

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032020\
 Data File : BN010318.D
 Acq On : 21 Mar 2020 00:31
 Operator : CG/JU
 Sample : L1992-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 INDIAN-ISLAND-(3)

Quant Time: Mar 21 01:53:12 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	4640	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	16420	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	9867	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	24101	0.40	ng	0.00
27) Chrysene-d12	21.19	240	26759	0.40	ng	0.00
34) Perylene-d12	23.35	264	27704	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	1252	0.14	ng	0.00
5) Phenol-d6	6.80	99	929	0.08	ng	0.00
8) Nitrobenzene-d5	8.74	82	5639	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	7423	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1129	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	21198	0.56	ng	0.00
25) Fluoranthene-d10	19.02	212	21327	0.29	ng	0.00
29) Terphenyl-d14	19.63	244	28006	0.48	ng	0.00

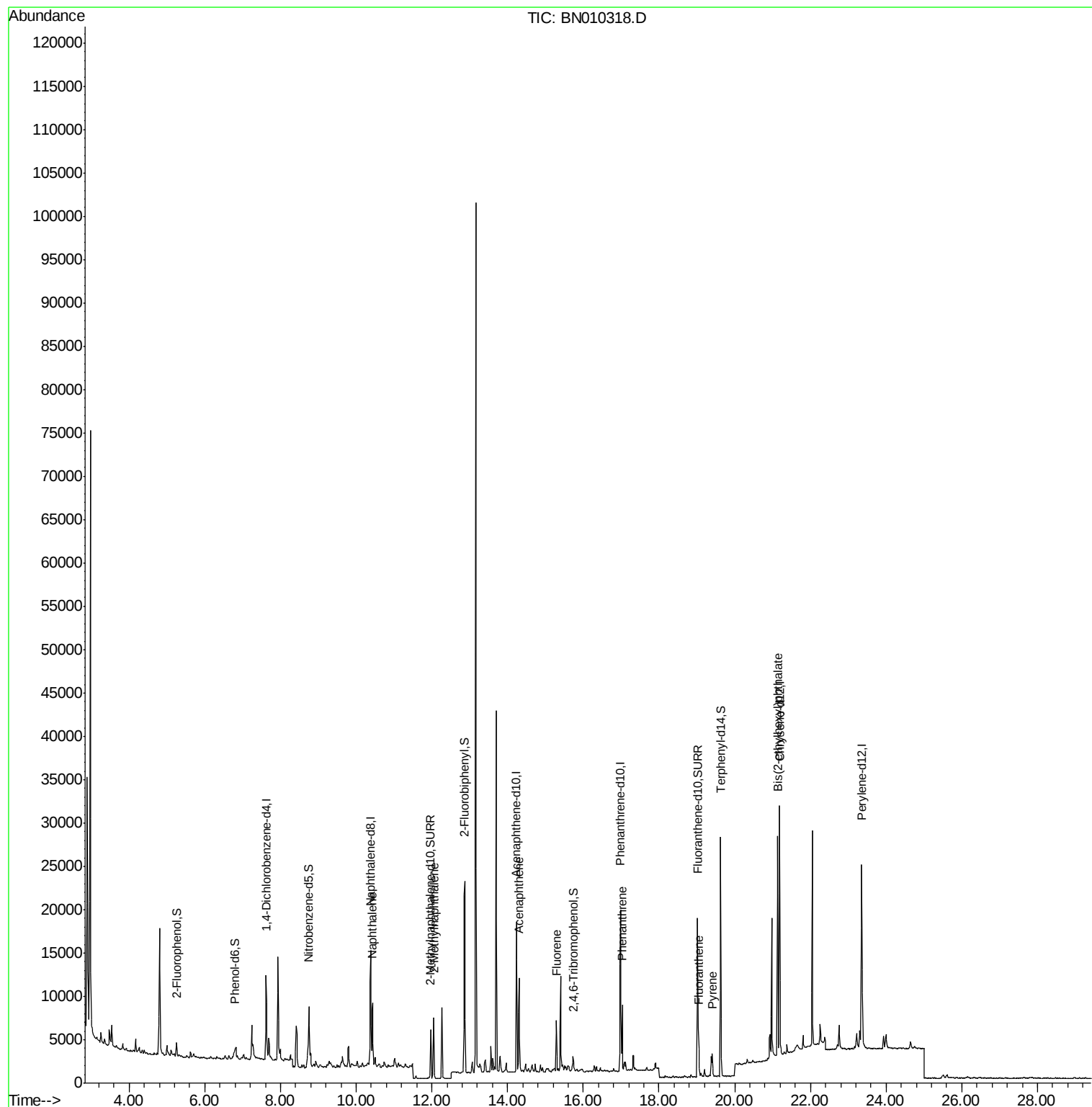
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.43	128	9855	0.241	ng	97
12) 2-Methylnaphthalene	12.05	142	4927	0.174	ng	97
17) Acenaphthene	14.30	154	4918	0.178	ng	97
18) Fluorene	15.29	166	3598	0.098	ng	96
23) Phenanthrene	17.03	178	8104	0.122	ng	99
26) Fluoranthene	19.05	202	2439	0.030	ng	99
28) Pyrene	19.41	202	2509	0.030	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.13	149	23270	0.809	ng	99

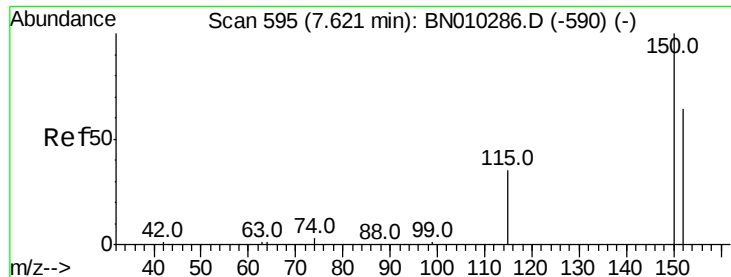
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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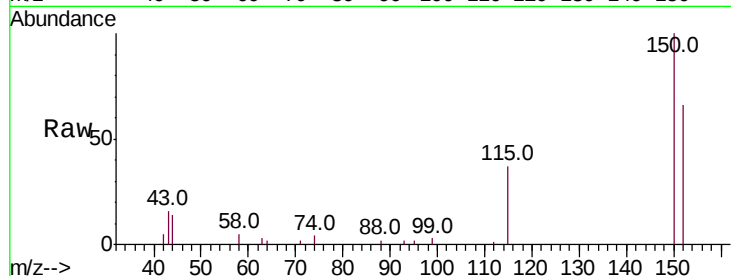


#1

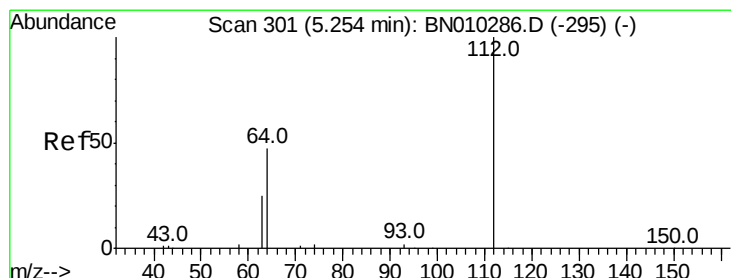
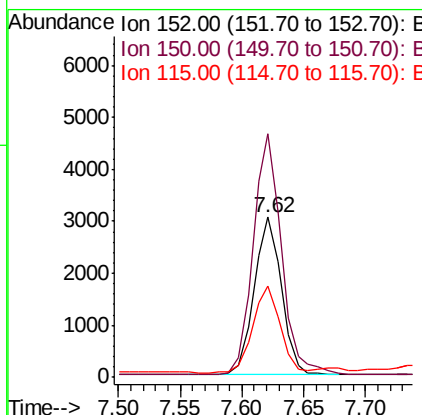
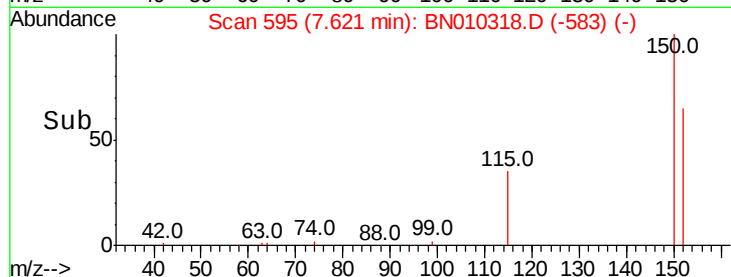
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. -0.00 min
Lab File: BN010318.D
Acq: 21 Mar 2020 00:31

Instrument :
BNA_N
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INDIAN-ISLAND-(3)

Tot Ion:152 Resp: 4640
Ion Ratio Lower Upper
152 100
150 152.2 123.1 184.7
115 56.7 45.2 67.8



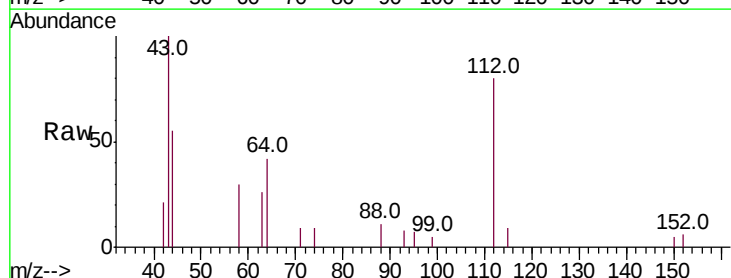
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



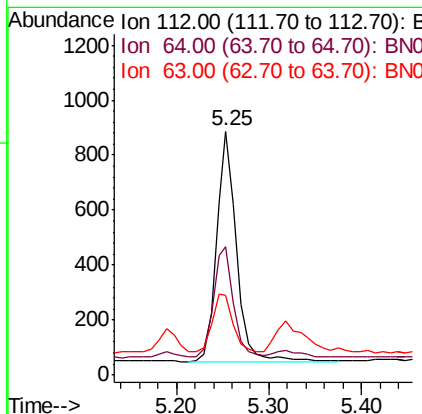
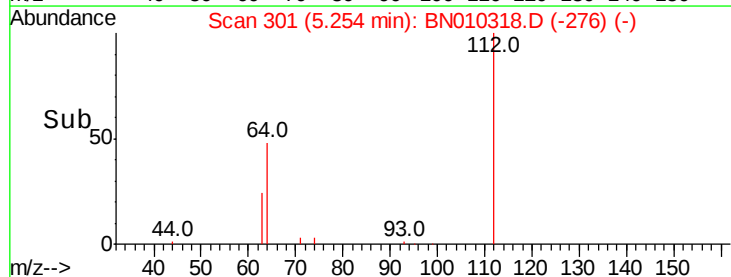
#4

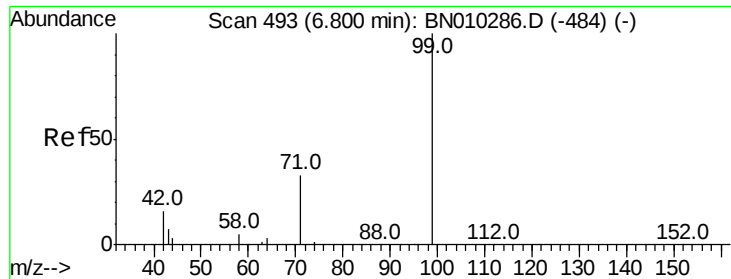
2-Fluorophenol
Concen: 0.136 ng
RT: 5.25 min Scan# 301
Delta R.T. -0.00 min
Lab File: BN010318.D
Acq: 21 Mar 2020 00:31

Tgt Ion:112 Resp: 1252
Ion Ratio Lower Upper
112 100
64 48.5 41.4 62.2
63 27.3 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: 0.081 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.00 min

Lab File: BN010318.D

Acq: 21 Mar 2020 00:31

Instrument :

BNA_N

ClientSampleId :

INDIAN-ISLAND-(3)

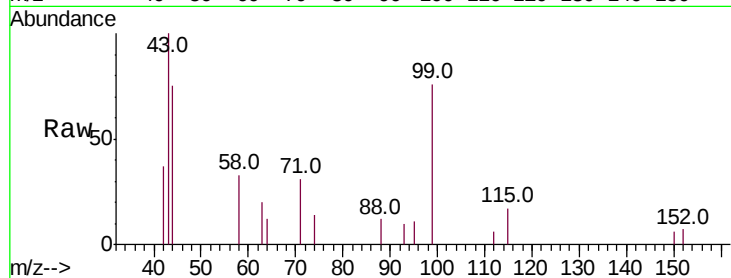
Tot Ion: 99 Resp: 929

Ion Ratio Lower Upper

99 100

42 31.9 14.8 22.2#

71 40.3 27.3 40.9

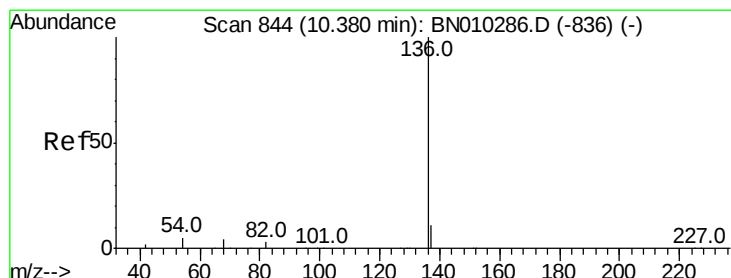
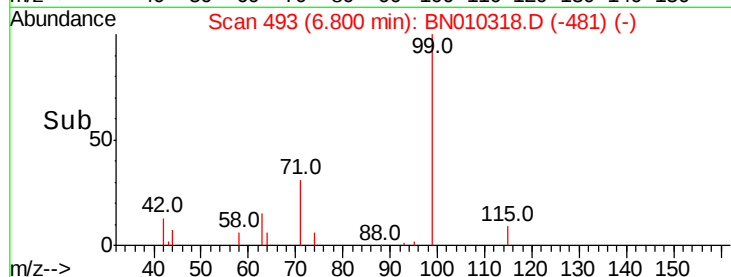


Abundance Ion 99.00 (98.70 to 99.70): BN010286.D (-484) (-)

Ion 42.00 (41.70 to 42.70): BN010286.D (-484) (-)

Ion 71.00 (70.70 to 71.70): BN010286.D (-484) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN010318.D

Acq: 21 Mar 2020 00:31

Tgt Ion: 136 Resp: 16420

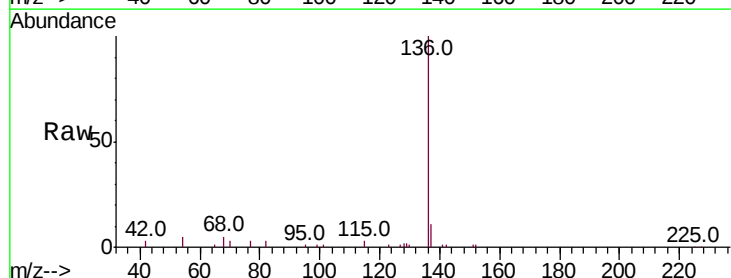
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 4.9 4.8 7.2

68 4.6 4.1 6.1



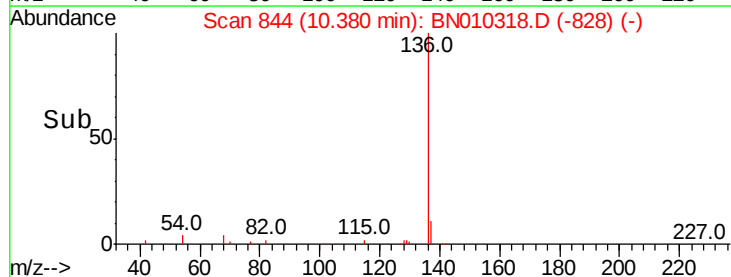
Abundance Ion 136.00 (135.70 to 136.70): BN010286.D (-836) (-)

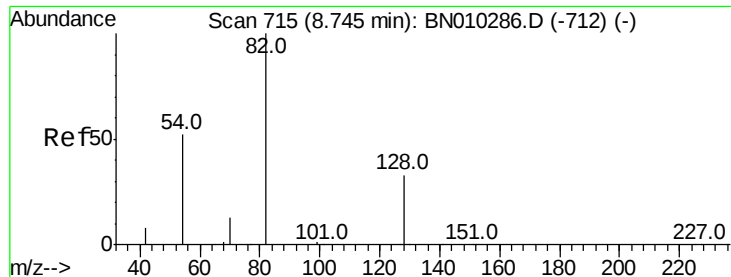
Ion 137.00 (136.70 to 137.70): BN010286.D (-836) (-)

Ion 54.00 (53.70 to 54.70): BN010286.D (-836) (-)

Ion 68.00 (67.70 to 68.70): BN010286.D (-836) (-)

Time-->

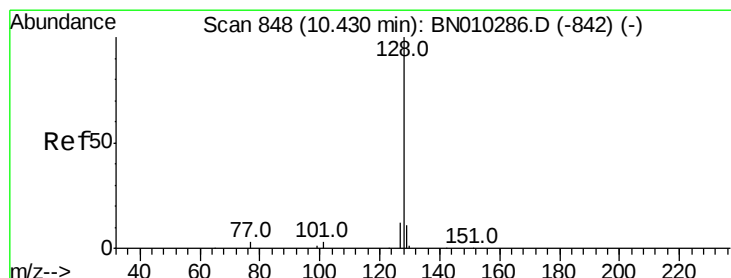
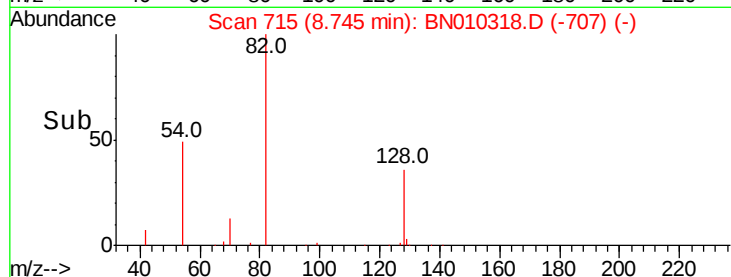
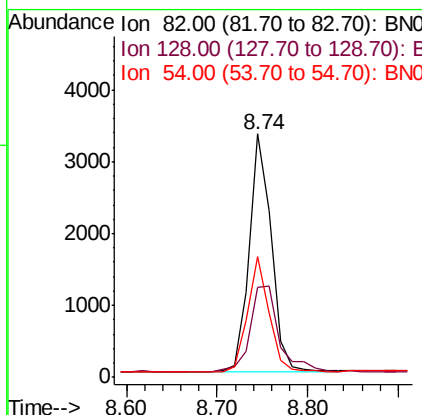
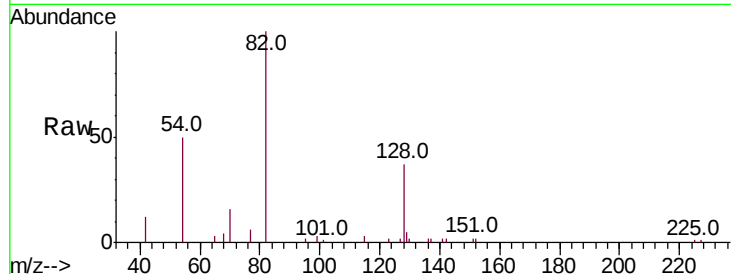




#8
 Nitrobenzene-d5
 Concen: 0.536 ng
 RT: 8.74 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BN010318.D
 Acq: 21 Mar 2020 00:31

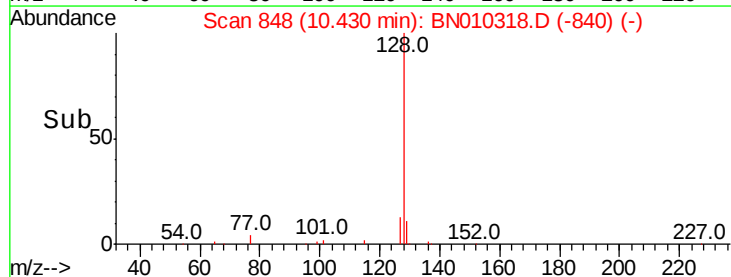
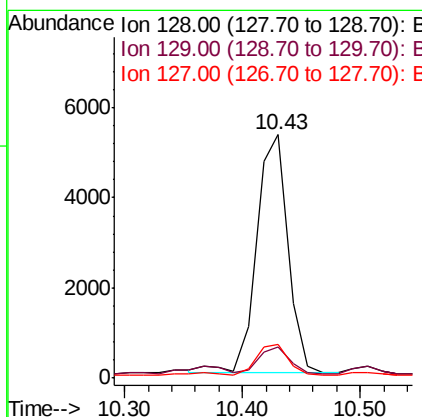
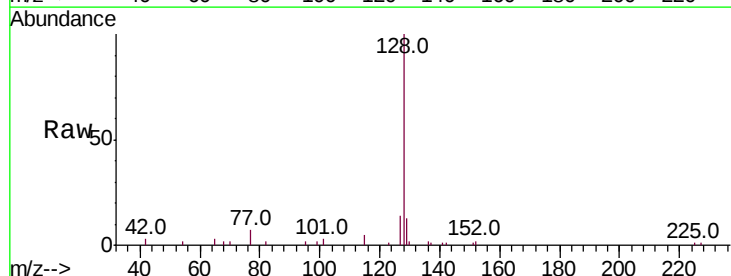
Instrument :
 BNA_N
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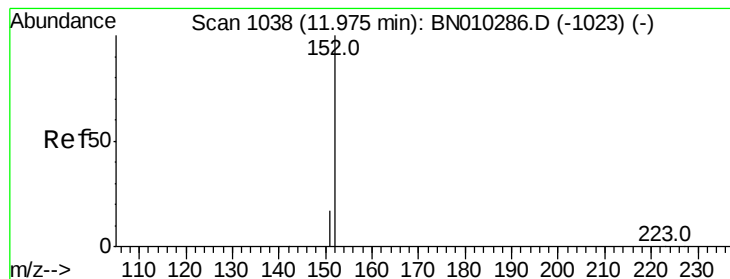
Tot Ion	82	Resp	5639
Ion Ratio	Lower	Upper	
82	100		
128	37.1	28.8	43.2
54	49.8	42.1	63.1



#9
 Naphthalene
 Concen: 0.241 ng
 RT: 10.43 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BN010318.D
 Acq: 21 Mar 2020 00:31

Tgt Ion	128	Resp	9855
Ion Ratio	Lower	Upper	
128	100		
129	13.0	9.1	13.7
127	13.9	10.4	15.6

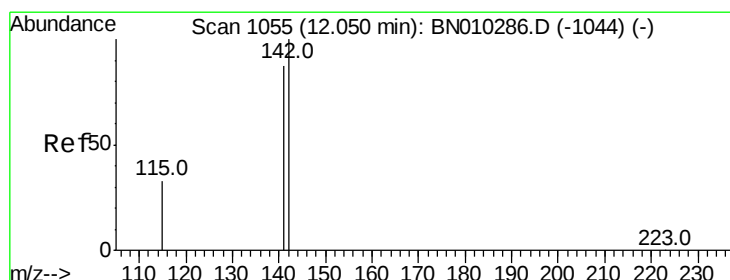
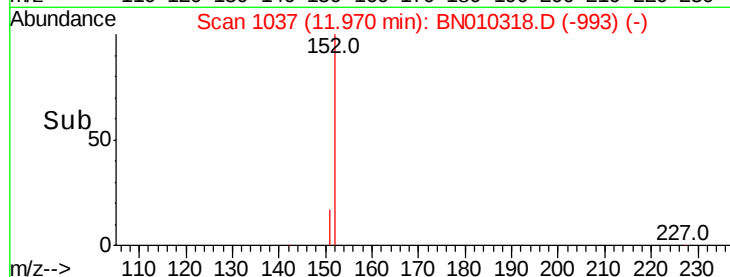
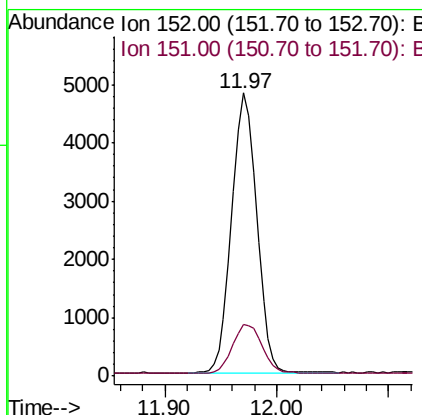
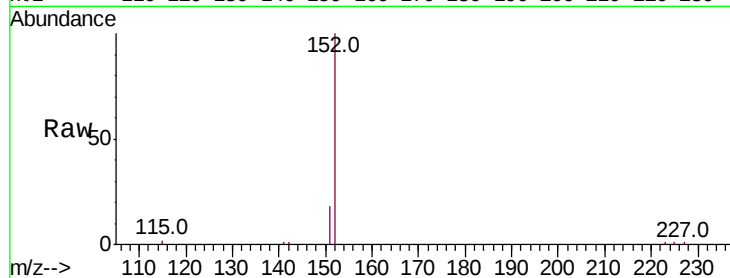




#11
2-Methylnaphthalene-d10
Concen: 0.283 ng
RT: 11.97 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN010318.D
Acq: 21 Mar 2020 00:31

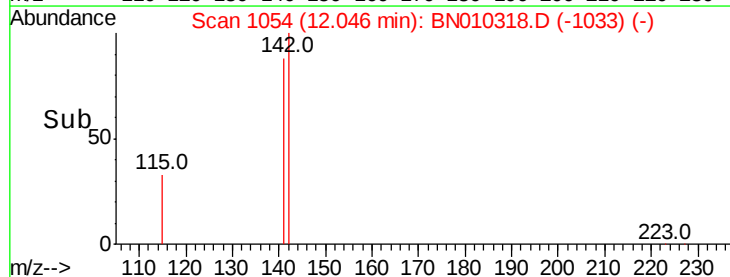
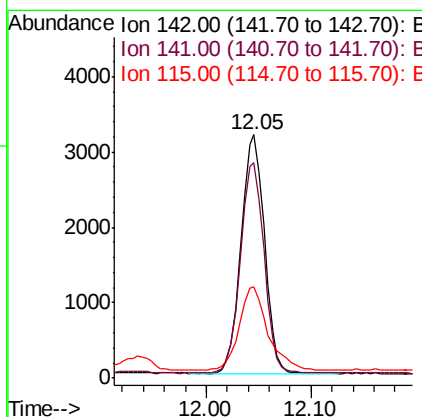
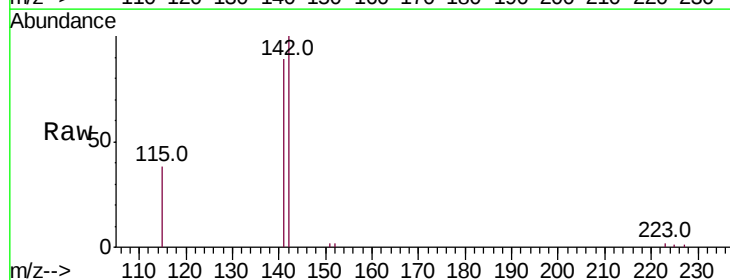
Instrument :
BNA_N
ClientSampleId :
INDIAN-ISLAND-(3)

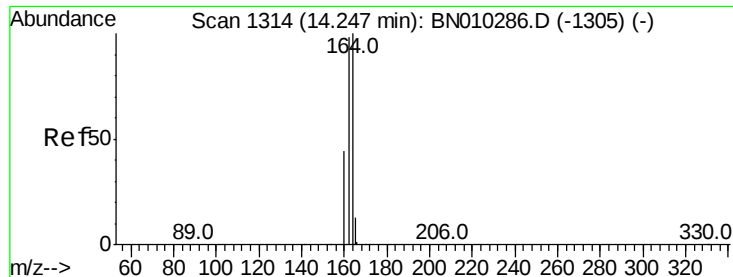
Tot Ion:152 Resp: 7423
Ion Ratio Lower Upper
152 100
151 20.4 15.4 23.2



#12
2-Methylnaphthalene
Concen: 0.174 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BN010318.D
Acq: 21 Mar 2020 00:31

Tgt Ion:142 Resp: 4927
Ion Ratio Lower Upper
142 100
141 88.6 69.5 104.3
115 37.5 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: BN010318.D

Acq: 21 Mar 2020 00:31

Instrument :

BNA_N

ClientSampleId :

INDIAN-ISLAND-(3)

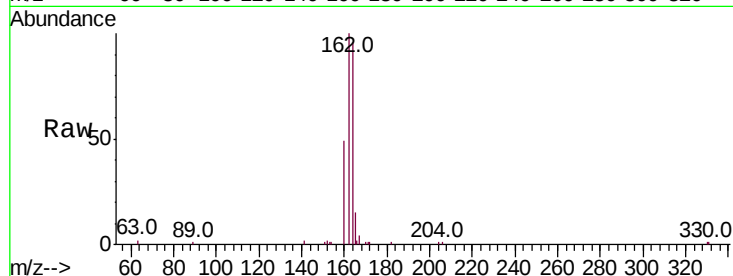
Tot Ion:164 Resp: 9867

Ion Ratio Lower Upper

164 100

162 103.8 78.2 117.2

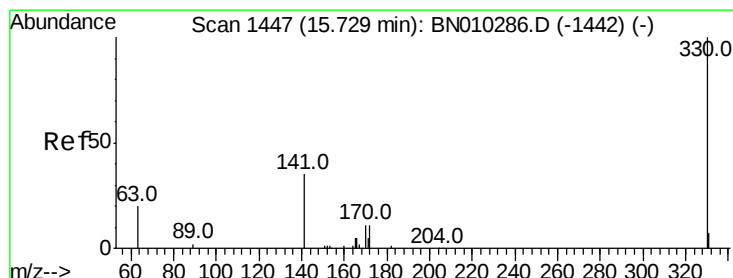
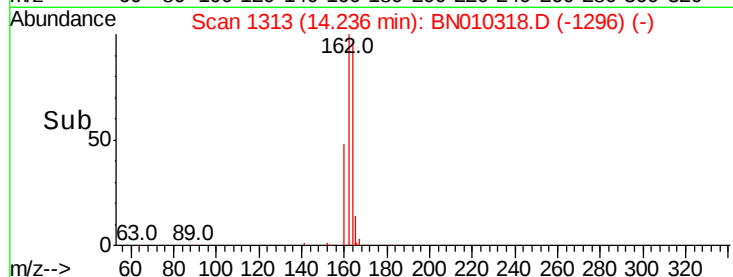
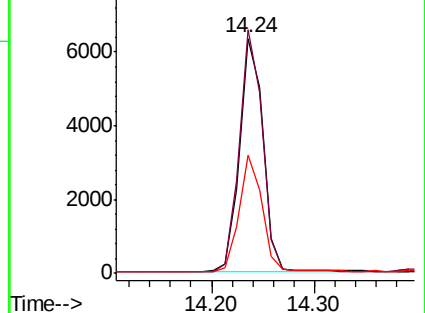
160 50.5 35.8 53.6



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: 0.298 ng

RT: 15.73 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BN010318.D

Acq: 21 Mar 2020 00:31

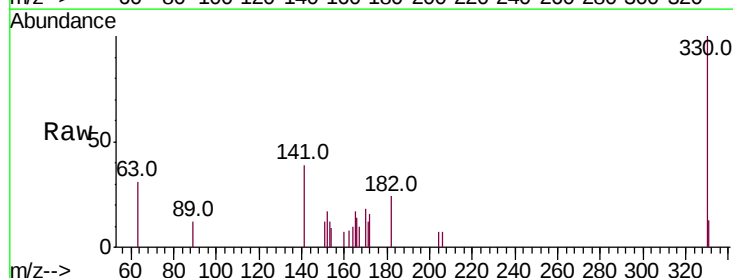
Tgt Ion:330 Resp: 1129

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

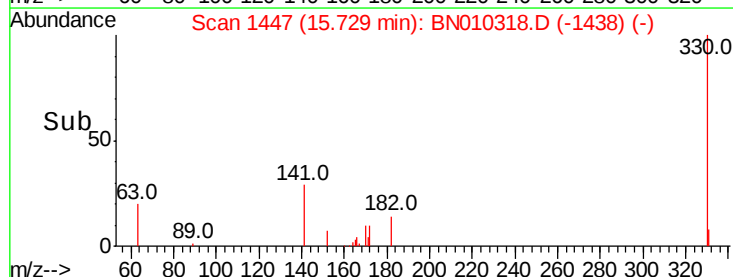
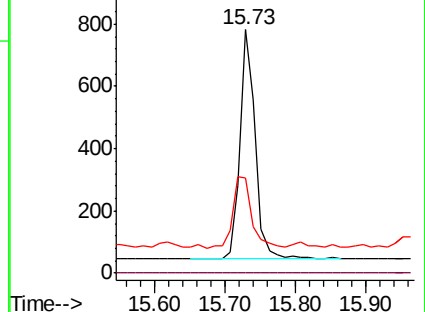
141 38.4 29.3 43.9

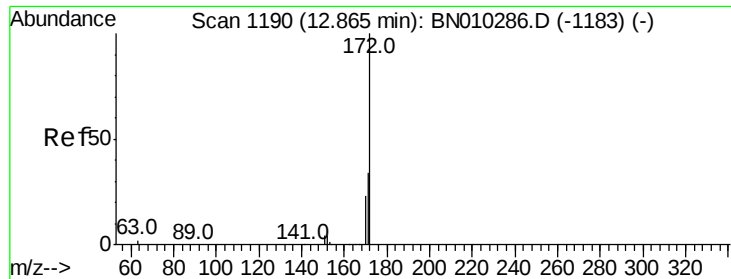


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

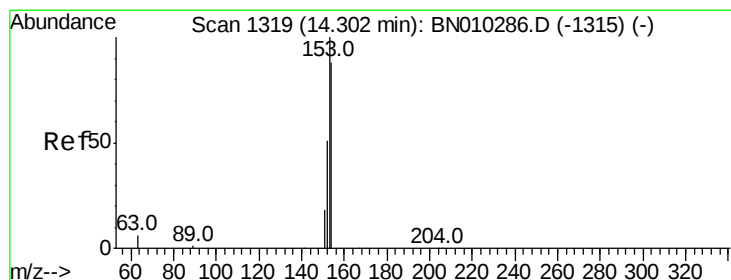
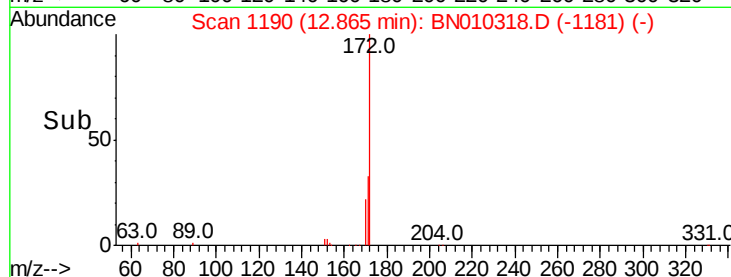
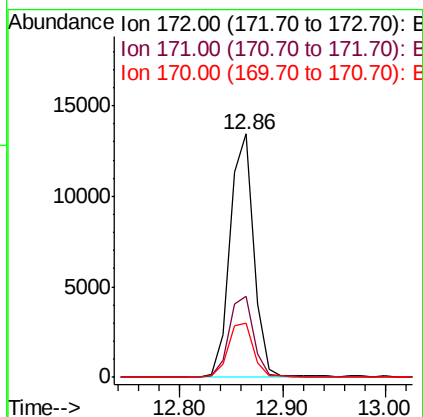
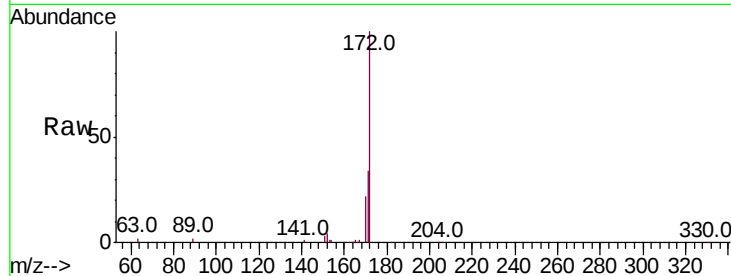




#15
2-Fluorobiphenyl
Concen: 0.561 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010318.D
Acq: 21 Mar 2020 00:31

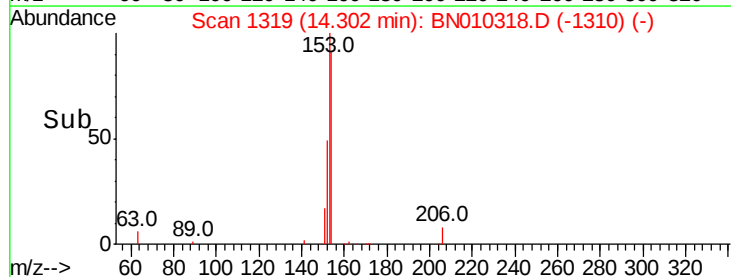
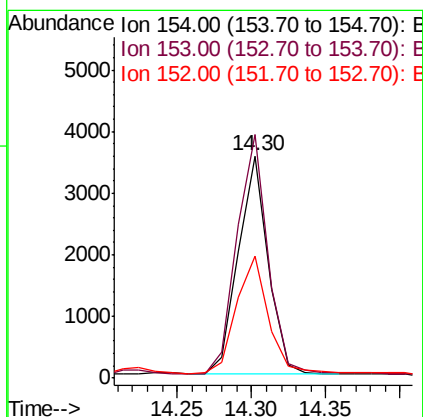
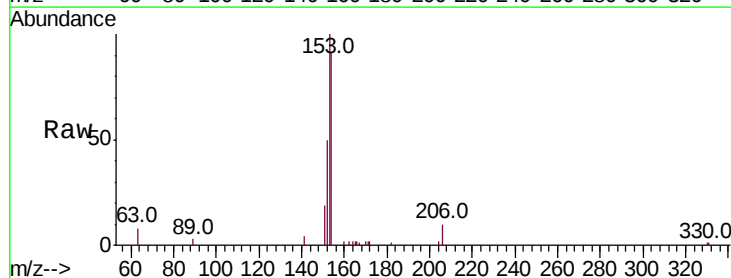
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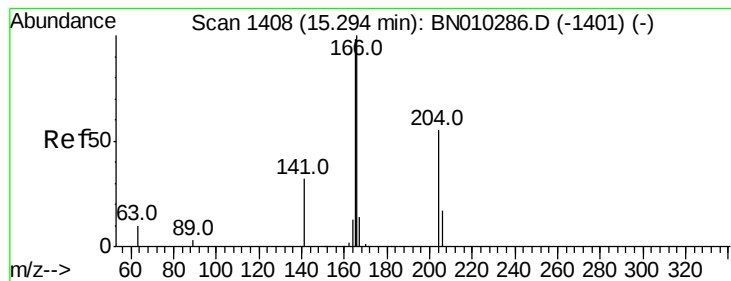
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.6	41.4
170	22.1	18.5	27.7



#17
Acenaphthene
Concen: 0.178 ng
RT: 14.30 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BN010318.D
Acq: 21 Mar 2020 00:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	88.1	132.1
152	58.4	45.5	68.3





#18

Fluorene

Concen: 0.098 ng

RT: 15.29 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BN010318.D

Acq: 21 Mar 2020 00:31

Instrument :

BNA_N

ClientSampleId :

INDIAN-ISLAND-(3)

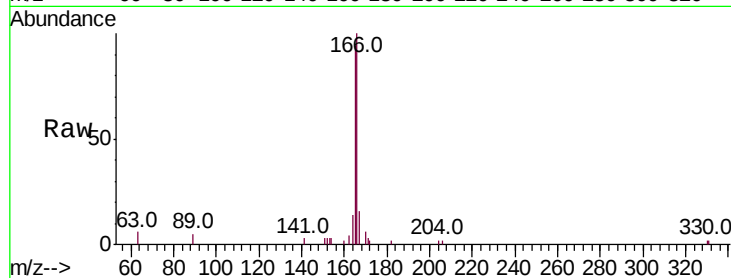
Tot Ion:166 Resp: 3598

Ion Ratio Lower Upper

166 100

165 94.1 78.7 118.1

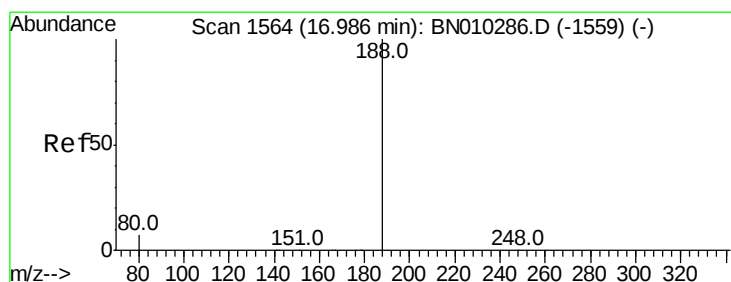
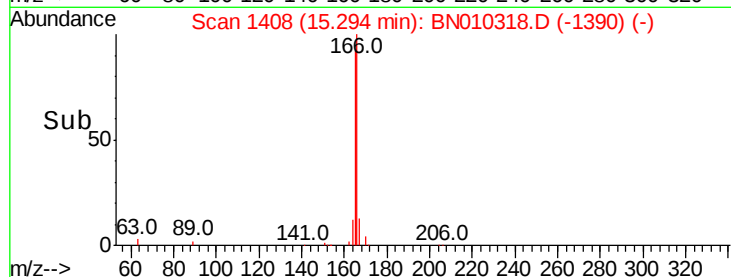
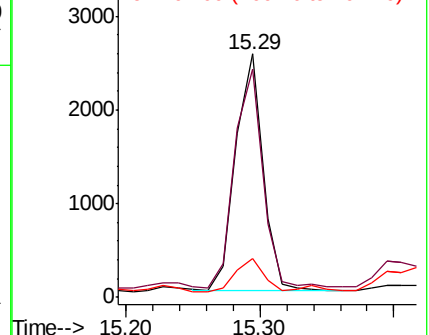
167 14.6 11.0 16.4



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: BN010318.D

Acq: 21 Mar 2020 00:31

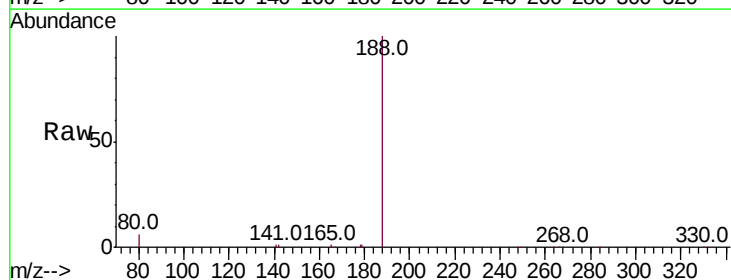
Tgt Ion:188 Resp: 24101

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

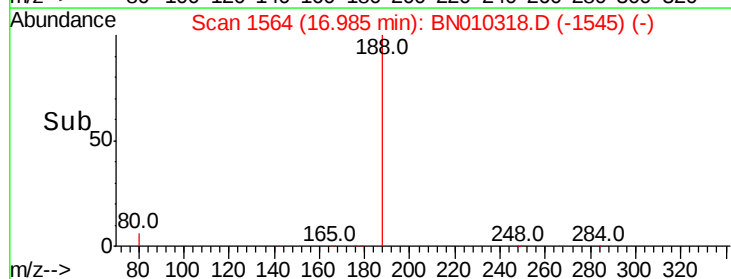
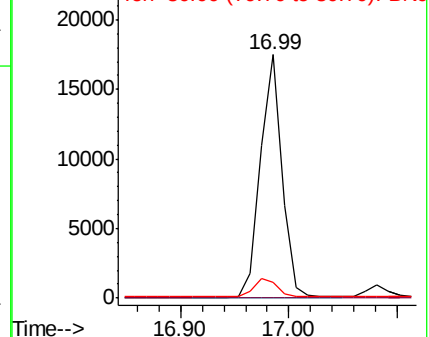
80 6.4 6.0 9.0

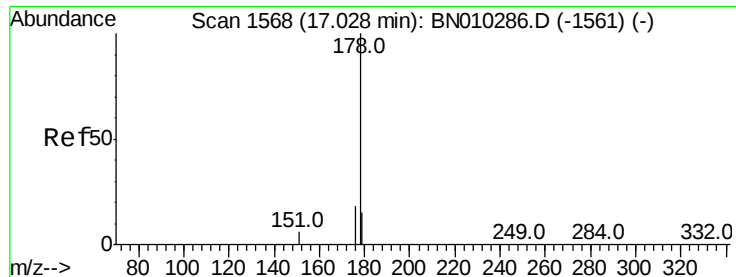


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#23

Phenanthrene

Concen: 0.122 ng

RT: 17.03 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BN010318.D

Acq: 21 Mar 2020 00:31

Instrument :

BNA_N

ClientSampleId :

INDIAN-ISLAND-(3)

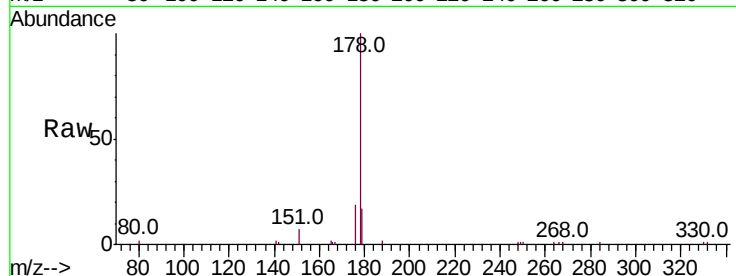
Tot Ion:178 Resp: 8104

Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

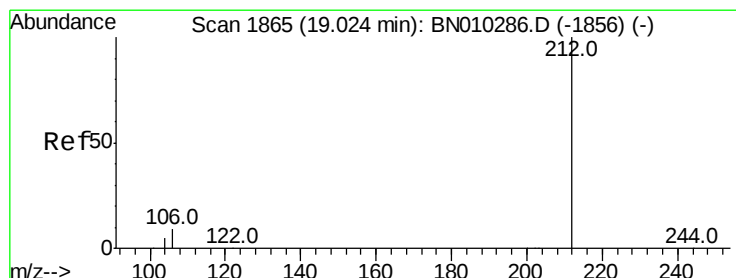
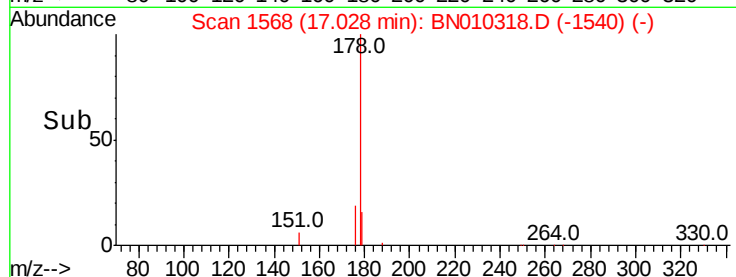
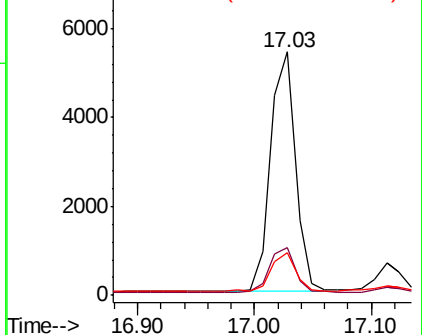
179 16.4 12.4 18.6



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



#25

Fluoranthene-d10

Concen: 0.293 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BN010318.D

Acq: 21 Mar 2020 00:31

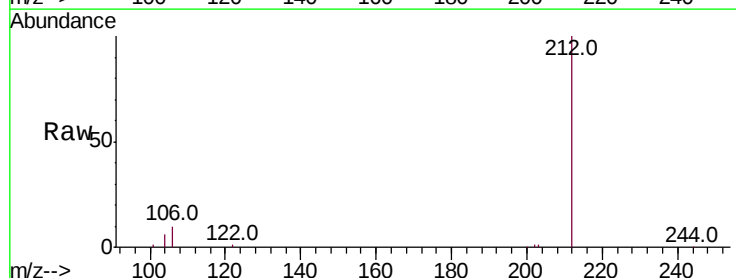
Tgt Ion:212 Resp: 21327

Ion Ratio Lower Upper

212 100

106 9.7 7.4 11.2

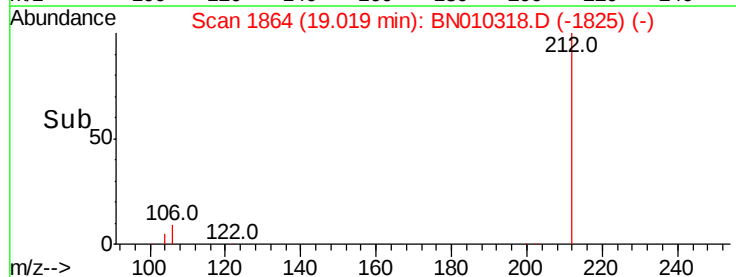
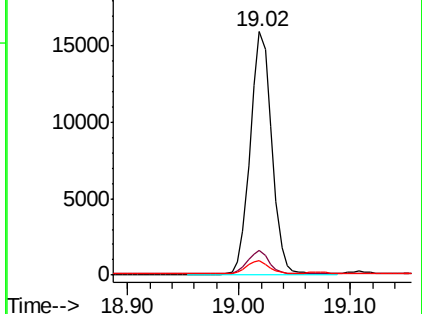
104 5.4 4.2 6.4

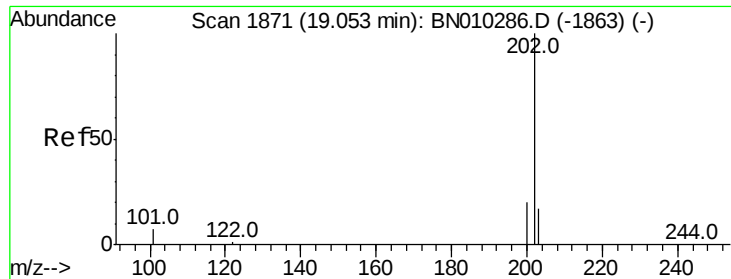


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

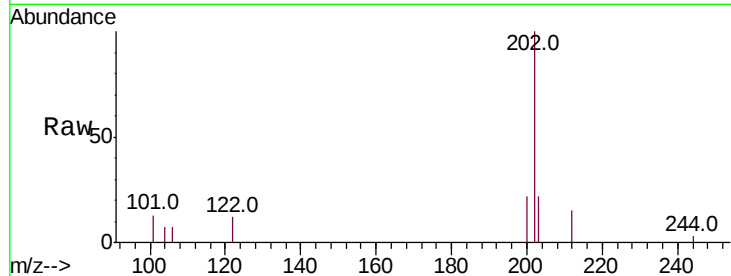




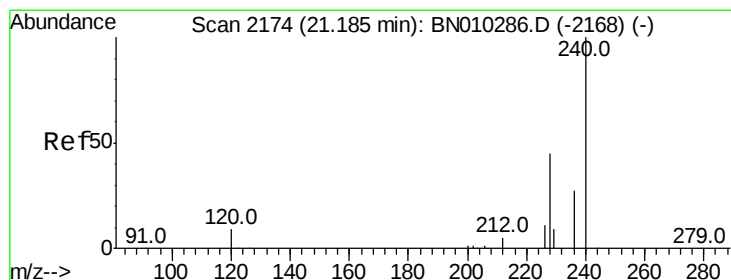
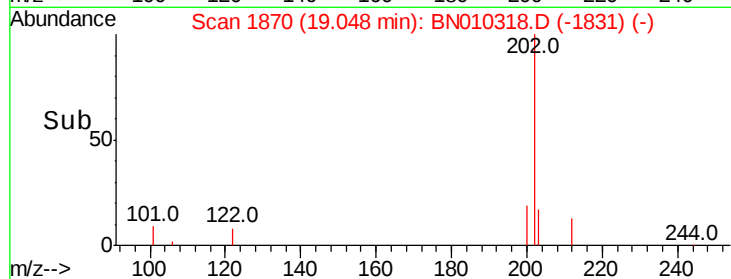
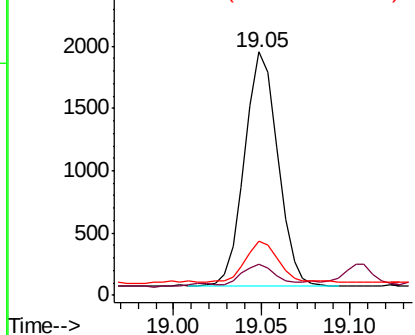
#26
 Fluoranthene
 Concen: 0.030 ng
 RT: 19.05 min Scan# 1870
 Delta R.T. -0.01 min
 Lab File: BN010318.D
 Acq: 21 Mar 2020 00:31

Instrument :
 BNA_N
 ClientSampleId :
 INDIAN-ISLAND-(3)

Tot Ion:202 Resp: 2439
 Ion Ratio Lower Upper
 202 100
 101 8.7 6.6 9.8
 203 17.2 13.8 20.8

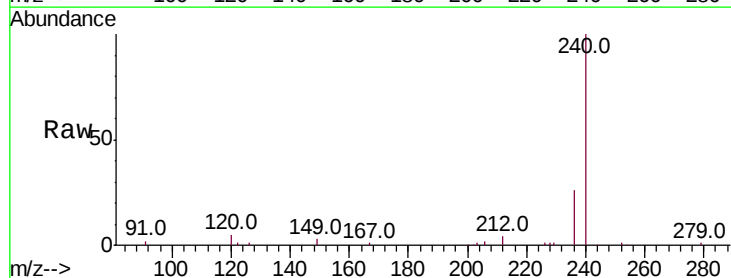


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

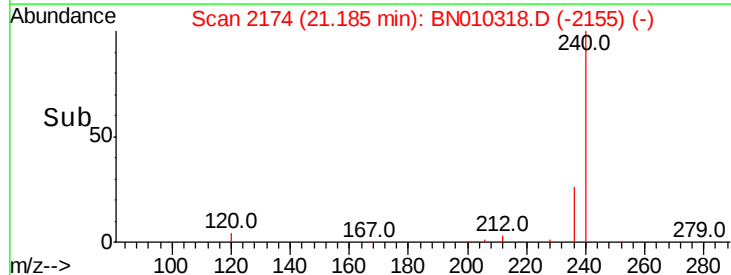
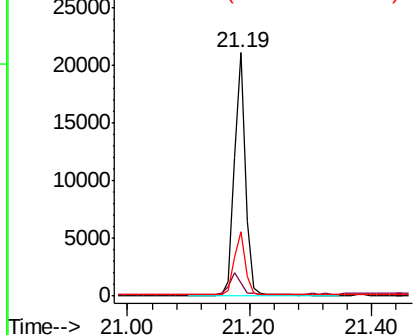


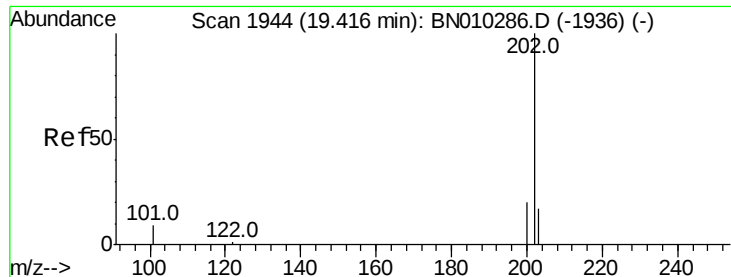
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.19 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BN010318.D
 Acq: 21 Mar 2020 00:31

Tgt Ion:240 Resp: 26759
 Ion Ratio Lower Upper
 240 100
 120 5.4 7.9 11.9#
 236 26.2 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

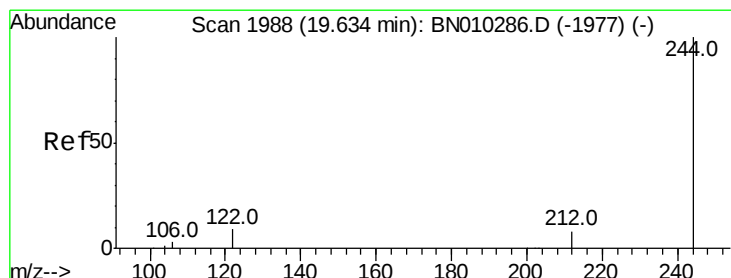
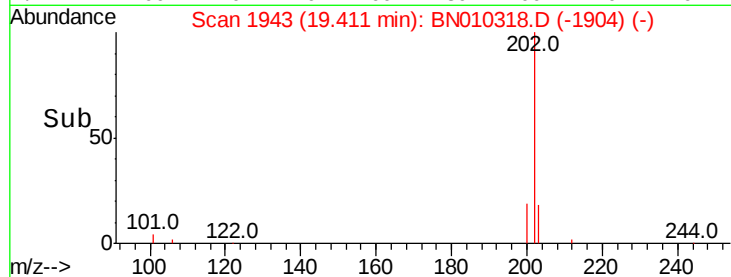
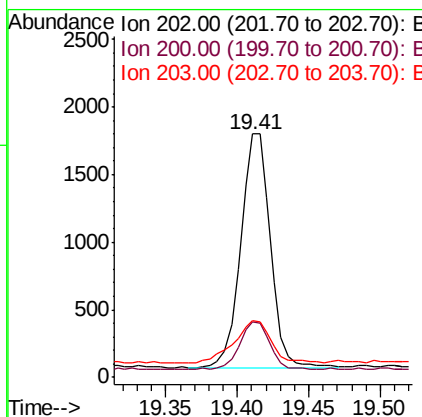
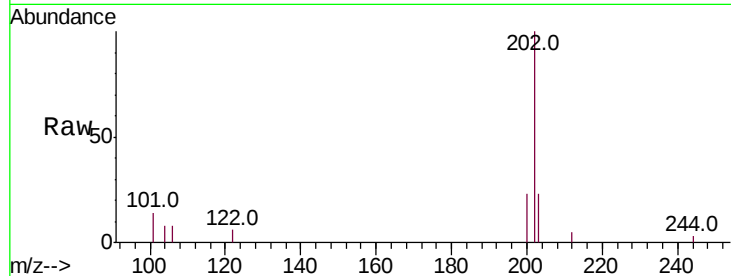




#28
Pvrene
Concen: 0.030 ng
RT: 19.41 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BN010318.D
Acq: 21 Mar 2020 00:31

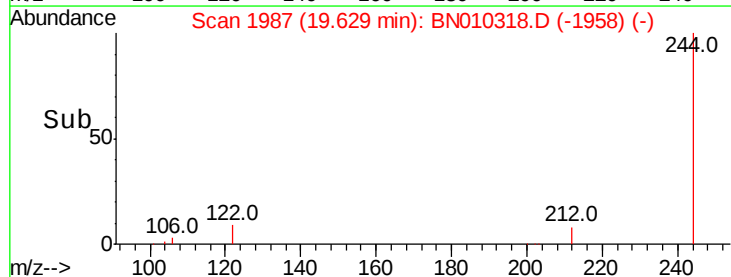
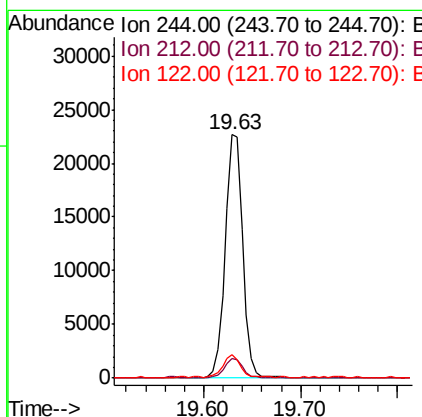
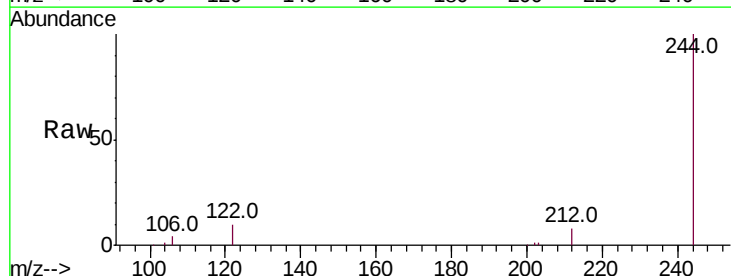
Instrument :
BNA_N
ClientSampleId :
INDIAN-ISLAND-(3)

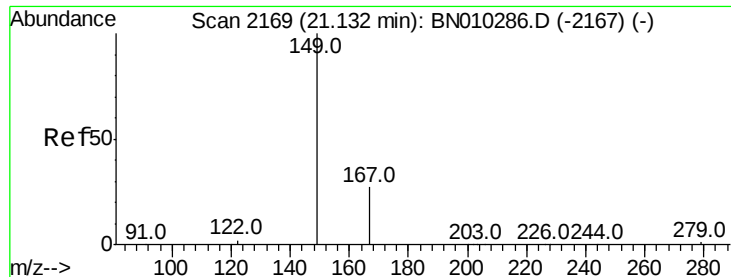
Tot Ion:202 Resp: 2509
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.4
203 23.5 14.2 21.2#



#29
Terphenyl-d14
Concen: 0.484 ng
RT: 19.63 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BN010318.D
Acq: 21 Mar 2020 00:31

Tgt Ion:244 Resp: 28006
Ion Ratio Lower Upper
244 100
212 8.2 6.3 9.5
122 9.5 7.6 11.4





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.809 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BN010318.D

Acq: 21 Mar 2020 00:31

Instrument :

BNA_N

ClientSampleId :

INDIAN-ISLAND-(3)

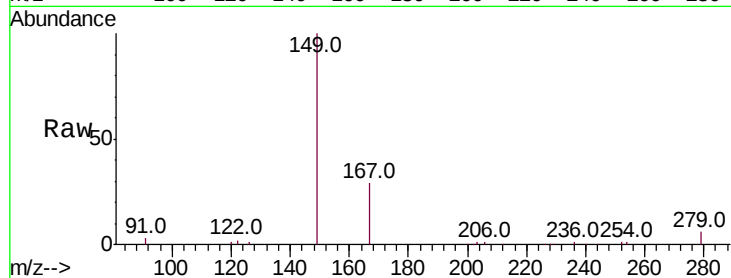
Tot Ion:149 Resp: 23270

Ion Ratio Lower Upper

149 100

167 28.5 23.0 34.6

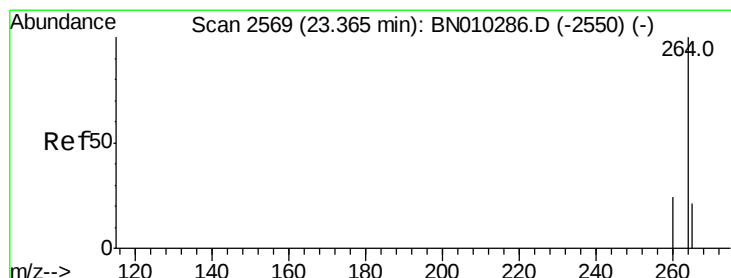
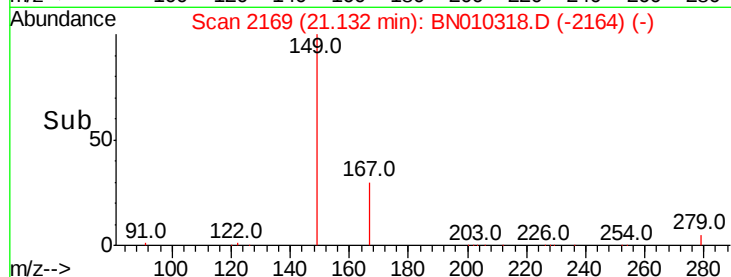
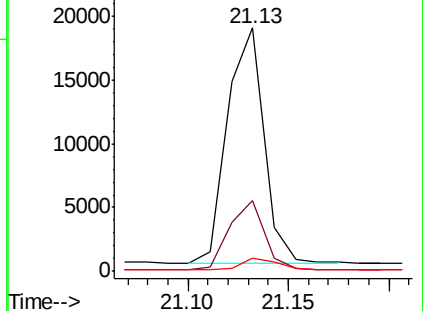
279 5.0 3.8 5.8



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: 23.35 min Scan# 2566

Delta R.T. -0.01 min

Lab File: BN010318.D

Acq: 21 Mar 2020 00:31

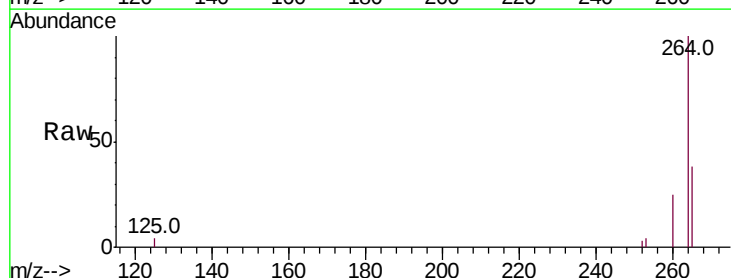
Tgt Ion:264 Resp: 27704

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 37.9 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

