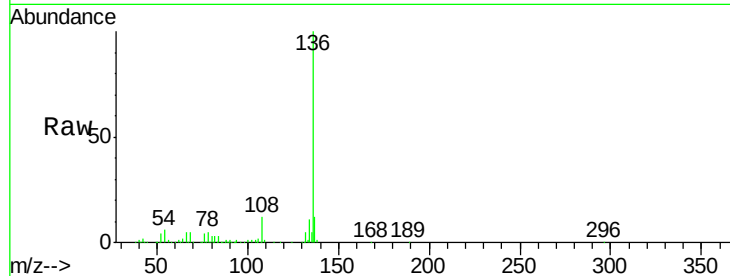




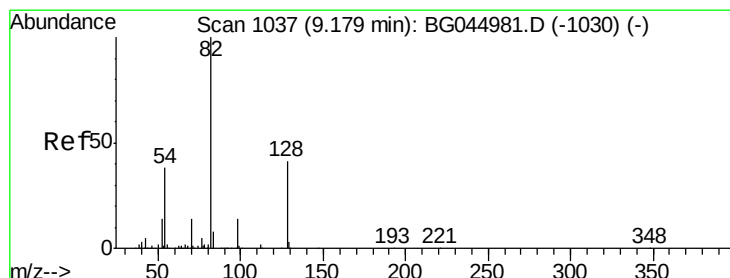
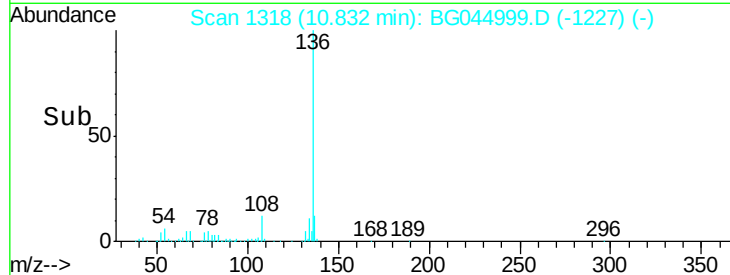
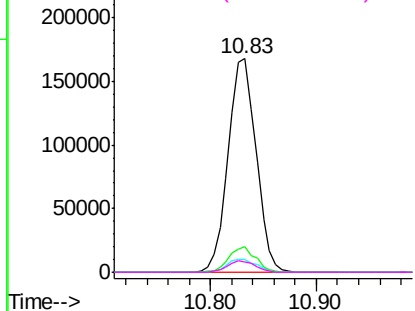
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG044999.D
Acq: 16 Apr 2020 2:15

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Tot Ion:136	Resp:	306729
Ion Ratio	Lower	Upper
136	100	
137	11.8	8.6 13.0
54	6.3	4.8 7.2
68	4.6	5.2 7.8

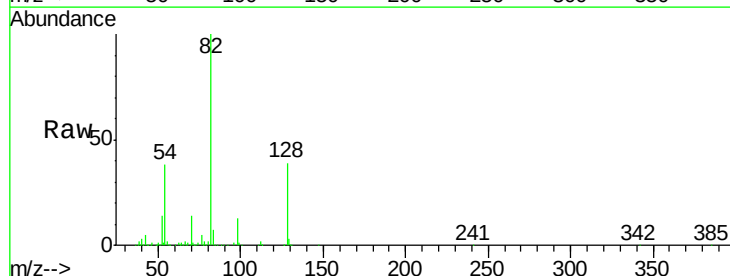


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

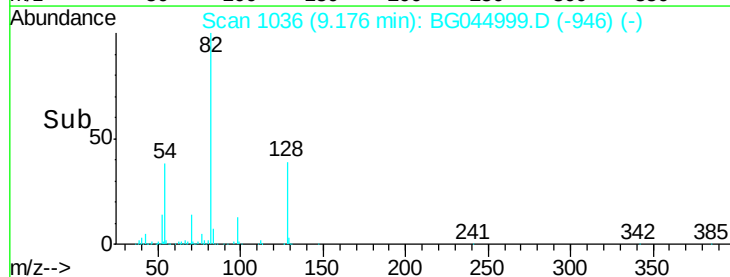
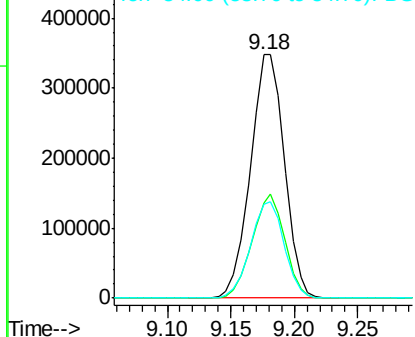


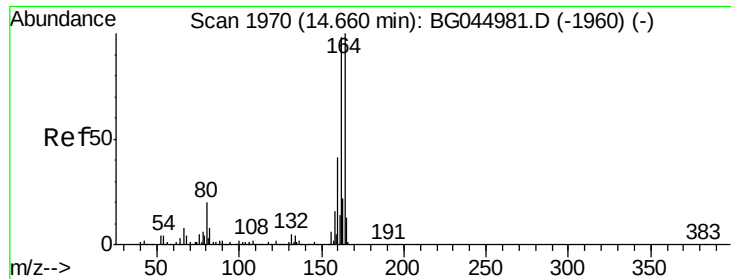
#23
Nitrobenzene-d5
Concen: 96.667 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG044999.D
Acq: 16 Apr 2020 2:15

Tgt Ion: 82	Resp:	649823
Ion Ratio	Lower	Upper
82	100	
128	39.3	33.0 49.4
54	38.5	30.4 45.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG044999.D

Acq: 16 Apr 2020 2:15

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

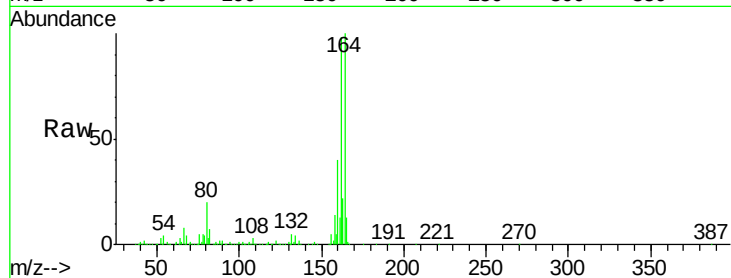
Tot Ion:164 Resp: 238249

Ion Ratio Lower Upper

164 100

162 97.6 78.7 118.1

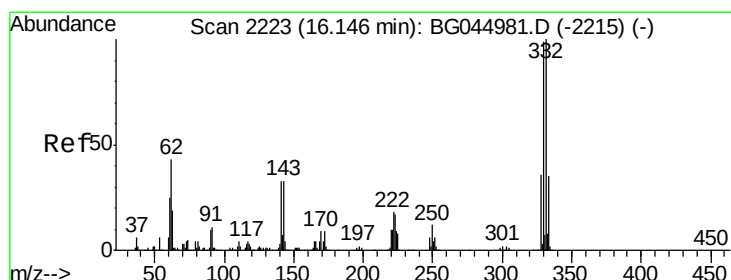
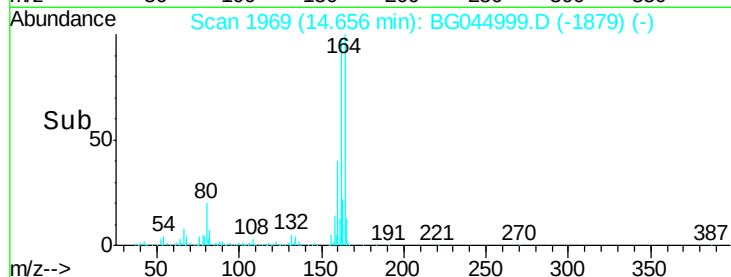
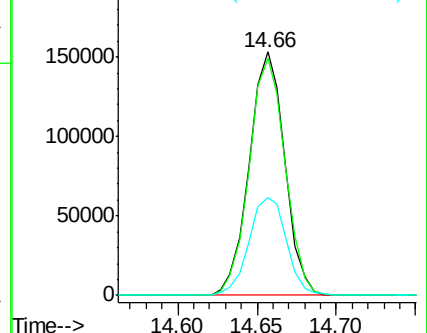
160 39.9 32.8 49.2



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: 153.275 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG044999.D

Acq: 16 Apr 2020 2:15

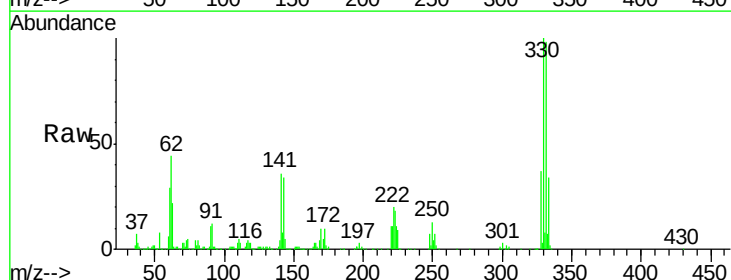
Tgt Ion:330 Resp: 564151

Ion Ratio Lower Upper

330 100

332 97.5 79.1 118.7

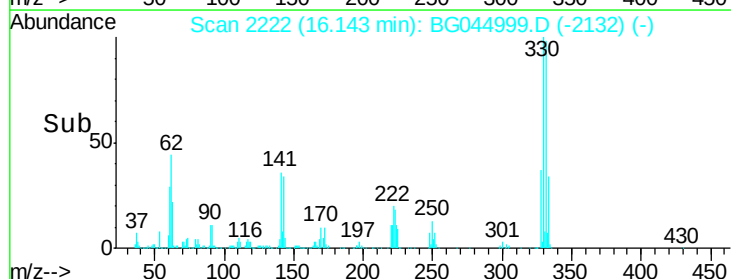
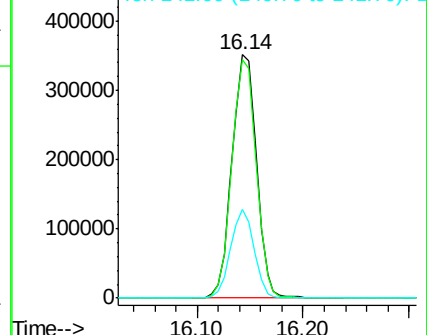
141 34.8 27.1 40.7

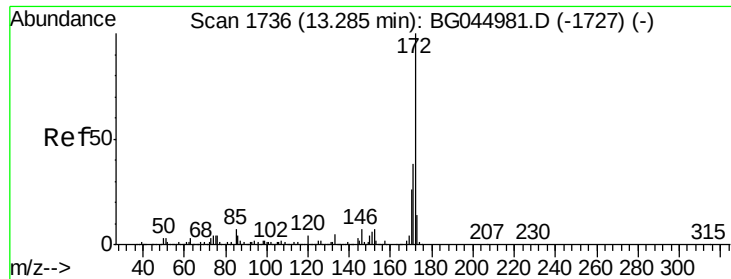


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

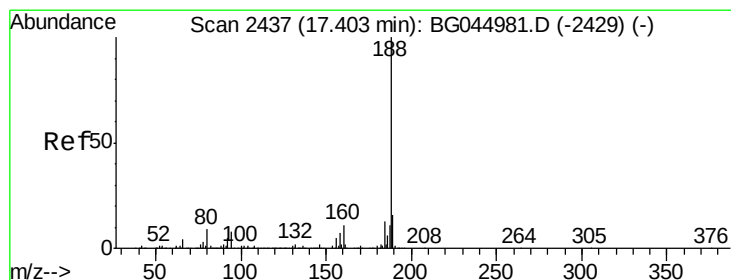
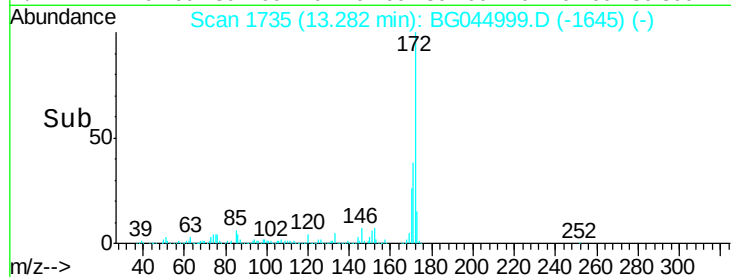
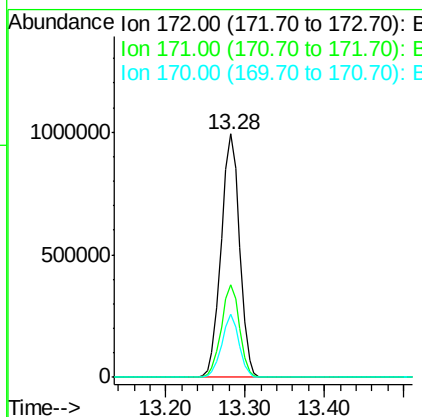
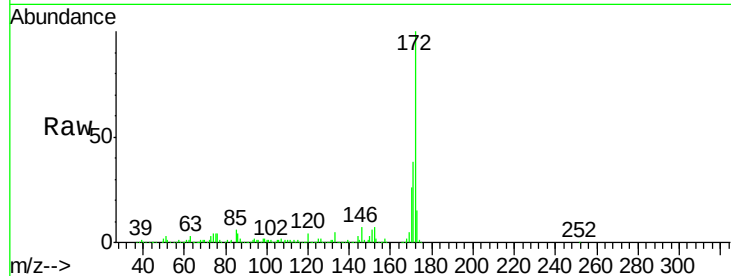




#45
2-Fluorobiphenyl
Concen: 97.909 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG044999.D
Acq: 16 Apr 2020 2:15

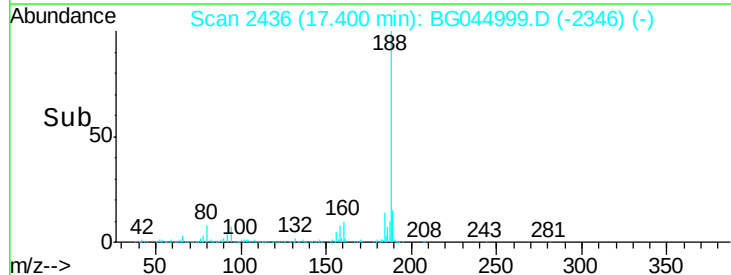
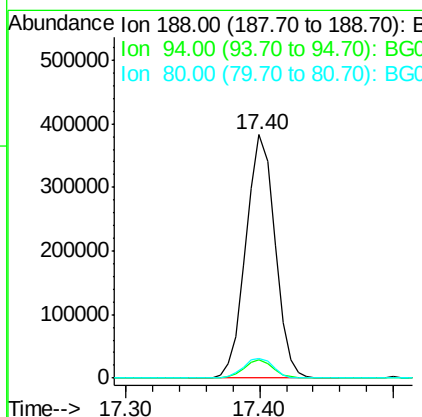
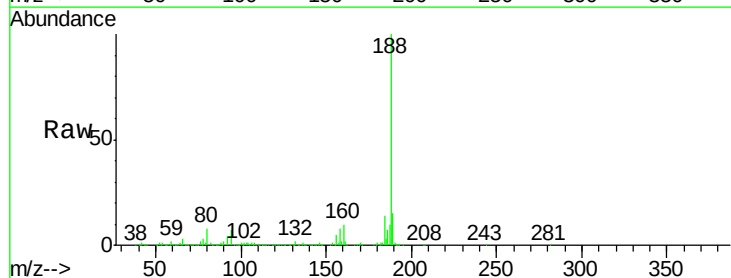
Instrument :
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BUS-WASH

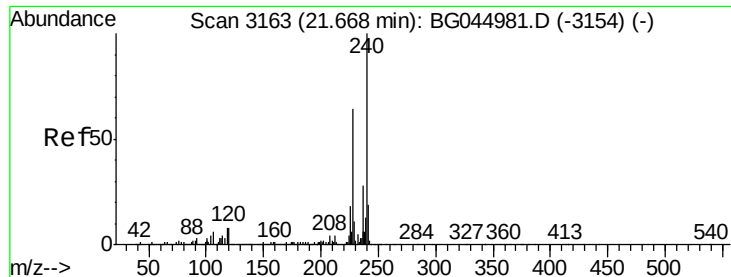
Tot Ion:172 Resp: 1590840
Ion Ratio Lower Upper
172 100
171 38.0 30.6 46.0
170 25.7 20.5 30.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG044999.D
Acq: 16 Apr 2020 2:15

Tgt Ion:188 Resp: 574245
Ion Ratio Lower Upper
188 100
94 7.3 6.2 9.4
80 8.2 7.0 10.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG044999.D

Acq: 16 Apr 2020 2:15

Instrument :

BNA_G

ClientSampleId :

BUS-WASH

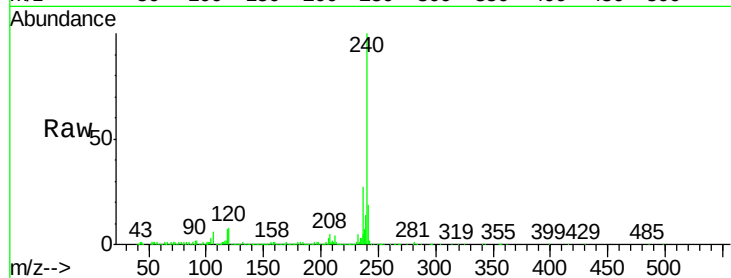
Tot Ion:240 Resp: 538203

Ion Ratio Lower Upper

240 100

120 8.0 6.6 10.0

236 27.4 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

21.66

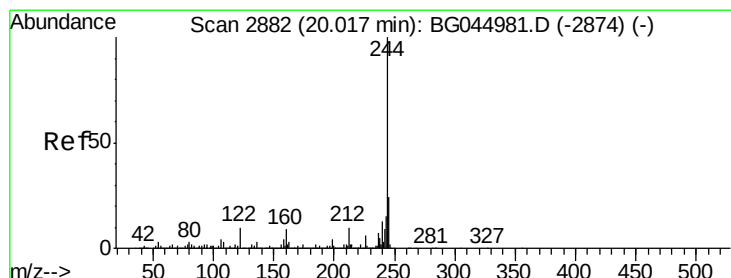
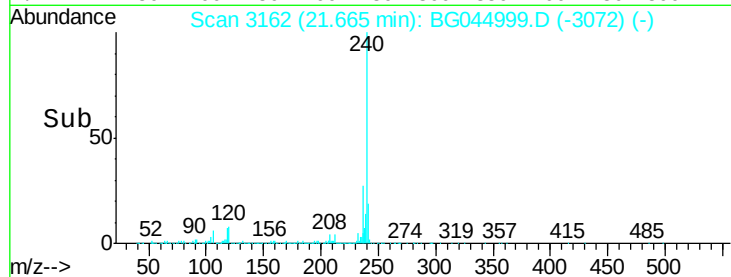
300000

200000

100000

0

Time-->



#79

Terphenyl-d14

Concen: 105.327 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG044999.D

Acq: 16 Apr 2020 2:15

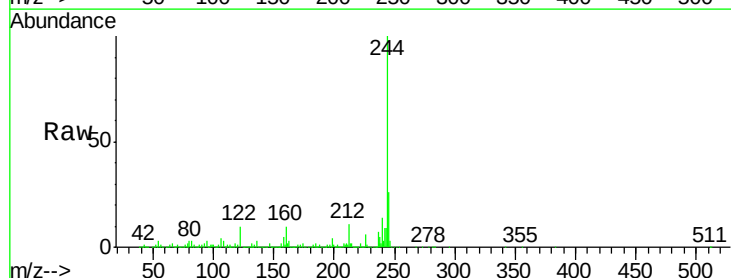
Tgt Ion:244 Resp: 2600847

Ion Ratio Lower Upper

244 100

212 11.1 7.9 11.9

122 10.2 7.7 11.5



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

20.01

2000000

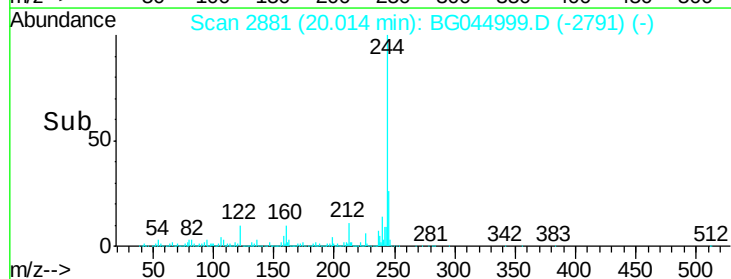
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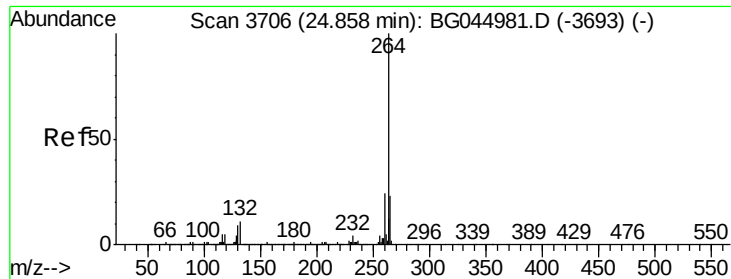
1000000

500000

0

Time-->





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG044999.D
Acq: 16 Apr 2020 2:15

Instrument :
BNA_G
ClientSampleId :
BUS-WASH

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	22.1	19.0	28.4

