

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021720\
 Data File : BG044461.D
 Acq On : 18 Feb 2020 00:13
 Operator : CG/JU
 Sample : L1546-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 INDIAN-ISLAND-(3)

Quant Time: Feb 18 06:41:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

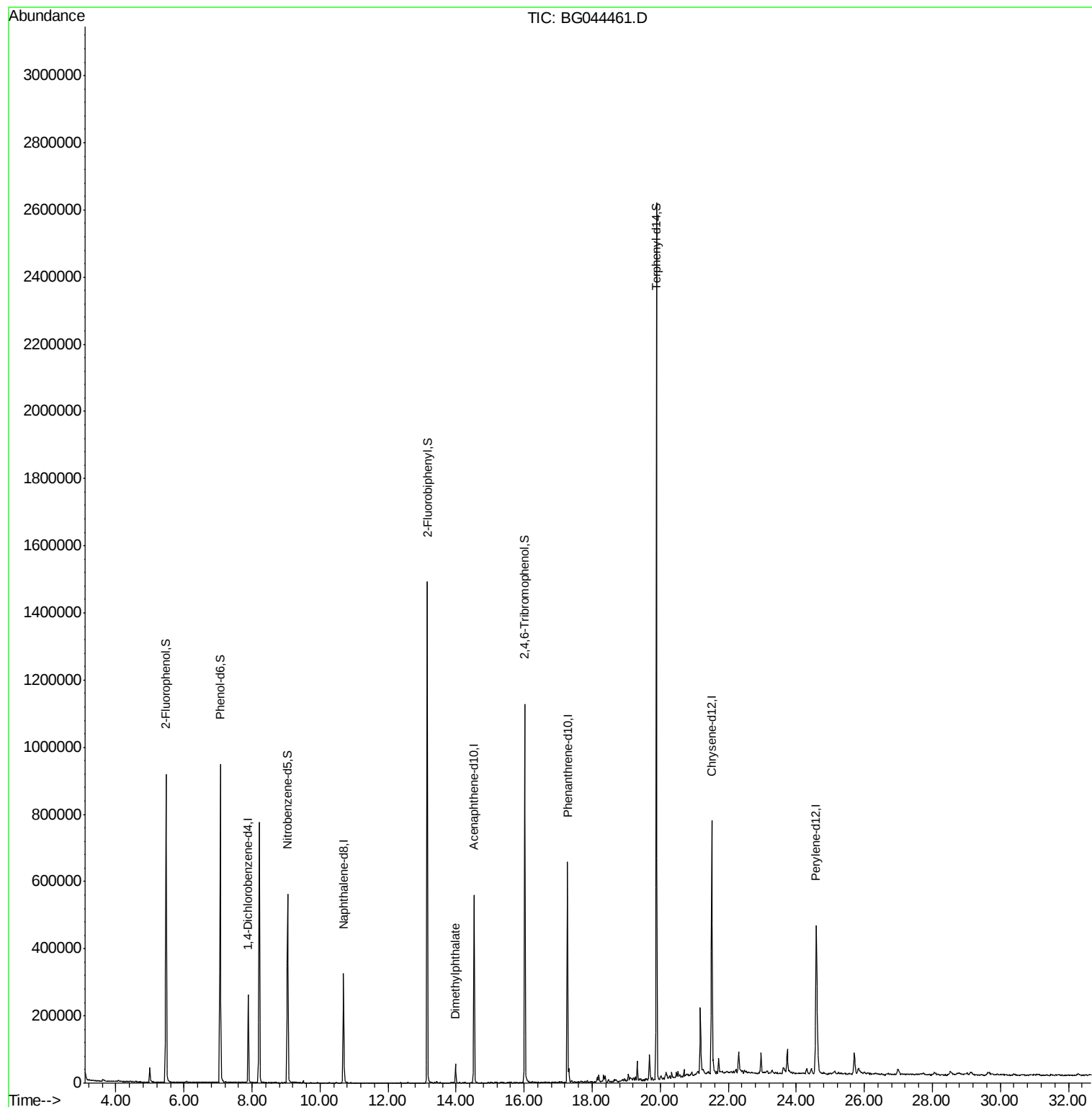
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	78032	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	312378	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	195160	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	426613	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	426583	20.00	ng	-0.02
87) Perylene-d12	24.59	264	454172	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	471496	106.64	ng	0.00
7) Phenol-d6	7.07	99	616407	103.82	ng	-0.01
23) Nitrobenzene-d5	9.05	82	370485	66.96	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	235820	102.93	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	838550	71.95	ng	-0.01
79) Terphenyl-d14	19.89	244	1281023	61.77	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.98	163	44790	3.19	ng	Qvalue 100

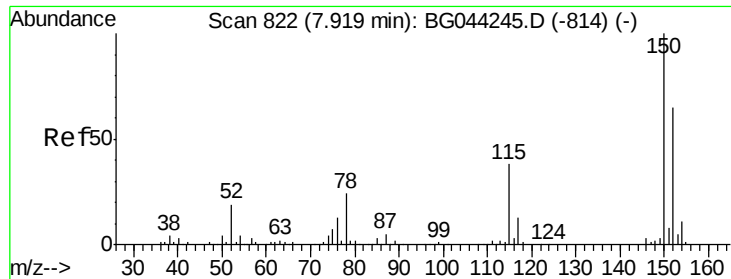
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.02 min

Lab File: BG044461.D

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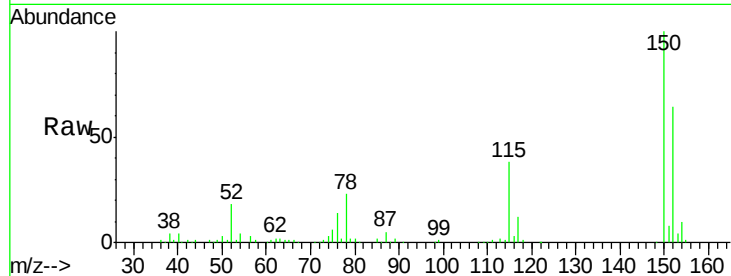
Tgt Ion:152 Resp: 78032

Ion Ratio Lower Upper

152 100

150 156.6 122.6 183.8

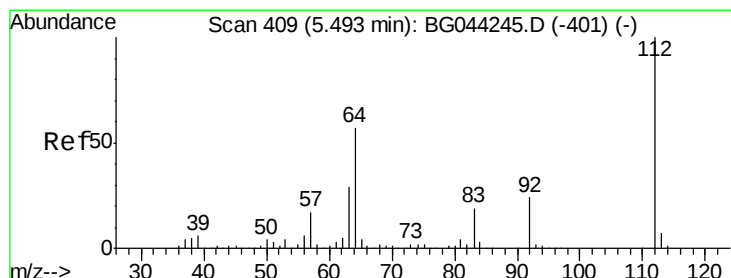
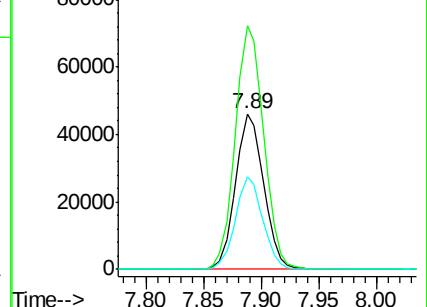
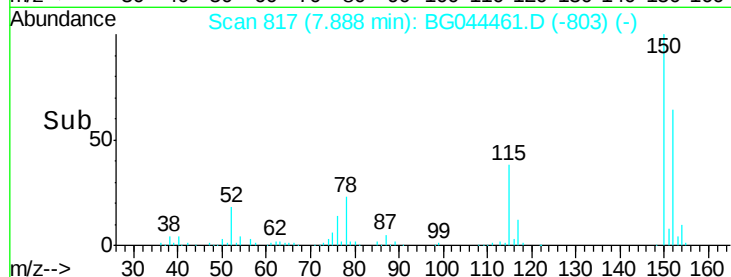
115 59.3 46.0 69.0



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: 106.64 ng

RT: 5.47 min Scan# 406

Delta R.T. -0.01 min

Lab File: BG044461.D

Acq: 18 Feb 2020 00:13

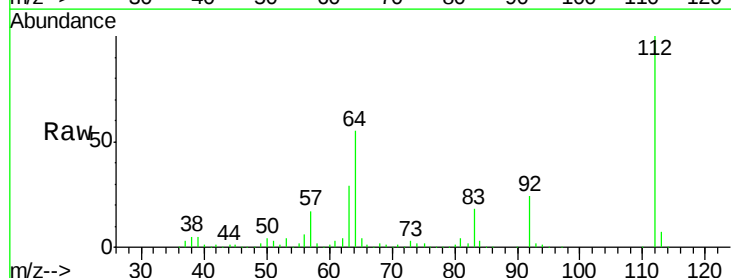
Tgt Ion:112 Resp: 471496

Ion Ratio Lower Upper

112 100

64 55.3 45.4 68.2

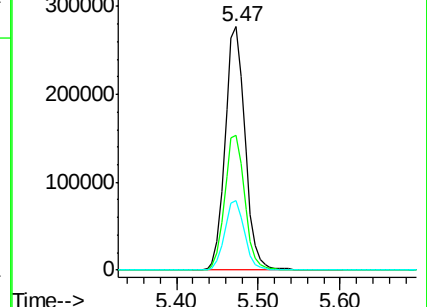
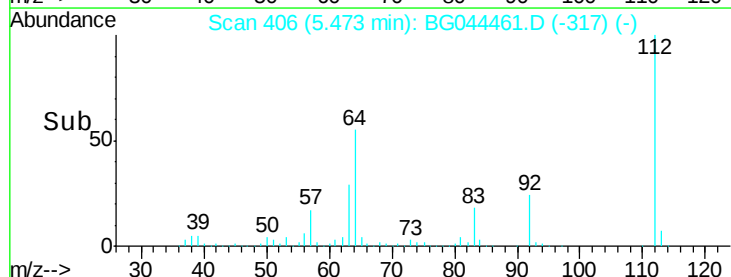
63 28.7 22.9 34.3

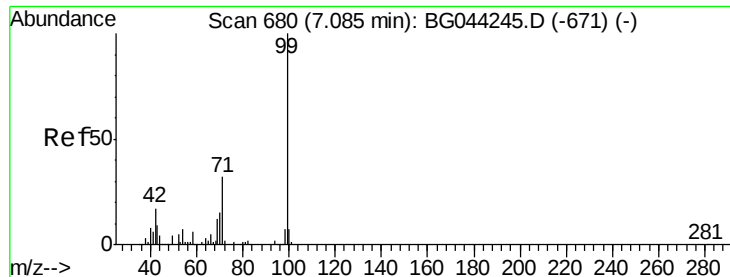


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 103.82 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044461.D

Acq: 18 Feb 2020 00:13

Instrument :

BNA_G

ClientSampleId :

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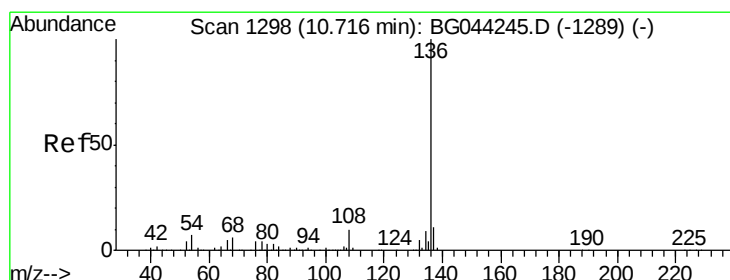
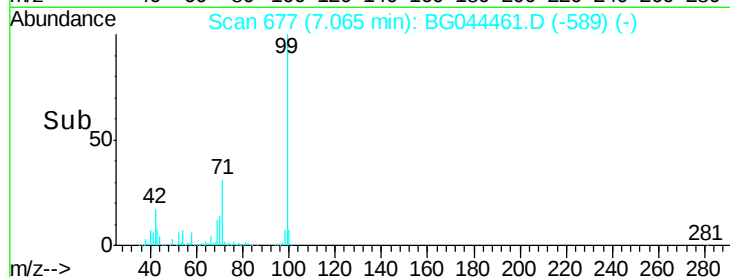
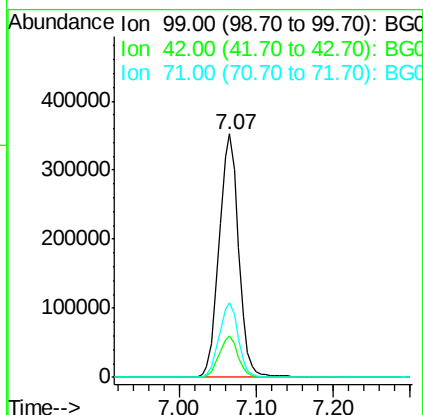
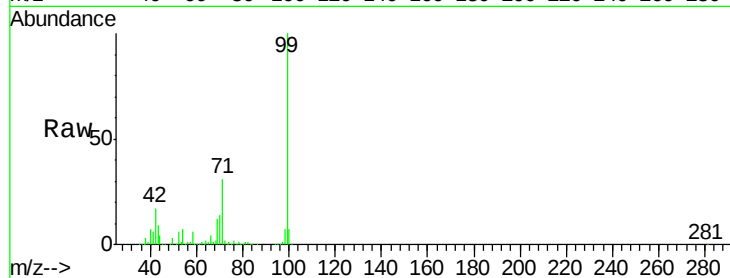
Tgt Ion: 99 Resp: 616407

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.6

71 30.6 25.5 38.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG044461.D

Acq: 18 Feb 2020 00:13

Tgt Ion: 136 Resp: 312378

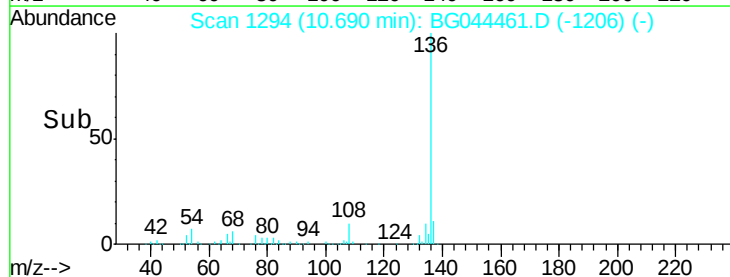
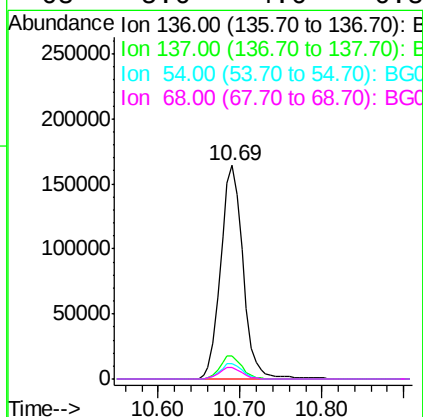
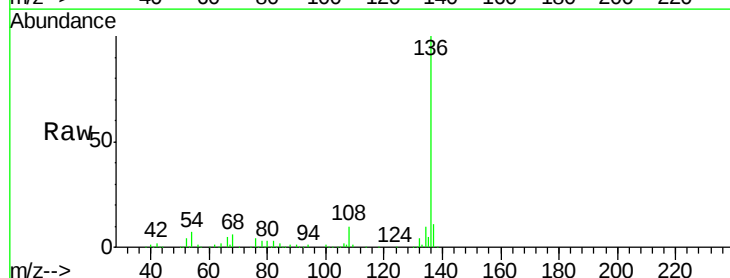
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.1 5.8 8.8

68 5.6 4.6 6.8

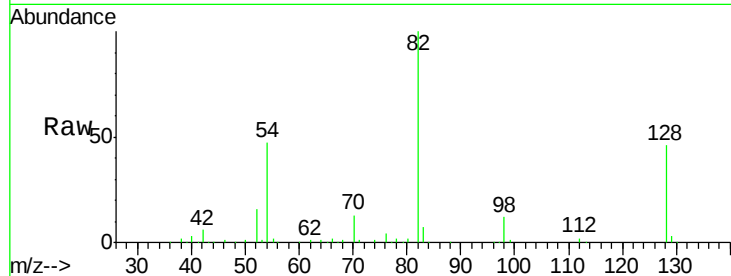




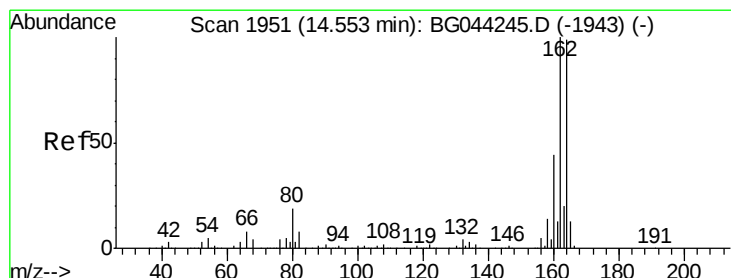
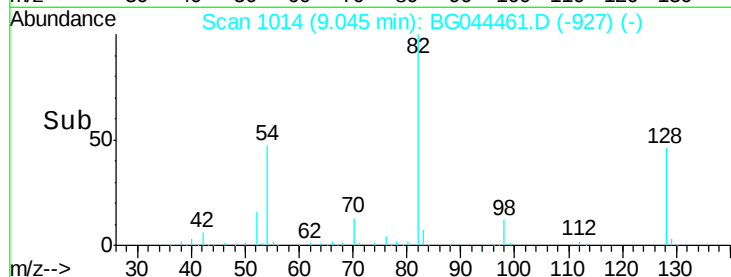
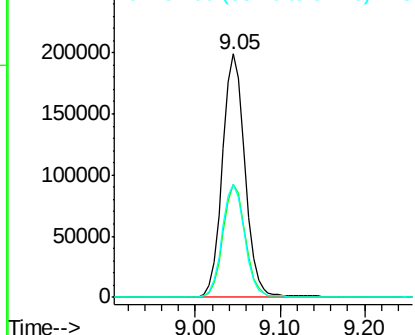
#23
Nitrobenzene-d5
Concen: 66.96 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG044461.D
Acq: 18 Feb 2020 00:13

Instrument :
BNA_G
ClientSampleId :
INDIAN-ISLAND-(3)

Tgt Ion: 82 Resp: 370485
Ion Ratio Lower Upper
82 100
128 46.5 36.5 54.7
54 46.5 38.6 58.0

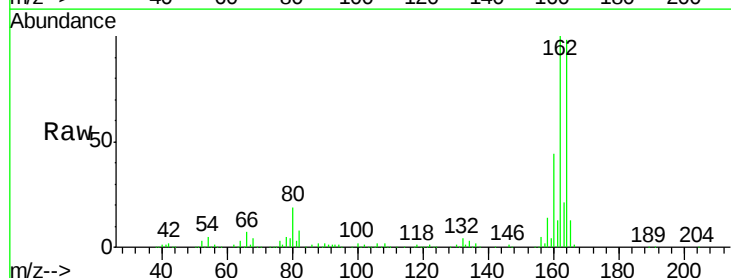


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

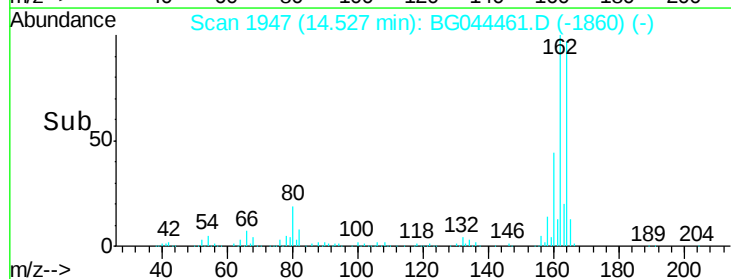
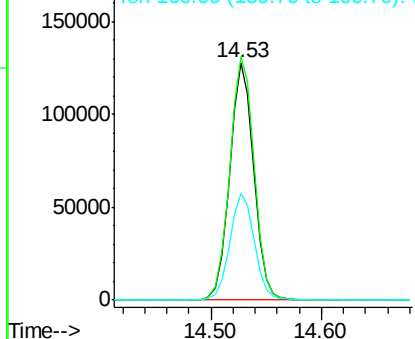


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG044461.D
Acq: 18 Feb 2020 00:13

Tgt Ion: 164 Resp: 195160
Ion Ratio Lower Upper
164 100
162 102.4 80.7 121.1
160 44.6 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

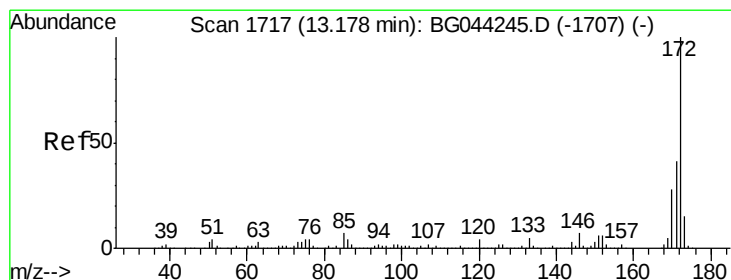
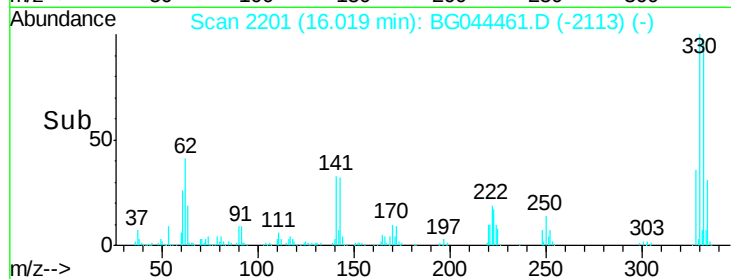
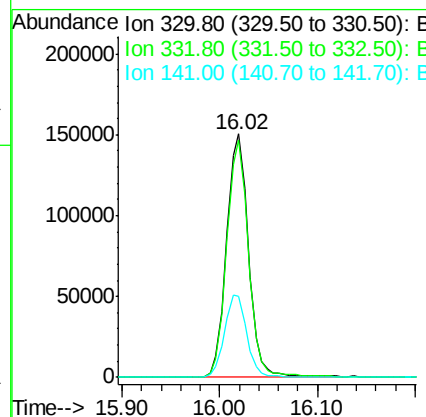
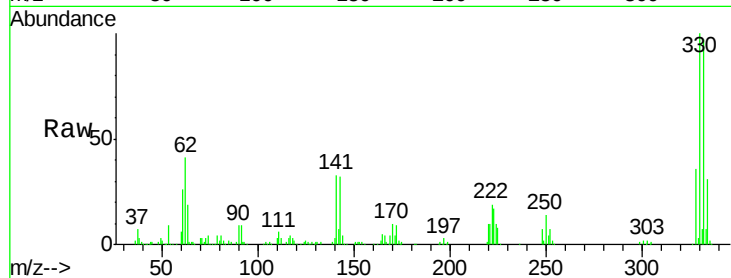




#42
 2,4,6-Tribromophenol
 Concen: 102.93 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG044461.D
 Acq: 18 Feb 2020 00:13

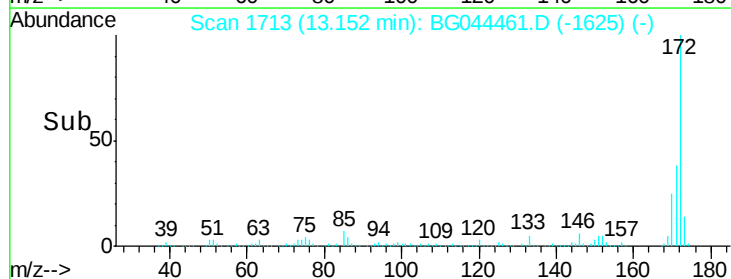
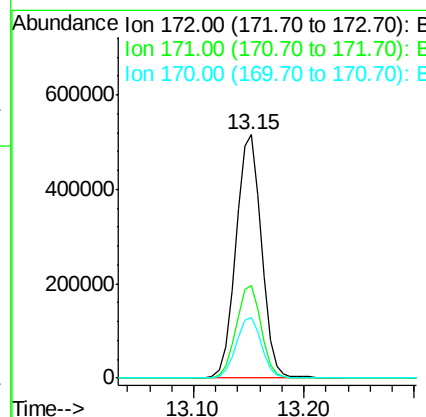
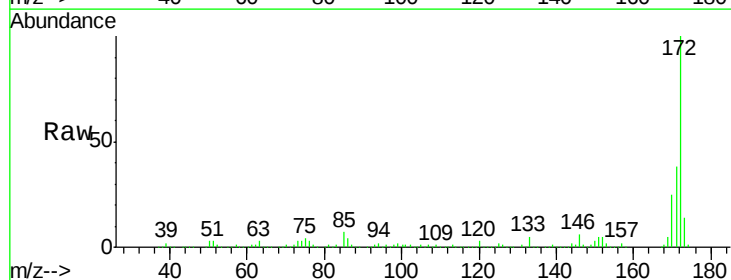
Instrument :
 BNA_G
 ClientSampleId :
 INDIAN-ISLAND-(3)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.2	115.8
141	34.6	28.3	42.5



#45
 2-Fluorobiphenyl
 Concen: 71.95 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG044461.D
 Acq: 18 Feb 2020 00:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.9	49.3
170	25.0	22.0	33.0





#50

Dimethylphthalate

Concen: 3.19 ng

RT: 13.98 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BG044461.D

Acq: 18 Feb 2020 00:13

Instrument :

BNA_G

ClientSampleId :

INDIAN-ISLAND-(3)

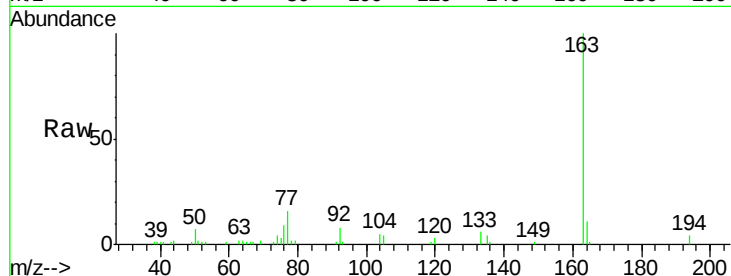
Tgt Ion:163 Resp: 44790

Ion Ratio Lower Upper

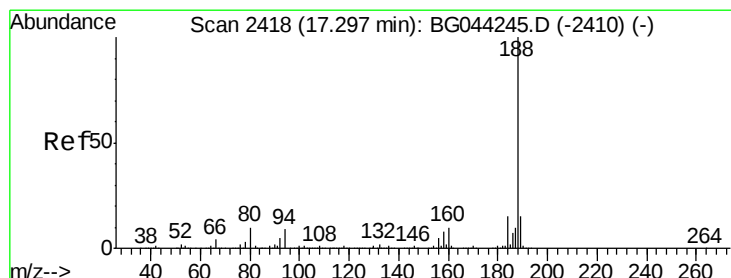
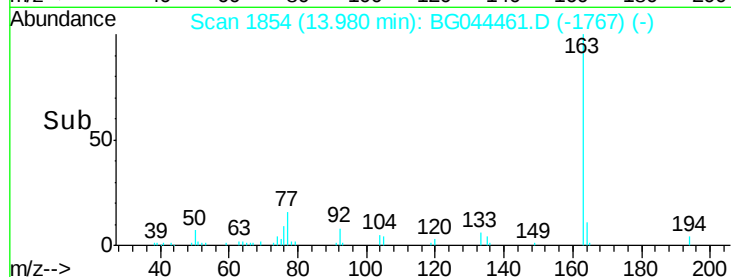
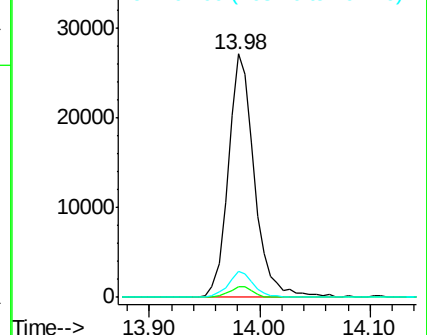
163 100

194 4.2 3.6 5.4

164 10.9 8.7 13.1



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: 20.00 ng

RT: 17.27 min Scan# 2414

Delta R.T. -0.02 min

Lab File: BG044461.D

Acq: 18 Feb 2020 00:13

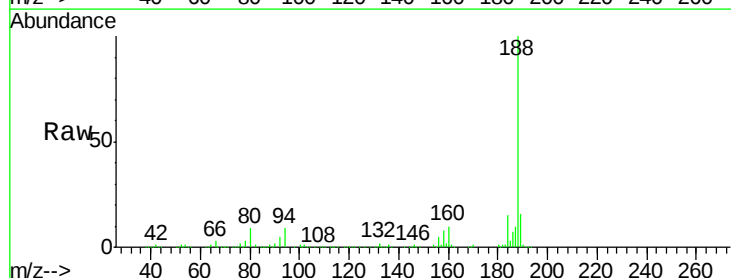
Tgt Ion:188 Resp: 426613

Ion Ratio Lower Upper

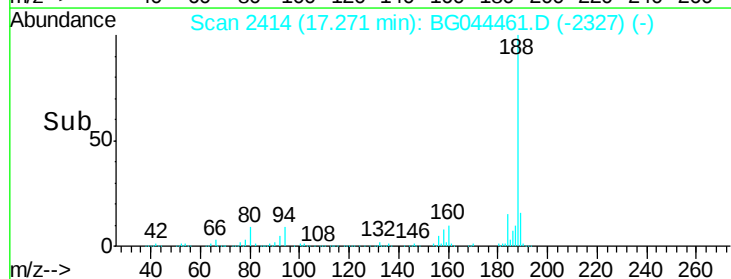
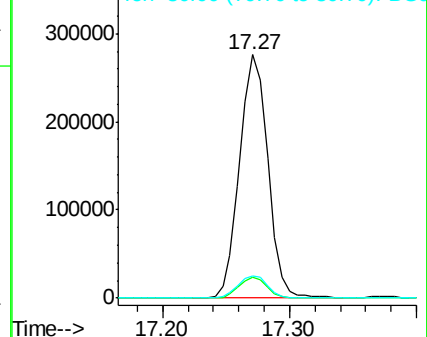
188 100

94 8.7 7.4 11.2

80 9.2 7.7 11.5



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

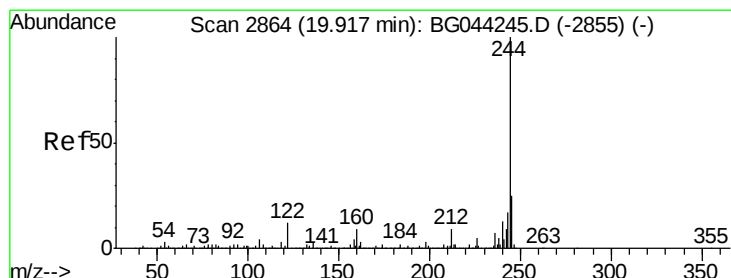
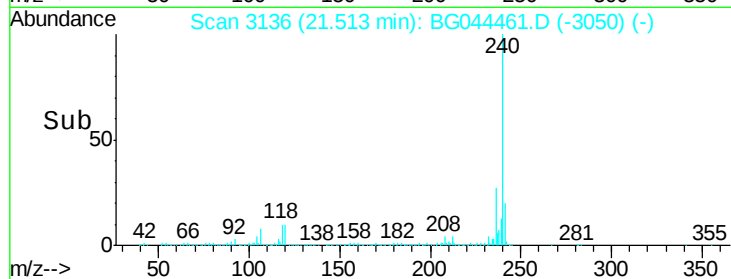
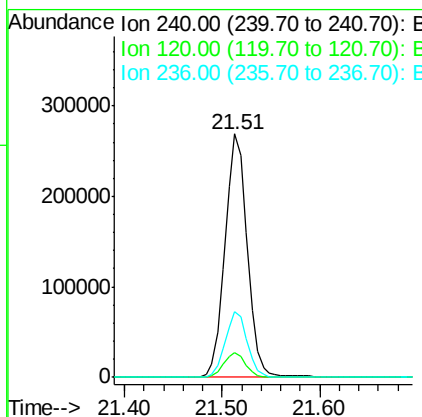
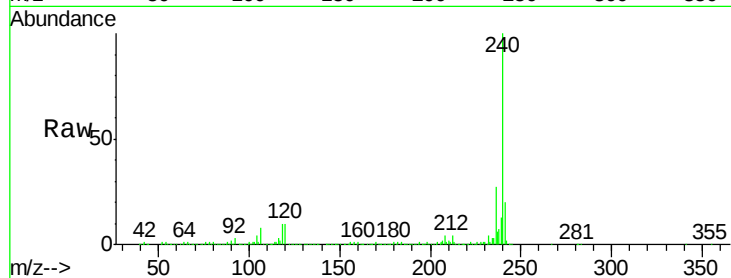




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.02 min
Lab File: BG044461.D
Acq: 18 Feb 2020 00:13

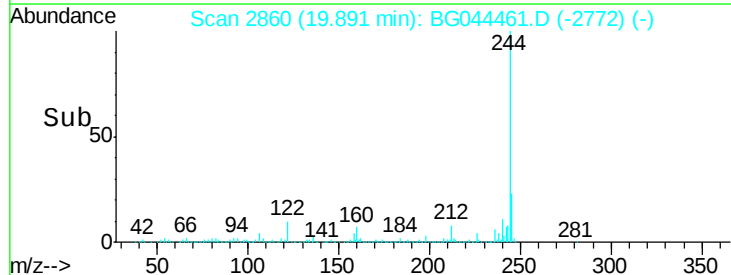
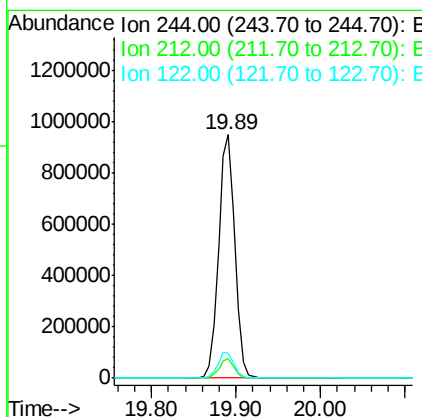
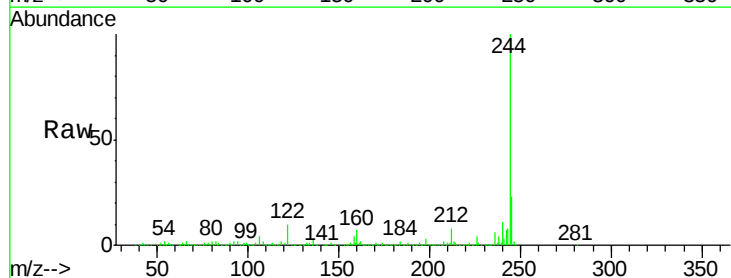
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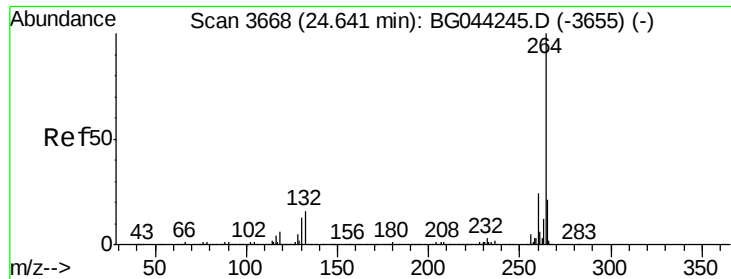
Tgt Ion:240 Resp: 426583
Ion Ratio Lower Upper
240 100
120 10.2 8.4 12.6
236 27.1 22.1 33.1



#79
Terphenyl-d14
Concen: 61.77 ng
RT: 19.89 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG044461.D
Acq: 18 Feb 2020 00:13

Tgt Ion:244 Resp: 1281023
Ion Ratio Lower Upper
244 100
212 8.0 7.4 11.2
122 10.3 9.8 14.6





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.59 min Scan# 3660
Delta R.T. -0.03 min
Lab File: BG044461.D
Acq: 18 Feb 2020 00:13

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.0	16.7	25.1

