

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061920\
 Data File : BN010968.D
 Acq On : 19 Jun 2020 14:00
 Operator : CG/JU
 Sample : PB129630BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129630BL

Quant Time: Jun 19 14:35:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 12:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2754	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	9725	0.40	ng	0.00
13) Acenaphthene-d10	14.15	164	4492	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	10332	0.40	ng	0.00
27) Chrysene-d12	21.12	240	5873	0.40	ng	0.00
34) Perylene-d12	23.27	264	454	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.19	112	2635	0.50	ng	0.00
5) Phenol-d6	6.73	99	2768	0.44	ng	0.00
8) Nitrobenzene-d5	8.67	82	3133	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	5456	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	715	0.45	ng	0.00
15) 2-Fluorobiphenyl	12.77	172	8609	0.49	ng	0.00
25) Fluoranthene-d10	18.95	212	10051	0.35	ng	0.00
29) Terphenyl-d14	19.56	244	9864	0.72	ng	0.00

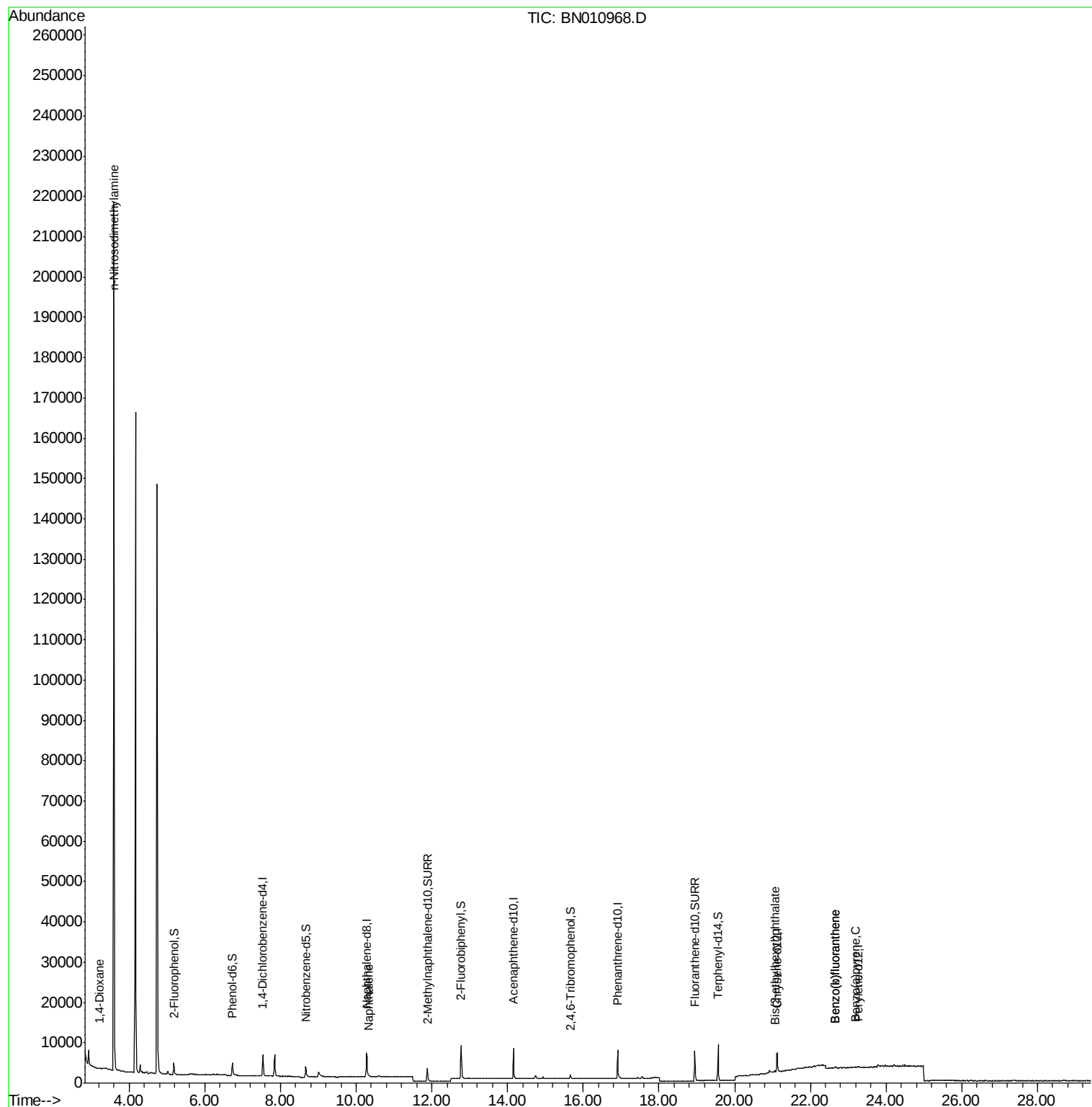
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	86	0.032	ng	# 37
3) n-Nitrosodimethylamine	3.59	42	8237	5.253	ng	# 1
9) Naphthalene	10.33	128	576	0.024	ng	# 42
32) Bis(2-ethylhexyl)phthalate	21.06	149	532	0.092	ng	# 88
35) Benzo(b)fluoranthene	22.64	252	52	0.034	ng	# 1
36) Benzo(k)fluoranthene	22.64	252	52	0.032	ng	# 1
37) Benzo(a)pyrene	23.20	252	61	0.046	ng	# 1

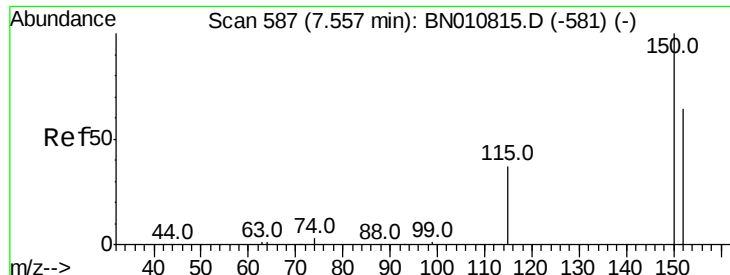
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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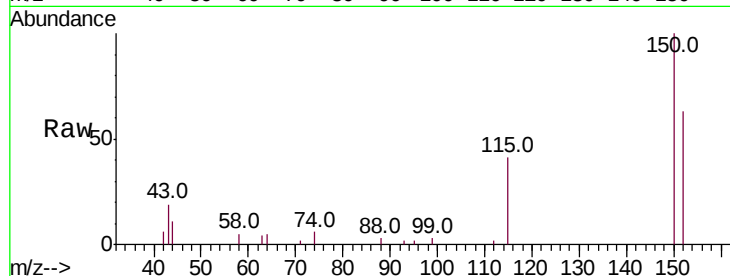


#1

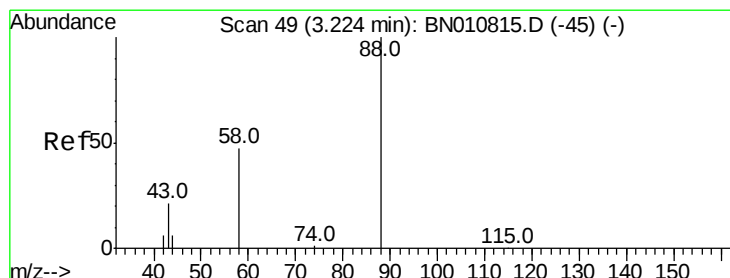
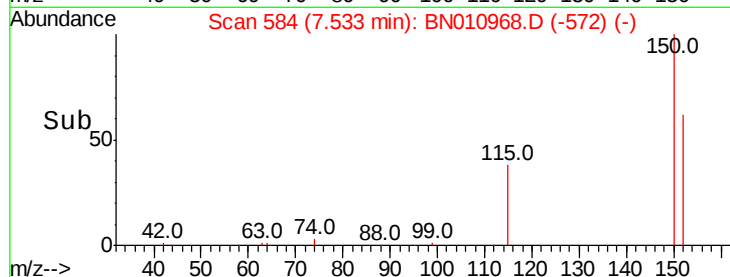
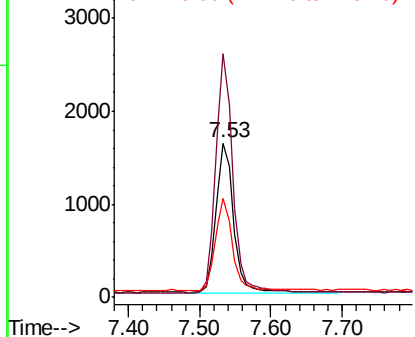
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. 0.00 min
Lab File: BN010968.D
Acq: 19 Jun 2020 14:00

Instrument :
BNA_N
ClientSampleId :
PB129630BL

Tot Ion:152 Resp: 2754
Ion Ratio Lower Upper
152 100
150 158.0 123.8 185.6
115 64.3 49.2 73.8



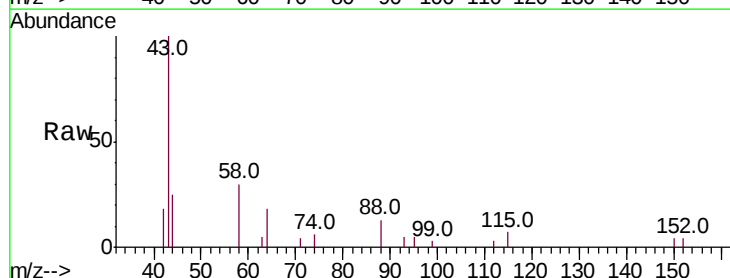
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



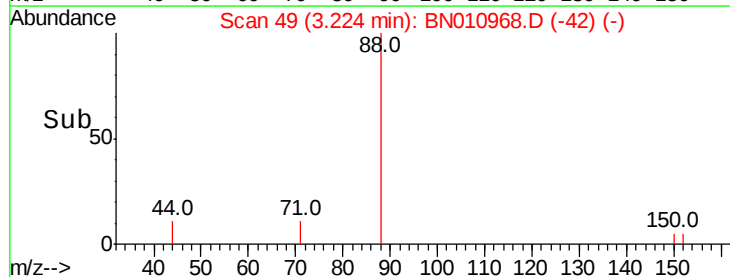
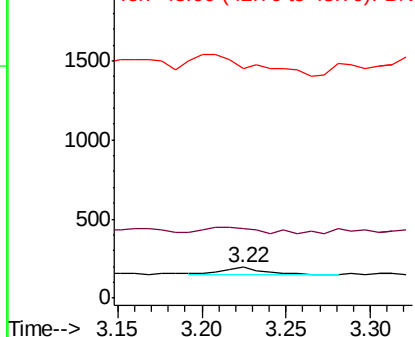
#2

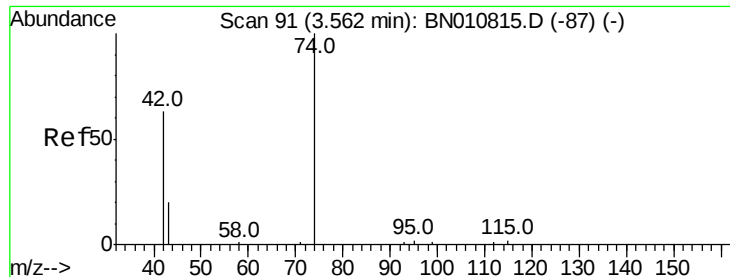
1,4-Dioxane
Concen: 0.032 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.01 min
Lab File: BN010968.D
Acq: 19 Jun 2020 14:00

Tgt Ion: 88 Resp: 86
Ion Ratio Lower Upper
88 100
58 0.0 38.2 57.4#
43 0.0 15.1 22.7#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 5.253 ng

RT: 3.59 min Scan# 95

Delta R.T. 0.07 min

Lab File: BN010968.D

Acq: 19 Jun 2020 14:00

Instrument :

BNA_N

ClientSampleId :

PB129630BL

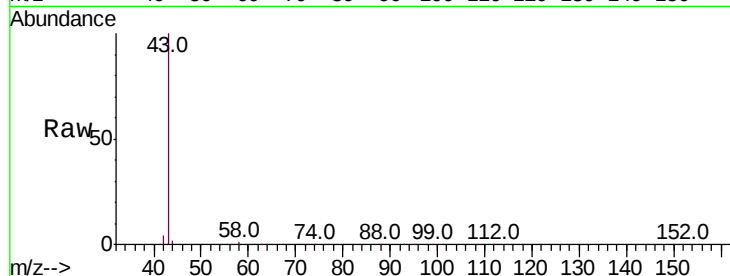
Tot Ion: 42 Resp: 8237

Ion Ratio Lower Upper

42 100

74 4.6 140.7 211.1#

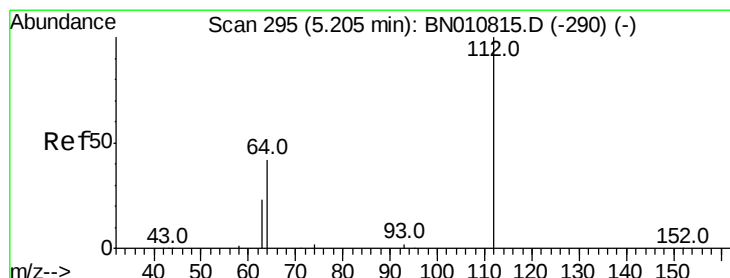
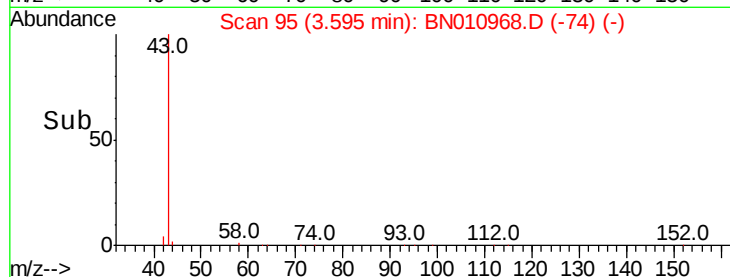
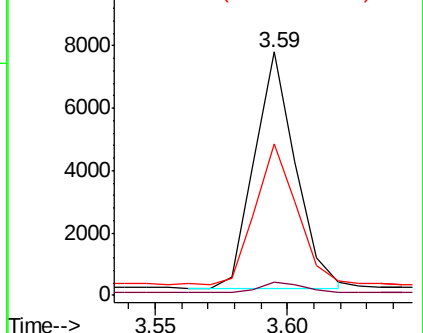
44 59.9 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): BN010815.D (-87) (-)

Ion 74.00 (73.70 to 74.70): BN010815.D (-87) (-)

Ion 44.00 (43.70 to 44.70): BN010815.D (-87) (-)



#4

2-Fluorophenol

Concen: 0.496 ng

RT: 5.19 min Scan# 293

Delta R.T. 0.01 min

Lab File: BN010968.D

Acq: 19 Jun 2020 14:00

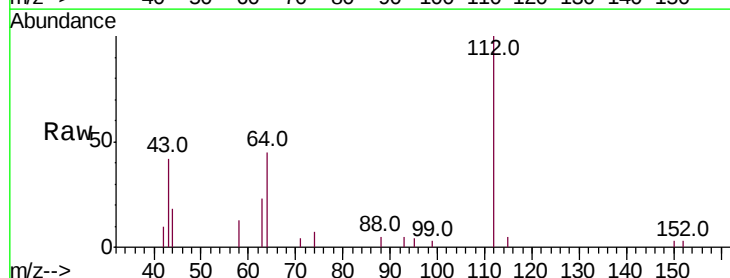
Tgt Ion: 112 Resp: 2635

Ion Ratio Lower Upper

112 100

64 47.5 37.4 56.0

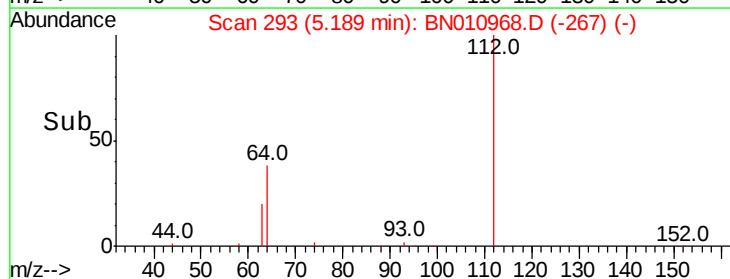
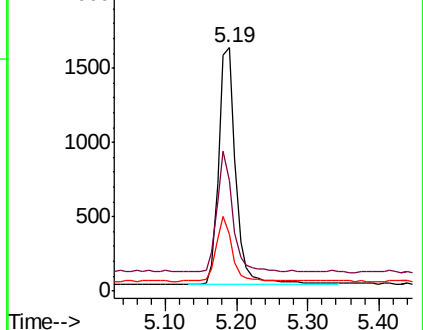
63 24.6 22.2 33.4

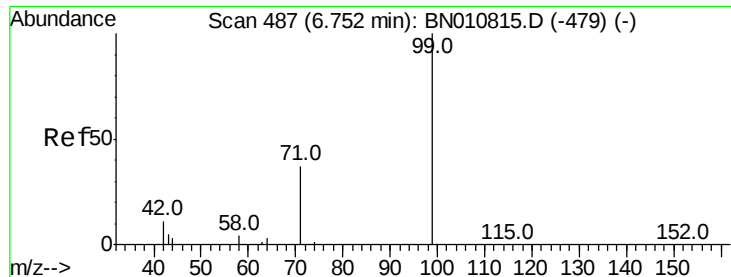


Abundance Ion 112.00 (111.70 to 112.70): BN010815.D (-290) (-)

Ion 64.00 (63.70 to 64.70): BN010815.D (-290) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-290) (-)





#5

Phenol-d6

Concen: 0.442 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.00 min

Lab File: BN010968.D

Acq: 19 Jun 2020 14:00

Instrument :

BNA_N

ClientSampleId :

PB129630BL

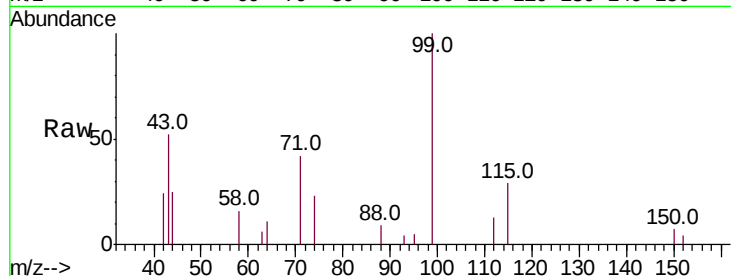
Tot Ion: 99 Resp: 2768

Ion Ratio Lower Upper

99 100

42 15.2 11.1 16.7

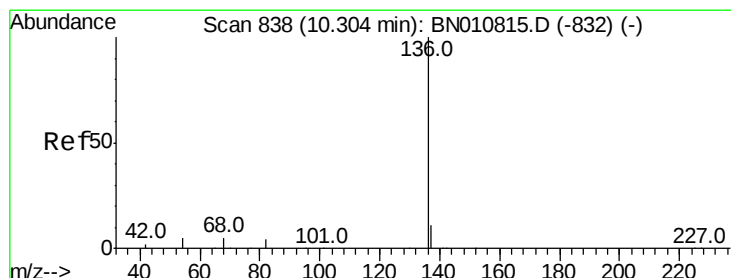
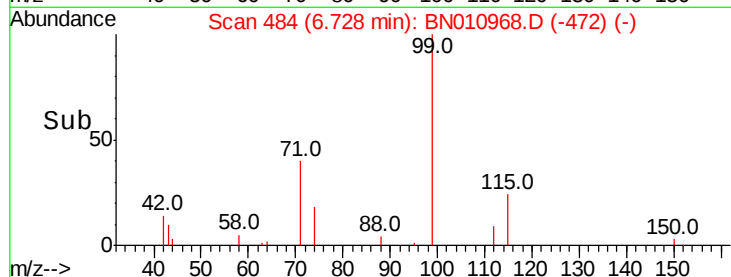
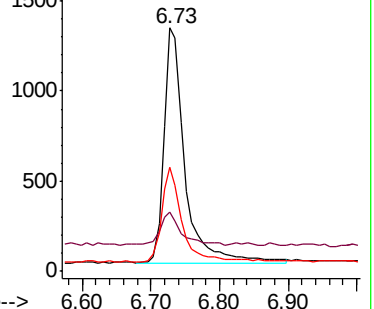
71 39.3 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN010968.D

Acq: 19 Jun 2020 14:00

Tgt Ion: 136 Resp: 9725

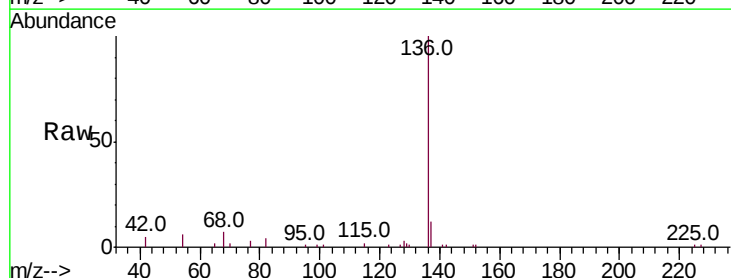
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 6.0 4.9 7.3

68 6.7 4.7 7.1

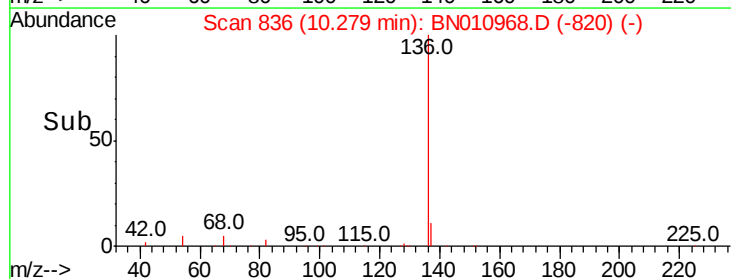
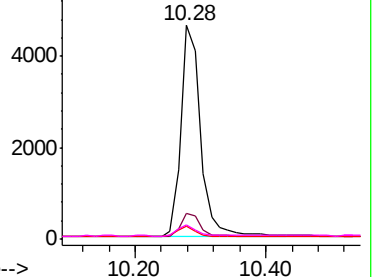


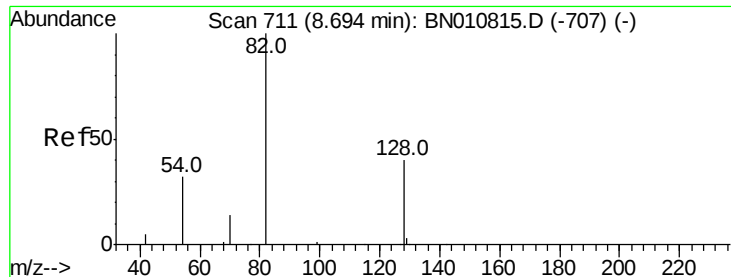
Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN010815.D (-832) (-)





#8

Nitrobenzene-d5

Concen: 0.435 ng

RT: 8.67 min Scan# 709

Delta R.T. 0.00 min

Lab File: BN010968.D

Acq: 19 Jun 2020 14:00

Instrument :

BNA_N

ClientSampleId :

PB129630BL

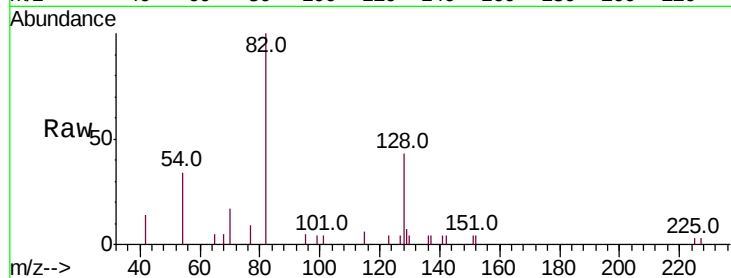
Tot Ion: 82 Resp: 3133

Ion Ratio Lower Upper

82 100

128 42.5 35.4 53.0

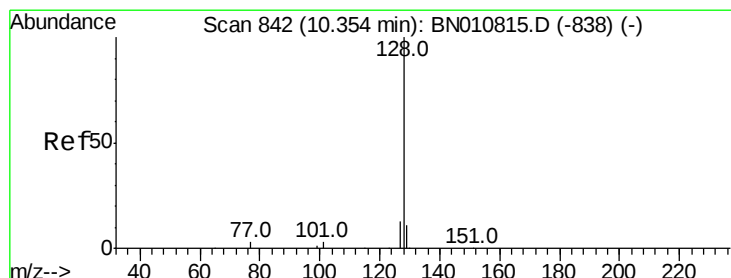
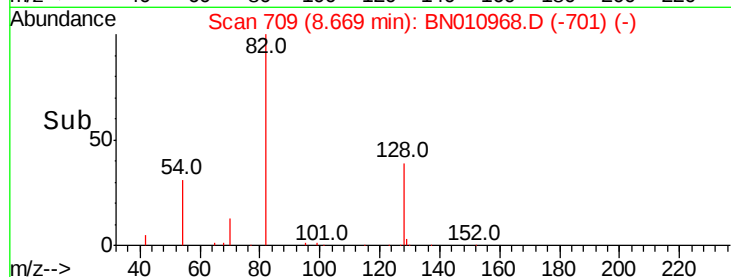
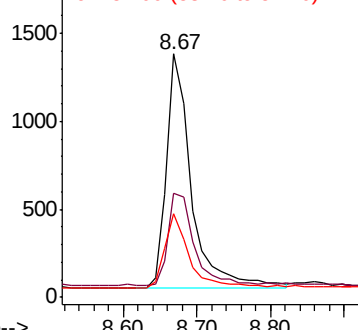
54 34.3 28.2 42.4



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) (-)



#9

Naphthalene

Concen: 0.024 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010968.D

Acq: 19 Jun 2020 14:00

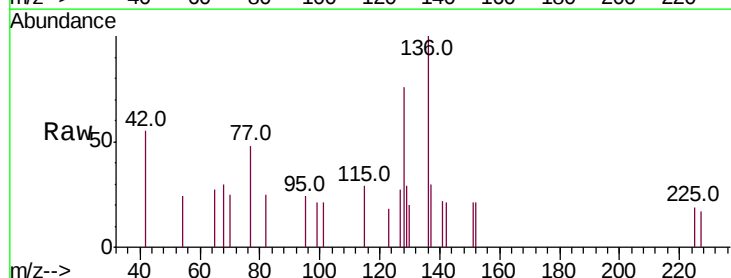
Tgt Ion: 128 Resp: 576

Ion Ratio Lower Upper

128 100

129 37.9 9.6 14.4#

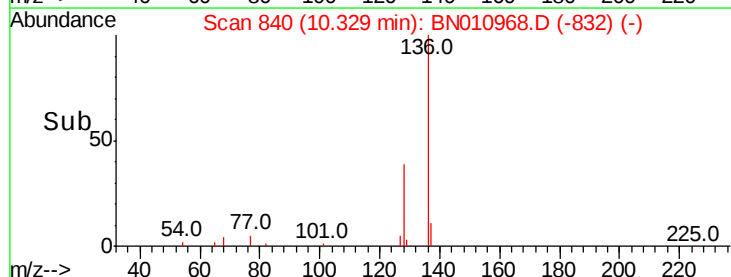
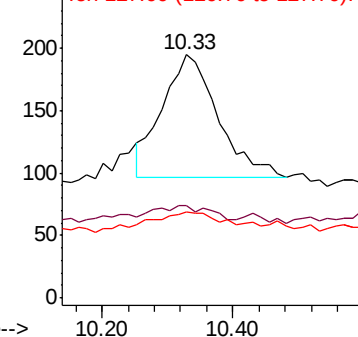
127 35.4 11.4 17.2#

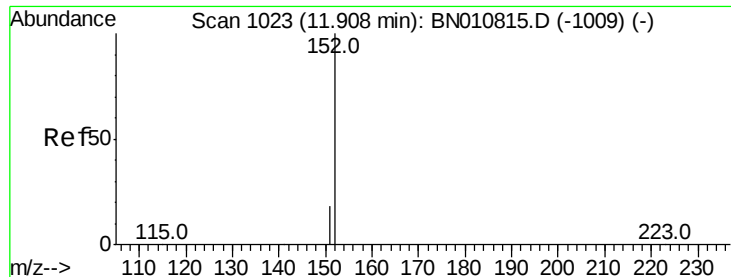


Abundance Ion 128.00 (127.70 to 128.70): BN010815.D (-838) (-)

Ion 129.00 (128.70 to 129.70): BN010815.D (-838) (-)

Ion 127.00 (126.70 to 127.70): BN010815.D (-838) (-)

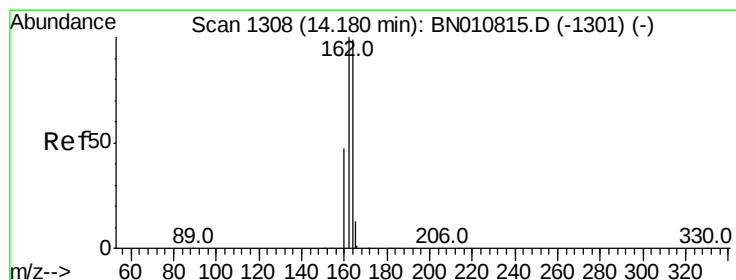
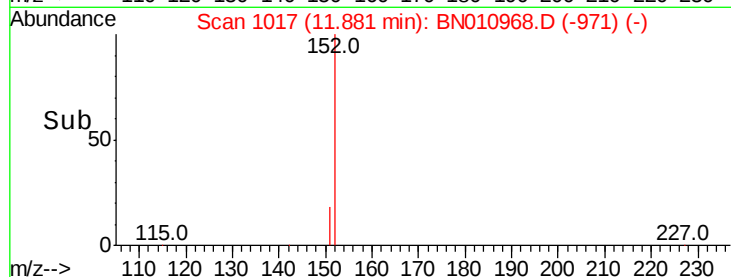
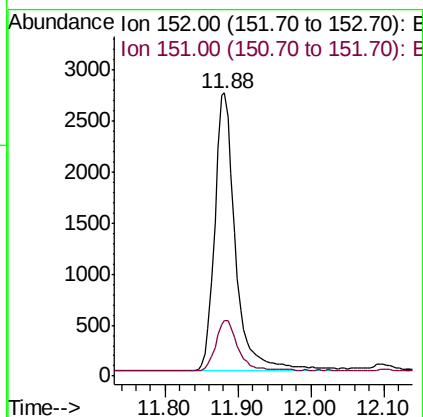
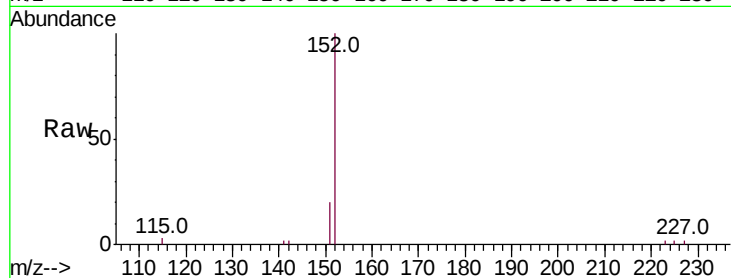




#11
2-Methylnaphthalene-d10
Concen: 0.362 ng
RT: 11.88 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BN010968.D
Acq: 19 Jun 2020 14:00

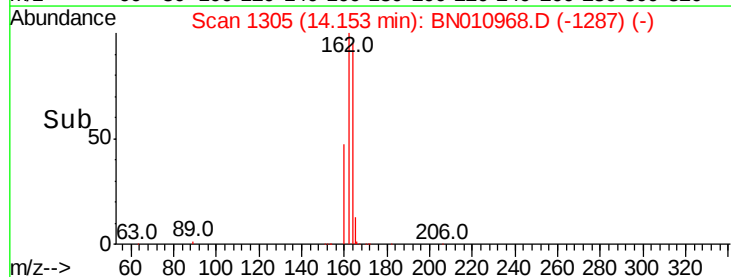
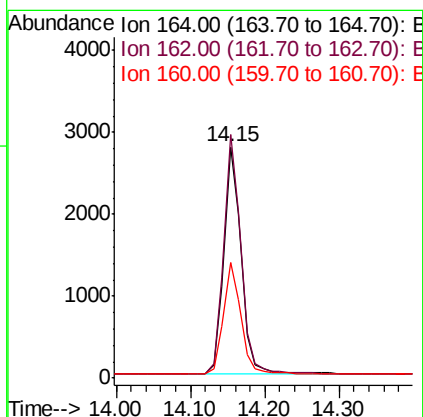
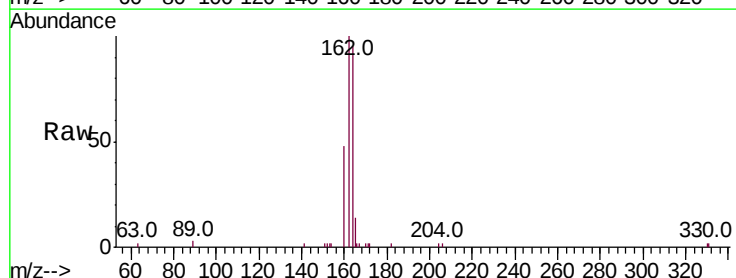
Instrument :
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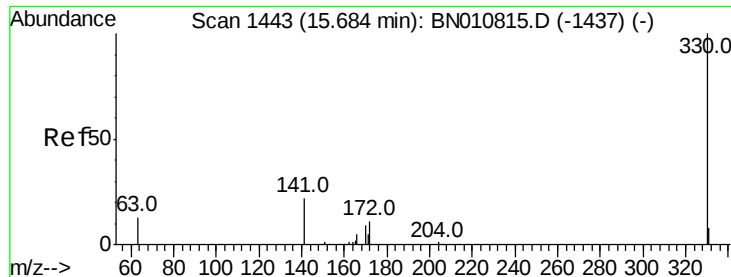
Tot Ion:152 Resp: 5456
Ion Ratio Lower Upper
152 100
151 19.5 15.3 22.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.15 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BN010968.D
Acq: 19 Jun 2020 14:00

Tgt Ion:164 Resp: 4492
Ion Ratio Lower Upper
164 100
162 105.4 81.0 121.6
160 50.2 38.9 58.3

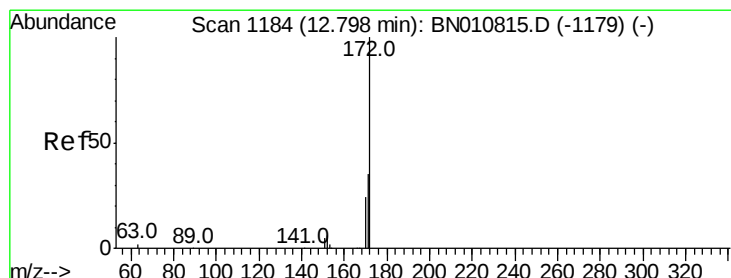
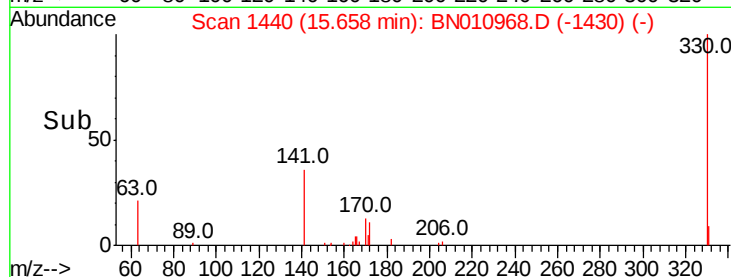
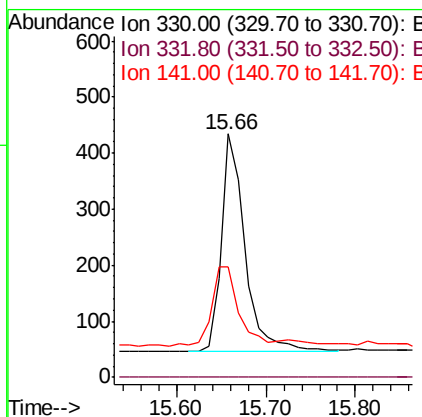
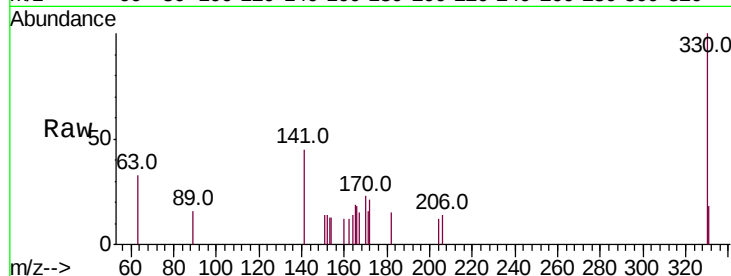




#14
2,4,6-Tribromophenol
Concen: 0.445 ng
RT: 15.66 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BN010968.D
Acq: 19 Jun 2020 14:00

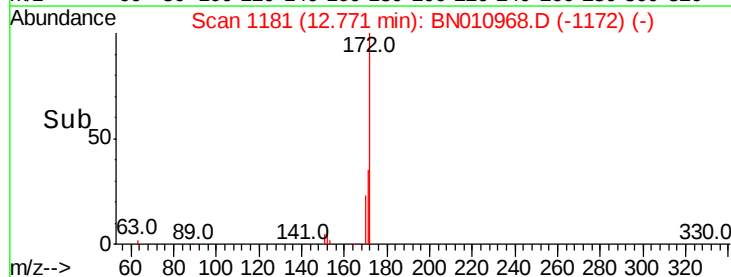
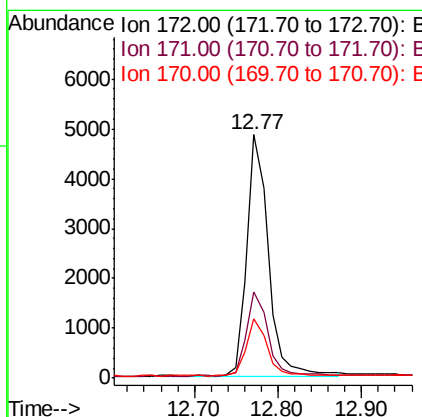
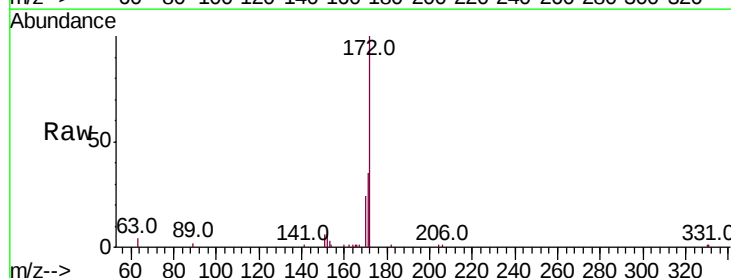
Instrument :
BNA_N
ClientSampleId :
PB129630BL

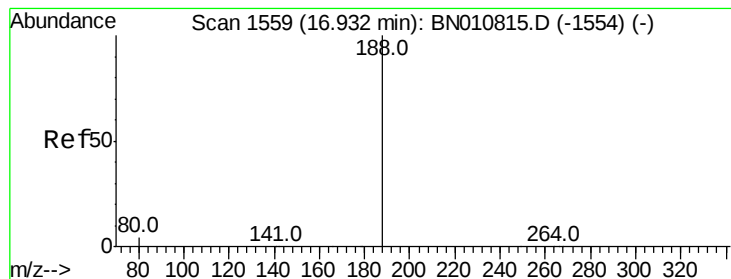
Tot Ion:330 Resp: 715
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.1 33.2 49.8



#15
2-Fluorobiphenyl
Concen: 0.486 ng
RT: 12.77 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BN010968.D
Acq: 19 Jun 2020 14:00

Tgt Ion:172 Resp: 8609
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.2 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.91 min Scan# 1556

Delta R.T. 0.01 min

Lab File: BN010968.D

Acq: 19 Jun 2020 14:00

Instrument :

BNA_N

ClientSampleId :

PB129630BL

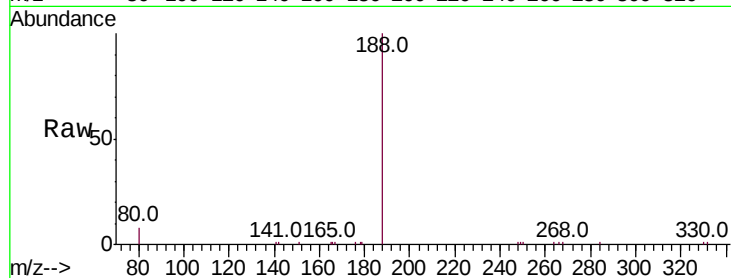
Tot Ion:188 Resp: 10332

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

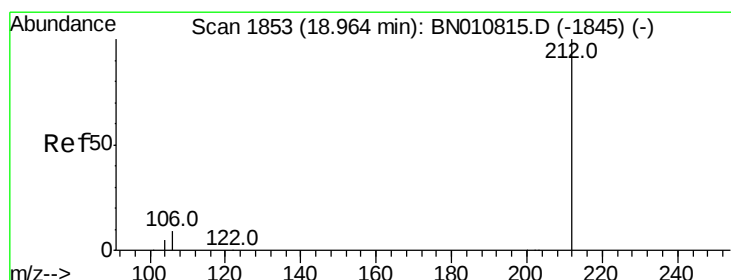
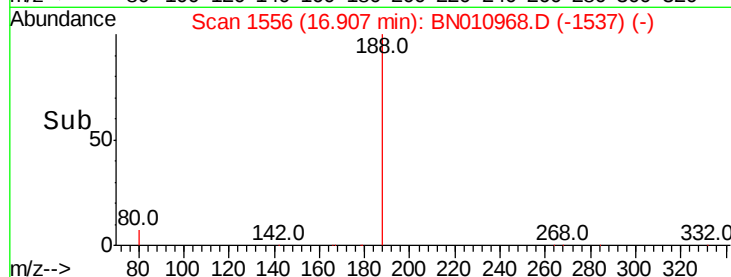
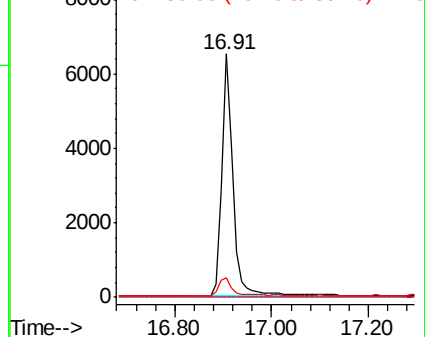
80 8.1 4.5 6.7#



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



#25

Fluoranthene-d10

Concen: 0.352 ng

RT: 18.95 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BN010968.D

Acq: 19 Jun 2020 14:00

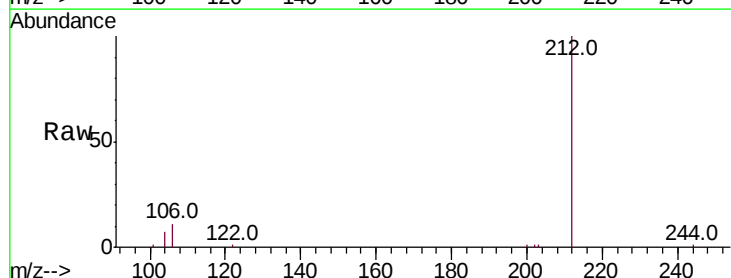
Tgt Ion:212 Resp: 10051

Ion Ratio Lower Upper

212 100

106 9.6 6.6 10.0

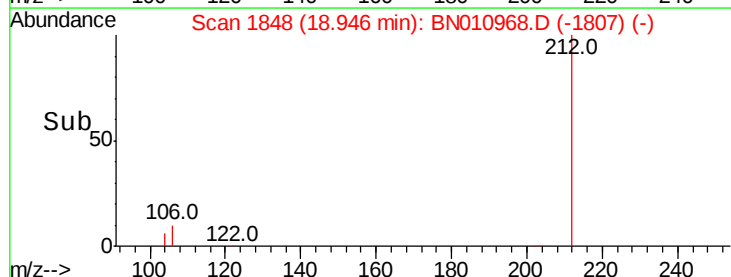
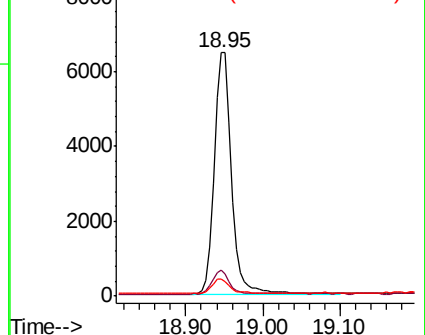
104 5.7 4.0 6.0

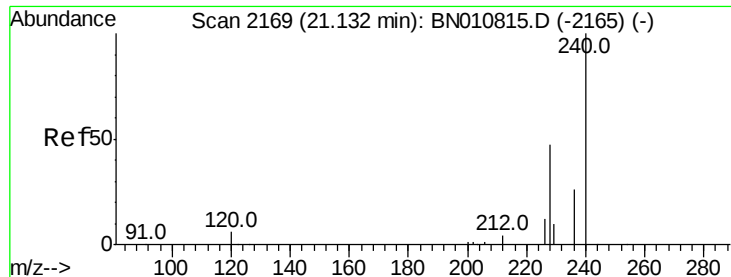


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.12 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010968.D

Acq: 19 Jun 2020 14:00

Instrument :

BNA_N

ClientSampleId :

PB129630BL

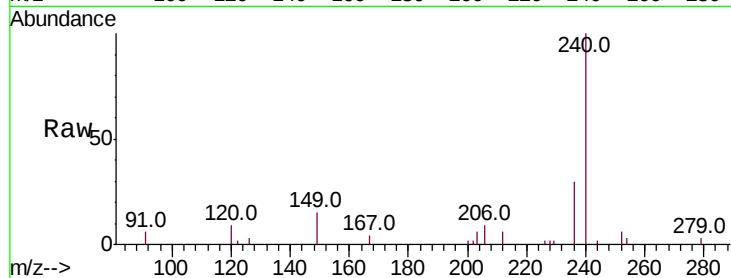
Tot Ion:240 Resp: 5873

Ion Ratio Lower Upper

240 100

120 8.6 7.5 11.3

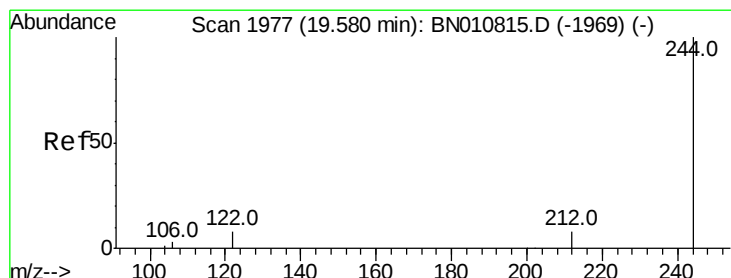
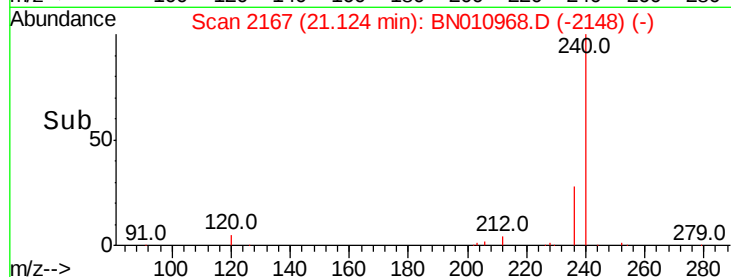
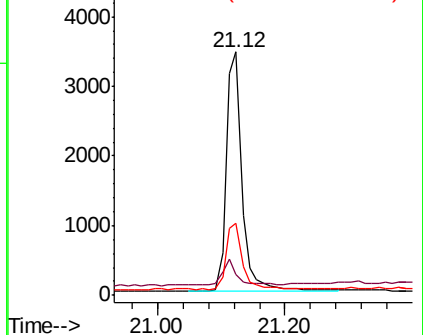
236 29.8 22.3 33.5



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



#29

Terphenyl-d14

Concen: 0.718 ng

RT: 19.56 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BN010968.D

Acq: 19 Jun 2020 14:00

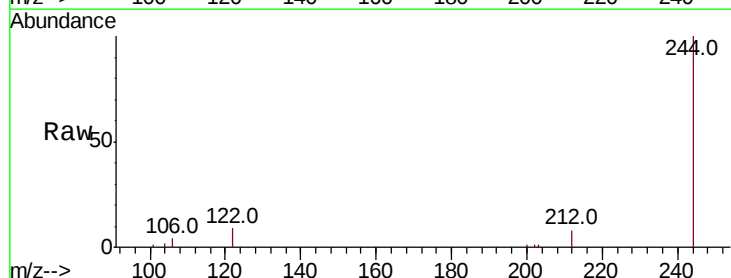
Tgt Ion:244 Resp: 9864

Ion Ratio Lower Upper

244 100

212 8.1 7.4 11.2

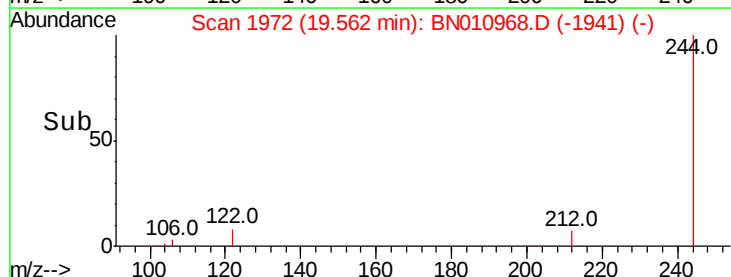
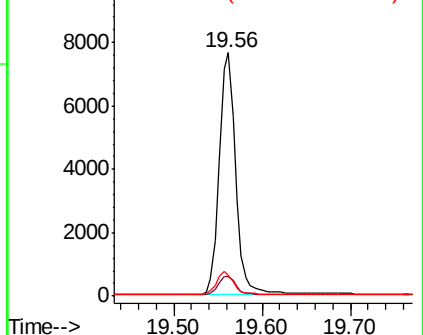
122 8.8 7.5 11.3

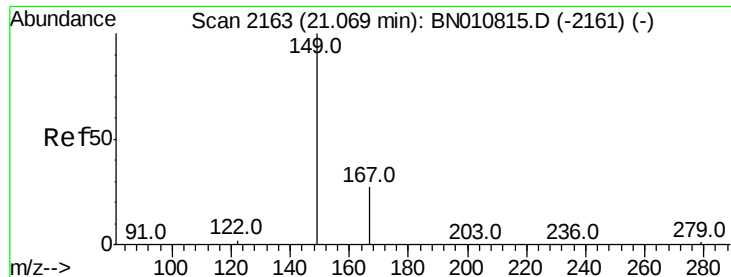


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.092 ng

RT: 21.06 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BN010968.D

Acq: 19 Jun 2020 14:00

Instrument :

BNA_N

ClientSampleId :

PB129630BL

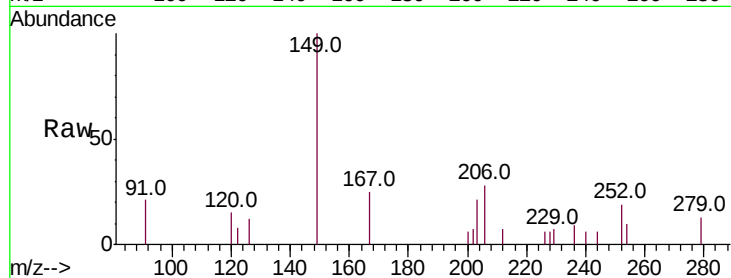
Tot Ion:149 Resp: 532

Ion Ratio Lower Upper

149 100

167 22.4 24.1 36.1#

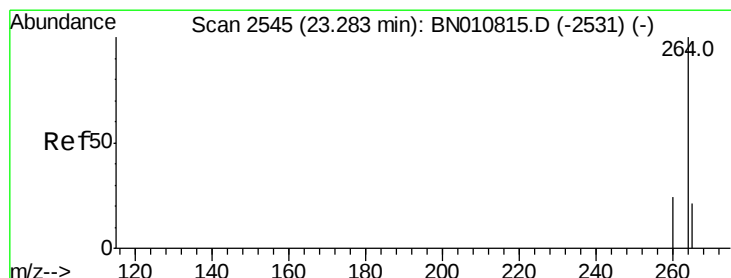
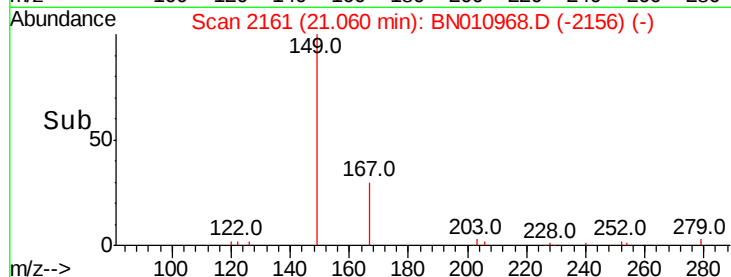
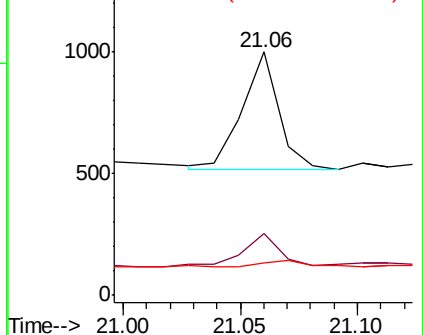
279 5.8 4.6 7.0



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: 23.27 min Scan# 2539

Delta R.T. 0.01 min

Lab File: BN010968.D

Acq: 19 Jun 2020 14:00

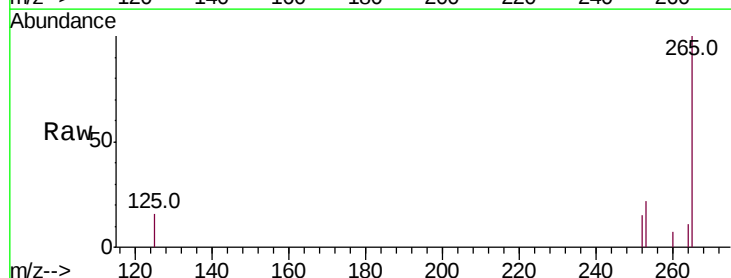
Tgt Ion:264 Resp: 454

Ion Ratio Lower Upper

264 100

260 59.2 20.4 30.6#

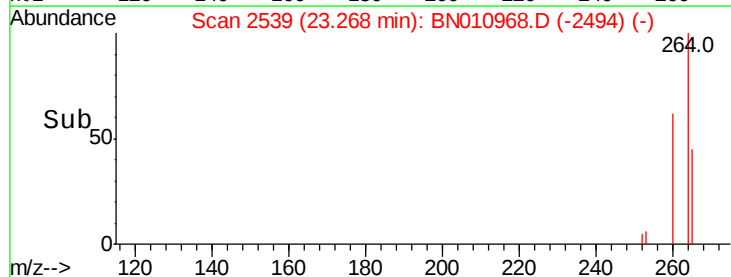
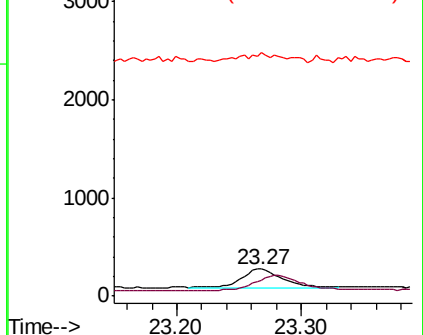
265 895.3 75.0 112.4#

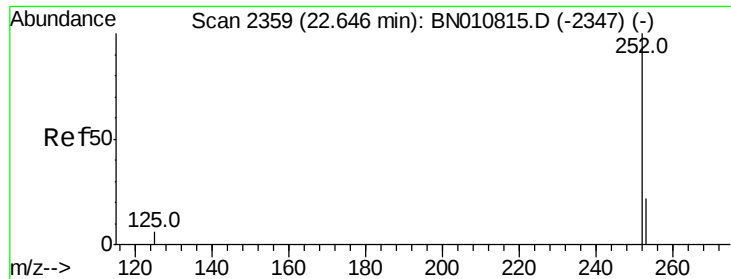


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.034 ng

RT: 22.64 min Scan# 2356

Delta R.T. 0.01 min

Lab File: BN010968.D

Acq: 19 Jun 2020 14:00

Instrument :

BNA_N

ClientSampleId :

PB129630BL

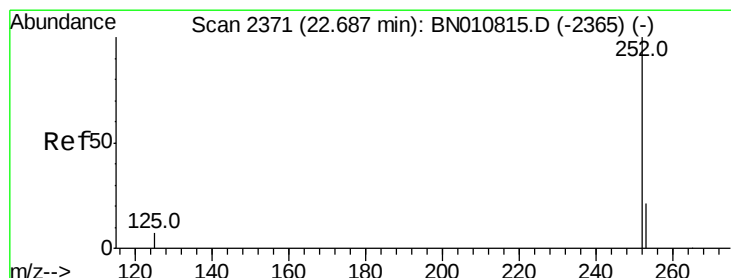
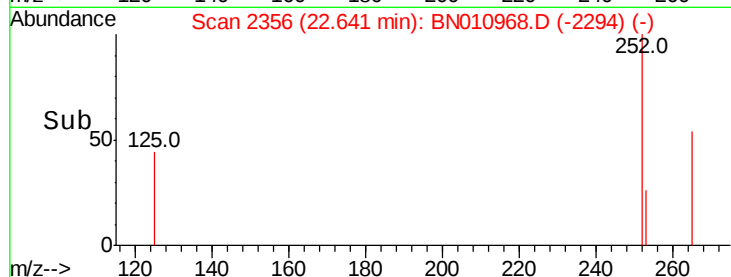
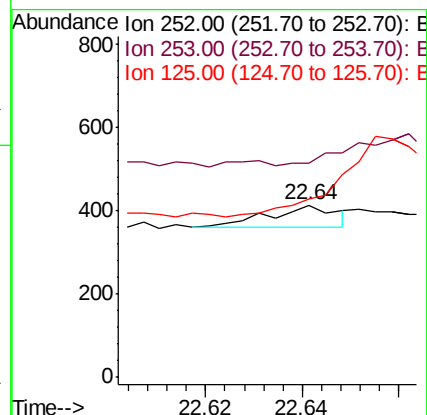
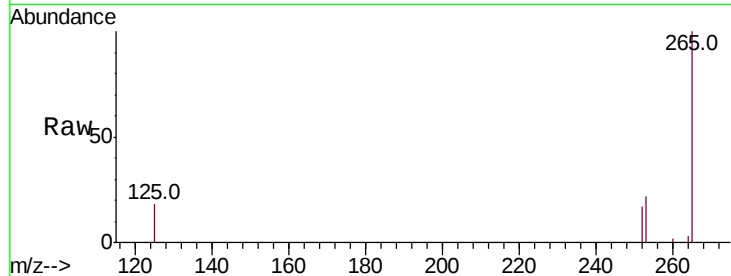
Tot Ion:252 Resp: 52

Ion Ratio Lower Upper

252 100

253 123.9 22.4 33.6#

125 103.4 9.4 14.0#



#36

Benzo(k)fluoranthene

Concen: 0.032 ng

RT: 22.64 min Scan# 2356

Delta R.T. -0.03 min

Lab File: BN010968.D

Acq: 19 Jun 2020 14:00

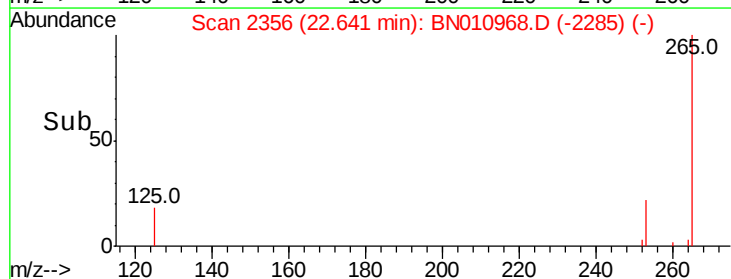
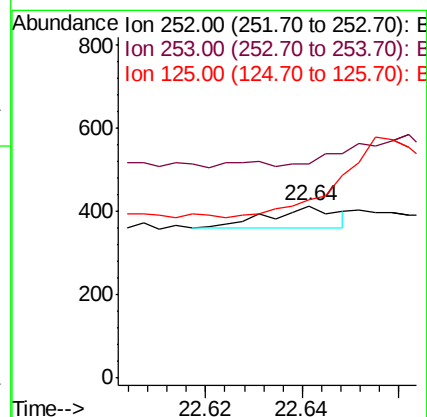
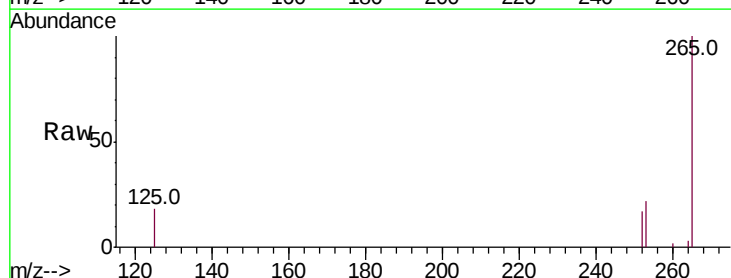
Tgt Ion:252 Resp: 52

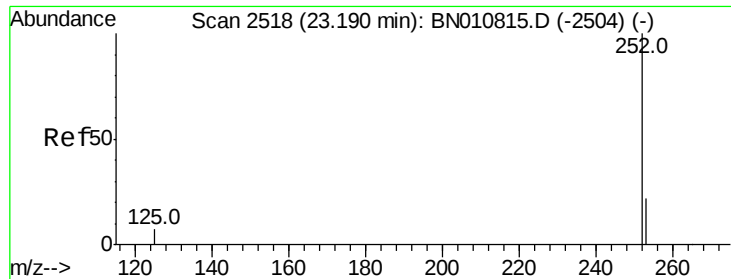
Ion Ratio Lower Upper

252 100

253 123.9 22.2 33.4#

125 103.4 9.8 14.8#





#37

Benzo(a)pyrene

Concen: 0.046 ng

RT: 23.20 min Scan# 2518

Delta R.T. 0.03 min

Lab File: BN010968.D

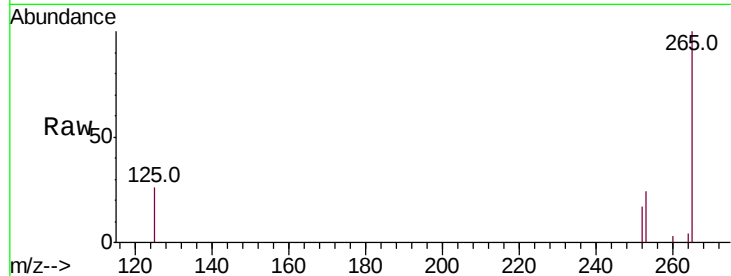
Acq: 19 Jun 2020 14:00

Instrument :

BNA_N

ClientSampleId :

PB129630BL



Tot Ion:252 Resp: 61

Ion Ratio Lower Upper

252 100

253 141.5 25.8 38.8#

125 157.5 12.4 18.6#

