

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061720\
 Data File : BN010951.D
 Acq On : 17 Jun 2020 21:22
 Operator : CG/JU
 Sample : L3020-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-25

Quant Time: Jun 18 00:14:55 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 17 13:14:12 2020
 Response via : Initial Calibration

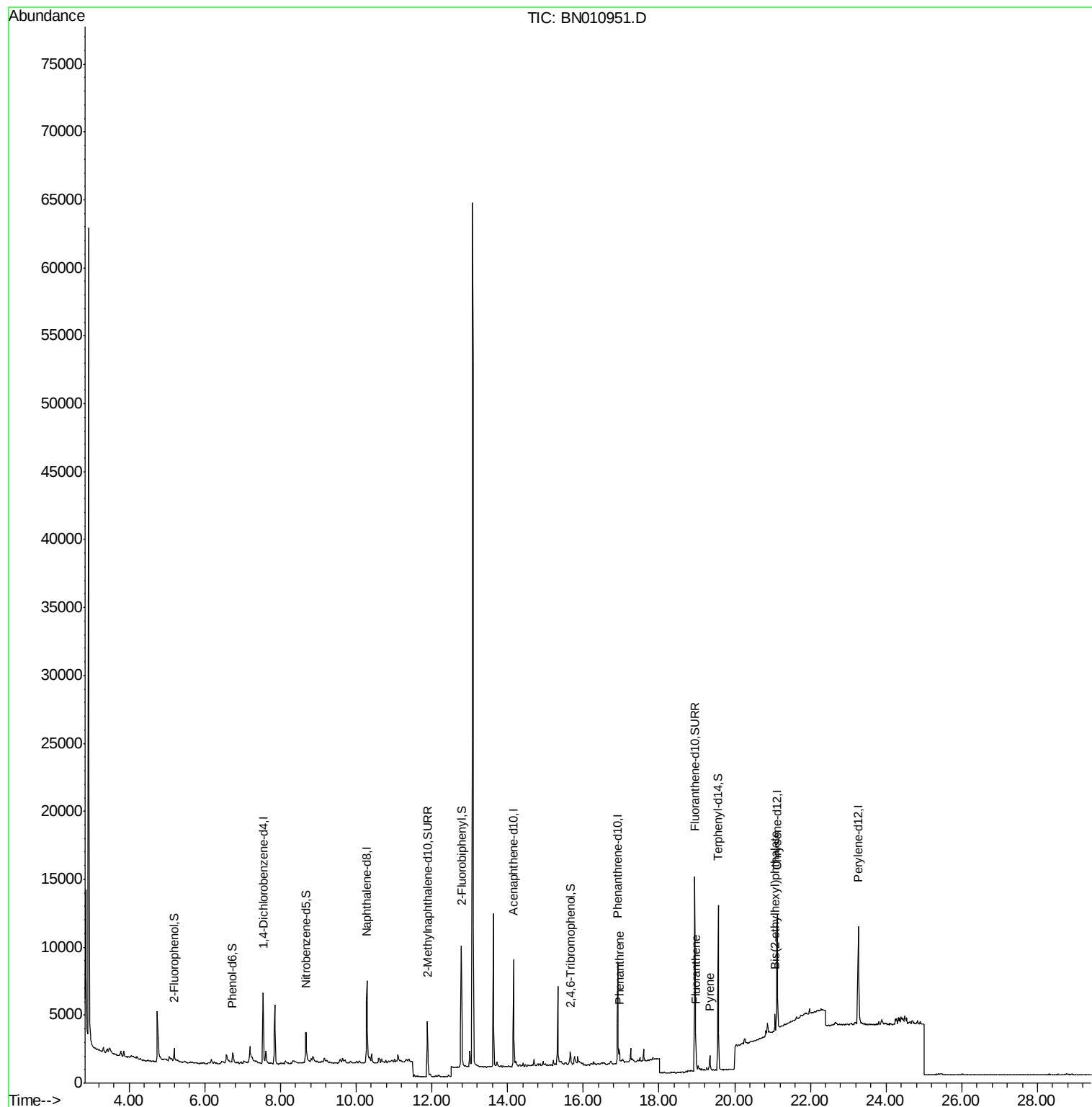
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2716	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	8952	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	5086	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	10139	0.40	ng	0.00
27) Chrysene-d12	21.12	240	9411	0.40	ng	0.00
34) Perylene-d12	23.26	264	9739	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	931	0.18	ng	0.00
5) Phenol-d6	6.74	99	734	0.12	ng	0.00
8) Nitrobenzene-d5	8.67	82	2753	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	11.88	152	5861	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	752	0.41	ng	-0.02
15) 2-Fluorobiphenyl	12.78	172	9144	0.46	ng	0.00
25) Fluoranthene-d10	18.95	212	17250	0.62	ng	0.00
29) Terphenyl-d14	19.56	244	12259	0.56	ng	0.00
Target Compounds						
23) Phenanthrene	16.95	178	1058	0.038	ng	# 95
26) Fluoranthene	18.98	202	871	0.028	ng	# 97
28) Pyrene	19.34	202	1082	0.035	ng	# 85
32) Bis(2-ethylhexyl)phthalate	21.06	149	1062	0.115	ng	# 94

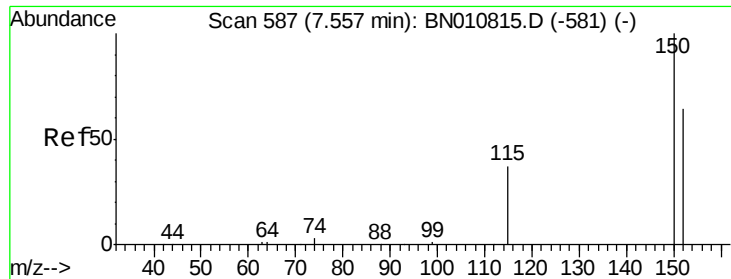
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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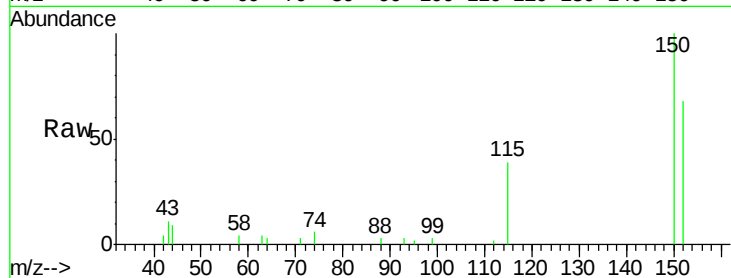


#1

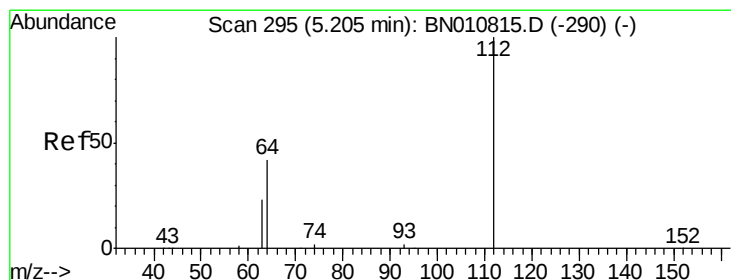
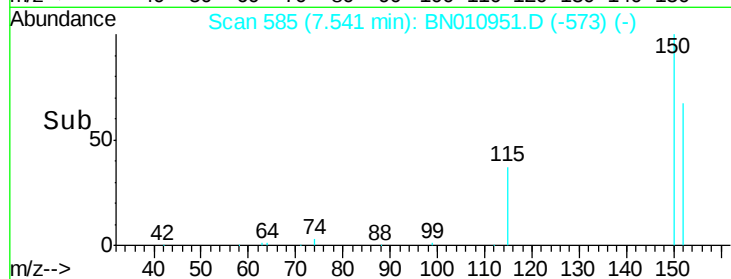
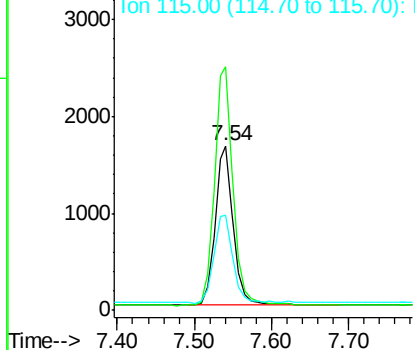
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. 0.00 min
Lab File: BN010951.D
Acq: 17 Jun 2020 21:22

Instrument :
BNA_N
ClientSampleId :
MW-25

Tot Ion:152 Resp: 2716
Ion Ratio Lower Upper
152 100
150 147.9 123.8 185.6
115 58.2 49.2 73.8



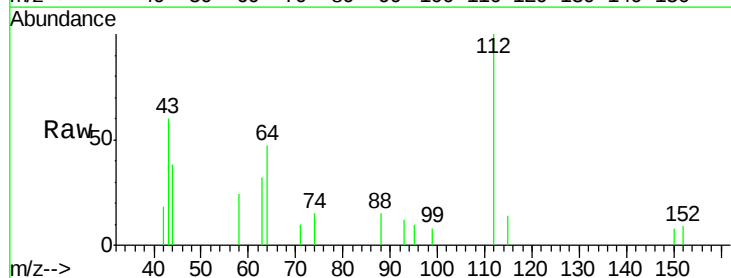
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



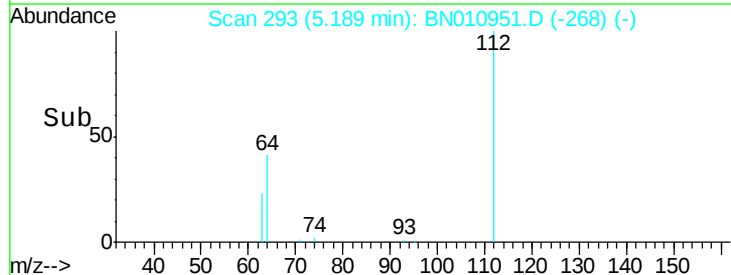
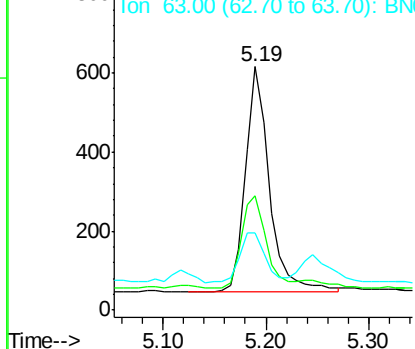
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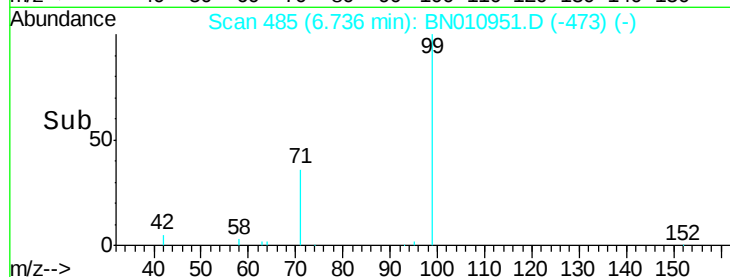
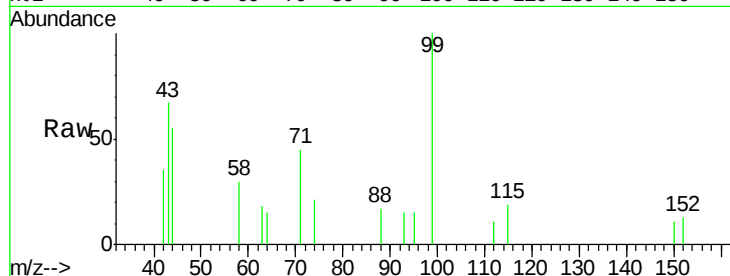
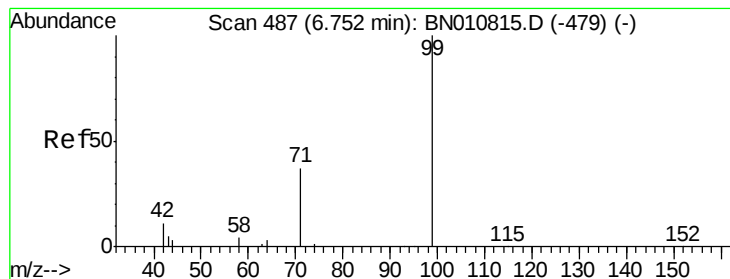
2-Fluorophenol
Concen: 0.178 ng
RT: 5.19 min Scan# 293
Delta R.T. 0.00 min
Lab File: BN010951.D
Acq: 17 Jun 2020 21:22

Tgt Ion:112 Resp: 931
Ion Ratio Lower Upper
112 100
64 42.7 37.4 56.0
63 22.1 22.2 33.4#



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: 0.119 ng

RT: 6.74 min Scan# 485

Delta R.T. 0.00 min

Lab File: BN010951.D

Acq: 17 Jun 2020 21:22

Instrument :

BNA_N

ClientSampleId :

MW-25

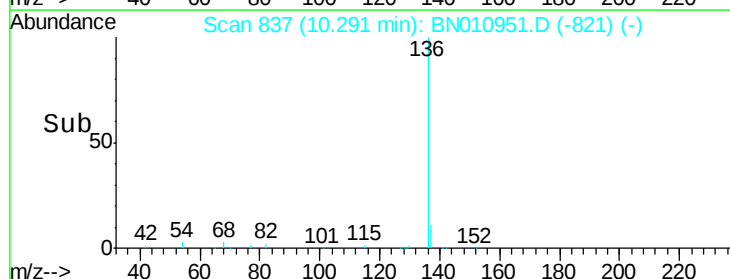
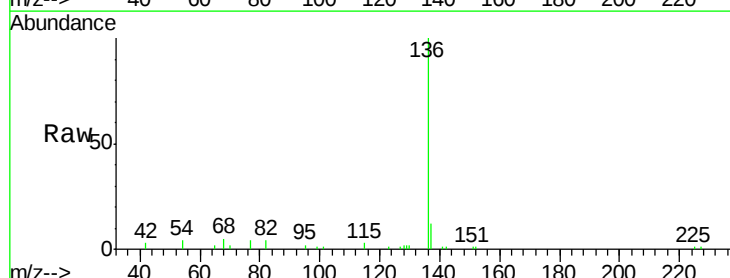
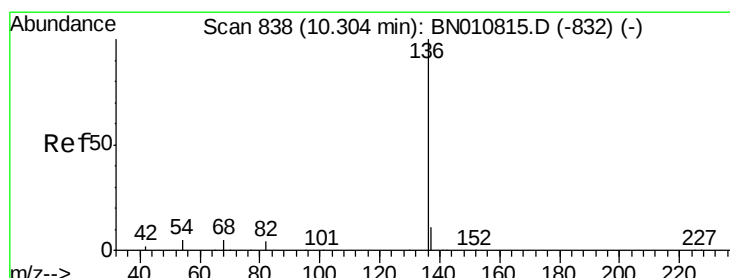
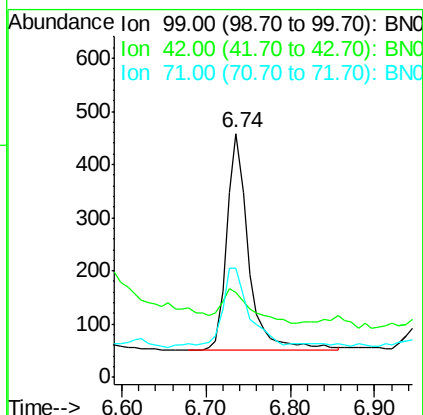
Tot Ion: 99 Resp: 734

Ion Ratio Lower Upper

99 100

42 21.0 11.1 16.7#

71 44.7 31.4 47.2



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN010951.D

Acq: 17 Jun 2020 21:22

Tgt Ion: 136 Resp: 8952

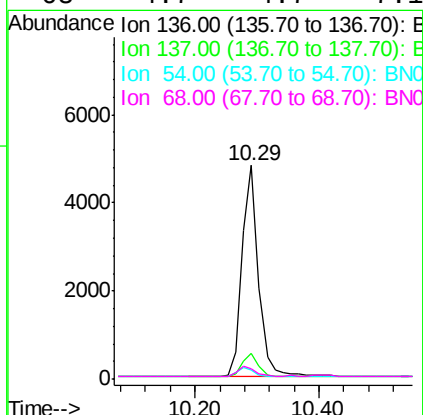
Ion Ratio Lower Upper

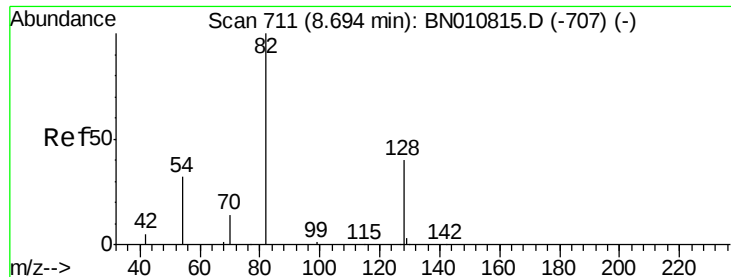
136 100

137 11.8 9.7 14.5

54 4.0 4.9 7.3#

68 4.7 4.7 7.1#





#8

Nitrobenzene-d5

Concen: 0.416 ng

RT: 8.67 min Scan# 709

Delta R.T. -0.01 min

Lab File: BN010951.D

Acq: 17 Jun 2020 21:22

Instrument :

BNA_N

ClientSampleId :

MW-25

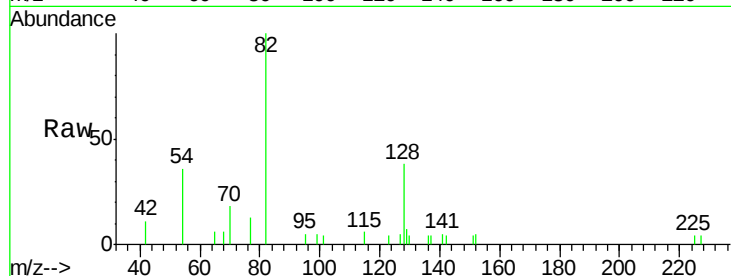
Tot Ion: 82 Resp: 2753

Ion Ratio Lower Upper

82 100

128 37.9 35.4 53.0

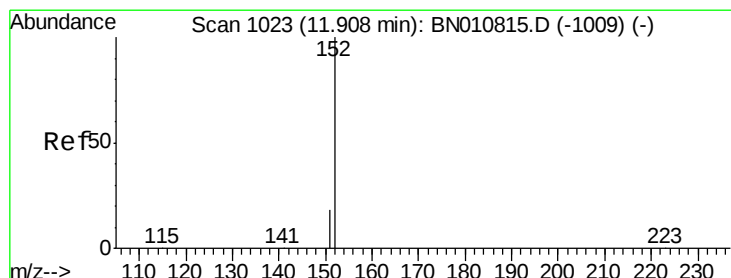
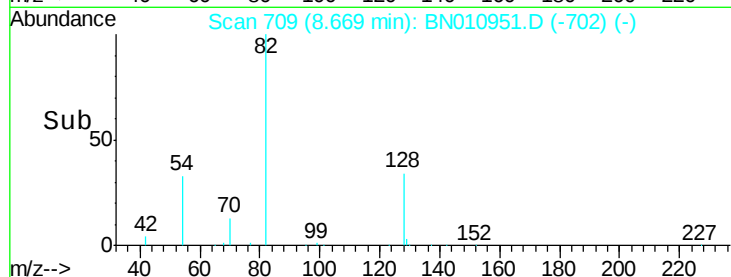
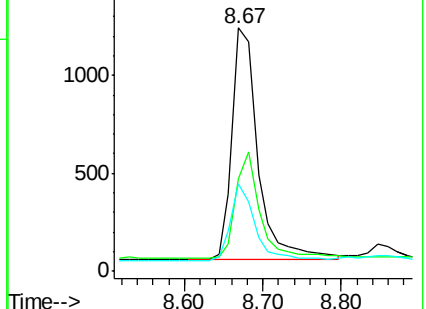
54 36.1 28.2 42.4



Abundance Ion 82.00 (81.70 to 82.70): BN010815.D (-707) (-)

Ion 128.00 (127.70 to 128.70): BN010815.D (-707) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-707) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.422 ng

RT: 11.88 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BN010951.D

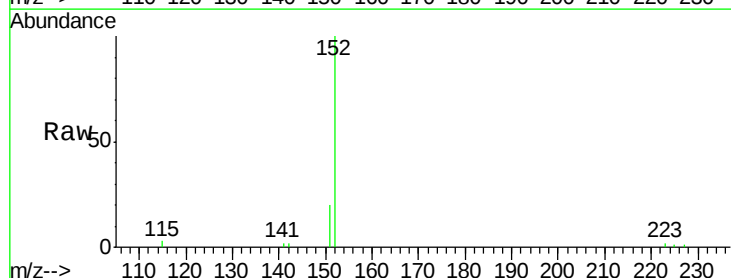
Acq: 17 Jun 2020 21:22

Tgt Ion: 152 Resp: 5861

Ion Ratio Lower Upper

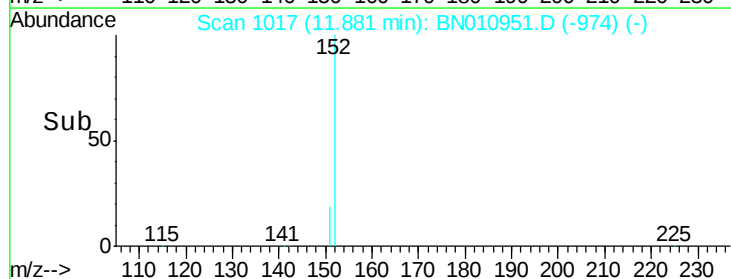
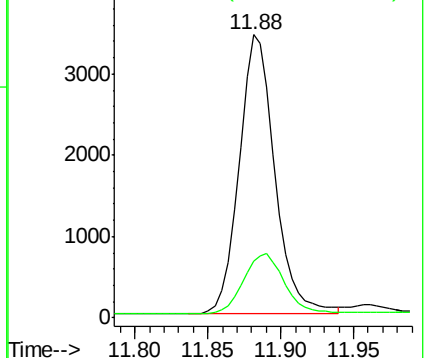
152 100

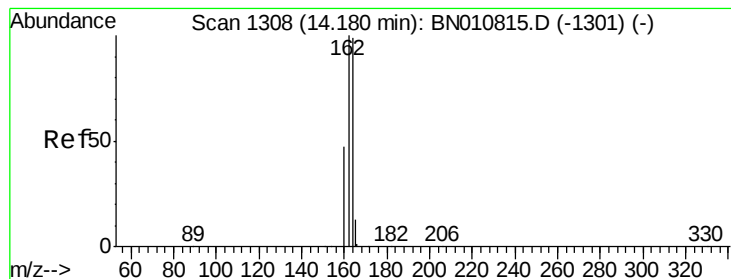
151 24.4 15.3 22.9#



Abundance Ion 152.00 (151.70 to 152.70): BN010815.D (-1009) (-)

Ion 151.00 (150.70 to 151.70): BN010815.D (-1009) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.15 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BN010951.D

Acq: 17 Jun 2020 21:22

Instrument :

BNA_N

ClientSampleId :

MW-25

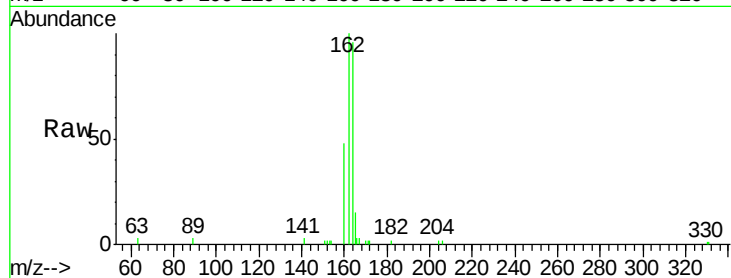
Tot Ion:164 Resp: 5086

Ion Ratio Lower Upper

164 100

162 104.6 81.0 121.6

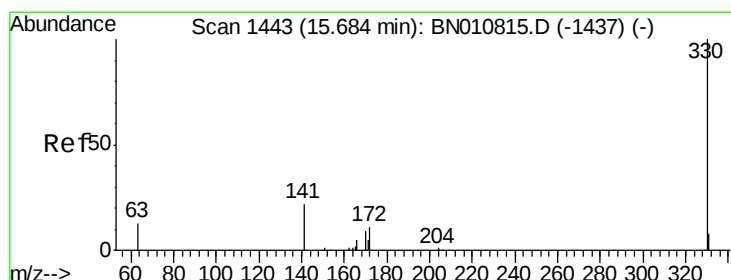
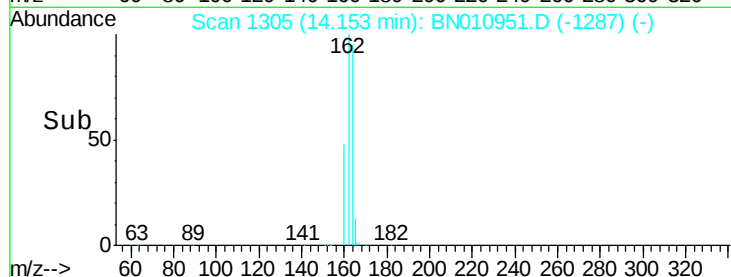
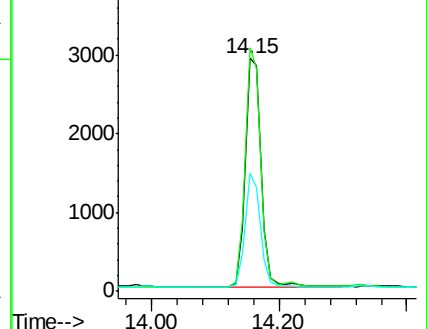
160 50.6 38.9 58.3



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: 0.413 ng

RT: 15.66 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BN010951.D

Acq: 17 Jun 2020 21:22

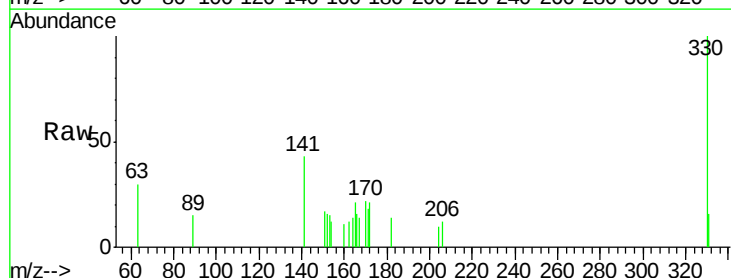
Tgt Ion:330 Resp: 752

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

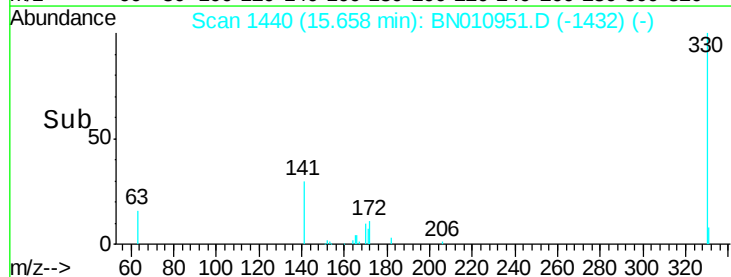
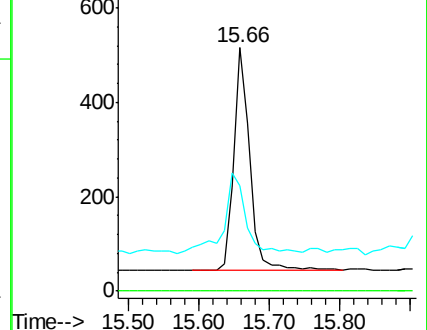
141 46.1 33.2 49.8

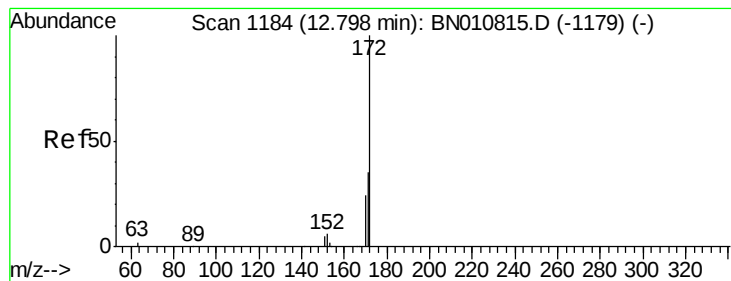


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.456 ng

RT: 12.78 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BN010951.D

Acq: 17 Jun 2020 21:22

Instrument :

BNA_N

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MW-25

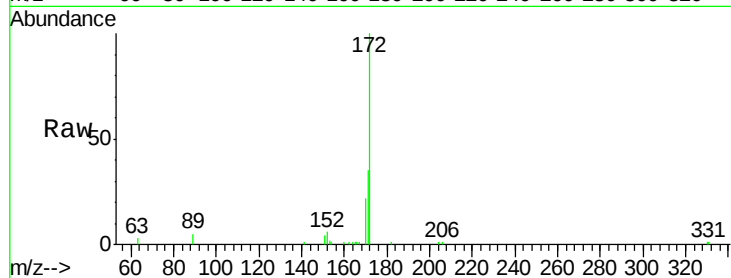
Tot Ion:172 Resp: 9144

Ion Ratio Lower Upper

172 100

171 34.6 28.5 42.7

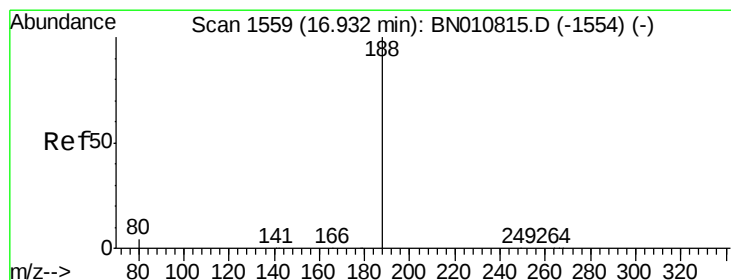
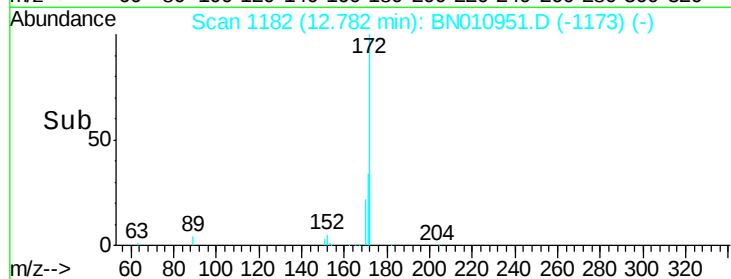
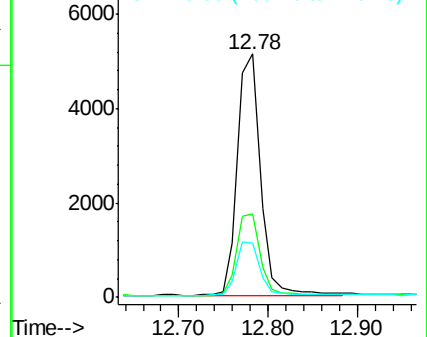
170 22.4 19.7 29.5



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.91 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BN010951.D

Acq: 17 Jun 2020 21:22

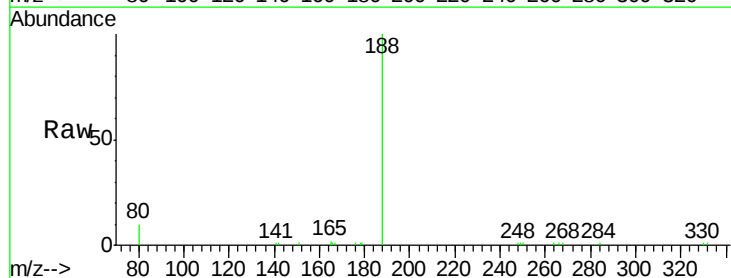
Tgt Ion:188 Resp: 10139

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

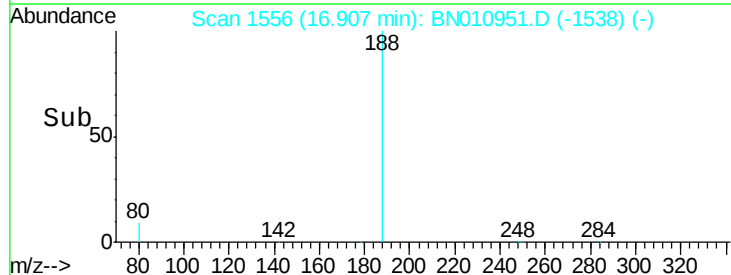
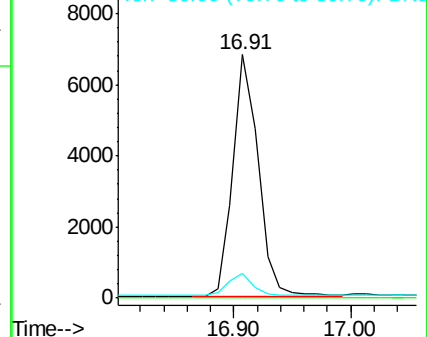
80 9.9 4.5 6.7#

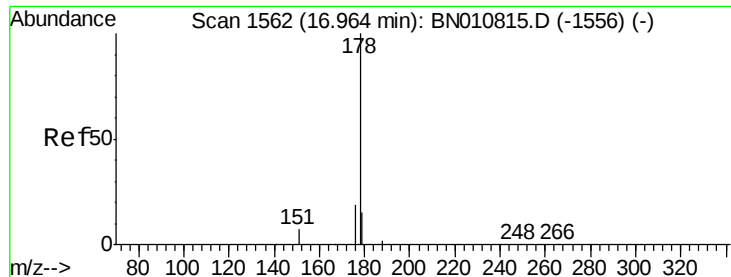


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#23

Phenanthrene

Concen: 0.038 ng

RT: 16.95 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN010951.D

Acq: 17 Jun 2020 21:22

Instrument :

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ClientSampleId :

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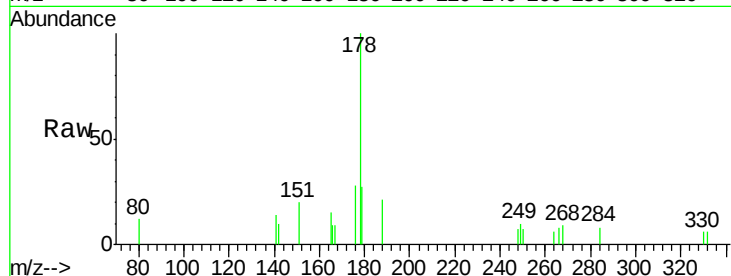
Tot Ion:178 Resp: 1058

Ion Ratio Lower Upper

178 100

176 19.7 15.3 22.9

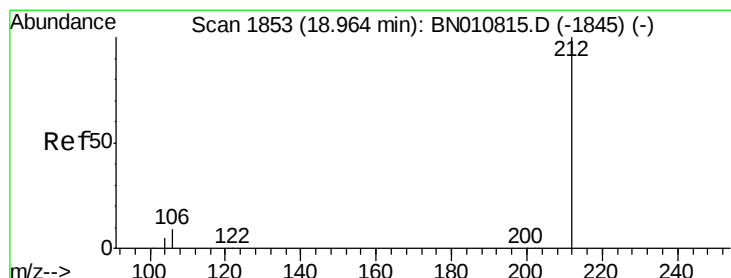
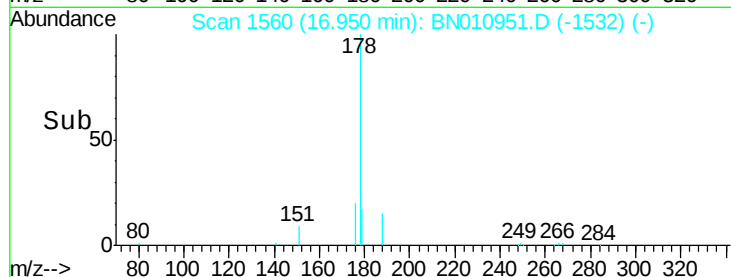
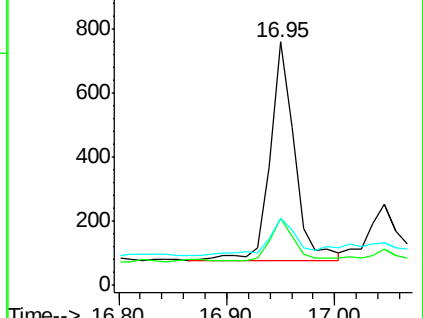
179 20.2 12.6 19.0#



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: 0.616 ng

RT: 18.95 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BN010951.D

Acq: 17 Jun 2020 21:22

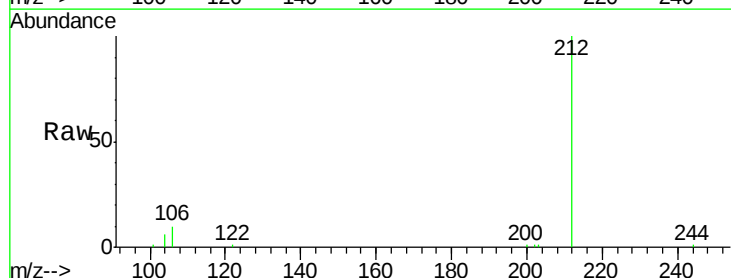
Tgt Ion:212 Resp: 17250

Ion Ratio Lower Upper

212 100

106 9.7 6.6 10.0

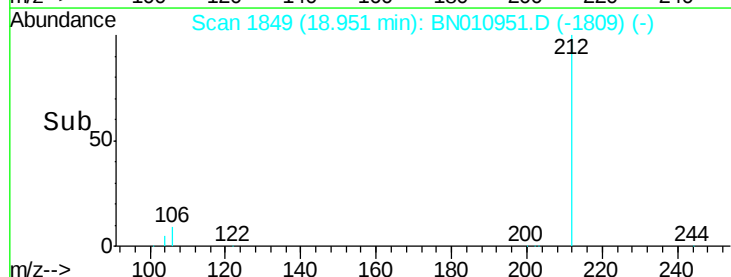
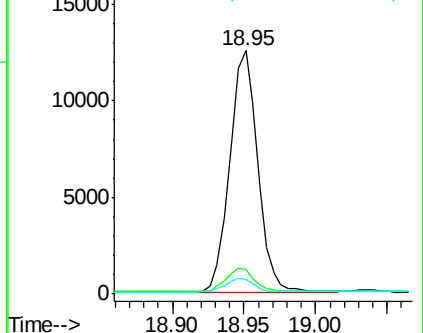
104 5.8 4.0 6.0

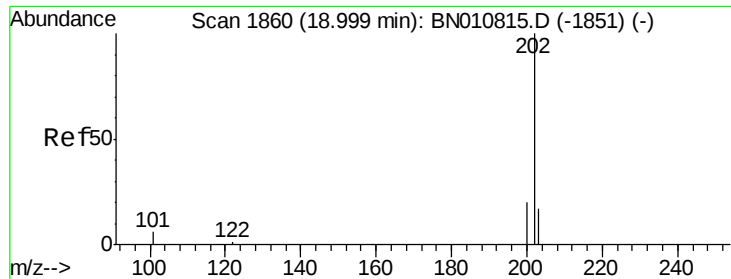


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

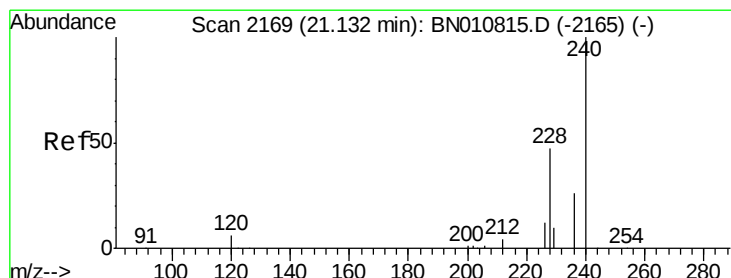
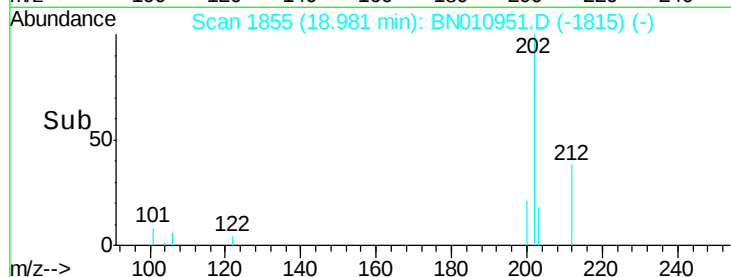
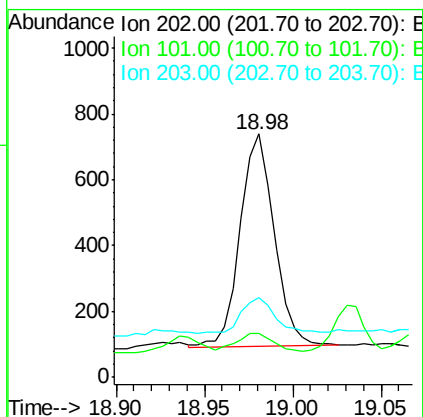
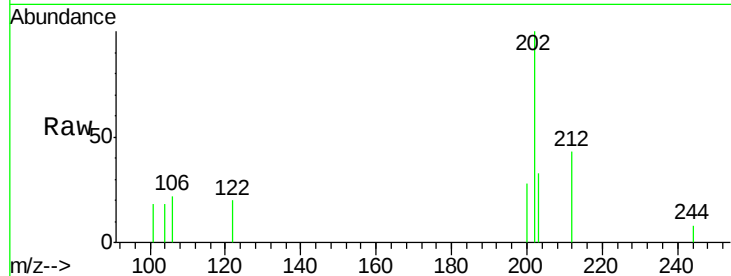




#26
Fluoranthene
Concen: 0.028 ng
RT: 18.98 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BN010951.D
Acq: 17 Jun 2020 21:22

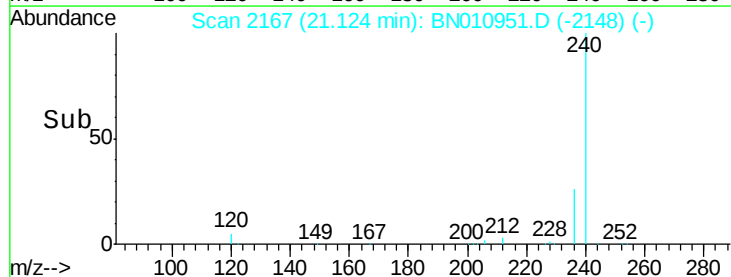
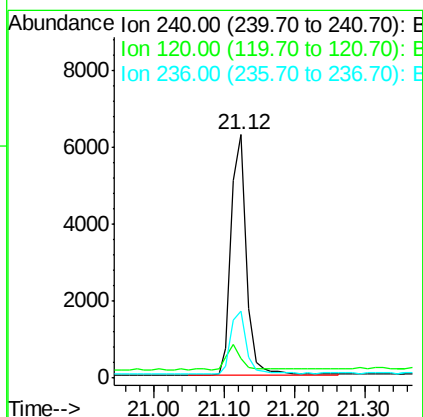
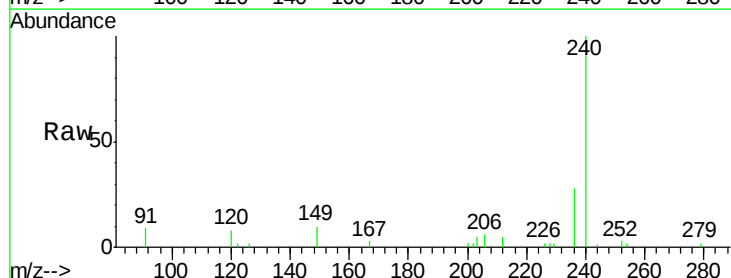
Instrument :
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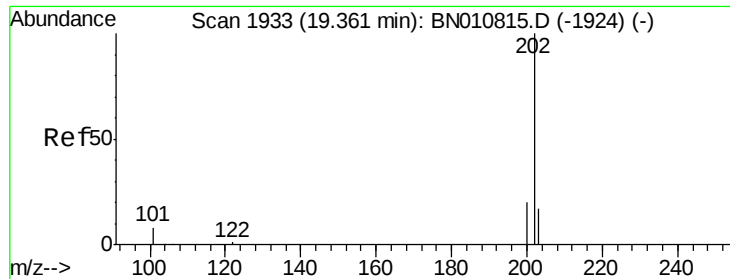
Tot Ion:202 Resp: 871
Ion Ratio Lower Upper
202 100
101 8.5 5.8 8.6
203 16.2 13.7 20.5



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BN010951.D
Acq: 17 Jun 2020 21:22

Tgt Ion:240 Resp: 9411
Ion Ratio Lower Upper
240 100
120 8.1 7.5 11.3
236 27.6 22.3 33.5

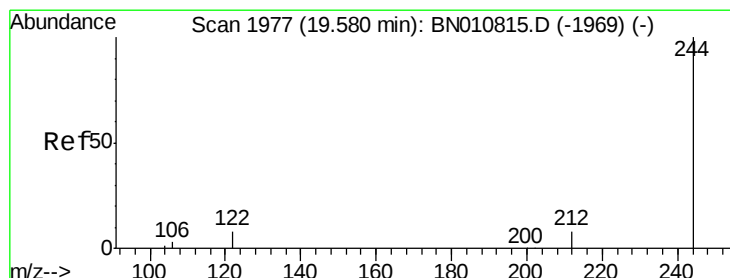
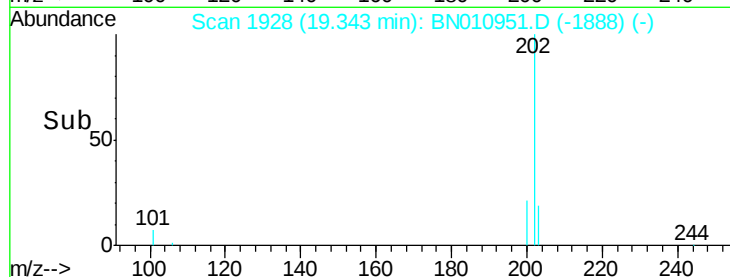
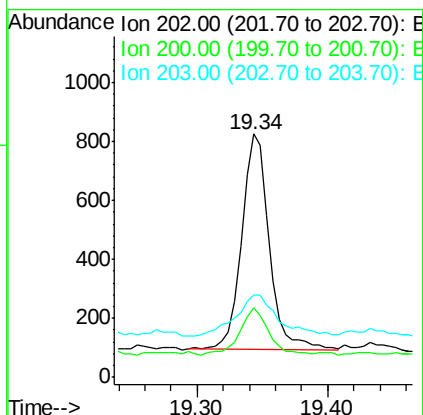
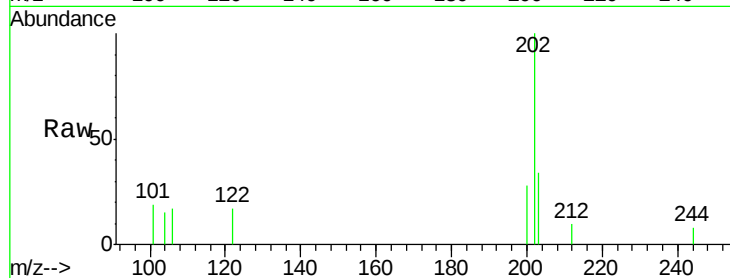




#28
Pvrene
Concen: 0.035 ng
RT: 19.34 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BN010951.D
Acq: 17 Jun 2020 21:22

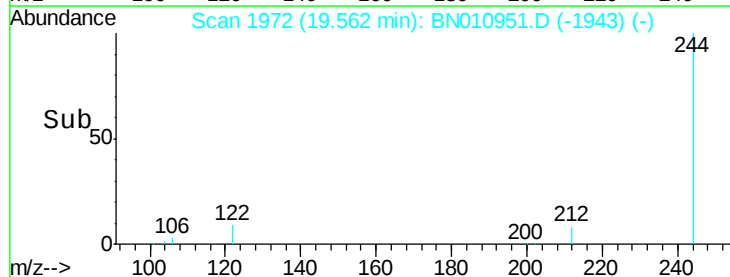
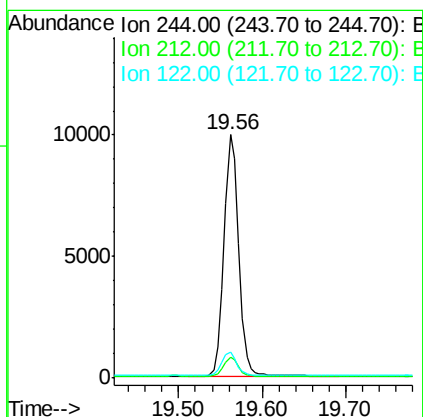
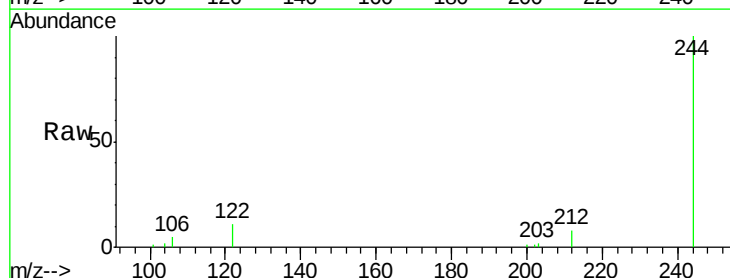
Instrument :
BNA_N
ClientSampleId :
MW-25

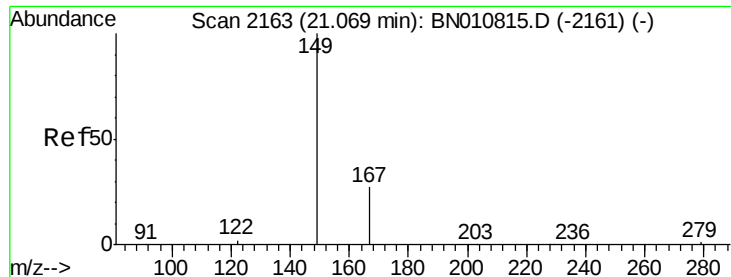
Tot Ion:202 Resp: 1082
Ion Ratio Lower Upper
202 100
200 23.0 16.4 24.6
203 29.7 14.2 21.4#



#29
Terphenyl-d14
Concen: 0.557 ng
RT: 19.56 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BN010951.D
Acq: 17 Jun 2020 21:22

Tgt Ion:244 Resp: 12259
Ion Ratio Lower Upper
244 100
212 8.4 7.4 11.2
122 10.8 7.5 11.3

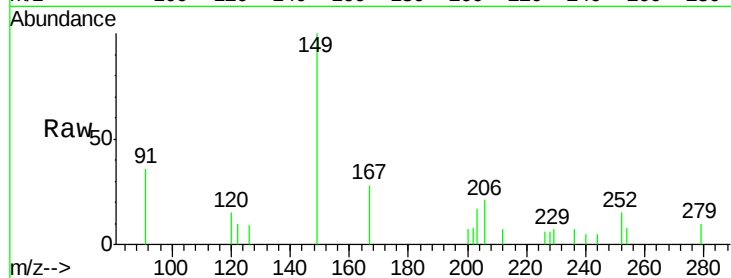




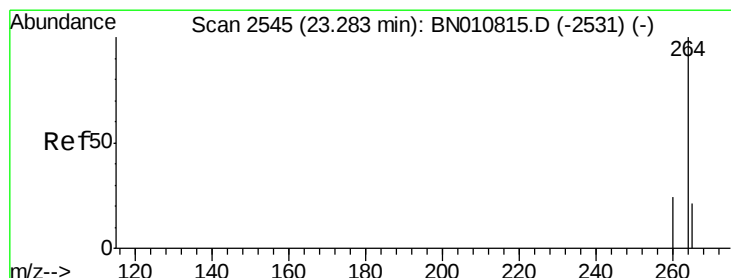
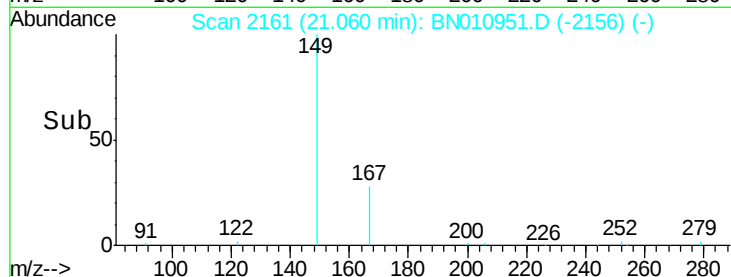
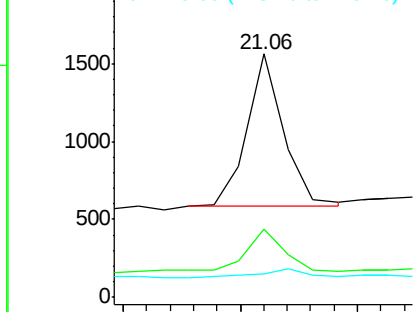
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.115 ng
 RT: 21.06 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BN010951.D
 Acq: 17 Jun 2020 21:22

Instrument :
 BNA_N
 ClientSampleId :
 MW-25

Tot Ion:149 Resp: 1062
 Ion Ratio Lower Upper
 149 100
 167 26.8 24.1 36.1
 279 8.4 4.6 7.0#

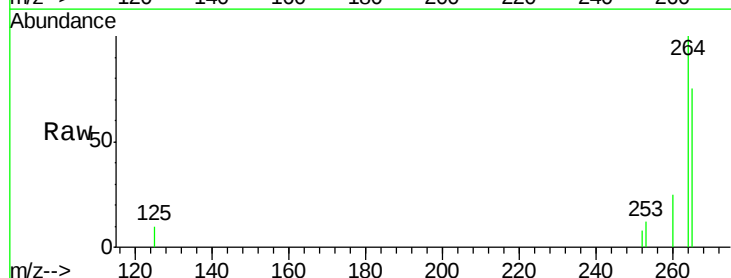


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.26 min Scan# 2538
 Delta R.T. -0.00 min
 Lab File: BN010951.D
 Acq: 17 Jun 2020 21:22

Tgt Ion:264 Resp: 9739
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.4 30.6
 265 74.6 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

