

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021720\
 Data File : BG044454.D
 Acq On : 17 Feb 2020 19:39
 Operator : CG/JU
 Sample : L1546-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 INDIAN-ISLAND-(1)

Quant Time: Feb 18 06:19:54 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

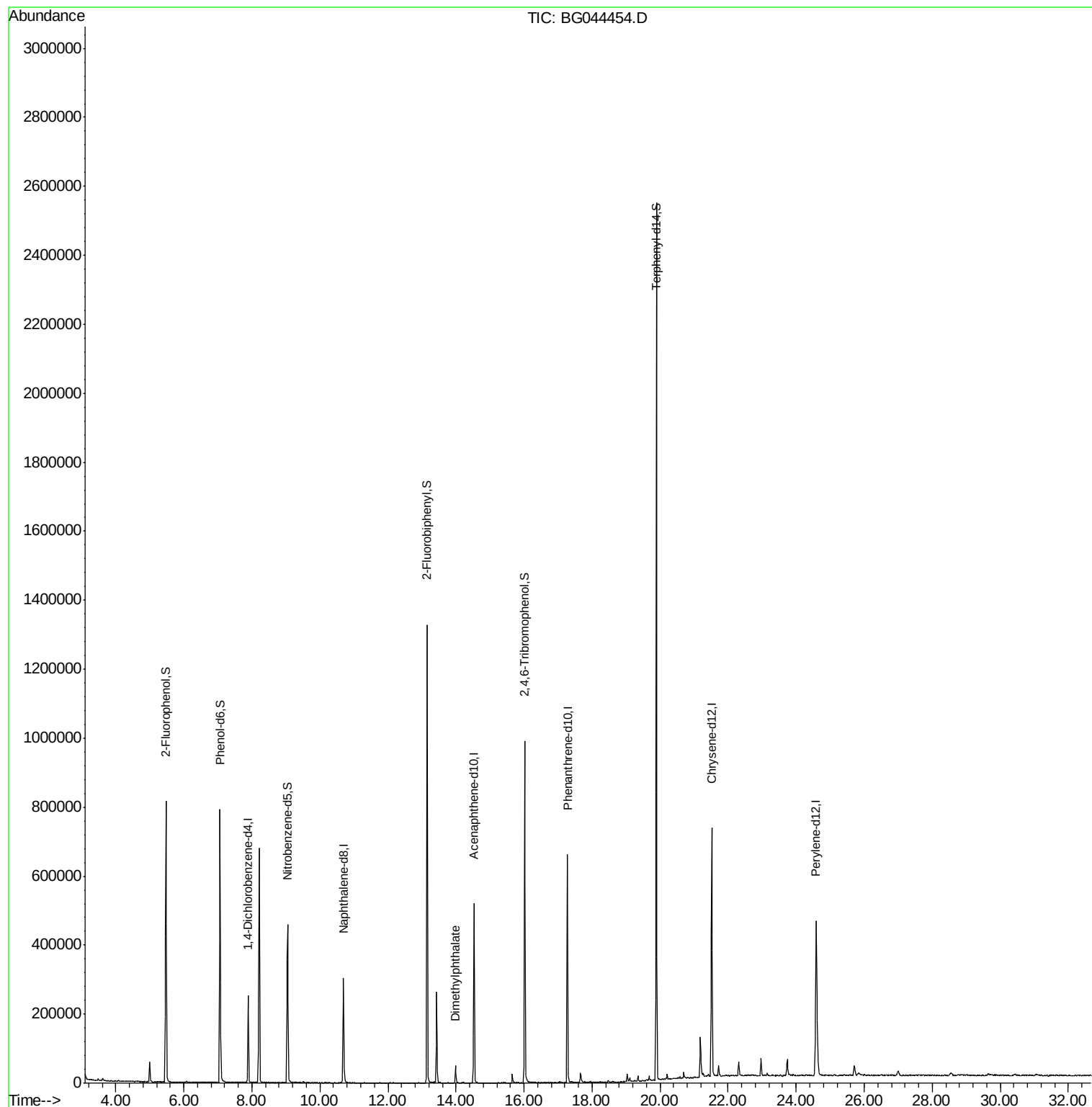
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	75486	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	295726	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	189832	20.00	ng	-0.01
64) Phenanthrene-d10	17.27	188	432157	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	437296	20.00	ng	-0.02
87) Perylene-d12	24.59	264	459635	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	408877	95.59	ng	0.00
7) Phenol-d6	7.06	99	529282	92.15	ng	-0.01
23) Nitrobenzene-d5	9.05	82	315104	60.16	ng	-0.01
42) 2,4,6-Tribromophenol	16.02	330	208321	93.48	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	732230	64.59	ng	-0.01
79) Terphenyl-d14	19.89	244	1222811	57.52	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.98	163	41783	3.06	ng	Qvalue 99

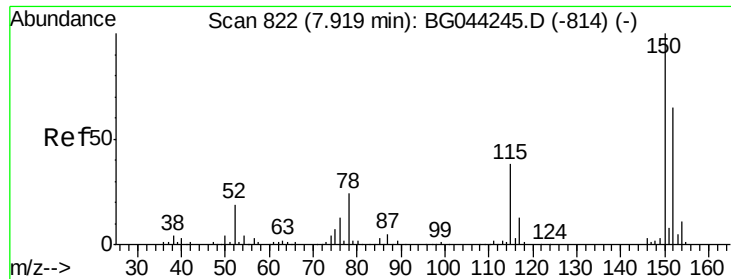
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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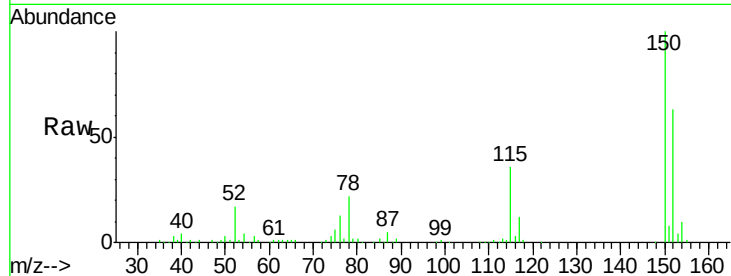


#1

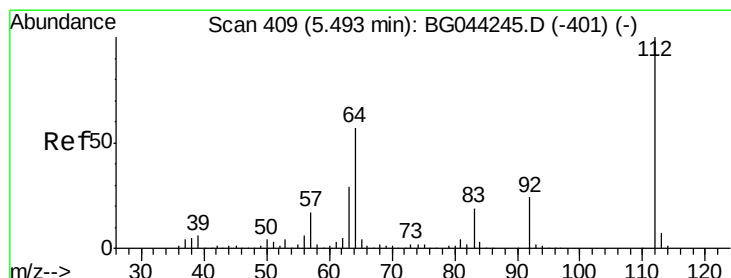
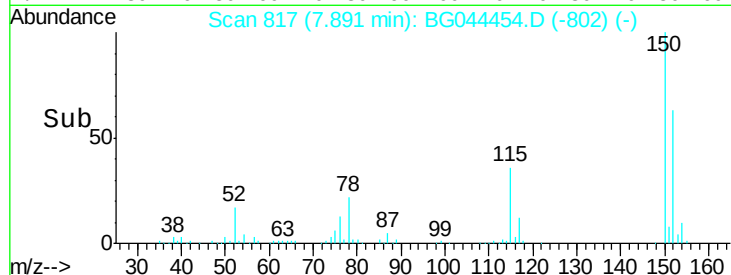
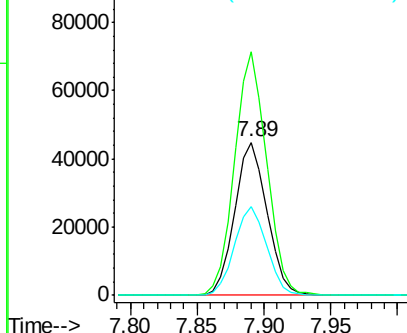
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG044454.D
Acq: 17 Feb 2020 19:39

Instrument :
BNA_G
ClientSampleId :
INDIAN-ISLAND-(1)

Tgt Ion:152 Resp: 75486
Ion Ratio Lower Upper
152 100
150 159.1 122.6 183.8
115 57.8 46.0 69.0



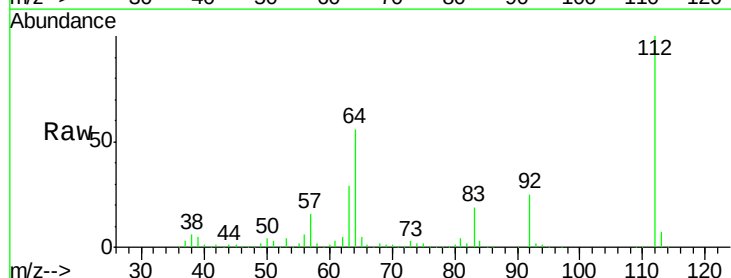
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



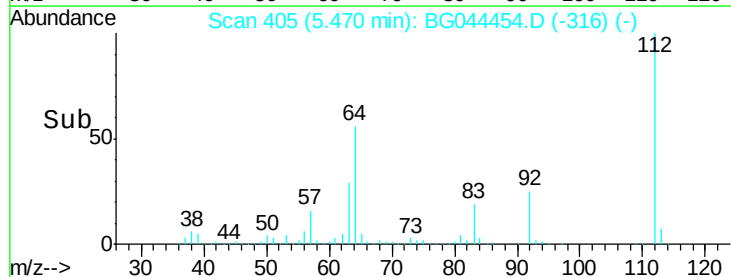
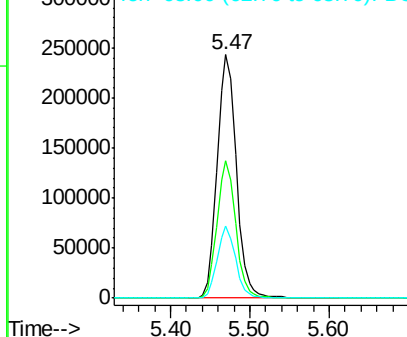
#5

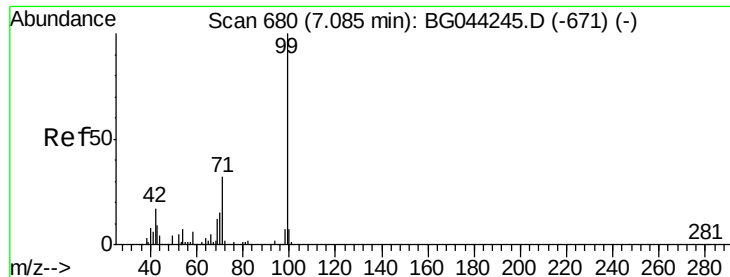
2-Fluorophenol
Concen: 95.59 ng
RT: 5.47 min Scan# 405
Delta R.T. -0.01 min
Lab File: BG044454.D
Acq: 17 Feb 2020 19:39

Tgt Ion:112 Resp: 408877
Ion Ratio Lower Upper
112 100
64 56.2 45.4 68.2
63 29.5 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: 92.15 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG044454.D

Acq: 17 Feb 2020 19:39

Instrument :

BNA_G

ClientSampleId :

INDIAN-ISLAND-(1)

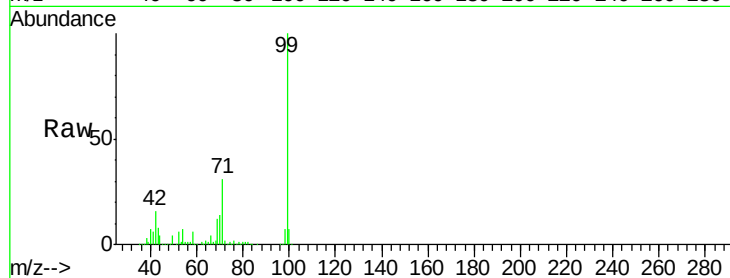
Tgt Ion: 99 Resp: 529282

Ion Ratio Lower Upper

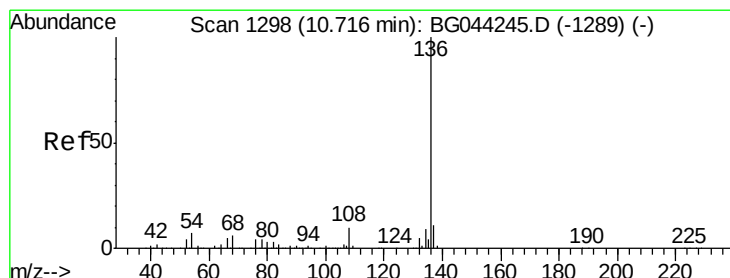
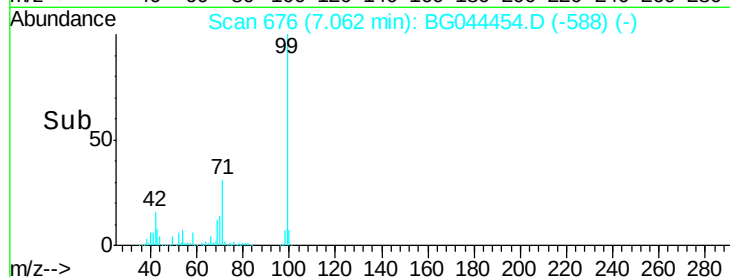
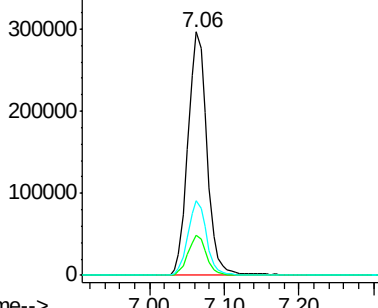
99 100

42 16.4 13.8 20.6

71 30.6 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# 1294

Delta R.T. -0.01 min

Lab File: BG044454.D

Acq: 17 Feb 2020 19:39

Tgt Ion: 136 Resp: 295726

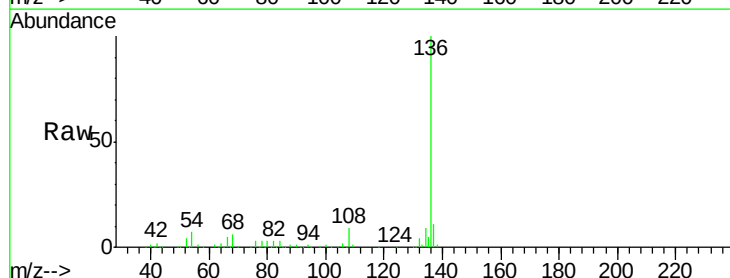
Ion Ratio Lower Upper

136 100

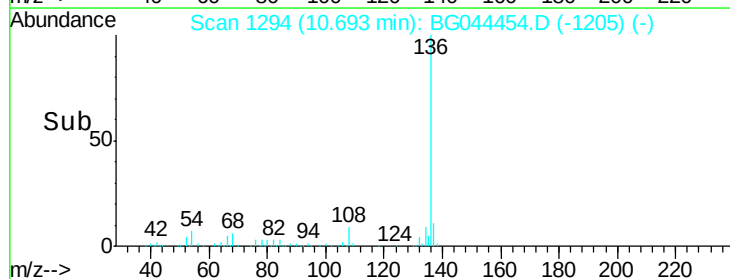
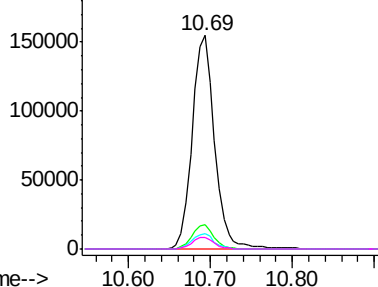
137 11.2 8.8 13.2

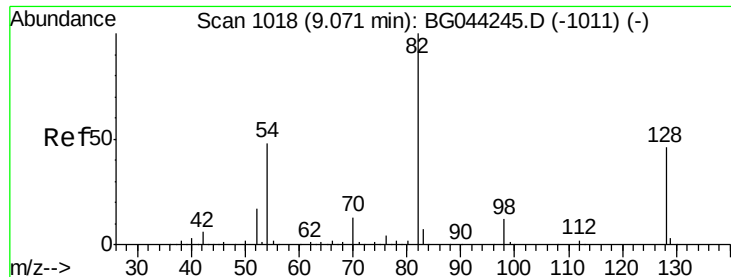
54 6.9 5.8 8.8

68 5.7 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

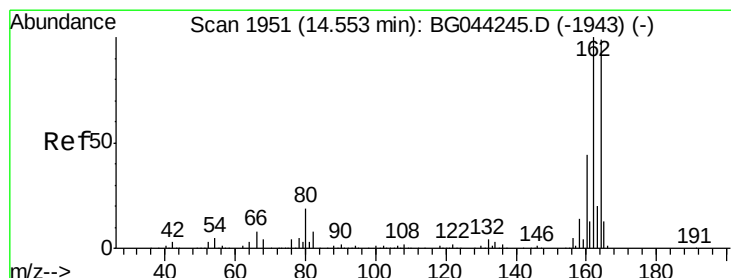
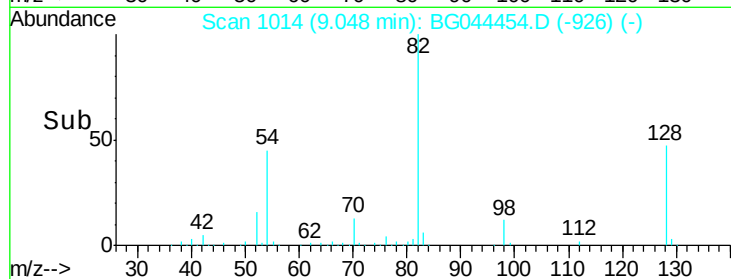
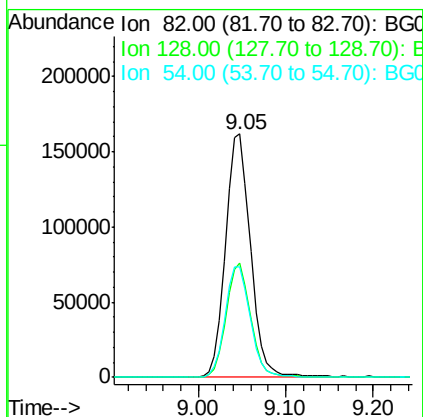
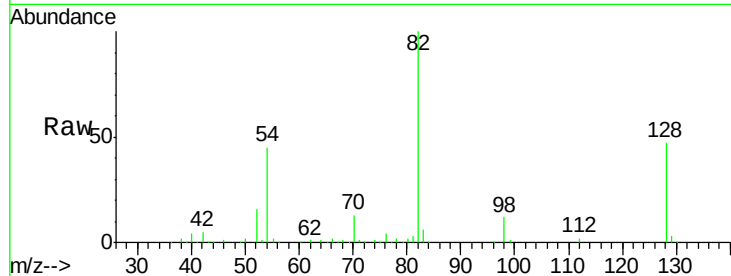




#23
 Nitrobenzene-d5
 Concen: 60.16 ng
 RT: 9.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG044454.D
 Acq: 17 Feb 2020 19:39

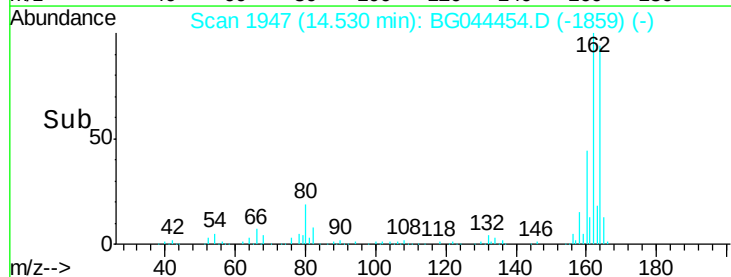
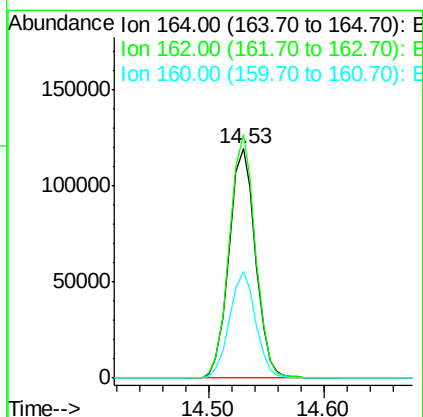
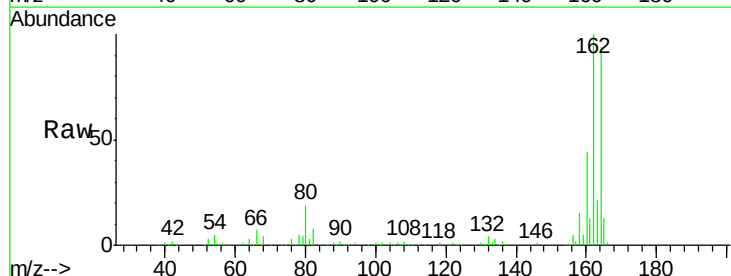
Instrument :
 BNA_G
 ClientSampleId :
 INDIAN-ISLAND-(1)

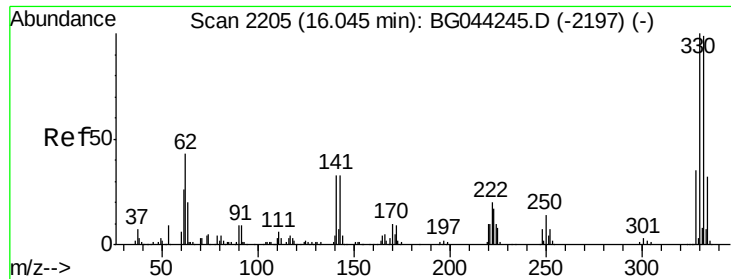
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.5	54.7
54	45.2	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG044454.D
 Acq: 17 Feb 2020 19:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	80.7	121.1
160	46.6	35.3	52.9





#42

2,4,6-Tribromophenol

Concen: 93.48 ng

RT: 16.02 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG044454.D

Acq: 17 Feb 2020 19:39

Instrument :

BNA_G

ClientSampleId :

INDIAN-ISLAND-(1)

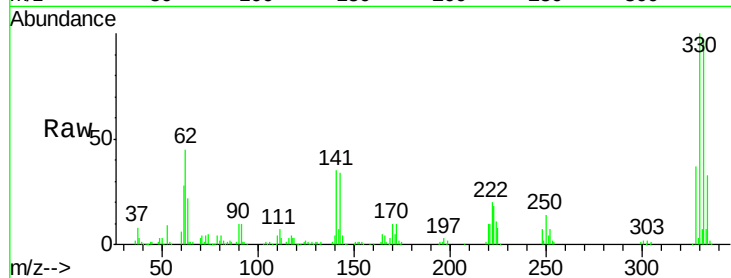
Tgt Ion:330 Resp: 208321

Ion Ratio Lower Upper

330 100

332 97.0 77.2 115.8

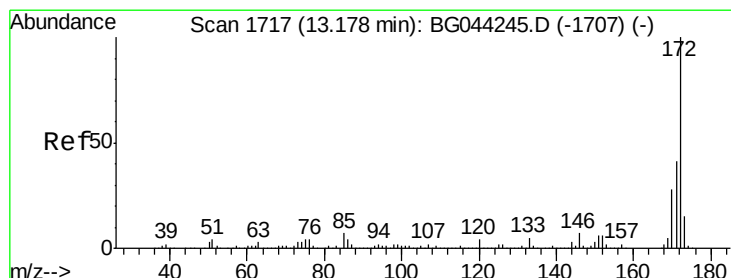
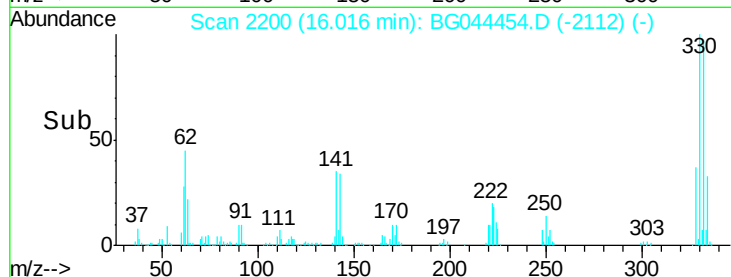
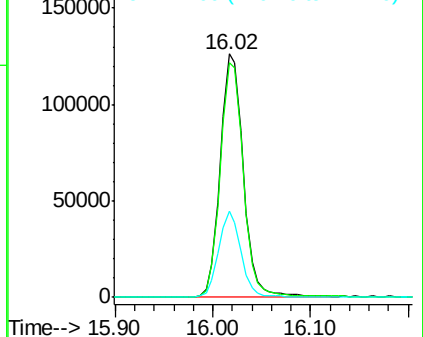
141 34.0 28.3 42.5



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: 64.59 ng

RT: 13.15 min Scan# 1712

Delta R.T. -0.01 min

Lab File: BG044454.D

Acq: 17 Feb 2020 19:39

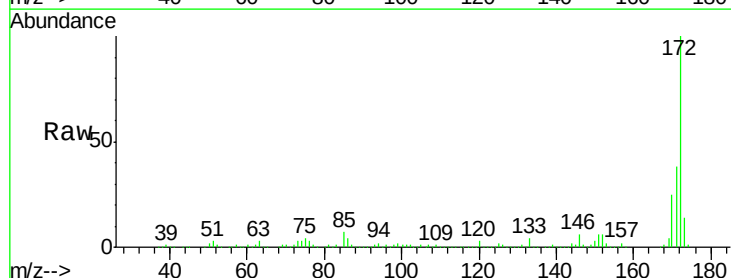
Tgt Ion:172 Resp: 732230

Ion Ratio Lower Upper

172 100

171 37.9 32.9 49.3

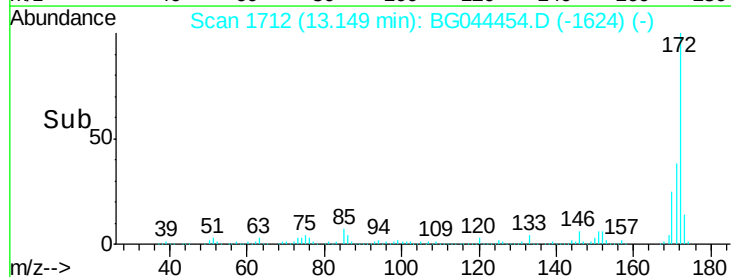
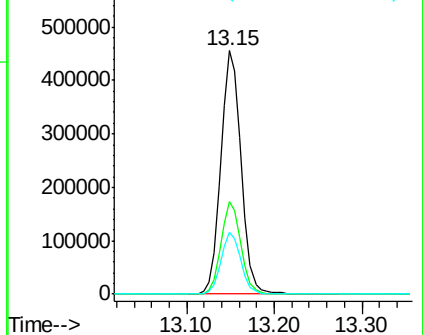
170 25.2 22.0 33.0

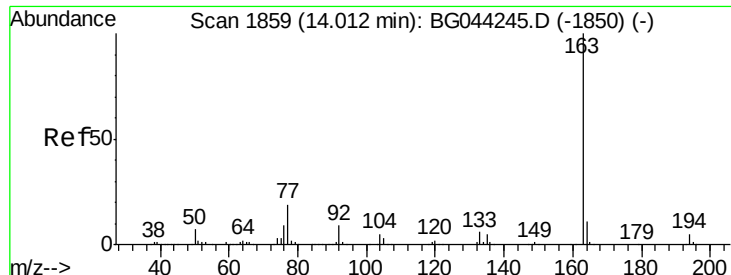


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.06 ng

RT: 13.98 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG044454.D

Acq: 17 Feb 2020 19:39

Instrument :

BNA_G

ClientSampleId :

INDIAN-ISLAND-(1)

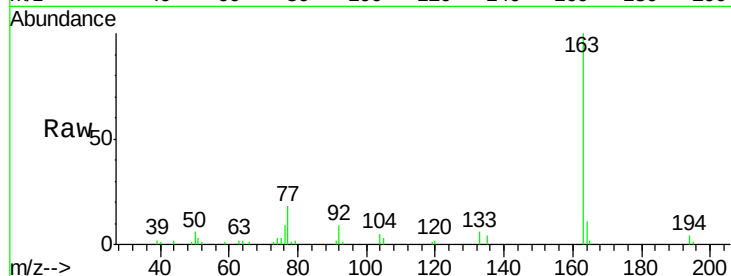
Tgt Ion:163 Resp: 41783

Ion Ratio Lower Upper

163 100

194 3.6 3.6 5.4

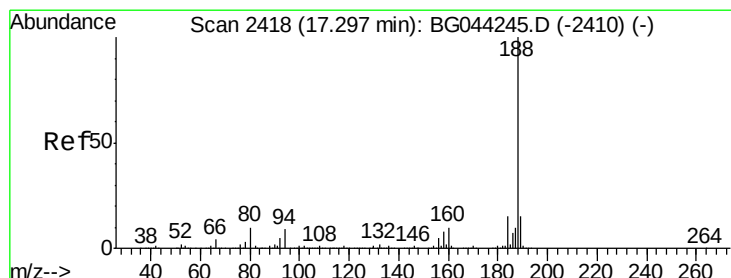
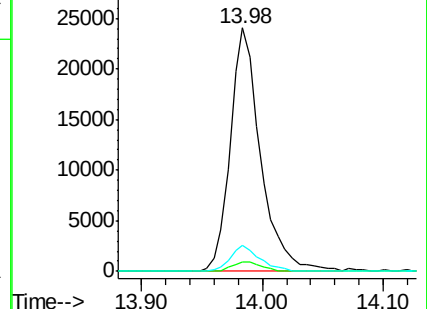
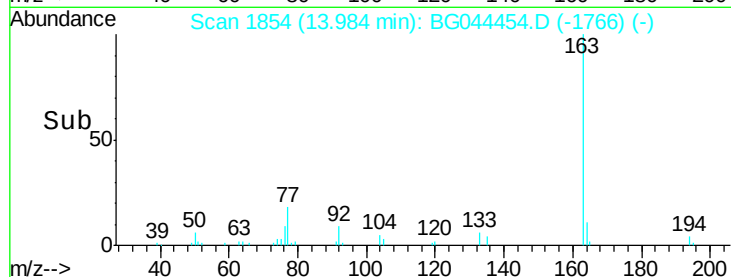
164 10.6 8.7 13.1



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: BG044454.D

Acq: 17 Feb 2020 19:39

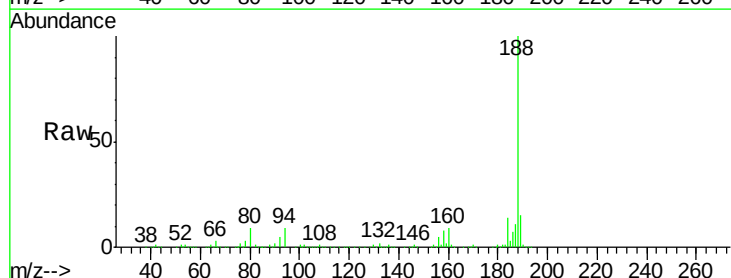
Tgt Ion:188 Resp: 432157

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

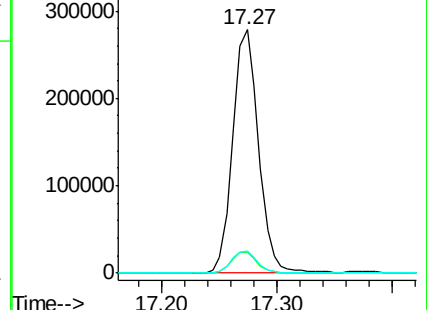
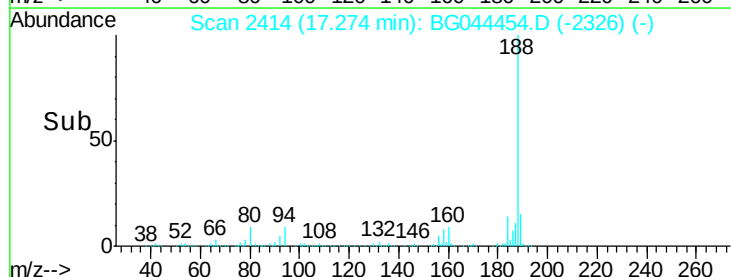
80 9.0 7.7 11.5

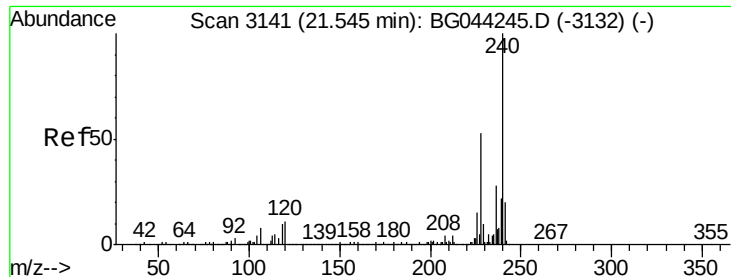


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

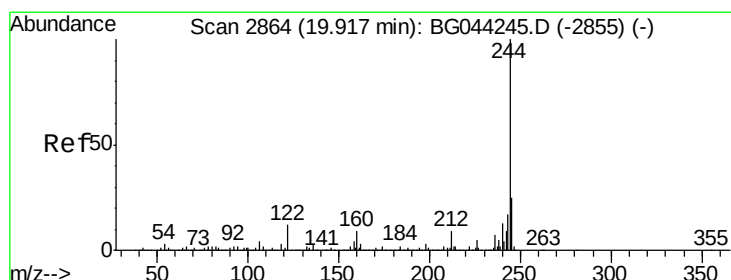
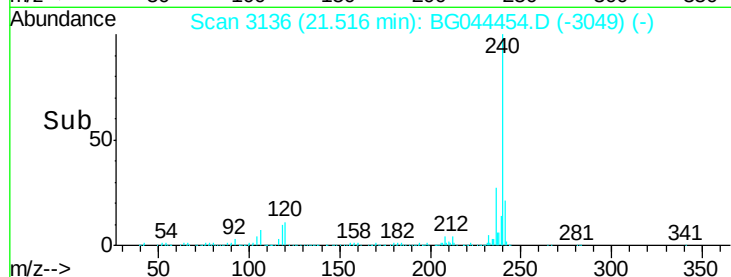
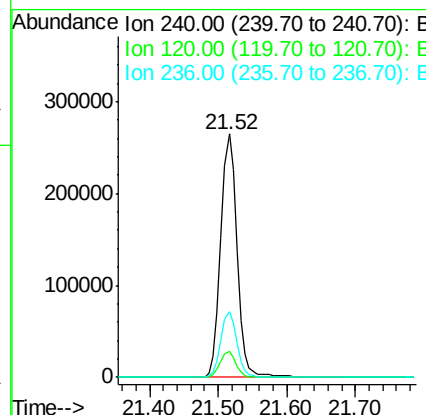
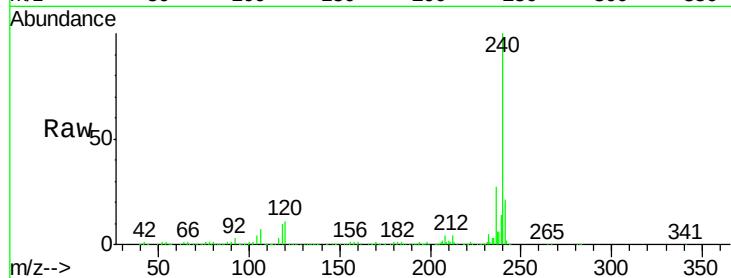




#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.52 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG044454.D
 Acq: 17 Feb 2020 19:39

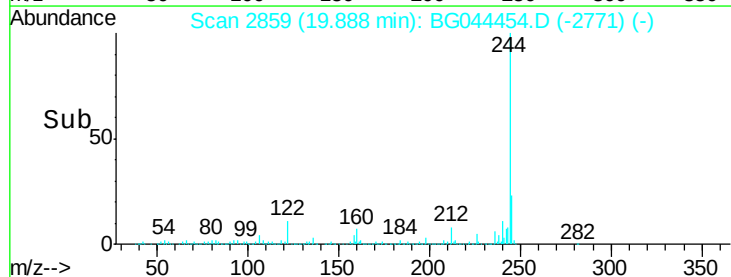
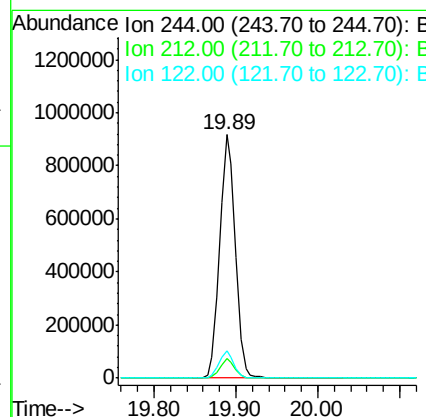
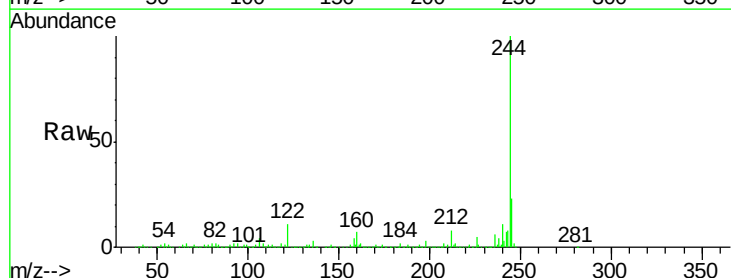
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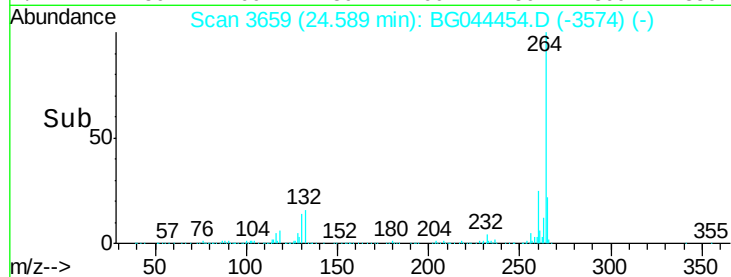
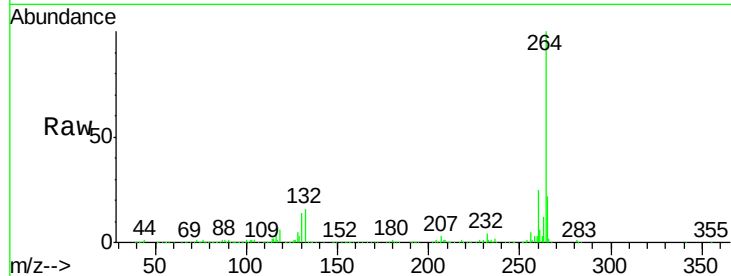
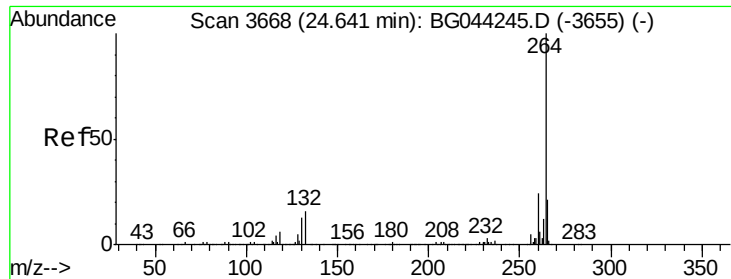
Tgt Ion:240 Resp: 437296
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.4 12.6
 236 26.8 22.1 33.1



#79
 Terphenyl-d14
 Concen: 57.52 ng
 RT: 19.89 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BG044454.D
 Acq: 17 Feb 2020 19:39

Tgt Ion:244 Resp: 1222811
 Ion Ratio Lower Upper
 244 100
 212 7.9 7.4 11.2
 122 11.0 9.8 14.6





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.59 min Scan# 3659

Delta R.T. -0.03 min

Lab File: BG044454.D

Acq: 17 Feb 2020 19:39

Instrument :

BNA_G

ClientSampleId :

INDIAN-ISLAND-(1)

Tgt Ion:264 Resp: 459635

Ion Ratio Lower Upper

264 100

260 25.3 19.4 29.2

265 21.5 16.7 25.1

