

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021720\
 Data File : BG044463.D
 Acq On : 18 Feb 2020 1:31
 Operator : CG/JU
 Sample : L1546-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 INDIAN-ISLAND-(6)

Quant Time: Feb 18 06:44:49 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

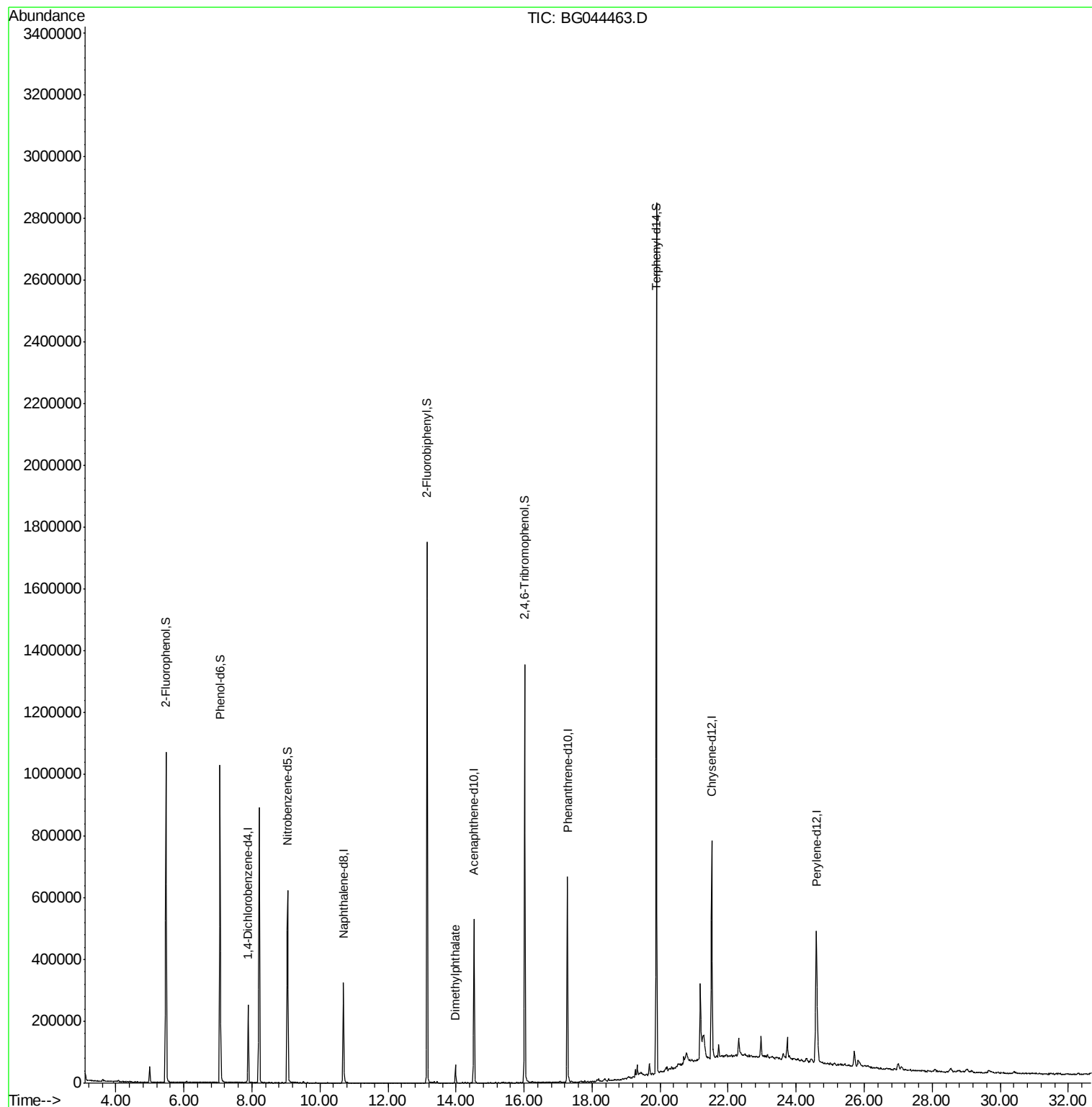
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	76847	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	303853	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	191247	20.00	ng	-0.01
64) Phenanthrene-d10	17.27	188	422241	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	412056	20.00	ng	-0.02
87) Perylene-d12	24.59	264	440769	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	529626	121.63	ng	0.00
7) Phenol-d6	7.06	99	688953	117.83	ng	-0.01
23) Nitrobenzene-d5	9.05	82	422031	78.41	ng	-0.01
42) 2,4,6-Tribromophenol	16.02	330	278472	124.03	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	948305	83.03	ng	-0.01
79) Terphenyl-d14	19.89	244	1438290	71.80	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.98	163	47337	3.44	ng	Qvalue 97

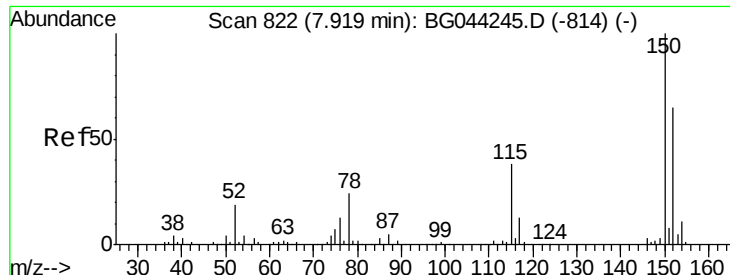
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG044463.D

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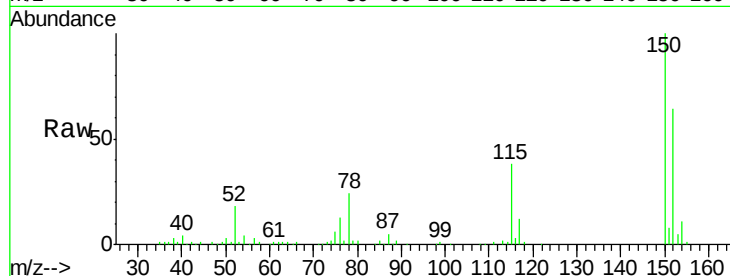
Tgt Ion:152 Resp: 76847

Ion Ratio Lower Upper

152 100

150 157.1 122.6 183.8

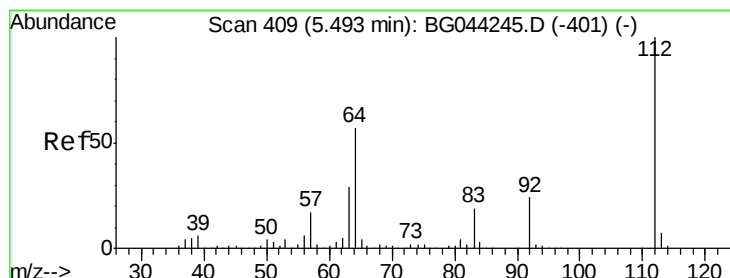
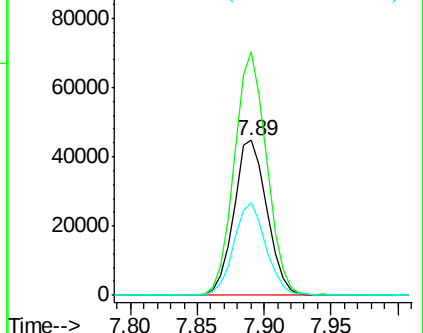
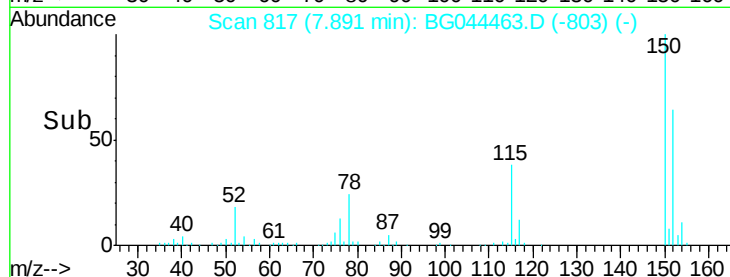
115 59.8 46.0 69.0



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: 121.63 ng

RT: 5.47 min Scan# 405

Delta R.T. -0.01 min

Lab File: BG044463.D

Acq: 18 Feb 2020 1:31

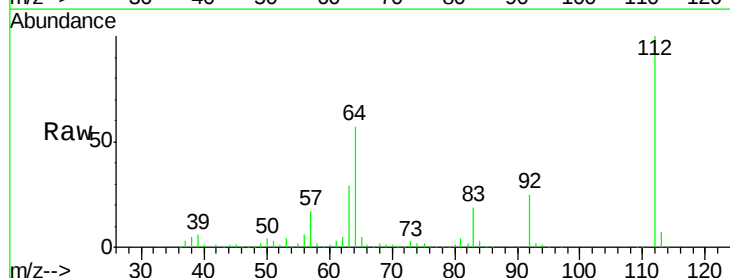
Tgt Ion:112 Resp: 529626

Ion Ratio Lower Upper

112 100

64 56.7 45.4 68.2

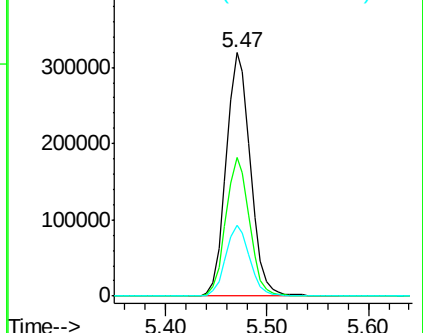
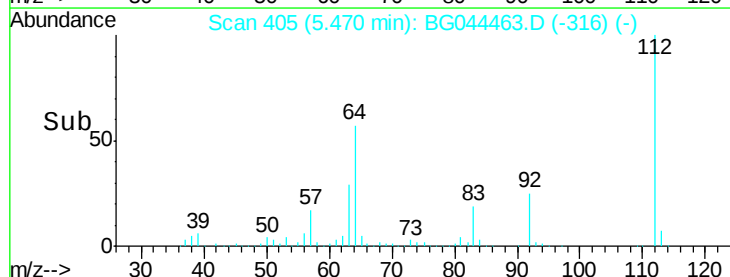
63 29.1 22.9 34.3

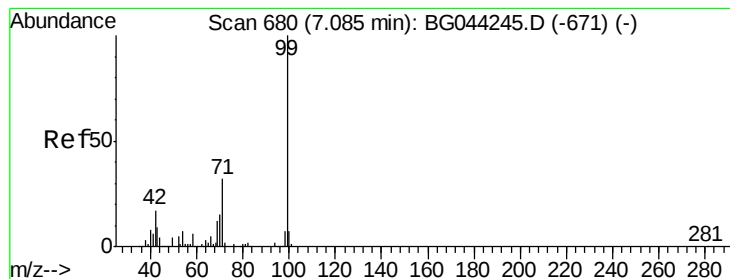


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 117.83 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG044463.D

Acq: 18 Feb 2020 1:31

Instrument :

BNA_G

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INDIAN-ISLAND-(6)

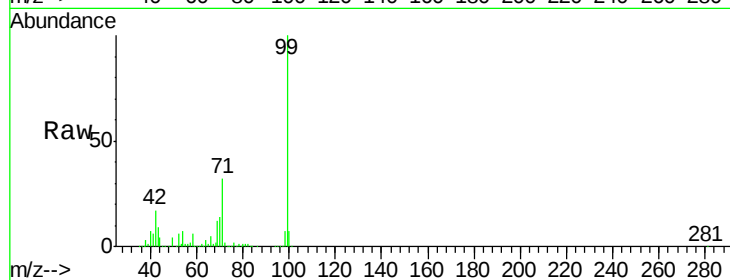
Tgt Ion: 99 Resp: 688953

Ion Ratio Lower Upper

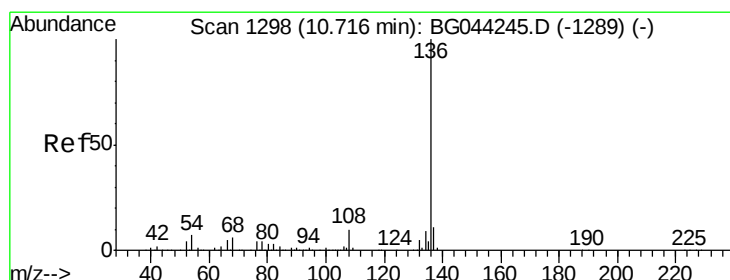
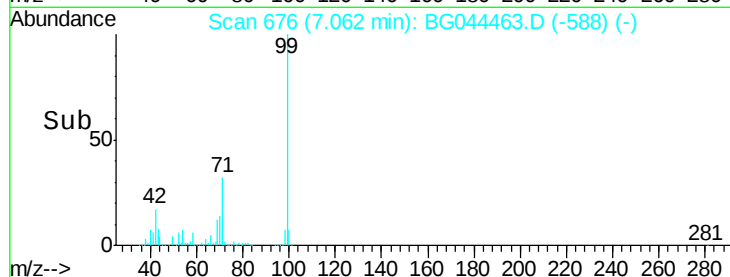
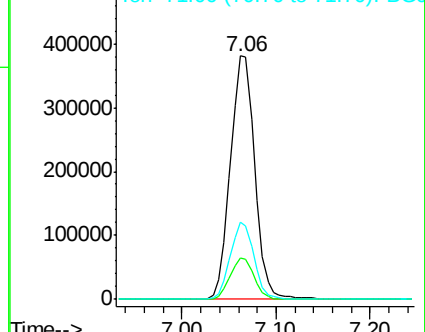
99 100

42 16.8 13.8 20.6

71 31.6 25.5 38.3



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: 20.00 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG044463.D

Acq: 18 Feb 2020 1:31

Tgt Ion: 136 Resp: 303853

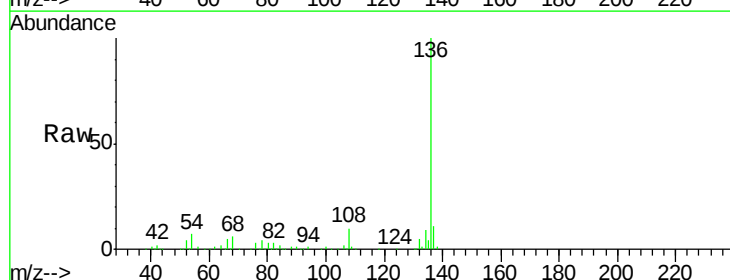
Ion Ratio Lower Upper

136 100

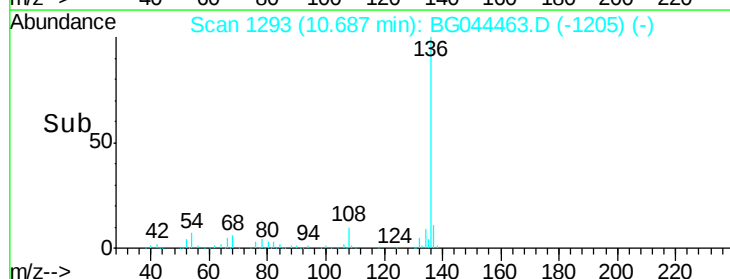
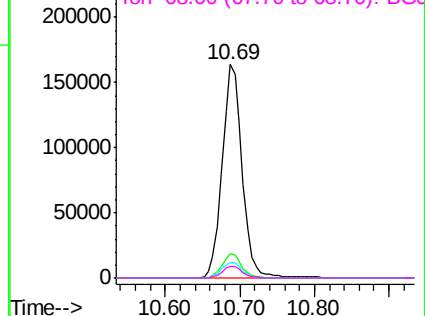
137 11.2 8.8 13.2

54 7.1 5.8 8.8

68 5.6 4.6 6.8



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

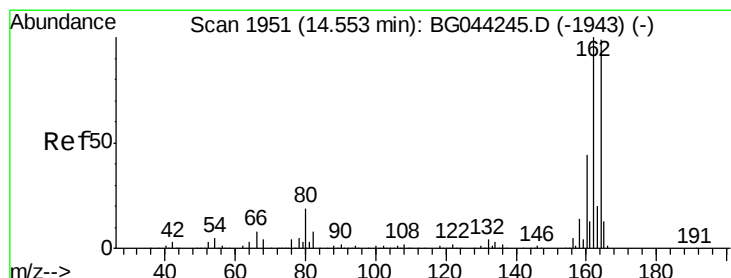
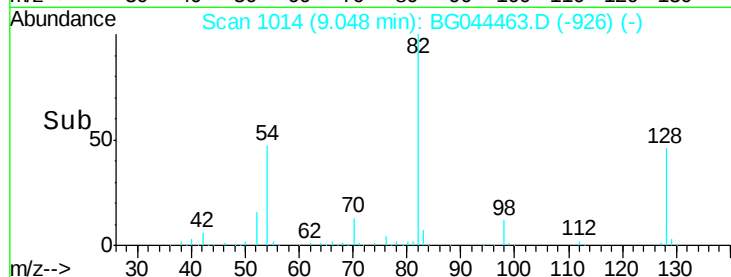
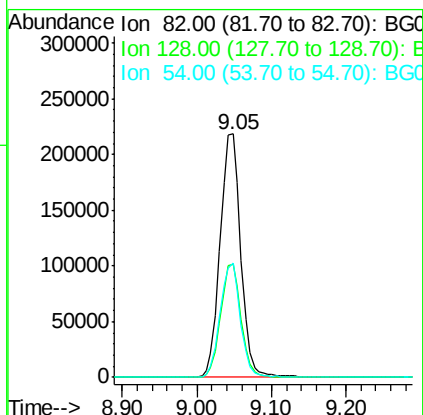
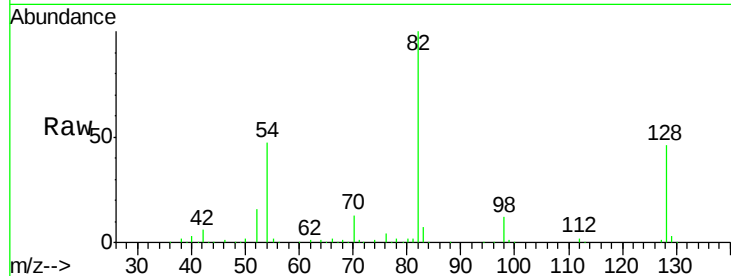




#23
 Nitrobenzene-d5
 Concen: 78.41 ng
 RT: 9.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG044463.D
 Acq: 18 Feb 2020 1:31

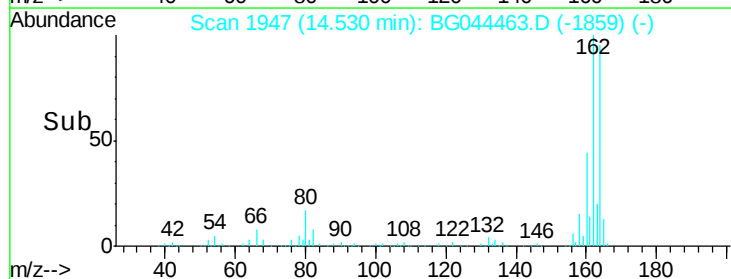
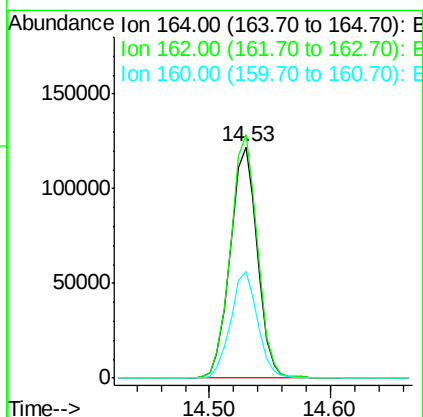
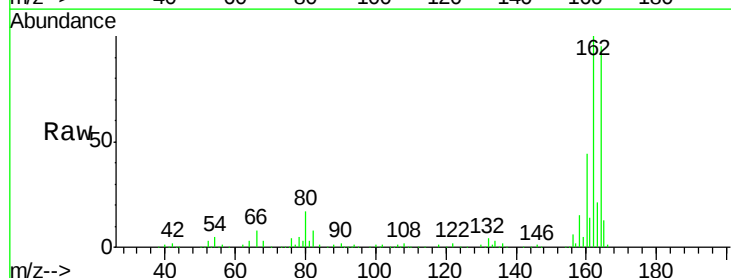
Instrument :
 BNA_G
 ClientSampleId :
 INDIAN-ISLAND-(6)

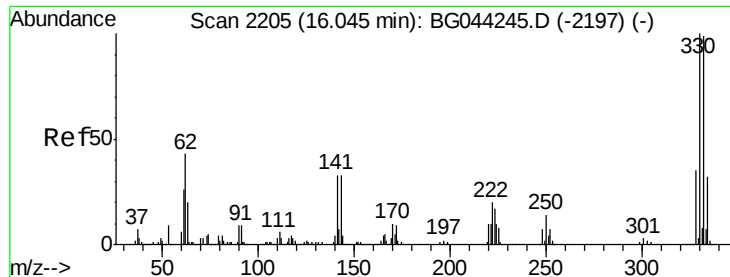
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.5	54.7
54	46.7	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG044463.D
 Acq: 18 Feb 2020 1:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	80.7	121.1
160	45.9	35.3	52.9

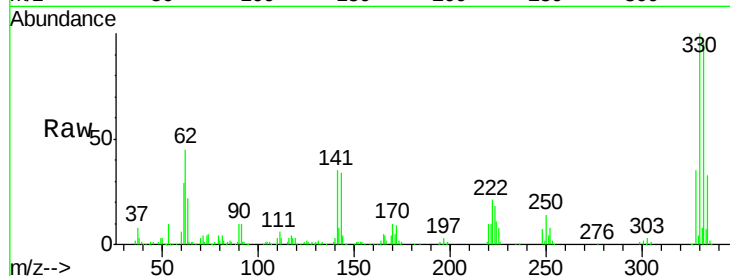




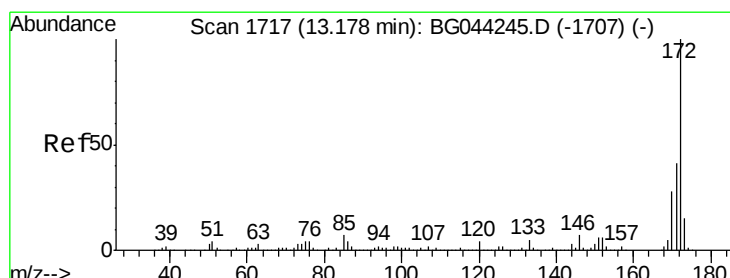
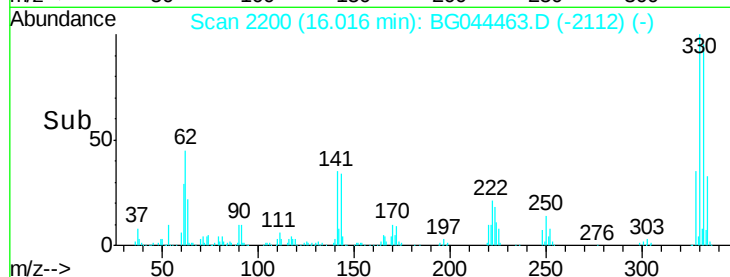
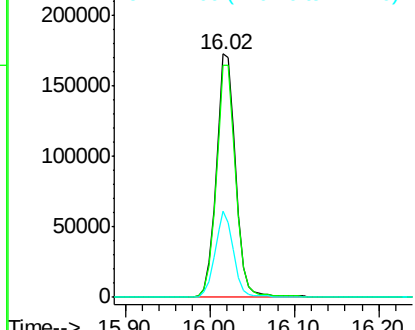
#42
 2,4,6-Tribromophenol
 Concen: 124.03 ng
 RT: 16.02 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG044463.D
 Acq: 18 Feb 2020 1:31

Instrument :
 BNA_G
 ClientSampleId :
 INDIAN-ISLAND-(6)

Tgt Ion:330 Resp: 278472
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.2 115.8
 141 34.0 28.3 42.5

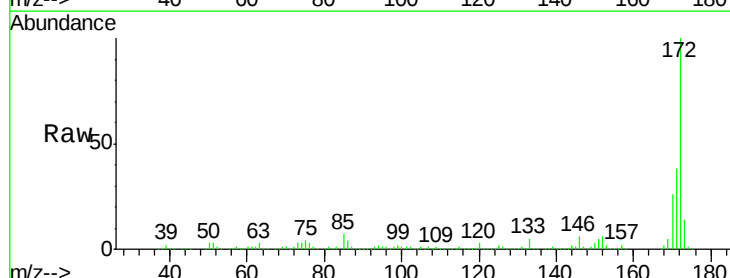


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

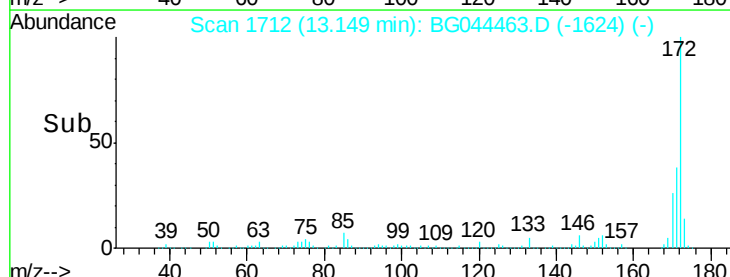
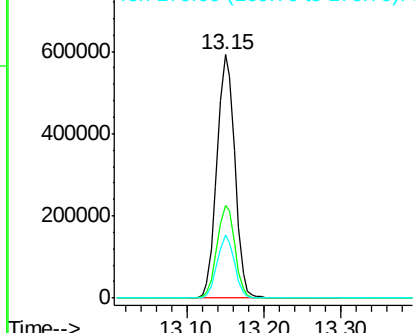


#45
 2-Fluorobiphenyl
 Concen: 83.03 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG044463.D
 Acq: 18 Feb 2020 1:31

Tgt Ion:172 Resp: 948305
 Ion Ratio Lower Upper
 172 100
 171 38.0 32.9 49.3
 170 25.8 22.0 33.0



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: 3.44 ng

RT: 13.98 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG044463.D

Acq: 18 Feb 2020 1:31

Instrument :

BNA_G

ClientSampleId :

INDIAN-ISLAND-(6)

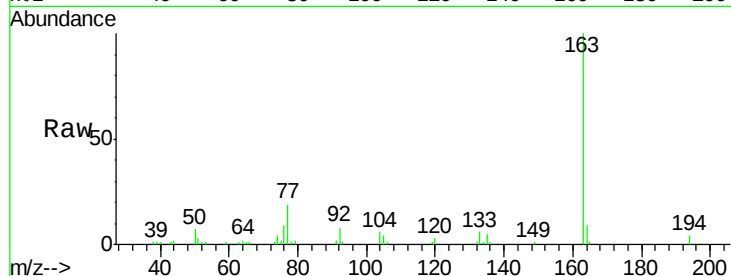
Tgt Ion:163 Resp: 47337

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

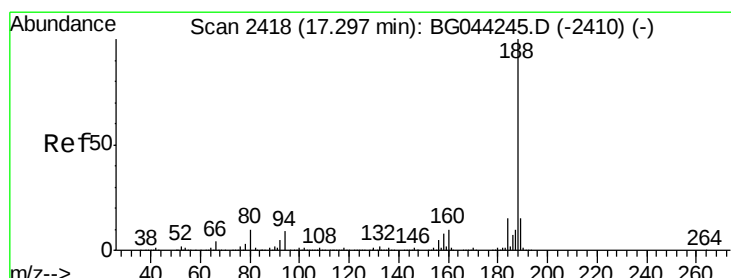
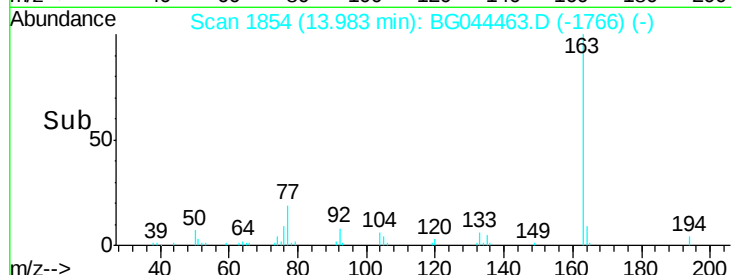
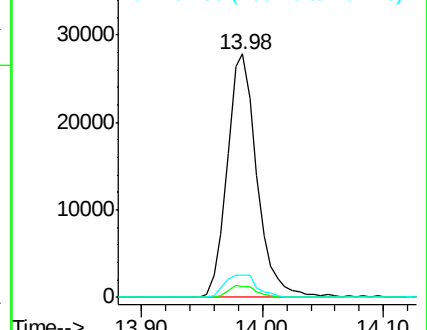
164 9.2 8.7 13.1



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. -0.01 min

Lab File: BG044463.D

Acq: 18 Feb 2020 1:31

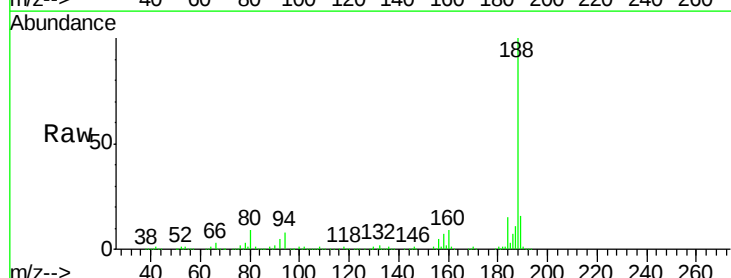
Tgt Ion:188 Resp: 422241

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.2

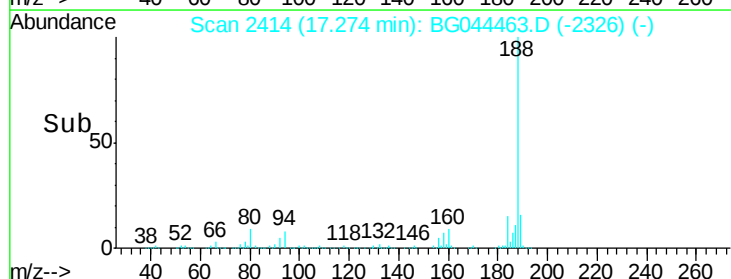
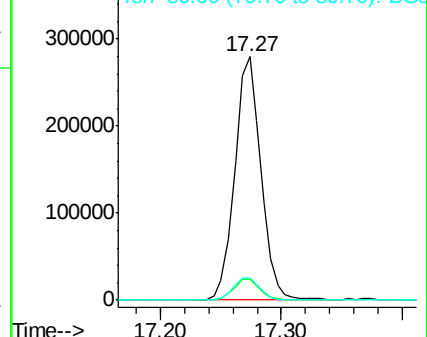
80 9.3 7.7 11.5



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

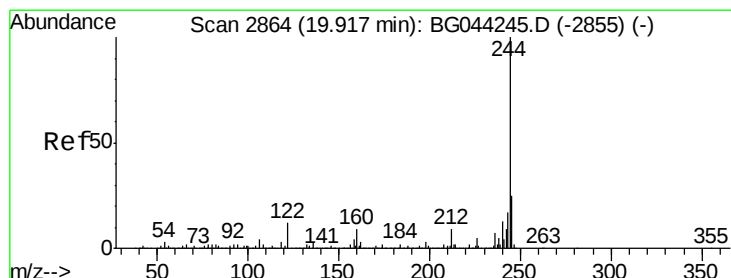
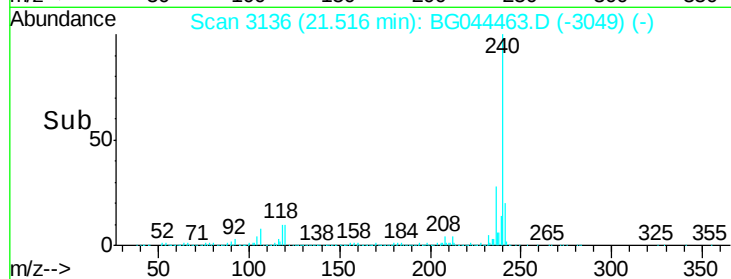
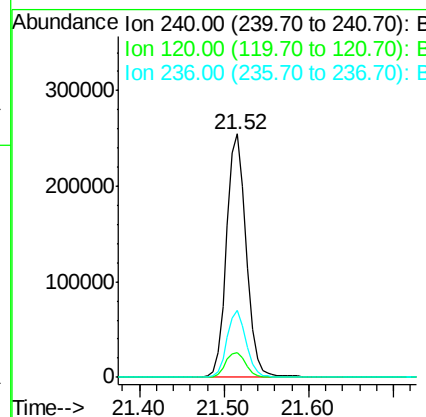
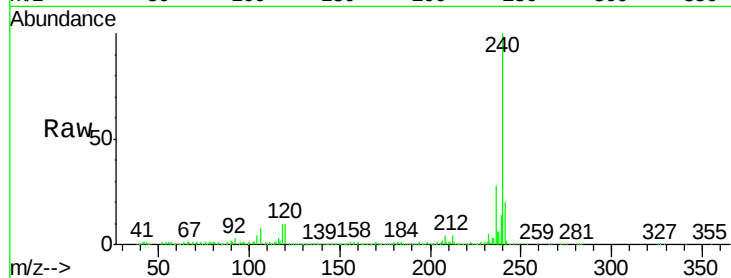




#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.52 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG044463.D
 Acq: 18 Feb 2020 1:31

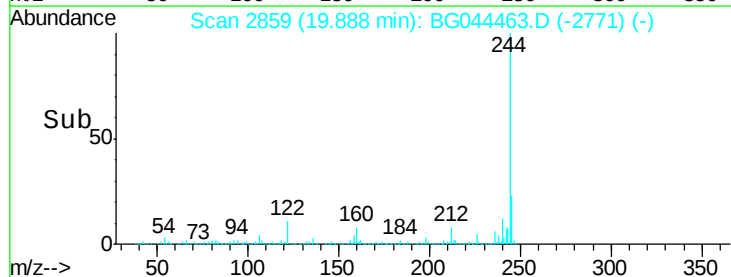
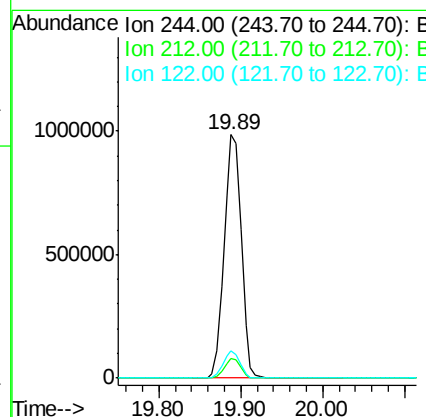
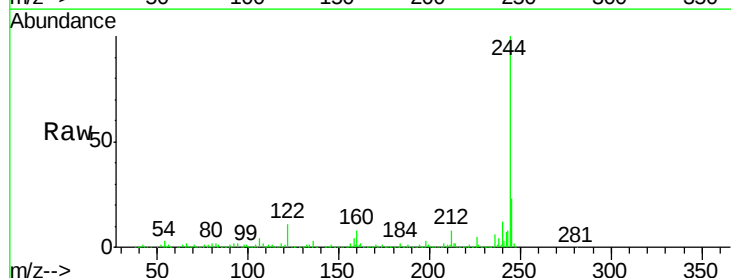
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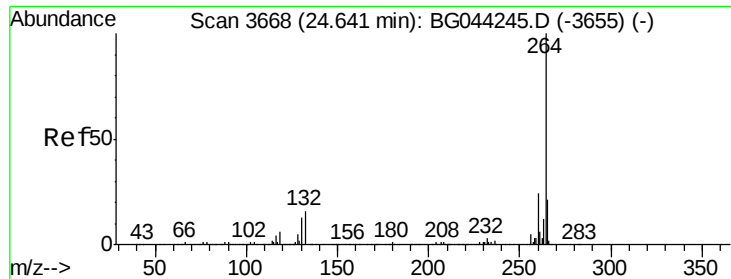
Tgt Ion:240 Resp: 412056
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.4 12.6
 236 27.6 22.1 33.1



#79
 Terphenyl-d14
 Concen: 71.80 ng
 RT: 19.89 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BG044463.D
 Acq: 18 Feb 2020 1:31

Tgt Ion:244 Resp: 1438290
 Ion Ratio Lower Upper
 244 100
 212 8.1 7.4 11.2
 122 11.4 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: BG044463.D
Acq: 18 Feb 2020 1:31

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 264 Resp: 440769
Ion Ratio Lower Upper
264 100
260 25.4 19.4 29.2
265 22.0 16.7 25.1

