

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044756.D
 Acq On : 13 Mar 2020 5:25
 Operator : CG/JU
 Sample : L1853-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-EC-21-S

Quant Time: Mar 13 07:48:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	102155	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	413801	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	284211	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	628252	20.00	ng	0.00
76) Chrysene-d12	21.70	240	576052	20.00	ng	-0.01
87) Perylene-d12	24.91	264	645435	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	763268	116.31	ng	0.00
7) Phenol-d6	7.21	99	992932	104.14	ng	0.00
23) Nitrobenzene-d5	9.21	82	820394	87.00	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	482178	129.57	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1693834	85.35	ng	0.00
79) Terphenyl-d14	20.04	244	2609129	84.72	ng	0.00

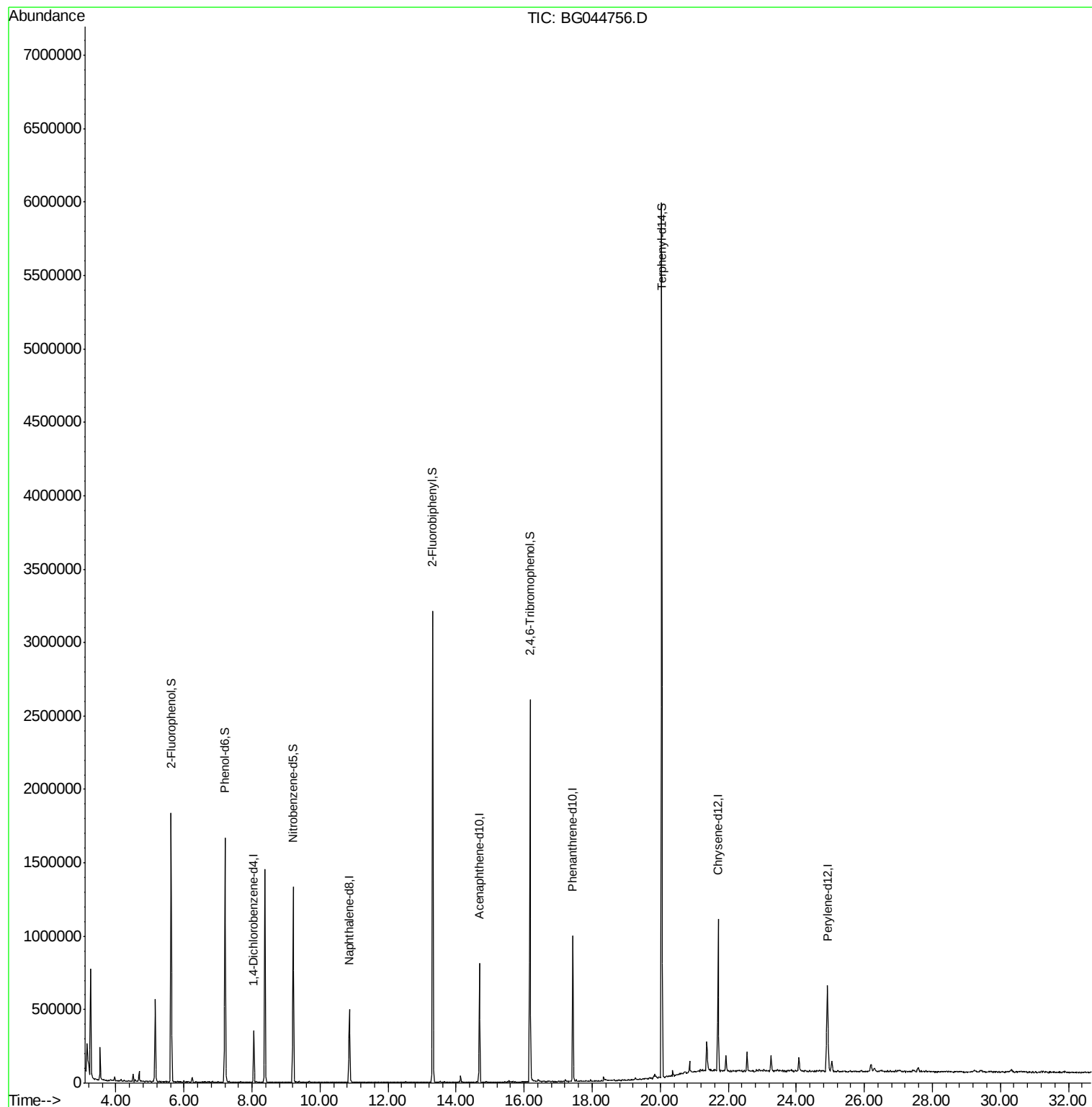
Target Compounds Qvalue

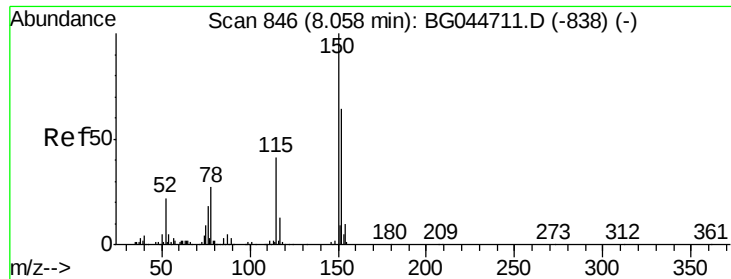
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG044756.D

Acq: 13 Mar 2020 5:25

Instrument :

BNA_G

ClientSampleId :

CB-EC-21-S

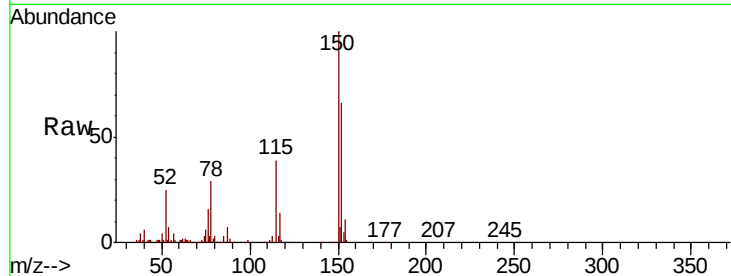
Tot Ion:152 Resp: 102155

Ion Ratio Lower Upper

152 100

150 152.2 125.3 187.9

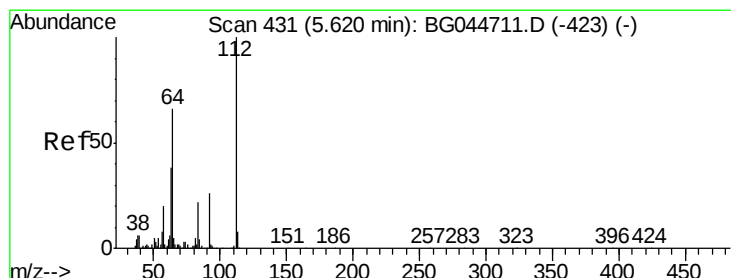
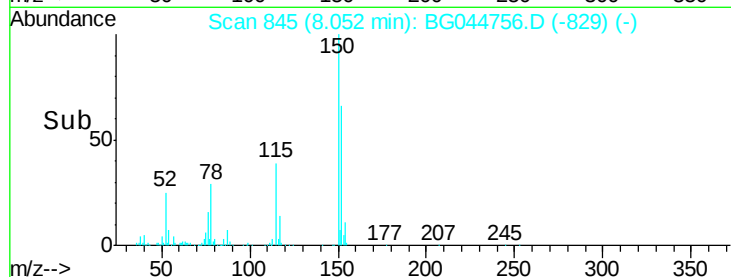
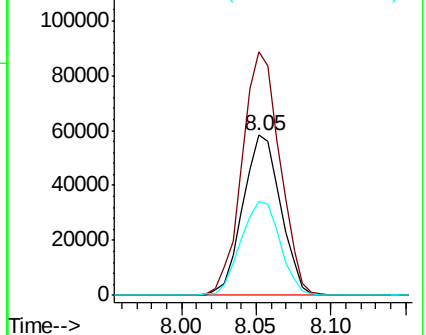
115 58.8 51.7 77.5



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: 116.311 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044756.D

Acq: 13 Mar 2020 5:25

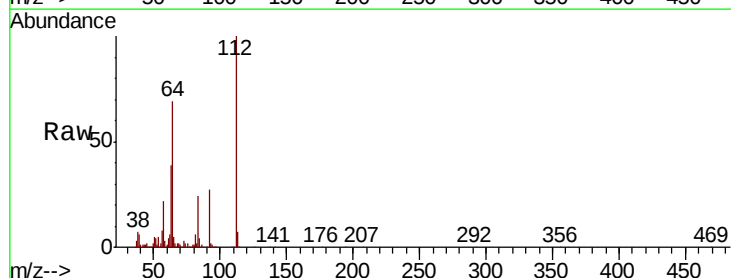
Tgt Ion:112 Resp: 763268

Ion Ratio Lower Upper

112 100

64 69.0 52.6 78.8

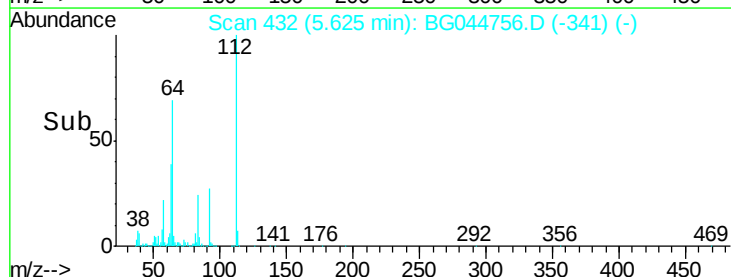
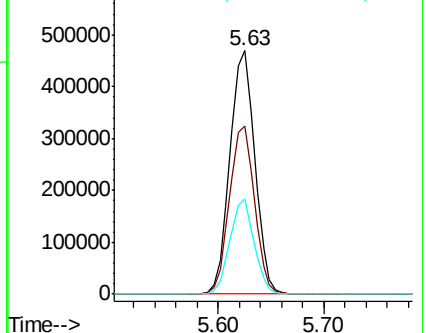
63 38.9 30.2 45.4

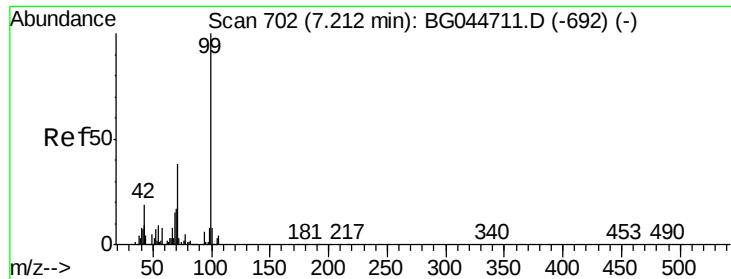


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 104.140 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG044756.D

Acq: 13 Mar 2020 5:25

Instrument :

BNA_G

ClientSampleId :

CB-EC-21-S

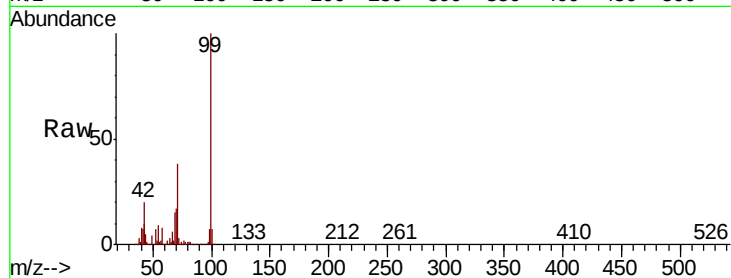
Tot Ion: 99 Resp: 992932

Ion Ratio Lower Upper

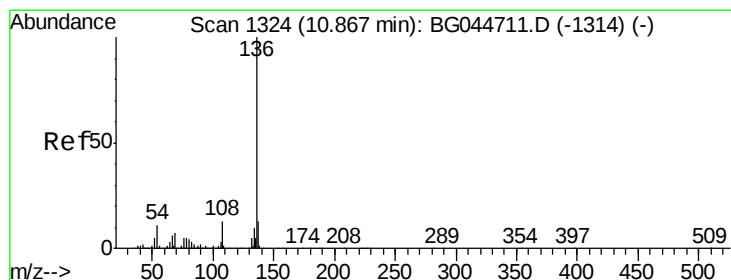
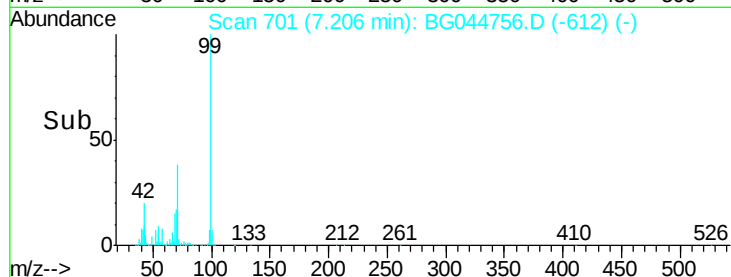
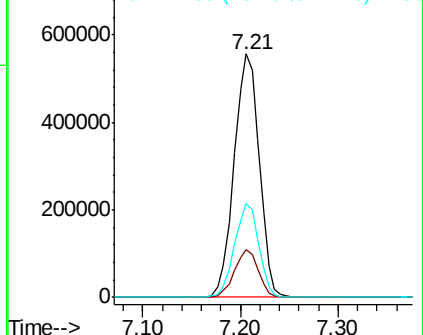
99 100

42 19.6 15.4 23.0

71 38.5 30.2 45.4



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: 10.86 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BG044756.D

Acq: 13 Mar 2020 5:25

Tgt Ion: 136 Resp: 413801

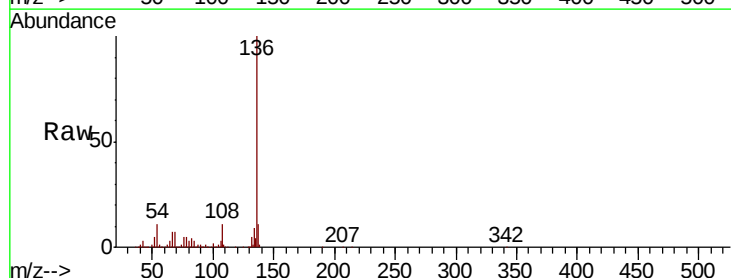
Ion Ratio Lower Upper

136 100

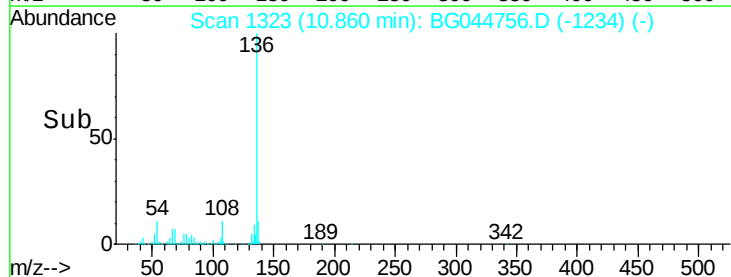
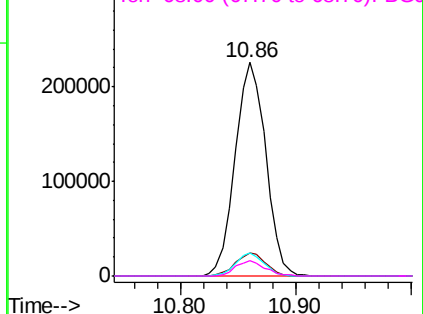
137 11.0 10.7 16.1

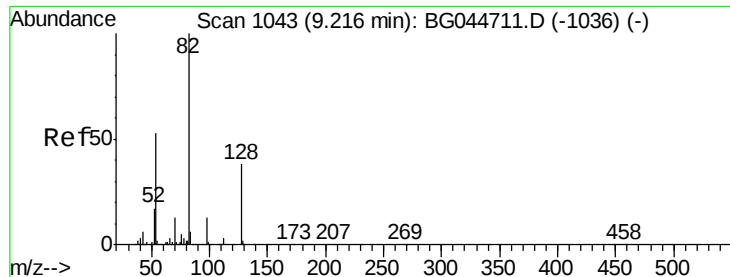
54 10.5 9.0 13.4

68 7.3 5.9 8.9



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

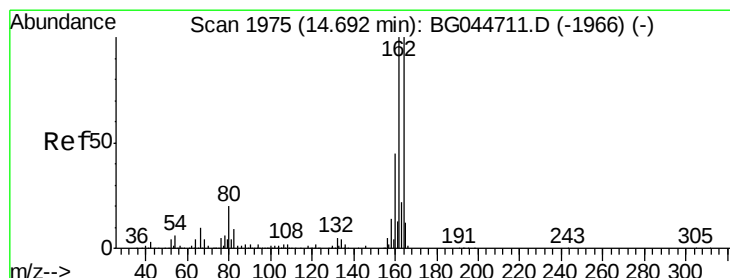
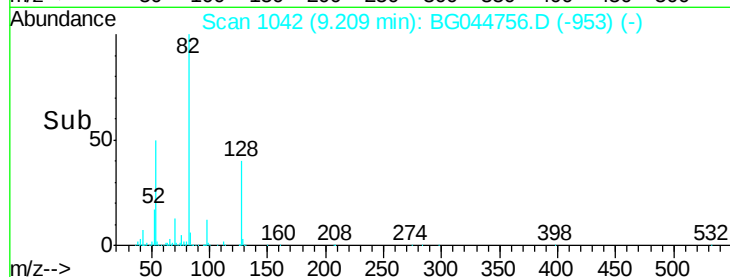
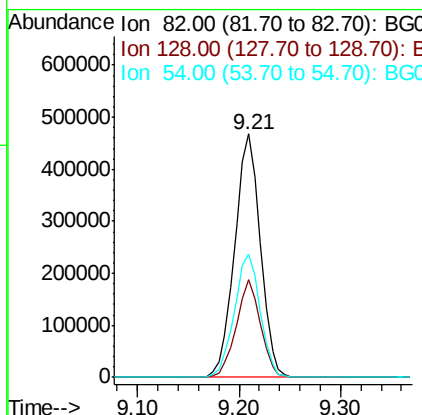
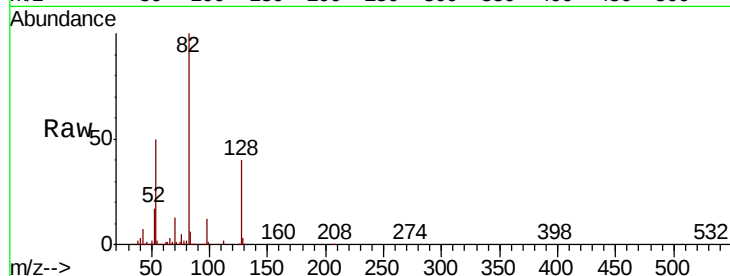




#23
Nitrobenzene-d5
Concen: 86.998 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG044756.D
Acq: 13 Mar 2020 5:25

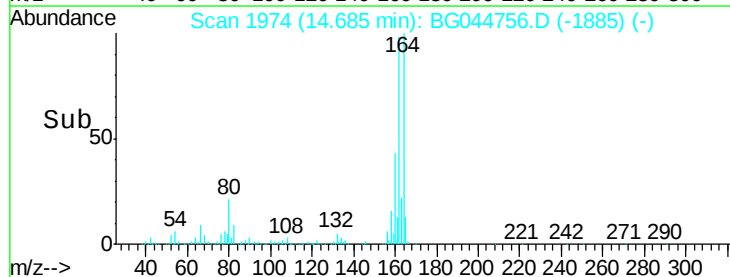
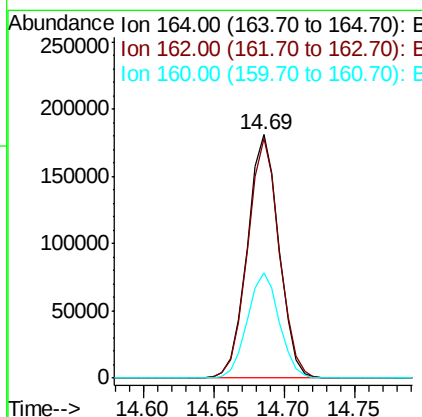
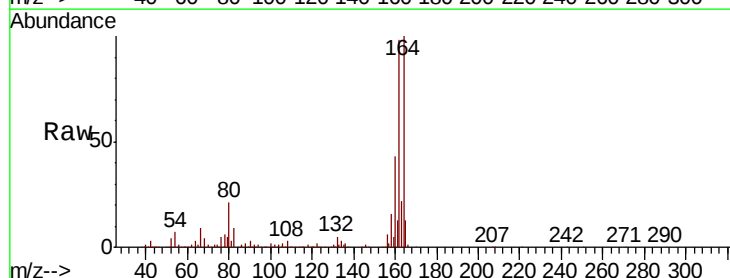
Instrument :
BNA_G
ClientSampleId :
CB-EC-21-S

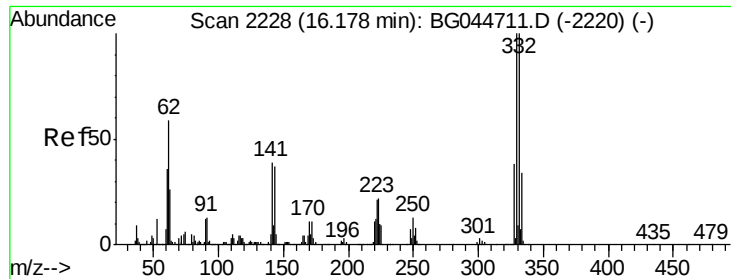
Tot Ion	82	Resp	820394
Ion Ratio	Lower	Upper	
82	100		
128	40.3	30.2	45.2
54	50.4	41.8	62.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG044756.D
Acq: 13 Mar 2020 5:25

Tgt Ion	164	Resp	284211
Ion Ratio	Lower	Upper	
164	100		
162	98.5	80.2	120.4
160	43.4	36.2	54.2

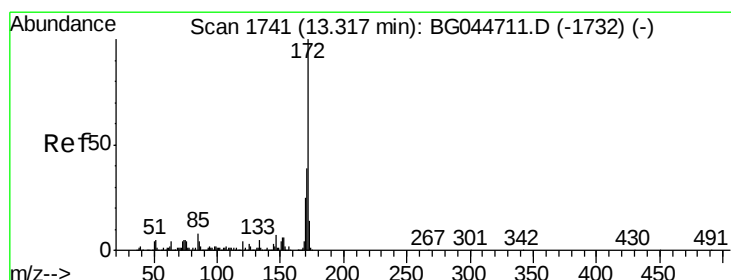
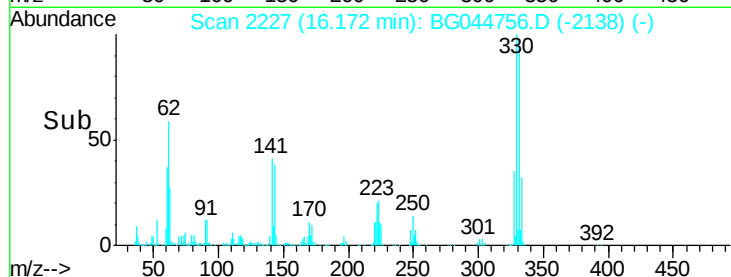
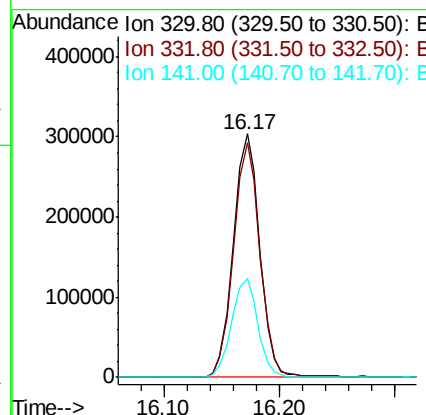
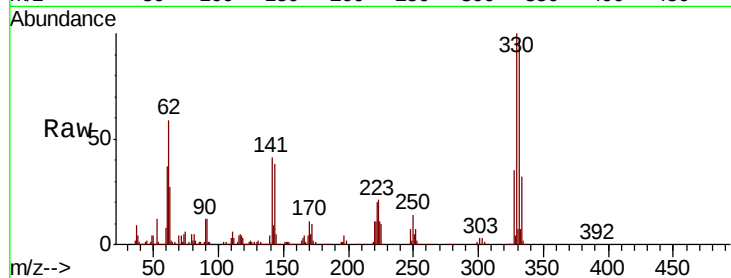




#42
 2,4,6-Tribromophenol
 Concen: 129.572 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG044756.D
 Acq: 13 Mar 2020 5:25

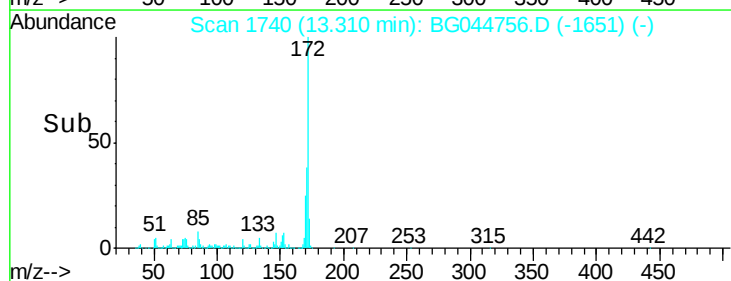
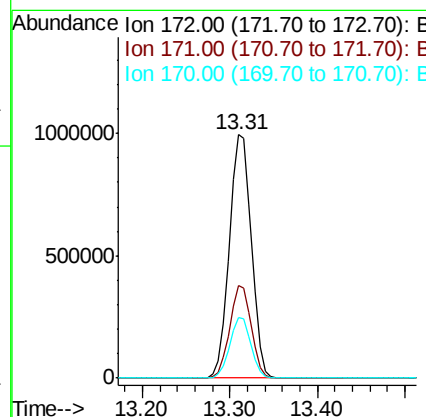
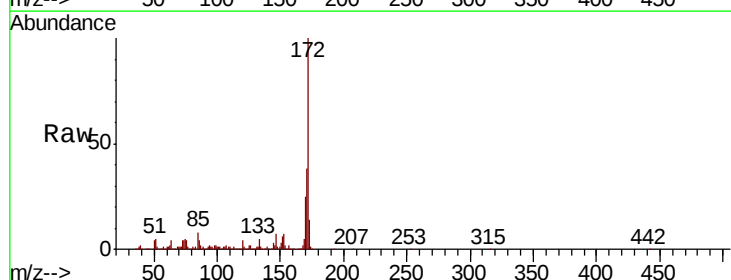
Instrument :
 BNA_G
 ClientSampleId :
 CB-EC-21-S

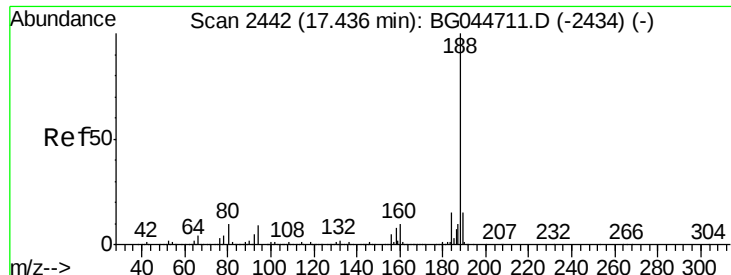
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.5	116.3
141	40.4	31.7	47.5



#45
 2-Fluorobiphenyl
 Concen: 85.346 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG044756.D
 Acq: 13 Mar 2020 5:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.8	46.2
170	24.9	20.0	30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG044756.D

Acq: 13 Mar 2020 5:25

Instrument :

BNA_G

ClientSampleId :

CB-EC-21-S

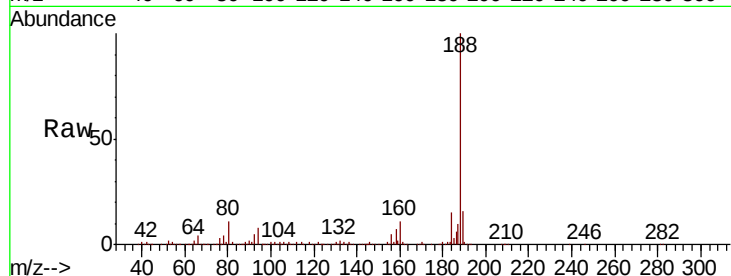
Tot Ion:188 Resp: 628252

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

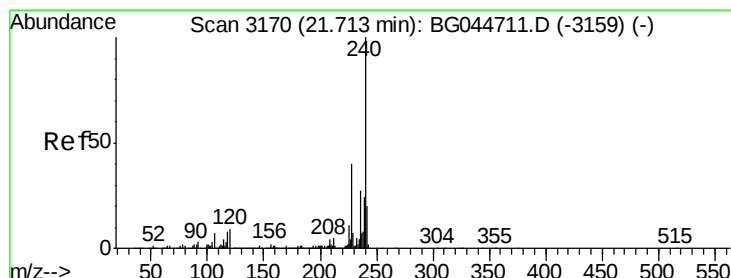
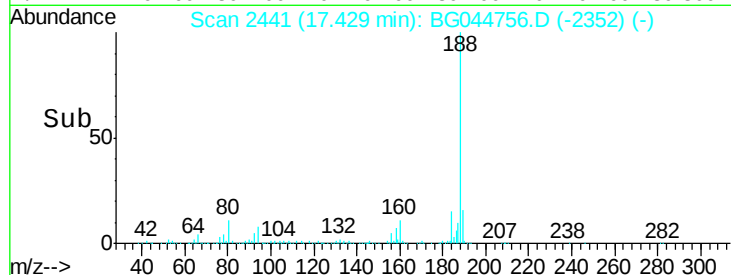
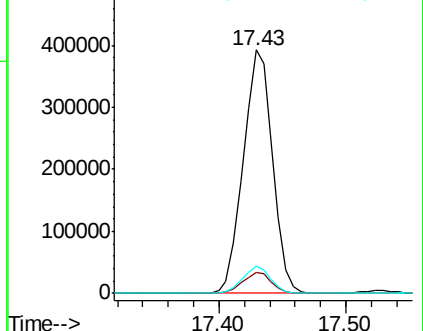
80 11.0 8.4 12.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG044756.D

Acq: 13 Mar 2020 5:25

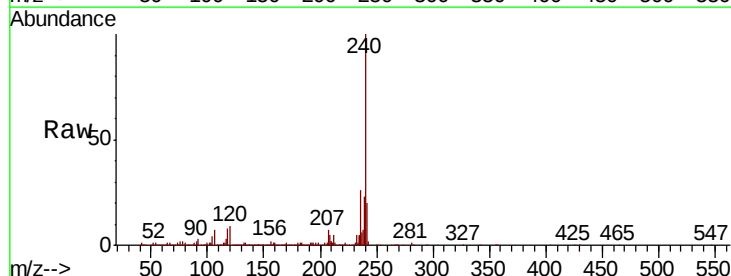
Tgt Ion:240 Resp: 576052

Ion Ratio Lower Upper

240 100

120 8.7 6.9 10.3

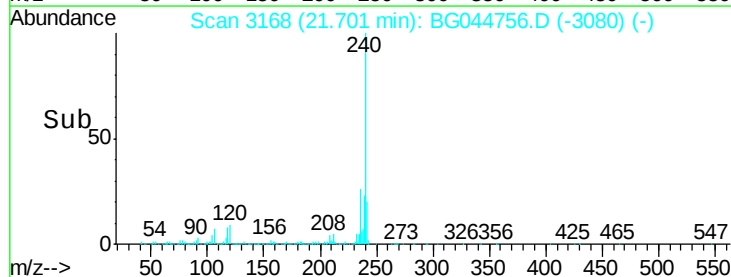
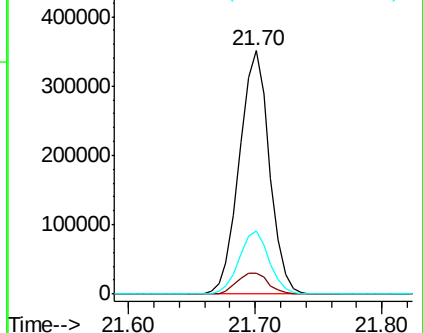
236 25.8 21.9 32.9

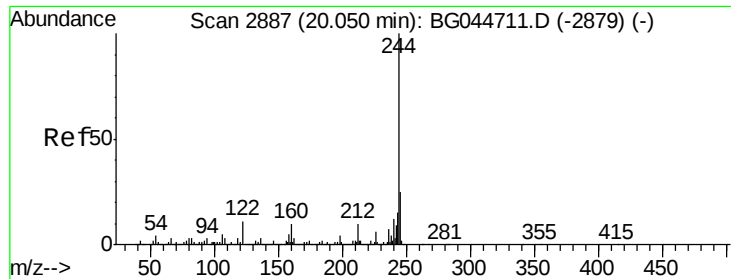


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.723 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG044756.D

Acq: 13 Mar 2020 5:25

Instrument :

BNA_G

ClientSampleId :

CB-EC-21-S

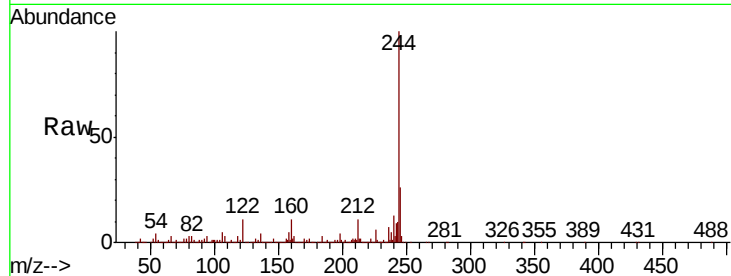
Tot Ion:244 Resp: 2609129

Ion Ratio Lower Upper

244 100

212 10.9 8.4 12.6

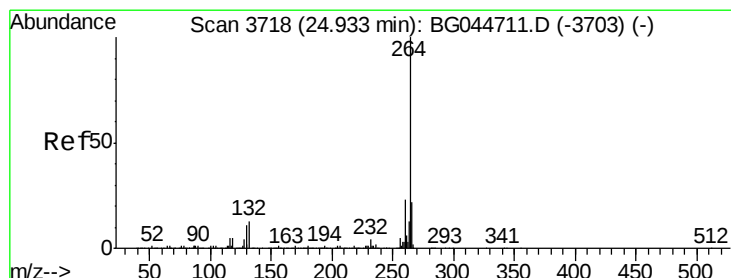
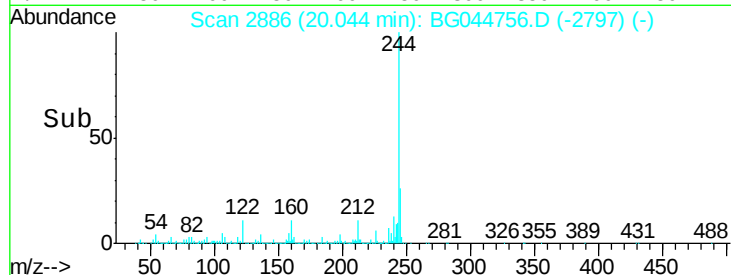
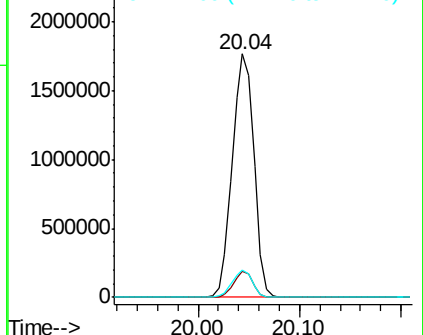
122 11.2 8.7 13.1



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: 24.91 min Scan# 3715

Delta R.T. -0.02 min

Lab File: BG044756.D

Acq: 13 Mar 2020 5:25

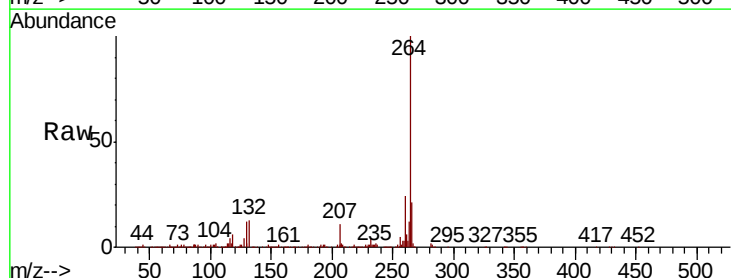
Tgt Ion:264 Resp: 645435

Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 21.0 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

