

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
 Data File : BG045000.D
 Acq On : 16 Apr 2020 2:55
 Operator : CG/JU
 Sample : L2277-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-2

Quant Time: Apr 16 05:39:39 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	65081	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	265781	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	212292	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	561992	20.00	ng	0.00
76) Chrysene-d12	21.67	240	543946	20.00	ng	0.00
87) Perylene-d12	24.85	264	581843	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	541598	137.39	ng	0.00
7) Phenol-d6	7.18	99	696059	118.84	ng	0.00
23) Nitrobenzene-d5	9.18	82	588706	101.07	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	557552	170.00	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1434821	99.10	ng	0.00
79) Terphenyl-d14	20.01	244	2617547	104.88	ng	0.00

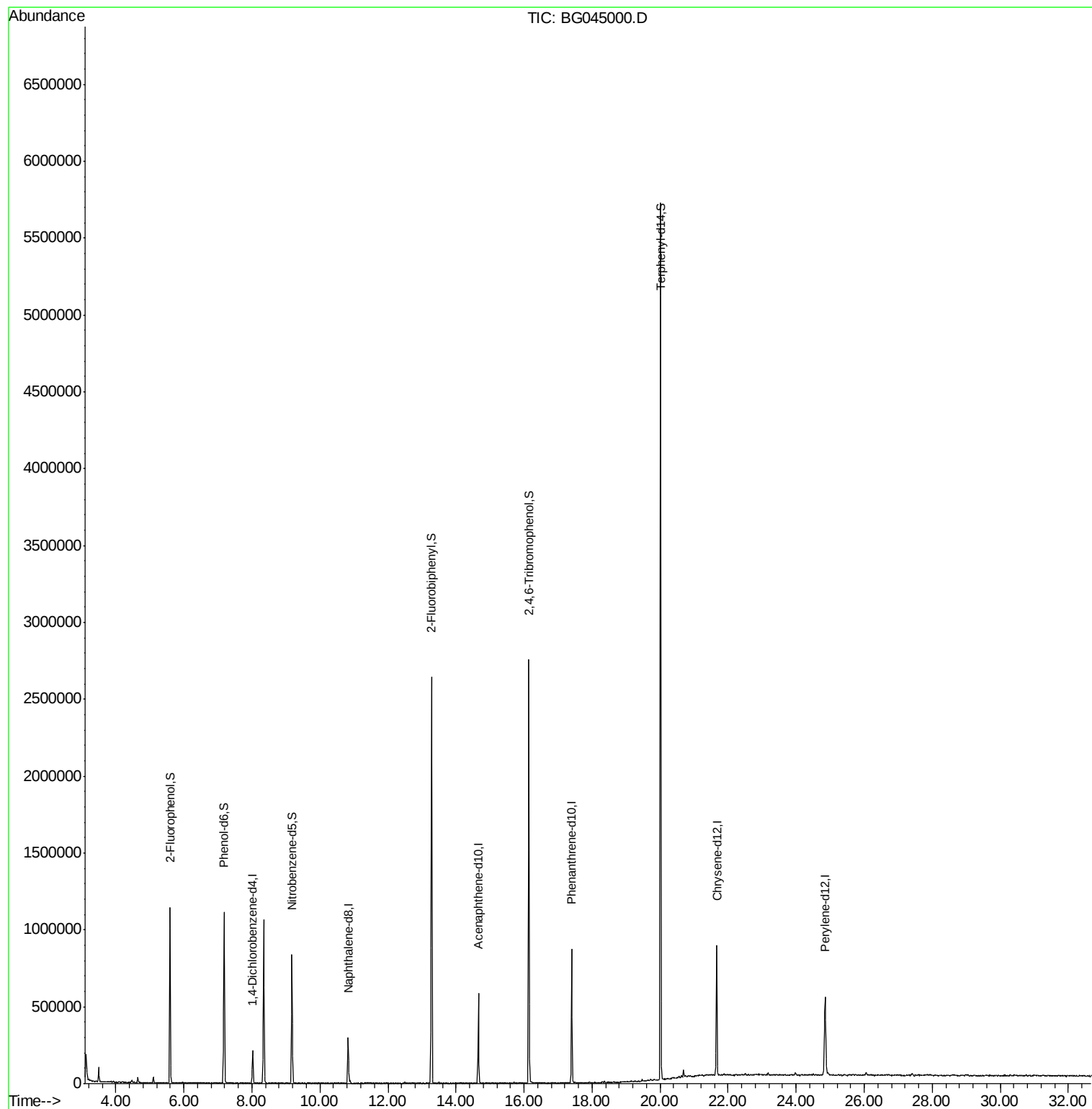
Target Compounds Qvalue

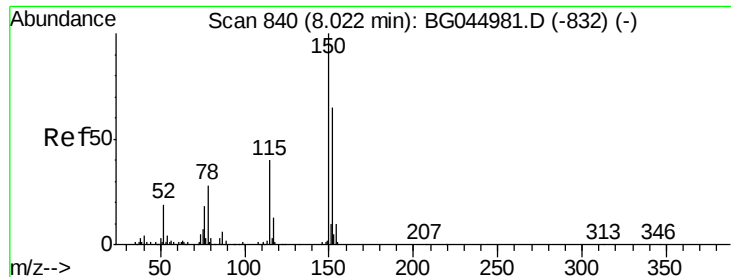
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG045000.D

Acq: 16 Apr 2020 2:55

Instrument :

BNA_G

ClientSampleId :

B-2

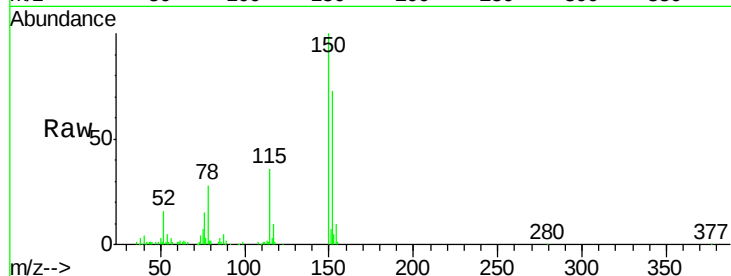
Tot Ion:152 Resp: 65081

Ion Ratio Lower Upper

152 100

150 136.3 123.6 185.4

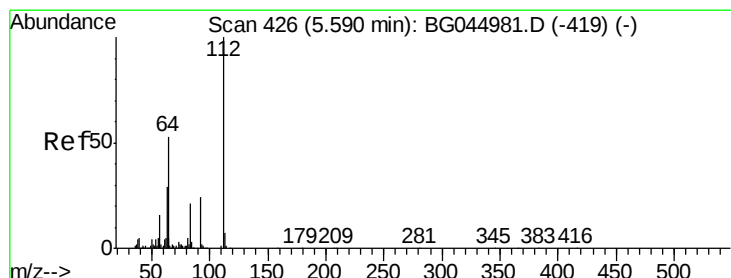
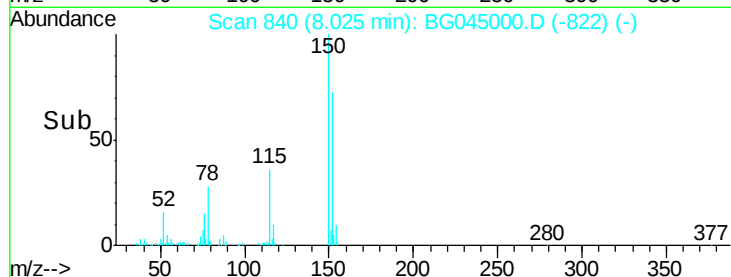
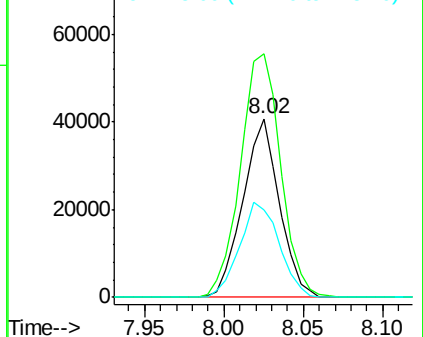
115 48.7 49.1 73.7#



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: 137.390 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG045000.D

Acq: 16 Apr 2020 2:55

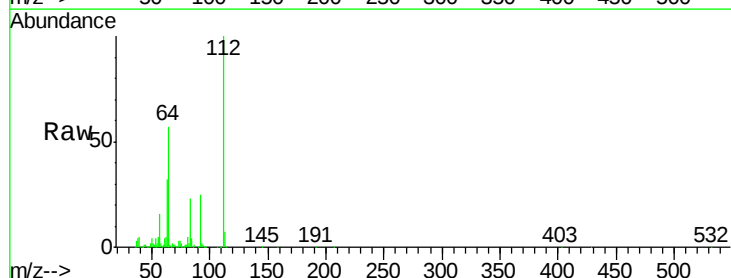
Tgt Ion:112 Resp: 541598

Ion Ratio Lower Upper

112 100

64 57.0 42.4 63.6

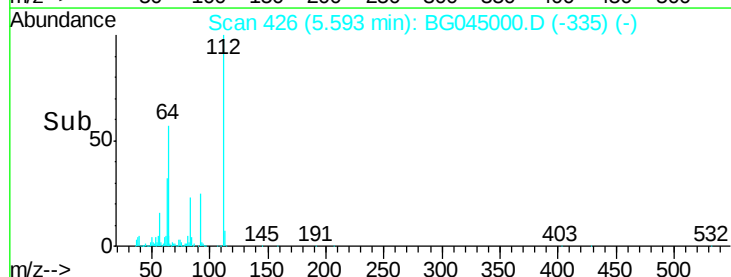
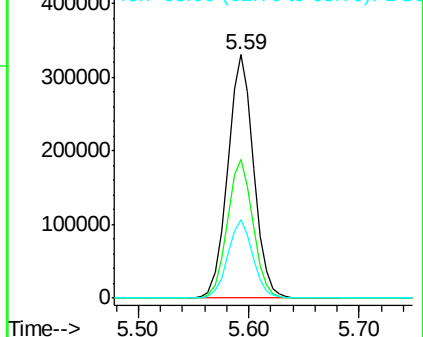
63 32.0 23.1 34.7

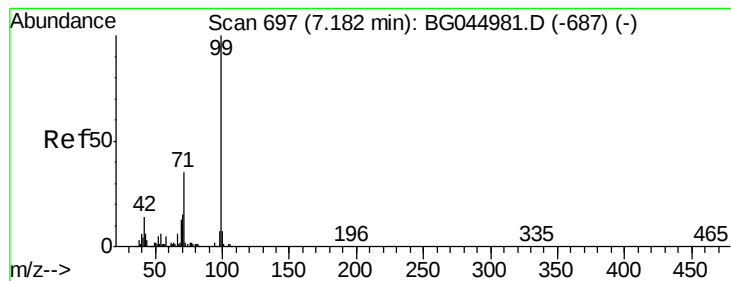


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 118.844 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045000.D

Acq: 16 Apr 2020 2:55

Instrument :

BNA_G

ClientSampled :

B-2

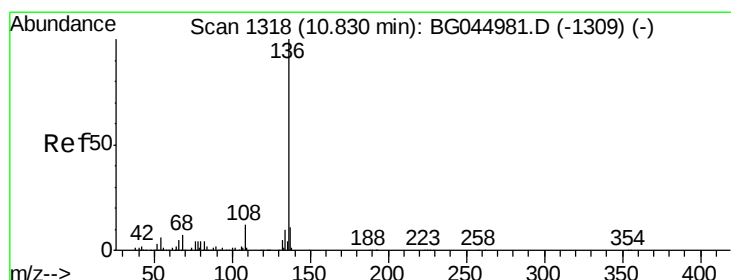
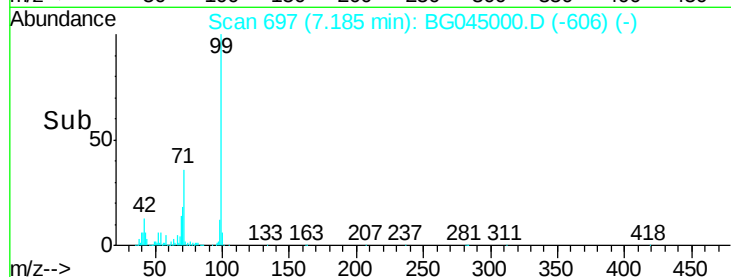
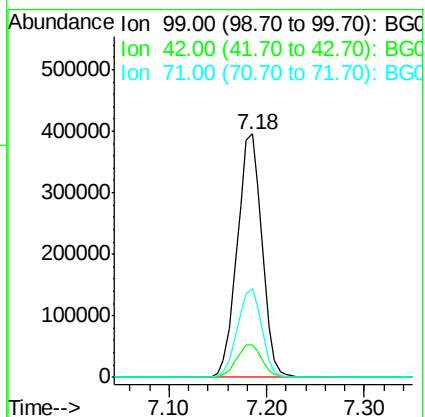
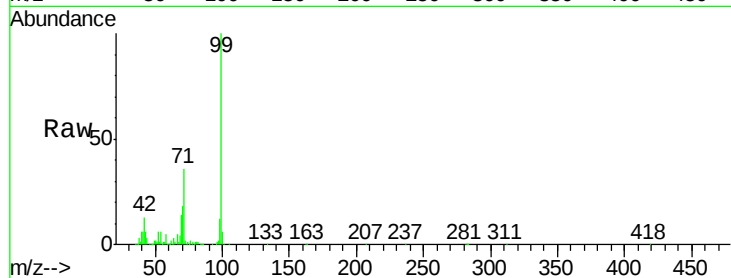
Tot Ion: 99 Resp: 696059

Ion Ratio Lower Upper

99 100

42 13.4 11.3 16.9

71 36.3 28.3 42.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG045000.D

Acq: 16 Apr 2020 2:55

Tgt Ion: 136 Resp: 265781

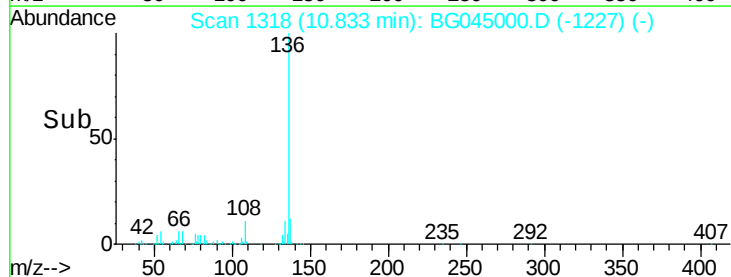
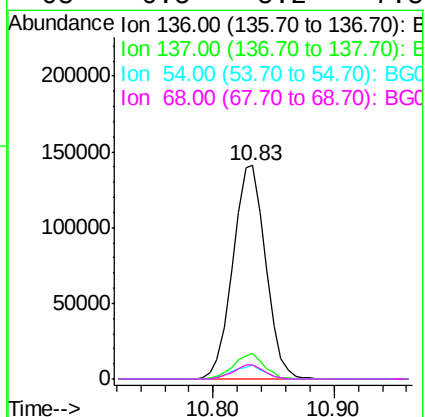
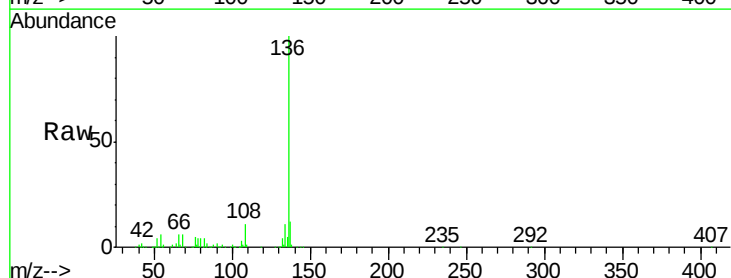
Ion Ratio Lower Upper

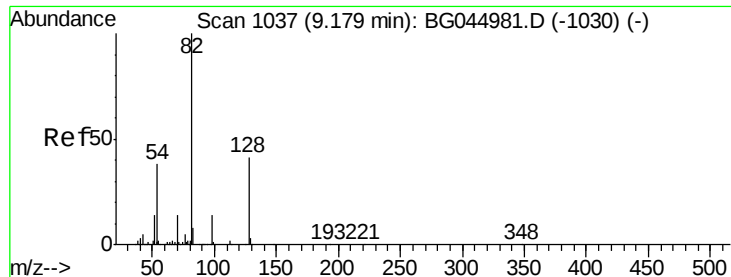
136 100

137 12.2 8.6 13.0

54 6.3 4.8 7.2

68 6.5 5.2 7.8

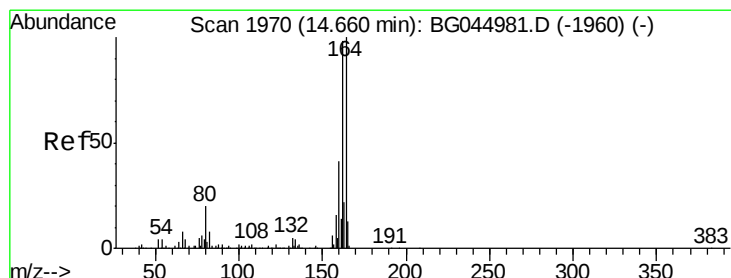
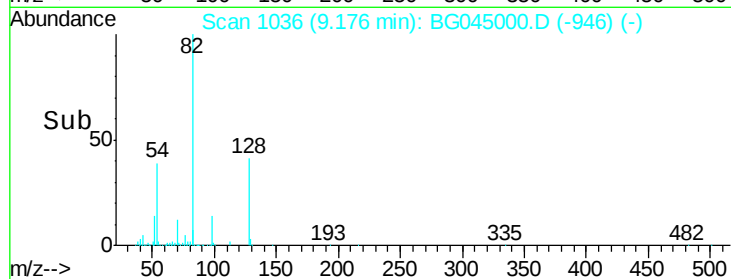
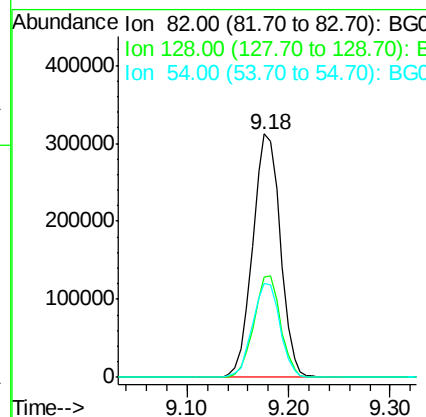
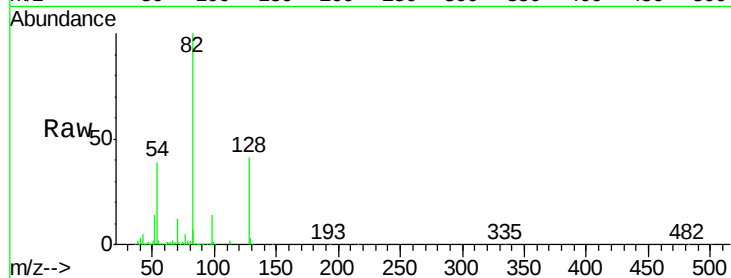




#23
Nitrobenzene-d5
Concen: 101.068 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG045000.D
Acq: 16 Apr 2020 2:55

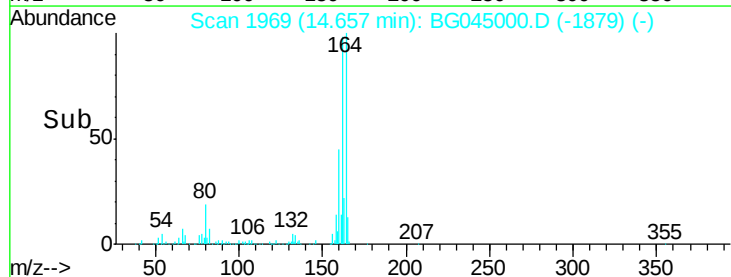
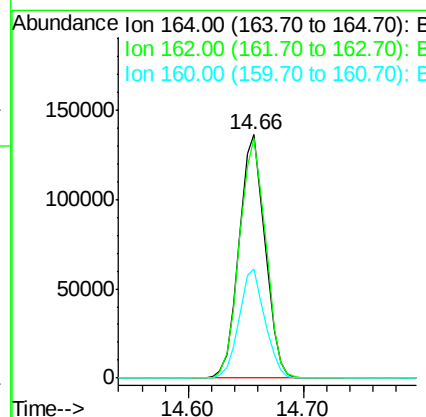
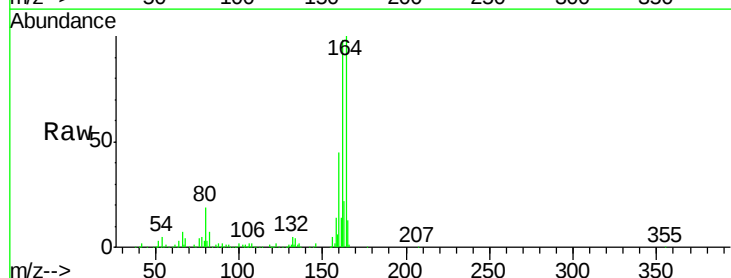
Instrument :
BNA_G
ClientSampleId :
B-2

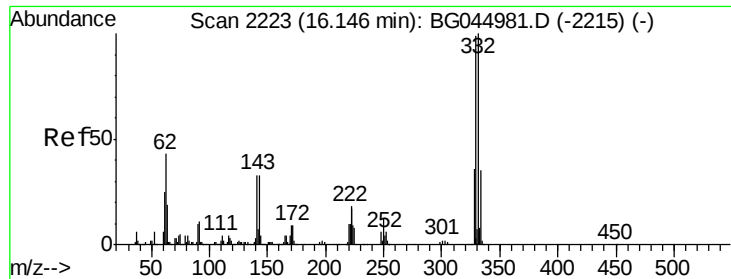
Tot Ion	82	Resp	588706
Ion Ratio	Lower	Upper	
82	100		
128	40.9	33.0	49.4
54	38.7	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045000.D
Acq: 16 Apr 2020 2:55

Tgt Ion	164	Resp	212292
Ion Ratio	Lower	Upper	
164	100		
162	98.5	78.7	118.1
160	44.9	32.8	49.2

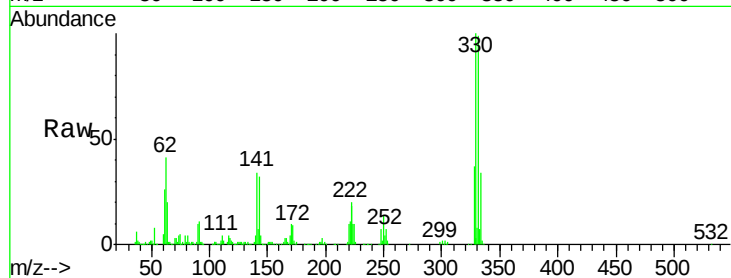




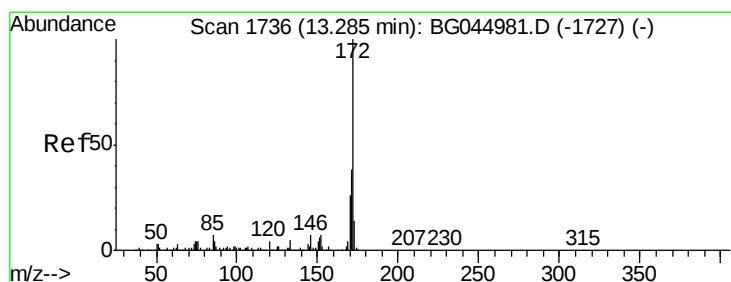
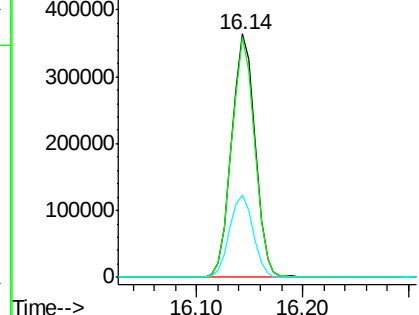
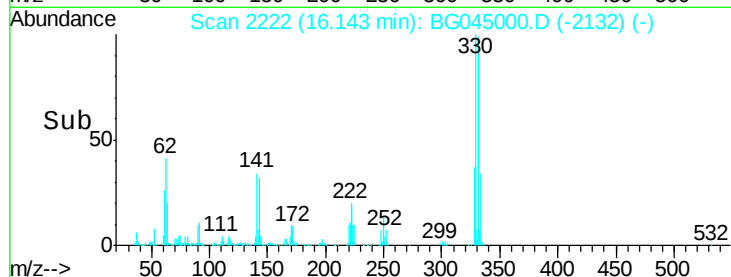
#42
 2,4,6-Tribromophenol
 Concen: 170.004 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG045000.D
 Acq: 16 Apr 2020 2:55

Instrument :
 BNA_G
 ClientSampleId :
 B-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.1	118.7
141	34.3	27.1	40.7

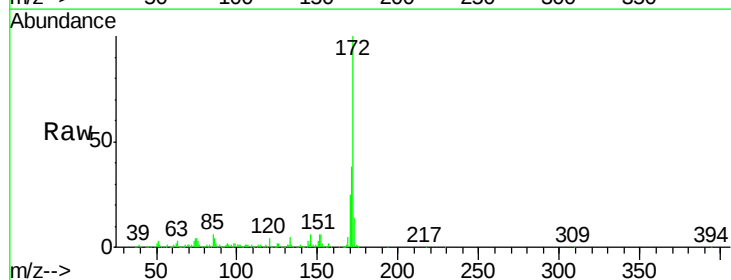


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

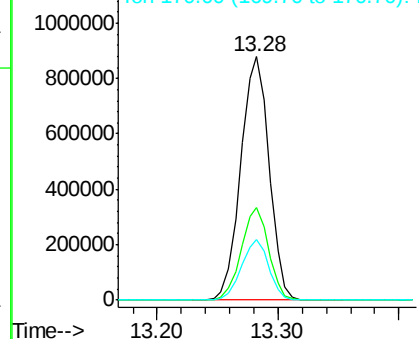
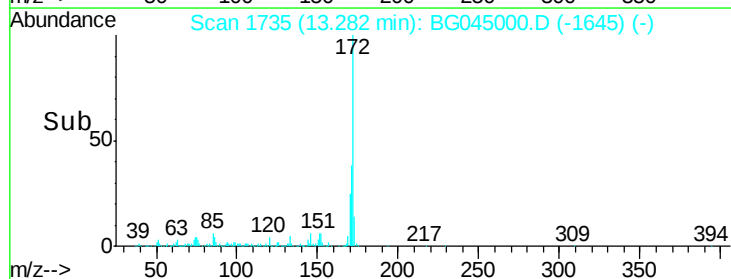


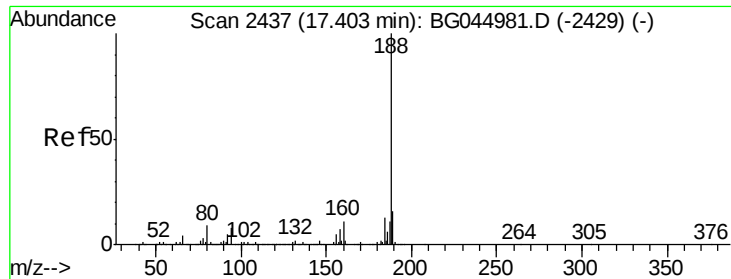
#45
 2-Fluorobiphenyl
 Concen: 99.104 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045000.D
 Acq: 16 Apr 2020 2:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.6	46.0
170	24.9	20.5	30.7



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG045000.D

Acq: 16 Apr 2020 2:55

Instrument :

BNA_G

ClientSampleId :

B-2

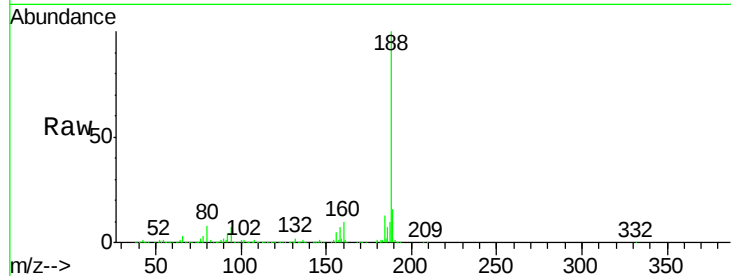
Tot Ion:188 Resp: 561992

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.4

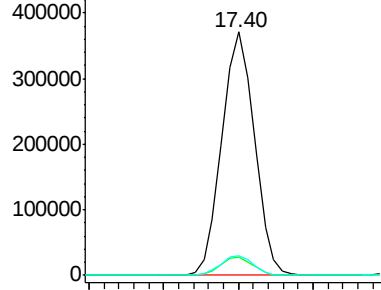
80 8.3 7.0 10.6



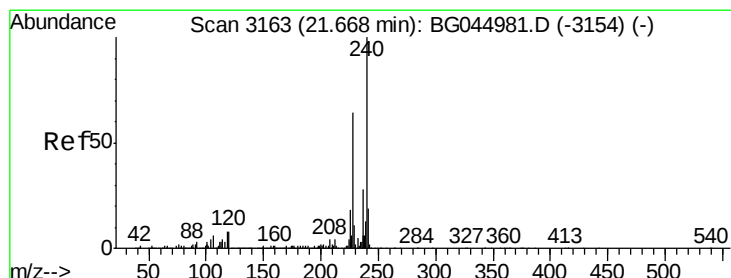
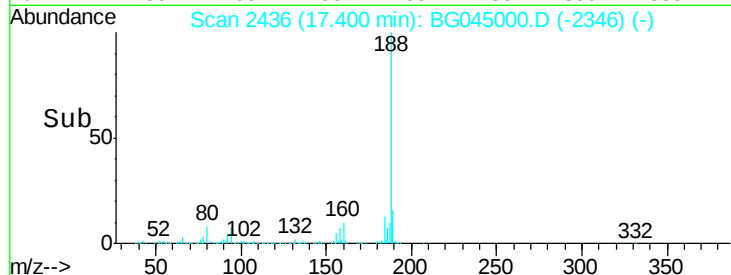
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.30 17.35 17.40 17.45



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG045000.D

Acq: 16 Apr 2020 2:55

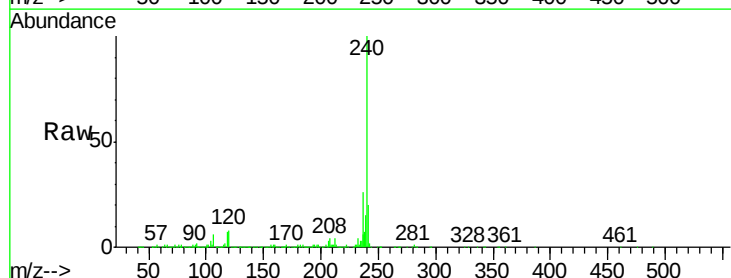
Tgt Ion:240 Resp: 543946

Ion Ratio Lower Upper

240 100

120 7.5 6.6 10.0

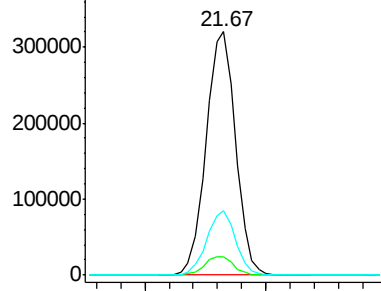
236 26.4 22.2 33.2



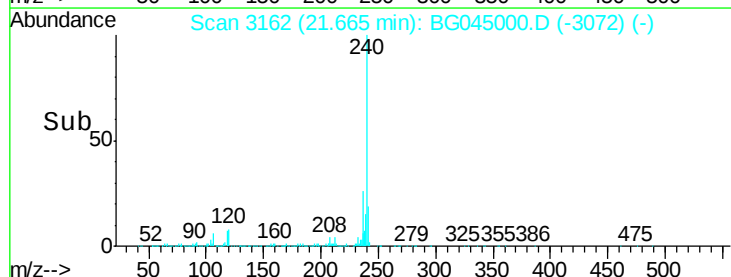
Abundance Ion 240.00 (239.70 to 240.70): E

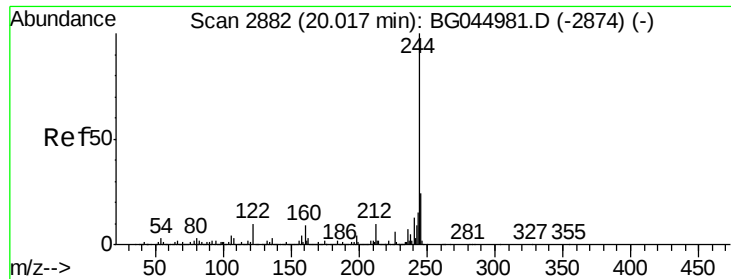
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.60 21.70





#79

Terphenyl-d14

Concen: 104.884 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045000.D

Acq: 16 Apr 2020 2:55

Instrument :

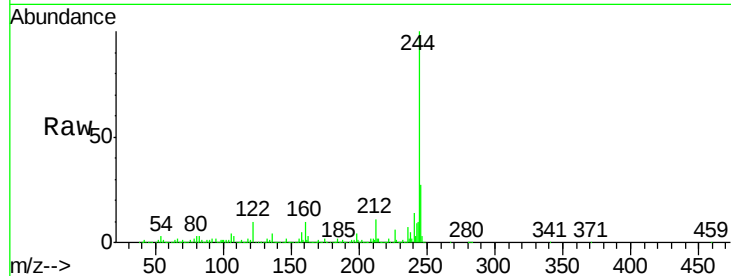
BNA_G

ClientSampleId :

B-2

Tot Ion:244 Resp: 2617547

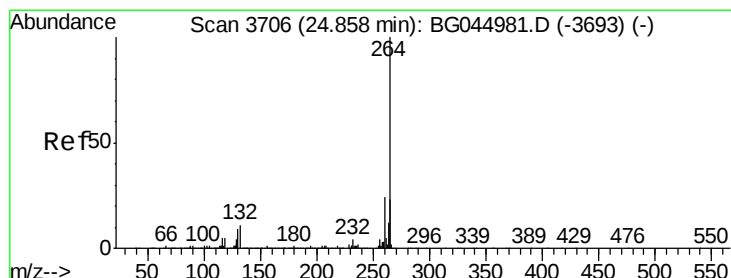
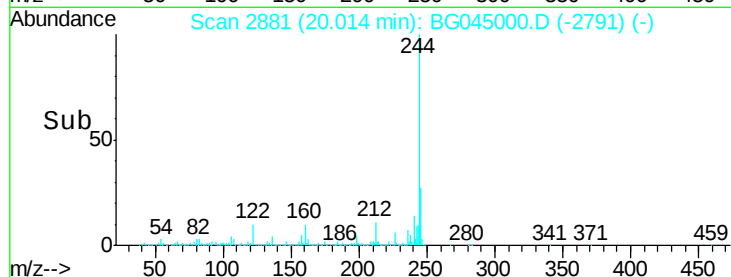
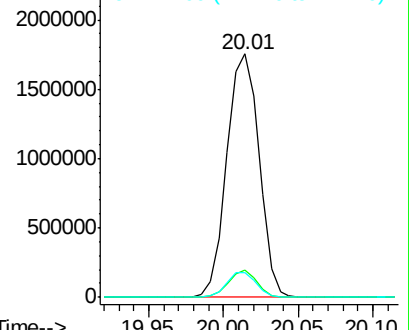
Ion	Ratio	Lower	Upper
244	100		
212	11.1	7.9	11.9
122	10.3	7.7	11.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

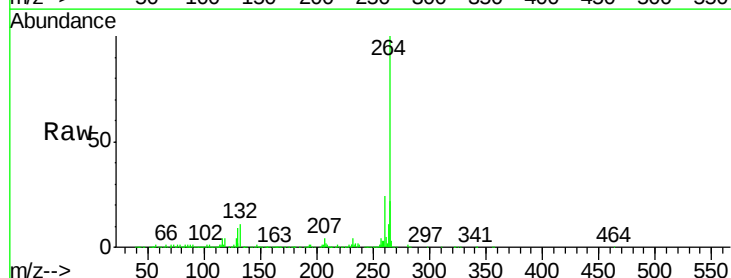
Delta R.T. -0.01 min

Lab File: BG045000.D

Acq: 16 Apr 2020 2:55

Tgt Ion:264 Resp: 581843

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	19.0	28.4



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

