

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032020\
 Data File : BN010317.D
 Acq On : 20 Mar 2020 23:56
 Operator : CG/JU
 Sample : L1992-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 INDIAN-ISLAND-(7)

Quant Time: Mar 21 01:51:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 15:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3990	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	14023	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	9102	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	22610	0.40	ng	0.00
27) Chrysene-d12	21.19	240	24964	0.40	ng	0.00
34) Perylene-d12	23.36	264	25631	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1088	0.14	ng	0.00
5) Phenol-d6	6.80	99	778	0.08	ng	0.00
8) Nitrobenzene-d5	8.74	82	5317	0.59	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	7146	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1062	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	20950	0.60	ng	0.00
25) Fluoranthene-d10	19.02	212	23212	0.34	ng	0.00
29) Terphenyl-d14	19.63	244	30004	0.56	ng	0.00

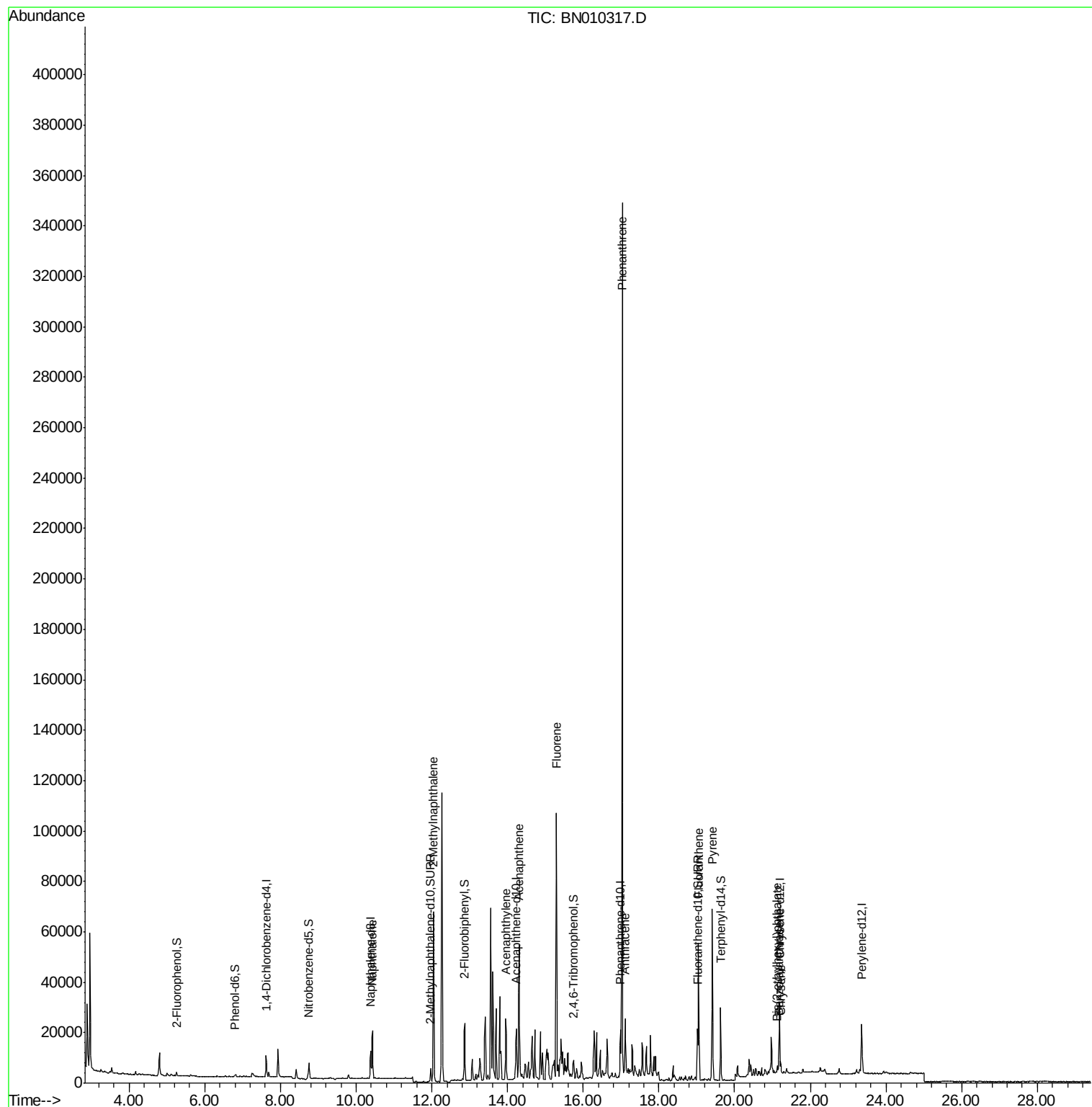
Target Compounds				Qvalue		
9) Naphthalene	10.43	128	25991	0.743	ng	100
12) 2-Methylnaphthalene	12.05	142	48069	1.983	ng	100
16) Acenaphthylene	13.96	152	4487	0.126	ng	# 20
17) Acenaphthene	14.30	154	25650	1.008	ng	96
18) Fluorene	15.29	166	60485	1.790	ng	99
23) Phenanthrene	17.03	178	351851	5.662	ng	100
24) Anthracene	17.11	178	21810	0.410	ng	# 94
26) Fluoranthene	19.05	202	48146	0.632	ng	99
28) Pyrene	19.41	202	62777	0.808	ng	98
30) Benzo(a)anthracene	21.16	228	3192	0.040	ng	# 81
31) Chrysene	21.22	228	4121	0.048	ng	# 74
32) Bis(2-ethylhexyl)phthalate	21.13	149	1955	0.073	ng	# 96

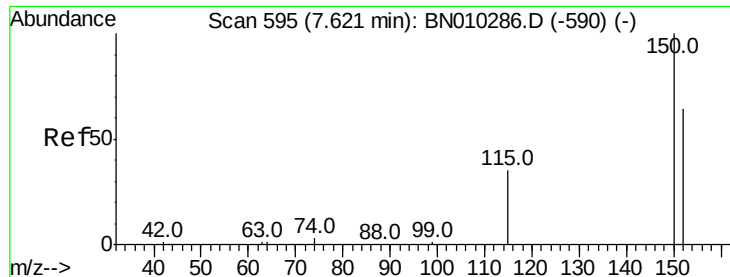
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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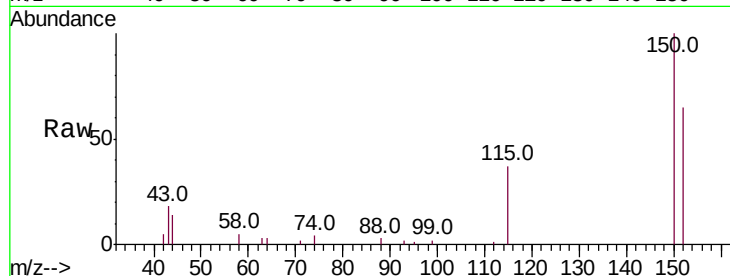


#1

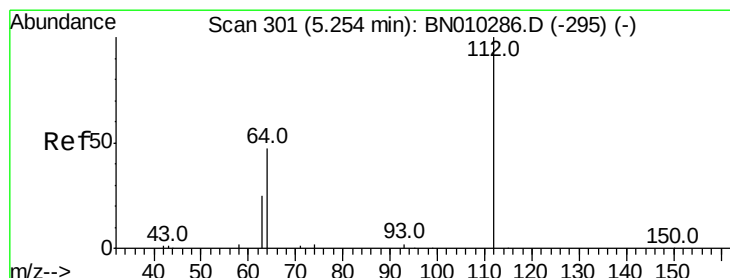
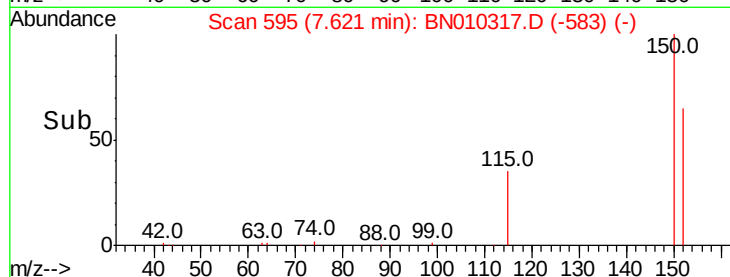
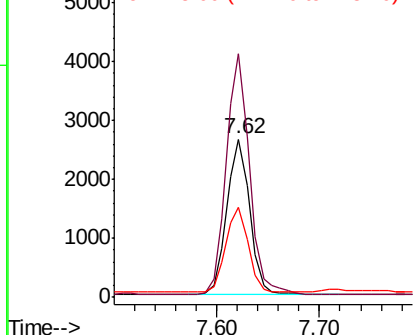
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. -0.00 min
Lab File: BN010317.D
Acq: 20 Mar 2020 23:56

Instrument :
BNA_N
ClientSampleId :
INDIAN-ISLAND-(7)

Tot Ion:152 Resp: 3990
Ion Ratio Lower Upper
152 100
150 153.9 123.1 184.7
115 56.9 45.2 67.8



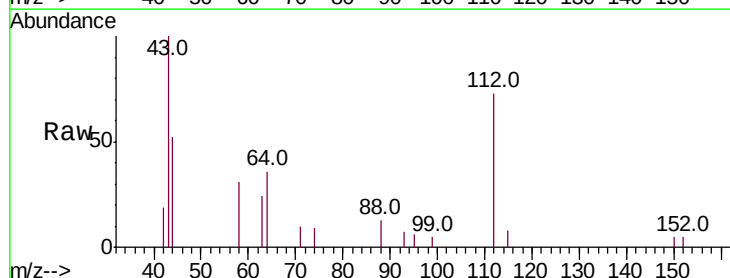
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



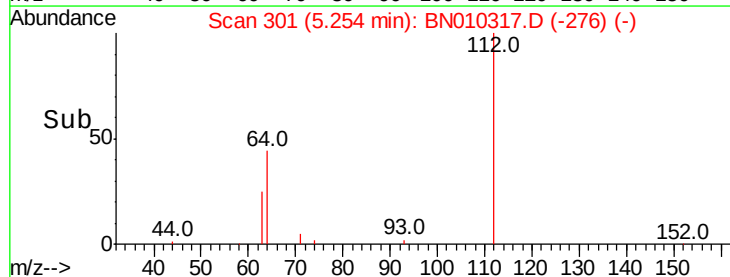
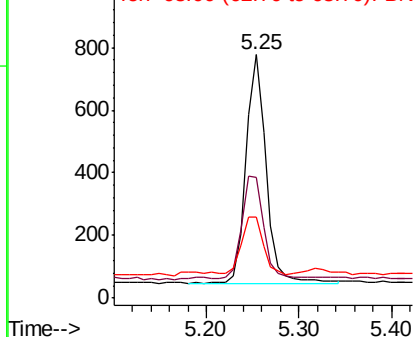
#4

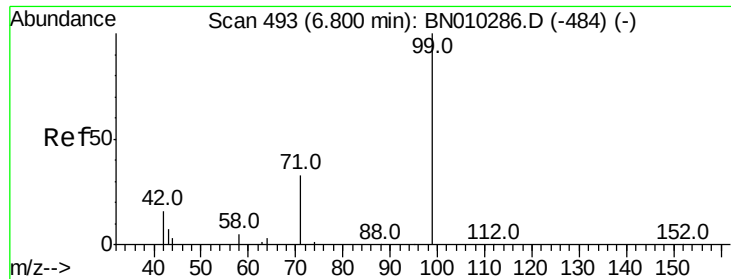
2-Fluorophenol
Concen: 0.138 ng
RT: 5.25 min Scan# 301
Delta R.T. -0.00 min
Lab File: BN010317.D
Acq: 20 Mar 2020 23:56

Tgt Ion:112 Resp: 1088
Ion Ratio Lower Upper
112 100
64 49.5 41.4 62.2
63 27.7 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.079 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.00 min

Lab File: BN010317.D

Acq: 20 Mar 2020 23:56

Instrument :

BNA_N

ClientSampleId :

INDIAN-ISLAND-(7)

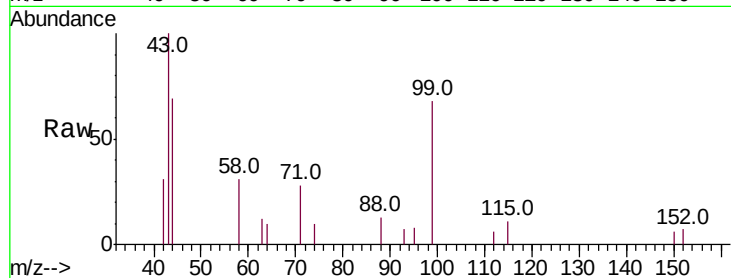
Tot Ion: 99 Resp: 778

Ion Ratio Lower Upper

99 100

42 27.6 14.8 22.2#

71 41.0 27.3 40.9#

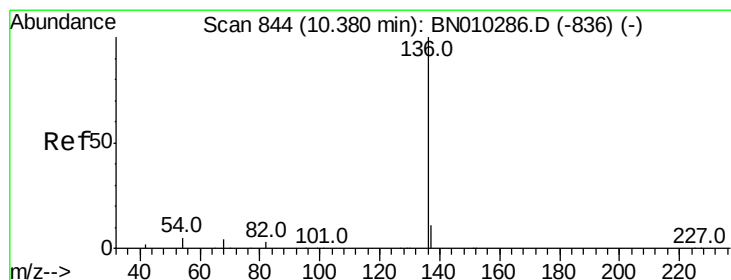
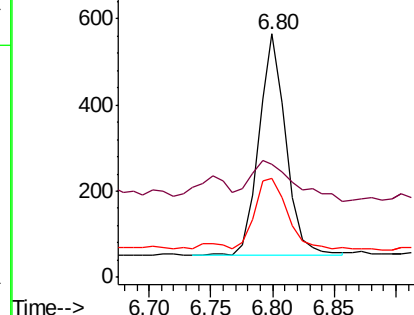
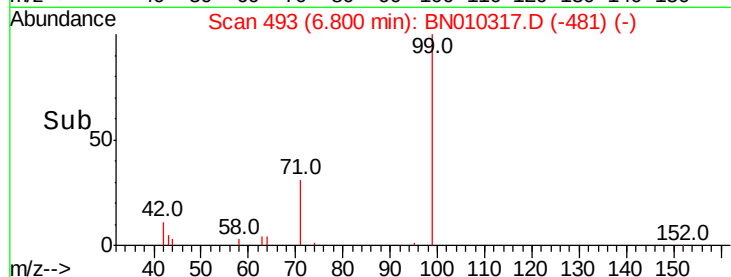


Abundance Ion 99.00 (98.70 to 99.70): BN010317.D (-481) (-)

Ion 42.00 (41.70 to 42.70): BN010317.D (-481) (-)

Ion 71.00 (70.70 to 71.70): BN010317.D (-481) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN010317.D

Acq: 20 Mar 2020 23:56

Tgt Ion: 136 Resp: 14023

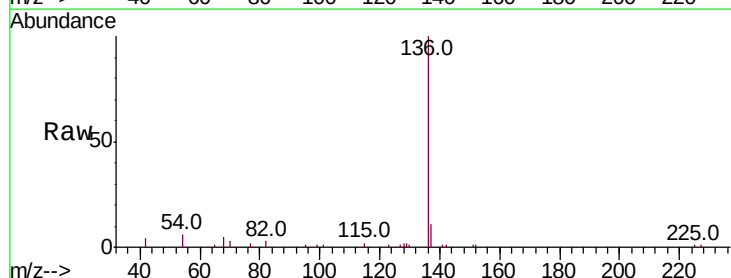
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 5.5 4.8 7.2

68 5.0 4.1 6.1



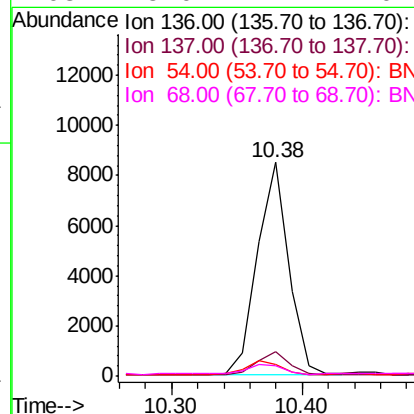
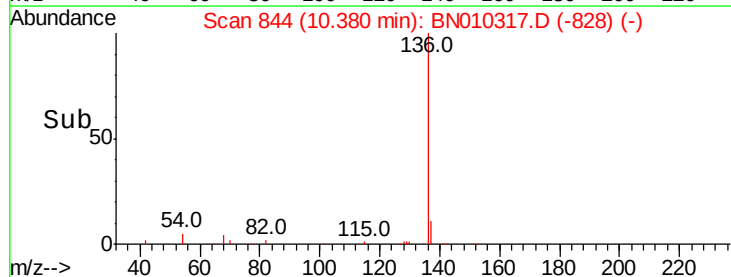
Abundance Ion 136.00 (135.70 to 136.70): BN010317.D (-828) (-)

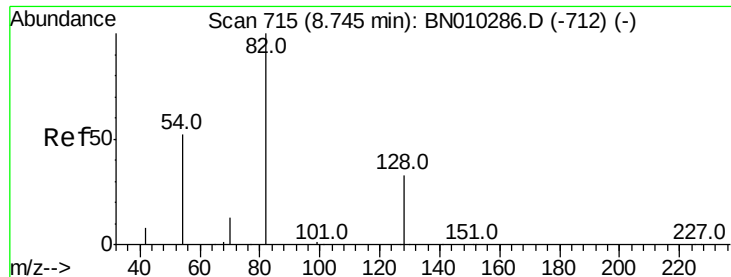
Ion 137.00 (136.70 to 137.70): BN010317.D (-828) (-)

Ion 54.00 (53.70 to 54.70): BN010317.D (-828) (-)

Ion 68.00 (67.70 to 68.70): BN010317.D (-828) (-)

Time-->

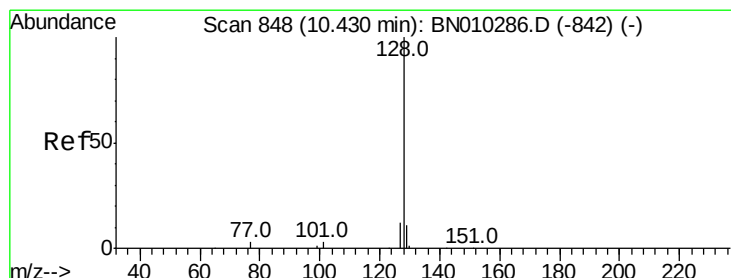
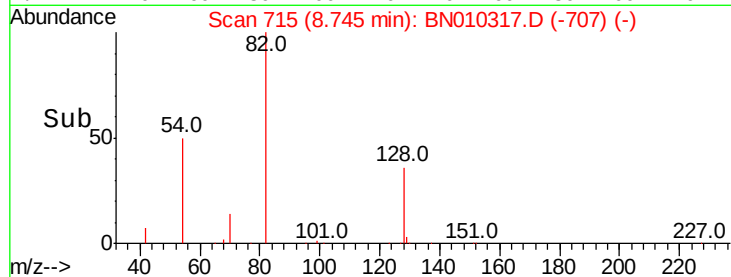
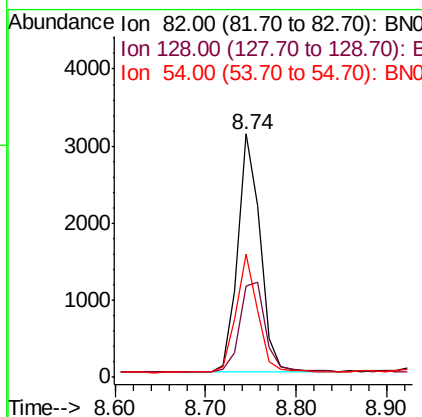
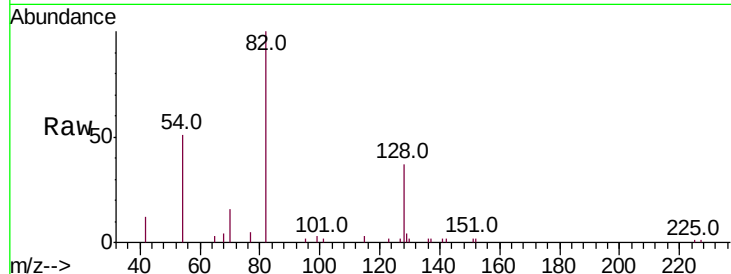




#8
 Nitrobenzene-d5
 Concen: 0.592 ng
 RT: 8.74 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BN010317.D
 Acq: 20 Mar 2020 23:56

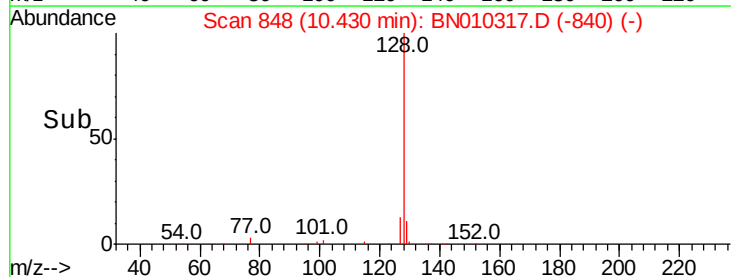
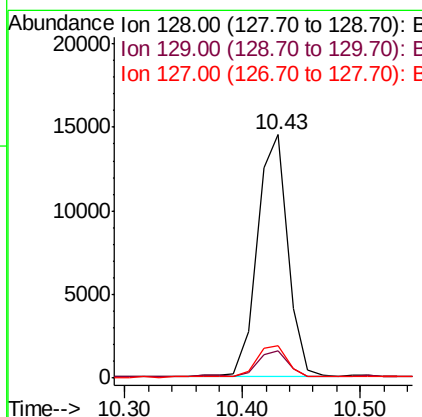
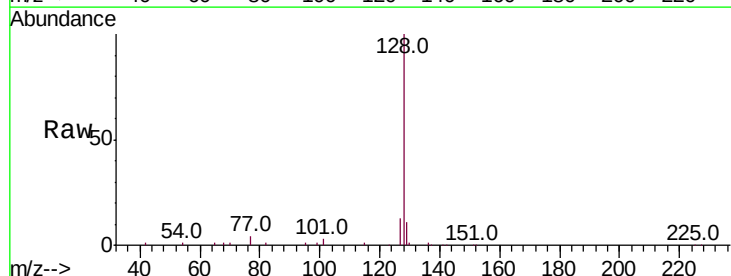
Instrument :
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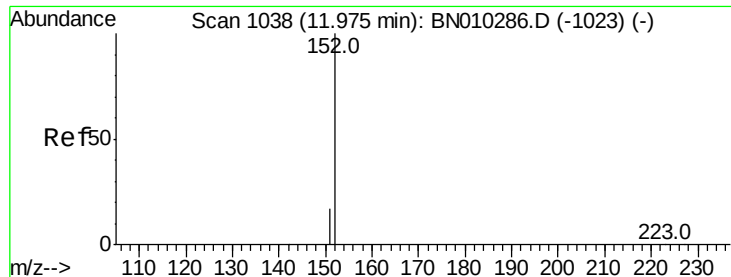
Tot Ion	82	Resp	5317
Ion Ratio	Lower	Upper	
82	100		
128	37.4	28.8	43.2
54	50.6	42.1	63.1



#9
 Naphthalene
 Concen: 0.743 ng
 RT: 10.43 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BN010317.D
 Acq: 20 Mar 2020 23:56

Tgt Ion	128	Resp	25991
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.1	13.7
127	13.1	10.4	15.6

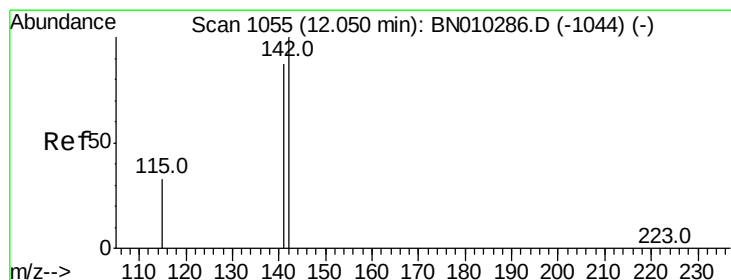
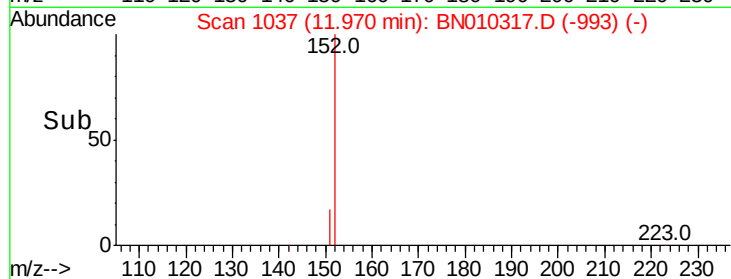
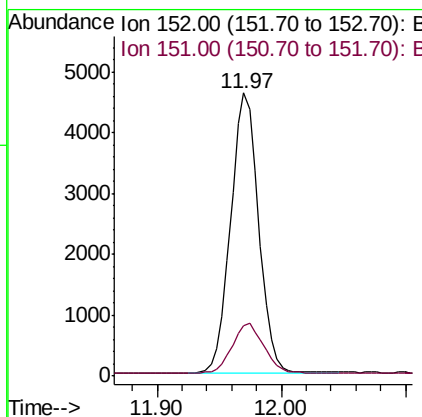
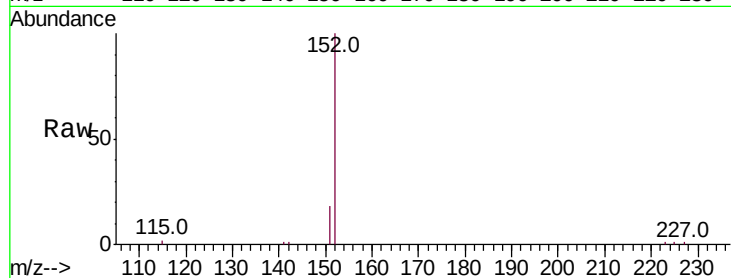




#11
2-Methylnaphthalene-d10
Concen: 0.319 ng
RT: 11.97 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN010317.D
Acq: 20 Mar 2020 23:56

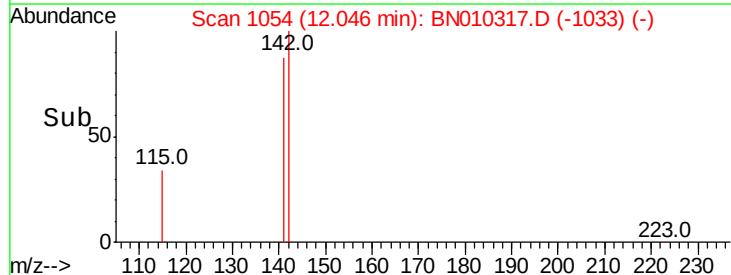
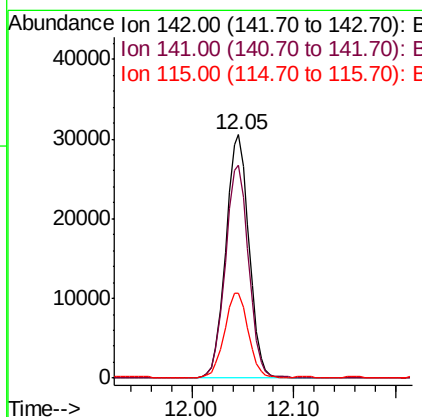
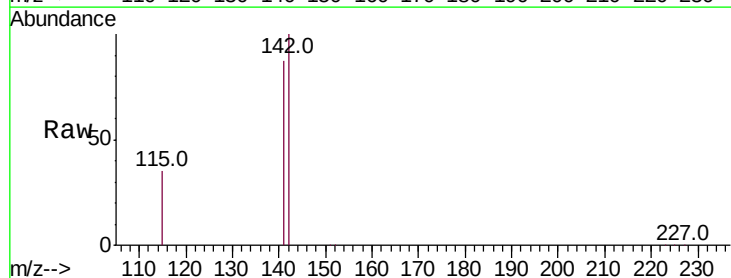
Instrument :
BNA_N
ClientSampleId :
INDIAN-ISLAND-(7)

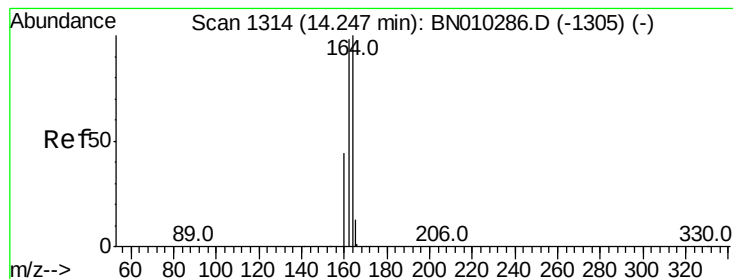
Tot Ion:152 Resp: 7146
Ion Ratio Lower Upper
152 100
151 20.2 15.4 23.2



#12
2-Methylnaphthalene
Concen: 1.983 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BN010317.D
Acq: 20 Mar 2020 23:56

Tgt Ion:142 Resp: 48069
Ion Ratio Lower Upper
142 100
141 87.2 69.5 104.3
115 34.8 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BN010317.D

Acq: 20 Mar 2020 23:56

Instrument :

BNA_N

ClientSampleId :

INDIAN-ISLAND-(7)

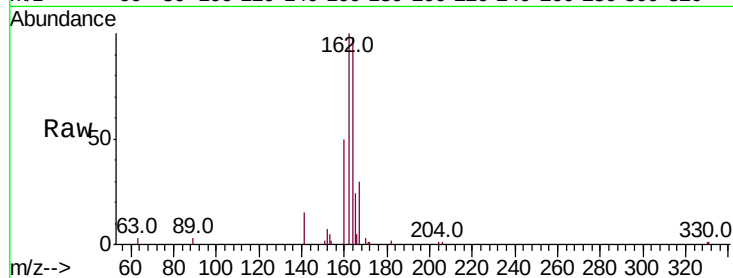
Tot Ion:164 Resp: 9102

Ion Ratio Lower Upper

164 100

162 102.0 78.2 117.2

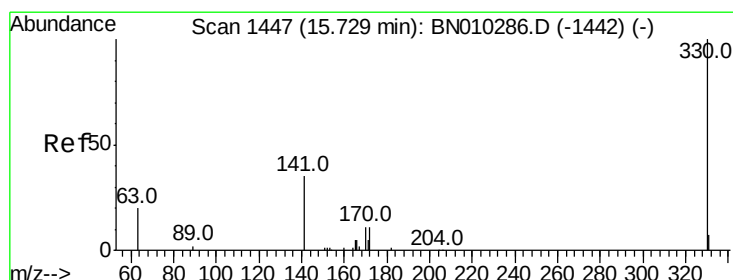
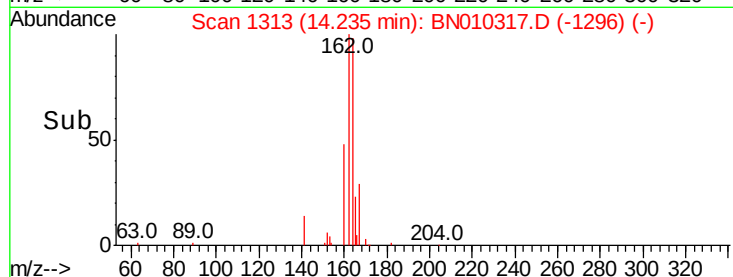
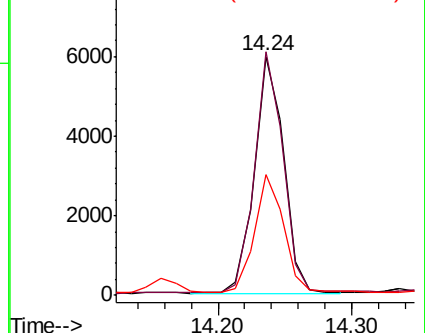
160 50.8 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.304 ng

RT: 15.73 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BN010317.D

Acq: 20 Mar 2020 23:56

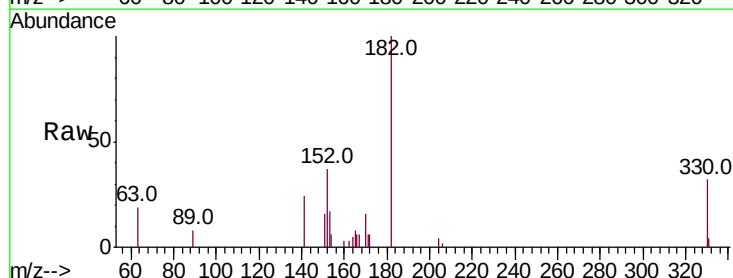
Tgt Ion:330 Resp: 1062

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

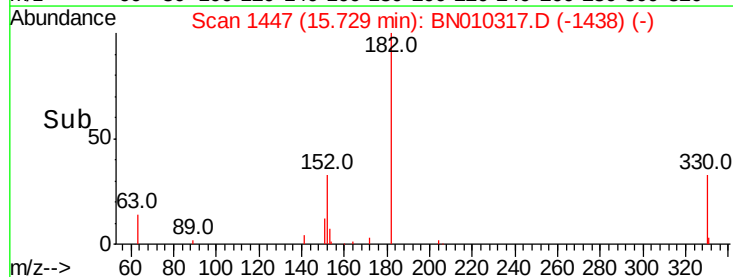
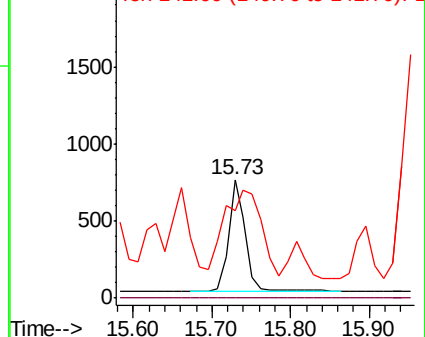
141 167.7 29.3 43.9#

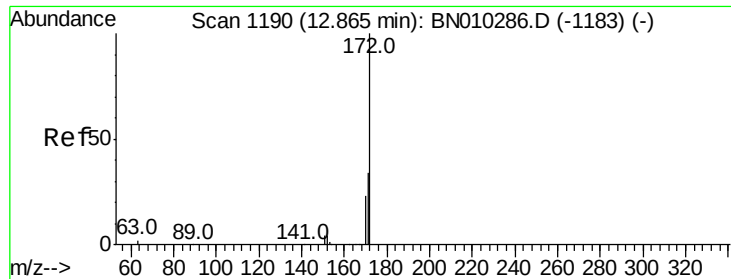


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

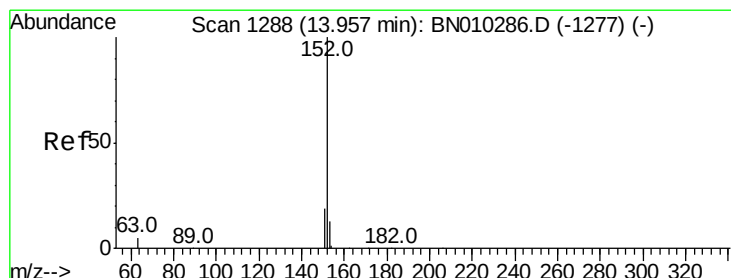
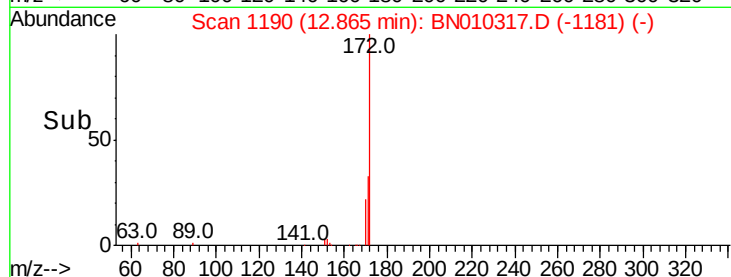
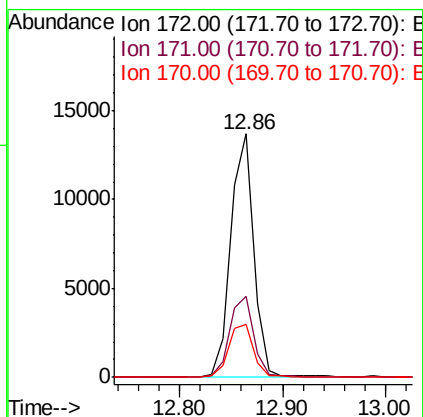
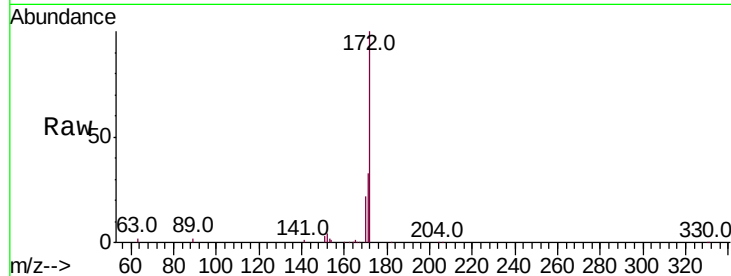




#15
2-Fluorobiphenyl
Concen: 0.601 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010317.D
Acq: 20 Mar 2020 23:56

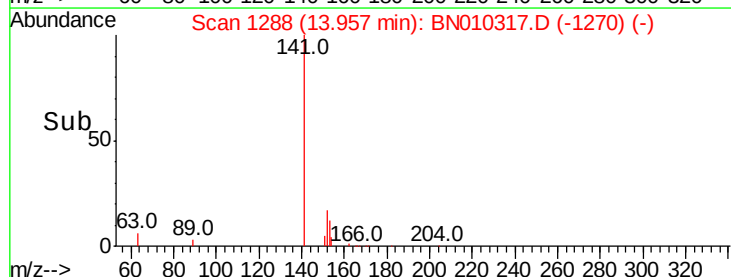
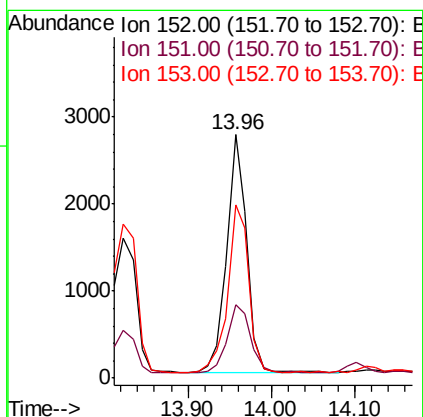
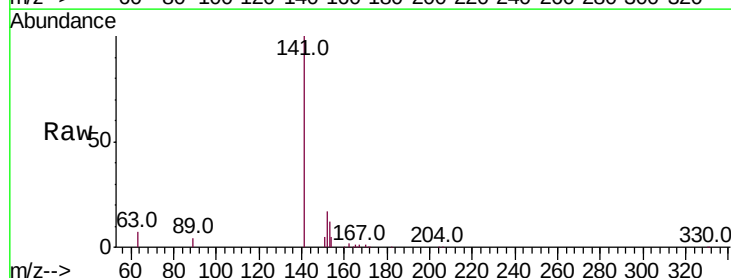
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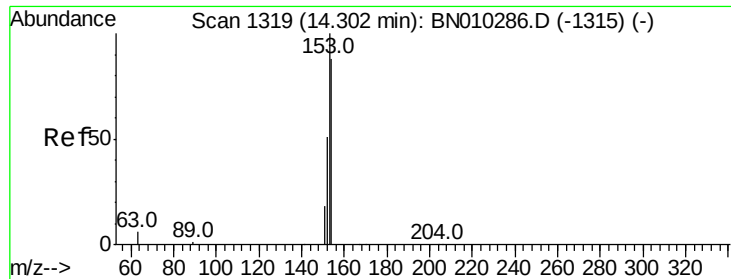
Tot Ion:	172	Resp:	20950
Ion	Ratio	Lower	Upper
172	100		
171	33.3	27.6	41.4
170	21.9	18.5	27.7



#16
Acenaphthylene
Concen: 0.126 ng
RT: 13.96 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BN010317.D
Acq: 20 Mar 2020 23:56

Tgt Ion:	152	Resp:	4487
Ion	Ratio	Lower	Upper
152	100		
151	33.7	15.6	23.4#
153	74.4	10.6	15.8#





#17

Acenaphthene

Concen: 1.008 ng

RT: 14.30 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BN010317.D

Acq: 20 Mar 2020 23:56

Instrument :

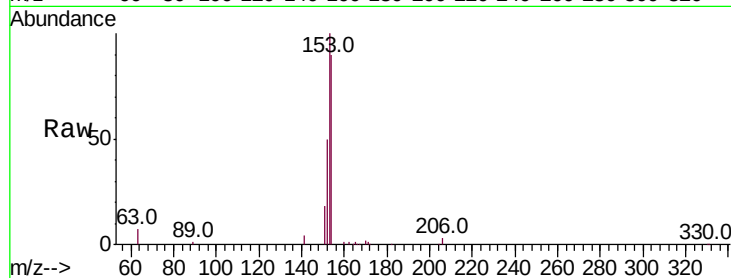
BNA_N

ClientSampleId :

INDIAN-ISLAND-(7)

Tot Ion:154 Resp: 25650

Ion	Ratio	Lower	Upper
154	100		
153	114.4	88.1	132.1
152	58.9	45.5	68.3

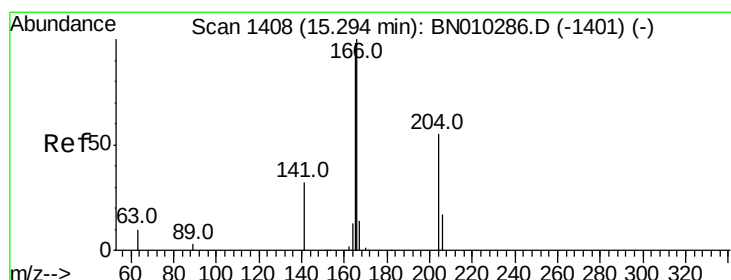
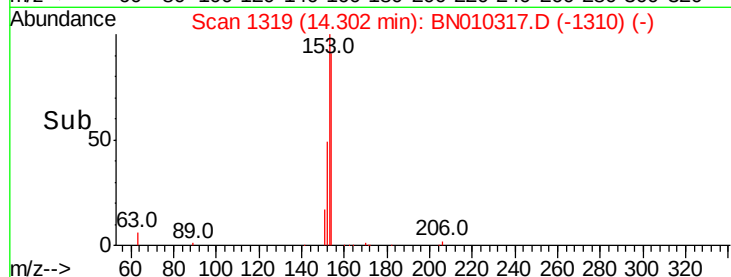
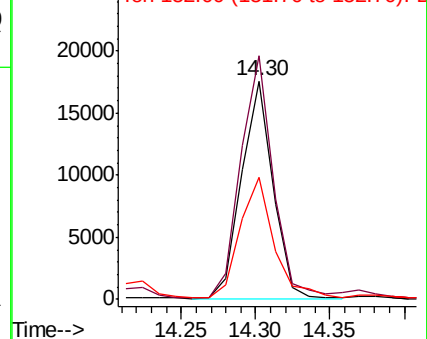


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 1.790 ng

RT: 15.29 min Scan# 1408

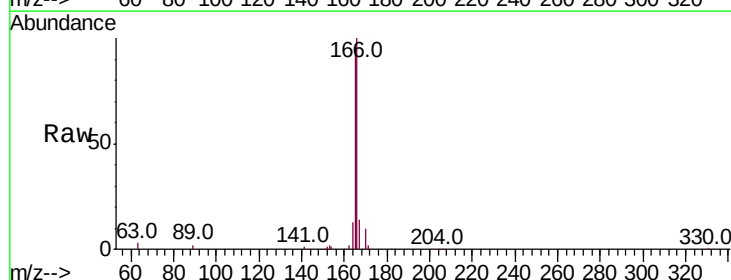
Delta R.T. -0.00 min

Lab File: BN010317.D

Acq: 20 Mar 2020 23:56

Tgt Ion:166 Resp: 60485

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.7	118.1
167	14.8	11.0	16.4

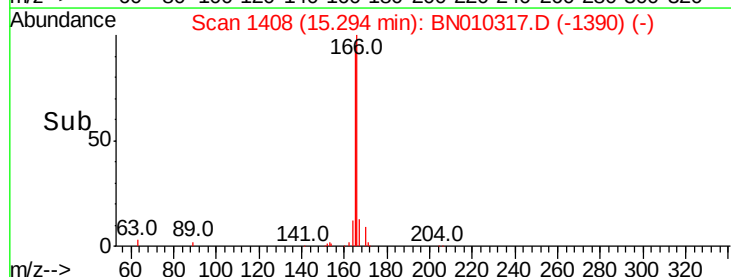
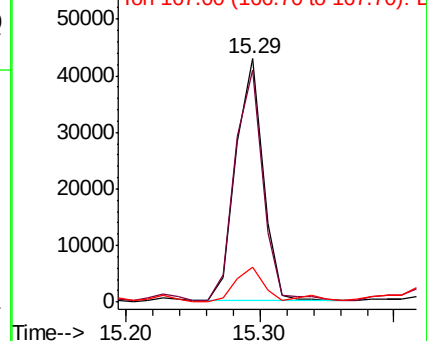


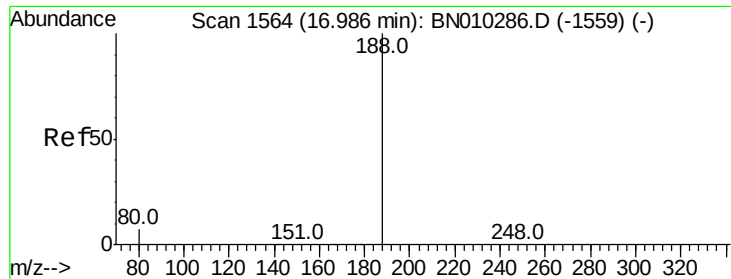
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN010317.D

Acq: 20 Mar 2020 23:56

Instrument :

BNA_N

ClientSampleId :

INDIAN-ISLAND-(7)

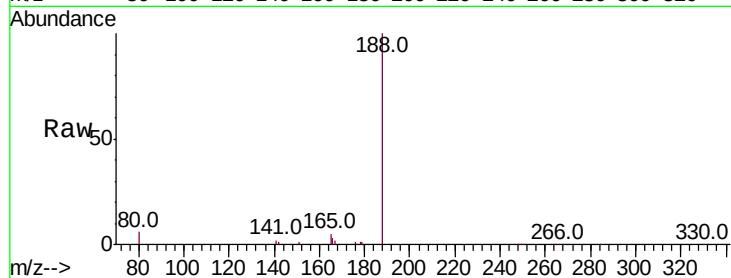
Tot Ion:188 Resp: 22610

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

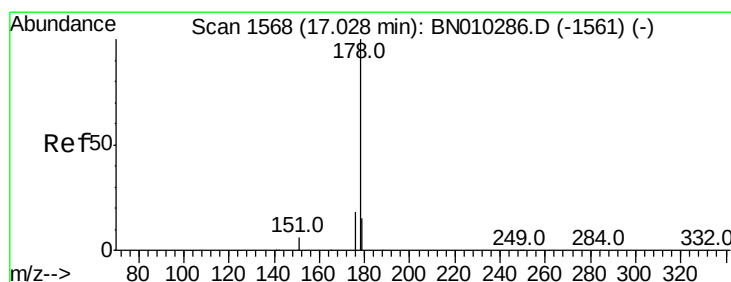
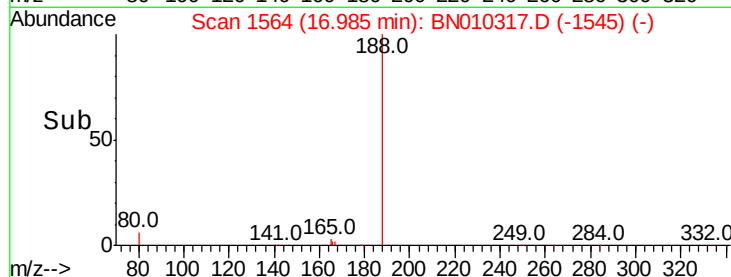
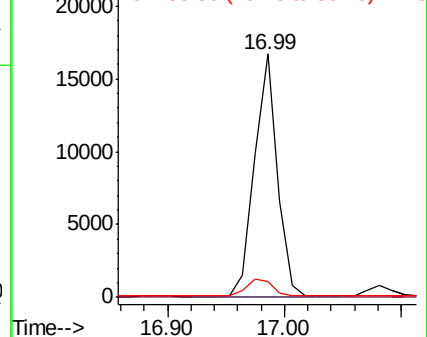
80 6.3 6.0 9.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#23

Phenanthrene

Concen: 5.662 ng

RT: 17.03 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BN010317.D

Acq: 20 Mar 2020 23:56

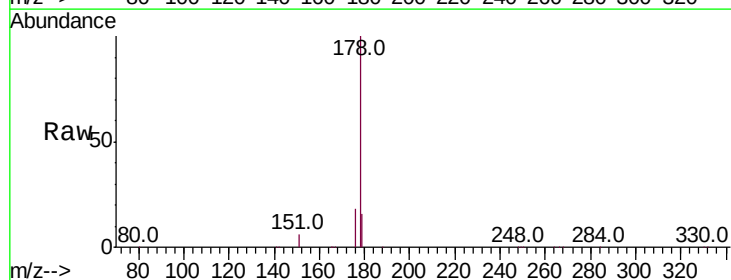
Tgt Ion:178 Resp: 351851

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

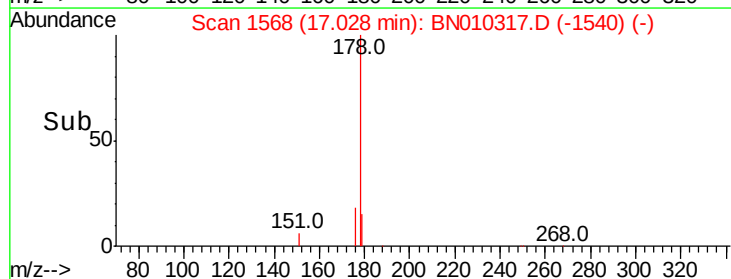
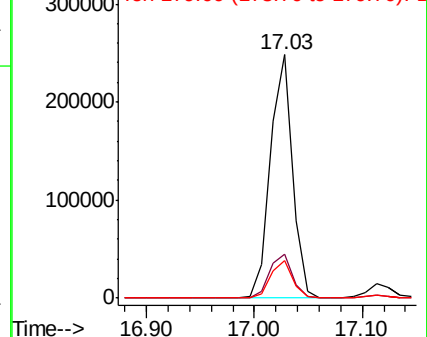
179 15.4 12.4 18.6

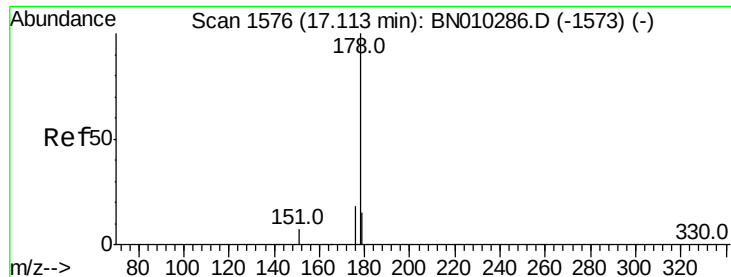


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.410 ng

RT: 17.11 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BN010317.D

Acq: 20 Mar 2020 23:56

Instrument :

BNA_N

ClientSampleId :

INDIAN-ISLAND-(7)

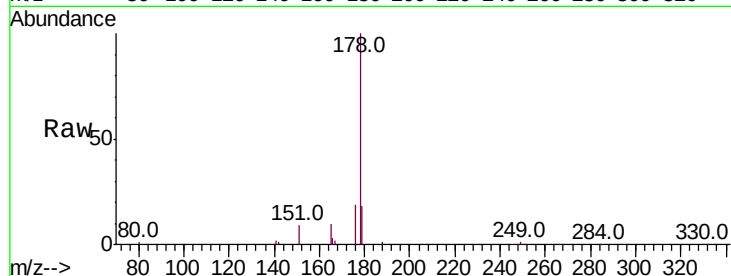
Tot Ion:178 Resp: 21810

Ion Ratio Lower Upper

178 100

176 19.9 14.5 21.7

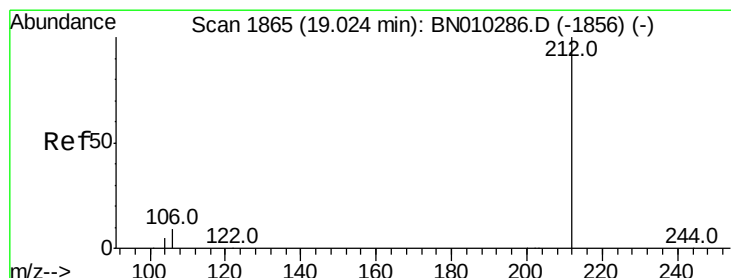
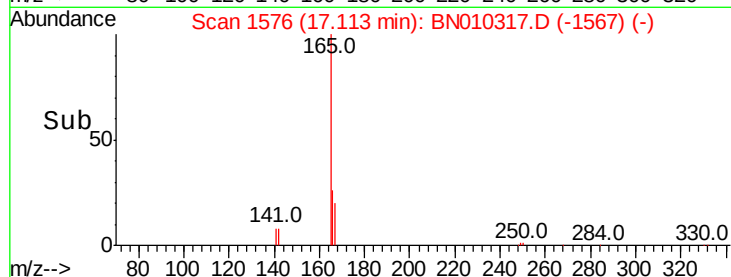
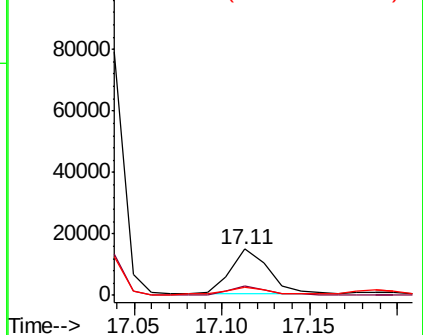
179 19.1 12.3 18.5#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.340 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BN010317.D

Acq: 20 Mar 2020 23:56

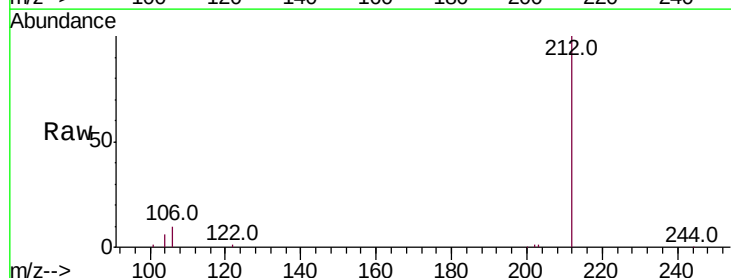
Tgt Ion:212 Resp: 23212

Ion Ratio Lower Upper

212 100

106 8.9 7.4 11.2

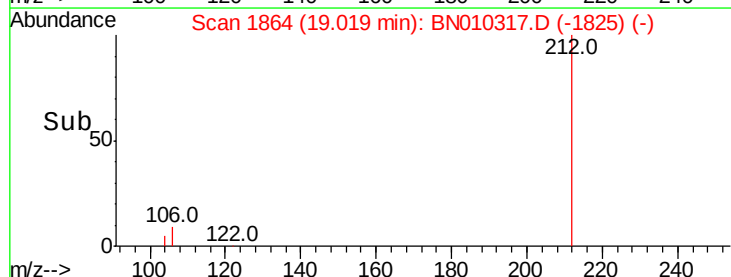
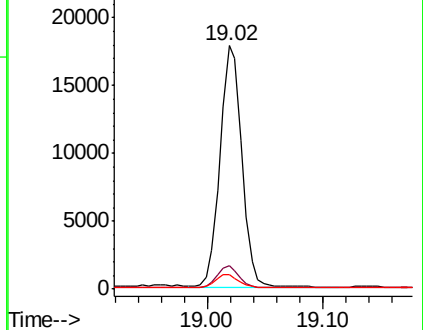
104 5.5 4.2 6.4

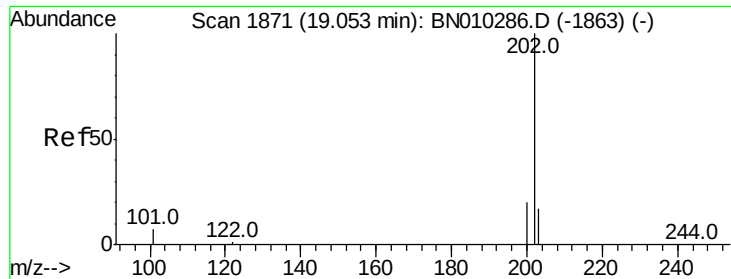


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

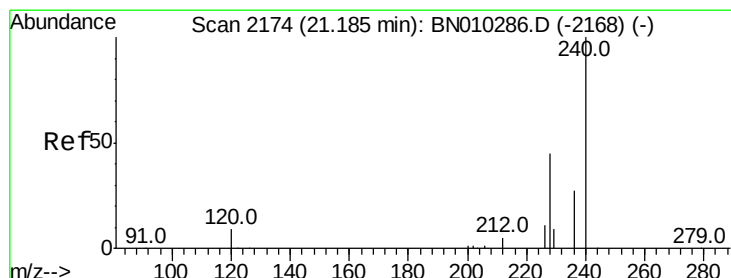
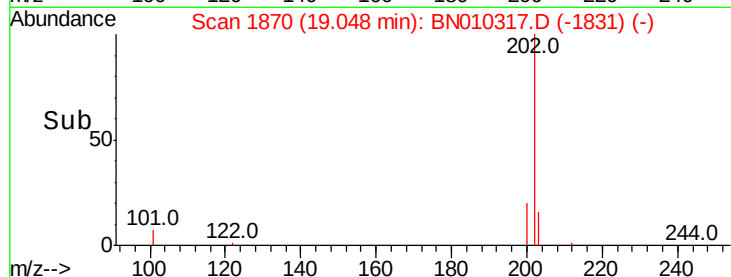
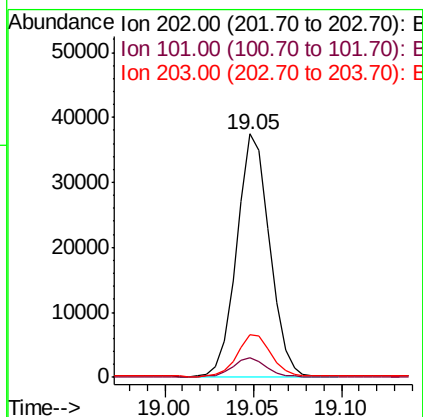
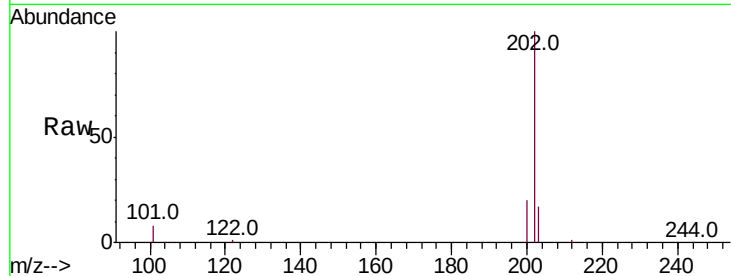




#26
Fluoranthene
Concen: 0.632 ng
RT: 19.05 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BN010317.D
Acq: 20 Mar 2020 23:56

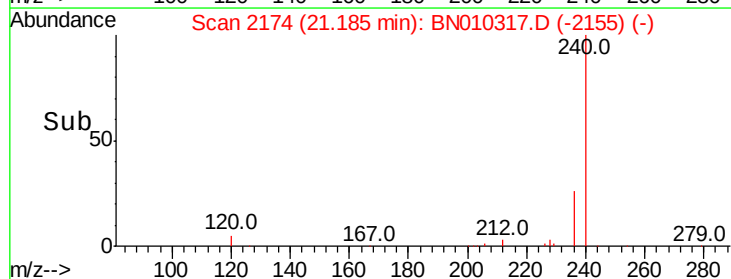
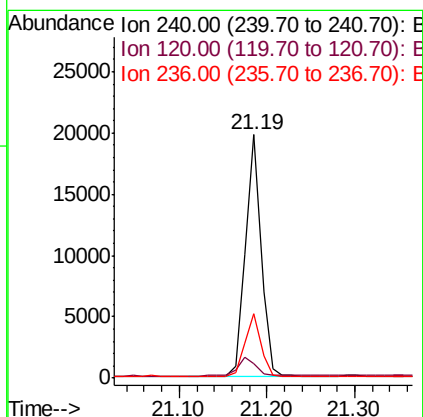
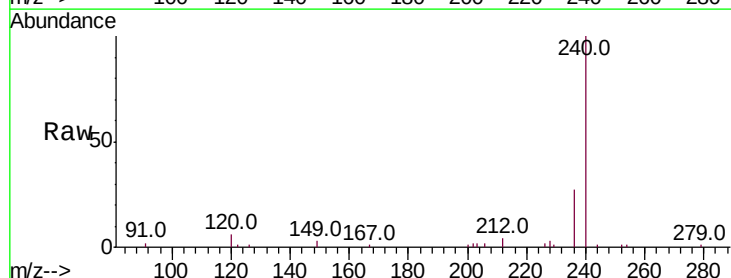
Instrument :
BNA_N
ClientSampleId :
INDIAN-ISLAND-(7)

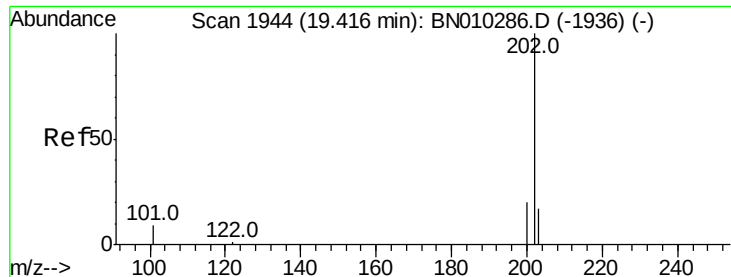
Tot Ion:202 Resp: 48146
Ion Ratio Lower Upper
202 100
101 7.7 6.6 9.8
203 17.5 13.8 20.8



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN010317.D
Acq: 20 Mar 2020 23:56

Tgt Ion:240 Resp: 24964
Ion Ratio Lower Upper
240 100
120 5.9 7.9 11.9#
236 26.7 22.2 33.4

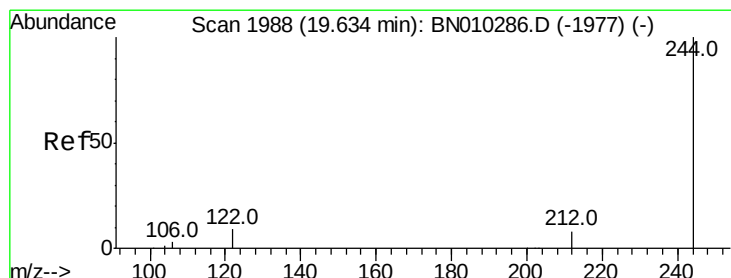
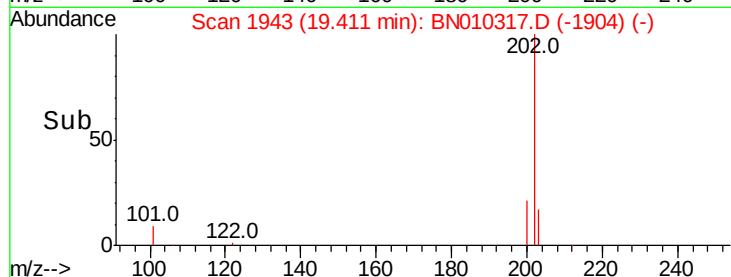
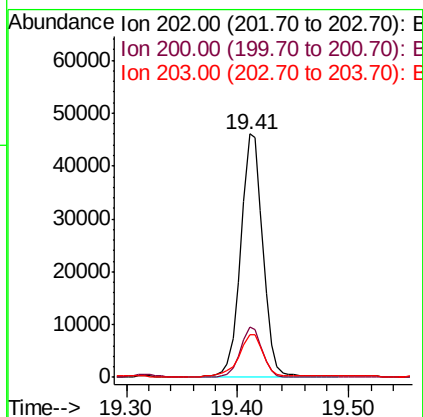
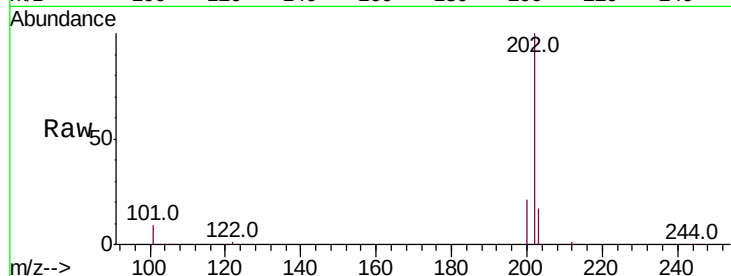




#28
Pvrene
Concen: 0.808 ng
RT: 19.41 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BN010317.D
Acq: 20 Mar 2020 23:56

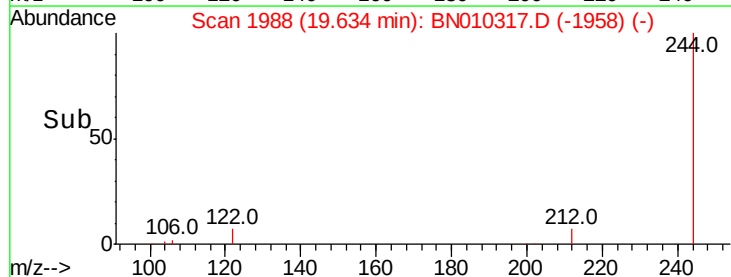
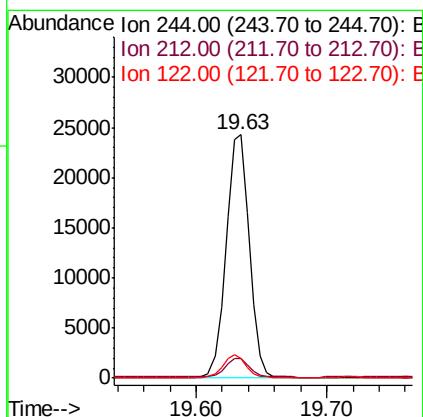
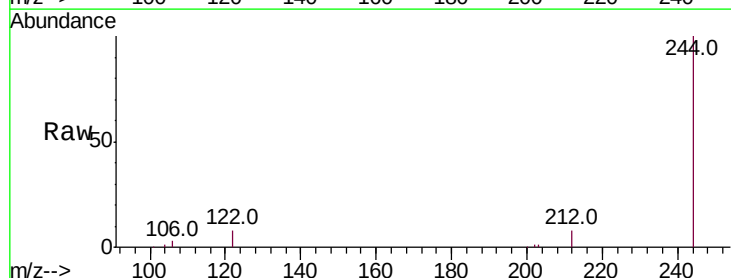
Instrument :
BNA_N
ClientSampleId :
INDIAN-ISLAND-(7)

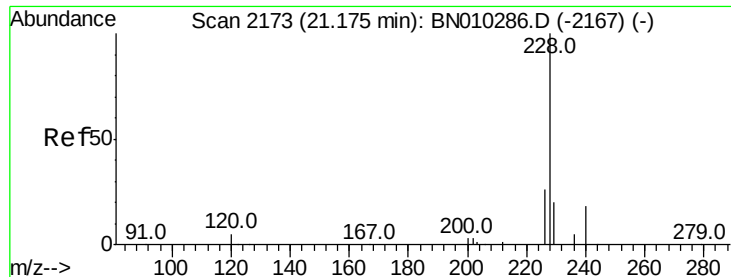
Tot Ion:202 Resp: 62777
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.4
203 19.8 14.2 21.2



#29
Terphenyl-d14
Concen: 0.556 ng
RT: 19.63 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BN010317.D
Acq: 20 Mar 2020 23:56

Tgt Ion:244 Resp: 30004
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 7.8 7.6 11.4

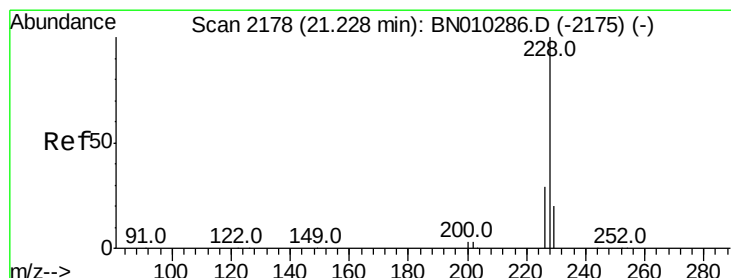
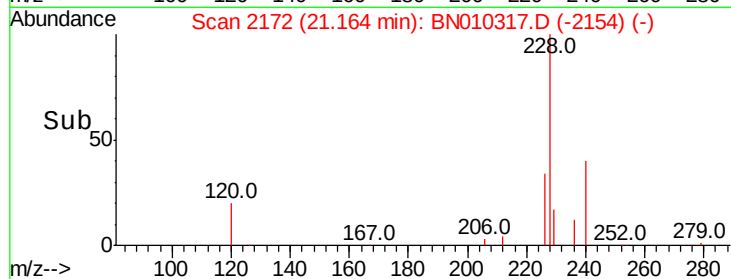
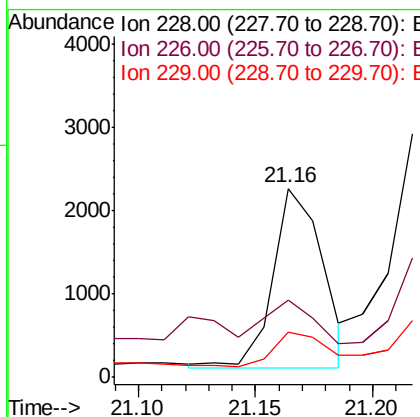
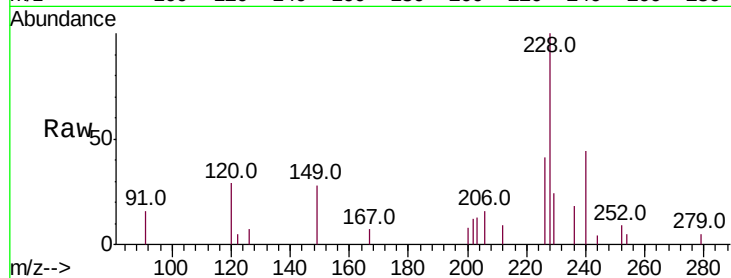




#30
Benzo(a)anthracene
Concen: 0.040 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BN010317.D
Acq: 20 Mar 2020 23:56

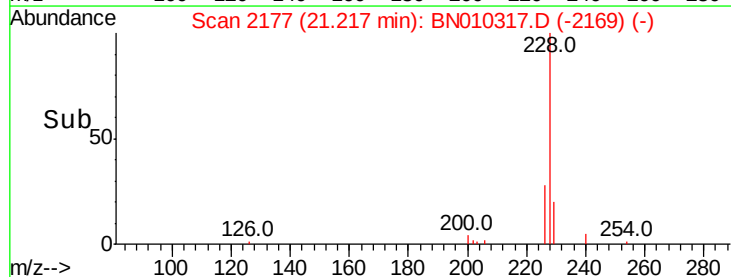
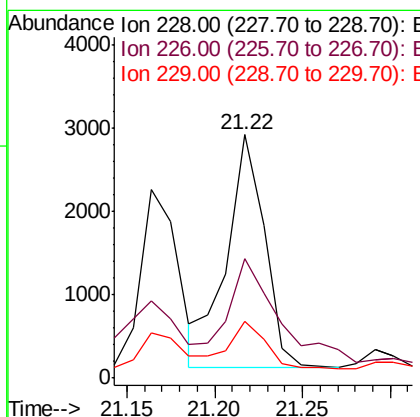
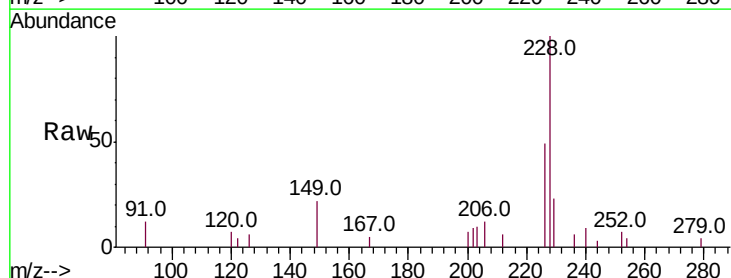
Instrument :
BNA_N
ClientSampleId :
INDIAN-ISLAND-(7)

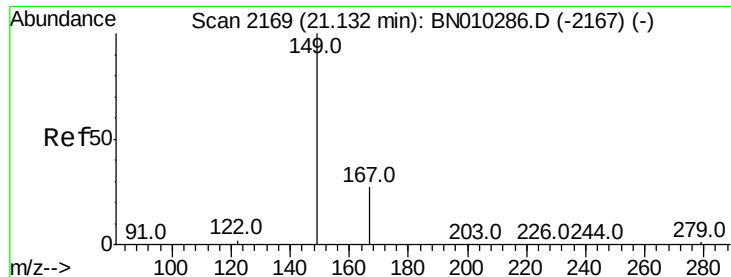
Tot Ion:228 Resp: 3192
Ion Ratio Lower Upper
228 100
226 40.6 21.0 31.4#
229 23.6 16.0 24.0



#31
Chrysene
Concen: 0.048 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BN010317.D
Acq: 20 Mar 2020 23:56

Tgt Ion:228 Resp: 4121
Ion Ratio Lower Upper
228 100
226 49.3 23.0 34.6#
229 23.2 16.0 24.0





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.073 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BN010317.D

Acq: 20 Mar 2020 23:56

Instrument :

BNA_N

ClientSampleId :

INDIAN-ISLAND-(7)

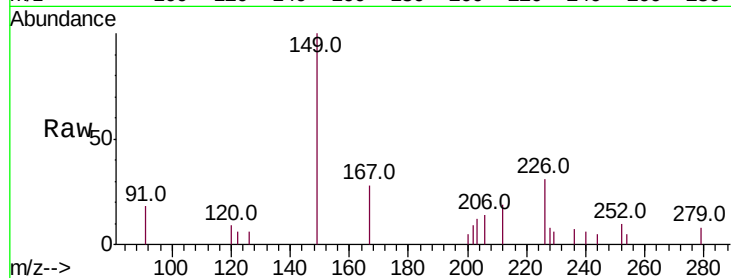
Tot Ion:149 Resp: 1955

Ion Ratio Lower Upper

149 100

167 30.8 23.0 34.6

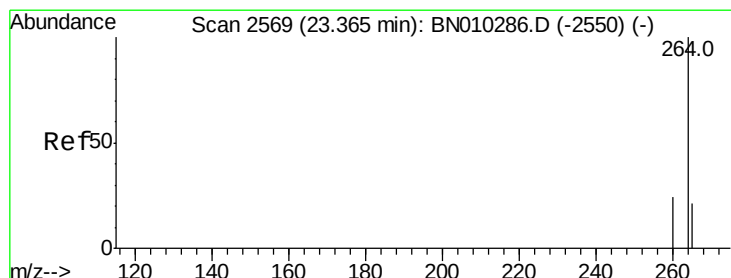
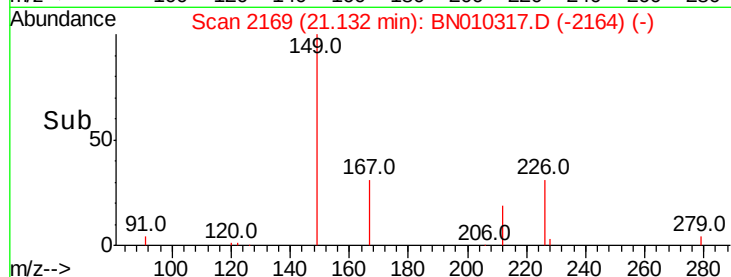
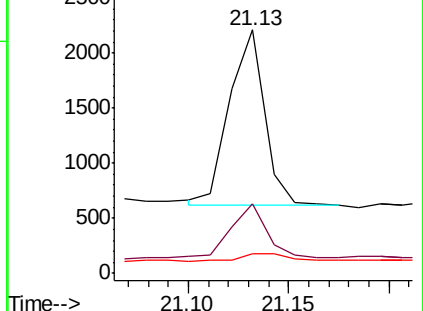
279 5.9 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.36 min Scan# 2567

Delta R.T. -0.01 min

Lab File: BN010317.D

Acq: 20 Mar 2020 23:56

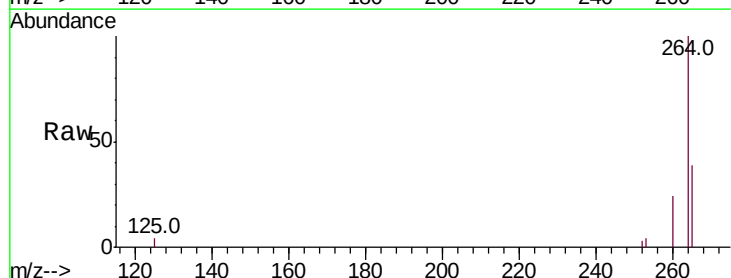
Tgt Ion:264 Resp: 25631

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 38.7 32.4 48.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

