

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
 Data File : BN010831.D
 Acq On : 10 Jun 2020 23:27
 Operator : CG/JU
 Sample : L2904-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VE-1-4

Quant Time: Jun 11 00:46:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 15:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3036	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	11415	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	10266	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	13934	0.40	ng	0.00
27) Chrysene-d12	21.13	240	13450	0.40	ng	0.00
34) Perylene-d12	23.28	264	14474	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	1076	0.18	ng	0.00
5) Phenol-d6	6.75	99	732	0.11	ng	0.00
8) Nitrobenzene-d5	8.69	82	2913	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.90	152	5763	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	1211	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	9153	0.23	ng	0.00
25) Fluoranthene-d10	18.97	212	15010	0.39	ng	0.00
29) Terphenyl-d14	19.58	244	12670	0.40	ng	0.00

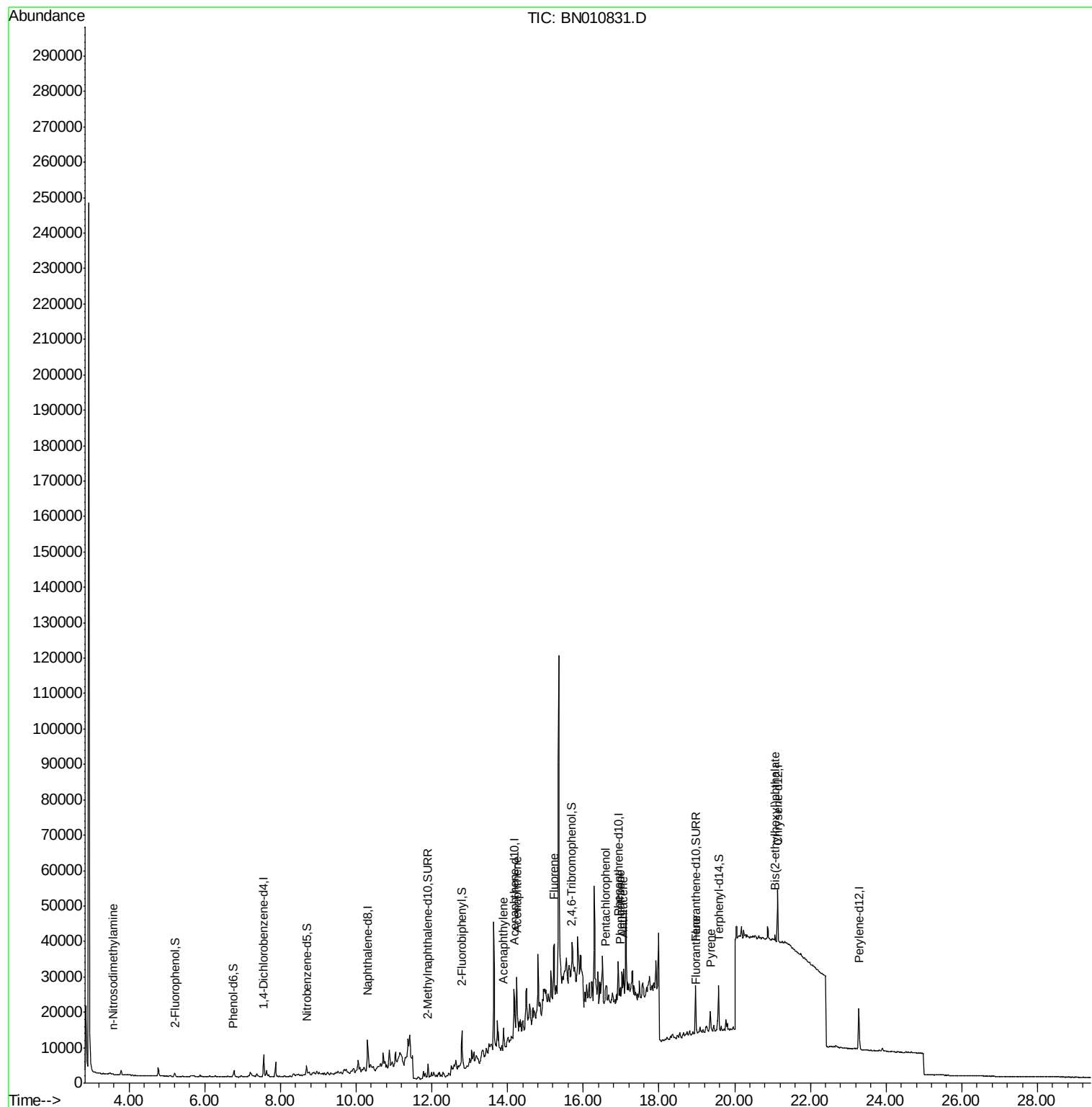
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.59	42	45	0.026	ng	# 1
16) Acenaphthylene	13.90	152	2755	0.066	ng	# 1
17) Acenaphthene	14.24	154	8455	0.295	ng	# 75
18) Fluorene	15.23	166	8677	0.235	ng	# 96
22) Pentachlorophenol	16.59	266	87	0.030	ng	# 66
23) Phenanthrene	16.97	178	820	0.022	ng	# 16
24) Anthracene	17.06	178	2880	0.091	ng	# 1
26) Fluoranthene	19.00	202	1290	0.030	ng	# 90
28) Pyrene	19.36	202	4897	0.110	ng	# 95
32) Bis(2-ethylhexyl)phthalate	21.07	149	1367	0.104	ng	# 91

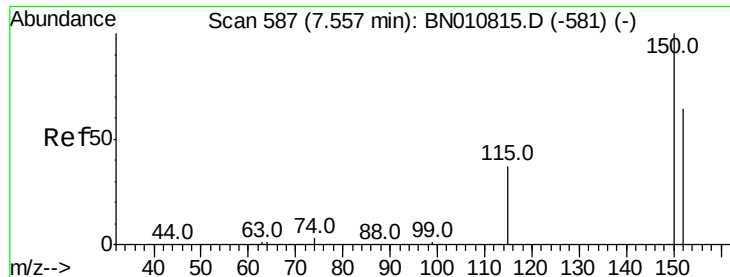
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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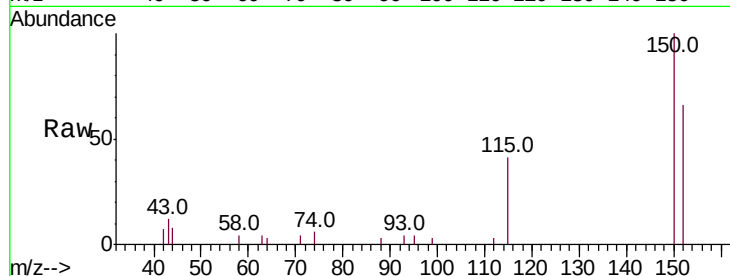


#1

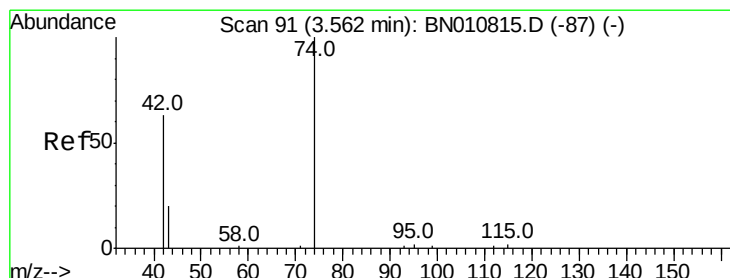
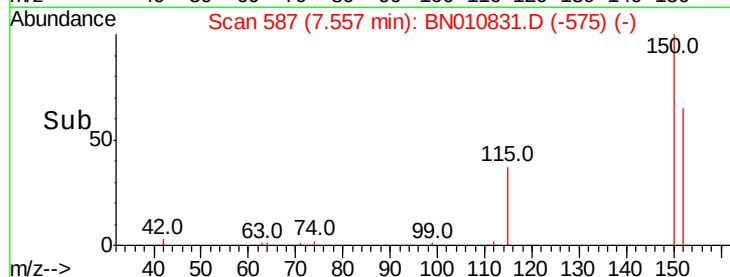
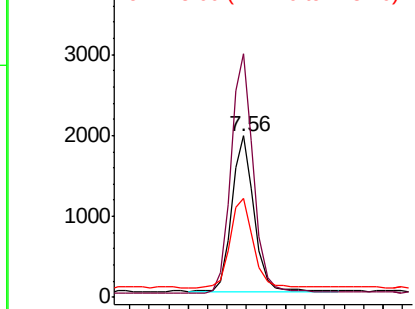
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.00 min
Lab File: BN010831.D
Acq: 10 Jun 2020 23:27

Instrument :
BNA_N
ClientSampleId :
VE-1-4

Tot Ion:152 Resp: 3036
Ion Ratio Lower Upper
152 100
150 151.2 123.8 185.6
115 61.4 49.2 73.8



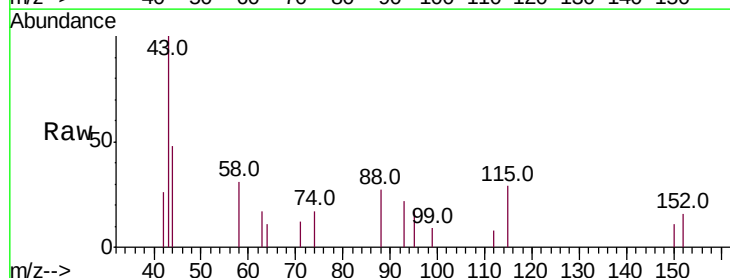
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



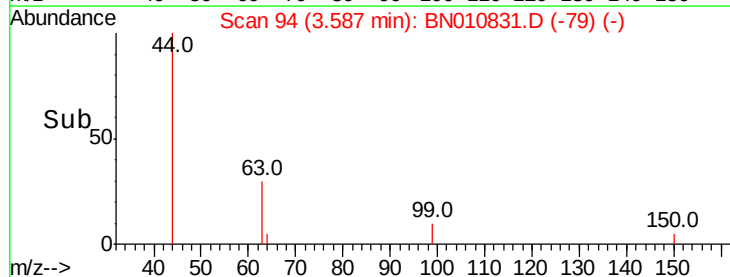
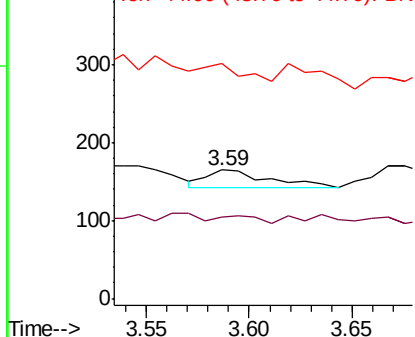
#3

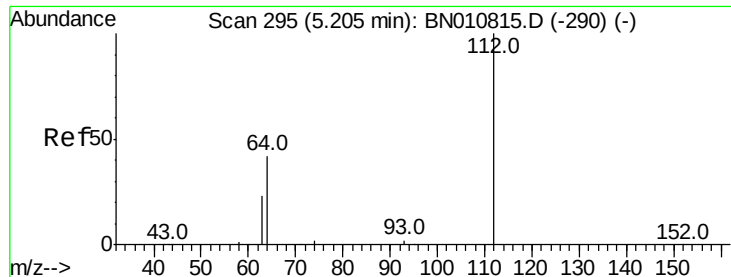
n-Nitrosodimethylamine
Concen: 0.026 ng
RT: 3.59 min Scan# 94
Delta R.T. 0.02 min
Lab File: BN010831.D
Acq: 10 Jun 2020 23:27

Tgt Ion: 42 Resp: 45
Ion Ratio Lower Upper
42 100
74 0.0 140.7 211.1#
44 0.0 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.184 ng

RT: 5.21 min Scan# 295

Delta R.T. 0.00 min

Lab File: BN010831.D

Acq: 10 Jun 2020 23:27

Instrument :

BNA_N

ClientSampleId :

VE-1-4

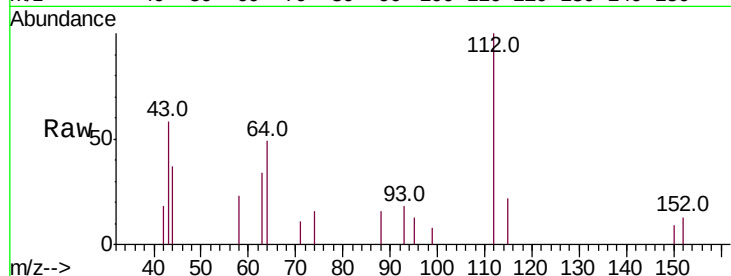
Tot Ion:112 Resp: 1076

Ion Ratio Lower Upper

112 100

64 41.7 37.4 56.0

63 22.2 22.2 33.4#

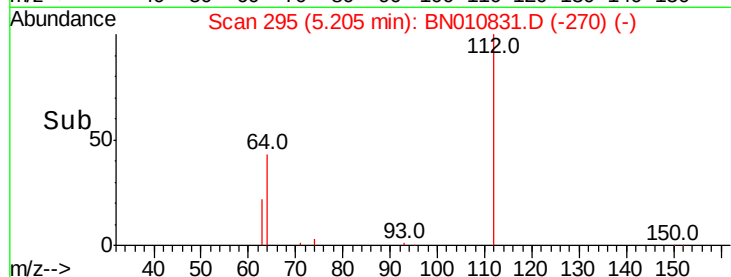


Abundance Ion 112.00 (111.70 to 112.70): B

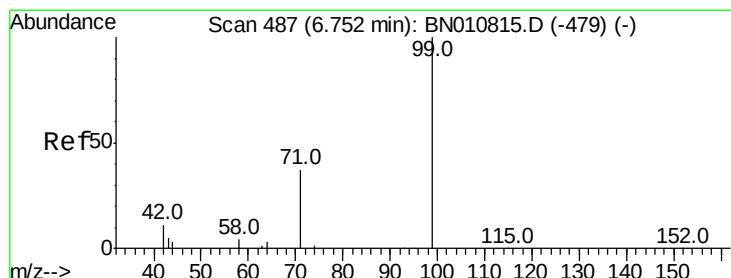
Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B

Time-->



Time-->



#5

Phenol-d6

Concen: 0.106 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN010831.D

Acq: 10 Jun 2020 23:27

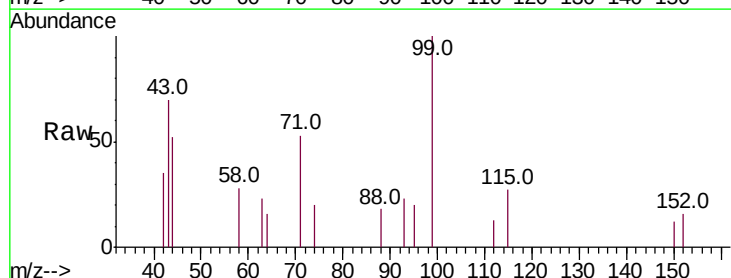
Tgt Ion: 99 Resp: 732

Ion Ratio Lower Upper

99 100

42 12.2 11.1 16.7

71 70.5 31.4 47.2#

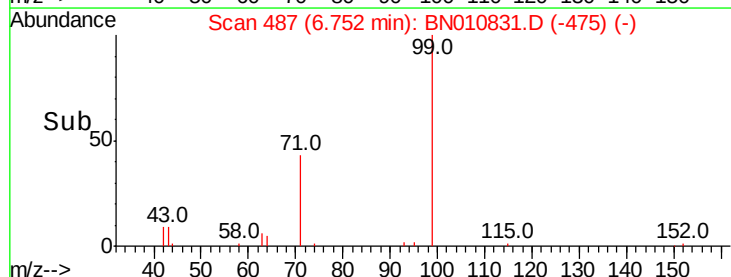


Abundance Ion 99.00 (98.70 to 99.70): B

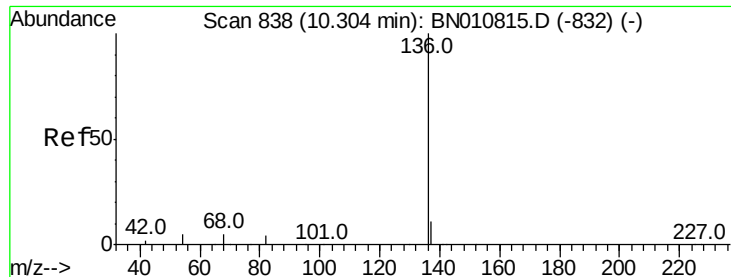
Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010831.D

Acq: 10 Jun 2020 23:27

Instrument :

BNA_N

ClientSampleId :

VE-1-4

Tot Ion:136 Resp: 11415

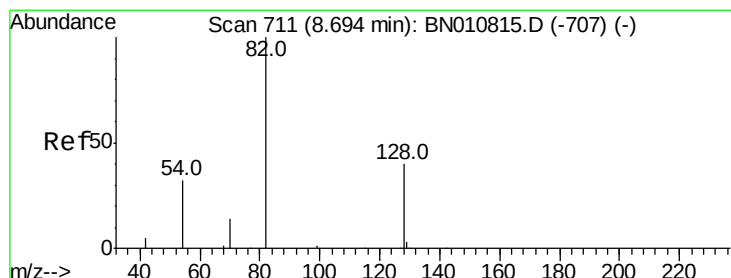
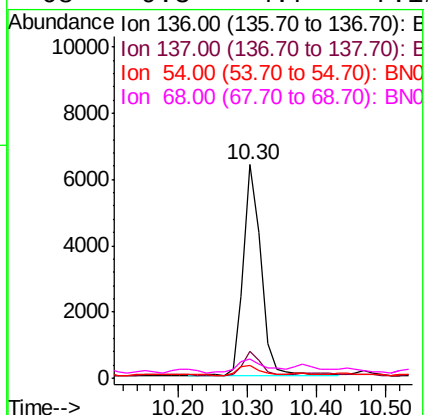
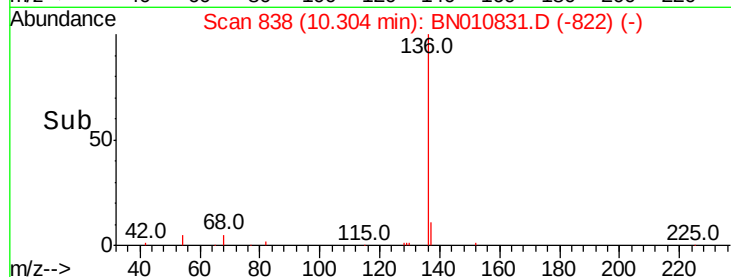
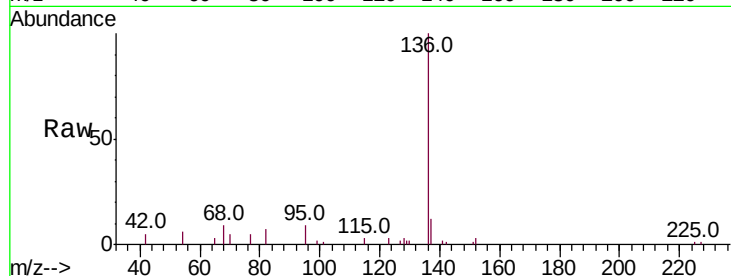
Ion Ratio Lower Upper

136 100

137 12.5 9.7 14.5

54 6.3 4.9 7.3

68 9.3 4.7 7.1#



#8

Nitrobenzene-d5

Concen: 0.345 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN010831.D

Acq: 10 Jun 2020 23:27

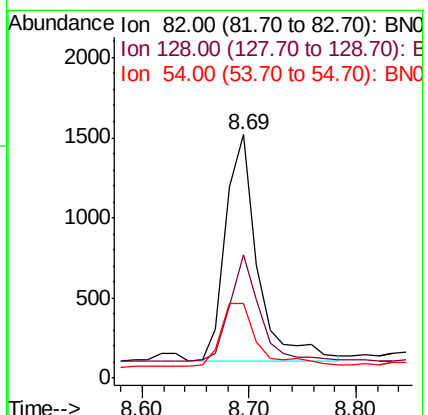
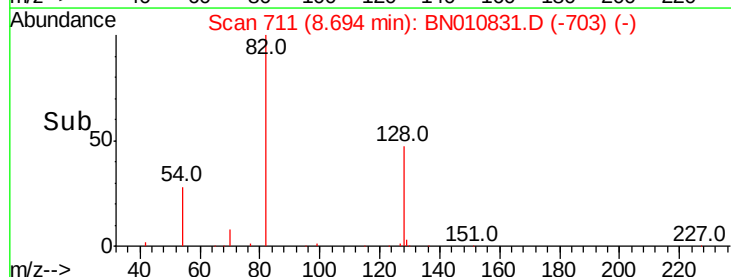
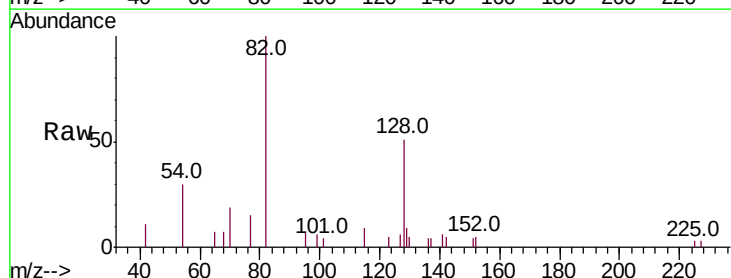
Tgt Ion: 82 Resp: 2913

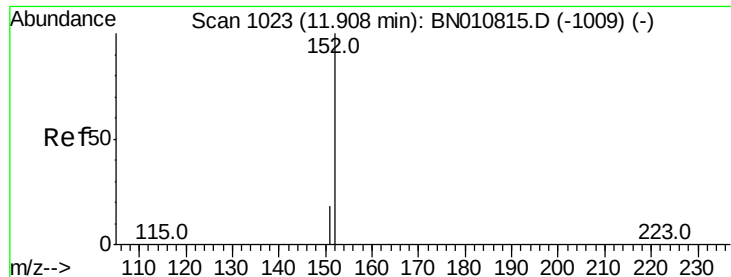
Ion Ratio Lower Upper

82 100

128 50.8 35.4 53.0

54 30.5 28.2 42.4

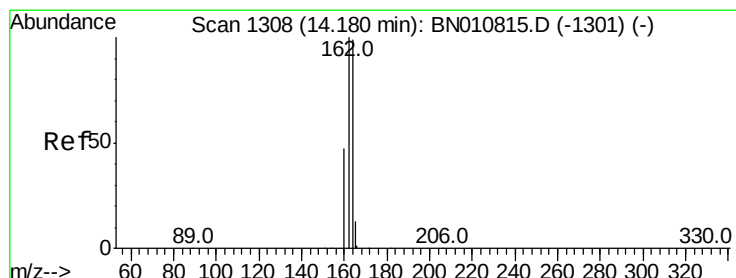
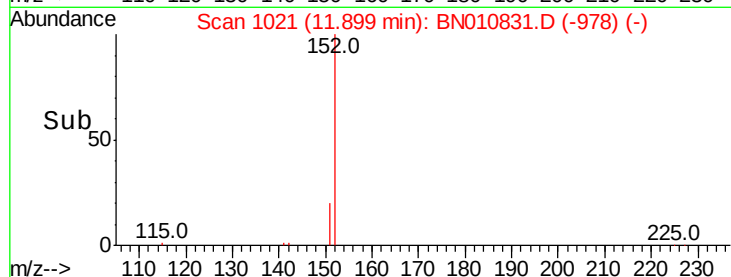
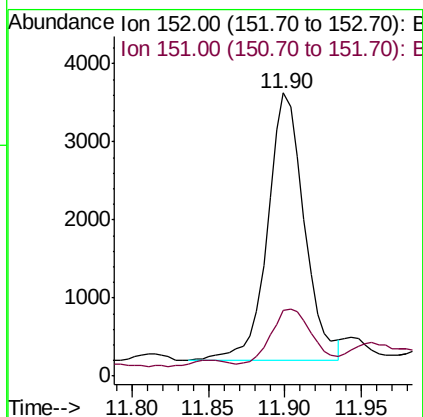
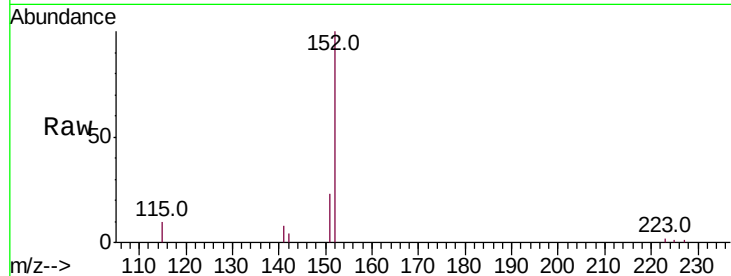




#11
2-Methylnaphthalene-d10
Concen: 0.325 ng
RT: 11.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BN010831.D
Acq: 10 Jun 2020 23:27

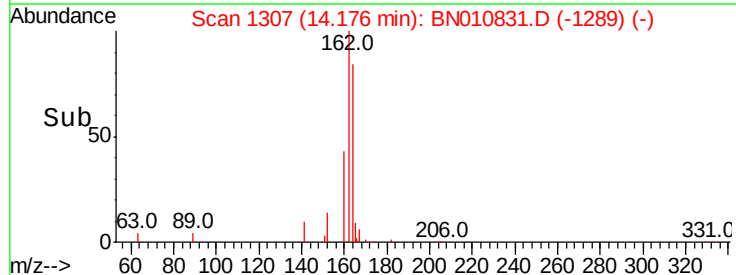
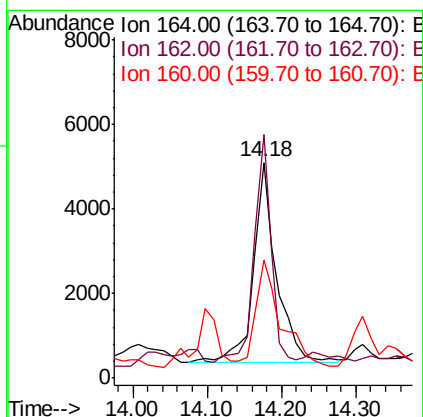
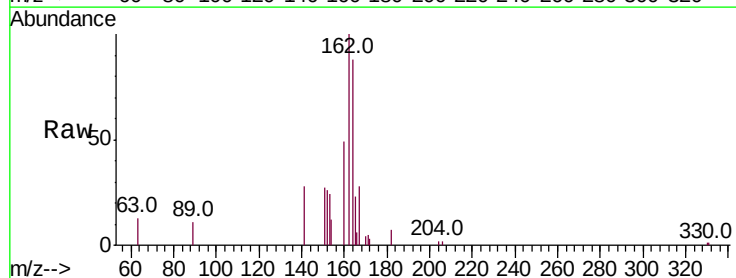
Instrument :
BNA_N
ClientSampleId :
VE-1-4

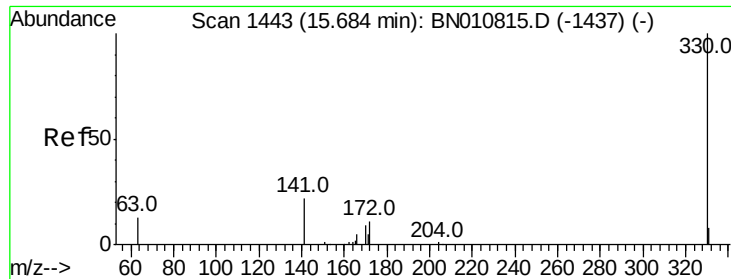
Tot Ion:152 Resp: 5763
Ion Ratio Lower Upper
152 100
151 22.6 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BN010831.D
Acq: 10 Jun 2020 23:27

Tgt Ion:164 Resp: 10266
Ion Ratio Lower Upper
164 100
162 113.0 81.0 121.6
160 55.1 38.9 58.3





#14

2,4,6-Tribromophenol

Concen: 0.330 ng

RT: 15.68 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN010831.D

Acq: 10 Jun 2020 23:27

Instrument :

BNA_N

ClientSampleId :

VE-1-4

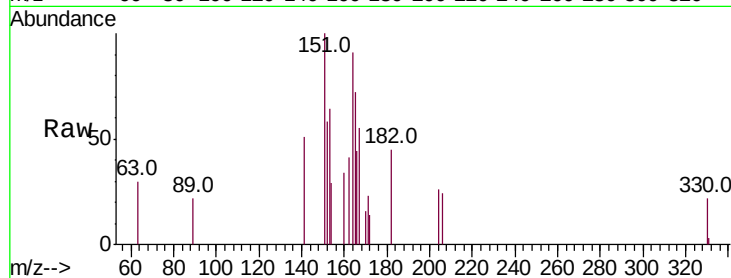
Tot Ion:330 Resp: 1211

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

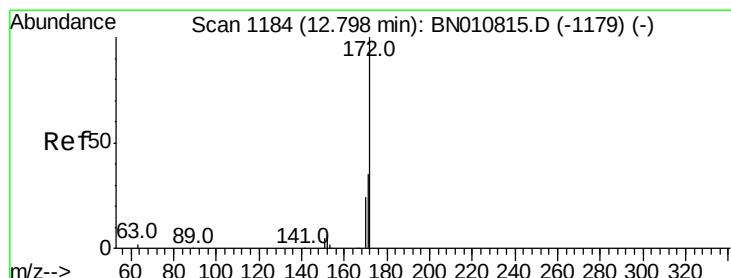
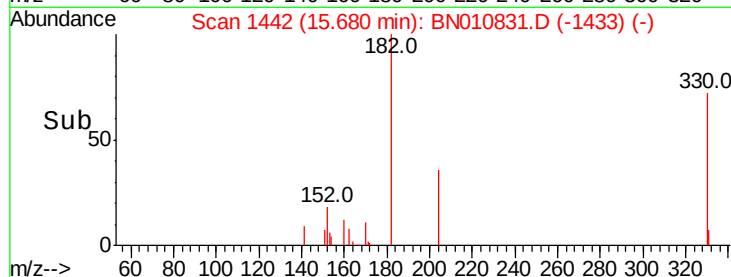
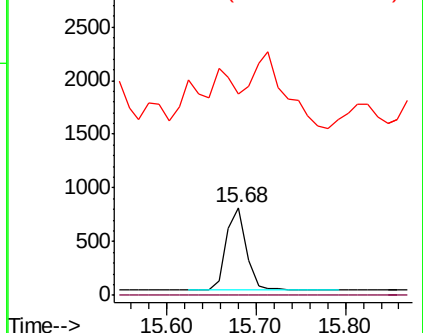
141 0.0 33.2 49.8#



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: 0.226 ng

RT: 12.79 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BN010831.D

Acq: 10 Jun 2020 23:27

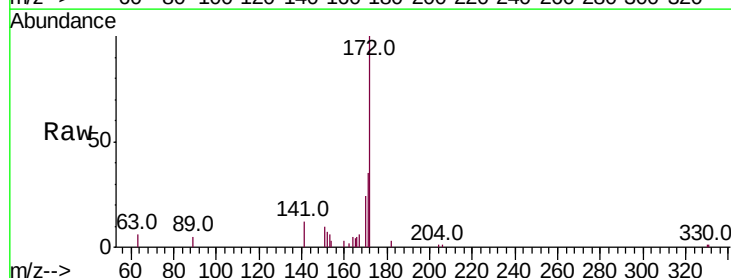
Tgt Ion:172 Resp: 9153

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

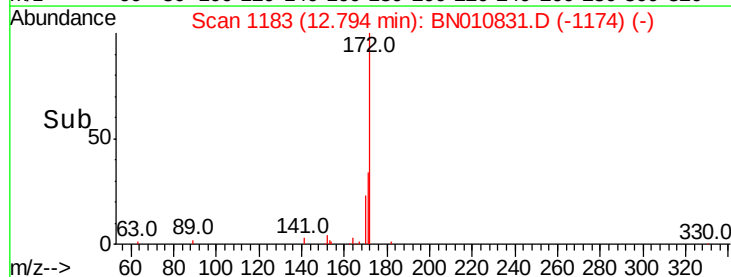
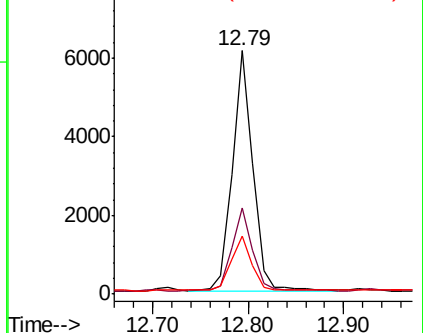
170 23.7 19.7 29.5

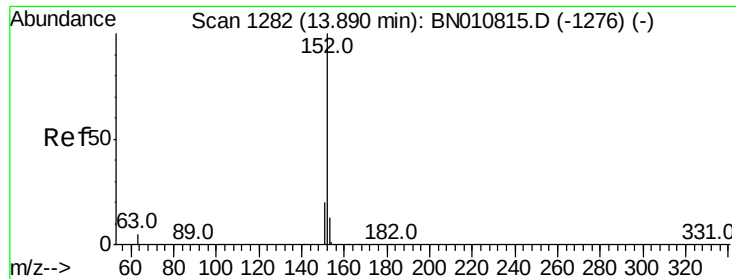


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.066 ng

RT: 13.90 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BN010831.D

Acq: 10 Jun 2020 23:27

Instrument :

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ClientSampleId :

VE-1-4

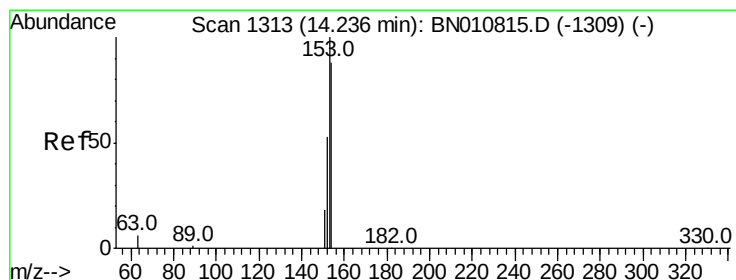
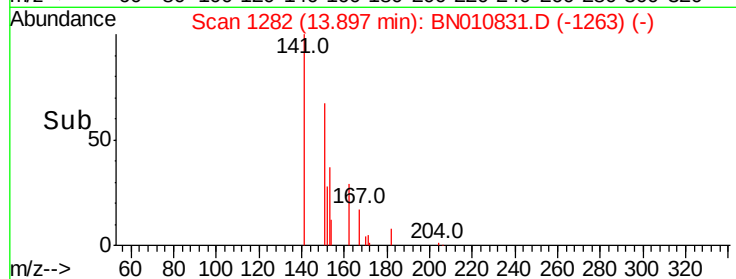
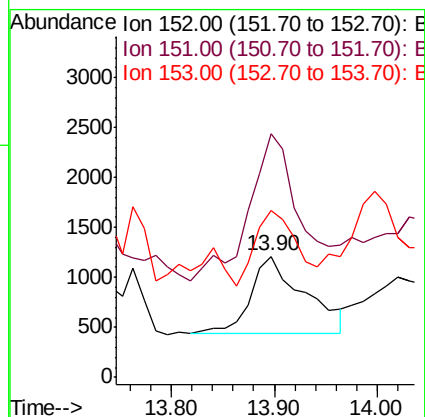
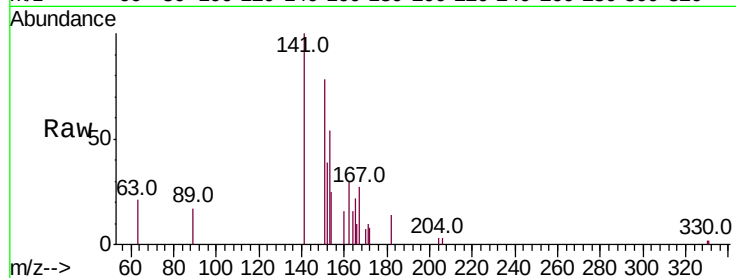
Tot Ion:152 Resp: 2755

Ion Ratio Lower Upper

152 100

151 178.0 15.6 23.4#

153 75.8 10.6 16.0#



#17

Acenaphthene

Concen: 0.295 ng

RT: 14.24 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BN010831.D

Acq: 10 Jun 2020 23:27

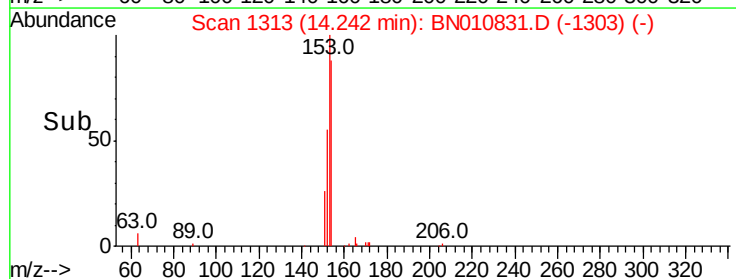
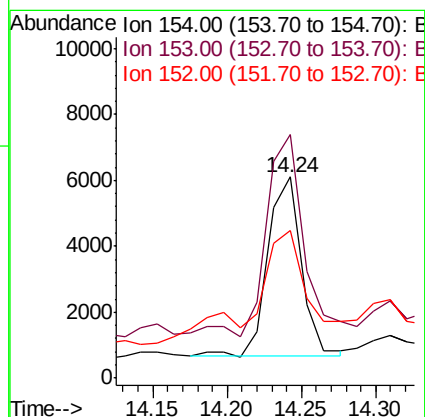
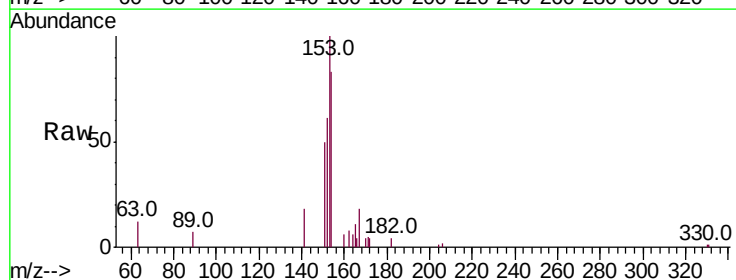
Tgt Ion:154 Resp: 8455

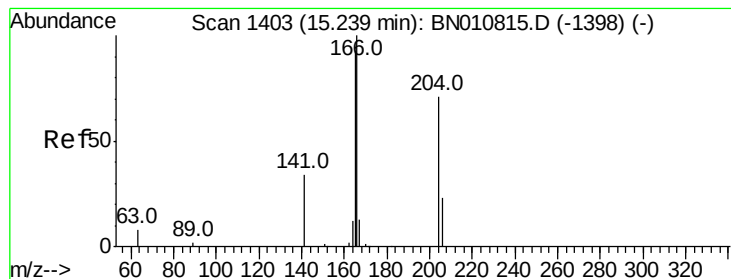
Ion Ratio Lower Upper

154 100

153 124.8 91.8 137.6

152 102.2 47.6 71.4#





#18

Fluorene

Concen: 0.235 ng

RT: 15.23 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BN010831.D

Acq: 10 Jun 2020 23:27

Instrument :

BNA_N

ClientSampleId :

VE-1-4

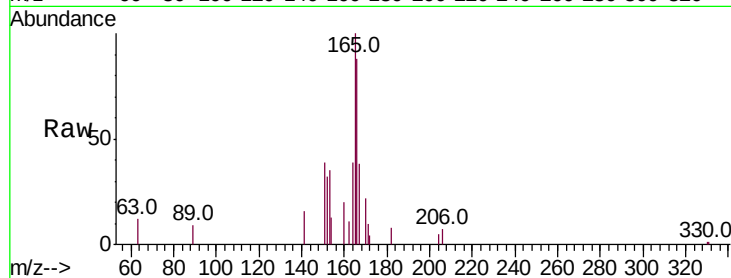
Tot Ion:166 Resp: 8677

Ion Ratio Lower Upper

166 100

165 94.0 77.2 115.8

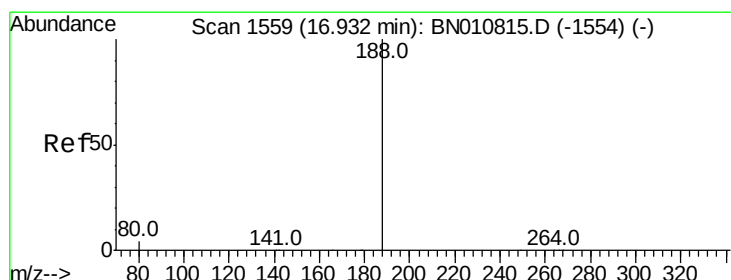
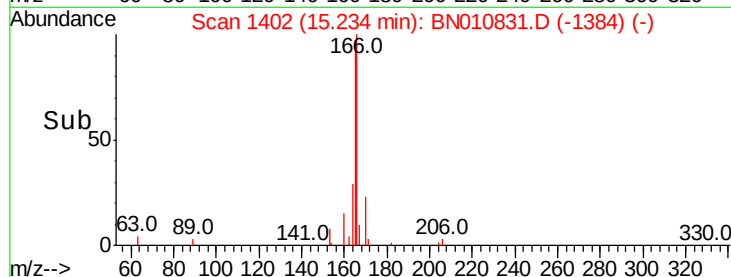
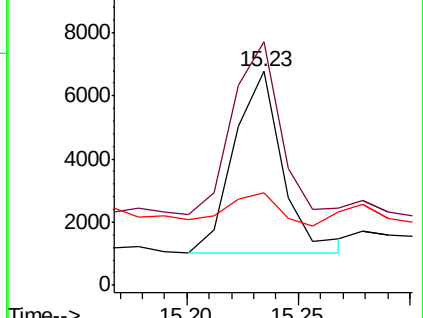
167 18.9 10.7 16.1#



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: 16.93 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BN010831.D

Acq: 10 Jun 2020 23:27

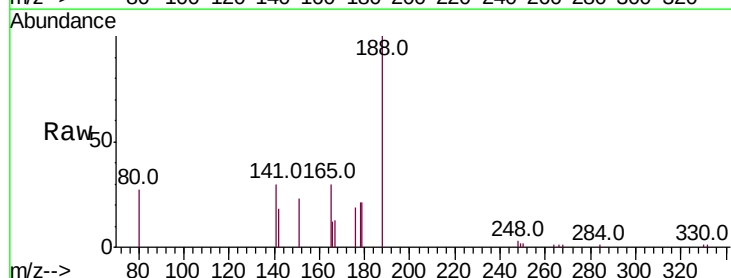
Tgt Ion:188 Resp: 13934

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

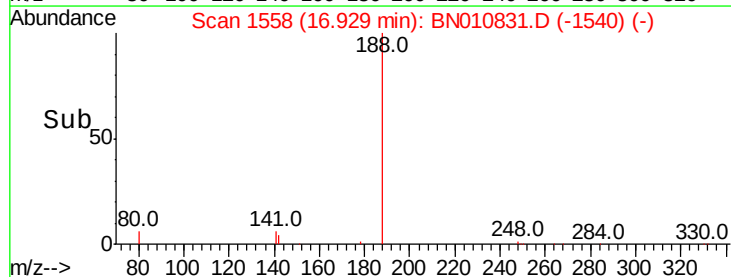
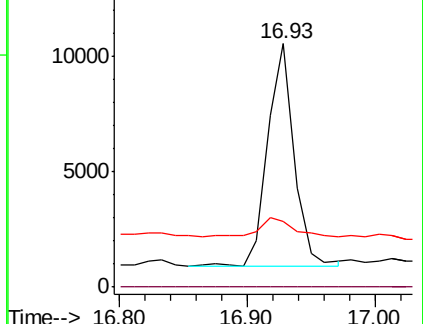
80 26.9 4.5 6.7#

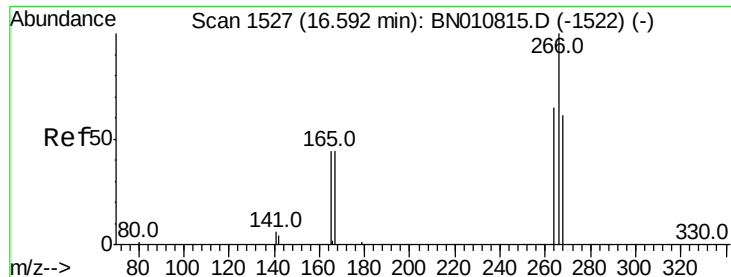


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

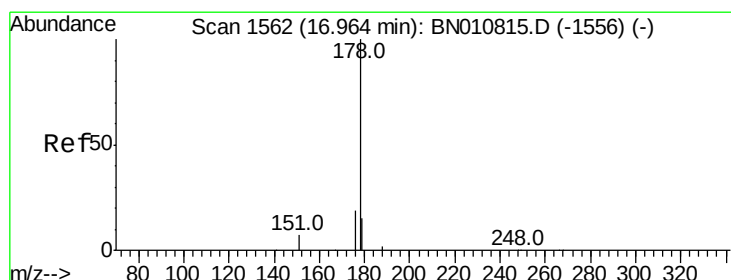
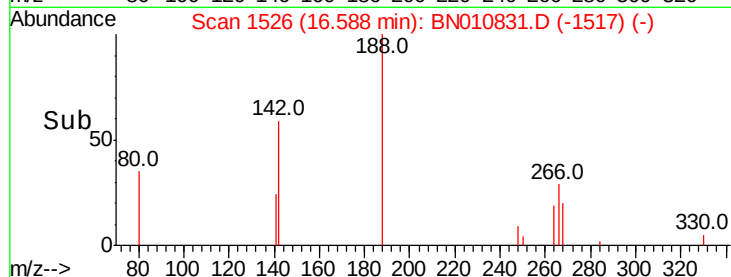
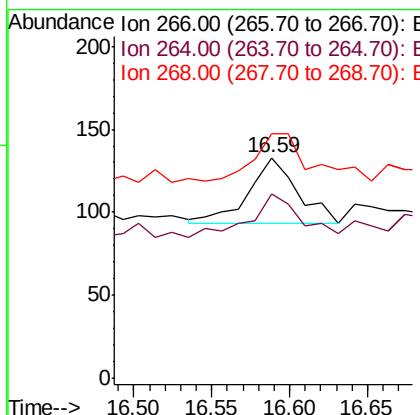
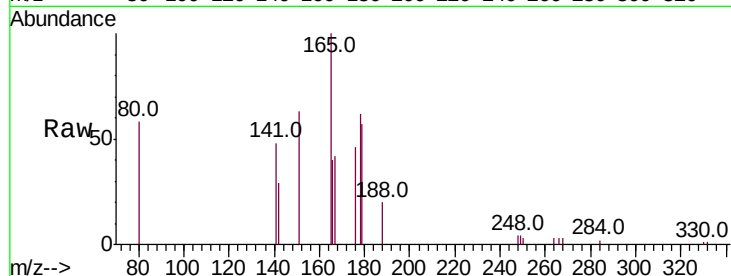




#22
 Pentachlorophenol
 Concen: 0.030 ng
 RT: 16.59 min Scan# 1526
 Delta R.T. -0.00 min
 Lab File: BN010831.D
 Acq: 10 Jun 2020 23:27

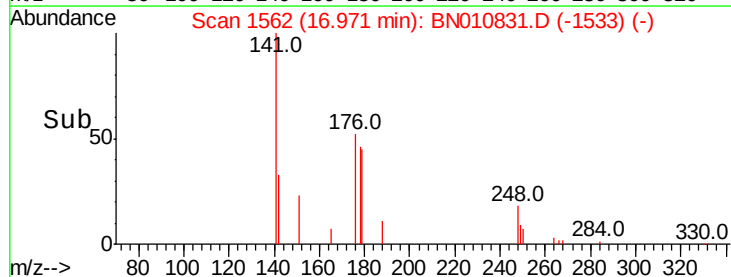
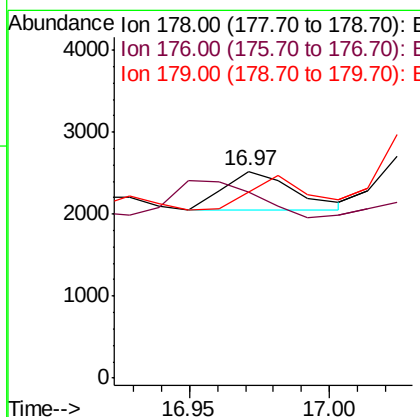
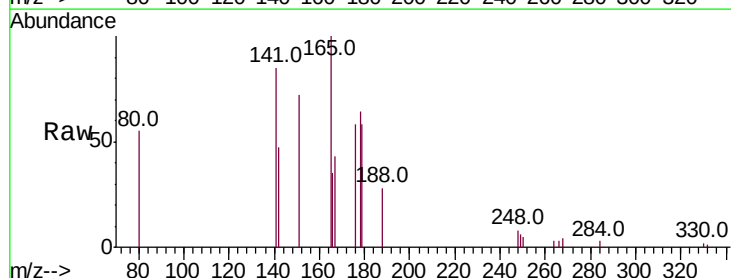
Instrument :
 BNA_N
 ClientSampleId :
 VE-1-4

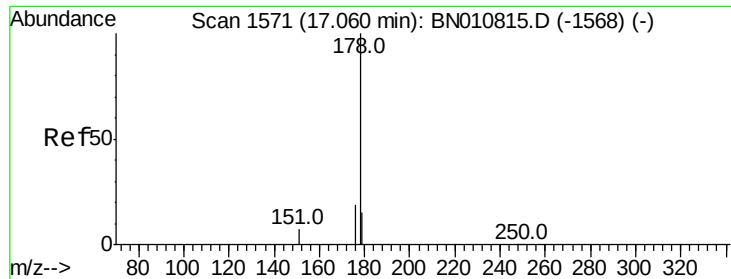
Tot Ion	Ratio	Lower	Upper
266	100		
264	83.5	54.8	82.2#
268	110.5	55.9	83.9#



#23
 Phenanthrene
 Concen: 0.022 ng
 RT: 16.97 min Scan# 1562
 Delta R.T. 0.01 min
 Lab File: BN010831.D
 Acq: 10 Jun 2020 23:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.3	22.9#
179	72.8	12.6	19.0#





#24

Anthracene

Concen: 0.091 ng

RT: 17.06 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BN010831.D

Acq: 10 Jun 2020 23:27

Instrument :

BNA_N

ClientSampled :

VE-1-4

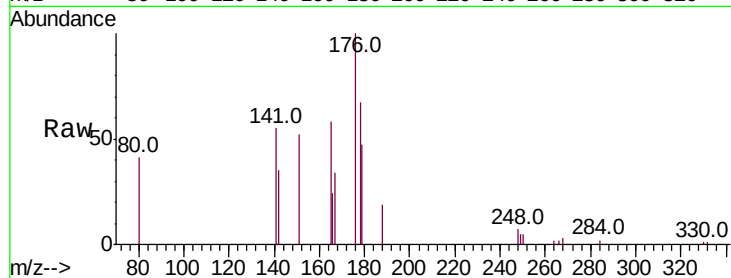
Tot Ion:178 Resp: 2880

Ion Ratio Lower Upper

178 100

176 445.7 14.6 22.0#

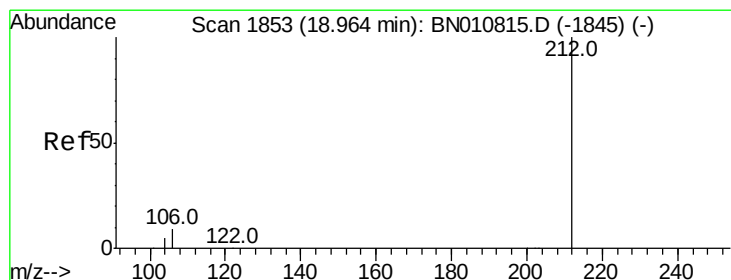
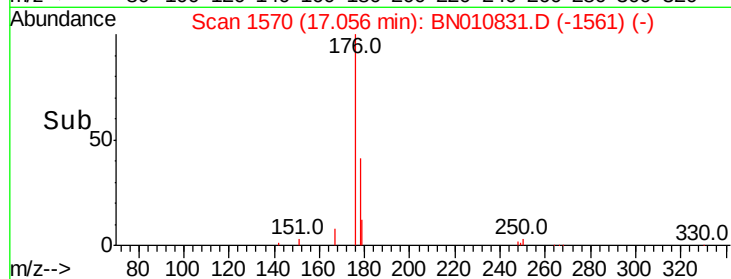
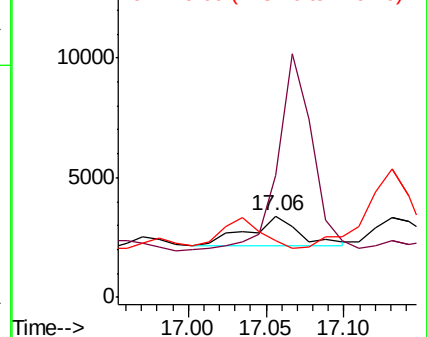
179 0.0 12.3 18.5#



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: 0.390 ng

RT: 18.97 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BN010831.D

Acq: 10 Jun 2020 23:27

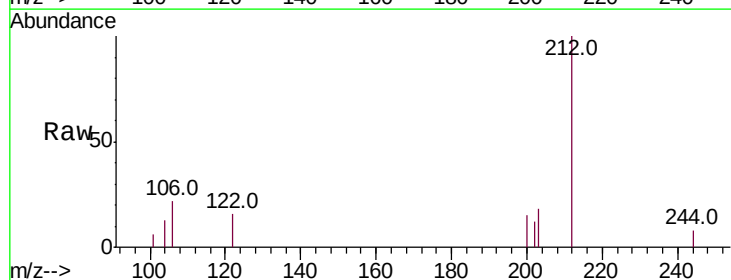
Tgt Ion:212 Resp: 15010

Ion Ratio Lower Upper

212 100

106 11.4 6.6 10.0#

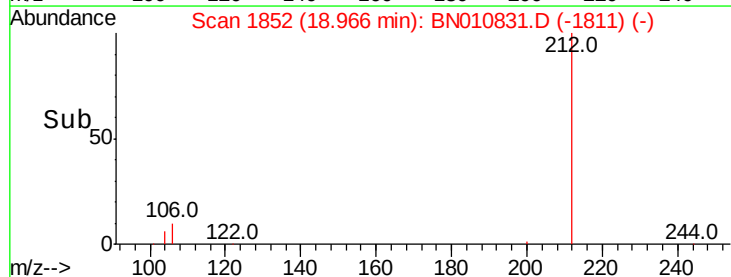
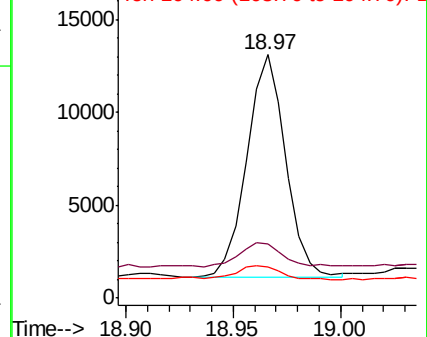
104 8.3 4.0 6.0#

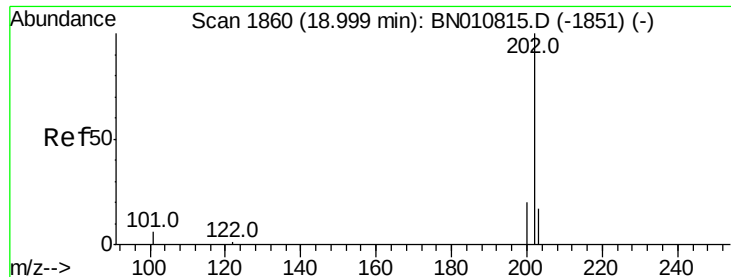


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

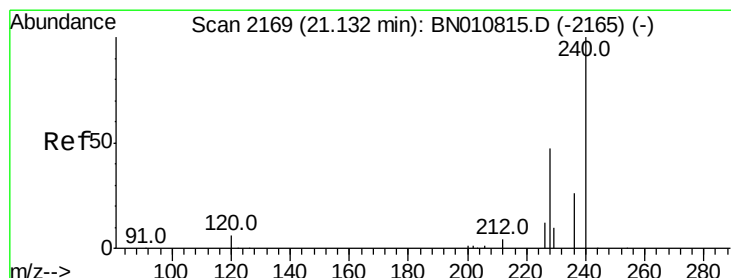
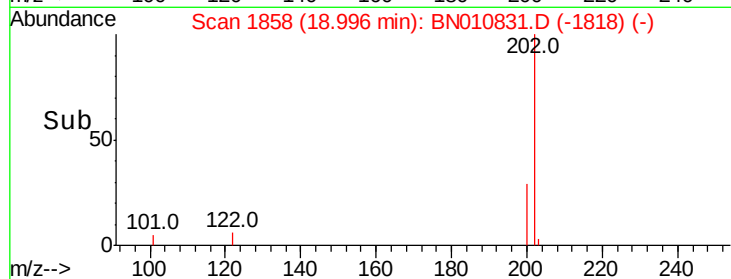
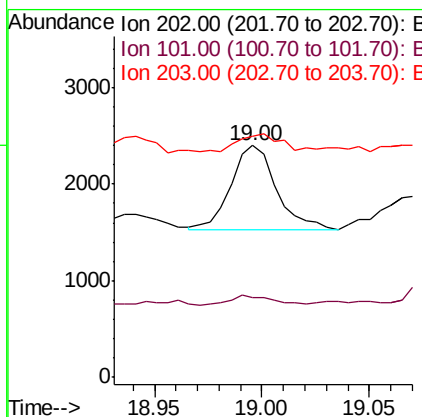
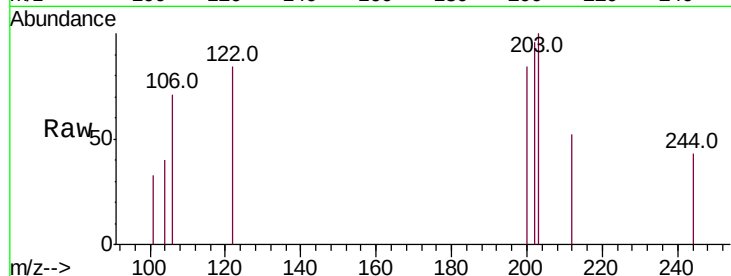




#26
Fluoranthene
Concen: 0.030 ng
RT: 19.00 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BN010831.D
Acq: 10 Jun 2020 23:27

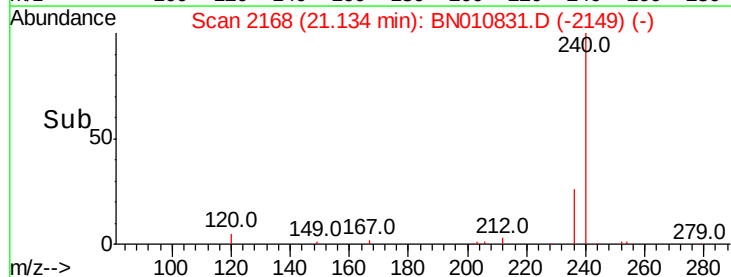
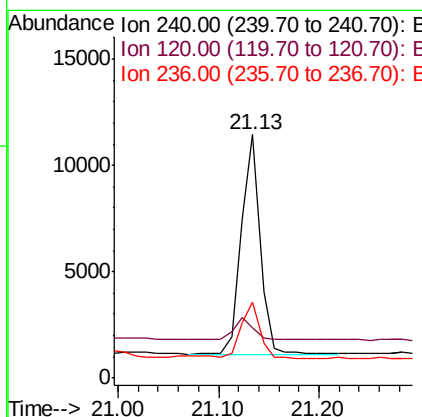
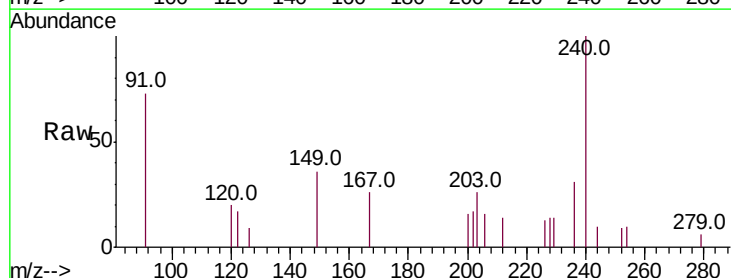
Instrument :
BNA_N
ClientSampleId :
VE-1-4

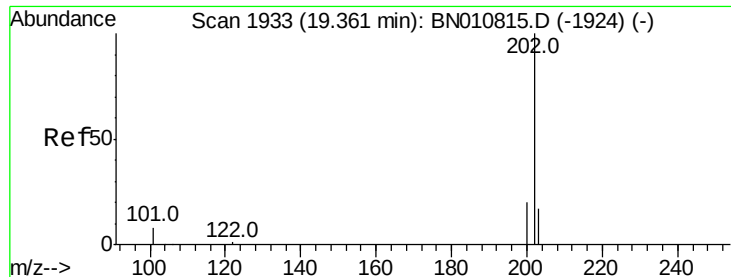
Tot Ion:202 Resp: 1290
Ion Ratio Lower Upper
202 100
101 11.3 5.8 8.6#
203 21.0 13.7 20.5#



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN010831.D
Acq: 10 Jun 2020 23:27

Tgt Ion:240 Resp: 13450
Ion Ratio Lower Upper
240 100
120 20.5 7.5 11.3#
236 31.3 22.3 33.5

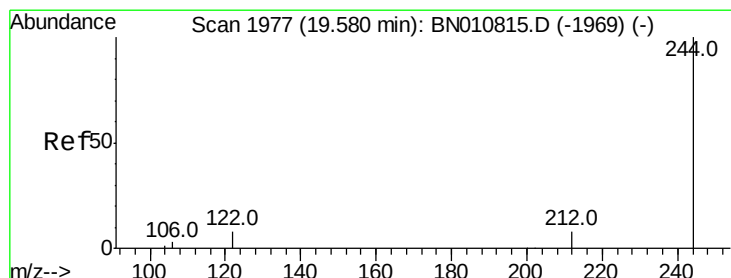
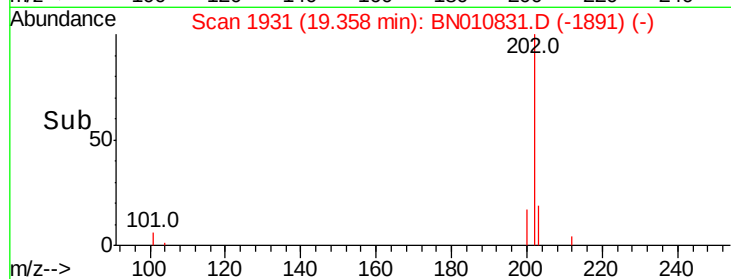
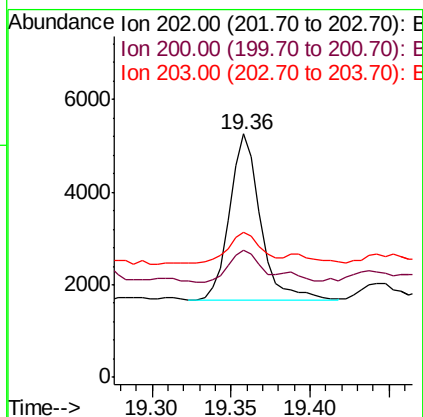
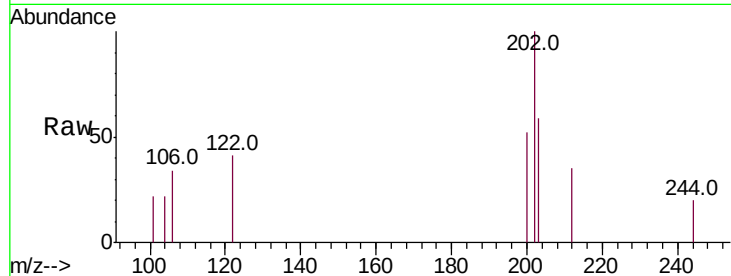




#28
Pvrene
Concen: 0.110 ng
RT: 19.36 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BN010831.D
Acq: 10 Jun 2020 23:27

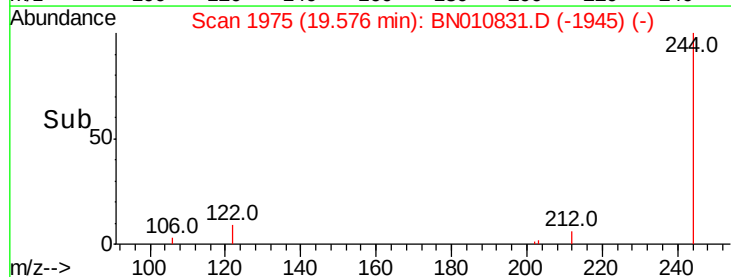
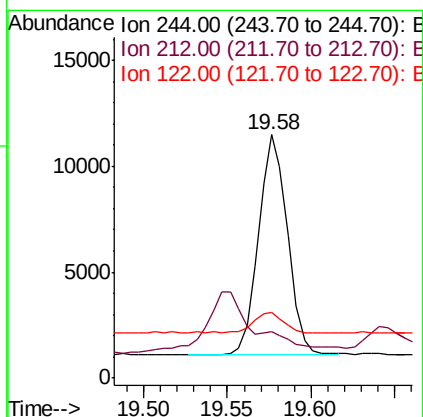
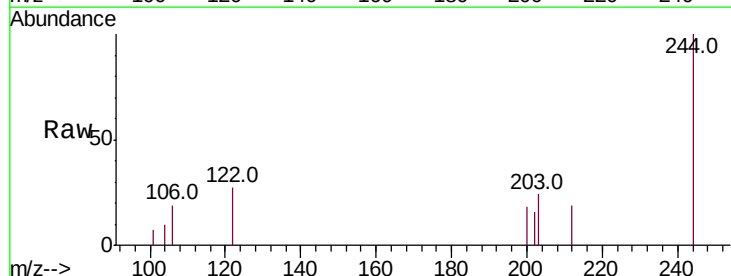
Instrument :
BNA_N
ClientSampleId :
VE-1-4

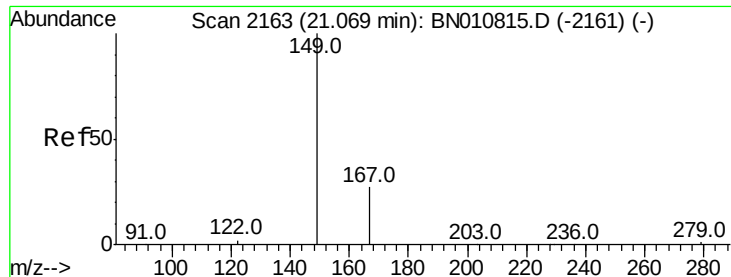
Tot Ion:202 Resp: 4897
Ion Ratio Lower Upper
202 100
200 19.8 16.4 24.6
203 21.5 14.2 21.4#



#29
Terphenyl-d14
Concen: 0.402 ng
RT: 19.58 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BN010831.D
Acq: 10 Jun 2020 23:27

Tgt Ion:244 Resp: 12670
Ion Ratio Lower Upper
244 100
212 18.9 7.4 11.2#
122 27.0 7.5 11.3#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.104 ng

RT: 21.07 min Scan# 2162

Delta R.T. 0.00 min

Lab File: BN010831.D

Acq: 10 Jun 2020 23:27

Instrument :

BNA_N

ClientSampleId :

VE-1-4

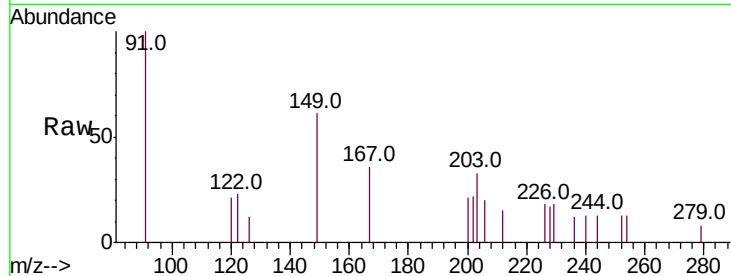
Tot Ion:149 Resp: 1367

Ion Ratio Lower Upper

149 100

167 35.3 24.1 36.1

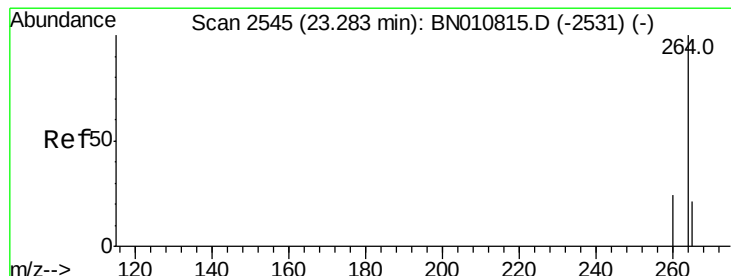
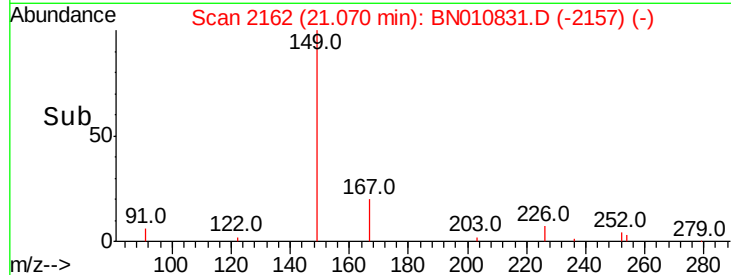
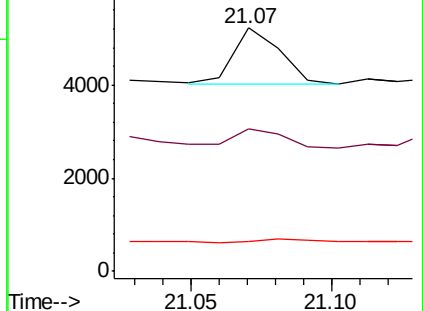
279 8.2 4.6 7.0#



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: 23.28 min Scan# 2543

Delta R.T. -0.00 min

Lab File: BN010831.D

Acq: 10 Jun 2020 23:27

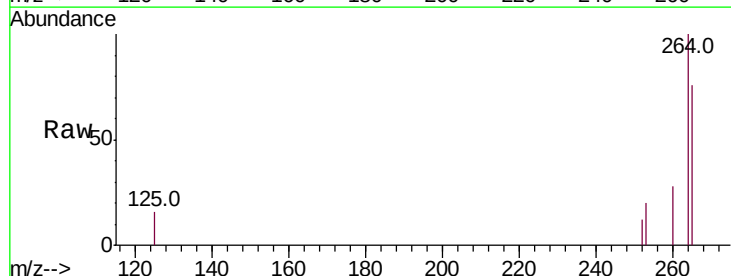
Tgt Ion:264 Resp: 14474

Ion Ratio Lower Upper

264 100

260 27.5 20.4 30.6

265 75.8 75.0 112.4



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

