

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021720\
 Data File : BG044464.D
 Acq On : 18 Feb 2020 2:10
 Operator : CG/JU
 Sample : L1546-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 INDIAN-ISLAND-(9)

Quant Time: Feb 18 06:46:19 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

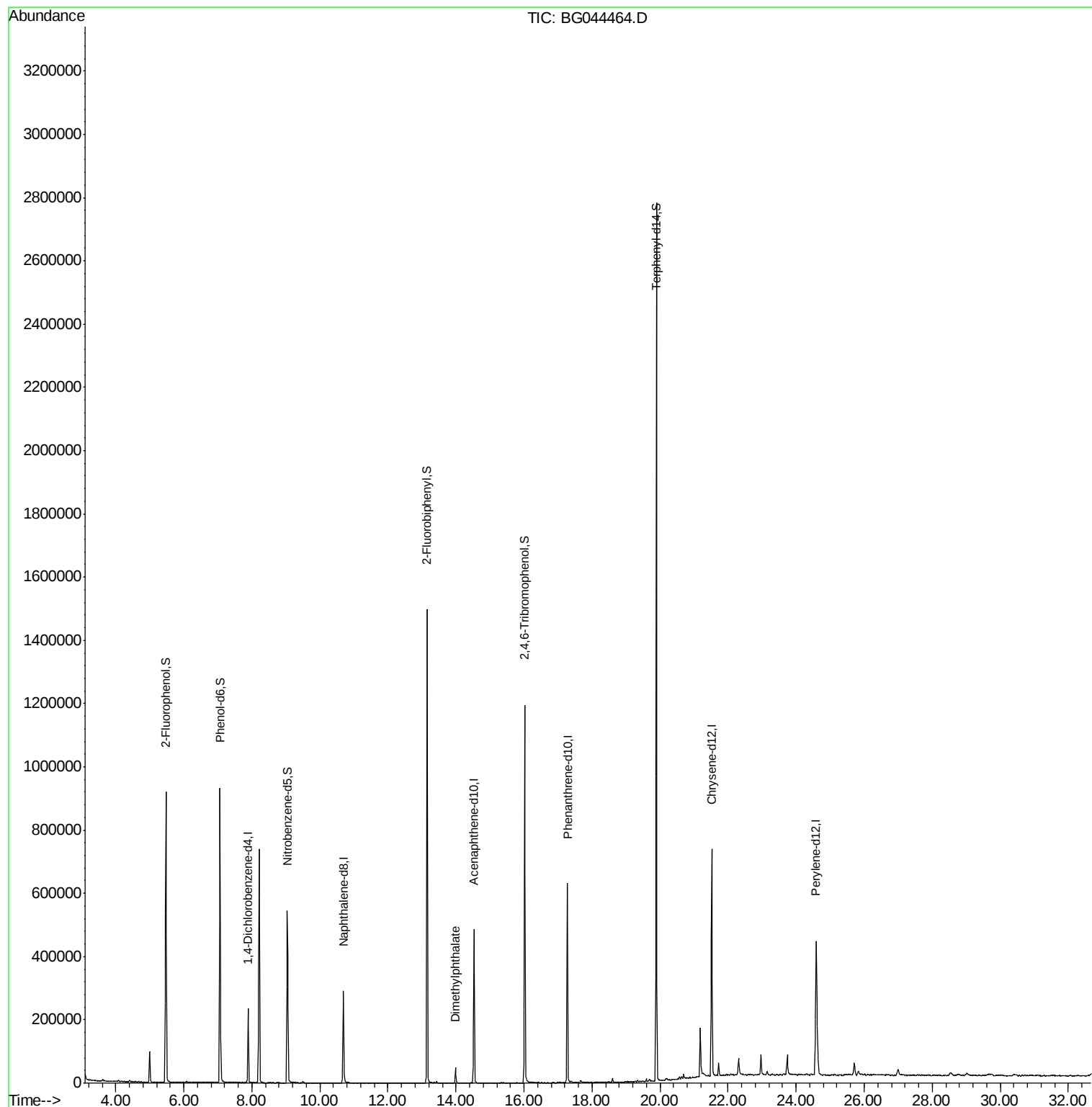
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	72108	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	283709	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	182518	20.00	ng	-0.01
64) Phenanthrene-d10	17.27	188	404013	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	413995	20.00	ng	-0.02
87) Perylene-d12	24.59	264	437181	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	456903	111.83	ng	0.00
7) Phenol-d6	7.06	99	610933	111.35	ng	-0.01
23) Nitrobenzene-d5	9.04	82	371240	73.87	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	248692	116.07	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	822880	75.50	ng	-0.01
79) Terphenyl-d14	19.89	244	1293077	64.24	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.98	163	39566	3.02	ng	Qvalue 98

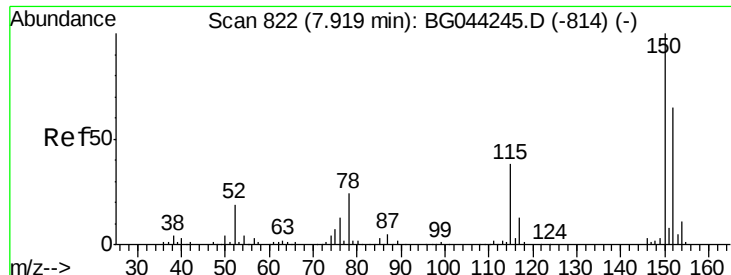
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG044464.D

Acq: 18 Feb 2020 2:10

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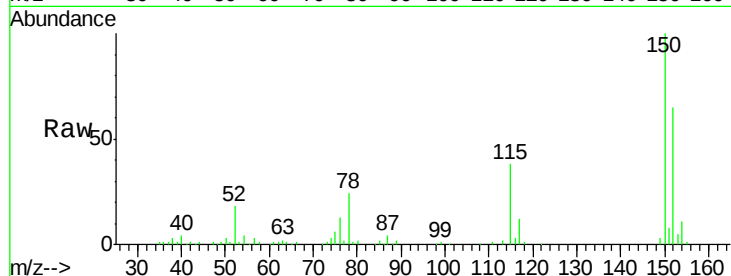
Tgt Ion:152 Resp: 72108

Ion Ratio Lower Upper

152 100

150 153.5 122.6 183.8

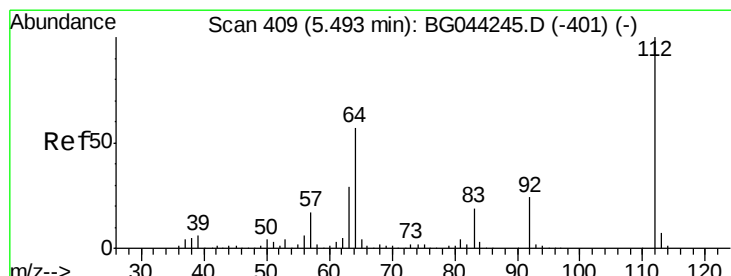
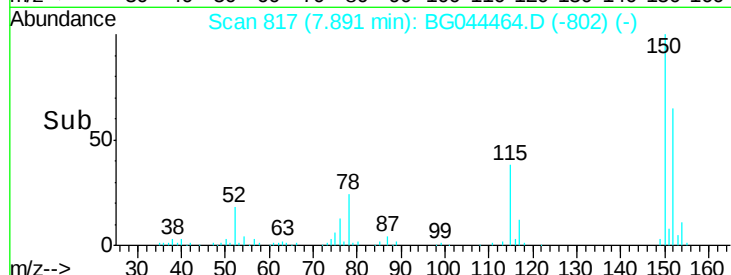
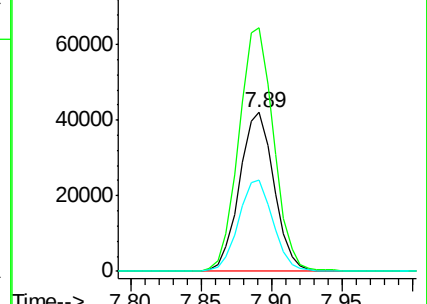
115 57.8 46.0 69.0



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: 111.83 ng

RT: 5.47 min Scan# 405

Delta R.T. -0.01 min

Lab File: BG044464.D

Acq: 18 Feb 2020 2:10

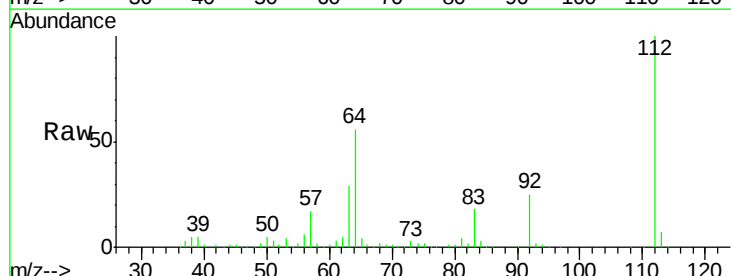
Tgt Ion:112 Resp: 456903

Ion Ratio Lower Upper

112 100

64 55.8 45.4 68.2

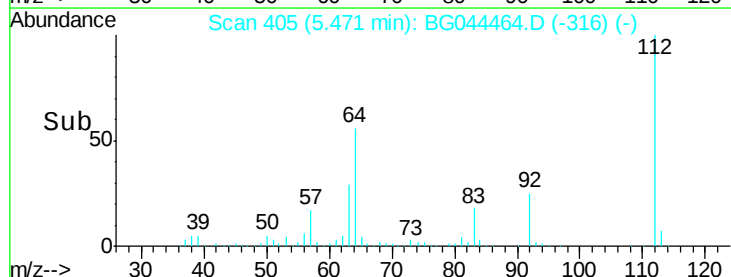
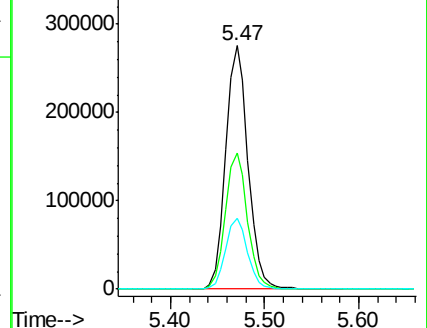
63 29.1 22.9 34.3

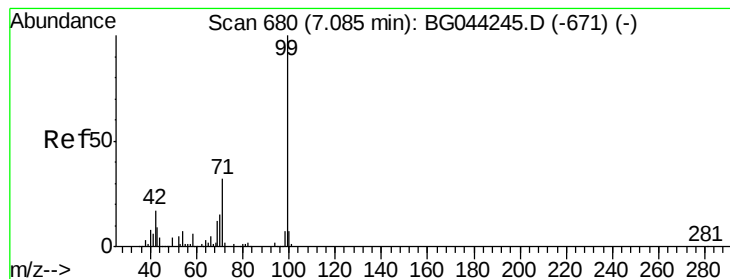


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 111.35 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG044464.D

Acq: 18 Feb 2020 2:10

Instrument :

BNA_G

ClientSampleId :

INDIAN-ISLAND-(9)

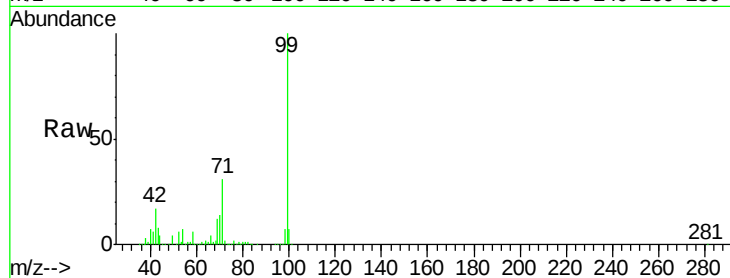
Tgt Ion: 99 Resp: 610933

Ion Ratio Lower Upper

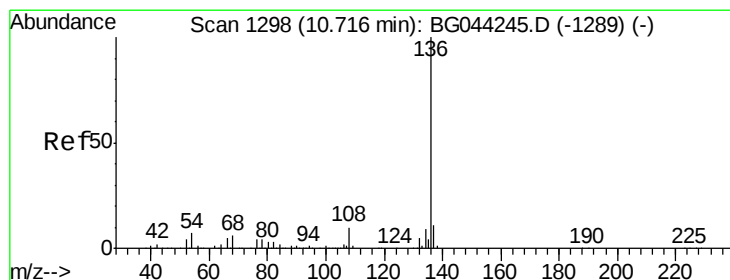
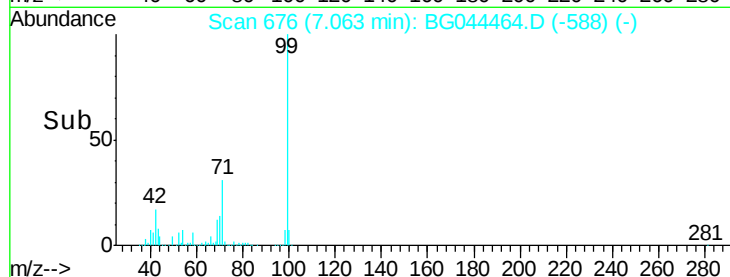
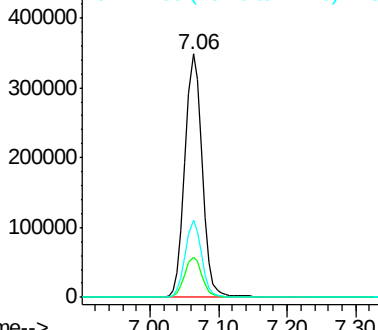
99 100

42 16.6 13.8 20.6

71 31.5 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: BG044464.D

Acq: 18 Feb 2020 2:10

Tgt Ion: 136 Resp: 283709

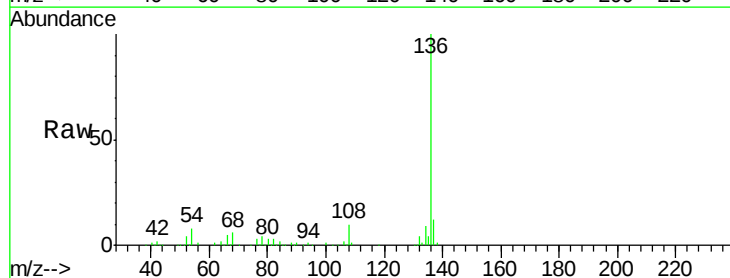
Ion Ratio Lower Upper

136 100

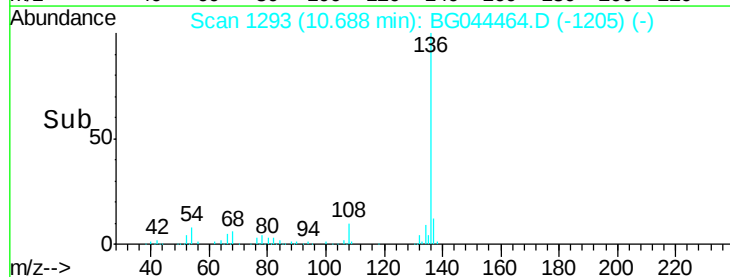
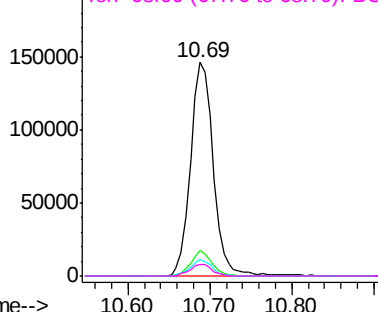
137 11.7 8.8 13.2

54 7.9 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

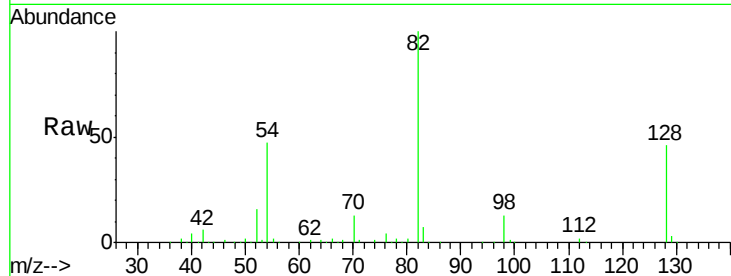




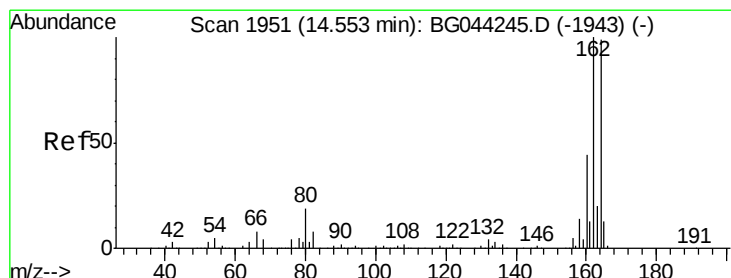
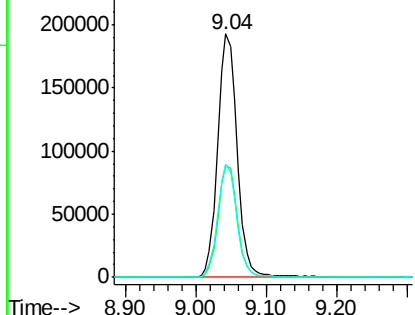
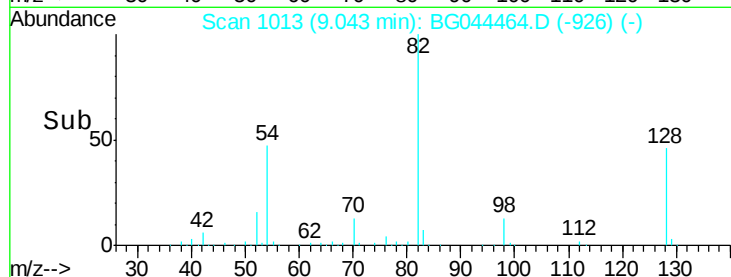
#23
 Nitrobenzene-d5
 Concen: 73.87 ng
 RT: 9.04 min Scan# 1013
 Delta R.T. -0.02 min
 Lab File: BG044464.D
 Acq: 18 Feb 2020 2:10

Instrument :
 BNA_G
 ClientSampleId :
 INDIAN-ISLAND-(9)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.5	54.7
54	46.6	38.6	58.0

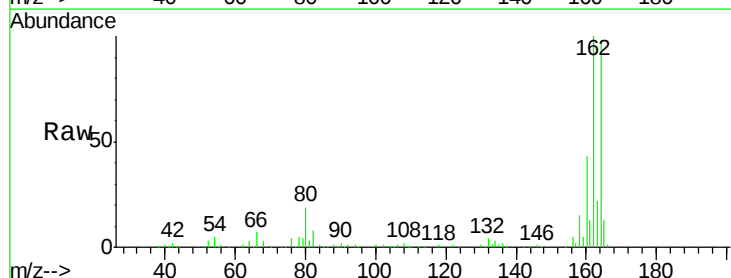


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

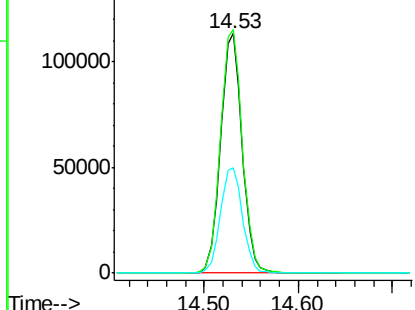
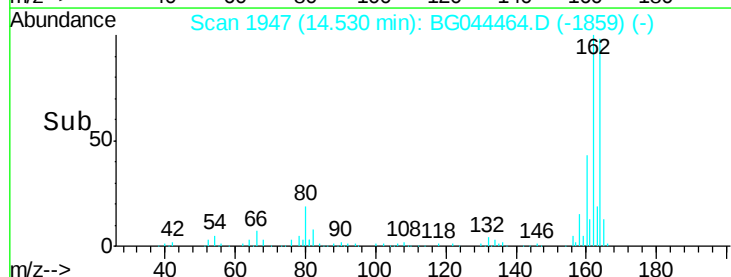


#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.53 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG044464.D
 Acq: 18 Feb 2020 2:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.7	121.1
160	43.8	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

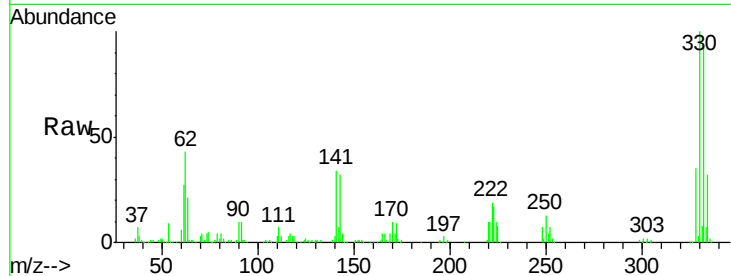




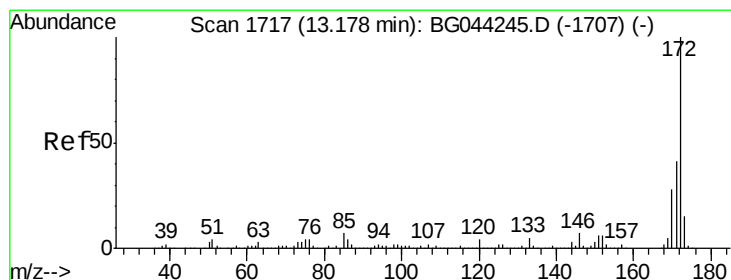
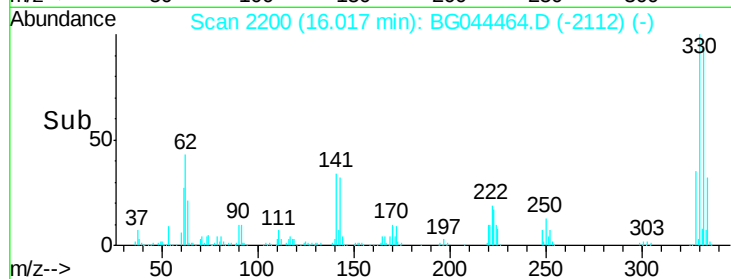
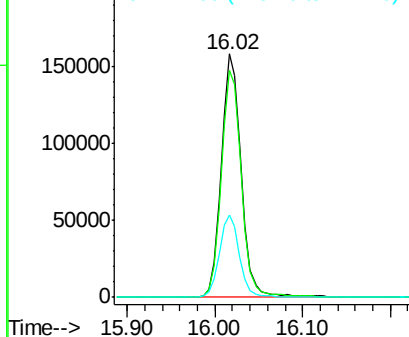
#42
 2,4,6-Tribromophenol
 Concen: 116.07 ng
 RT: 16.02 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG044464.D
 Acq: 18 Feb 2020 2:10

Instrument :
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.2	115.8
141	34.2	28.3	42.5

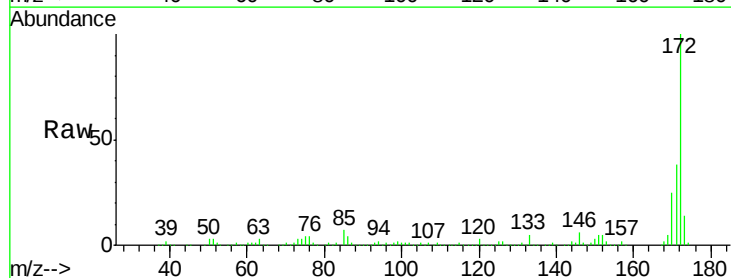


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

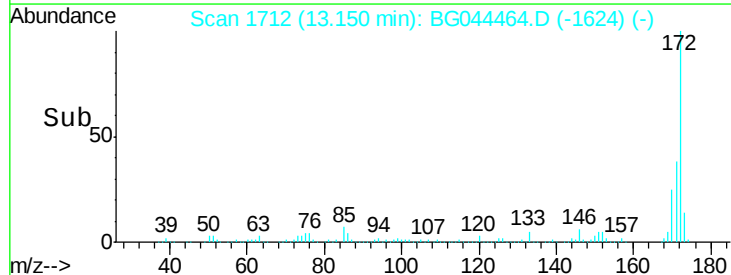
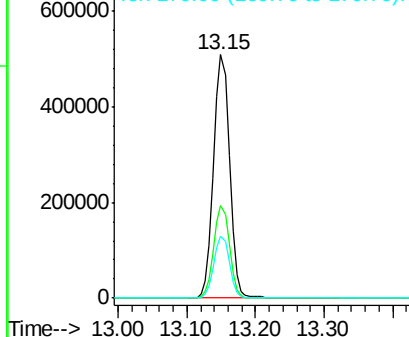


#45
 2-Fluorobiphenyl
 Concen: 75.50 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG044464.D
 Acq: 18 Feb 2020 2:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	32.9	49.3
170	25.4	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: 3.02 ng

RT: 13.98 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG044464.D

Acq: 18 Feb 2020 2:10

Instrument :

BNA_G

ClientSampleId :

INDIAN-ISLAND-(9)

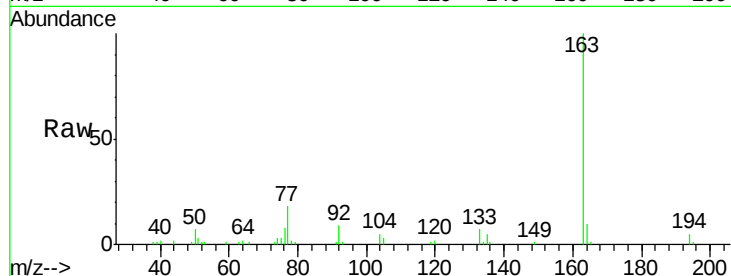
Tgt Ion:163 Resp: 39566

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

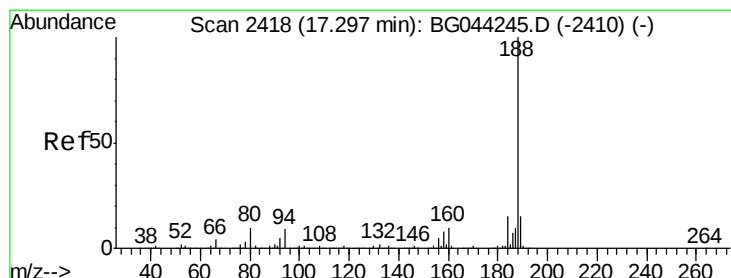
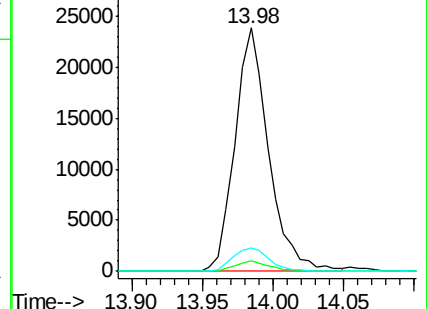
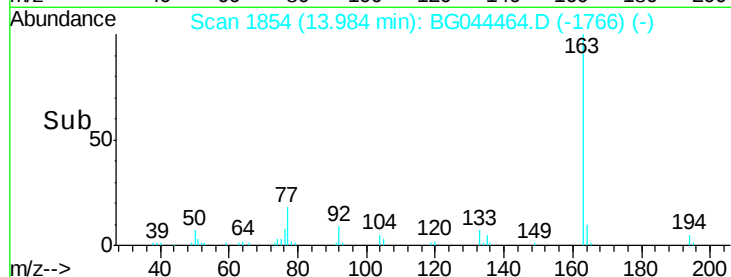
164 9.9 8.7 13.1



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. -0.01 min

Lab File: BG044464.D

Acq: 18 Feb 2020 2:10

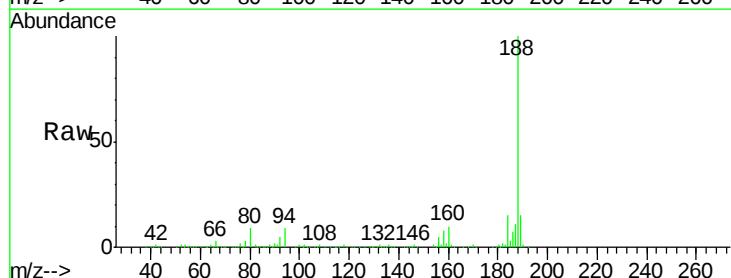
Tgt Ion:188 Resp: 404013

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

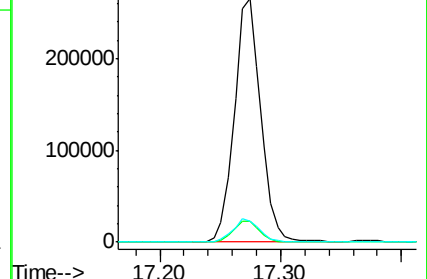
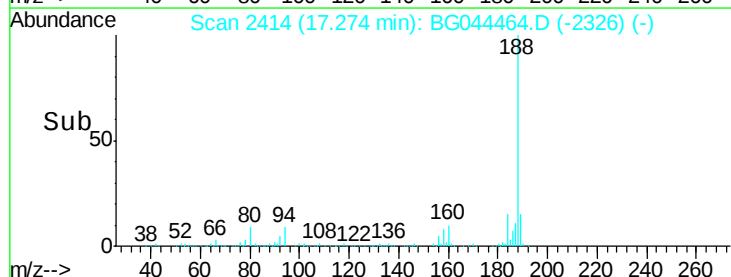
80 8.7 7.7 11.5



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

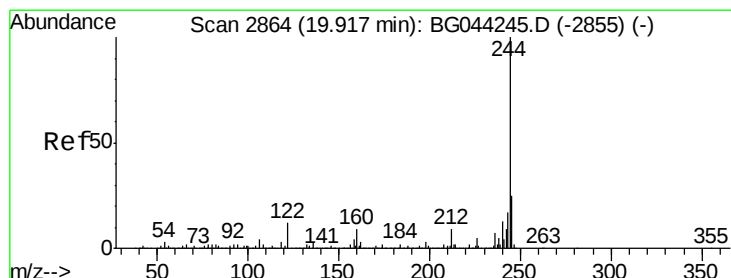
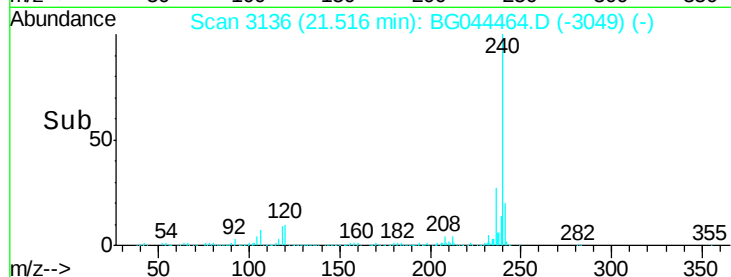
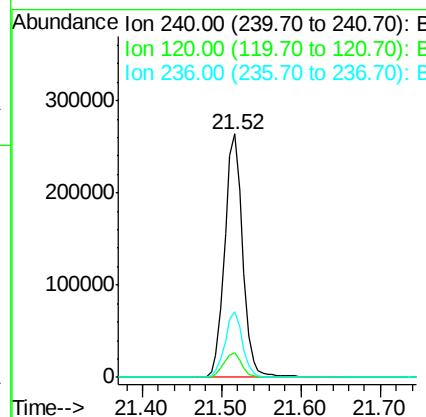
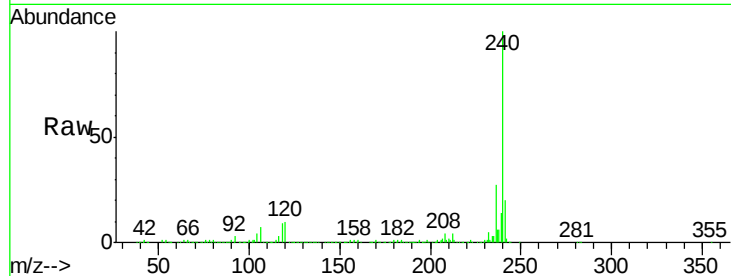




#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.52 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG044464.D
 Acq: 18 Feb 2020 2:10

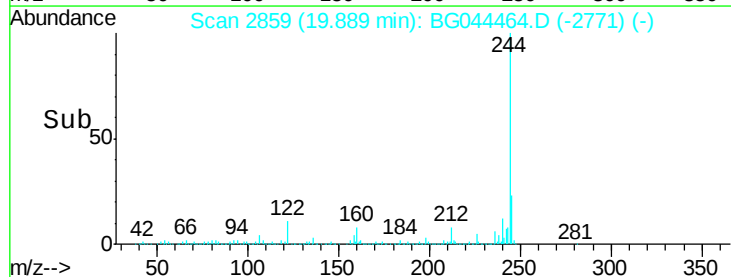
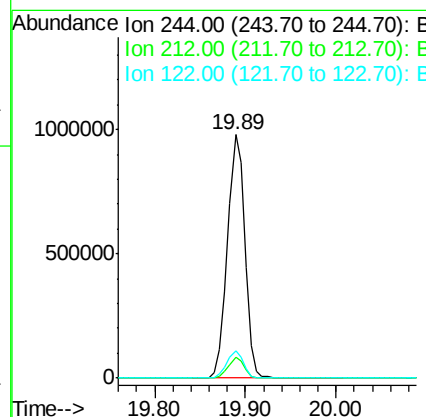
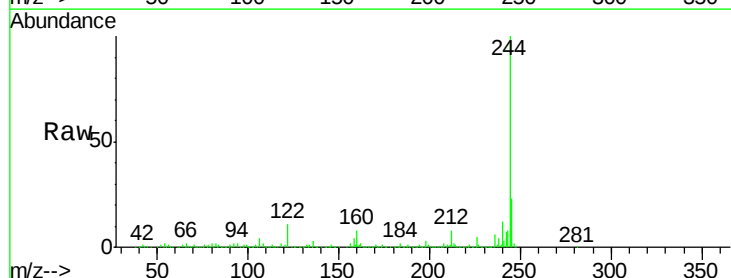
Instrument :
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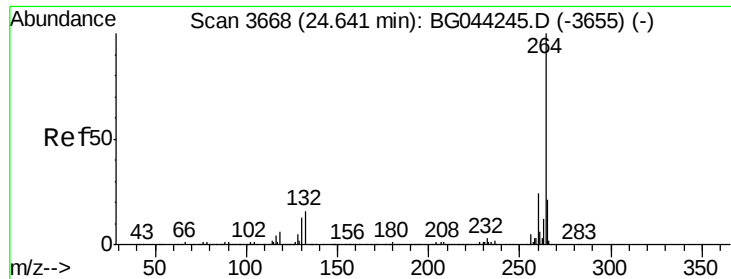
Tgt Ion:240 Resp: 413995
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.4 12.6
 236 27.2 22.1 33.1



#79
 Terphenyl-d14
 Concen: 64.24 ng
 RT: 19.89 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BG044464.D
 Acq: 18 Feb 2020 2:10

Tgt Ion:244 Resp: 1293077
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.4 11.2
 122 11.2 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: BG044464.D
Acq: 18 Feb 2020 2:10

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 264 Resp: 437181
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 21.6 16.7 25.1

