

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021720\
 Data File : BG044462.D
 Acq On : 18 Feb 2020 00:52
 Operator : CG/JU
 Sample : L1546-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 INDIAN-ISLAND-(4)

Quant Time: Feb 18 06:43:04 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

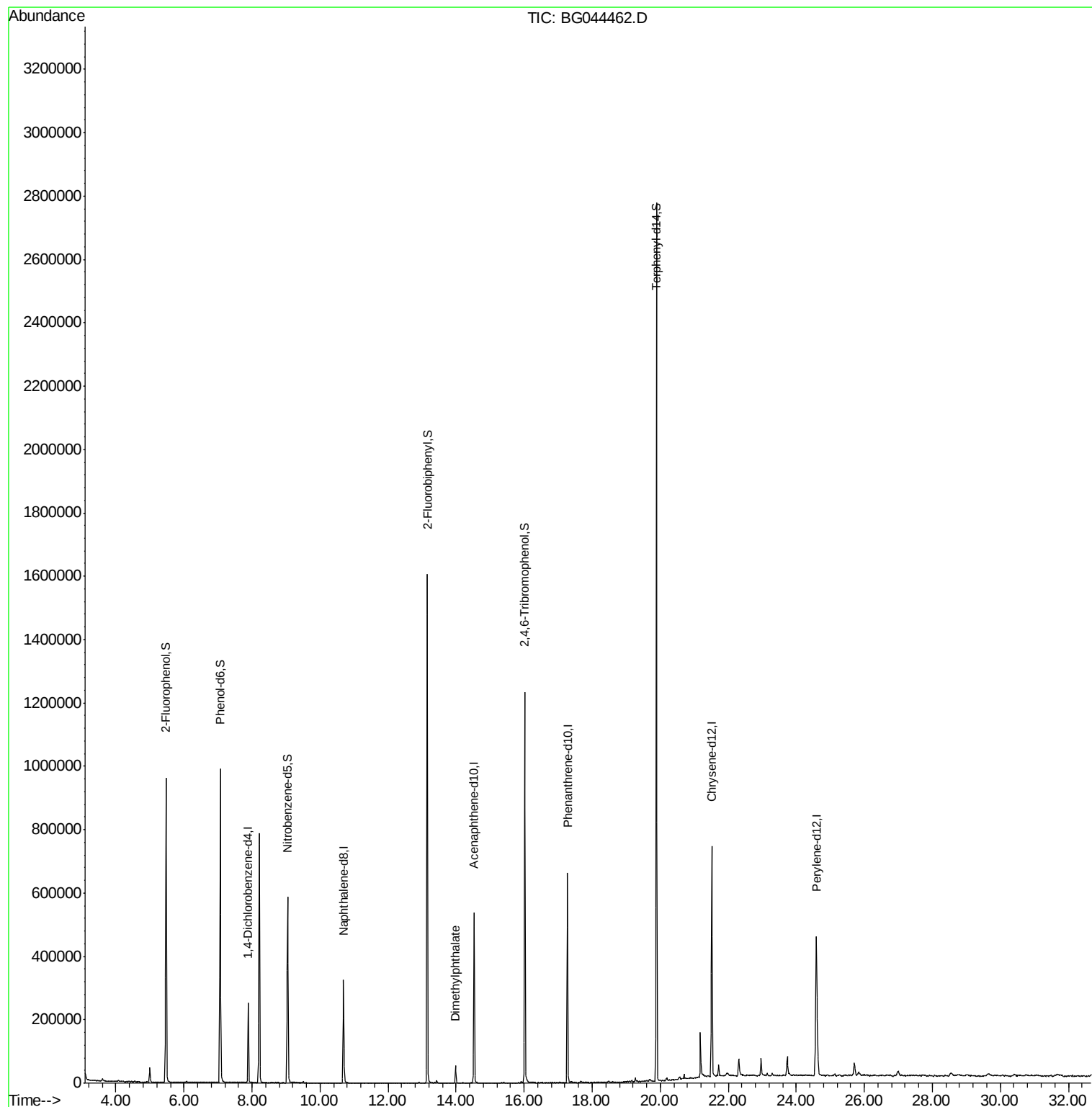
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	77244	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	303482	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	195548	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	425130	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	427338	20.00	ng	-0.02
87) Perylene-d12	24.59	264	456671	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	489401	111.82	ng	0.00
7) Phenol-d6	7.06	99	639307	108.77	ng	-0.01
23) Nitrobenzene-d5	9.04	82	383894	71.42	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	257063	111.98	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	887245	75.98	ng	-0.01
79) Terphenyl-d14	19.89	244	1374056	66.14	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.99	163	47359	3.37	ng	Qvalue 97

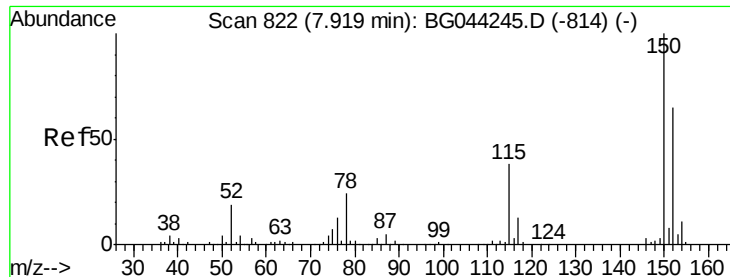
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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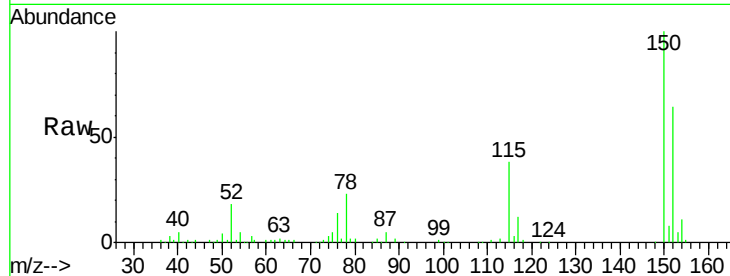


#1

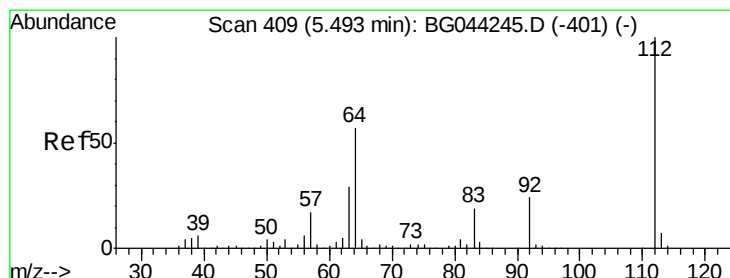
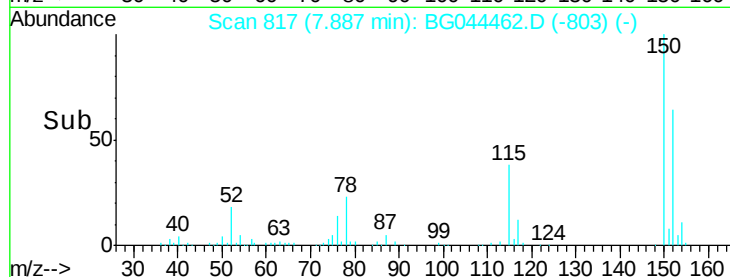
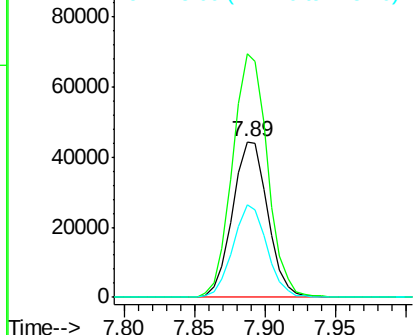
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG044462.D
Acq: 18 Feb 2020 00:52

Instrument :
BNA_G
ClientSampleId :
INDIAN-ISLAND-(4)

Tgt Ion:152 Resp: 77244
Ion Ratio Lower Upper
152 100
150 156.5 122.6 183.8
115 59.6 46.0 69.0



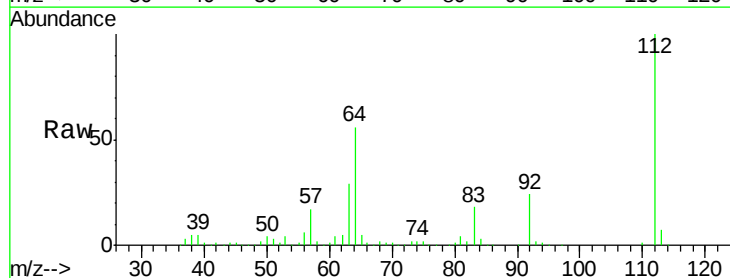
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



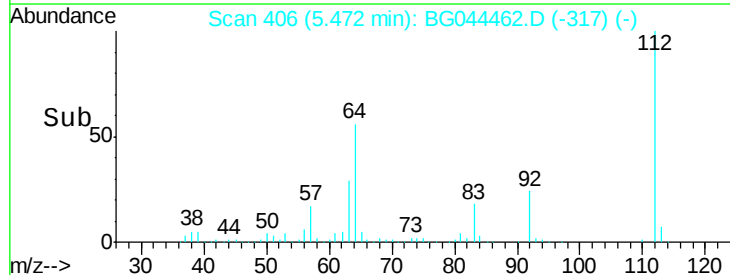
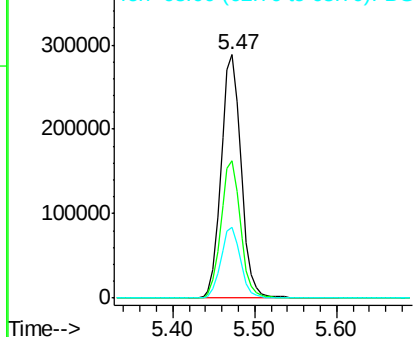
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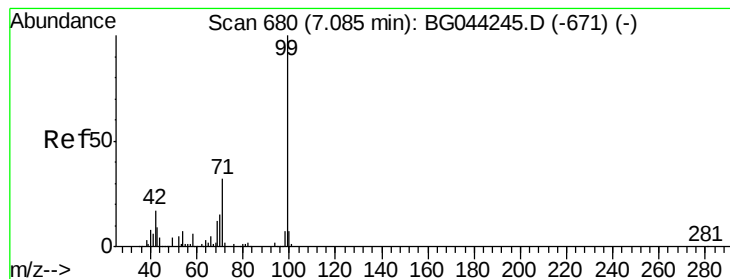
2-Fluorophenol
Concen: 111.82 ng
RT: 5.47 min Scan# 406
Delta R.T. -0.01 min
Lab File: BG044462.D
Acq: 18 Feb 2020 00:52

Tgt Ion:112 Resp: 489401
Ion Ratio Lower Upper
112 100
64 56.4 45.4 68.2
63 28.9 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: 108.77 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044462.D

Acq: 18 Feb 2020 00:52

Instrument :

BNA_G

ClientSampleId :

INDIAN-ISLAND-(4)

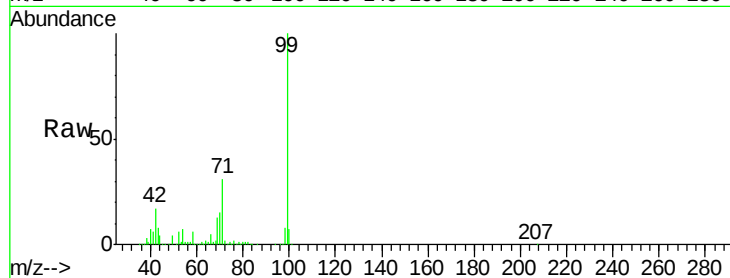
Tgt Ion: 99 Resp: 639307

Ion Ratio Lower Upper

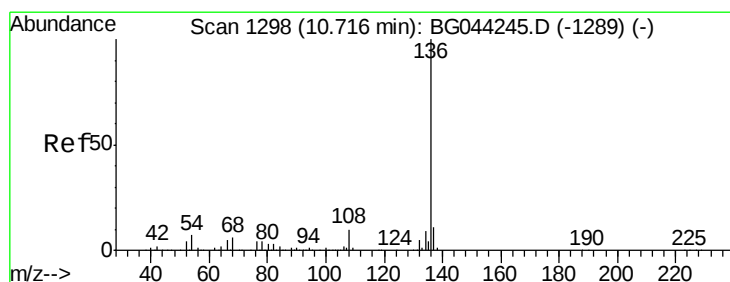
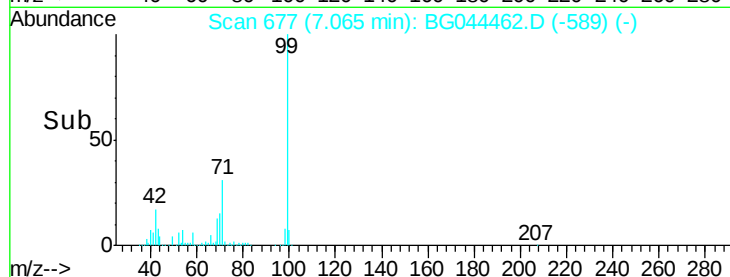
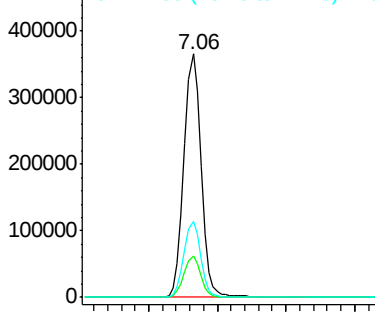
99 100

42 16.9 13.8 20.6

71 31.3 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: BG044462.D

Acq: 18 Feb 2020 00:52

Tgt Ion: 136 Resp: 303482

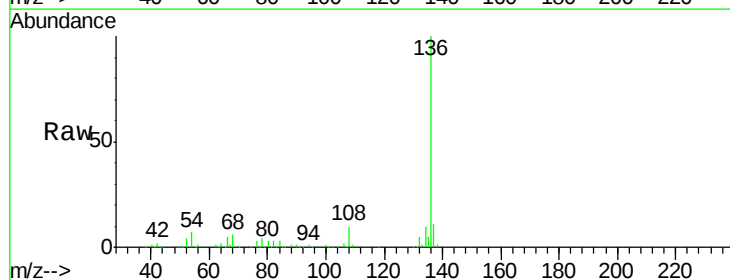
Ion Ratio Lower Upper

136 100

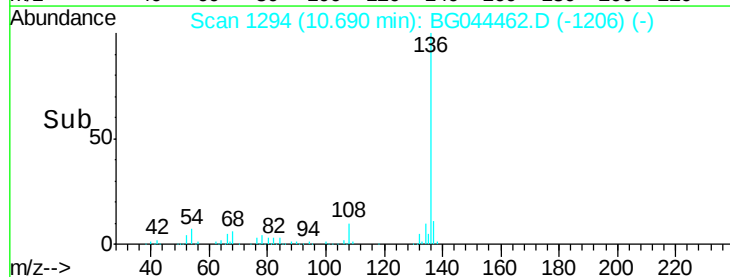
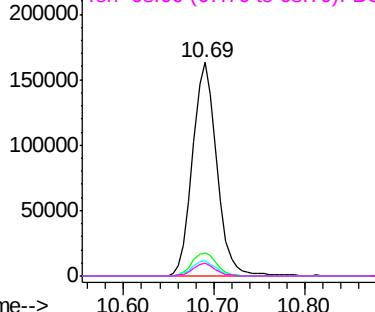
137 11.1 8.8 13.2

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

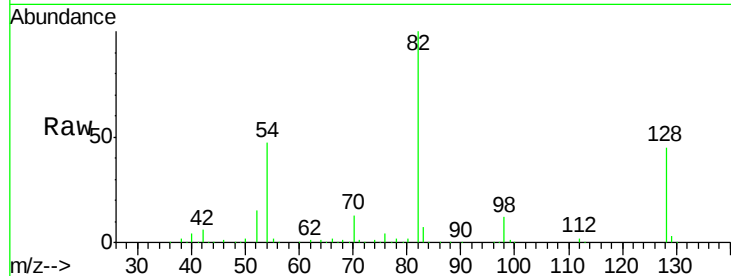




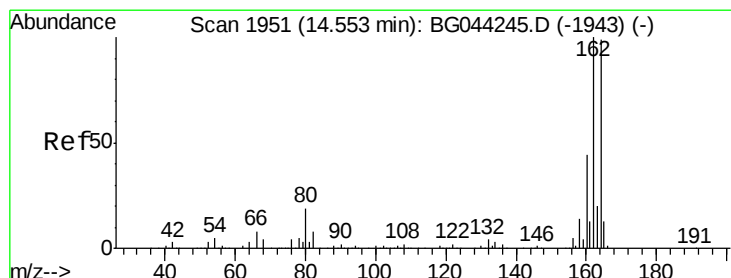
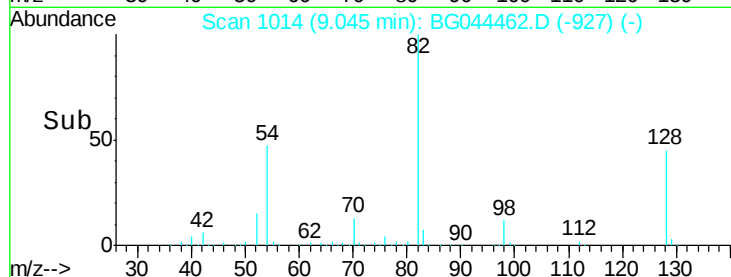
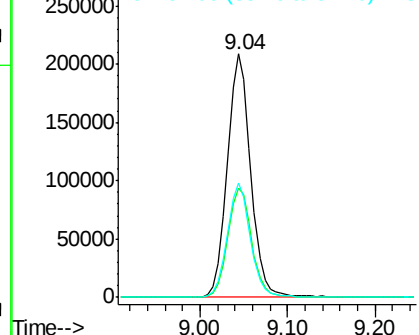
#23
Nitrobenzene-d5
Concen: 71.42 ng
RT: 9.04 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG044462.D
Acq: 18 Feb 2020 00:52

Instrument :
BNA_G
ClientSampleId :
INDIAN-ISLAND-(4)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.5	54.7
54	46.9	38.6	58.0

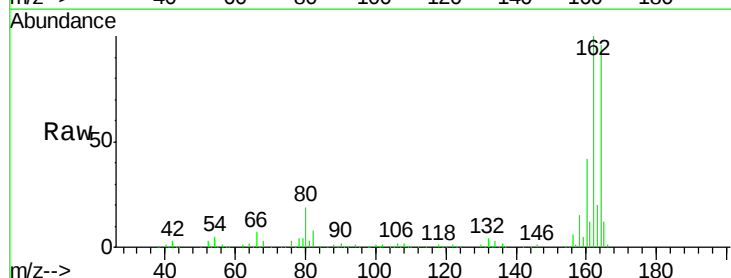


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

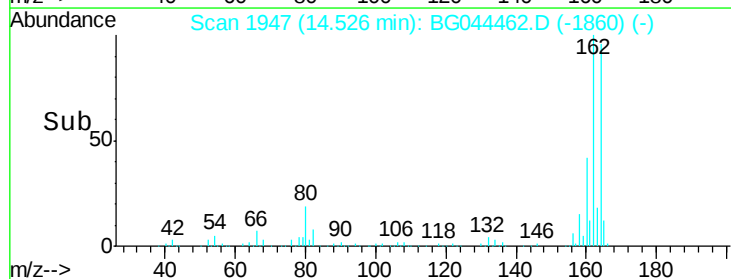
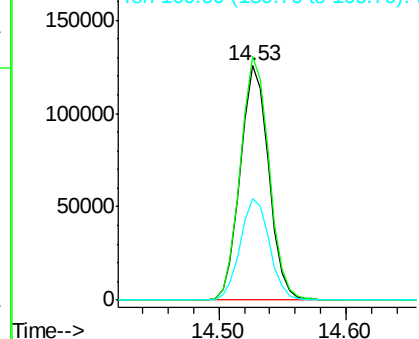


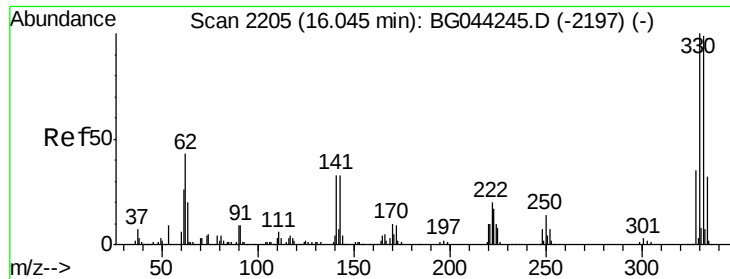
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG044462.D
Acq: 18 Feb 2020 00:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	80.7	121.1
160	43.2	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

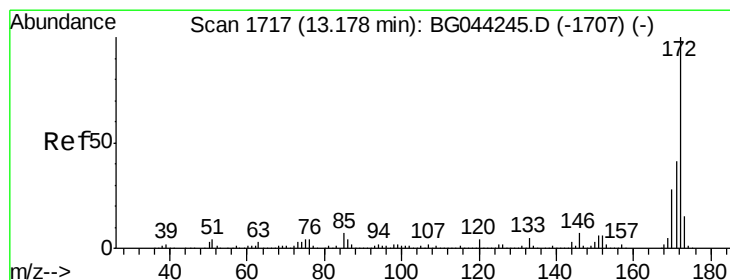
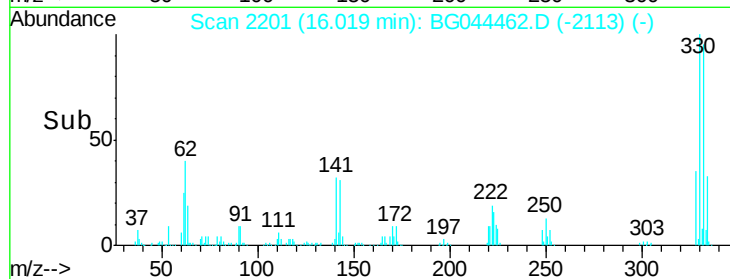
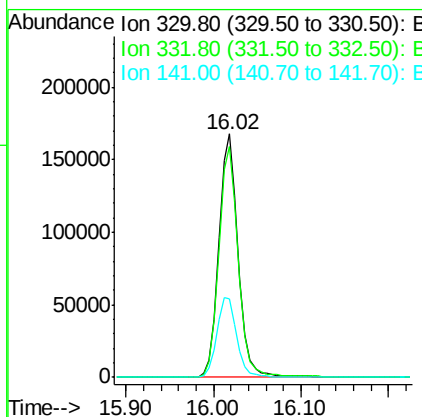
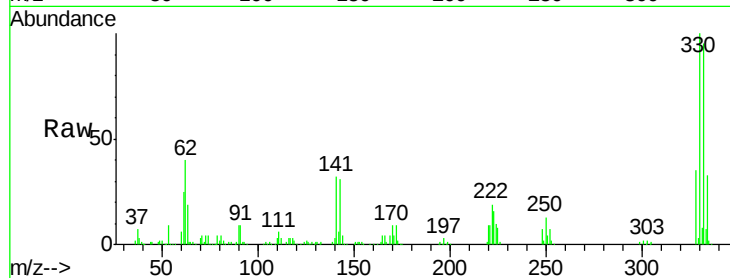




#42
 2,4,6-Tribromophenol
 Concen: 111.98 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG044462.D
 Acq: 18 Feb 2020 00:52

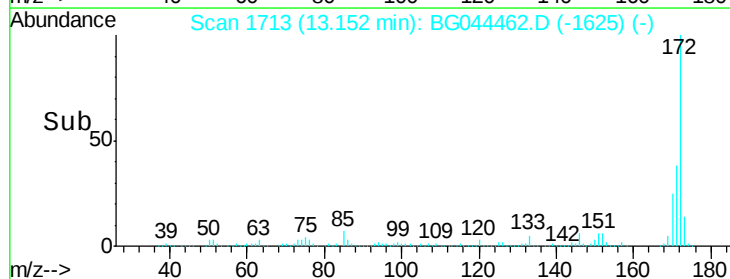
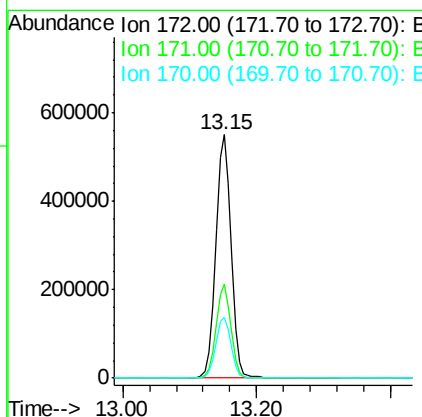
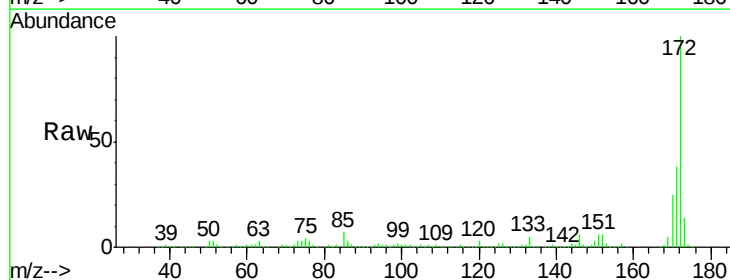
Instrument :
 BNA_G
 ClientSampleId :
 INDIAN-ISLAND-(4)

Tgt Ion:330 Resp: 257063
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.2 115.8
 141 34.4 28.3 42.5



#45
 2-Fluorobiphenyl
 Concen: 75.98 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG044462.D
 Acq: 18 Feb 2020 00:52

Tgt Ion:172 Resp: 887245
 Ion Ratio Lower Upper
 172 100
 171 38.5 32.9 49.3
 170 25.0 22.0 33.0





#50

Dimethylphthalate

Concen: 3.37 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044462.D

Acq: 18 Feb 2020 00:52

Instrument :

BNA_G

ClientSampleId :

INDIAN-ISLAND-(4)

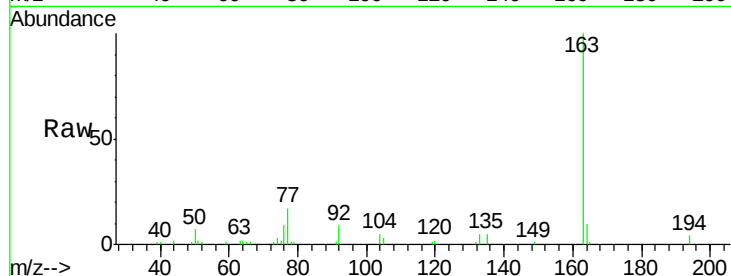
Tgt Ion:163 Resp: 47359

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

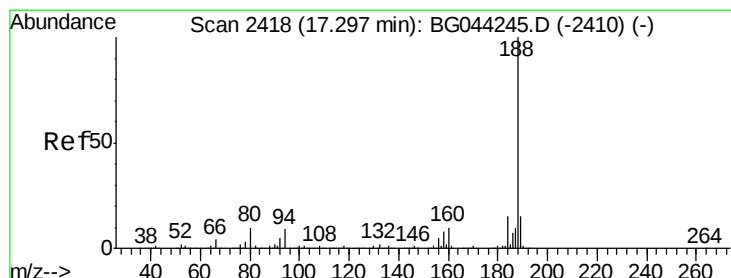
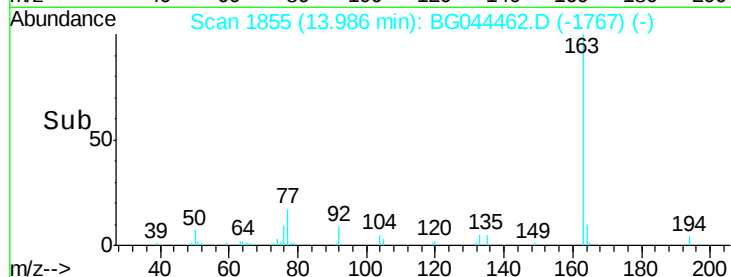
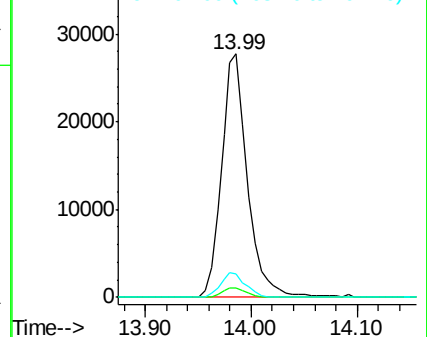
164 9.6 8.7 13.1



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. -0.02 min

Lab File: BG044462.D

Acq: 18 Feb 2020 00:52

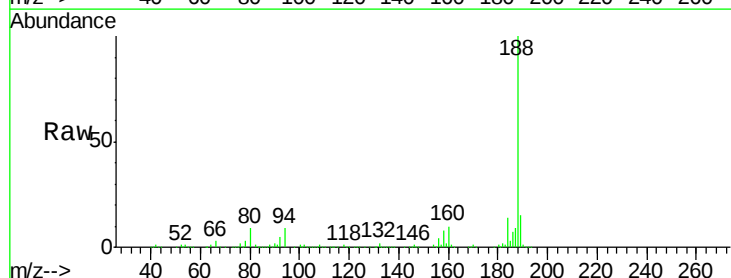
Tgt Ion:188 Resp: 425130

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

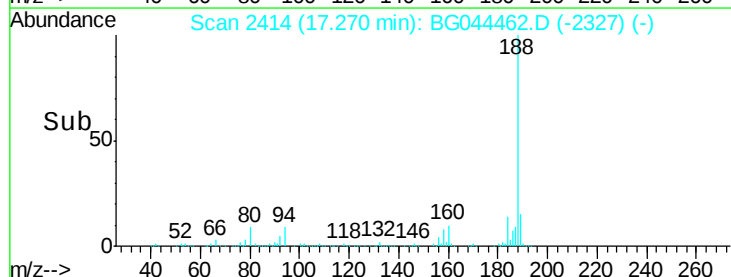
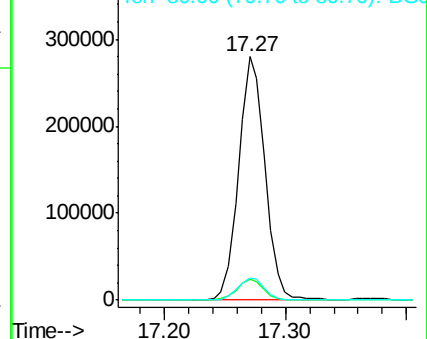
80 9.3 7.7 11.5



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

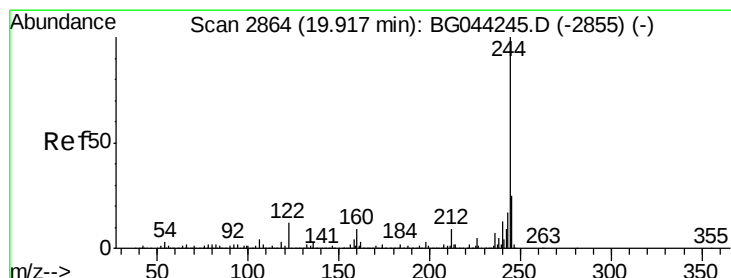
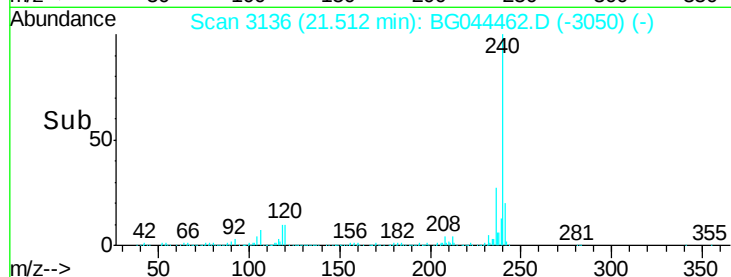
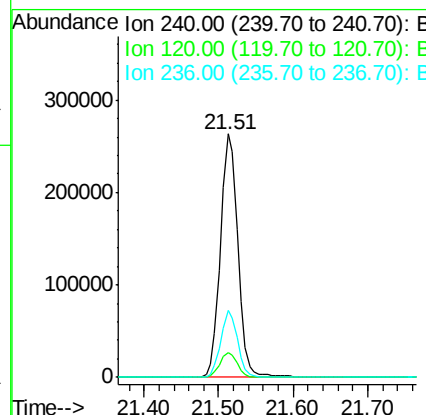
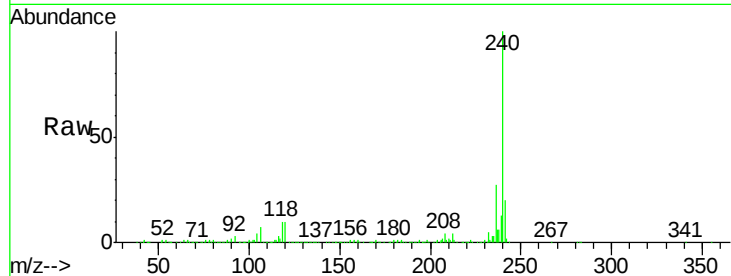




#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG044462.D
 Acq: 18 Feb 2020 00:52

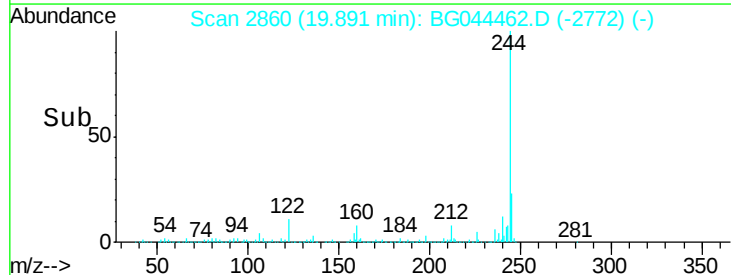
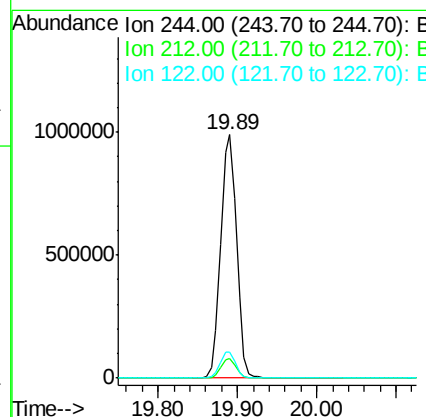
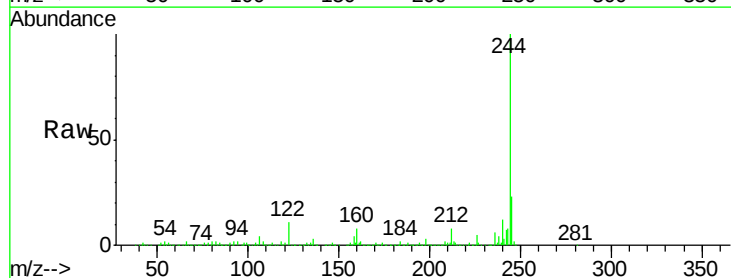
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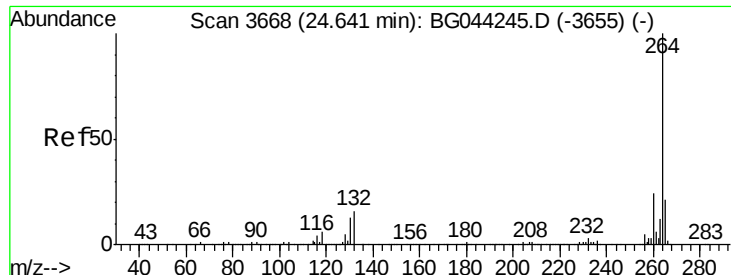
Tgt Ion:240 Resp: 427338
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.4 12.6
 236 27.4 22.1 33.1



#79
 Terphenyl-d14
 Concen: 66.14 ng
 RT: 19.89 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG044462.D
 Acq: 18 Feb 2020 00:52

Tgt Ion:244 Resp: 1374056
 Ion Ratio Lower Upper
 244 100
 212 8.0 7.4 11.2
 122 10.8 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: BG044462.D
Acq: 18 Feb 2020 00:52

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	21.3	16.7	25.1

